STORY	MURO	LOC.	COMB	Acmv (m^2)	ØVn (ton)	Vsdu (ton)	Cumple
2 Piso	P1	Top	B241	0.90	28.38	-0.34	SI
2 Piso	P1	Bottom	B241	0.90	28.38	1.24	SI
2 Piso	P1	Top	B242 Loub	0.90	28.38	0.33	SI
2 Piso	P1	Bottom	B242 Loub	0.90	28.38	2.22	SI
2 Piso	P1	Top	B243-Wx+ Loub	0.90	28.38	-0.42	SI
2 Piso	P1	Bottom	B243-Wx+ Loub	0.90	28.38	1.13	SI
2 Piso	P1	Top	B243-Wx- Loub	0.90	28.38	-0.42	SI
2 Piso	P1	Bottom	B243-Wx- Loub	0.90	28.38	1.13	SI
2 Piso	P1	Top	B243-Wy+ Loub	0.90	28.38	-0.42	SI
2 Piso	P1	Bottom	B243-Wy+ Loub	0.90	28.38	1.13	SI
2 Piso	P1	Top	B243-Wy- Loub	0.90	28.38	-0.42	SI
2 Piso	P1	Bottom	B243-Wy- Loub	0.90	28.38	1.13	SI
2 Piso	P1	Top	B244-Wx+ Loub	0.90	28.38	-0.40	SI
2 Piso	P1	Bottom	B244-Wx+ Loub	0.90	28.38	1.83	SI
2 Piso	P1	Top	B244-Wx- Loub	0.90	28.38	-0.40	SI
2 Piso	P1	Bottom	B244-Wx- Loub	0.90	28.38	1.83	SI
2 Piso	P1	Top	B244-Wy+ Loub	0.90	28.38	-0.40	SI
2 Piso	P1	Bottom	B244-Wy+ Loub	0.90	28.38	1.83	SI
2 Piso	P1	Top	B244-Wy- Loub	0.90	28.38	-0.40	SI
2 Piso	P1	Bottom	B244-Wy- Loub	0.90	28.38	1.63	SI
2 Piso	P1	Top	B245-Ex+	0.90	28.38	-0.07	SI
2 Piso	P1	Bottom	B245-Ex+	0.90	28.38	1.69	SI
2 Piso	P1	Top	B245-Ex-	0.90	28.38	0.07	SI
2 Piso	P1	Bottom	B245-Ex-	0.90	28.38	1.68	SI
2 Piso	P1	Top	B245-Ey+	0.90	28.38	0.33	SI
2 Piso	P1	Bottom	B245-Ey+	0.90	28.38	1.83	SI
2 Piso	P1	Top	B245-Ey-	0.90	28.38	-0.27	SI
2 Piso	P1	Bottom	B245-Ey-	0.90	28.38	1.75	SI
2 Piso	P1	Top	B246 Wx+	0.90	28.38	-0.29	SI
2 Piso	P1	Bottom	B246 Wx+	0.90	28.38	0.83	SI
2 Piso	P1	Top	B246-Wx-	0.90	28.38	-0.29	SI
2 Piso	P1	Bottom	B246-Wx-	0.90	28.38	0.83	SI
2 Piso	P1	Top	B246-Wy+	0.90	28.38	-0.29	SI
2 Piso	P1	Bottom	B246-Wy+	0.90	28.38	0.89	SI
2 Piso	P1	Top	B246-Wy-	0.90	28.38	-0.29	SI
2 Piso	P1	Bottom	B246-Wy-	0.90	28.38	0.83	SI
2 Piso	P1	Top	B247-Ex+	0.90	28.38	-0.59	SI
2 Piso	P1	Bottom	B247-Ex+	0.90	28.38	0.91	SI
2 Piso	P1	Top	B247-Ex-	0.90	28.38	0.15	SI
2 Piso	P1	Bottom	B247-Ex-	0.90	28.38	0.84	SI
2 Piso	P1	Top	B247-Ey+	0.90	28.38	-0.26	SI
2 Piso	P1	Bottom	B247-Ey+	0.90	28.38	0.82	SI
2 Piso	P1	Top	B247-Ey-	0.90	28.38	-0.19	SI
2 Piso	P1	Bottom	B247-Ey-	0.90	28.38	0.77	SI
2 Piso	P1	Top	B242 G	0.90	28.38	-0.39	SI
2 Piso	P1	Bottom	B242 G	0.90	28.38	2.25	SI
2 Piso	P1	Top	B243-Wx- G	0.90	28.38	-0.59	SI
2 Piso	P1	Bottom	B243-Wx- G	0.90	28.38	1.23	SI
2 Piso	P1	Top	B243-Wy- G	0.90	28.38	-0.59	SI
2 Piso	P1	Bottom	B243-Wy- G	0.90	28.38	1.23	SI
2 Piso	P1	Top	B243-Wx+ G	0.90	28.38	-0.59	SI
2 Piso	P1	Bottom	B243-Wx+ G	0.90	28.38	1.23	SI
2 Piso	P1	Top	B243-Wy+ G	0.90	28.38	-0.59	SI
2 Piso	P1	Bottom	B243-Wy+ G	0.90	28.38	1.23	SI
2 Piso	P1	Top	B244-Wx- G	0.90	28.38	-0.46	SI
2 Piso	P1	Bottom	B244-Wx- G	0.90	28.38	1.66	SI
2 Piso	P1	Top	B244-Wx+ G	0.90	28.38	-0.46	SI
2 Piso	P1	Bottom	B244-Wx+ G	0.90	28.38	1.66	SI
2 Piso	P1	Top	B244-Wy- G	0.90	28.38	-0.46	SI
2 Piso	P1	Bottom	B244-Wy- G	0.90	28.38	1.66	SI
2 Piso	P1	Top	B244-Wy+ G	0.90	28.38	-0.46	SI
2 Piso	P1	Bottom	B244-Wy+ G	0.90	28.38	1.66	SI
2 Piso	P2	Top	B241	1.30	38.07	2.11	SI
2 Piso	P2	Bottom	B241	1.30	38.07	3.24	SI
2 Piso	P2	Top	B242 Loub	1.30	38.07	3.62	SI
2 Piso	P2	Bottom	B242 Loub	1.30	38.07	5.42	SI
2 Piso	P2	Top	B243-Wx+ Loub	1.30	38.07	1.96	SI
2 Piso	P2	Bottom	B243-Wx+ Loub	1.30	38.07	3.00	SI
2 Piso	P2	Top	B243-Wx- Loub	1.30	38.07	1.96	SI
2 Piso	P2	Bottom	B243-Wx- Loub	1.30	38.07	3.09	SI

STORY	MURO	LOC.	COMB	Avev (m²)	ØVn (ton)	V33u (ton)	Cumple
2 Piso	P2	Top	B243-Wy+ Loub	1.30	38.07	1.85	SI
2 Piso	P2	Bottom	B243-Wy+ Loub	1.30	38.07	3.02	SI
2 Piso	P2	Top	B243-Wy- Loub	1.30	38.07	1.96	SI
2 Piso	P2	Bottom	B243-Wy- Loub	1.30	38.07	3.08	SI
2 Piso	P2	Top	B244-Wx+ Loub	1.30	38.07	3.00	SI
2 Piso	P2	Bottom	B244-Wx+ Loub	1.30	38.07	4.59	SI
2 Piso	P2	Top	B244-Wx- Loub	1.30	38.07	3.03	SI
2 Piso	P2	Bottom	B244-Wx- Loub	1.30	38.07	4.59	SI
2 Piso	P2	Top	B244-Wy+ Loub	1.30	38.07	3.03	SI
2 Piso	P2	Bottom	B244-Wy+ Loub	1.30	38.07	4.59	SI
2 Piso	P2	Top	B244-Wy- Loub	1.30	38.07	3.03	SI
2 Piso	P2	Bottom	B244-Wy- Loub	1.30	38.07	4.59	SI
2 Piso	P2	Top	B245-Ex+	1.30	38.07	2.76	SI
2 Piso	P2	Bottom	B245-Ex+	1.30	38.07	4.07	SI
2 Piso	P2	Top	B245-Ex-	1.30	38.07	3.09	SI
2 Piso	P2	Bottom	B245-Ex-	1.30	38.07	4.73	SI
2 Piso	P2	Top	B245-Ey+	1.30	38.07	2.87	SI
2 Piso	P2	Bottom	B245-Ey+	1.30	38.07	4.56	SI
2 Piso	P2	Top	B245-Ey-	1.30	38.07	2.97	SI
2 Piso	P2	Bottom	B245-Ey-	1.30	38.07	4.44	SI
2 Piso	P2	Top	B246-Wx+	1.30	38.07	1.43	SI
2 Piso	P2	Bottom	B246-Wx+	1.30	38.07	2.22	SI
2 Piso	P2	Top	B246-Wx-	1.30	38.07	1.43	SI
2 Piso	P2	Bottom	B246-Wx-	1.30	38.07	2.22	SI
2 Piso	P2	Top	B246-Wy+	1.30	38.07	1.43	SI
2 Piso	P2	Bottom	B246-Wy+	1.30	38.07	2.22	SI
2 Piso	P2	Top	B246-Wy-	1.30	38.07	1.43	SI
2 Piso	P2	Bottom	B246-Wy-	1.30	38.07	2.22	SI
2 Piso	P2	Top	B247-Ex+	1.30	38.07	1.19	SI
2 Piso	P2	Bottom	B247-Ex+	1.30	38.07	1.76	SI
2 Piso	P2	Top	B247-Ex-	1.30	38.07	1.52	SI
2 Piso	P2	Bottom	B247-Ex-	1.30	38.07	2.47	SI
2 Piso	P2	Top	B247-Ey+	1.30	38.07	1.31	SI
2 Piso	P2	Bottom	B247-Ey+	1.30	38.07	2.04	SI
2 Piso	P2	Top	B247-Ey-	1.30	38.07	1.40	SI
2 Piso	P2	Bottom	B247-Ey-	1.30	38.07	2.13	SI
2 Piso	P2	Top	B242 G	1.30	38.07	3.68	SI
2 Piso	P2	Bottom	B242 G	1.30	38.07	3.54	SI
2 Piso	P2	Top	B243-Wx- G	1.30	38.07	2.13	SI
2 Piso	P2	Bottom	B243-Wx- G	1.30	38.07	3.38	SI
2 Piso	P2	Top	B243-Wy- G	1.30	38.07	2.13	SI
2 Piso	P2	Bottom	B243-Wy- G	1.30	38.07	3.38	SI
2 Piso	P2	Top	B243-Wx+ G	1.30	38.07	2.13	SI
2 Piso	P2	Bottom	B243-Wx+ G	1.30	38.07	3.38	SI
2 Piso	P2	Top	B243-Wy+ G	1.30	38.07	2.13	SI
2 Piso	P2	Bottom	B243-Wy+ G	1.30	38.07	3.38	SI
2 Piso	P2	Top	B244-Wx- G	1.30	38.07	3.08	SI
2 Piso	P2	Bottom	B244-Wx- G	1.30	38.07	4.70	SI
2 Piso	P2	Top	B244-Wx+ G	1.30	38.07	3.08	SI
2 Piso	P2	Bottom	B244-Wx+ G	1.30	38.07	4.70	SI
2 Piso	P2	Top	B244-Wy- G	1.30	38.07	3.08	SI
2 Piso	P2	Bottom	B244-Wy- G	1.30	38.07	4.70	SI
2 Piso	P2	Top	B244-Wy+ G	1.30	38.07	3.08	SI
2 Piso	P2	Bottom	B244-Wy+ G	1.30	38.07	4.70	SI
2 Piso	P3A	Top	B241	1.10	32.27	1.99	SI
2 Piso	P3A	Bottom	B241	1.10	32.27	1.24	SI
2 Piso	P3A	Top	B242 Loub	1.10	32.27	1.97	SI
2 Piso	P3A	Bottom	B242 Loub	1.10	32.27	1.37	SI
2 Piso	P3A	Top	B243-Wx+ Loub	1.10	32.27	1.77	SI
2 Piso	P3A	Bottom	B243-Wx+ Loub	1.10	32.27	1.27	SI
2 Piso	P3A	Top	B243-Wx- Loub	1.10	32.27	1.77	SI
2 Piso	P3A	Bottom	B243-Wx- Loub	1.10	32.27	1.27	SI
2 Piso	P3A	Top	B243-Wy+ Loub	1.10	32.27	1.77	SI
2 Piso	P3A	Bottom	B243-Wy+ Loub	1.10	32.27	1.27	SI
2 Piso	P3A	Top	B243-Wy- Loub	1.10	32.27	1.77	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	1.10	32.27	1.27	SI
2 Piso	P3A	Top	B244-Wx+ Loub	1.10	32.27	2.60	SI
2 Piso	P3A	Bottom	B244-Wx+ Loub	1.10	32.27	1.70	SI
2 Piso	P3A	Top	B244-Wx- Loub	1.10	32.27	2.60	SI
2 Piso	P3A	Bottom	B244-Wx- Loub	1.10	32.27	1.70	SI

ANEXO 2 REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amv (in²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P3A	Top	B244-Wy+ Loub	1.10	32.27	2.80	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	1.10	32.27	1.70	SI
2 Piso	P3A	Top	B244-Wy- Loub	1.10	32.27	2.80	SI
2 Piso	P3A	Bottom	B244-Wy- Loub	1.10	32.27	1.70	SI
2 Piso	P3A	Top	B245-Ex+	1.10	32.27	2.33	SI
2 Piso	P3A	Bottom	B245-Ex+	1.10	32.27	0.99	SI
2 Piso	P3A	Top	B245-Ex-	1.10	32.27	3.09	SI
2 Piso	P3A	Bottom	B245-Ex-	1.10	32.27	2.09	SI
2 Piso	P3A	Top	B245-Ey+	1.10	32.27	2.72	SI
2 Piso	P3A	Bottom	B245-Ey+	1.10	32.27	1.54	SI
2 Piso	P3A	Top	B245-Ey-	1.10	32.27	2.66	SI
2 Piso	P3A	Bottom	B245-Ey-	1.10	32.27	1.53	SI
2 Piso	P3A	Top	B246-Wx+	1.10	32.27	1.29	SI
2 Piso	P3A	Bottom	B246-Wx+	1.10	32.27	0.91	SI
2 Piso	P3A	Top	B246-Wx-	1.10	32.27	1.29	SI
2 Piso	P3A	Bottom	B246-Wx-	1.10	32.27	0.91	SI
2 Piso	P3A	Top	B246-Wy+	1.10	32.27	1.29	SI
2 Piso	P3A	Bottom	B246-Wy+	1.10	32.27	0.91	SI
2 Piso	P3A	Top	B246-Wy-	1.10	32.27	1.29	SI
2 Piso	P3A	Bottom	B246-Wy-	1.10	32.27	0.91	SI
2 Piso	P3A	Top	B247-Ex+	1.10	32.27	0.85	SI
2 Piso	P3A	Bottom	B247-Ex+	1.10	32.27	0.24	SI
2 Piso	P3A	Top	B247-Ex-	1.10	32.27	1.58	SI
2 Piso	P3A	Bottom	B247-Ex-	1.10	32.27	0.95	SI
2 Piso	P3A	Top	B247-Ey+	1.10	32.27	1.24	SI
2 Piso	P3A	Bottom	B247-Ey+	1.10	32.27	0.60	SI
2 Piso	P3A	Top	B247-Ey-	1.10	32.27	1.19	SI
2 Piso	P3A	Bottom	B247-Ey-	1.10	32.27	0.78	SI
2 Piso	P3A	Top	B248 G	1.10	32.27	3.40	SI
2 Piso	P3A	Bottom	B248 G	1.10	32.27	1.96	SI
2 Piso	P3A	Top	B243-Wx- G	1.10	32.27	1.96	SI
2 Piso	P3A	Bottom	B243-Wx- G	1.10	32.27	1.57	SI
2 Piso	P3A	Top	B243-Wy- G	1.10	32.27	1.96	SI
2 Piso	P3A	Bottom	B243-Wy- G	1.10	32.27	1.57	SI
2 Piso	P3A	Top	B243-Wx+ G	1.10	32.27	1.96	SI
2 Piso	P3A	Bottom	B243-Wx+ G	1.10	32.27	1.57	SI
2 Piso	P3A	Top	B243 Wy+ G	1.10	32.27	1.96	SI
2 Piso	P3A	Bottom	B243-Wy+ G	1.10	32.27	1.57	SI
2 Piso	P3A	Top	B244-Wx- G	1.10	32.27	2.85	SI
2 Piso	P3A	Bottom	B244-Wx- G	1.10	32.27	1.79	SI
2 Piso	P3A	Top	B244-Wx+ G	1.10	32.27	2.85	SI
2 Piso	P3A	Bottom	B244-Wx+ G	1.10	32.27	1.79	SI
2 Piso	P3A	Top	B244-Wy- G	1.10	32.27	2.86	SI
2 Piso	P3A	Bottom	B244-Wy- G	1.10	32.27	1.79	SI
2 Piso	P3A	Top	B244-Wy+ G	1.10	32.27	2.86	SI
2 Piso	P3A	Bottom	B244-Wy+ G	1.10	32.27	1.79	SI
2 Piso	P3B	Top	B241	1.07	31.30	1.94	SI
2 Piso	P3B	Bottom	B241	1.07	31.30	1.38	SI
2 Piso	P3B	Top	B242 Loub	1.07	31.30	3.21	SI
2 Piso	P3B	Bottom	B242 Loub	1.07	31.30	2.06	SI
2 Piso	P3B	Top	B243-Wx+ Loub	1.07	31.30	1.83	SI
2 Piso	P3B	Bottom	B243-Wx+ Loub	1.07	31.30	1.32	SI
2 Piso	P3B	Top	B243 Wx- Loub	1.07	31.30	1.83	SI
2 Piso	P3B	Bottom	B243-Wx- Loub	1.07	31.30	1.32	SI
2 Piso	P3B	Top	B243-Wy+ Loub	1.07	31.30	1.83	SI
2 Piso	P3B	Bottom	B243-Wy+ Loub	1.07	31.30	1.32	SI
2 Piso	P3B	Top	B243-Wy- Loub	1.07	31.30	1.83	SI
2 Piso	P3B	Bottom	B243-Wy- Loub	1.07	31.30	1.32	SI
2 Piso	P3B	Top	B244-Wx+ Loub	1.07	31.30	2.73	SI
2 Piso	P3B	Bottom	B244-Wx+ Loub	1.07	31.30	1.84	SI
2 Piso	P3B	Top	B244-Wx- Loub	1.07	31.30	2.73	SI
2 Piso	P3B	Bottom	B244-Wx- Loub	1.07	31.30	1.84	SI
2 Piso	P3B	Top	B244-Wy+ Loub	1.07	31.30	2.73	SI
2 Piso	P3B	Bottom	B244-Wy+ Loub	1.07	31.30	1.84	SI
2 Piso	P3B	Top	B244-Wy- Loub	1.07	31.30	2.73	SI
2 Piso	P3B	Bottom	B244-Wy- Loub	1.07	31.30	1.84	SI
2 Piso	P3B	Top	B245-Ex+	1.07	31.30	2.13	SI
2 Piso	P3B	Bottom	B245-Ex+	1.07	31.30	1.38	SI
2 Piso	P3B	Top	B245-Ex-	1.07	31.30	3.08	SI
2 Piso	P3B	Bottom	B245-Ex-	1.07	31.30	2.18	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P3B	Top	B243-Ey+	1.07	31.30	2.61	SI
2 Piso	P3B	Bottom	B243-Ey+	1.07	31.30	1.65	SI
2 Piso	P3B	Top	B245-Ey-	1.07	31.30	2.60	SI
2 Piso	P3B	Bottom	B245-Ey-	1.07	31.30	1.66	SI
2 Piso	P3B	Top	B246-Wx+	1.07	31.30	1.00	SI
2 Piso	P3B	Bottom	B246-Wx+	1.07	31.30	0.94	SI
2 Piso	P3B	Top	B246-Wx-	1.07	31.30	1.99	SI
2 Piso	P3B	Bottom	B246-Wx-	1.07	31.30	0.94	SI
2 Piso	P3B	Top	B248-Wy+	1.07	31.30	1.99	SI
2 Piso	P3B	Bottom	B248-Wy+	1.07	31.30	0.84	SI
2 Piso	P3B	Top	B248-Wy-	1.07	31.30	1.00	SI
2 Piso	P3B	Bottom	B248-Wy-	1.07	31.30	0.94	SI
2 Piso	P3B	Top	B247-Ex+	1.07	31.30	0.77	SI
2 Piso	P3B	Bottom	B247-Ex+	1.07	31.30	0.31	SI
2 Piso	P3B	Top	B247-Ex-	1.07	31.30	1.73	SI
2 Piso	P3B	Bottom	B247-Ex-	1.07	31.30	1.33	SI
2 Piso	P3B	Top	B247-Ey+	1.07	31.30	1.25	SI
2 Piso	P3B	Bottom	B247-Ey+	1.07	31.30	0.51	SI
2 Piso	P3B	Top	B247-Ey-	1.07	31.30	1.24	SI
2 Piso	P3B	Bottom	B247-Ey-	1.07	31.30	0.83	SI
2 Piso	P3B	Top	B242 G	1.07	31.30	3.28	SI
2 Piso	P3B	Bottom	B242 G	1.07	31.30	2.16	SI
2 Piso	P3B	Top	B243 Wx- G	1.07	31.30	2.05	SI
2 Piso	P3B	Bottom	B243 Wx- G	1.07	31.30	1.82	SI
2 Piso	P3B	Top	B243-Wy- G	1.07	31.30	2.05	SI
2 Piso	P3B	Bottom	B243-Wy- G	1.07	31.30	1.62	SI
2 Piso	P3B	Top	B243-Wx+ G	1.07	31.30	2.05	SI
2 Piso	P3B	Bottom	B243-Wx+ G	1.07	31.30	1.62	SI
2 Piso	P3B	Top	B243 Wy+ G	1.07	31.30	2.05	SI
2 Piso	P3B	Bottom	B243-Wy+ G	1.07	31.30	1.82	SI
2 Piso	P3B	Top	B244-Wx- G	1.07	31.30	2.80	SI
2 Piso	P3B	Bottom	B244-Wx- G	1.07	31.30	1.85	SI
2 Piso	P3B	Top	B244-Wx+ G	1.07	31.30	2.80	SI
2 Piso	P3B	Bottom	B244-Wx+ G	1.07	31.30	1.93	SI
2 Piso	P3B	Top	B244-Wy- G	1.07	31.30	2.80	SI
2 Piso	P3B	Bottom	B244-Wy- G	1.07	31.30	1.83	SI
2 Piso	P3B	Top	B244-Wy+ G	1.07	31.30	2.80	SI
2 Piso	P3B	Bottom	B244-Wy+ G	1.07	31.30	2.00	SI
2 Piso	P4	Top	B241	1.34	39.39	2.48	SI
2 Piso	P4	Bottom	B241	1.34	39.39	3.38	SI
2 Piso	P4	Top	B242 Loub	1.34	39.39	3.20	SI
2 Piso	P4	Bottom	B242 Loub	1.34	39.39	3.71	SI
2 Piso	P4	Top	B243-Wx+ Loub	1.34	39.39	2.35	SI
2 Piso	P4	Bottom	B243-Wx+ Loub	1.34	39.39	3.16	SI
2 Piso	P4	Top	B243-Wx- Loub	1.34	39.39	2.35	SI
2 Piso	P4	Bottom	B243-Wx- Loub	1.34	39.39	3.15	SI
2 Piso	P4	Top	B243-Wy+ Loub	1.34	39.39	2.35	SI
2 Piso	P4	Bottom	B243-Wy+ Loub	1.34	39.39	3.15	SI
2 Piso	P4	Top	B243-Wy- Loub	1.34	39.39	2.35	SI
2 Piso	P4	Bottom	B243-Wy- Loub	1.34	39.39	3.16	SI
2 Piso	P4	Top	B244-Wx+ Loub	1.34	39.39	2.94	SI
2 Piso	P4	Bottom	B244-Wx+ Loub	1.34	39.39	3.56	SI
2 Piso	P4	Top	B244-Wx- Loub	1.34	39.39	2.94	SI
2 Piso	P4	Bottom	B244-Wx- Loub	1.34	39.39	3.56	SI
2 Piso	P4	Top	B244-Wy+ Loub	1.34	39.39	2.94	SI
2 Piso	P4	Bottom	B244-Wy+ Loub	1.34	39.39	3.56	SI
2 Piso	P4	Top	B244-Wy- Loub	1.34	39.39	2.94	SI
2 Piso	P4	Bottom	B244-Wy- Loub	1.34	39.39	3.56	SI
2 Piso	P4	Top	B245-Ex+	1.34	39.39	2.62	SI
2 Piso	P4	Bottom	B245-Ex+	1.34	39.39	3.10	SI
2 Piso	P4	Top	B245-Ex-	1.34	39.39	2.92	SI
2 Piso	P4	Bottom	B245-Ex-	1.34	39.39	3.59	SI
2 Piso	P4	Top	B245 Ey+	1.34	39.39	2.80	SI
2 Piso	P4	Bottom	B245 Ey+	1.34	39.39	3.42	SI
2 Piso	P4	Top	B245-Ey-	1.34	39.39	2.76	SI
2 Piso	P4	Bottom	B245-Ey-	1.34	39.39	3.30	SI
2 Piso	P4	Top	B246-Wx+	1.34	39.39	1.72	SI
2 Piso	P4	Bottom	B246-Wx+	1.34	39.39	2.31	SI
2 Piso	P4	Top	B246 Wx-	1.34	39.39	1.72	SI
2 Piso	P4	Bottom	B246 Wx-	1.34	39.39	2.31	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amv(m²)	ΦVn (ton)	V33u(ton)	Cumple
2 Piso	P4	Top	B246-Wy+	1.34	39.39	1.72	SI
2 Piso	P4	Bottom	B246-Wy+	1.34	39.39	2.31	SI
2 Piso	P4	Top	B246-Wy-	1.34	39.39	1.72	SI
2 Piso	P4	Bottom	B246-Wy-	1.34	39.39	2.31	SI
2 Piso	P4	Top	B247-Ex+	1.34	39.39	1.46	SI
2 Piso	P4	Bottom	B247-Ex+	1.34	39.39	1.96	SI
2 Piso	P4	Top	B247-Ex-	1.34	39.39	1.74	SI
2 Piso	P4	Bottom	B247-Ex-	1.34	39.39	2.39	SI
2 Piso	P4	Top	B247-Ey+	1.34	39.39	1.83	SI
2 Piso	P4	Bottom	B247-Ey+	1.34	39.39	2.22	SI
2 Piso	P4	Top	B247-Ey-	1.34	39.39	1.57	SI
2 Piso	P4	Bottom	B247-Ey-	1.34	39.39	2.13	SI
2 Piso	P4	Top	B242 G	1.34	39.39	3.30	SI
2 Piso	P4	Bottom	B242 G	1.34	39.39	3.82	SI
2 Piso	P4	Top	B243-Wx- G	1.34	39.39	2.65	SI
2 Piso	P4	Bottom	B243-Wx- G	1.34	39.39	3.49	SI
2 Piso	P4	Top	B243-Wy- G	1.34	39.39	2.65	SI
2 Piso	P4	Bottom	B243-Wy- G	1.34	39.39	3.49	SI
2 Piso	P4	Top	B243-Wx+ G	1.34	39.39	2.65	SI
2 Piso	P4	Bottom	B243-Wx+ G	1.34	39.39	3.49	SI
2 Piso	P4	Top	B243-Wy+ G	1.34	39.39	2.65	SI
2 Piso	P4	Bottom	B243-Wy+ G	1.34	39.39	3.49	SI
2 Piso	P4	Top	B244-Wx- G	1.34	39.39	3.03	SI
2 Piso	P4	Bottom	B244-Wx- G	1.34	39.39	3.67	SI
2 Piso	P4	Top	B244-Wx+ G	1.34	39.39	3.03	SI
2 Piso	P4	Bottom	B244-Wx+ G	1.34	39.39	3.67	SI
2 Piso	P4	Top	B244-Wy- G	1.34	39.39	3.03	SI
2 Piso	P4	Bottom	B244-Wy- G	1.34	39.39	3.67	SI
2 Piso	P4	Top	B244-Wy+ G	1.34	39.39	3.03	SI
2 Piso	P4	Bottom	B244-Wy+ G	1.34	39.39	3.67	SI
2 Piso	P5	Top	B241	0.82	23.91	-0.49	SI
2 Piso	P5	Bottom	B241	0.82	23.91	0.79	SI
2 Piso	P5	Top	B242 Loub	0.82	23.91	-0.41	SI
2 Piso	P5	Bottom	B242 Loub	0.82	23.91	0.96	SI
2 Piso	P5	Top	B243-Wx+ Loub	0.82	23.91	-0.52	SI
2 Piso	P5	Bottom	B243-Wx+ Loub	0.82	23.91	0.84	SI
2 Piso	P5	Top	B243-Wx- Loub	0.82	23.91	-0.52	SI
2 Piso	P5	Bottom	B243-Wx- Loub	0.82	23.91	0.89	SI
2 Piso	P5	Top	B243-Wy+ Loub	0.82	23.91	-0.52	SI
2 Piso	P5	Bottom	B243-Wy+ Loub	0.82	23.91	0.83	SI
2 Piso	P5	Top	B243-Wy- Loub	0.82	23.91	-0.52	SI
2 Piso	P5	Bottom	B243-Wy- Loub	0.82	23.91	0.83	SI
2 Piso	P5	Top	B244-Wx+ Loub	0.82	23.91	-0.49	SI
2 Piso	P5	Bottom	B244-Wx+ Loub	0.82	23.91	0.78	SI
2 Piso	P5	Top	B244-Wx- Loub	0.82	23.91	-0.49	SI
2 Piso	P5	Bottom	B244-Wx- Loub	0.82	23.91	0.78	SI
2 Piso	P5	Top	B244-Wy+ Loub	0.82	23.91	-0.49	SI
2 Piso	P5	Bottom	B244-Wy+ Loub	0.82	23.91	0.78	SI
2 Piso	P5	Top	B244-Wy- Loub	0.82	23.91	-0.49	SI
2 Piso	P5	Bottom	B244-Wy- Loub	0.82	23.91	0.78	SI
2 Piso	P5	Top	B245-Ex+	0.82	23.91	-0.87	SI
2 Piso	P5	Bottom	B245-Ex+	0.82	23.91	1.12	SI
2 Piso	P5	Top	B245-Ex-	0.82	23.91	-0.08	SI
2 Piso	P5	Bottom	B245-Ex-	0.82	23.91	0.42	SI
2 Piso	P5	Top	B245-Ey+	0.82	23.91	-0.34	SI
2 Piso	P5	Bottom	B245-Ey+	0.82	23.91	0.89	SI
2 Piso	P5	Top	B245-Ey-	0.82	23.91	-0.40	SI
2 Piso	P5	Bottom	B245-Ey-	0.82	23.91	0.85	SI
2 Piso	P5	Top	B246-Wx+	0.82	23.91	-0.35	SI
2 Piso	P5	Bottom	B246-Wx+	0.82	23.91	0.47	SI
2 Piso	P5	Top	B246-Wx-	0.82	23.91	-0.35	SI
2 Piso	P5	Bottom	B246-Wx-	0.82	23.91	0.47	SI
2 Piso	P5	Top	B246-Wy+	0.82	23.91	-0.35	SI
2 Piso	P5	Bottom	B246-Wy+	0.82	23.91	0.47	SI
2 Piso	P5	Top	B246-Wy-	0.82	23.91	-0.35	SI
2 Piso	P5	Bottom	B246-Wy-	0.82	23.91	0.47	SI
2 Piso	P5	Top	B247-Ex+	0.82	23.91	-0.57	SI
2 Piso	P5	Bottom	B247-Ex+	0.82	23.91	0.82	SI
2 Piso	P5	Top	B247-Ex-	0.82	23.91	0.22	SI
2 Piso	P5	Bottom	B247-Ex-	0.82	23.91	0.12	SI

STORY	MURO	LOC.	COMB	Aalv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P5	Top	B247-Ey+	0.82	23.91	-0.24	SI
2 Piso	P5	Bottom	B247-Ey+	0.82	23.91	0.39	SI
2 Piso	P5	Top	B247-Ey-	0.82	23.91	-0.39	SI
2 Piso	P5	Bottom	B247 Ey-	0.82	23.91	0.56	SI
2 Piso	P5	Top	B242 G	0.82	23.91	0.48	SI
2 Piso	P5	Bottom	B242 G	0.82	23.91	0.66	SI
2 Piso	P5	Top	B243-Wx- G	0.82	23.91	-0.73	SI
2 Piso	P5	Bottom	B243-Wx- G	0.82	23.91	0.64	SI
2 Piso	P5	Top	B243-Wy- G	0.82	23.91	-0.73	SI
2 Piso	P5	Bottom	B243-Wy- G	0.82	23.91	0.64	SI
2 Piso	P5	Top	B243 Wx+ G	0.82	23.91	-0.73	SI
2 Piso	P5	Bottom	B243-Wx+ G	0.82	23.91	0.64	SI
2 Piso	P5	Top	B243-Wy+ G	0.82	23.91	-0.73	SI
2 Piso	P5	Bottom	B243-Wy+ G	0.82	23.91	0.64	SI
2 Piso	P5	Top	B244 Wx- G	0.82	23.91	-0.56	SI
2 Piso	P5	Bottom	B244-Wx- G	0.82	23.91	0.78	SI
2 Piso	P5	Top	B244-Wx+ G	0.82	23.91	-0.56	SI
2 Piso	P5	Bottom	B244-Wx+ G	0.82	23.91	0.79	SI
2 Piso	P5	Top	B244-Wy- G	0.82	23.91	-0.56	SI
2 Piso	P5	Bottom	B244-Wy- G	0.82	23.91	0.78	SI
2 Piso	P5	Top	B244-Wy+ G	0.82	23.91	-0.56	SI
2 Piso	P5	Bottom	B244-Wy+ G	0.82	23.91	0.78	SI
2 Piso	P7	Top	B241	3.53	103.31	-3.80	SI
2 Piso	P7	Bottom	B241	3.53	103.31	-4.97	SI
2 Piso	P7	Top	B242 Loub	3.53	103.31	-6.72	SI
2 Piso	P7	Bottom	B242 Loub	3.53	103.31	-8.82	SI
2 Piso	P7	Top	B243-Wx+ Loub	3.53	103.31	-3.40	SI
2 Piso	P7	Bottom	B243-Wx+ Loub	3.53	103.31	-4.48	SI
2 Piso	P7	Top	B243-Wx- Loub	3.53	103.31	-3.40	SI
2 Piso	P7	Bottom	B243-Wx- Loub	3.53	103.31	-4.48	SI
2 Piso	P7	Top	B243-Wy+ Loub	3.53	103.31	-3.40	SI
2 Piso	P7	Bottom	B243-Wy+ Loub	3.53	103.31	-4.48	SI
2 Piso	P7	Top	B243-Wy- Loub	3.53	103.31	-3.40	SI
2 Piso	P7	Bottom	B243-Wy- Loub	3.53	103.31	-4.40	SI
2 Piso	P7	Top	B244-Wx+ Loub	3.53	103.31	-5.51	SI
2 Piso	P7	Bottom	B244-Wx+ Loub	3.53	103.31	-7.12	SI
2 Piso	P7	Top	B244-Wx- Loub	3.53	103.31	-5.51	SI
2 Piso	P7	Bottom	B244-Wx- Loub	3.53	103.31	-7.12	SI
2 Piso	P7	Top	B244-Wy+ Loub	3.53	103.31	-5.51	SI
2 Piso	P7	Bottom	B244-Wy+ Loub	3.53	103.31	-7.12	SI
2 Piso	P7	Top	B244-Wy- Loub	3.53	103.31	-5.51	SI
2 Piso	P7	Bottom	B244-Wy- Loub	3.53	103.31	-7.12	SI
2 Piso	P7	Top	B245-Ex+	3.53	103.31	-8.51	SI
2 Piso	P7	Bottom	B245-Ex+	3.53	103.31	-10.04	SI
2 Piso	P7	Top	B245-Ex-	3.53	103.31	2.29	SI
2 Piso	P7	Bottom	B245-Ex-	3.53	103.31	-3.87	SI
2 Piso	P7	Top	B245-Ey+	3.53	103.31	-5.45	SI
2 Piso	P7	Bottom	B245-Ey+	3.53	103.31	-8.98	SI
2 Piso	P7	Top	B245-Ey-	3.53	103.31	-5.35	SI
2 Piso	P7	Bottom	B245-Ey-	3.53	103.31	6.68	SI
2 Piso	P7	Top	B246-Wx+	3.53	103.31	2.82	SI
2 Piso	P7	Bottom	B246-Wx+	3.53	103.31	-3.31	SI
2 Piso	P7	Top	B246-Wx-	3.53	103.31	-2.52	SI
2 Piso	P7	Bottom	B246-Wx-	3.53	103.31	-3.31	SI
2 Piso	P7	Top	B246-Wy+	3.53	103.31	-2.52	SI
2 Piso	P7	Bottom	B246-Wy+	3.53	103.31	-3.31	SI
2 Piso	P7	Top	B246-Wy-	3.53	103.31	-2.52	SI
2 Piso	P7	Bottom	B246-Wy-	3.53	103.31	-3.31	SI
2 Piso	P7	Top	B247-Ex+	3.53	103.31	-5.55	SI
2 Piso	P7	Bottom	B247-Ex+	3.53	103.31	-8.28	SI
2 Piso	P7	Top	B247-Ex-	3.53	103.31	0.68	SI
2 Piso	P7	Bottom	B247-Ex-	3.53	103.31	-0.11	SI
2 Piso	P7	Top	B247-Ey+	3.53	103.31	-2.50	SI
2 Piso	P7	Bottom	B247-Ey+	3.53	103.31	-3.17	SI
2 Piso	P7	Top	B247-Ey-	3.53	103.31	-2.39	SI
2 Piso	P7	Bottom	B247-Ey-	3.53	103.31	-3.22	SI
2 Piso	P7	Top	B242 G	3.53	103.31	6.78	SI
2 Piso	P7	Bottom	B242 G	3.53	103.31	-8.72	SI
2 Piso	P7	Top	B243-Wx- G	3.53	103.31	-0.59	SI
2 Piso	P7	Bottom	B243-Wx- G	3.53	103.31	-4.76	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Avv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P7	Top	B243-Wy- G	3.53	103.31	-3.69	SI
2 Piso	P7	Bottom	B243-Wy- G	3.53	103.31	-4.78	SI
2 Piso	P7	Top	B243-Wx+ G	3.53	103.31	-3.50	SI
2 Piso	P7	Bottom	B243-Wx+ G	3.53	103.31	-4.78	SI
2 Piso	P7	Top	B243-Wy+ G	3.53	103.31	-3.50	SI
2 Piso	P7	Bottom	B243-Wy+ G	3.53	103.31	-4.78	SI
2 Piso	P7	Top	B244-Wx- G	3.53	103.31	-5.57	SI
2 Piso	P7	Bottom	B244-Wx- G	3.53	103.31	-7.21	SI
2 Piso	P7	Top	B244-Wx+ G	3.53	103.31	-5.57	SI
2 Piso	P7	Bottom	B244-Wx+ G	3.53	103.31	-7.21	SI
2 Piso	P7	Top	B244-Wy- G	3.53	103.31	-5.57	SI
2 Piso	P7	Bottom	B244-Wy- G	3.53	103.31	-7.21	SI
2 Piso	P7	Top	B244-Wy+ G	3.53	103.31	-5.57	SI
2 Piso	P7	Bottom	B244-Wy+ G	3.53	103.31	-7.21	SI
2 Piso	P10	Top	B241	2.19	64.18	1.99	SI
2 Piso	P10	Bottom	B241	2.19	64.18	0.54	SI
2 Piso	P10	Top	B242 Loub	2.19	64.18	1.82	SI
2 Piso	P10	Bottom	B242 Loub	2.19	64.18	1.30	SI
2 Piso	P10	Top	B243-Wx+ Loub	2.19	64.18	2.35	SI
2 Piso	P10	Bottom	B243-Wx+ Loub	2.19	64.18	0.55	SI
2 Piso	P10	Top	B243-Wx- Loub	2.19	64.18	2.35	SI
2 Piso	P10	Bottom	B243-Wx- Loub	2.19	64.18	0.55	SI
2 Piso	P10	Top	B243-Wy+ Loub	2.19	64.18	2.35	SI
2 Piso	P10	Bottom	B243-Wy+ Loub	2.19	64.18	0.55	SI
2 Piso	P10	Top	B243-Wy- Loub	2.19	64.18	2.35	SI
2 Piso	P10	Bottom	B243-Wy- Loub	2.19	64.18	0.55	SI
2 Piso	P10	Top	B244-Wx+ Loub	2.19	64.18	2.24	SI
2 Piso	P10	Bottom	B244-Wx+ Loub	2.19	64.18	1.04	SI
2 Piso	P10	Top	B244-Wx- Loub	2.19	64.18	2.24	SI
2 Piso	P10	Bottom	B244-Wx- Loub	2.19	64.18	1.04	SI
2 Piso	P10	Top	B244-Wy+ Loub	2.19	64.18	2.24	SI
2 Piso	P10	Bottom	B244-Wy+ Loub	2.19	64.18	1.04	SI
2 Piso	P10	Top	B244-Wy- Loub	2.19	64.18	2.24	SI
2 Piso	P10	Bottom	B244-Wy- Loub	2.19	64.18	1.04	SI
2 Piso	P10	Top	B245-Ex+	2.19	64.18	1.11	SI
2 Piso	P10	Bottom	B245-Ex+	2.19	64.18	0.75	SI
2 Piso	P10	Top	B245-Ex-	2.19	64.18	2.38	SI
2 Piso	P10	Bottom	B245-Ex-	2.19	64.18	1.20	SI
2 Piso	P10	Top	B245-Ey+	2.19	64.18	1.74	SI
2 Piso	P10	Bottom	B245-Ey+	2.19	64.18	0.84	SI
2 Piso	P10	Top	B245-Ey-	2.19	64.18	1.78	SI
2 Piso	P10	Bottom	B245-Ey-	2.19	64.18	1.11	SI
2 Piso	P10	Top	B246-Wx+	2.19	64.18	1.62	SI
2 Piso	P10	Bottom	B246-Wx+	2.19	64.18	0.39	SI
2 Piso	P10	Top	B246-Wx-	2.19	64.18	1.62	SI
2 Piso	P10	Bottom	B246-Wx-	2.19	64.18	0.39	SI
2 Piso	P10	Top	B246-Wy+	2.19	64.18	1.62	SI
2 Piso	P10	Bottom	B246-Wy+	2.19	64.18	0.39	SI
2 Piso	P10	Top	B246-Wy-	2.19	64.18	1.62	SI
2 Piso	P10	Bottom	B246-Wy-	2.19	64.18	0.39	SI
2 Piso	P10	Top	B247-Ex+	2.19	64.18	0.04	SI
2 Piso	P10	Bottom	B247-Ex+	2.19	64.18	0.72	SI
2 Piso	P10	Top	B247-Ex-	2.19	64.18	2.91	SI
2 Piso	P10	Bottom	B247-Ex-	2.19	64.18	0.59	SI
2 Piso	P10	Top	B247-Ey+	2.19	64.18	1.26	SI
2 Piso	P10	Bottom	B247 Ey+	2.19	64.18	0.21	SI
2 Piso	P10	Top	B247-Ey-	2.19	64.18	1.29	SI
2 Piso	P10	Bottom	B247-Ey-	2.19	64.18	0.49	SI
2 Piso	P10	Top	B242 G	2.19	64.18	2.20	SI
2 Piso	P10	Bottom	B242 G	2.19	64.18	1.34	SI
2 Piso	P10	Top	B243-Wx- G	2.19	64.18	3.23	SI
2 Piso	P10	Bottom	B243-Wx- G	2.19	64.18	0.87	SI
2 Piso	P10	Top	B243-Wy- G	2.19	64.18	3.23	SI
2 Piso	P10	Bottom	B243-Wy- G	2.19	64.18	0.67	SI
2 Piso	P10	Top	B243-Wx+ G	2.19	64.18	3.23	SI
2 Piso	P10	Bottom	B243 Wx+ G	2.19	64.18	0.67	SI
2 Piso	P10	Top	B243-Wy+ G	2.19	64.18	3.23	SI
2 Piso	P10	Bottom	B243-Wy+ G	2.19	64.18	0.07	SI
2 Piso	P10	Top	B244-Wx- G	2.19	64.18	2.51	SI
2 Piso	P10	Bottom	B244-Wx- G	2.19	64.18	1.00	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	CONEX	Aserv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P10	Top	B244-Wx+ G	2.19	64.18	2.51	SI
2 Piso	P10	Bottom	B244-Wx+ G	2.18	64.18	1.06	SI
2 Piso	P10	Top	B244-Wy- G	2.19	64.18	2.51	SI
2 Piso	P10	Bottom	B244 Wy- G	2.19	64.18	1.06	SI
2 Piso	P10	Top	B244-Wy+ G	2.19	64.18	2.51	SI
2 Piso	P10	Bottom	B244-Wy+ G	2.19	64.18	1.06	SI
2 Piso	P11A	Top	B241	0.92	27.08	-1.58	SI
2 Piso	P11A	Bottom	B241	0.92	27.08	0.31	SI
2 Piso	P11A	Top	B242 Loub	0.92	27.08	-1.34	SI
2 Piso	P11A	Bottom	B242 Loub	0.92	27.08	-0.05	SI
2 Piso	P11A	Top	B243-Wx+ Loub	0.92	27.08	-1.50	SI
2 Piso	P11A	Bottom	B243-Wx+ Loub	0.92	27.08	0.25	SI
2 Piso	P11A	Top	B243-Wx- Loub	0.92	27.08	-1.50	SI
2 Piso	P11A	Bottom	B243-Wx- Loub	0.92	27.08	0.25	SI
2 Piso	P11A	Top	B243-Wy+ Loub	0.92	27.08	1.50	SI
2 Piso	P11A	Bottom	B243-Wy+ Loub	0.92	27.08	0.25	SI
2 Piso	P11A	Top	B243-Wy- Loub	0.92	27.08	-1.50	SI
2 Piso	P11A	Bottom	B243-Wy- Loub	0.92	27.08	0.25	SI
2 Piso	P11A	Top	B244-Wx+ Loub	0.92	27.08	-1.48	SI
2 Piso	P11A	Bottom	B244-Wx+ Loub	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wx- Loub	0.92	27.08	-1.48	SI
2 Piso	P11A	Bottom	B244-Wx- Loub	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wy+ Loub	0.92	27.08	-1.48	SI
2 Piso	P11A	Bottom	B244-Wy+ Loub	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wy- Loub	0.92	27.08	-1.48	SI
2 Piso	P11A	Bottom	B244-Wy- Loub	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B246 Ex+	0.92	27.08	1.62	SI
2 Piso	P11A	Bottom	B245-Ex+	0.92	27.08	0.01	SI
2 Piso	P11A	Top	B245-Ex-	0.92	27.08	-0.90	SI
2 Piso	P11A	Bottom	B245-Ex-	0.92	27.08	0.14	SI
2 Piso	P11A	Top	B245-Ey+	0.92	27.08	-1.11	SI
2 Piso	P11A	Bottom	B245-Ey+	0.92	27.08	0.08	SI
2 Piso	P11A	Top	B245 Ey-	0.92	27.08	1.31	SI
2 Piso	P11A	Bottom	B245-Ey-	0.92	27.08	0.07	SI
2 Piso	P11A	Top	B248-Wx+	0.92	27.08	-1.05	SI
2 Piso	P11A	Bottom	B248-Wx+	0.92	27.08	0.19	SI
2 Piso	P11A	Top	B248-Wx-	0.92	27.08	-1.05	SI
2 Piso	P11A	Bottom	B248-Wx-	0.92	27.08	0.19	SI
2 Piso	P11A	Top	B248 Wy+	0.92	27.08	-1.05	SI
2 Piso	P11A	Bottom	B248-Wy+	0.92	27.08	0.19	SI
2 Piso	P11A	Top	B248-Wy-	0.92	27.08	-1.05	SI
2 Piso	P11A	Bottom	B248-Wy-	0.92	27.08	0.19	SI
2 Piso	P11A	Top	B247-Ex+	0.92	27.08	-1.17	SI
2 Piso	P11A	Bottom	B247-Ex+	0.92	27.08	0.14	SI
2 Piso	P11A	Top	B247 Ex-	0.92	27.08	-0.53	SI
2 Piso	P11A	Bottom	B247-Ex-	0.92	27.08	0.28	SI
2 Piso	P11A	Top	B247-Ey+	0.92	27.08	-0.78	SI
2 Piso	P11A	Bottom	B247-Ey+	0.92	27.08	0.20	SI
2 Piso	P11A	Top	B247-Ey-	0.92	27.08	0.88	SI
2 Piso	P11A	Bottom	B247-Ey-	0.92	27.08	0.16	SI
2 Piso	P11A	Top	B242 G	0.92	27.08	-1.49	SI
2 Piso	P11A	Bottom	B242 G	0.92	27.08	-0.05	SI
2 Piso	P11A	Top	B243-Wx- G	0.92	27.08	-2.00	SI
2 Piso	P11A	Bottom	B243-Wx- G	0.92	27.08	0.23	SI
2 Piso	P11A	Top	B243 Wy- G	0.92	27.08	2.00	SI
2 Piso	P11A	Bottom	B243 Wy- G	0.92	27.08	0.23	SI
2 Piso	P11A	Top	B243-Wx+ G	0.92	27.08	-2.00	SI
2 Piso	P11A	Bottom	B243-Wx+ G	0.92	27.08	0.23	SI
2 Piso	P11A	Top	B243-Wy+ G	0.92	27.08	-2.00	SI
2 Piso	P11A	Bottom	B243-Wy+ G	0.92	27.08	0.23	SI
2 Piso	P11A	Top	B244-Wx- G	0.92	27.08	-1.64	SI
2 Piso	P11A	Bottom	B244 Wx- G	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wx+ G	0.92	27.08	-1.64	SI
2 Piso	P11A	Bottom	B244-Wx+ G	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wy- G	0.92	27.08	-1.64	SI
2 Piso	P11A	Bottom	B244-Wy- G	0.92	27.08	0.06	SI
2 Piso	P11A	Top	B244-Wy+ G	0.92	27.08	-1.64	SI
2 Piso	P11A	Bottom	B244-Wy+ G	0.92	27.08	0.06	SI
2 Piso	P11B	Top	B241	0.65	18.99	-1.00	SI
2 Piso	P11B	Bottom	B241	0.65	18.99	0.22	SI

STORY	MURO	LOC.	COMB	Aasv (m²)	ΦVn (ton)	V3u (ton)	Cumple
2 Piso	P11B	Top	B242 Lcub	0.65	18.99	-0.88	SI
2 Piso	P11B	Bottom	B242 Lcub	0.65	18.99	-0.31	SI
2 Piso	P11B	Top	B243-Wx+ Lcub	0.65	18.99	-1.26	SI
2 Piso	P11B	Bottom	B243-Wx+ Lcub	0.65	18.99	0.27	SI
2 Piso	P11B	Top	B243-Wx- Lcub	0.65	18.99	-1.26	SI
2 Piso	P11B	Bottom	B243-Wx- Lcub	0.65	18.99	0.27	SI
2 Piso	P11B	Top	B243-Wy+ Lcub	0.65	18.99	-1.26	SI
2 Piso	P11B	Bottom	B243-Wy+ Lcub	0.65	18.99	0.27	SI
2 Piso	P11B	Top	B243-Wy- Lcub	0.65	18.99	-1.26	SI
2 Piso	P11B	Bottom	B243-Wy- Lcub	0.65	18.99	0.27	SI
2 Piso	P11B	Top	B244-Wx+ Lcub	0.65	18.99	-1.11	SI
2 Piso	P11B	Bottom	B244-Wx+ Lcub	0.65	18.99	-0.07	SI
2 Piso	P11B	Top	B244-Wx- Lcub	0.65	18.99	-1.11	SI
2 Piso	P11B	Bottom	B244 Wx- Lcub	0.65	18.99	-0.07	SI
2 Piso	P11B	Top	B244-Wy+ Lcub	0.65	18.99	-1.11	SI
2 Piso	P11B	Bottom	B244-Wy+ Lcub	0.65	18.99	-0.07	SI
2 Piso	P11B	Top	B244-Wy- Lcub	0.65	18.99	-1.11	SI
2 Piso	P11B	Bottom	B244 Wy- Lcub	0.65	18.99	-0.07	SI
2 Piso	P11B	Top	B245-Ex+	0.65	18.99	0.81	SI
2 Piso	P11B	Bottom	B245-Ex+	0.65	18.99	-0.45	SI
2 Piso	P11B	Top	B245-Ex-	0.65	18.99	-0.84	SI
2 Piso	P11B	Bottom	B245-Ex-	0.65	18.99	0.21	SI
2 Piso	P11B	Top	B245-Ey+	0.65	18.99	-0.99	SI
2 Piso	P11B	Bottom	B245-Ey+	0.65	18.99	-0.11	SI
2 Piso	P11B	Top	B245-Ey-	0.65	18.99	0.66	SI
2 Piso	P11B	Bottom	B245-Ey-	0.65	18.99	-0.78	SI
2 Piso	P11B	Top	B248-Wx+	0.65	18.99	-0.66	SI
2 Piso	P11B	Bottom	B248-Wx+	0.65	18.99	0.13	SI
2 Piso	P11B	Top	B248-Wx-	0.65	18.99	-0.99	SI
2 Piso	P11B	Bottom	B248-Wx-	0.65	18.99	0.18	SI
2 Piso	P11B	Top	B248 Wy+	0.65	18.99	0.96	SI
2 Piso	P11B	Bottom	B248-Wy+	0.65	18.99	0.19	SI
2 Piso	P11B	Top	B248-Wy-	0.65	18.99	-0.88	SI
2 Piso	P11B	Bottom	B248-Wy-	0.65	18.99	0.58	SI
2 Piso	P11B	Top	B247-Ex+	0.65	18.99	0.64	SI
2 Piso	P11B	Bottom	B247-Ex+	0.65	18.99	-0.20	SI
2 Piso	P11B	Top	B247 Ex-	0.65	18.99	-0.87	SI
2 Piso	P11B	Bottom	B247-Ex-	0.65	18.99	0.48	SI
2 Piso	P11B	Top	B247-Ey+	0.65	18.99	-0.83	SI
2 Piso	P11B	Bottom	B247-Ey+	0.65	18.99	0.16	SI
2 Piso	P11B	Top	B247 Ey-	0.65	18.99	-0.49	SI
2 Piso	P11B	Bottom	B247-Ey-	0.65	18.99	0.12	SI
2 Piso	P11B	Top	B242 G	0.65	18.99	-1.04	SI
2 Piso	P11B	Bottom	B242 G	0.65	18.99	-0.27	SI
2 Piso	P11B	Top	B243-Wx- G	0.65	18.99	-1.78	SI
2 Piso	P11B	Bottom	B243-Wx- G	0.65	18.99	0.38	SI
2 Piso	P11B	Top	B243 Wx- G	0.65	18.99	-1.78	SI
2 Piso	P11B	Bottom	B243-Wy- G	0.65	18.99	0.35	SI
2 Piso	P11B	Top	B243-Wx+ G	0.65	18.99	-1.76	SI
2 Piso	P11B	Bottom	B243-Wx+ G	0.65	18.99	0.36	SI
2 Piso	P11B	Top	B243-Wy+ G	0.65	18.99	-1.78	SI
2 Piso	P11B	Bottom	B243-Wy+ G	0.65	18.99	0.38	SI
2 Piso	P11B	Top	B244-Wx- G	0.65	18.99	-1.28	SI
2 Piso	P11B	Bottom	B244-Wx- G	0.65	18.99	-0.04	SI
2 Piso	P11B	Top	B244-Wx+ G	0.65	18.99	-1.28	SI
2 Piso	P11B	Bottom	B244-Wx+ G	0.65	18.99	-0.04	SI
2 Piso	P11B	Top	B244-Wy- G	0.65	18.99	-1.28	SI
2 Piso	P11B	Bottom	B244-Wy- G	0.65	18.99	-0.04	SI
2 Piso	P11B	Top	B244-Wy+ G	0.65	18.99	-1.28	SI
2 Piso	P11B	Bottom	B244-Wy+ G	0.65	18.99	-0.04	SI
2 Piso	P13	Top	B241	3.53	103.48	3.81	SI
2 Piso	P13	Bottom	B241	3.53	103.48	4.81	SI
2 Piso	P13	Top	B242 Lcub	3.53	103.48	8.34	SI
2 Piso	P13	Bottom	B242 Lcub	3.53	103.48	10.38	SI
2 Piso	P13	Top	B243-Wx+ Lcub	3.53	103.48	3.31	SI
2 Piso	P13	Bottom	B243-Wx+ Lcub	3.53	103.48	4.23	SI
2 Piso	P13	Top	B243-Wx- Lcub	3.53	103.48	3.31	SI
2 Piso	P13	Bottom	B243-Wx- Lcub	3.53	103.48	4.23	SI
2 Piso	P13	Top	B243-Wy+ Lcub	3.53	103.48	3.31	SI
2 Piso	P13	Bottom	B243-Wy+ Lcub	3.53	103.48	4.23	SI

STORY	MURO	LOC.	COMB	Asw (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P13	Top	B243-Wy- Lcub	3.53	103.48	3.31	SI
2 Piso	P13	Bottom	B243-Wy- Lcub	3.53	103.48	4.23	SI
2 Piso	P13	Top	B244-Wx+ Lcub	3.53	103.48	6.47	SI
2 Piso	P13	Bottom	B244-Wx+ Lcub	3.53	103.48	8.10	SI
2 Piso	P13	Top	B244-Wx- Lcub	3.53	103.48	6.47	SI
2 Piso	P13	Bottom	B244-Wx- Lcub	3.53	103.48	8.10	SI
2 Piso	P13	Top	B244-Wy+ Lcub	3.53	103.48	6.47	SI
2 Piso	P13	Bottom	B244-Wy+ Lcub	3.53	103.48	8.10	SI
2 Piso	P13	Top	B244-Wy- Lcub	3.53	103.48	6.47	SI
2 Piso	P13	Bottom	B244-Wy- Lcub	3.53	103.48	8.10	SI
2 Piso	P13	Top	B245-Ex+	3.53	103.48	3.95	SI
2 Piso	P13	Bottom	B245-Ex+	3.53	103.48	4.94	SI
2 Piso	P13	Top	B245-Ex-	3.53	103.48	8.52	SI
2 Piso	P13	Bottom	B245-Ex-	3.53	103.48	11.10	SI
2 Piso	P13	Top	B245-Ey+	3.53	103.48	6.50	SI
2 Piso	P13	Bottom	B245-Ey+	3.53	103.48	8.03	SI
2 Piso	P13	Top	B245-Ey-	3.53	103.48	6.37	SI
2 Piso	P13	Bottom	B245-Ey-	3.53	103.48	8.00	SI
2 Piso	P13	Top	B246-Wx+	3.53	103.48	2.47	SI
2 Piso	P13	Bottom	B246-Wx+	3.53	103.48	3.15	SI
2 Piso	P13	Top	B246-Wx-	3.53	103.48	2.47	SI
2 Piso	P13	Bottom	B246-Wx-	3.53	103.48	3.15	SI
2 Piso	P13	Top	B246-Wy+	3.53	103.48	2.47	SI
2 Piso	P13	Bottom	B246-Wy+	3.53	103.48	3.15	SI
2 Piso	P13	Top	B246-Wy-	3.53	103.48	2.47	SI
2 Piso	P13	Bottom	B246-Wy-	3.53	103.48	3.15	SI
2 Piso	P13	Top	B247-Ex+	3.53	103.48	-0.63	SI
2 Piso	P13	Bottom	B247-Ex+	3.53	103.48	0.01	SI
2 Piso	P13	Top	B247-Ex-	3.53	103.48	5.53	SI
2 Piso	P13	Bottom	B247-Ex-	3.53	103.48	6.97	SI
2 Piso	P13	Top	B247-Ey+	3.53	103.48	2.91	SI
2 Piso	P13	Bottom	B247-Ey+	3.53	103.48	3.10	SI
2 Piso	P13	Top	B247-Ey-	3.53	103.48	2.90	SI
2 Piso	P13	Bottom	B247-Ey-	3.53	103.48	3.09	SI
2 Piso	P13	Top	B242 G	3.53	103.48	0.36	SI
2 Piso	P13	Bottom	B242 G	3.53	103.48	10.43	SI
2 Piso	P13	Top	B243-Wx- G	3.53	103.48	3.37	SI
2 Piso	P13	Bottom	B243-Wx- G	3.53	103.48	4.39	SI
2 Piso	P13	Top	B243-Wy- G	3.53	103.48	3.37	SI
2 Piso	P13	Bottom	B243-Wy- G	3.53	103.48	4.38	SI
2 Piso	P13	Top	B243-Wx+ G	3.53	103.48	3.37	SI
2 Piso	P13	Bottom	B243-Wx+ G	3.53	103.48	4.38	SI
2 Piso	P13	Top	B243-Wy+ G	3.53	103.48	3.37	SI
2 Piso	P13	Bottom	B243-Wy+ G	3.53	103.48	4.38	SI
2 Piso	P13	Top	B244-Wx- G	3.53	103.48	6.48	SI
2 Piso	P13	Bottom	B244-Wx- G	3.53	103.48	8.15	SI
2 Piso	P13	Top	B244-Wx+ G	3.53	103.48	6.48	SI
2 Piso	P13	Bottom	B244-Wx+ G	3.53	103.48	8.15	SI
2 Piso	P13	Top	B244-Wy- G	3.53	103.48	6.48	SI
2 Piso	P13	Bottom	B244-Wy- G	3.53	103.48	8.15	SI
2 Piso	P13	Top	B244-Wy+ G	3.53	103.48	6.48	SI
2 Piso	P13	Bottom	B244 Wy+ G	3.53	103.48	8.15	SI
2 Piso	P18	Top	B241	0.89	26.11	-0.91	SI
2 Piso	P18	Bottom	B241	0.89	26.11	-1.40	SI
2 Piso	P18	Top	B242 Lcub	0.89	26.11	-0.66	SI
2 Piso	P18	Bottom	B242 Lcub	0.89	26.11	-2.52	SI
2 Piso	P18	Top	B243-Wx+ Lcub	0.89	26.11	-1.09	SI
2 Piso	P18	Bottom	B243-Wx+ Lcub	0.89	26.11	-1.32	SI
2 Piso	P18	Top	B243-Wx- Lcub	0.89	26.11	-1.09	SI
2 Piso	P18	Bottom	B243-Wx- Lcub	0.89	26.11	-1.32	SI
2 Piso	P18	Top	B243-Wy+ Lcub	0.89	26.11	-1.09	SI
2 Piso	P18	Bottom	B243-Wy+ Lcub	0.89	26.11	-1.32	SI
2 Piso	P18	Top	B243-Wy- Lcub	0.89	26.11	-1.09	SI
2 Piso	P18	Bottom	B243-Wy- Lcub	0.89	26.11	-1.32	SI
2 Piso	P18	Top	B244-Wx+ Lcub	0.89	26.11	-1.02	SI
2 Piso	P18	Bottom	B244-Wx+ Lcub	0.89	26.11	-2.10	SI
2 Piso	P18	Top	B244-Wx- Lcub	0.89	26.11	-1.02	SI
2 Piso	P18	Bottom	B244-Wx- Lcub	0.89	26.11	-2.10	SI
2 Piso	P18	Top	B244-Wy+ Lcub	0.89	26.11	-1.02	SI
2 Piso	P18	Bottom	B244-Wy+ Lcub	0.89	26.11	-2.10	SI

STORY	MURO	LOC.	COMB	Asw (m²)	ΦVn (ton)	Vu2u (ton)	Cumple
2 Piso	P18	Top	B244 Wy- Lcub	0.89	26.11	1.02	SI
2 Piso	P18	Bottom	B244-Wy- Lcub	0.89	26.11	-2.10	SI
2 Piso	P18	Top	B245-Ex+	0.88	26.11	-1.42	SI
2 Piso	P18	Bottom	B245-Ex+	0.88	26.11	-1.93	SI
2 Piso	P18	Top	B245-Ex-	0.88	26.11	-0.15	SI
2 Piso	P18	Bottom	B245-Ex-	0.88	26.11	-2.12	SI
2 Piso	P18	Top	B245 Ey+	0.89	26.11	-0.59	SI
2 Piso	P18	Bottom	B245-Ey+	0.89	26.11	-2.04	SI
2 Piso	P18	Top	B245-Ey-	0.89	26.11	-0.98	SI
2 Piso	P18	Bottom	B245-Ey-	0.89	26.11	-2.07	SI
2 Piso	P18	Top	B246-Wx+	0.89	26.11	-0.75	SI
2 Piso	P18	Bottom	B246-Wx+	0.89	26.11	-0.87	SI
2 Piso	P18	Top	B246 Wx-	0.89	26.11	-0.75	SI
2 Piso	P18	Bottom	B246-Wx-	0.88	26.11	-0.97	SI
2 Piso	P18	Top	B246-Wy+	0.89	26.11	-0.75	SI
2 Piso	P18	Bottom	B246-Wy+	0.89	26.11	-0.97	SI
2 Piso	P18	Top	B246 Wy-	0.89	26.11	-0.75	SI
2 Piso	P18	Bottom	B246-Wy-	0.89	26.11	-0.97	SI
2 Piso	P18	Top	B247-Ex+	0.89	26.11	-1.22	SI
2 Piso	P18	Bottom	B247-Ex+	0.89	26.11	-0.82	SI
2 Piso	P18	Top	B247-Ex-	0.88	26.11	0.09	SI
2 Piso	P18	Bottom	B247-Ex-	0.89	26.11	-1.02	SI
2 Piso	P18	Top	B247-Ey+	0.89	26.11	-0.38	SI
2 Piso	P18	Bottom	B247-Ey+	0.89	26.11	0.84	SI
2 Piso	P18	Top	B247-Ey-	0.89	26.11	-0.78	SI
2 Piso	P18	Bottom	B247-Ey-	0.89	26.11	-0.91	SI
2 Piso	P18	Top	B242 G	0.89	26.11	-0.99	SI
2 Piso	P18	Bottom	B242 G	0.89	26.11	-2.56	SI
2 Piso	P18	Top	B243-Wx- G	0.89	26.11	-1.51	SI
2 Piso	P18	Bottom	B243-Wx- G	0.89	26.11	-1.45	SI
2 Piso	P18	Top	B243-Wy- G	0.89	26.11	-1.51	SI
2 Piso	P18	Bottom	B243-Wy- G	0.89	26.11	-1.45	SI
2 Piso	P18	Top	B243-Wx+ G	0.89	26.11	-1.51	SI
2 Piso	P18	Bottom	B243-Wx+ G	0.89	26.11	-1.45	SI
2 Piso	P18	Top	B243-Wy+ G	0.89	26.11	-1.51	SI
2 Piso	P18	Bottom	B243-Wy+ G	0.89	26.11	-1.45	SI
2 Piso	P18	Top	B244-Wx- G	0.89	26.11	-1.15	SI
2 Piso	P18	Bottom	B244-Wx- G	0.89	26.11	-2.14	SI
2 Piso	P18	Top	B244-Wx+ G	0.89	26.11	-1.15	SI
2 Piso	P18	Bottom	B244-Wx+ G	0.89	26.11	-2.14	SI
2 Piso	P18	Top	B244-Wy- G	0.89	26.11	-1.15	SI
2 Piso	P18	Bottom	B244-Wy- G	0.89	26.11	-2.14	SI
2 Piso	P18	Top	B244-Wy+ G	0.89	26.11	-1.15	SI
2 Piso	P18	Bottom	B244-Wy+ G	0.89	26.11	-2.14	SI
2 Piso	P17	Top	B241	1.33	39.04	-1.35	SI
2 Piso	P17	Bottom	B241	1.33	39.04	-2.60	SI
2 Piso	P17	Top	B242 Lcub	1.33	39.04	-3.05	SI
2 Piso	P17	Bottom	B242 Lcub	1.33	39.04	-4.92	SI
2 Piso	P17	Top	B243-Wx+ Lcub	1.33	39.04	-1.09	SI
2 Piso	P17	Bottom	B243-Wx+ Lcub	1.33	39.04	-2.41	SI
2 Piso	P17	Top	B243-Wx- Lcub	1.33	39.04	-1.09	SI
2 Piso	P17	Bottom	B243-Wx- Lcub	1.33	39.04	-2.41	SI
2 Piso	P17	Top	B243-Wy+ Lcub	1.33	39.04	-1.09	SI
2 Piso	P17	Bottom	B243-Wy+ Lcub	1.33	39.04	-2.41	SI
2 Piso	P17	Top	B243-Wy- Lcub	1.33	39.04	-1.09	SI
2 Piso	P17	Bottom	B243-Wy- Lcub	1.33	39.04	-2.41	SI
2 Piso	P17	Top	B244-Wx+ Lcub	1.33	39.04	2.30	SI
2 Piso	P17	Bottom	B244-Wx+ Lcub	1.33	39.04	-4.00	SI
2 Piso	P17	Top	B244-Wx- Lcub	1.33	39.04	-2.30	SI
2 Piso	P17	Bottom	B244-Wx- Lcub	1.33	39.04	-4.00	SI
2 Piso	P17	Top	B244-Wy+ Lcub	1.33	39.04	2.30	SI
2 Piso	P17	Bottom	B244-Wy+ Lcub	1.33	39.04	-4.00	SI
2 Piso	P17	Top	B244 Wy- Lcub	1.33	39.04	2.30	SI
2 Piso	P17	Bottom	B244 Wy- Lcub	1.33	39.04	-4.00	SI
2 Piso	P17	Top	B245-Ex+	1.33	39.04	-2.43	SI
2 Piso	P17	Bottom	B245-Ex+	1.33	39.04	-4.22	SI
2 Piso	P17	Top	B245-Ex-	1.33	39.04	2.26	SI
2 Piso	P17	Bottom	B245-Ex-	1.33	39.04	-3.81	SI
2 Piso	P17	Top	B245 Ey+	1.33	39.04	-2.29	SI
2 Piso	P17	Bottom	B245 Ey+	1.33	39.04	-3.85	SI

STORY	MURO	LOC	COMB	Area (m^2)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P17	Top	B245-Ey-	1.33	39.04	-2.40	SI
2 Piso	P17	Bottom	B245-Ey-	1.33	39.04	-3.88	SI
2 Piso	P17	Top	B246-Wx+	1.33	39.04	-0.63	SI
2 Piso	P17	Bottom	B246 Wx+	1.33	39.04	-1.78	SI
2 Piso	P17	Top	B246 Wx-	1.33	39.04	-0.83	SI
2 Piso	P17	Bottom	B246-Wx-	1.33	39.04	-1.78	SI
2 Piso	P17	Top	B246-Wy+	1.33	39.04	-0.83	SI
2 Piso	P17	Bottom	B246-Wy+	1.33	39.04	-1.70	SI
2 Piso	P17	Top	B246-Wy-	1.33	39.04	-0.83	SI
2 Piso	P17	Bottom	B246-Wy-	1.33	39.04	-1.78	SI
2 Piso	P17	Top	B247-Ex+	1.33	39.04	-0.95	SI
2 Piso	P17	Bottom	B247-Ex+	1.33	39.04	-2.02	SI
2 Piso	P17	Top	B247-Ex-	1.33	39.04	-0.78	SI
2 Piso	P17	Bottom	B247-Ex-	1.33	39.04	-1.42	SI
2 Piso	P17	Top	B247-Ey+	1.33	39.04	-0.81	SI
2 Piso	P17	Bottom	B247-Ey+	1.33	39.04	-1.66	SI
2 Piso	P17	Top	B247-Ey-	1.33	39.04	-0.92	SI
2 Piso	P17	Bottom	B247-Ey-	1.33	39.04	-1.78	SI
2 Piso	P17	Top	B242 G	1.33	39.04	3.02	SI
2 Piso	P17	Bottom	B242 G	1.33	39.04	-4.86	SI
2 Piso	P17	Top	B243-Wx- G	1.33	39.04	-1.01	SI
2 Piso	P17	Bottom	B243-Wx- G	1.33	39.04	-2.56	SI
2 Piso	P17	Top	B243-Wy- G	1.33	39.04	-1.01	SI
2 Piso	P17	Bottom	B243-Wy- G	1.33	39.04	-2.56	SI
2 Piso	P17	Top	B243-Wx+ G	1.33	39.04	-1.01	SI
2 Piso	P17	Bottom	B243-Wx+ G	1.33	39.04	-2.56	SI
2 Piso	P17	Top	B243 Wy+ G	1.33	39.04	-1.01	SI
2 Piso	P17	Bottom	B243-Wy+ G	1.33	39.04	-2.56	SI
2 Piso	P17	Top	B244-Wx- G	1.33	39.04	-2.27	SI
2 Piso	P17	Bottom	B244-Wx- G	1.33	39.04	-4.05	SI
2 Piso	P17	Top	B244-Wx+ G	1.33	39.04	-2.27	SI
2 Piso	P17	Bottom	B244-Wx+ G	1.33	39.04	-4.05	SI
2 Piso	P17	Top	B244 Wy- G	1.33	39.04	-2.27	SI
2 Piso	P17	Bottom	B244-Wy- G	1.33	39.04	-4.05	SI
2 Piso	P17	Top	B244-Wy+ G	1.33	39.04	-2.27	SI
2 Piso	P17	Bottom	B244-Wy+ G	1.33	39.04	-4.05	SI
2 Piso	P18	Top	B241	1.06	31.12	-0.91	SI
2 Piso	P18	Bottom	B241	1.06	31.12	-1.62	SI
2 Piso	P18	Top	B242 Loub	1.06	31.12	-2.64	SI
2 Piso	P18	Bottom	B242 Loub	1.06	31.12	1.87	SI
2 Piso	P18	Top	B243-Wx+ Loub	1.06	31.12	-0.71	SI
2 Piso	P18	Bottom	B243-Wx+ Loub	1.06	31.12	-1.00	SI
2 Piso	P18	Top	B243-Wx- Loub	1.06	31.12	-0.71	SI
2 Piso	P18	Bottom	B243-Wx- Loub	1.06	31.12	-1.00	SI
2 Piso	P18	Top	B243-Wy+ Loub	1.06	31.12	-0.71	SI
2 Piso	P18	Bottom	B243-Wy+ Loub	1.06	31.12	-1.00	SI
2 Piso	P18	Top	B243-Wy- Loub	1.06	31.12	-0.71	SI
2 Piso	P18	Bottom	B243-Wy- Loub	1.06	31.12	-1.00	SI
2 Piso	P18	Top	B244-Wx+ Loub	1.06	31.12	-1.90	SI
2 Piso	P18	Bottom	B244-Wx+ Loub	1.06	31.12	-1.57	SI
2 Piso	P18	Top	B244-Wx- Loub	1.06	31.12	-1.90	SI
2 Piso	P18	Bottom	B244-Wx- Loub	1.06	31.12	1.57	SI
2 Piso	P18	Top	B244-Wy+ Loub	1.06	31.12	-1.90	SI
2 Piso	P18	Bottom	B244-Wy+ Loub	1.06	31.12	-1.57	SI
2 Piso	P18	Top	B244 Wy- Loub	1.06	31.12	-1.90	SI
2 Piso	P18	Bottom	B244-Wy- Loub	1.06	31.12	-1.57	SI
2 Piso	P18	Top	B245-Ex+	1.06	31.12	1.88	SI
2 Piso	P18	Bottom	B245-Ex+	1.06	31.12	2.00	SI
2 Piso	P18	Top	B245-Ex-	1.06	31.12	-1.81	SI
2 Piso	P18	Bottom	B245-Ex-	1.06	31.12	-0.96	SI
2 Piso	P18	Top	B245-Ey+	1.06	31.12	-1.99	SI
2 Piso	P18	Bottom	B245-Ey+	1.06	31.12	-0.48	SI
2 Piso	P18	Top	B245-Ey-	1.06	31.12	-1.94	SI
2 Piso	P18	Bottom	B245-Ey-	1.06	31.12	1.51	SI
2 Piso	P18	Top	B246-Wx+	1.06	31.12	-0.55	SI
2 Piso	P18	Bottom	B246-Wx+	1.06	31.12	-0.72	SI
2 Piso	P18	Top	B246 Wx-	1.06	31.12	-0.55	SI
2 Piso	P18	Bottom	B246-Wx-	1.06	31.12	-0.72	SI
2 Piso	P18	Top	B246-Wy+	1.06	31.12	-0.55	SI
2 Piso	P18	Bottom	B246-Wy+	1.06	31.12	-0.72	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Aver(m²)	ΦVn (ton)	VEDu (ton)	Cumple
2 Piso	P19	Top	B248-Wy-	1.06	31.12	-0.55	SI
2 Piso	P19	Bottom	B248-Wy-	1.06	31.12	-0.72	SI
2 Piso	P19	Top	B247-Ex+	1.06	31.12	-0.62	SI
2 Piso	P19	Bottom	B247-Ex+	1.06	31.12	-1.16	SI
2 Piso	P19	Top	B247-Ex-	1.06	31.12	-0.55	SI
2 Piso	P19	Bottom	B247-Ex-	1.06	31.12	0.14	SI
2 Piso	P19	Top	B247-Ey+	1.06	31.12	-0.95	SI
2 Piso	P19	Bottom	B247-Ey+	1.06	31.12	-0.62	SI
2 Piso	P19	Top	B247-Ey	1.06	31.12	-0.58	SI
2 Piso	P19	Bottom	B247-Ey	1.06	31.12	-0.88	SI
2 Piso	P19	Top	B242 G	1.06	31.12	-2.87	SI
2 Piso	P19	Bottom	B242 G	1.06	31.12	-1.92	SI
2 Piso	P19	Top	B243-Wx- G	1.06	31.12	-0.61	SI
2 Piso	P19	Bottom	B243-Wx- G	1.06	31.12	-1.17	SI
2 Piso	P19	Top	B243-Wy- G	1.06	31.12	-0.61	SI
2 Piso	P19	Bottom	B243-Wy- G	1.06	31.12	-1.17	SI
2 Piso	P19	Top	B243-Wx+ G	1.06	31.12	-0.61	SI
2 Piso	P19	Bottom	B243-Wx+ G	1.06	31.12	-1.17	SI
2 Piso	P19	Top	B243-Wy+ G	1.06	31.12	0.61	SI
2 Piso	P19	Bottom	B243-Wy+ G	1.06	31.12	-1.17	SI
2 Piso	P19	Top	B244-Wx- G	1.06	31.12	-1.86	SI
2 Piso	P19	Bottom	B244-Wx- G	1.06	31.12	-1.63	SI
2 Piso	P19	Top	B244-Wx+ G	1.06	31.12	-1.86	SI
2 Piso	P19	Bottom	B244-Wx+ G	1.06	31.12	-1.63	SI
2 Piso	P19	Top	B244-Wy- G	1.06	31.12	-1.86	SI
2 Piso	P19	Bottom	B244-Wy- G	1.06	31.12	-1.63	SI
2 Piso	P19	Top	B244-Wy+ G	1.06	31.12	-1.86	SI
2 Piso	P19	Bottom	B244-Wy+ G	1.06	31.12	-1.63	SI
2 Piso	P20	Top	B241	1.07	31.30	-2.12	SI
2 Piso	P20	Bottom	B241	1.07	31.30	-1.21	SI
2 Piso	P20	Top	B242 Loub	1.07	31.30	-4.03	SI
2 Piso	P20	Bottom	B242 Loub	1.07	31.30	-2.37	SI
2 Piso	P20	Top	B243-Wx+ Loub	1.07	31.30	-2.61	SI
2 Piso	P20	Bottom	B243-Wx+ Loub	1.07	31.30	-1.25	SI
2 Piso	P20	Top	B243-Wx- Loub	1.07	31.30	-2.01	SI
2 Piso	P20	Bottom	B243-Wx- Loub	1.07	31.30	-1.25	SI
2 Piso	P20	Top	B243-Wy+ Loub	1.07	31.30	-2.01	SI
2 Piso	P20	Bottom	B243-Wy+ Loub	1.07	31.30	-1.25	SI
2 Piso	P20	Top	B243-Wy- Loub	1.07	31.30	-2.01	SI
2 Piso	P20	Bottom	B243-Wy- Loub	1.07	31.30	-1.25	SI
2 Piso	P20	Top	B244-Wx+ Loub	1.07	31.30	-3.32	SI
2 Piso	P20	Bottom	B244-Wx+ Loub	1.07	31.30	-2.00	SI
2 Piso	P20	Top	B244-Wx- Loub	1.07	31.30	-3.32	SI
2 Piso	P20	Bottom	B244-Wx- Loub	1.07	31.30	-2.00	SI
2 Piso	P20	Top	B244-Wy+ Loub	1.07	31.30	-3.32	SI
2 Piso	P20	Bottom	B244-Wy+ Loub	1.07	31.30	-2.00	SI
2 Piso	P20	Top	B244-Wy- Loub	1.07	31.30	-3.32	SI
2 Piso	P20	Bottom	B244-Wy- Loub	1.07	31.30	-2.00	SI
2 Piso	P20	Top	B245-Ex+	1.07	31.30	-3.84	SI
2 Piso	P20	Bottom	B245-Ex+	1.07	31.30	-2.34	SI
2 Piso	P20	Top	B245-Ex-	1.07	31.30	-2.70	SI
2 Piso	P20	Bottom	B245-Ex-	1.07	31.30	1.34	SI
2 Piso	P20	Top	B245-Ey+	1.07	31.30	-3.18	SI
2 Piso	P20	Bottom	B245-Ey+	1.07	31.30	-1.65	SI
2 Piso	P20	Top	B245-Ey	1.07	31.30	-3.18	SI
2 Piso	P20	Bottom	B245-Ey	1.07	31.30	-1.65	SI
2 Piso	P20	Top	B246-Wx+	1.07	31.30	-1.46	SI
2 Piso	P20	Bottom	B246-Wx+	1.07	31.30	0.89	SI
2 Piso	P20	Top	B246-Wx-	1.07	31.30	-1.46	SI
2 Piso	P20	Bottom	B246-Wx-	1.07	31.30	-0.89	SI
2 Piso	P20	Top	B246-Wy+	1.07	31.30	-1.46	SI
2 Piso	P20	Bottom	B246-Wy+	1.07	31.30	-0.89	SI
2 Piso	P20	Top	B246-Wy-	1.07	31.30	-1.46	SI
2 Piso	P20	Bottom	B246-Wy-	1.07	31.30	0.89	SI
2 Piso	P20	Top	B247-Ex+	1.07	31.30	-1.83	SI
2 Piso	P20	Bottom	B247-Ex+	1.07	31.30	-1.28	SI
2 Piso	P20	Top	B247-Ex-	1.07	31.30	-0.89	SI
2 Piso	P20	Bottom	B247-Ex-	1.07	31.30	-0.28	SI
2 Piso	P20	Top	B247-Ey+	1.07	31.30	-1.37	SI
2 Piso	P20	Bottom	B247-Ey+	1.07	31.30	0.77	SI

STORY	MURO	LOC.	COMB	Asw (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P20	Top	B247-Ey-	1.07	31.30	-1.35	SI
2 Piso	P20	Bottom	B247-Ey-	1.07	31.30	-0.78	SI
2 Piso	P20	Top	B242 G	1.07	31.30	-4.11	SI
2 Piso	P20	Bottom	B242 G	1.07	31.30	2.40	SI
2 Piso	P20	Top	B243-Wx- G	1.07	31.30	-2.28	SI
2 Piso	P20	Bottom	B243 Wx- G	1.07	31.30	-1.53	SI
2 Piso	P20	Top	B243-Wy- G	1.07	31.30	-2.28	SI
2 Piso	P20	Bottom	B243-Wy- G	1.07	31.30	-1.53	SI
2 Piso	P20	Top	B243-Wx+ G	1.07	31.30	-2.28	SI
2 Piso	P20	Bottom	B243-Wx+ G	1.07	31.30	-1.53	SI
2 Piso	P20	Top	B243-Wy+ G	1.07	31.30	-2.28	SI
2 Piso	P20	Bottom	B243-Wy+ G	1.07	31.30	-1.53	SI
2 Piso	P20	Top	B244-Wx- G	1.07	31.30	-3.40	SI
2 Piso	P20	Bottom	B244-Wx- G	1.07	31.30	-2.09	SI
2 Piso	P20	Top	B244-Wx+ G	1.07	31.30	-3.40	SI
2 Piso	P20	Bottom	B244-Wx+ G	1.07	31.30	-2.09	SI
2 Piso	P20	Top	B244-Wy- G	1.07	31.30	-3.40	SI
2 Piso	P20	Bottom	B244-Wy- G	1.07	31.30	-2.09	SI
2 Piso	P20	Top	B244-Wy+ G	1.07	31.30	-3.40	SI
2 Piso	P20	Bottom	B244-Wy+ G	1.07	31.30	-2.09	SI
2 Piso	P21	Top	B241	1.37	40.18	2.60	SI
2 Piso	P21	Bottom	B241	1.37	40.18	-3.71	SI
2 Piso	P21	Top	B242 Lcub	1.37	40.18	-3.81	SI
2 Piso	P21	Bottom	B242 Lcub	1.37	40.18	-4.14	SI
2 Piso	P21	Top	B243 Wx+ Lcub	1.37	40.18	-2.44	SI
2 Piso	P21	Bottom	B243-Wx+ Lcub	1.37	40.18	-3.44	SI
2 Piso	P21	Top	B243-Wx- Lcub	1.37	40.18	-2.44	SI
2 Piso	P21	Bottom	B243-Wx- Lcub	1.37	40.18	-3.44	SI
2 Piso	P21	Top	B243 Wy+ Lcub	1.37	40.18	-2.44	SI
2 Piso	P21	Bottom	B243 Wy+ Lcub	1.37	40.18	-3.44	SI
2 Piso	P21	Top	B243-Wy- Lcub	1.37	40.18	-2.44	SI
2 Piso	P21	Bottom	B243-Wy- Lcub	1.37	40.18	-3.44	SI
2 Piso	P21	Top	B244-Wx+ Lcub	1.37	40.18	-3.22	SI
2 Piso	P21	Bottom	B244-Wx+ Lcub	1.37	40.18	-3.94	SI
2 Piso	P21	Top	B244 Wx- Lcub	1.37	40.18	-3.22	SI
2 Piso	P21	Bottom	B244-Wx- Lcub	1.37	40.18	-3.94	SI
2 Piso	P21	Top	B244-Wy+ Lcub	1.37	40.18	-3.22	SI
2 Piso	P21	Bottom	B244-Wy+ Lcub	1.37	40.18	-3.94	SI
2 Piso	P21	Top	B244-Wy- Lcub	1.37	40.18	-3.22	SI
2 Piso	P21	Bottom	B244-Wy- Lcub	1.37	40.18	-3.94	SI
2 Piso	P21	Top	B245-Ex+	1.37	40.18	-3.19	SI
2 Piso	P21	Bottom	B245 Ex+	1.37	40.18	-3.93	SI
2 Piso	P21	Top	B245-Ex-	1.37	40.18	-2.95	SI
2 Piso	P21	Bottom	B245-Ex-	1.37	40.18	-3.96	SI
2 Piso	P21	Top	B245-Ey+	1.37	40.18	-3.07	SI
2 Piso	P21	Bottom	B245-Ey+	1.37	40.18	-3.78	SI
2 Piso	P21	Top	B245-Ey-	1.37	40.18	-3.06	SI
2 Piso	P21	Bottom	B245-Ey-	1.37	40.18	-3.71	SI
2 Piso	P21	Top	B246-Wx+	1.37	40.18	-1.78	SI
2 Piso	P21	Bottom	B246-Wx+	1.37	40.18	2.52	SI
2 Piso	P21	Top	B246-Wx-	1.37	40.18	-1.78	SI
2 Piso	P21	Bottom	B246 Wx-	1.37	40.18	-2.52	SI
2 Piso	P21	Top	B246-Wy+	1.37	40.18	-1.78	SI
2 Piso	P21	Bottom	B246-Wy+	1.37	40.18	2.52	SI
2 Piso	P21	Top	B246-Wy-	1.37	40.18	-1.78	SI
2 Piso	P21	Bottom	B246-Wy-	1.37	40.18	-2.52	SI
2 Piso	P21	Top	B247-Ex+	1.37	40.18	-1.79	SI
2 Piso	P21	Bottom	B247-Ex+	1.37	40.18	-2.58	SI
2 Piso	P21	Top	B247-Ex-	1.37	40.18	-1.55	SI
2 Piso	P21	Bottom	B247-Ex-	1.37	40.18	2.20	SI
2 Piso	P21	Top	B247-Ey+	1.37	40.18	-1.69	SI
2 Piso	P21	Bottom	B247-Ey+	1.37	40.18	-2.42	SI
2 Piso	P21	Top	B247-Ey-	1.37	40.18	-1.67	SI
2 Piso	P21	Bottom	B247 Ey-	1.37	40.18	-2.38	SI
2 Piso	P21	Top	B242 G	1.37	40.18	-3.70	SI
2 Piso	P21	Bottom	B242 G	1.37	40.18	-4.25	SI
2 Piso	P21	Top	B243-Wx- G	1.37	40.18	-2.72	SI
2 Piso	P21	Bottom	B243-Wx- G	1.37	40.18	-3.60	SI
2 Piso	P21	Top	B243 Wy- G	1.37	40.18	-2.72	SI
2 Piso	P21	Bottom	B243 Wy- G	1.37	40.18	-3.60	SI

STORY	MURO	LOC.	COMB	Area (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P21	Top	B243-Wx+ G	1.37	40.18	-2.72	SI
2 Piso	P21	Bottom	B243-Wx+ G	1.37	40.18	-3.80	SI
2 Piso	P21	Top	B243-Wy+ G	1.37	40.18	-2.72	SI
2 Piso	P21	Bottom	B243 Wy+ G	1.37	40.18	-3.80	SI
2 Piso	P21	Top	B244-Wx- G	1.37	40.18	-3.31	SI
2 Piso	P21	Bottom	B244-Wx- G	1.37	40.18	-4.05	SI
2 Piso	P21	Top	B244-Wx+ G	1.37	40.18	-3.31	SI
2 Piso	P21	Bottom	B244-Wx+ G	1.37	40.18	-4.05	SI
2 Piso	P21	Top	B244-Wy- G	1.37	40.18	-3.31	SI
2 Piso	P21	Bottom	B244 Wy- G	1.37	40.18	-4.05	SI
2 Piso	P21	Top	B244-Wy+ G	1.37	40.18	-3.31	SI
2 Piso	P21	Bottom	B244-Wy+ G	1.37	40.18	-4.05	SI
2 Piso	P22	Top	B241	0.79	23.12	0.38	SI
2 Piso	P22	Bottom	B241	0.79	23.12	-0.73	SI
2 Piso	P22	Top	B242 Lcub	0.79	23.12	0.35	SI
2 Piso	P22	Bottom	B242 Lcub	0.79	23.12	-0.85	SI
2 Piso	P22	Top	B243-Wx+ Lcub	0.79	23.12	0.46	SI
2 Piso	P22	Bottom	B243-Wx+ Lcub	0.79	23.12	-0.61	SI
2 Piso	P22	Top	B243-Wx- Lcub	0.79	23.12	0.46	SI
2 Piso	P22	Bottom	B243-Wx- Lcub	0.79	23.12	-0.61	SI
2 Piso	P22	Top	B243-Wy+ Lcub	0.79	23.12	0.46	SI
2 Piso	P22	Bottom	B243-Wy+ Lcub	0.79	23.12	0.61	SI
2 Piso	P22	Top	B243-Wy- Lcub	0.79	23.12	0.46	SI
2 Piso	P22	Bottom	B243-Wy- Lcub	0.79	23.12	-0.61	SI
2 Piso	P22	Top	B244-Wx+ Lcub	0.79	23.12	0.43	SI
2 Piso	P22	Bottom	B244-Wx+ Lcub	0.79	23.12	-0.78	SI
2 Piso	P22	Top	B244-Wx- Lcub	0.79	23.12	0.43	SI
2 Piso	P22	Bottom	B244-Wx- Lcub	0.79	23.12	-0.78	SI
2 Piso	P22	Top	B244-Wy+ Lcub	0.79	23.12	0.43	SI
2 Piso	P22	Bottom	B244-Wy+ Lcub	0.79	23.12	-0.78	SI
2 Piso	P22	Top	B244-Wy- Lcub	0.79	23.12	0.43	SI
2 Piso	P22	Bottom	B244-Wy- Lcub	0.79	23.12	-0.78	SI
2 Piso	P22	Top	B245 Ex+	0.79	23.12	0.06	SI
2 Piso	P22	Bottom	B245-Ex+	0.79	23.12	-0.35	SI
2 Piso	P22	Top	B245-Ex-	0.79	23.12	0.56	SI
2 Piso	P22	Bottom	B245-Ex-	0.79	23.12	-1.17	SI
2 Piso	P22	Top	B245-Ey+	0.79	23.12	0.91	SI
2 Piso	P22	Bottom	B245-Ey+	0.79	23.12	-0.88	SI
2 Piso	P22	Top	B245 Ey-	0.79	23.12	0.34	SI
2 Piso	P22	Bottom	B245-Ey-	0.79	23.12	-0.84	SI
2 Piso	P22	Top	B246-Wx+	0.79	23.12	0.32	SI
2 Piso	P22	Bottom	B246-Wx+	0.79	23.12	-0.46	SI
2 Piso	P22	Top	B246-Wx-	0.79	23.12	0.37	SI
2 Piso	P22	Bottom	B246-Wx-	0.79	23.12	-0.46	SI
2 Piso	P22	Top	B246-Wy+	0.79	23.12	0.32	SI
2 Piso	P22	Bottom	B246-Wy+	0.79	23.12	-0.68	SI
2 Piso	P22	Top	B246-Wy-	0.79	23.12	0.32	SI
2 Piso	P22	Bottom	B246-Wy-	0.79	23.12	-0.68	SI
2 Piso	P22	Top	B247-Ex+	0.79	23.12	0.00	SI
2 Piso	P22	Bottom	B247-Ex+	0.79	23.12	0.06	SI
2 Piso	P22	Top	B247-Ex-	0.79	23.12	0.48	SI
2 Piso	P22	Bottom	B247-Ex-	0.79	23.12	-0.68	SI
2 Piso	P22	Top	B247-Ey+	0.79	23.12	0.23	SI
2 Piso	P22	Bottom	B247-Ey+	0.79	23.12	-0.39	SI
2 Piso	P22	Top	B247-Ey-	0.79	23.12	0.39	SI
2 Piso	P22	Bottom	B247-Ey-	0.79	23.12	0.55	SI
2 Piso	P22	Top	B242 G	0.79	23.12	0.41	SI
2 Piso	P22	Bottom	B242 G	0.79	23.12	-0.84	SI
2 Piso	P22	Top	B243-Wx- G	0.79	23.12	0.65	SI
2 Piso	P22	Bottom	B243-Wx- G	0.79	23.12	-0.60	SI
2 Piso	P22	Top	B243-Wy+ G	0.79	23.12	0.65	SI
2 Piso	P22	Bottom	B243 Wy+ G	0.79	23.12	0.60	SI
2 Piso	P22	Top	B243-Wx+ G	0.79	23.12	0.65	SI
2 Piso	P22	Bottom	B243-Wx+ G	0.79	23.12	-0.60	SI
2 Piso	P22	Top	B243-Wx+ G	0.79	23.12	0.65	SI
2 Piso	P22	Bottom	B243-Wy+ G	0.79	23.12	-0.60	SI
2 Piso	P22	Top	B244-Wx- G	0.79	23.12	0.49	SI
2 Piso	P22	Bottom	B244-Wx- G	0.79	23.12	-0.75	SI
2 Piso	P22	Top	B244-Wx+ G	0.79	23.12	0.49	SI
2 Piso	P22	Bottom	B244-Wx+ G	0.79	23.12	-0.75	SI

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P22	Top	B244-Wy- G	0.78	23.12	0.49	S
2 Piso	P22	Bottom	B244-Wy- G	0.78	23.12	-0.75	S
2 Piso	P22	Top	B244-Wy+ G	0.78	23.12	0.49	SI
2 Piso	P22	Bottom	B244-Wy+ G	0.78	23.12	-0.75	SI
2 Piso	P23	Top	B241	0.44	13.01	0.48	SI
2 Piso	P23	Bottom	B241	0.44	13.01	-4.15	SI
2 Piso	P23	Top	B242 Lcub	0.44	13.01	0.87	SI
2 Piso	P23	Bottom	B242 Lcub	0.44	13.01	-9.43	SI
2 Piso	P23	Top	B243-Wx+ Lcub	0.44	13.01	0.56	SI
2 Piso	P23	Bottom	B243-Wx+ Lcub	0.44	13.01	-3.01	SI
2 Piso	P23	Top	B243-Wx- Lcub	0.44	13.01	0.56	SI
2 Piso	P23	Bottom	B243-Wx- Lcub	0.44	13.01	-3.61	SI
2 Piso	P23	Top	B243-Wy+ Lcub	0.44	13.01	0.56	SI
2 Piso	P23	Bottom	B243-Wy+ Lcub	0.44	13.01	-3.61	SI
2 Piso	P23	Top	B243-Wy- Lcub	0.44	13.01	0.56	SI
2 Piso	P23	Bottom	B243-Wy- Lcub	0.44	13.01	-3.61	SI
2 Piso	P23	Top	B244-Wx+ Lcub	0.44	13.01	0.66	SI
2 Piso	P23	Bottom	B244-Wx+ Lcub	0.44	13.01	-7.25	SI
2 Piso	P23	Top	B244-Wx- Lcub	0.44	13.01	0.66	SI
2 Piso	P23	Bottom	B244-Wx- Lcub	0.44	13.01	-7.25	SI
2 Piso	P23	Top	B244-Wy+ Lcub	0.44	13.01	0.66	SI
2 Piso	P23	Bottom	B244-Wy+ Lcub	0.44	13.01	-7.25	SI
2 Piso	P23	Top	B244-Wy- Lcub	0.44	13.01	0.68	SI
2 Piso	P23	Bottom	B244-Wy- Lcub	0.44	13.01	-7.25	SI
2 Piso	P23	Top	B245-Ex+	0.44	13.01	0.60	SI
2 Piso	P23	Bottom	B245-Ex+	0.44	13.01	-7.37	SI
2 Piso	P23	Top	B245-Ex-	0.44	13.01	0.42	SI
2 Piso	P23	Bottom	B245-Ex-	0.44	13.01	-7.07	SI
2 Piso	P23	Top	B245-Ey+	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B245-Ey+	0.44	13.01	-7.04	SI
2 Piso	P23	Top	B245-Ey-	0.44	13.01	0.39	SI
2 Piso	P23	Bottom	B245-Ey-	0.44	13.01	-7.40	SI
2 Piso	P23	Top	B246-Wx+	0.44	13.01	0.39	SI
2 Piso	P23	Bottom	B246-Wx+	0.44	13.01	-2.69	SI
2 Piso	P23	Top	B246-Wx-	0.44	13.01	0.39	SI
2 Piso	P23	Bottom	B246-Wx-	0.44	13.01	-2.69	SI
2 Piso	P23	Top	B246-Wy+	0.44	13.01	0.39	SI
2 Piso	P23	Bottom	B246-Wy+	0.44	13.01	-2.69	SI
2 Piso	P23	Top	B246-Wy-	0.44	13.01	0.39	SI
2 Piso	P23	Bottom	B246-Wy-	0.44	13.01	-2.69	SI
2 Piso	P23	Top	B247-Ex+	0.44	13.01	0.45	SI
2 Piso	P23	Bottom	B247-Ex+	0.44	13.01	-2.82	SI
2 Piso	P23	Top	B247-Ex-	0.44	13.01	0.18	SI
2 Piso	P23	Bottom	B247-Ex-	0.44	13.01	-2.52	SI
2 Piso	P23	Top	B247-Ey+	0.44	13.01	0.48	SI
2 Piso	P23	Bottom	B247-Ey+	0.44	13.01	-2.49	SI
2 Piso	P23	Top	B247-Ey-	0.44	13.01	0.15	SI
2 Piso	P23	Bottom	B247-Ey-	0.44	13.01	2.85	SI
2 Piso	P23	Top	B242 G	0.44	13.01	0.73	SI
2 Piso	P23	Bottom	B242 G	0.44	13.01	-8.45	SI
2 Piso	P23	Top	B243-Wx- G	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B243-Wx- G	0.44	13.01	-3.67	SI
2 Piso	P23	Top	B243-Wy- G	0.44	13.01	0.76	SI
2 Piso	P23	Bottom	B243 Wy- G	0.44	13.01	3.67	SI
2 Piso	P23	Top	B243-Wx+ G	0.44	13.01	0.75	SI
2 Piso	P23	Bottom	B243-Wx+ G	0.44	13.01	-3.67	SI
2 Piso	P23	Top	B243-Wy+ G	0.44	13.01	0.75	SI
2 Piso	P23	Bottom	B243-Wy+ G	0.44	13.01	-3.67	SI
2 Piso	P23	Top	B244-Wx- G	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B244-Wx- G	0.44	13.01	-7.27	SI
2 Piso	P23	Top	B244-Wx+ G	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B244-Wx+ G	0.44	13.01	-7.27	SI
2 Piso	P23	Top	B244-Wy- G	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B244-Wy- G	0.44	13.01	-7.27	SI
2 Piso	P23	Top	B244-Wy+ G	0.44	13.01	0.72	SI
2 Piso	P23	Bottom	B244-Wy+ G	0.44	13.01	-7.27	SI
2 Piso	P24	Top	B241	1.01	29.45	-1.29	SI
2 Piso	P24	Bottom	B241	1.01	29.45	-2.25	SI
2 Piso	P24	Top	B242 Lcub	1.01	29.45	-2.00	SI
2 Piso	P24	Bottom	B242 Lcub	1.01	29.45	-3.73	SI

STORY	MURO	LOC.	COMB	Asev (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P24	Top	B243-Wx+ Loub	1.01	29.45	-1.02	SI
2 Piso	P24	Bottom	B243-Wx+ Loub	1.01	29.45	-2.05	SI
2 Piso	P24	Top	B243-Wx- Loub	1.01	29.45	-1.02	SI
2 Piso	P24	Bottom	B243-Wx- Loub	1.01	29.45	-2.05	SI
2 Piso	P24	Top	B243-Wy+ Loub	1.01	29.45	-1.02	SI
2 Piso	P24	Bottom	B243-Wy+ Loub	1.01	29.45	-2.05	SI
2 Piso	P24	Top	B243-Wy- Loub	1.01	29.45	-1.02	SI
2 Piso	P24	Bottom	B243-Wy- Loub	1.01	29.45	-2.06	SI
2 Piso	P24	Top	B244 Wx+ Loub	1.01	29.45	-1.63	SI
2 Piso	P24	Bottom	B244 Wx+ Loub	1.01	29.45	-3.13	SI
2 Piso	P24	Top	B244-Wx- Loub	1.01	29.45	-1.63	SI
2 Piso	P24	Bottom	B244-Wx- Loub	1.01	29.45	-3.13	SI
2 Piso	P24	Top	B244-Wy+ Loub	1.01	29.45	-1.63	SI
2 Piso	P24	Bottom	B244-Wy+ Loub	1.01	29.45	-3.13	SI
2 Piso	P24	Top	B244-Wy- Loub	1.01	29.45	-1.63	SI
2 Piso	P24	Bottom	B244-Wy- Loub	1.01	29.45	3.12	SI
2 Piso	P24	Top	B245-Ex+	1.01	29.45	-1.08	SI
2 Piso	P24	Bottom	B245-Ex+	1.01	29.45	-2.04	SI
2 Piso	P24	Top	B245-Ex-	1.01	29.45	-1.03	SI
2 Piso	P24	Bottom	B245-Ex-	1.01	29.45	-3.14	SI
2 Piso	P24	Top	B245-Ey+	1.01	29.45	-1.59	SI
2 Piso	P24	Bottom	B245-Ey+	1.01	29.45	-2.74	SI
2 Piso	P24	Top	B245-Ey-	1.01	29.45	-1.74	SI
2 Piso	P24	Bottom	B245-Ey-	1.01	29.45	-0.34	SI
2 Piso	P24	Top	B246-Wx+	1.01	29.45	-0.77	SI
2 Piso	P24	Bottom	B246-Wx+	1.01	29.45	-1.51	SI
2 Piso	P24	Top	B246 Wx-	1.01	29.45	0.77	SI
2 Piso	P24	Bottom	B246-Wx-	1.01	29.45	-1.51	SI
2 Piso	P24	Top	B246-Wy+	1.01	29.45	-0.77	SI
2 Piso	P24	Bottom	B246-Wy+	1.01	29.45	-1.51	SI
2 Piso	P24	Top	B246-Wy-	1.01	29.45	-0.77	SI
2 Piso	P24	Bottom	B246-Wy-	1.01	29.45	-1.51	SI
2 Piso	P24	Top	B247 Ex+	1.01	29.45	-0.81	SI
2 Piso	P24	Bottom	B247-Ex+	1.01	29.45	-1.36	SI
2 Piso	P24	Top	B247-Ex-	1.01	29.45	-0.77	SI
2 Piso	P24	Bottom	B247-Ex-	1.01	29.45	-1.54	SI
2 Piso	P24	Top	B247-Ey+	1.01	29.45	-0.70	SI
2 Piso	P24	Bottom	B247 Ey+	1.01	29.45	-1.15	SI
2 Piso	P24	Top	B247 Ey-	1.01	29.45	0.88	SI
2 Piso	P24	Bottom	B247-Ey-	1.01	29.45	-1.74	SI
2 Piso	P24	Top	B242 G	1.01	29.45	-1.99	SI
2 Piso	P24	Bottom	B242 G	1.01	29.45	-3.78	SI
2 Piso	P24	Top	B243 Wx- G	1.01	29.45	-0.98	SI
2 Piso	P24	Bottom	B243 Wx- G	1.01	29.45	-2.21	SI
2 Piso	P24	Top	B243-Wy- G	1.01	29.45	0.98	SI
2 Piso	P24	Bottom	B243-Wy- G	1.01	29.45	-2.21	SI
2 Piso	P24	Top	B243-Wx+ G	1.01	29.45	-0.98	SI
2 Piso	P24	Bottom	B243-Wx+ G	1.01	29.45	-2.21	SI
2 Piso	P24	Top	B243-Wy+ G	1.01	29.45	-0.98	SI
2 Piso	P24	Bottom	B243-Wy+ G	1.01	29.45	-2.21	SI
2 Piso	P24	Top	B244-Wx- E	1.01	29.45	-1.63	SI
2 Piso	P24	Bottom	B244-Wx- G	1.01	29.45	-3.10	SI
2 Piso	P24	Top	B244-Wx+ G	1.01	29.45	-1.61	SI
2 Piso	P24	Bottom	B244-Wx+ G	1.01	29.45	-3.18	SI
2 Piso	P24	Top	B244-Wy- G	1.01	29.45	-1.81	SI
2 Piso	P24	Bottom	B244 Wy- G	1.01	29.45	-3.18	SI
2 Piso	P24	Top	B244-Wy+ G	1.01	29.45	-1.61	SI
2 Piso	P24	Bottom	B244-Wy+ G	1.01	29.45	-3.18	SI
2 Piso	P25	Top	B241	0.60	17.50	-0.16	SI
2 Piso	P25	Bottom	B241	0.60	17.50	-2.56	SI
2 Piso	P25	Top	B242 Loub	0.60	17.50	-0.21	SI
2 Piso	P25	Bottom	B242 Loub	0.60	17.50	-3.13	SI
2 Piso	P25	Top	B243-Wx+ Loub	0.60	17.50	-0.23	SI
2 Piso	P25	Bottom	B243-Wx+ Loub	0.60	17.50	-2.21	SI
2 Piso	P25	Top	B243-Wx- Loub	0.60	17.50	-0.23	SI
2 Piso	P25	Bottom	B243 Wx- Loub	0.60	17.50	2.21	SI
2 Piso	P25	Top	B243-Wy+ Loub	0.60	17.50	-0.23	SI
2 Piso	P25	Bottom	B243-Wy+ Loub	0.60	17.50	-2.21	SI
2 Piso	P25	Top	B243-Wy- Loub	0.60	17.50	-0.23	SI
2 Piso	P25	Bottom	B243-Wy- Loub	0.60	17.50	-2.27	SI

STORY	MURO	LOC.	CONE	Asw (m²)	ΦVn (ton)	V3u (ton)	Cumple
2 Piso	P25	Top	B244-Wx+ Loub	0.60	17.50	-0.24	SI
2 Piso	P25	Bottom	B244-Wx+ Loub	0.60	17.50	2.79	SI
2 Piso	P25	Top	B244-Wx- Loub	0.60	17.50	0.24	SI
2 Piso	P25	Bottom	B244 Wx- Loub	0.60	17.50	-2.73	SI
2 Piso	P25	Top	B244-Wy+ Loub	0.60	17.50	-0.24	SI
2 Piso	P25	Bottom	B244-Wy+ Loub	0.60	17.50	-2.79	SI
2 Piso	P25	Top	B244-Wy- Loub	0.60	17.50	-0.24	SI
2 Piso	P25	Bottom	B244-Wy- Loub	0.60	17.50	-2.79	SI
2 Piso	P25	Top	B245-Ex+	0.60	17.50	-0.25	SI
2 Piso	P25	Bottom	B245-Ex+	0.60	17.50	-2.70	SI
2 Piso	P25	Top	B245-Ex-	0.60	17.50	-0.07	SI
2 Piso	P25	Bottom	B245-Ex-	0.60	17.50	-2.85	SI
2 Piso	P25	Top	B245-Ey+	0.60	17.50	0.45	SI
2 Piso	P25	Bottom	B246-Ey+	0.60	17.50	-2.78	SI
2 Piso	P25	Top	B245-Ey-	0.60	17.50	-0.77	SI
2 Piso	P25	Bottom	B245-Ey-	0.60	17.50	-2.77	SI
2 Piso	P25	Top	B246-Wx+	0.60	17.50	-0.15	SI
2 Piso	P25	Bottom	B246-Wx+	0.60	17.50	-1.65	SI
2 Piso	P25	Top	B246-Wx-	0.60	17.50	-0.15	SI
2 Piso	P25	Bottom	B246-Wx-	0.60	17.50	-1.66	SI
2 Piso	P25	Top	B246-Wy+	0.60	17.50	-0.15	SI
2 Piso	P25	Bottom	B246-Wy+	0.60	17.50	-1.65	SI
2 Piso	P25	Top	B246-Wy-	0.60	17.50	-0.15	SI
2 Piso	P25	Bottom	B246-Wy-	0.60	17.50	-1.65	SI
2 Piso	P25	Top	B247-Ex+	0.60	17.50	0.18	SI
2 Piso	P25	Bottom	B247-Ex+	0.60	17.50	-1.57	SI
2 Piso	P25	Top	B247 Ex	0.60	17.50	0.00	SI
2 Piso	P25	Bottom	B247-Ex-	0.60	17.50	-1.72	SI
2 Piso	P25	Top	B247-Ey+	0.60	17.50	0.52	SI
2 Piso	P25	Bottom	B247-Ey+	0.60	17.50	-1.65	SI
2 Piso	P25	Top	B247-Ey-	0.60	17.50	0.70	SI
2 Piso	P25	Bottom	B247-Ey-	0.60	17.50	-1.52	SI
2 Piso	P25	Top	B242 G	0.60	17.50	-0.29	SI
2 Piso	P25	Bottom	B242 G	0.60	17.50	-3.14	SI
2 Piso	P25	Top	B243-Wx- G	0.60	17.50	0.37	SI
2 Piso	P25	Bottom	B243-Wx- G	0.60	17.50	-2.23	SI
2 Piso	P25	Top	B243-Wy- G	0.60	17.50	-0.37	SI
2 Piso	P25	Bottom	B243-Wy- G	0.60	17.50	-2.23	SI
2 Piso	P25	Top	B243 Wx+ G	0.60	17.50	-0.37	SI
2 Piso	P25	Bottom	B243-Wx+ G	0.60	17.50	-2.23	SI
2 Piso	P25	Top	B243-Wy+ G	0.60	17.50	-0.37	SI
2 Piso	P25	Bottom	B243-Wy+ G	0.60	17.50	-2.23	SI
2 Piso	P25	Top	B244 Wx- G	0.60	17.50	-0.28	SI
2 Piso	P25	Bottom	B244-Wx- G	0.60	17.50	-2.80	SI
2 Piso	P25	Top	B244-Wx+ G	0.60	17.50	-0.28	SI
2 Piso	P25	Bottom	B244-Wx+ G	0.60	17.50	-2.80	SI
2 Piso	P25	Top	B244-Wy- G	0.60	17.50	-0.28	SI
2 Piso	P25	Bottom	B244-Wy- G	0.60	17.50	-2.80	SI
2 Piso	P25	Top	B244-Wy+ G	0.60	17.50	-0.28	SI
2 Piso	P25	Bottom	B244-Wy+ G	0.60	17.50	-2.80	SI
2 Piso	P26	Top	B241	0.55	16.09	-0.13	SI
2 Piso	P26	Bottom	B241	0.55	16.09	3.06	SI
2 Piso	P26	Top	B242 Loub	0.55	16.09	-0.19	SI
2 Piso	P26	Bottom	B242 Loub	0.55	16.09	4.30	SI
2 Piso	P26	Top	B243-Wx+ Loub	0.55	16.09	-0.14	SI
2 Piso	P26	Bottom	B243 Wx+ Loub	0.55	16.09	-3.41	SI
2 Piso	P26	Top	B243-Wx- Loub	0.55	16.09	-0.14	SI
2 Piso	P26	Bottom	B243-Wx- Loub	0.55	16.09	-3.41	SI
2 Piso	P26	Top	B243-Wy+ Loub	0.55	16.09	-0.14	SI
2 Piso	P26	Bottom	B243-Wy+ Loub	0.55	16.09	-3.41	SI
2 Piso	P26	Top	B243-Wy- Loub	0.55	16.09	-0.14	SI
2 Piso	P26	Bottom	B243-Wy- Loub	0.55	16.09	-3.41	SI
2 Piso	P26	Top	B244-Wx+ Loub	0.55	16.09	-0.18	SI
2 Piso	P26	Bottom	B244-Wx+ Loub	0.55	16.09	-3.97	SI
2 Piso	P26	Top	B244-Wx- Loub	0.55	16.09	-0.18	SI
2 Piso	P26	Bottom	B244 Wx- Loub	0.55	16.09	-3.97	SI
2 Piso	P26	Top	B244-Wy+ Loub	0.55	16.09	-0.18	SI
2 Piso	P26	Bottom	B244-Wy+ Loub	0.55	16.09	-3.97	SI
2 Piso	P25	Top	B244-Wy- Loub	0.55	16.09	-0.18	SI
2 Piso	P25	Bottom	B244-Wy- Loub	0.55	16.09	-3.97	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB.	Avnv (in²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P25	Top	B245-Ex+	0.55	16.09	-0.14	SI
2 Piso	P25	Bottom	B245-Ex+	0.55	16.09	-4.06	SI
2 Piso	P25	Top	B245-Ex-	0.55	16.09	-0.18	SI
2 Piso	P25	Bottom	B245-Ex-	0.55	16.09	-3.84	SI
2 Piso	P25	Top	B245-Ey+	0.55	16.09	0.35	SI
2 Piso	P25	Bottom	B245-Ey+	0.55	16.09	-3.53	SI
2 Piso	P25	Top	B245-Ey-	0.55	16.09	-0.57	SI
2 Piso	P25	Bottom	B245-Ey-	0.55	16.09	-4.09	SI
2 Piso	P25	Top	B246-Wx+	0.55	16.09	-0.10	SI
2 Piso	P25	Bottom	B246-Wx+	0.55	16.09	-2.56	SI
2 Piso	P25	Top	B246-Wx-	0.55	16.09	0.10	SI
2 Piso	P25	Bottom	B246-Wx-	0.55	16.09	-2.56	SI
2 Piso	P25	Top	B246-Wy+	0.55	16.09	-0.10	SI
2 Piso	P25	Bottom	B246-Wy+	0.55	16.09	-2.56	SI
2 Piso	P25	Top	B246-Wy-	0.55	16.09	0.10	SI
2 Piso	P25	Bottom	B246-Wy-	0.55	16.09	-2.56	SI
2 Piso	P25	Top	B247-Ex+	0.55	16.09	-0.06	SI
2 Piso	P25	Bottom	B247-Ex+	0.55	16.09	-2.88	SI
2 Piso	P25	Top	B247-Ex-	0.55	16.09	-0.10	SI
2 Piso	P25	Bottom	B247-Ex-	0.55	16.09	-2.43	SI
2 Piso	P25	Top	B247-Ey+	0.55	16.09	0.42	SI
2 Piso	P25	Bottom	B247-Ey+	0.55	16.09	2.41	SI
2 Piso	P25	Top	B247-Ey-	0.55	16.09	-0.59	SI
2 Piso	P25	Bottom	B247-Ey-	0.55	16.09	-2.88	SI
2 Piso	P25	Top	B242 G	0.55	16.09	-0.20	SI
2 Piso	P25	Bottom	B242 G	0.55	16.09	-4.30	SI
2 Piso	P25	Top	B243-Wx- G	0.55	16.09	-0.18	SI
2 Piso	P25	Bottom	B243-Wx- G	0.55	16.09	-3.44	SI
2 Piso	P25	Top	B243-Wy- G	0.55	16.09	-0.18	SI
2 Piso	P25	Bottom	B243-Wy- G	0.55	16.09	-3.44	SI
2 Piso	P25	Top	B243-Wx+ G	0.55	16.09	-0.18	SI
2 Piso	P25	Bottom	B243-Wx+ G	0.55	16.09	-3.44	SI
2 Piso	P25	Top	B243-Wy+ G	0.55	16.09	0.18	SI
2 Piso	P25	Bottom	B243-Wy+ G	0.55	16.09	-3.44	SI
2 Piso	P25	Top	B244-Wx- G	0.55	16.09	-0.19	SI
2 Piso	P25	Bottom	B244-Wx- G	0.55	16.09	-3.98	SI
2 Piso	P25	Top	B244-Wx+ G	0.55	16.09	-0.19	SI
2 Piso	P25	Bottom	B244-Wx+ G	0.55	16.09	-3.98	SI
2 Piso	P25	Top	B244-Wy- G	0.55	16.09	-0.19	SI
2 Piso	P25	Bottom	B244-Wy- G	0.55	16.09	-3.98	SI
2 Piso	P25	Top	B244-Wy+ G	0.55	16.09	-0.19	SI
2 Piso	P25	Bottom	B244-Wy+ G	0.55	16.09	-3.98	SI
2 Piso	P27	Top	B241	1.05	30.96	-2.77	SI
2 Piso	P27	Bottom	B241	1.05	30.96	-3.08	SI
2 Piso	P27	Top	B242 Loub	1.05	30.86	-3.72	SI
2 Piso	P27	Bottom	B242 Loub	1.05	30.86	-4.53	SI
2 Piso	P27	Top	B243-Wx+ Loub	1.05	30.86	-2.70	SI
2 Piso	P27	Bottom	B243-Wx+ Loub	1.05	30.86	-2.88	SI
2 Piso	P27	Top	B243-Wx- Loub	1.05	30.86	-2.70	SI
2 Piso	P27	Bottom	B243-Wx- Loub	1.05	30.86	-2.88	SI
2 Piso	P27	Top	B243-Wy+ Loub	1.05	30.86	-2.70	SI
2 Piso	P27	Bottom	B243-Wy+ Loub	1.05	30.86	-2.88	SI
2 Piso	P27	Top	B243-Wy- Loub	1.05	30.86	-2.70	SI
2 Piso	P27	Bottom	B243-Wy- Loub	1.05	30.86	-2.88	SI
2 Piso	P27	Top	B244-Wx+ Loub	1.05	30.86	-3.41	SI
2 Piso	P27	Bottom	B244-Wx+ Loub	1.05	30.86	-3.97	SI
2 Piso	P27	Top	B244-Wx- Loub	1.05	30.86	-3.41	SI
2 Piso	P27	Bottom	B244-Wx- Loub	1.05	30.86	-3.97	SI
2 Piso	P27	Top	B244-Wy+ Loub	1.05	30.86	-3.41	SI
2 Piso	P27	Bottom	B244-Wy+ Loub	1.05	30.86	-3.97	SI
2 Piso	P27	Top	B244-Wy- Loub	1.05	30.86	-3.41	SI
2 Piso	P27	Bottom	B244-Wy- Loub	1.05	30.86	-3.97	SI
2 Piso	P27	Top	B245-Ex+	1.05	30.86	-3.21	SI
2 Piso	P27	Bottom	B245-Ex+	1.05	30.86	-3.69	SI
2 Piso	P27	Top	B245-Ex-	1.05	30.86	-3.19	SI
2 Piso	P27	Bottom	B245-Ex-	1.05	30.86	-3.70	SI
2 Piso	P27	Top	B245-Ey+	1.05	30.86	3.09	SI
2 Piso	P27	Bottom	B245-Ey+	1.05	30.86	-3.47	SI
2 Piso	P27	Top	B245-Ey-	1.05	30.86	-3.25	SI
2 Piso	P27	Bottom	B245-Ey-	1.05	30.86	-4.09	SI

STORY	MURO	LOC.	COMB	Aswr(m²)	ΦVn (ton)	V32u (ton)	Cumple
2 Piso	P27	Top	B248-Wx+	1.05	30.86	-1.95	SI
2 Piso	P27	Bottom	B246 Wx+	1.05	30.86	-2.10	SI
2 Piso	P27	Top	B246-Wx-	1.05	30.86	-1.95	SI
2 Piso	P27	Bottom	B246-Wx-	1.05	30.86	-2.10	SI
2 Piso	P27	Top	B246-Wy+	1.05	30.86	-1.66	SI
2 Piso	P27	Bottom	B246-Wy+	1.05	30.86	-2.10	SI
2 Piso	P27	Top	B246-Wy-	1.05	30.86	-1.95	SI
2 Piso	P27	Bottom	B246 Wy	1.05	30.86	-2.10	SI
2 Piso	P27	Top	B247-Ex+	1.05	30.86	-1.92	SI
2 Piso	P27	Bottom	B247-Ex+	1.05	30.86	-2.04	SI
2 Piso	P27	Top	B247-Ex-	1.05	30.86	-1.79	SI
2 Piso	P27	Bottom	B247-Ex-	1.05	30.86	-1.89	SI
2 Piso	P27	Top	B247-Ey+	1.05	30.86	-1.70	SI
2 Piso	P27	Bottom	B247 Ey+	1.05	30.86	-1.86	SI
2 Piso	P27	Top	B247-Ey-	1.05	30.86	-1.86	SI
2 Piso	P27	Bottom	B247-Ey-	1.05	30.86	-2.28	SI
2 Piso	P27	Top	B242 G	1.05	30.86	-3.85	SI
2 Piso	P27	Bottom	B242 G	1.05	30.86	-4.63	SI
2 Piso	P27	Top	B243-Wx- G	1.05	30.86	-3.14	SI
2 Piso	P27	Bottom	B243-Wx- G	1.05	30.86	-3.23	SI
2 Piso	P27	Top	B243-Wy- G	1.05	30.86	3.14	SI
2 Piso	P27	Bottom	B243-Wy- G	1.05	30.86	-3.23	SI
2 Piso	P27	Top	B243-Wx+ G	1.05	30.86	-3.14	SI
2 Piso	P27	Bottom	B243-Wx+ G	1.05	30.86	-3.23	SI
2 Piso	P27	Top	B243-Wy+ G	1.05	30.86	-3.14	SI
2 Piso	P27	Bottom	B243-Wy+ G	1.05	30.86	-3.23	SI
2 Piso	P27	Top	B244-Wx- G	1.05	30.86	-3.55	SI
2 Piso	P27	Bottom	B244-Wx- G	1.05	30.86	-4.06	SI
2 Piso	P27	Top	B244-Wx+ G	1.05	30.86	-3.55	SI
2 Piso	P27	Bottom	B244-Wx+ G	1.05	30.86	-4.06	SI
2 Piso	P27	Top	B244 Wy- G	1.05	30.86	-3.55	SI
2 Piso	P27	Bottom	B244-Wy- G	1.05	30.86	-4.06	SI
2 Piso	P27	Top	B244-Wy+ G	1.05	30.86	-3.55	SI
2 Piso	P27	Bottom	B244-Wy+ G	1.05	30.86	-4.06	SI
2 Piso	P28	Top	B241	0.45	13.10	0.44	SI
2 Piso	P28	Bottom	B241	0.45	13.10	-3.86	SI
2 Piso	P28	Top	B242 Loub	0.45	13.10	0.63	SI
2 Piso	P28	Bottom	B242 Loub	0.45	13.10	-9.06	SI
2 Piso	P28	Top	B243-Wx+ Loub	0.45	13.10	0.50	SI
2 Piso	P28	Bottom	B243-Wx+ Loub	0.45	13.10	-3.43	SI
2 Piso	P28	Top	B243 Wx- Loub	0.45	13.10	0.50	SI
2 Piso	P28	Bottom	B243 Wx- Loub	0.45	13.10	-3.43	SI
2 Piso	P28	Top	B243-Wy+ Loub	0.45	13.10	3.50	SI
2 Piso	P28	Bottom	B243-Wy+ Loub	0.45	13.10	3.43	SI
2 Piso	P28	Top	B243-Wy- Loub	0.45	13.10	0.50	SI
2 Piso	P28	Bottom	B243-Wy- Loub	0.45	13.10	-3.43	SI
2 Piso	P28	Top	B244 Wx+ Loub	0.45	13.10	0.61	SI
2 Piso	P28	Bottom	B244-Wx+ Loub	0.45	13.10	6.98	SI
2 Piso	P28	Top	B244-Wx- Loub	0.45	13.10	0.61	SI
2 Piso	P28	Bottom	B244-Wx- Loub	0.45	13.10	-6.86	SI
2 Piso	P28	Top	B244-Wy+ Loub	0.45	13.10	0.61	SI
2 Piso	P28	Bottom	B244-Wy+ Loub	0.45	13.10	-6.06	SI
2 Piso	P28	Top	B244-Wy- Loub	0.45	13.10	0.61	SI
2 Piso	P28	Bottom	B244-Wy- Loub	0.45	13.10	-6.96	SI
2 Piso	P28	Top	B245-Ex+	0.45	13.10	0.38	SI
2 Piso	P28	Bottom	B245-Ex+	0.45	13.10	-6.62	SI
2 Piso	P28	Top	B245-Ex-	0.45	13.10	0.88	SI
2 Piso	P28	Bottom	B245-Ex-	0.45	13.10	-7.05	SI
2 Piso	P28	Top	B245-Ey+	0.45	13.10	0.88	SI
2 Piso	P28	Bottom	B245-Ey+	0.45	13.10	-6.77	SI
2 Piso	P28	Top	B245-Ey-	0.45	13.10	0.35	SI
2 Piso	P28	Bottom	B245-Ey-	0.45	13.10	-7.09	SI
2 Piso	P28	Top	B248-Wx+	0.45	13.10	0.35	SI
2 Piso	P28	Bottom	B248-Wx+	0.45	13.10	-2.57	SI
2 Piso	P28	Top	B248-Wx-	0.45	13.10	0.35	SI
2 Piso	P28	Bottom	B248-Wx-	0.45	13.10	-2.57	SI
2 Piso	P28	Top	B248-Wy+	0.45	13.10	0.35	SI
2 Piso	P28	Bottom	B248-Wy+	0.45	13.10	-2.57	SI
2 Piso	P28	Top	B248-Wy-	0.45	13.10	0.35	SI
2 Piso	P28	Bottom	B248-Wy-	0.45	13.10	-2.57	SI

STORY	MURO	LOC.	COMB	Asmr (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P28	Top	B247-Ex+	0.45	13.10	0.14	SI
2 Piso	P28	Bottom	B247-Ex+	0.45	13.10	-2.40	SI
2 Piso	P28	Top	B247-Ex-	0.45	13.10	0.42	SI
2 Piso	P28	Bottom	B247-Ex-	0.45	13.10	-2.68	SI
2 Piso	P28	Top	B247-Ey+	0.45	13.10	0.48	SI
2 Piso	P28	Bottom	B247-Ey+	0.45	13.10	-2.38	SI
2 Piso	P28	Top	B247 Ey-	0.45	13.10	0.11	SI
2 Piso	P28	Bottom	B247-Ey-	0.45	13.10	-2.70	SI
2 Piso	P28	Top	B242 G	0.45	13.10	0.69	SI
2 Piso	P28	Bottom	B242 G	0.45	13.10	-8.06	SI
2 Piso	P28	Top	B243-Wx- G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B243-Wx- G	0.45	13.10	-3.46	SI
2 Piso	P28	Top	B243 Wy- G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B243-Wy- G	0.45	13.10	-3.49	SI
2 Piso	P28	Top	B243-Wx+ G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B243-Wx+ G	0.45	13.10	-3.49	SI
2 Piso	P28	Top	B243-Wy+ G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B243-Wy+ G	0.45	13.10	-3.49	SI
2 Piso	P28	Top	B244-Wx- G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B244-Wx- G	0.45	13.10	-6.98	SI
2 Piso	P28	Top	B244-Wx+ G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B244-Wx+ G	0.45	13.10	6.98	SI
2 Piso	P28	Top	B244 Wy- G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B244-Wy- G	0.45	13.10	-6.98	SI
2 Piso	P28	Top	B244-Wy+ G	0.45	13.10	0.67	SI
2 Piso	P28	Bottom	B244-Wy+ G	0.45	13.10	-6.98	SI
2 Piso	P29	Top	B241	1.44	42.10	1.69	SI
2 Piso	P29	Bottom	B241	1.44	42.10	2.74	SI
2 Piso	P29	Top	B242 Loub	1.44	42.10	1.27	SI
2 Piso	P29	Bottom	B242 Loub	1.44	42.10	4.11	SI
2 Piso	P29	Top	B243-Wx+ Loub	1.44	42.10	1.81	SI
2 Piso	P29	Bottom	B243-Wx+ Loub	1.44	42.10	2.30	SI
2 Piso	P29	Top	B243-Wx- Loub	1.44	42.10	1.81	SI
2 Piso	P29	Bottom	B243-Wx- Loub	1.44	42.10	2.30	SI
2 Piso	P29	Top	B243-Wy+ Loub	1.44	42.10	1.81	SI
2 Piso	P29	Bottom	B243-Wy+ Loub	1.44	42.10	2.30	SI
2 Piso	P29	Top	B243-Wy- Loub	1.44	42.10	1.81	SI
2 Piso	P29	Bottom	B243-Wy- Loub	1.44	42.10	2.30	SI
2 Piso	P29	Top	B244-Wx+ Loub	1.44	42.10	1.56	SI
2 Piso	P29	Bottom	B244-Wx+ Loub	1.44	42.10	3.60	SI
2 Piso	P29	Top	B244-Wx- Loub	1.44	42.10	1.56	SI
2 Piso	P29	Bottom	B244-Wx- Loub	1.44	42.10	3.60	SI
2 Piso	P29	Top	B244-Wy+ Loub	1.44	42.10	1.56	SI
2 Piso	P29	Bottom	B244-Wy+ Loub	1.44	42.10	3.60	SI
2 Piso	P29	Top	B244-Wy- Loub	1.44	42.10	1.56	SI
2 Piso	P29	Bottom	B244-Wy- Loub	1.44	42.10	3.60	SI
2 Piso	P29	Top	B245-Ex+	1.44	42.10	2.00	SI
2 Piso	P29	Bottom	B245-Ex+	1.44	42.10	3.79	SI
2 Piso	P29	Top	B245-Ex-	1.44	42.10	0.56	SI
2 Piso	P29	Bottom	B245-Ex-	1.44	42.10	3.55	SI
2 Piso	P29	Top	B245-Ey+	1.44	42.10	2.53	SI
2 Piso	P29	Bottom	B245-Ey+	1.44	42.10	4.13	SI
2 Piso	P29	Top	B245-Ey-	1.44	42.10	-0.27	SI
2 Piso	P29	Bottom	B245-Ey-	1.44	42.10	3.15	SI
2 Piso	P29	Top	B246-Wx+	1.44	42.10	1.28	SI
2 Piso	P29	Bottom	B246-Wx+	1.44	42.10	1.74	SI
2 Piso	P29	Top	B246-Wx-	1.44	42.10	1.28	SI
2 Piso	P29	Bottom	B246-Wx-	1.44	42.10	1.74	SI
2 Piso	P29	Top	B246-Wy+	1.44	42.10	1.28	SI
2 Piso	P29	Bottom	B246-Wy+	1.44	42.10	1.74	SI
2 Piso	P29	Top	B246-Wy-	1.44	42.10	1.28	SI
2 Piso	P29	Bottom	B246-Wy-	1.44	42.10	1.74	SI
2 Piso	P29	Top	B247-Ex+	1.44	42.10	1.80	SI
2 Piso	P29	Bottom	B247-Ex+	1.44	42.10	1.85	SI
2 Piso	P29	Top	B247-Ex-	1.44	42.10	0.38	SI
2 Piso	P29	Bottom	B247-Ex-	1.44	42.10	1.88	SI
2 Piso	P29	Top	B247-Ey+	1.44	42.10	2.63	SI
2 Piso	P29	Bottom	B247-Ey+	1.44	42.10	2.25	SI
2 Piso	P29	Top	B247-Ey-	1.44	42.10	-0.47	SI
2 Piso	P29	Bottom	B247-Ey-	1.44	42.10	1.27	SI

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V13u (ton)	Cumple
2 Piso	P29	Top	B242 G	1.44	42.10	1.43	SI
2 Piso	P29	Bottom	B242 G	1.44	42.10	4.98	SI
2 Piso	P29	Top	B243-Wx- G	1.44	42.10	2.32	SI
2 Piso	P29	Bottom	B243-Wx- G	1.44	42.10	2.23	SI
2 Piso	P29	Top	B243-Wy- G	1.44	42.10	2.32	SI
2 Piso	P29	Bottom	B243 Wy- G	1.44	42.10	2.23	SI
2 Piso	P29	Top	B243-Wx+ G	1.44	42.10	2.32	SI
2 Piso	P29	Bottom	B243-Wx+ G	1.44	42.10	2.23	SI
2 Piso	P29	Top	B243-Wy+ G	1.44	42.10	2.32	SI
2 Piso	P29	Bottom	B243-Wy+ G	1.44	42.10	2.23	SI
2 Piso	P29	Top	B244-Wx- G	1.44	42.10	1.72	SI
2 Piso	P29	Bottom	B244-Wx- G	1.44	42.10	3.50	SI
2 Piso	P29	Top	B244-Wx+ G	1.44	42.10	1.72	SI
2 Piso	P29	Bottom	B244-Wx+ G	1.44	42.10	3.59	SI
2 Piso	P29	Top	B244-Wy- G	1.44	42.10	1.72	SI
2 Piso	P29	Bottom	B244-Wy- G	1.44	42.10	3.59	SI
2 Piso	P29	Top	B244-Wy+ G	1.44	42.10	1.72	SI
2 Piso	P29	Bottom	B244-Wy+ G	1.44	42.10	3.56	SI
2 Piso	P29A	Top	B241	0.23	6.75	-0.48	SI
2 Piso	P29A	Bottom	B241	0.23	6.75	2.71	SI
2 Piso	P29A	Top	B242 Loub	0.23	6.75	-0.46	SI
2 Piso	P29A	Bottom	B242 Loub	0.23	6.75	2.74	SI
2 Piso	P29A	Top	B243-Wx+ Loub	0.23	6.75	-0.57	SI
2 Piso	P29A	Bottom	B243-Wx+ Loub	0.23	6.75	2.35	SI
2 Piso	P29A	Top	B243-Wx- Loub	0.23	6.75	-0.57	SI
2 Piso	P29A	Bottom	B243-Wx- Loub	0.23	6.75	2.35	SI
2 Piso	P29A	Top	B243-Wy+ Loub	0.23	6.75	0.57	SI
2 Piso	P29A	Bottom	B243-Wy+ Loub	0.23	6.75	2.35	SI
2 Piso	P29A	Top	B243-Wy- Loub	0.23	6.75	-0.57	SI
2 Piso	P29A	Bottom	B243-Wy- Loub	0.23	6.75	2.35	SI
2 Piso	P29A	Top	B244-Wx+ Loub	0.23	6.75	-0.54	SI
2 Piso	P29A	Bottom	B244-Wx+ Loub	0.23	6.75	3.22	SI
2 Piso	P29A	Top	B244-Wx- Loub	0.23	6.75	0.64	SI
2 Piso	P29A	Bottom	B244-Wx- Loub	0.23	6.75	3.22	SI
2 Piso	P29A	Top	B244-Wy+ Loub	0.23	6.75	-0.54	SI
2 Piso	P29A	Bottom	B244-Wy+ Loub	0.23	6.75	3.22	SI
2 Piso	P29A	Top	B244-Wy- Loub	0.23	6.75	-0.54	SI
2 Piso	P29A	Bottom	B244-Wy- Loub	0.23	6.75	3.22	SI
2 Piso	P29A	Top	B245-Ex+	0.23	6.75	0.47	SI
2 Piso	P29A	Bottom	B245-Ex+	0.23	6.75	3.19	SI
2 Piso	P29A	Top	B245-Ex-	0.23	6.75	-0.39	SI
2 Piso	P29A	Bottom	B245-Ex-	0.23	6.75	3.23	SI
2 Piso	P29A	Top	B245-Ey+	0.23	6.75	-0.31	SI
2 Piso	P29A	Bottom	B245-Ey+	0.23	6.75	3.07	SI
2 Piso	P29A	Top	B245-Ey-	0.23	6.75	-0.39	SI
2 Piso	P29A	Bottom	B245-Ey-	0.23	6.75	3.06	SI
2 Piso	P29A	Top	B246-Wx+	0.23	6.75	-0.39	SI
2 Piso	P29A	Bottom	B246-Wx+	0.23	6.75	1.78	SI
2 Piso	P29A	Top	B246-Wx-	0.23	6.75	0.39	SI
2 Piso	P29A	Bottom	B246-Wx-	0.23	6.75	1.76	SI
2 Piso	P29A	Top	B246 Wy+	0.23	6.75	-0.38	SI
2 Piso	P29A	Bottom	B246-Wy+	0.23	6.75	1.78	SI
2 Piso	P29A	Top	B246-Wy-	0.23	6.75	-0.39	SI
2 Piso	P29A	Bottom	B246-Wy-	0.23	6.75	1.76	SI
2 Piso	P29A	Top	B247-Ex+	0.23	6.75	-0.38	SI
2 Piso	P29A	Bottom	B247-Ex+	0.23	6.75	1.73	SI
2 Piso	P29A	Top	B247-Ex-	0.23	6.75	-0.26	SI
2 Piso	P29A	Bottom	B247-Ex-	0.23	6.75	1.76	SI
2 Piso	P29A	Top	B247-Ey+	0.23	6.75	-0.20	SI
2 Piso	P29A	Bottom	B247-Ey+	0.23	6.75	1.01	SI
2 Piso	P29A	Top	B247-Ey-	0.23	6.75	-0.42	SI
2 Piso	P29A	Bottom	B247-Ey-	0.23	6.75	1.58	SI
2 Piso	P29A	Top	B242 G	0.23	6.75	-0.50	SI
2 Piso	P29A	Bottom	B242 G	0.23	6.75	0.75	SI
2 Piso	P29A	Top	B243-Wx- G	0.23	6.75	-0.78	SI
2 Piso	P29A	Bottom	B243-Wx- G	0.23	6.75	2.38	SI
2 Piso	P29A	Top	B243-Wy- G	0.23	6.75	-0.78	SI
2 Piso	P29A	Bottom	B243-Wy- G	0.23	6.75	2.38	SI
2 Piso	P29A	Top	B243-Wx+ G	0.23	6.75	-0.78	SI
2 Piso	P29A	Bottom	B243-Wx+ G	0.23	6.75	2.38	SI

STORY	MURO	LOC.	COMB	Acv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P28A	Top	B243-Wy+ G	0.23	8.75	-0.78	SI
2 Piso	P28A	Bottom	B243-Wy+ G	0.23	8.75	2.38	SI
2 Piso	P28A	Top	B244-Wx- G	0.23	8.75	-0.80	SI
2 Piso	P28A	Bottom	B244-Wx- G	0.23	8.75	3.23	SI
2 Piso	P28A	Top	B244-Wx+ G	0.23	8.75	-0.60	SI
2 Piso	P28A	Bottom	B244-Wx+ G	0.23	8.75	3.23	SI
2 Piso	P28A	Top	B244-Wy- G	0.23	8.75	-0.60	SI
2 Piso	P28A	Bottom	B244-Wy- G	0.23	8.75	3.23	SI
2 Piso	P28A	Top	B244-Wy+ G	0.23	8.75	0.80	SI
2 Piso	P28A	Bottom	B244-Wy+ G	0.23	8.75	3.23	SI
2 Piso	P32	Top	B241	0.49	14.42	-0.78	SI
2 Piso	P32	Bottom	B241	0.49	14.42	2.09	SI
2 Piso	P32	Top	B242 Lcub	0.49	14.42	-0.79	SI
2 Piso	P32	Bottom	B242 Lcub	0.49	14.42	3.21	SI
2 Piso	P32	Top	B243-Wx+ Lcub	0.49	14.42	-0.91	SI
2 Piso	P32	Bottom	B243-Wx+ Lcub	0.49	14.42	2.49	SI
2 Piso	P32	Top	B243-Wx- Lcub	0.49	14.42	-0.91	SI
2 Piso	P32	Bottom	B243-Wx- Lcub	0.49	14.42	2.49	SI
2 Piso	P32	Top	B243-Wy+ Lcub	0.49	14.42	-0.91	SI
2 Piso	P32	Bottom	B243-Wy+ Lcub	0.49	14.42	2.49	SI
2 Piso	P32	Top	B243-Wy- Lcub	0.49	14.42	-0.91	SI
2 Piso	P32	Bottom	B243-Wy- Lcub	0.49	14.42	2.49	SI
2 Piso	P32	Top	B244-Wx+ Lcub	0.49	14.42	-0.89	SI
2 Piso	P32	Bottom	B244-Wx+ Lcub	0.49	14.42	2.94	SI
2 Piso	P32	Top	B244-Wx- Lcub	0.49	14.42	-0.80	SI
2 Piso	P32	Bottom	B244-Wx- Lcub	0.49	14.42	2.94	SI
2 Piso	P32	Top	B244-Wy+ Lcub	0.49	14.42	0.89	SI
2 Piso	P32	Bottom	B244-Wy+ Lcub	0.49	14.42	2.94	SI
2 Piso	P32	Top	B244-Wy- Lcub	0.49	14.42	-0.89	SI
2 Piso	P32	Bottom	B244-Wy- Lcub	0.49	14.42	2.94	SI
2 Piso	P32	Top	B245-Ex+	0.49	14.42	-0.70	SI
2 Piso	P32	Bottom	B245-Ex+	0.49	14.42	2.82	SI
2 Piso	P32	Top	B245-Ex-	0.49	14.42	0.72	SI
2 Piso	P32	Bottom	B245-Ex-	0.49	14.42	2.94	SI
2 Piso	P32	Top	B245-Ey+	0.49	14.42	-0.05	SI
2 Piso	P32	Bottom	B245-Ey+	0.49	14.42	3.23	SI
2 Piso	P32	Top	B245-Ey-	0.49	14.42	1.37	SI
2 Piso	P32	Bottom	B245-Ey-	0.49	14.42	2.63	SI
2 Piso	P32	Top	B246-Wx+	0.49	14.42	-0.63	SI
2 Piso	P32	Bottom	B246-Wx+	0.49	14.42	1.87	SI
2 Piso	P32	Top	B246-Wx-	0.49	14.42	-0.63	SI
2 Piso	P32	Bottom	B246-Wx-	0.49	14.42	1.87	SI
2 Piso	P32	Top	B246-Wy+	0.49	14.42	-0.63	SI
2 Piso	P32	Bottom	B246-Wy+	0.49	14.42	1.87	SI
2 Piso	P32	Top	B246-Wy-	0.49	14.42	-0.63	SI
2 Piso	P32	Bottom	B246-Wy-	0.49	14.42	1.87	SI
2 Piso	P32	Top	B247-Ex+	0.49	14.42	-0.49	SI
2 Piso	P32	Bottom	B247-Ex+	0.49	14.42	1.85	SI
2 Piso	P32	Top	B247-Ex-	0.49	14.42	-0.51	SI
2 Piso	P32	Bottom	B247-Ex-	0.49	14.42	1.87	SI
2 Piso	P32	Top	B247-Ey+	0.49	14.42	0.16	SI
2 Piso	P32	Bottom	B247-Ey+	0.49	14.42	2.18	SI
2 Piso	P32	Top	B247-Ey-	0.49	14.42	-1.18	SI
2 Piso	P32	Bottom	B247-Ey-	0.49	14.42	1.56	SI
2 Piso	P32	Top	B242 G	0.49	14.42	-0.60	SI
2 Piso	P32	Bottom	B242 G	0.49	14.42	3.22	SI
2 Piso	P32	Top	B243-Wx- G	0.49	14.42	-1.23	SI
2 Piso	P32	Bottom	B243-Wx- G	0.49	14.42	2.51	SI
2 Piso	P32	Top	B243-Wy+ G	0.49	14.42	1.23	SI
2 Piso	P32	Bottom	B243-Wy+ G	0.49	14.42	2.51	SI
2 Piso	P32	Top	B243-Wx+ G	0.49	14.42	-1.23	SI
2 Piso	P32	Bottom	B243-Wx+ G	0.49	14.42	2.51	SI
2 Piso	P32	Top	B243-Wy+ G	0.49	14.42	-1.23	SI
2 Piso	P32	Bottom	B243-Wy+ G	0.49	14.42	2.51	SI
2 Piso	P32	Top	B244-Wx- G	0.49	14.42	-0.99	SI
2 Piso	P32	Bottom	B244-Wx- G	0.49	14.42	2.95	SI
2 Piso	P32	Top	B244-Wx+ G	0.49	14.42	-0.98	SI
2 Piso	P32	Bottom	B244-Wx+ G	0.49	14.42	2.95	SI
2 Piso	P32	Top	B244-Wy- G	0.49	14.42	-0.99	SI
2 Piso	P32	Bottom	B244-Wy- G	0.49	14.42	2.95	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P32	Top	B244-Wy+ G	0.40	14.42	-0.99	SI
2 Piso	P32	Bottom	B244-Wy+ G	0.40	14.42	2.95	SI
2 Piso	P32A	Top	B241	0.21	8.13	0.81	SI
2 Piso	P32A	Bottom	B241	0.21	8.13	1.04	SI
2 Piso	P32A	Top	B242 Lcub	0.21	8.13	0.73	SI
2 Piso	P32A	Bottom	B242 Lcub	0.21	8.13	1.14	SI
2 Piso	P32A	Top	B243-Wx- Lcub	0.21	8.13	0.79	SI
2 Piso	P32A	Bottom	B243-Wx+ Lcub	0.21	8.13	0.91	SI
2 Piso	P32A	Top	B243-Wx- Lcub	0.21	8.13	0.79	SI
2 Piso	P32A	Bottom	B243-Wx- Lcub	0.21	8.13	0.91	SI
2 Piso	P32A	Top	B243-Wy+ Lcub	0.21	8.13	0.79	SI
2 Piso	P32A	Bottom	B243-Wy+ Lcub	0.21	8.13	0.91	SI
2 Piso	P32A	Top	B243-Wy- Lcub	0.21	8.13	0.79	SI
2 Piso	P32A	Bottom	B243-Wy- Lcub	0.21	8.13	0.91	SI
2 Piso	P32A	Top	B244-Wx+ Lcub	0.21	8.13	0.78	SI
2 Piso	P32A	Bottom	B244-Wx+ Lcub	0.21	8.13	1.06	SI
2 Piso	P32A	Top	B244-Wx- Lcub	0.21	8.13	0.78	SI
2 Piso	P32A	Bottom	B244-Wx- Lcub	0.21	8.13	1.06	SI
2 Piso	P32A	Top	B244-Wy+ Lcub	0.21	8.13	0.78	SI
2 Piso	P32A	Bottom	B244-Wy+ Lcub	0.21	8.13	1.06	SI
2 Piso	P32A	Top	B244-Wy- Lcub	0.21	8.13	0.78	SI
2 Piso	P32A	Bottom	B244-Wy- Lcub	0.21	8.13	1.06	SI
2 Piso	P32A	Top	B245-Ex+	0.21	8.13	0.67	SI
2 Piso	P32A	Bottom	B245-Ex+	0.21	8.13	1.04	SI
2 Piso	P32A	Top	B245-Ex-	0.21	8.13	0.73	SI
2 Piso	P32A	Bottom	B245-Ex-	0.21	8.13	1.04	SI
2 Piso	P32A	Top	B245-Ey+	0.21	8.13	0.78	SI
2 Piso	P32A	Bottom	B245-Ey+	0.21	8.13	1.06	SI
2 Piso	P32A	Top	B245-Ey-	0.21	8.13	0.62	SI
2 Piso	P32A	Bottom	B245-Ey-	0.21	8.13	0.93	SI
2 Piso	P32A	Top	B246-Wx+	0.21	8.13	0.57	SI
2 Piso	P32A	Bottom	B246-Wx+	0.21	8.13	0.88	SI
2 Piso	P32A	Top	B246-Wx-	0.21	8.13	0.57	SI
2 Piso	P32A	Bottom	B246-Wx-	0.21	8.13	0.68	SI
2 Piso	P32A	Top	B246-Wy+	0.21	8.13	0.57	SI
2 Piso	P32A	Bottom	B246-Wy+	0.21	8.13	0.68	SI
2 Piso	P32A	Top	B246-Wy-	0.21	8.13	0.57	SI
2 Piso	P32A	Bottom	B246-Wy-	0.21	8.13	0.68	SI
2 Piso	P32A	Top	B247-Ex+	0.21	8.13	0.48	SI
2 Piso	P32A	Bottom	B247-Ex+	0.21	8.13	0.67	SI
2 Piso	P32A	Top	B247-Ex-	0.21	8.13	0.55	SI
2 Piso	P32A	Bottom	B247-Ex-	0.21	8.13	0.68	SI
2 Piso	P32A	Top	B247-Ey+	0.21	8.13	0.80	SI
2 Piso	P32A	Bottom	B247-Ey+	0.21	8.13	0.78	SI
2 Piso	P32A	Top	B247-Ey-	0.21	8.13	0.44	SI
2 Piso	P32A	Bottom	B247 Ey	0.21	8.13	0.55	SI
2 Piso	P32A	Top	B242 G	0.21	8.13	0.77	SI
2 Piso	P32A	Bottom	B242 G	0.21	8.13	1.15	SI
2 Piso	P32A	Top	B243-Wx- G	0.21	8.13	0.84	SI
2 Piso	P32A	Bottom	B243-Wx- G	0.21	8.13	0.95	SI
2 Piso	P32A	Top	B243-Wy- G	0.21	8.13	0.84	SI
2 Piso	P32A	Bottom	B243-Wy- G	0.21	8.13	0.95	SI
2 Piso	P32A	Top	B243-Wx+ G	0.21	8.13	0.84	SI
2 Piso	P32A	Bottom	B243-Wx+ G	0.21	8.13	0.85	SI
2 Piso	P32A	Top	B243-Wy+ G	0.21	8.13	0.84	SI
2 Piso	P32A	Bottom	B243-Wy+ G	0.21	8.13	0.85	SI
2 Piso	P32A	Top	B244-Wx- G	0.21	8.13	0.82	SI
2 Piso	P32A	Bottom	B244-Wx- G	0.21	8.13	1.07	SI
2 Piso	P32A	Top	B244-Wx+ G	0.21	8.13	0.82	SI
2 Piso	P32A	Bottom	B244-Wx+ G	0.21	8.13	1.07	SI
2 Piso	P32A	Top	B244-Wy- G	0.21	8.13	0.82	SI
2 Piso	P32A	Bottom	B244-Wy- G	0.21	8.13	1.07	SI
2 Piso	P32A	Top	B244-Wy+ G	0.21	8.13	0.82	SI
2 Piso	P32A	Bottom	B244-Wy+ G	0.21	8.13	1.07	SI
2 Piso	P32B	Top	B241	0.14	3.98	0.77	SI
2 Piso	P32B	Bottom	B241	0.14	3.98	1.75	SI
2 Piso	P32B	Top	B242 Lcub	0.14	3.98	0.66	SI
2 Piso	P32B	Bottom	B242 Lcub	0.14	3.98	2.58	SI
2 Piso	P32B	Top	B243-Wx+ Lcub	0.14	3.98	0.64	SI
2 Piso	P32B	Bottom	B243-Wx+ Lcub	0.14	3.98	1.48	SI

STORY	MURO	LOC.	COMB	Aver(m²)	ΦVn(ton)	V33u(ton)	Cumple
2 Piso	P32B	Top	B243-Wx- Loub	0.14	3.98	0.94	SI
2 Piso	P32B	Bottom	B243-Wx- Loub	0.14	3.98	1.48	SI
2 Piso	P32B	Top	B243-Wx+ Loub	0.14	3.98	0.94	SI
2 Piso	P32B	Bottom	B243 Wx+ Loub	0.14	3.98	1.48	SI
2 Piso	P32B	Top	B243-Wx+ Loub	0.14	3.98	0.94	SI
2 Piso	P32B	Bottom	B243 Wx+ Loub	0.14	3.98	1.48	SI
2 Piso	P32B	Top	B244 Wx+ Loub	0.14	3.98	0.78	SI
2 Piso	P32B	Bottom	B244-Wx+ Loub	0.14	3.98	2.23	SI
2 Piso	P32B	Top	B244-Wx- Loub	0.14	3.98	0.78	SI
2 Piso	P32B	Bottom	B244-Wx- Loub	0.14	3.98	2.23	SI
2 Piso	P32B	Top	B244-Wx+ Loub	0.14	3.98	0.78	SI
2 Piso	P32B	Bottom	B244-Wx+ Loub	0.14	3.98	2.23	SI
2 Piso	P32B	Top	B244-Wx- Loub	0.14	3.98	0.78	SI
2 Piso	P32B	Bottom	B244 Wx- Loub	0.14	3.98	2.23	SI
2 Piso	P32B	Top	B245-Ex+	0.14	3.98	0.27	SI
2 Piso	P32B	Bottom	B245-Ex+	0.14	3.98	2.18	SI
2 Piso	P32B	Top	B245-Ex-	0.14	3.98	0.87	SI
2 Piso	P32B	Bottom	B245-Ex-	0.14	3.98	2.30	SI
2 Piso	P32B	Top	B245-Ey+	0.14	3.98	0.99	SI
2 Piso	P32B	Bottom	B245-Ey+	0.14	3.98	2.28	SI
2 Piso	P32B	Top	B245-Ey-	0.14	3.98	0.15	SI
2 Piso	P32B	Bottom	B245-Ey-	0.14	3.98	2.20	SI
2 Piso	P32B	Top	B246-Wx+	0.14	3.98	0.64	SI
2 Piso	P32B	Bottom	B246 Wx+	0.14	3.98	1.11	SI
2 Piso	P32B	Top	B246-Wx-	0.14	3.98	0.64	SI
2 Piso	P32B	Bottom	B246-Wx-	0.14	3.98	1.11	SI
2 Piso	P32B	Top	B246-Wy+	0.14	3.98	0.64	SI
2 Piso	P32B	Bottom	B246-Wy+	0.14	3.98	1.11	SI
2 Piso	P32B	Top	B246-Wy-	0.14	3.98	0.64	SI
2 Piso	P32B	Bottom	B246-Wy-	0.14	3.98	1.11	SI
2 Piso	P32B	Top	B247-Ex+	0.14	3.98	0.20	SI
2 Piso	P32B	Bottom	B247-Ex+	0.14	3.98	1.08	SI
2 Piso	P32B	Top	B247-Ex-	0.14	3.98	0.79	SI
2 Piso	P32B	Bottom	B247-Ex-	0.14	3.98	1.18	SI
2 Piso	P32B	Top	B247-Ey+	0.14	3.98	0.62	SI
2 Piso	P32B	Bottom	B247-Ey+	0.14	3.98	1.16	SI
2 Piso	P32B	Top	B247-Ey-	0.14	3.98	0.07	SI
2 Piso	P32B	Bottom	B247-Ey-	0.14	3.98	1.09	SI
2 Piso	P32B	Top	B242 G	0.14	3.98	0.70	SI
2 Piso	P32B	Bottom	B242 G	0.14	3.98	2.07	SI
2 Piso	P32B	Top	B243-Wx- G	0.14	3.98	1.32	SI
2 Piso	P32B	Bottom	B243-Wx- G	0.14	3.98	1.45	SI
2 Piso	P32B	Top	B243-Wx+ G	0.14	3.98	1.32	SI
2 Piso	P32B	Bottom	B243-Wx+ G	0.14	3.98	1.45	SI
2 Piso	P32B	Top	B243-Wx+ G	0.14	3.98	1.32	SI
2 Piso	P32B	Bottom	B243-Wx+ G	0.14	3.98	1.45	SI
2 Piso	P32B	Top	B243-Wx+ G	0.14	3.98	1.32	SI
2 Piso	P32B	Bottom	B243-Wx+ G	0.14	3.98	1.45	SI
2 Piso	P32B	Top	B244-Wx- G	0.14	3.98	0.90	SI
2 Piso	P32B	Bottom	B244-Wx- G	0.14	3.98	2.22	SI
2 Piso	P32B	Top	B244-Wx+ G	0.14	3.98	0.80	SI
2 Piso	P32B	Bottom	B244-Wx+ G	0.14	3.98	2.22	SI
2 Piso	P32B	Top	B244-Wy- G	0.14	3.98	0.80	SI
2 Piso	P32B	Bottom	B244-Wy- G	0.14	3.98	2.22	SI
2 Piso	P32B	Top	B244-Wy+ G	0.14	3.98	0.80	SI
2 Piso	P32B	Bottom	B244-Wy+ G	0.14	3.98	2.22	SI
2 Piso	P33	Top	B241	0.77	22.48	-1.10	SI
2 Piso	P33	Bottom	B241	0.77	22.48	-3.48	SI
2 Piso	P33	Top	B242 Loub	0.77	22.48	-0.85	SI
2 Piso	P33	Bottom	B242 Loub	0.77	22.48	-4.31	SI
2 Piso	P33	Top	B243-Wx+ Loub	0.77	22.48	1.44	SI
2 Piso	P33	Bottom	B243-Wx+ Loub	0.77	22.48	-2.58	SI
2 Piso	P33	Top	B243-Wx- Loub	0.77	22.48	-1.44	SI
2 Piso	P33	Bottom	B243 Wx- Loub	0.77	22.48	-2.80	SI
2 Piso	P33	Top	B243-Wy+ Loub	0.77	22.48	-1.44	SI
2 Piso	P33	Bottom	B243-Wy+ Loub	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B243-Wy- Loub	0.77	22.48	1.44	SI
2 Piso	P33	Bottom	B243 Wy- Loub	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B244-Wx+ Loub	0.77	22.48	-1.21	SI
2 Piso	P33	Bottom	B244-Wx+ Loub	0.77	22.48	-3.91	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amin(m²)	ΦVn(ton)	V33u (ton)	Cumple
2 Piso	P33	Top	B244-Wx- Loub	0.77	22.48	-1.21	SI
2 Piso	P33	Bottom	B244-Wx- Loub	0.77	22.48	-3.81	SI
2 Piso	P33	Top	B244-Wy+ Loub	0.77	22.48	-1.21	SI
2 Piso	P33	Bottom	B244-Wy+ Loub	0.77	22.48	-3.81	SI
2 Piso	P33	Top	B244-Wy- Loub	0.77	22.48	-1.21	SI
2 Piso	P33	Bottom	B244-Wy- Loub	0.77	22.48	-3.81	SI
2 Piso	P33	Top	B245-Ex+	0.77	22.48	-1.92	SI
2 Piso	P33	Bottom	B245-Ex+	0.77	22.48	-3.78	SI
2 Piso	P33	Top	B245-Ex-	0.77	22.48	-0.35	SI
2 Piso	P33	Bottom	B245-Ex-	0.77	22.48	-3.85	SI
2 Piso	P33	Top	B245-Ey+	0.77	22.48	-0.12	SI
2 Piso	P33	Bottom	B245-Ey+	0.77	22.48	-3.70	SI
2 Piso	P33	Top	B245-Ey-	0.77	22.48	-1.54	SI
2 Piso	P33	Bottom	B245-Ey-	0.77	22.48	-3.83	SI
2 Piso	P33	Top	B248-Wx+	0.77	22.48	-0.97	SI
2 Piso	P33	Bottom	B248-Wx+	0.77	22.48	-2.24	SI
2 Piso	P33	Top	B248-Wx-	0.77	22.48	-0.97	SI
2 Piso	P33	Bottom	B248-Wx-	0.77	22.48	-2.24	SI
2 Piso	P33	Top	B248-Wy+	0.77	22.48	0.97	SI
2 Piso	P33	Bottom	B248-Wy+	0.77	22.48	-2.24	SI
2 Piso	P33	Top	B248-Wy-	0.77	22.48	-0.97	SI
2 Piso	P33	Bottom	B248-Wy-	0.77	22.48	-2.24	SI
2 Piso	P33	Top	B247-Ex+	0.77	22.48	-1.20	SI
2 Piso	P33	Bottom	B247-Ex+	0.77	22.48	-2.20	SI
2 Piso	P33	Top	B247-Ex-	0.77	22.48	-0.22	SI
2 Piso	P33	Bottom	B247-Ex-	0.77	22.48	-2.27	SI
2 Piso	P33	Top	B247-Ey+	0.77	22.48	0.00	SI
2 Piso	P33	Bottom	B247-Ey+	0.77	22.48	-2.12	SI
2 Piso	P33	Top	B247-Ey-	0.77	22.48	-1.42	SI
2 Piso	P33	Bottom	B247-Ey-	0.77	22.48	-2.35	SI
2 Piso	P33	Top	B242 G	0.77	22.48	-1.80	SI
2 Piso	P33	Bottom	B242 G	0.77	22.48	-4.31	SI
2 Piso	P33	Top	B243-Wx- G	0.77	22.48	-2.13	SI
2 Piso	P33	Bottom	B243-Wx- G	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B243-Wy- G	0.77	22.48	-2.13	SI
2 Piso	P33	Bottom	B243-Wy- G	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B243-Wx+ G	0.77	22.48	-2.13	SI
2 Piso	P33	Bottom	B243-Wx+ G	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B243-Wy+ G	0.77	22.48	-2.13	SI
2 Piso	P33	Bottom	B243-Wy+ G	0.77	22.48	-2.98	SI
2 Piso	P33	Top	B244-Wx- G	0.77	22.48	-1.63	SI
2 Piso	P33	Bottom	B244-Wx- G	0.77	22.48	3.81	SI
2 Piso	P33	Top	B244-Wx+ G	0.77	22.48	-1.43	SI
2 Piso	P33	Bottom	B244-Wx+ G	0.77	22.48	-3.81	SI
2 Piso	P33	Top	B244-Wy- G	0.77	22.48	-1.43	SI
2 Piso	P33	Bottom	B244-Wy- G	0.77	22.48	-3.81	SI
2 Piso	P33	Top	B244-Wy+ G	0.77	22.48	-1.43	SI
2 Piso	P33	Bottom	B244-Wy+ G	0.77	22.48	-3.81	SI
2 Piso	P35	Top	B241	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B241	0.12	3.61	-0.18	SI
2 Piso	P35	Top	B242 Loub	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B242 Loub	0.12	3.61	0.02	SI
2 Piso	P35	Top	B243-Wx+ Loub	0.12	3.61	-0.29	SI
2 Piso	P35	Bottom	B243-Wx+ Loub	0.12	3.61	-0.18	SI
2 Piso	P35	Top	B243-Wx- Loub	0.12	3.61	-0.29	SI
2 Piso	P35	Bottom	B243-Wx- Loub	0.12	3.61	-0.18	SI
2 Piso	P35	Top	B243 Wy+ Loub	0.12	3.61	0.29	SI
2 Piso	P35	Bottom	B243-Wy+ Loub	0.12	3.61	-0.18	SI
2 Piso	P35	Top	B243-Wy- Loub	0.12	3.61	-0.28	SI
2 Piso	P35	Bottom	B243-Wy- Loub	0.12	3.61	-0.18	SI
2 Piso	P35	Top	B244-Wx+ Loub	0.12	3.61	-0.31	SI
2 Piso	P35	Bottom	B244-Wx+ Loub	0.12	3.61	-0.09	SI
2 Piso	P35	Top	B244-Wx- Loub	0.12	3.61	-0.31	SI
2 Piso	P35	Bottom	B244-Wx- Loub	0.12	3.61	-0.05	SI
2 Piso	P35	Top	B244-Wy+ Loub	0.12	3.61	-0.31	SI
2 Piso	P35	Bottom	B244-Wy+ Loub	0.12	3.61	-0.09	SI
2 Piso	P35	Top	B244-Wy- Loub	0.12	3.61	-0.31	SI
2 Piso	P35	Bottom	B244-Wy- Loub	0.12	3.61	-0.09	SI
2 Piso	P35	Top	B245-Ex+	0.12	3.61	-0.30	SI
2 Piso	P35	Bottom	B245 Ex-	0.12	3.61	-0.05	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Area(m²)	ΦVn(ton)	V33u(ton)	Cumple
2 Piso	P35	Top	B245-Ex-	0.12	3.61	-0.30	SI
2 Piso	P35	Bottom	B245-Ex-	0.12	3.61	-0.08	SI
2 Piso	P35	Top	B245-Ey+	0.12	3.61	0.20	SI
2 Piso	P35	Bottom	B245-Ey+	0.12	3.61	0.04	SI
2 Piso	P35	Top	B245-Ey-	0.12	3.61	-0.39	SI
2 Piso	P35	Bottom	B245-Ey-	0.12	3.61	-0.19	SI
2 Piso	P35	Top	B246-Wx+	0.12	3.61	-0.21	SI
2 Piso	P35	Bottom	B246-Wx+	0.12	3.61	-0.13	SI
2 Piso	P35	Top	B246-Wx-	0.12	3.61	-0.21	SI
2 Piso	P35	Bottom	B246-Wx-	0.12	3.61	-0.13	SI
2 Piso	P35	Top	B246-Wy+	0.12	3.61	-0.21	SI
2 Piso	P35	Bottom	B246-Wy+	0.12	3.61	-0.13	SI
2 Piso	P35	Top	B246-Wy-	0.12	3.61	-0.21	SI
2 Piso	P35	Bottom	B246-Wy-	0.12	3.61	-0.13	SI
2 Piso	P35	Top	B247-Ex+	0.12	3.61	-0.20	SI
2 Piso	P35	Bottom	B247-Ex+	0.12	3.61	-0.10	SI
2 Piso	P35	Top	B247-Ex-	0.12	3.61	-0.20	SI
2 Piso	P35	Bottom	B247-Ex-	0.12	3.61	-0.14	SI
2 Piso	P35	Top	B247-Ey-	0.12	3.61	0.11	SI
2 Piso	P35	Bottom	B247-Ey+	0.12	3.61	-0.04	SI
2 Piso	P35	Top	B247-Ey-	0.12	3.61	-0.30	SI
2 Piso	P35	Bottom	B247-Ey-	0.12	3.61	-0.24	SI
2 Piso	P35	Top	B242 G	0.12	3.61	-0.33	SI
2 Piso	P35	Bottom	B242 G	0.12	3.61	-0.03	SI
2 Piso	P35	Top	B243-Wx- G	0.12	3.61	0.32	SI
2 Piso	P35	Bottom	B243-Wx- G	0.12	3.61	-0.21	SI
2 Piso	P35	Top	B243-Wy- G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B243-Wy- G	0.12	3.61	-0.21	SI
2 Piso	P35	Top	B243-Wx+ G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B243-Wx+ G	0.12	3.61	-0.21	SI
2 Piso	P35	Top	B243-Wy+ G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B243-Wy+ G	0.12	3.61	-0.21	SI
2 Piso	P35	Top	B244-Wx- G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B244-Wx- G	0.12	3.61	-0.10	SI
2 Piso	P35	Top	B244-Wx+ G	0.12	3.61	0.32	SI
2 Piso	P35	Bottom	B244-Wx+ G	0.12	3.61	-0.10	SI
2 Piso	P35	Top	B244-Wy- G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B244-Wy- G	0.12	3.61	-0.10	SI
2 Piso	P35	Top	B244-Wy+ G	0.12	3.61	-0.32	SI
2 Piso	P35	Bottom	B244-Wy+ G	0.12	3.61	-0.10	SI
2 Piso	P36	Top	B241	1.85	54.16	-1.49	SI
2 Piso	P36	Bottom	B241	1.85	54.16	1.21	SI
2 Piso	P38	Top	B242 Loub	1.85	54.16	-1.42	SI
2 Piso	P38	Bottom	B242 Loub	1.85	54.16	-1.13	SI
2 Piso	P38	Top	B243-Wx+ Loub	1.85	54.16	-1.47	SI
2 Piso	P38	Bottom	B243-Wx+ Loub	1.85	54.16	-1.21	SI
2 Piso	P38	Top	B243-Wx- Loub	1.85	54.16	-1.47	SI
2 Piso	P36	Bottom	B243-Wx- Loub	1.85	54.16	-1.21	SI
2 Piso	P36	Top	B243-Wy+ Loub	1.85	54.16	-1.47	SI
2 Piso	P36	Bottom	B243-Wy+ Loub	1.85	54.16	-1.21	SI
2 Piso	P36	Top	B243-Wy- Loub	1.85	54.16	-1.47	SI
2 Piso	P38	Bottom	B243-Wy- Loub	1.85	54.16	1.21	SI
2 Piso	P38	Top	B244-Wx+ Loub	1.85	54.16	-1.48	SI
2 Piso	P36	Bottom	B244-Wx+ Loub	1.85	54.16	-1.20	SI
2 Piso	P36	Top	B244-Wx- Loub	1.85	54.16	-1.48	SI
2 Piso	P36	Bottom	B244-Wx- Loub	1.85	54.16	-1.20	SI
2 Piso	P36	Top	B244-Wy+ Loub	1.85	54.16	-1.49	SI
2 Piso	P36	Bottom	B244-Wy+ Loub	1.85	54.16	-1.20	SI
2 Piso	P36	Top	B244-Wy- Loub	1.85	54.16	-1.48	SI
2 Piso	P36	Bottom	B244-Wy- Loub	1.85	54.16	-1.20	SI
2 Piso	P36	Top	B245-Ex+	1.85	54.16	-1.48	SI
2 Piso	P36	Bottom	B245-Ex+	1.85	54.16	-1.15	SI
2 Piso	P36	Top	B245-Ex-	1.85	54.16	-1.19	SI
2 Piso	P36	Bottom	B245-Ex-	1.85	54.16	1.00	SI
2 Piso	P36	Top	B245-Ey+	1.85	54.16	0.23	SI
2 Piso	P36	Bottom	B245-Ey+	1.85	54.16	0.50	SI
2 Piso	P36	Top	B245-Ey-	1.85	54.16	-2.90	SI
2 Piso	P36	Bottom	B245-Ey-	1.85	54.16	-2.73	SI
2 Piso	P36	Top	B246-Wx+	1.85	54.16	-1.08	SI
2 Piso	P36	Bottom	B246-Wx+	1.85	54.16	0.87	SI

STORY	MURO	LOC	COMB	Amv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P38	Top	B246-Wx-	1.85	54.16	-1.06	SI
2 Piso	P38	Bottom	B246-Wx-	1.85	54.16	-0.87	SI
2 Piso	P38	Top	B246-Wx+	1.85	54.16	-1.06	SI
2 Piso	P38	Bottom	B246-Wx+	1.85	54.16	-0.87	SI
2 Piso	P38	Top	B246-Wy-	1.85	54.16	-1.06	SI
2 Piso	P38	Bottom	B246-Wy-	1.85	54.16	-0.87	SI
2 Piso	P38	Top	B247-Ex+	1.85	54.16	-1.10	SI
2 Piso	P38	Bottom	B247-Ex+	1.85	54.16	-0.85	SI
2 Piso	P38	Top	B247-Ex-	1.85	54.16	-0.80	SI
2 Piso	P38	Bottom	B247-Ex-	1.85	54.16	-0.71	SI
2 Piso	P38	Top	B247-Ey+	1.85	54.16	0.81	SI
2 Piso	P38	Bottom	B247-Ey+	1.85	54.16	0.87	SI
2 Piso	P38	Top	B247-Ey-	1.85	54.16	-2.52	SI
2 Piso	P38	Bottom	B247-Ey-	1.85	54.16	-2.43	SI
2 Piso	P38	Top	B242 G	1.85	54.16	-1.51	SI
2 Piso	P38	Bottom	B242 G	1.85	54.16	-1.20	SI
2 Piso	P38	Top	B243-Wx- G	1.85	54.16	-1.74	SI
2 Piso	P38	Bottom	B243-Wx- G	1.85	54.16	-1.43	SI
2 Piso	P38	Top	B243-Wy- G	1.85	54.16	-1.74	SI
2 Piso	P38	Bottom	B243-Wy- G	1.85	54.16	-1.43	SI
2 Piso	P38	Top	B243-Wx+ G	1.85	54.16	-1.74	SI
2 Piso	P38	Bottom	B243-Wx+ G	1.85	54.16	-1.43	SI
2 Piso	P38	Top	B243-Wy+ G	1.85	54.16	-1.74	SI
2 Piso	P38	Bottom	B243-Wy+ G	1.85	54.16	-1.43	SI
2 Piso	P38	Top	B244-Wx- G	1.85	54.16	-1.57	SI
2 Piso	P38	Bottom	B244-Wx- G	1.85	54.16	-1.27	SI
2 Piso	P38	Top	B244-Wx+ G	1.85	54.16	-1.57	SI
2 Piso	P38	Bottom	B244-Wx+ G	1.85	54.16	-1.27	SI
2 Piso	P38	Top	B244-Wy- G	1.85	54.16	-1.57	SI
2 Piso	P38	Bottom	B244-Wy- G	1.85	54.16	-1.27	SI
2 Piso	P38	Top	B244-Wy+ G	1.85	54.16	-1.57	SI
2 Piso	P38	Bottom	B244-Wy+ G	1.85	54.16	-1.27	SI
2 Piso	P37	Top	B241	0.75	22.07	-0.46	SI
2 Piso	P37	Bottom	B241	0.75	22.07	-2.93	SI
2 Piso	P37	Top	B242 Loub	0.75	22.07	-0.24	SI
2 Piso	P37	Bottom	B242 Loub	0.75	22.07	-3.06	SI
2 Piso	P37	Top	B243-Wx+ Loub	0.75	22.07	-0.66	SI
2 Piso	P37	Bottom	B243-Wx+ Loub	0.75	22.07	-2.41	SI
2 Piso	P37	Top	B243-Wx- Loub	0.75	22.07	-0.66	SI
2 Piso	P37	Bottom	B243-Wx- Loub	0.75	22.07	2.41	SI
2 Piso	P37	Top	B243-Wy+ Loub	0.75	22.07	-0.66	SI
2 Piso	P37	Bottom	B243-Wy+ Loub	0.75	22.07	-2.41	SI
2 Piso	P37	Top	B243-Wy- Loub	0.75	22.07	-0.66	SI
2 Piso	P37	Bottom	B243-Wy- Loub	0.75	22.07	-2.41	SI
2 Piso	P37	Top	B244 Wx+ Loub	0.75	22.07	-0.48	SI
2 Piso	P37	Bottom	B244-Wx+ Loub	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B244-Wx- Loub	0.75	22.07	-0.48	SI
2 Piso	P37	Bottom	B244-Wx- Loub	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B244-Wy+ Loub	0.75	22.07	-0.48	SI
2 Piso	P37	Bottom	B244-Wy+ Loub	0.75	22.07	-3.19	SI
2 Piso	P37	Top	B244 Wy- Loub	0.75	22.07	-0.48	SI
2 Piso	P37	Bottom	B244-Wy- Loub	0.75	22.07	3.19	SI
2 Piso	P37	Top	B245-Ex+	0.75	22.07	0.17	SI
2 Piso	P37	Bottom	B245-Ex+	0.75	22.07	-3.20	SI
2 Piso	P37	Top	B245-Ex-	0.75	22.07	-0.70	SI
2 Piso	P37	Bottom	B245-Ex-	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B245-Ey+	0.75	22.07	0.20	SI
2 Piso	P37	Bottom	B245-Ey+	0.75	22.07	-3.08	SI
2 Piso	P37	Top	B245-Ey-	0.75	22.07	-0.72	SI
2 Piso	P37	Bottom	B245-Ey-	0.75	22.07	-3.31	SI
2 Piso	P37	Top	B246-Wx+	0.75	22.07	-0.44	SI
2 Piso	P37	Bottom	B246-Wx+	0.75	22.07	-1.81	SI
2 Piso	P37	Top	B246-Wx-	0.75	22.07	0.44	SI
2 Piso	P37	Bottom	B246-Wx-	0.75	22.07	-1.81	SI
2 Piso	P37	Top	B246-Wy+	0.75	22.07	-0.44	SI
2 Piso	P37	Bottom	B246-Wy+	0.75	22.07	-1.81	SI
2 Piso	P37	Top	B246-Wy-	0.75	22.07	-0.44	SI
2 Piso	P37	Bottom	B246-Wy-	0.75	22.07	-1.81	SI
2 Piso	P37	Top	B247-Ex+	0.75	22.07	0.14	SI
2 Piso	P37	Bottom	B247-Ex+	0.75	22.07	-1.85	SI

STORY	MURO	LOC.	COMB	Amv(m²)	ΦVn(ton)	V33u(ton)	Cumple
2 Piso	P37	Top	B247 Ex-	0.75	22.07	-0.73	SI
2 Piso	P37	Bottom	B247-Ex-	0.75	22.07	-1.78	SI
2 Piso	P37	Top	B247-Ey+	0.75	22.07	0.16	SI
2 Piso	P37	Bottom	B247-Ey+	0.75	22.07	-1.70	SI
2 Piso	P37	Top	B247-Ey-	0.75	22.07	-0.75	SI
2 Piso	P37	Bottom	B247-Ey-	0.75	22.07	-1.93	SI
2 Piso	P37	Top	B242 G	0.75	22.07	0.36	SI
2 Piso	P37	Bottom	B242 G	0.75	22.07	-3.65	SI
2 Piso	P37	Top	B243-Wx- G	0.75	22.07	-1.02	SI
2 Piso	P37	Bottom	B243-Wx- G	0.75	22.07	-2.40	SI
2 Piso	P37	Top	B243-Wy- G	0.75	22.07	-1.03	SI
2 Piso	P37	Bottom	B243-Wy- G	0.75	22.07	-2.40	SI
2 Piso	P37	Top	B243-Wx+ G	0.75	22.07	-1.03	SI
2 Piso	P37	Bottom	B243-Wx+ G	0.75	22.07	-2.40	SI
2 Piso	P37	Top	B243-Wy+ G	0.75	22.07	-1.03	SI
2 Piso	P37	Bottom	B243-Wy+ G	0.75	22.07	-2.40	SI
2 Piso	P37	Top	B244-Wx- G	0.75	22.07	-0.56	SI
2 Piso	P37	Bottom	B244-Wx- G	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B244-Wx+ G	0.75	22.07	-0.58	SI
2 Piso	P37	Bottom	B244-Wx+ G	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B244-Wy- G	0.75	22.07	-0.56	SI
2 Piso	P37	Bottom	B244-Wy- G	0.75	22.07	-3.18	SI
2 Piso	P37	Top	B244-Wy+ G	0.75	22.07	-0.58	SI
2 Piso	P37	Bottom	B244-Wy+ G	0.75	22.07	-3.18	SI
2 Piso	P38	Top	B241	0.47	13.80	-0.96	SI
2 Piso	P38	Bottom	B241	0.47	13.80	2.52	SI
2 Piso	P38	Top	B242 Loub	0.47	13.80	-1.09	SI
2 Piso	P38	Bottom	B242 Loub	0.47	13.80	3.17	SI
2 Piso	P38	Top	B243-Wx+ Loub	0.47	13.80	-1.11	SI
2 Piso	P38	Bottom	B243-Wx+ Loub	0.47	13.80	2.18	SI
2 Piso	P38	Top	B243-Wx- Loub	0.47	13.80	-1.11	SI
2 Piso	P38	Bottom	B243-Wx- Loub	0.47	13.80	2.18	SI
2 Piso	P38	Top	B243 Wy+ Loub	0.47	13.80	1.11	SI
2 Piso	P38	Bottom	B243-Wy+ Loub	0.47	13.80	2.18	SI
2 Piso	P38	Top	B243-Wy- Loub	0.47	13.80	-1.11	SI
2 Piso	P38	Bottom	B243-Wy- Loub	0.47	13.80	2.18	SI
2 Piso	P38	Top	B244-Wx+ Loub	0.47	13.80	-1.12	SI
2 Piso	P38	Bottom	B244-Wx+ Loub	0.47	13.80	2.80	SI
2 Piso	P38	Top	B244-Wx- Loub	0.47	13.80	-1.12	SI
2 Piso	P38	Bottom	B244-Wx- Loub	0.47	13.80	2.80	SI
2 Piso	P38	Top	B244-Wy+ Loub	0.47	13.80	-1.12	SI
2 Piso	P38	Bottom	B244-Wy+ Loub	0.47	13.80	2.80	SI
2 Piso	P38	Top	B244-Wy- Loub	0.47	13.80	-1.12	SI
2 Piso	P38	Bottom	B244-Wy- Loub	0.47	13.80	2.80	SI
2 Piso	P38	Top	B245-Ex+	0.47	13.80	-0.68	SI
2 Piso	P38	Bottom	B245-Ex+	0.47	13.80	3.04	SI
2 Piso	P38	Top	B245-Ex-	0.47	13.80	-0.86	SI
2 Piso	P38	Bottom	B245-Ex-	0.47	13.80	2.50	SI
2 Piso	P38	Top	B245-Ey+	0.47	13.80	-0.79	SI
2 Piso	P38	Bottom	B245-Ey+	0.47	13.80	2.71	SI
2 Piso	P38	Top	B245-Ey-	0.47	13.80	1.06	SI
2 Piso	P38	Bottom	B245-Ey-	0.47	13.80	2.06	SI
2 Piso	P38	Top	B246-Wx+	0.47	13.80	-0.77	SI
2 Piso	P38	Bottom	B246-Wx+	0.47	13.80	1.83	SI
2 Piso	P38	Top	B246-Wx-	0.47	13.80	-0.77	SI
2 Piso	P38	Bottom	B246 Wx-	0.47	13.80	1.83	SI
2 Piso	P38	Top	B246-Wy+	0.47	13.80	-0.77	SI
2 Piso	P38	Bottom	B246-Wy+	0.47	13.80	1.83	SI
2 Piso	P38	Top	B246-Wy-	0.47	13.80	-0.77	SI
2 Piso	P38	Bottom	B246-Wy-	0.47	13.80	1.83	SI
2 Piso	P38	Top	B247-Ex+	0.47	13.80	-0.68	SI
2 Piso	P38	Bottom	B247-Ex+	0.47	13.80	1.88	SI
2 Piso	P38	Top	B247-Ex-	0.47	13.80	-0.57	SI
2 Piso	P38	Bottom	B247-Ex-	0.47	13.80	1.36	SI
2 Piso	P38	Top	B247-Ey+	0.47	13.80	-0.50	SI
2 Piso	P38	Bottom	B247-Ey+	0.47	13.80	1.54	SI
2 Piso	P38	Top	B247-Ey-	0.47	13.80	-0.77	SI
2 Piso	P38	Bottom	B247-Ey-	0.47	13.80	1.70	SI
2 Piso	P39	Top	B242 G	0.47	13.80	-1.14	SI
2 Piso	P39	Bottom	B242 G	0.47	13.80	3.17	SI

STORY	MURO	LOC.	COMB	Aasv (m²)	ΦVn (ton)	VU2d (ton)	Cumple
2 Piso	P38	Top	B243-Wx- G	0.47	13.80	-1.47	SI
2 Piso	P38	Bottom	B243 Wx- G	0.47	13.80	2.20	SI
2 Piso	P38	Top	B243-Wy- G	0.47	13.80	-1.47	SI
2 Piso	P38	Bottom	B243-Wy- G	0.47	13.80	2.20	SI
2 Piso	P38	Top	B243-Wx+ G	0.47	13.80	-1.47	SI
2 Piso	P38	Bottom	B243-Wx+ G	0.47	13.80	2.20	SI
2 Piso	P38	Top	B243-Wy+ G	0.47	13.80	-1.47	SI
2 Piso	P38	Bottom	B243 Wy- G	0.47	13.80	2.20	SI
2 Piso	P38	Top	B244-Wx- G	0.47	13.80	-1.24	SI
2 Piso	P38	Bottom	B244-Wx- G	0.47	13.80	2.81	SI
2 Piso	P38	Top	B244-Wx+ G	0.47	13.80	-1.24	SI
2 Piso	P38	Bottom	B244-Wx+ G	0.47	13.80	2.81	SI
2 Piso	P38	Top	B244-Wy- G	0.47	13.80	-1.24	SI
2 Piso	P38	Bottom	B244 Wy- G	0.47	13.80	2.81	SI
2 Piso	P38	Top	B244-Wy+ G	0.47	13.80	-1.24	SI
2 Piso	P38	Bottom	B244-Wy+ G	0.47	13.80	2.81	SI
2 Piso	P39	Top	B241	0.61	17.94	-1.38	SI
2 Piso	P39	Bottom	B241	0.61	17.94	1.06	SI
2 Piso	P39	Top	B242 Loub	0.61	17.94	-1.28	SI
2 Piso	P39	Bottom	B242 Loub	0.61	17.94	1.30	SI
2 Piso	P39	Top	B243-Wx+ Loub	0.61	17.94	-1.71	SI
2 Piso	P39	Bottom	B243-Wx+ Loub	0.61	17.94	1.06	SI
2 Piso	P39	Top	B243-Wx- Loub	0.61	17.94	-1.71	SI
2 Piso	P39	Bottom	B243-Wx- Loub	0.61	17.94	1.06	SI
2 Piso	P39	Top	B243 Wy+ Loub	0.61	17.94	-1.71	SI
2 Piso	P39	Bottom	B243-Wy+ Loub	0.61	17.94	1.06	SI
2 Piso	P39	Top	B243-Wy- Loub	0.61	17.94	-1.71	SI
2 Piso	P39	Bottom	B243-Wy- Loub	0.61	17.94	1.06	SI
2 Piso	P39	Top	B244-Wx+ Loub	0.61	17.94	-1.55	SI
2 Piso	P39	Bottom	B244-Wx+ Loub	0.61	17.94	1.24	SI
2 Piso	P39	Top	B244-Wx- Loub	0.61	17.94	-1.55	SI
2 Piso	P39	Bottom	B244-Wx- Loub	0.61	17.94	1.24	SI
2 Piso	P39	Top	B244-Wy+ Loub	0.61	17.94	-1.55	SI
2 Piso	P39	Bottom	B244-Wy+ Loub	0.61	17.94	1.24	SI
2 Piso	P39	Top	B244 Wy- Loub	0.61	17.94	1.55	SI
2 Piso	P39	Bottom	B244-Wy- Loub	0.61	17.94	1.24	SI
2 Piso	P39	Top	B245 Ex+	0.61	17.94	-0.86	SI
2 Piso	P39	Bottom	B245-Ex+	0.61	17.94	1.14	SI
2 Piso	P39	Top	B245-Ex-	0.61	17.94	-1.36	SI
2 Piso	P39	Bottom	B245-Ex-	0.61	17.94	1.14	SI
2 Piso	P39	Top	B245 Ey+	0.61	17.94	-1.17	SI
2 Piso	P39	Bottom	B245 Ey+	0.61	17.94	1.30	SI
2 Piso	P39	Top	B245-Ey-	0.61	17.94	-1.15	SI
2 Piso	P39	Bottom	B245-Ey-	0.61	17.94	0.98	SI
2 Piso	P39	Top	B246-Wx+	0.61	17.94	-1.18	SI
2 Piso	P39	Bottom	B246-Wx+	0.61	17.94	0.77	SI
2 Piso	P39	Top	B246-Wx-	0.61	17.94	-1.18	SI
2 Piso	P39	Bottom	B246-Wx-	0.61	17.94	0.77	SI
2 Piso	P39	Top	B246-Wy+	0.61	17.94	-1.18	SI
2 Piso	P39	Bottom	B246-Wy+	0.61	17.94	0.77	SI
2 Piso	P39	Top	B246-Wy-	0.61	17.94	-1.18	SI
2 Piso	P39	Bottom	B246-Wy-	0.61	17.94	0.77	SI
2 Piso	P39	Top	B247-Ex+	0.61	17.94	-0.89	SI
2 Piso	P39	Bottom	B247-Ex+	0.61	17.94	0.69	SI
2 Piso	P39	Top	B247-Ex-	0.61	17.94	-1.09	SI
2 Piso	P39	Bottom	B247-Ex-	0.61	17.94	0.70	SI
2 Piso	P39	Top	B247-Ey+	0.61	17.94	-0.90	SI
2 Piso	P39	Bottom	B247-Ey+	0.61	17.94	0.96	SI
2 Piso	P39	Top	B247-Ey-	0.61	17.94	-0.85	SI
2 Piso	P39	Bottom	B247-Ey-	0.61	17.94	0.54	SI
2 Piso	P39	Top	B242 G	0.61	17.94	-1.49	SI
2 Piso	P39	Bottom	B242 G	0.61	17.94	1.38	SI
2 Piso	P39	Top	B243-Wx- G	0.61	17.94	-2.42	SI
2 Piso	P39	Bottom	B243-Wx- G	0.61	17.94	1.25	SI
2 Piso	P39	Top	B243-Wy- G	0.61	17.94	-2.42	SI
2 Piso	P39	Bottom	B243-Wy- G	0.61	17.94	1.25	SI
2 Piso	P39	Top	B243-Wx+ G	0.61	17.94	-2.42	SI
2 Piso	P39	Bottom	B243-Wx+ G	0.61	17.94	1.25	SI
2 Piso	P39	Top	B243-Wy+ G	0.61	17.94	-2.42	SI
2 Piso	P39	Bottom	B243-Wy+ G	0.61	17.94	1.25	SI

STORY	MURO	LOC.	COMB	Amv(m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P39	Top	B244-Wx- G	0.61	17.94	-1.78	SI
2 Piso	P39	Bottom	B244-Wx- G	0.61	17.94	1.30	SI
2 Piso	P39	Top	B244-Wx+ G	0.61	17.94	-1.78	SI
2 Piso	P39	Bottom	B244-Wx+ G	0.61	17.94	1.30	SI
2 Piso	P39	Top	B244-Wy- G	0.61	17.94	-1.78	SI
2 Piso	P39	Bottom	B244-Wy- G	0.61	17.94	1.30	SI
2 Piso	P39	Top	B244-Wy+ G	0.61	17.94	-1.78	SI
2 Piso	P39	Bottom	B244 Wy+ G	0.61	17.94	1.30	SI
2 Piso	P40	Top	B241	0.61	17.94	0.77	SI
2 Piso	P40	Bottom	B241	0.61	17.94	-0.10	SI
2 Piso	P40	Top	B242 Loub	0.61	17.94	1.09	SI
2 Piso	P40	Bottom	B242 Loub	0.61	17.94	-0.10	SI
2 Piso	P40	Top	B243-Wx+ Loub	0.61	17.94	0.55	SI
2 Piso	P40	Bottom	B243-Wx+ Loub	0.61	17.94	0.02	SI
2 Piso	P40	Top	B243-Wx- Loub	0.61	17.94	0.55	SI
2 Piso	P40	Bottom	B243-Wx- Loub	0.61	17.94	0.02	SI
2 Piso	P40	Top	B243-Wy+ Loub	0.61	17.94	0.55	SI
2 Piso	P40	Bottom	B243-Wy+ Loub	0.61	17.94	0.02	SI
2 Piso	P40	Top	B243-Wy- Loub	0.61	17.94	0.55	SI
2 Piso	P40	Bottom	B243-Wy- Loub	0.61	17.94	0.02	SI
2 Piso	P40	Top	B244-Wx+ Loub	0.61	17.94	0.82	SI
2 Piso	P40	Bottom	B244-Wx+ Loub	0.61	17.94	-0.02	SI
2 Piso	P40	Top	B244-Wx- Loub	0.61	17.94	0.82	SI
2 Piso	P40	Bottom	B244-Wx- Loub	0.61	17.94	-0.02	SI
2 Piso	P40	Top	B244 Wy+ Loub	0.61	17.94	0.82	SI
2 Piso	P40	Bottom	B244-Wy+ Loub	0.61	17.94	-0.02	SI
2 Piso	P40	Top	B244-Wy- Loub	0.61	17.94	0.82	SI
2 Piso	P40	Bottom	B244-Wy- Loub	0.61	17.94	-0.02	SI
2 Piso	P40	Top	B245-Ex+	0.61	17.94	0.96	SI
2 Piso	P40	Bottom	B245-Ex+	0.61	17.94	-0.14	SI
2 Piso	P40	Top	B245-Ex-	0.61	17.94	0.86	SI
2 Piso	P40	Bottom	B245-Ex-	0.61	17.94	-0.11	SI
2 Piso	P40	Top	B245-Ey+	0.61	17.94	0.78	SI
2 Piso	P40	Bottom	B245-Ey+	0.61	17.94	-0.05	SI
2 Piso	P40	Top	B245-Ey-	0.61	17.94	1.04	SI
2 Piso	P40	Bottom	B245-Ey-	0.61	17.94	-0.30	SI
2 Piso	P40	Top	B246 Wx+	0.61	17.94	0.44	SI
2 Piso	P40	Bottom	B246-Wx+	0.61	17.94	-0.01	SI
2 Piso	P40	Top	B246-Wx-	0.61	17.94	0.44	SI
2 Piso	P40	Bottom	B246-Wx-	0.61	17.94	-0.01	SI
2 Piso	P40	Top	B246 Wy+	0.61	17.94	0.44	SI
2 Piso	P40	Bottom	B246-Wy+	0.61	17.94	-0.01	SI
2 Piso	P40	Top	B246-Wy-	0.61	17.94	0.44	SI
2 Piso	P40	Bottom	B246-Wy-	0.61	17.94	-0.01	SI
2 Piso	P40	Top	B247-Ex+	0.61	17.94	0.54	SI
2 Piso	P40	Bottom	B247-Ex+	0.61	17.94	-0.10	SI
2 Piso	P40	Top	B247-Ex-	0.61	17.94	0.45	SI
2 Piso	P40	Bottom	B247 Ex-	0.61	17.94	-0.06	SI
2 Piso	P40	Top	B247-Ey+	0.61	17.94	0.06	SI
2 Piso	P40	Bottom	B247-Ey+	0.61	17.94	-0.01	SI
2 Piso	P40	Top	B247-Ey-	0.61	17.94	0.87	SI
2 Piso	P40	Bottom	B247-Ey-	0.61	17.94	-0.16	SI
2 Piso	P40	Top	B242 G	0.61	17.94	0.88	SI
2 Piso	P40	Bottom	B242 G	0.61	17.94	-0.05	SI
2 Piso	P40	Top	B243-Wx- G	0.61	17.94	0.40	SI
2 Piso	P40	Bottom	B243-Wx- G	0.61	17.94	0.21	SI
2 Piso	P40	Top	B243-Wy- G	0.61	17.94	0.40	SI
2 Piso	P40	Bottom	B243-Wy- G	0.61	17.94	0.21	SI
2 Piso	P40	Top	B243 Wx+ G	0.61	17.94	0.40	SI
2 Piso	P40	Bottom	B243-Wx+ G	0.61	17.94	0.21	SI
2 Piso	P40	Top	B243-Wy+ G	0.61	17.94	0.40	SI
2 Piso	P40	Bottom	B243-Wy+ G	0.61	17.94	0.21	SI
2 Piso	P40	Top	B244-Wx- G	0.61	17.94	0.78	SI
2 Piso	P40	Bottom	B244-Wx- G	0.61	17.94	0.03	SI
2 Piso	P40	Top	B244-Wx- G	0.61	17.94	0.78	SI
2 Piso	P40	Bottom	B244-Wx- G	0.61	17.94	0.03	SI
2 Piso	P40	Top	B244-Wy- G	0.61	17.94	0.76	SI
2 Piso	P40	Bottom	B244-Wy- G	0.61	17.94	0.03	SI
2 Piso	P40	Top	B244-Wy+ G	0.61	17.94	0.78	SI
2 Piso	P40	Bottom	B244-Wy+ G	0.61	17.94	0.03	SI

STORY	MURO	LOC.	COMBI	Asmv (m²)	ΦVn (ton)	Vu3u (ton)	Cumple
2 Piso	P41	Top	B241	0.62	18.02	2.22	SI
2 Piso	P41	Bottom	B241	0.62	18.02	2.09	SI
2 Piso	P41	Top	B242 Lcub	0.62	18.02	2.47	SI
2 Piso	P41	Bottom	B242 Lcub	0.62	18.02	1.84	SI
2 Piso	P41	Top	B243-Wx+ Lcub	0.62	18.02	2.15	SI
2 Piso	P41	Bottom	B243-Wx+ Lcub	0.62	18.02	1.93	SI
2 Piso	P41	Top	B243-Wx- Lcub	0.62	18.02	2.15	SI
2 Piso	P41	Bottom	B243-Wx- Lcub	0.62	18.02	1.09	SI
2 Piso	P41	Top	B243-Wy+ Lcub	0.62	18.02	2.15	SI
2 Piso	P41	Bottom	B243-Wy+ Lcub	0.62	18.02	1.93	SI
2 Piso	P41	Top	B243 Wy- Lcub	0.62	18.02	2.15	SI
2 Piso	P41	Bottom	B243-Wy- Lcub	0.62	18.02	1.93	SI
2 Piso	P41	Top	B244-Wx+ Lcub	0.62	18.02	2.41	SI
2 Piso	P41	Bottom	B244-Wx+ Lcub	0.62	18.02	1.90	SI
2 Piso	P41	Top	B244-Wx- Lcub	0.62	18.02	2.41	SI
2 Piso	P41	Bottom	B244-Wx- Lcub	0.62	18.02	1.90	SI
2 Piso	P41	Top	B244-Wy+ Lcub	0.62	18.02	2.41	SI
2 Piso	P41	Bottom	B244-Wy+ Lcub	0.62	18.02	1.90	SI
2 Piso	P41	Top	B244-Wy- Lcub	0.62	18.02	2.41	SI
2 Piso	P41	Bottom	B244-Wy- Lcub	0.62	18.02	1.90	SI
2 Piso	P41	Top	B245-Ex+	0.62	18.02	2.34	SI
2 Piso	P41	Bottom	B245-Ex+	0.62	18.02	1.81	SI
2 Piso	P41	Top	B245-Ex-	0.62	18.02	2.41	SI
2 Piso	P41	Bottom	B245-Ex-	0.62	18.02	1.78	SI
2 Piso	P41	Top	B245-Ey+	0.62	18.02	2.39	SI
2 Piso	P41	Bottom	B245-Ey+	0.62	18.02	2.00	SI
2 Piso	P41	Top	B245-Ey-	0.62	18.02	2.07	SI
2 Piso	P41	Bottom	B245 Ey-	0.62	18.02	1.60	SI
2 Piso	P41	Top	B248-Wx+	0.62	18.02	1.58	SI
2 Piso	P41	Bottom	B248-Wx+	0.62	18.02	1.42	SI
2 Piso	P41	Top	B248-Wx-	0.62	18.02	1.58	SI
2 Piso	P41	Bottom	B248-Wx-	0.62	18.02	1.42	SI
2 Piso	P41	Top	B248-Wy+	0.62	18.02	1.58	SI
2 Piso	P41	Bottom	B248-Wy+	0.62	18.02	1.42	SI
2 Piso	P41	Top	B248-Wy-	0.62	18.02	1.56	SI
2 Piso	P41	Bottom	B248-Wy-	0.62	18.02	1.42	SI
2 Piso	P41	Top	B247-Ex+	0.62	18.02	1.54	SI
2 Piso	P41	Bottom	B247-Ex+	0.62	18.02	1.38	SI
2 Piso	P41	Top	B247-Ex-	0.62	18.02	1.32	SI
2 Piso	P41	Bottom	B247-Ex-	0.62	18.02	1.33	SI
2 Piso	P41	Top	B247-Ey+	0.62	18.02	1.59	SI
2 Piso	P41	Bottom	B247-Ey+	0.62	18.02	1.54	SI
2 Piso	P41	Top	B247-Ey-	0.62	18.02	1.27	SI
2 Piso	P41	Bottom	B247-Ey-	0.62	18.02	1.15	SI
2 Piso	P41	Top	B242 G	0.62	18.02	2.55	SI
2 Piso	P41	Bottom	B242 G	0.62	18.02	1.89	SI
2 Piso	P41	Top	B243-Wx- G	0.62	18.02	2.50	SI
2 Piso	P41	Bottom	B243-Wx- G	0.62	18.02	2.12	SI
2 Piso	P41	Top	B243-Wy- G	0.62	18.02	2.50	SI
2 Piso	P41	Bottom	B243-Wy- G	0.62	18.02	2.12	SI
2 Piso	P41	Top	B243 Wx+ G	0.62	18.02	2.50	SI
2 Piso	P41	Bottom	B243-Wx+ G	0.62	18.02	2.12	SI
2 Piso	P41	Top	B243-Wy+ G	0.62	18.02	2.50	SI
2 Piso	P41	Bottom	B243-Wy+ G	0.62	18.02	2.12	SI
2 Piso	P41	Top	B244-Wx- G	0.62	18.02	2.52	SI
2 Piso	P41	Bottom	B244-Wx- G	0.62	18.02	1.96	SI
2 Piso	P41	Top	B244 Wx+ G	0.62	18.02	2.52	SI
2 Piso	P41	Bottom	B244-Wx+ G	0.62	18.02	1.96	SI
2 Piso	P41	Top	B244-Wy- G	0.62	18.02	2.52	SI
2 Piso	P41	Bottom	B244-Wy- G	0.62	18.02	1.96	SI
2 Piso	P41	Top	B244 Wy+ G	0.62	18.02	2.52	SI
2 Piso	P41	Bottom	B244-Wy+ G	0.62	18.02	1.96	SI
2 Piso	P42	Top	B241	0.58	16.97	1.46	SI
2 Piso	P42	Bottom	B241	0.58	16.97	-0.31	SI
2 Piso	P42	Top	B242 Lcub	0.58	16.97	1.68	SI
2 Piso	P42	Bottom	B242 Lcub	0.58	16.97	-0.44	SI
2 Piso	P42	Top	B243-Wx+ Lcub	0.58	16.97	1.38	SI
2 Piso	P42	Bottom	B243-Wx+ Lcub	0.58	16.97	-0.15	SI
2 Piso	P42	Top	B243-Wx- Lcub	0.58	16.97	1.38	SI
2 Piso	P42	Bottom	B243-Wx- Lcub	0.58	16.97	-0.15	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amv (m^2)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P42	Top	B243-Wy+ Loub	0.58	16.87	1.38	SI
2 Piso	P42	Bottom	B243-Wy+ Loub	0.58	16.87	0.16	SI
2 Piso	P42	Top	B243-Wy- Loub	0.58	16.87	1.38	SI
2 Piso	P42	Bottom	B243-Wy- Loub	0.58	16.87	-0.15	SI
2 Piso	P42	Top	B244-Wx+ Loub	0.58	16.87	1.59	SI
2 Piso	P42	Bottom	B244-Wx+ Loub	0.58	16.87	-0.31	SI
2 Piso	P42	Top	B244-Wx- Loub	0.58	16.87	1.59	SI
2 Piso	P42	Bottom	B244-Wx- Loub	0.58	16.87	-0.31	SI
2 Piso	P42	Top	B244-Wy+ Loub	0.58	16.87	1.59	SI
2 Piso	P42	Bottom	B244-Wy+ Loub	0.58	16.87	-0.31	SI
2 Piso	P42	Top	B244-Wy- Loub	0.58	16.87	1.59	SI
2 Piso	P42	Bottom	B244-Wy- Loub	0.58	16.87	-0.31	SI
2 Piso	P42	Top	B245-Ex+	0.58	16.87	1.46	SI
2 Piso	P42	Bottom	B245-Ex+	0.58	16.87	-0.44	SI
2 Piso	P42	Top	B245-Ex-	0.58	16.87	1.46	SI
2 Piso	P42	Bottom	B245-Ex-	0.58	16.87	-0.35	SI
2 Piso	P42	Top	B245-Ey+	0.58	16.87	2.39	SI
2 Piso	P42	Bottom	B245-Ey+	0.58	16.87	-0.14	SI
2 Piso	P42	Top	B245-Ey-	0.58	16.87	0.58	SI
2 Piso	P42	Bottom	B245-Ey-	0.58	16.87	-0.04	SI
2 Piso	P42	Top	B246-Wx+	0.58	16.87	1.00	SI
2 Piso	P42	Bottom	B246-Wx+	0.58	16.87	-0.14	SI
2 Piso	P42	Top	B246-Wx-	0.58	16.87	1.00	SI
2 Piso	P42	Bottom	B246-Wx-	0.58	16.87	-0.14	SI
2 Piso	P42	Top	B246-Wy+	0.58	16.87	1.00	SI
2 Piso	P42	Bottom	B246-Wy+	0.58	16.87	-0.14	SI
2 Piso	P42	Top	B246-Wy-	0.58	16.87	1.00	SI
2 Piso	P42	Bottom	B246-Wy-	0.58	16.87	-0.14	SI
2 Piso	P42	Top	B247-Ex+	0.58	16.87	0.93	SI
2 Piso	P42	Bottom	B247-Ex+	0.58	16.87	0.25	SI
2 Piso	P42	Top	B247-Ex-	0.58	16.87	0.93	SI
2 Piso	P42	Bottom	B247-Ex-	0.58	16.87	-0.16	SI
2 Piso	P42	Top	B247-Ey+	0.58	16.87	1.84	SI
2 Piso	P42	Bottom	B247-Ey+	0.58	16.87	0.05	SI
2 Piso	P42	Top	B247-Ey-	0.58	16.87	0.93	SI
2 Piso	P42	Bottom	B247-Ey-	0.58	16.87	-0.46	SI
2 Piso	P42	Top	B242 G	0.58	16.87	1.72	SI
2 Piso	P42	Bottom	B242 G	0.58	16.87	-0.39	SI
2 Piso	P42	Top	B243-Wx- G	0.58	16.87	1.56	SI
2 Piso	P42	Bottom	B243-Wx- G	0.58	16.87	0.00	SI
2 Piso	P42	Top	B243-Wy+ G	0.58	16.87	1.56	SI
2 Piso	P42	Bottom	B243-Wy+ G	0.58	16.87	0.00	SI
2 Piso	P42	Top	B243-Wx+ G	0.58	16.87	1.56	SI
2 Piso	P42	Bottom	B243-Wx+ G	0.58	16.87	0.00	SI
2 Piso	P42	Top	B243-Wy+ G	0.58	16.87	1.56	SI
2 Piso	P42	Bottom	B243-Wy+ G	0.58	16.87	0.00	SI
2 Piso	P42	Top	B244-Wx- G	0.58	16.87	1.84	SI
2 Piso	P42	Bottom	B244-Wx- G	0.58	16.87	-0.26	SI
2 Piso	P42	Top	B244-Wx+ G	0.58	16.87	1.84	SI
2 Piso	P42	Bottom	B244-Wx+ G	0.58	16.87	-0.26	SI
2 Piso	P42	Top	B244-Wy- G	0.58	16.87	1.84	SI
2 Piso	P42	Bottom	B244-Wy- G	0.58	16.87	-0.26	SI
2 Piso	P42	Top	B244-Wy+ G	0.58	16.87	1.84	SI
2 Piso	P42	Bottom	B244-Wy+ G	0.58	16.87	-0.26	SI
2 Piso	P43	Top	B241	0.61	17.94	1.67	SI
2 Piso	P43	Bottom	B241	0.61	17.94	0.79	SI
2 Piso	P43	Top	B242 Loub	0.61	17.94	2.09	SI
2 Piso	P43	Bottom	B242 Loub	0.61	17.94	0.55	SI
2 Piso	P43	Top	B243-Wx+ Loub	0.61	17.94	1.83	SI
2 Piso	P43	Bottom	B243-Wx+ Loub	0.61	17.94	0.79	SI
2 Piso	P43	Top	B243-Wx- Loub	0.61	17.94	1.93	SI
2 Piso	P43	Bottom	B243-Wx- Loub	0.61	17.94	0.79	SI
2 Piso	P43	Top	B243-Wy+ Loub	0.61	17.94	1.83	SI
2 Piso	P43	Bottom	B243-Wy+ Loub	0.61	17.94	0.79	SI
2 Piso	P43	Top	B243-Wy- Loub	0.61	17.94	1.83	SI
2 Piso	P43	Bottom	B243-Wy- Loub	0.61	17.94	0.79	SI
2 Piso	P43	Top	B244-Wx+ Loub	0.61	17.94	2.05	SI
2 Piso	P43	Bottom	B244-Wx+ Loub	0.61	17.94	0.67	SI
2 Piso	P43	Top	B244-Wx- Loub	0.61	17.94	2.05	SI
2 Piso	P43	Bottom	B244-Wx- Loub	0.61	17.94	0.67	SI

STORY	MURO	LOC.	COMB	Asmr(m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P43	Top	B244-Wy+ Lcub	0.61	17.94	2.05	SI
2 Piso	P43	Bottom	B244-Wy+ Lcub	0.61	17.94	0.87	SI
2 Piso	P43	Top	B244-Wy- Lcub	0.61	17.94	2.05	SI
2 Piso	P43	Bottom	B244-Wy- Lcub	0.61	17.94	0.87	SI
2 Piso	P43	Top	B245-Ex+	0.61	17.94	1.81	SI
2 Piso	P43	Bottom	B245-Ex+	0.61	17.94	0.62	SI
2 Piso	P43	Top	B245-Ex-	0.61	17.94	1.93	SI
2 Piso	P43	Bottom	B245-Ex-	0.61	17.94	0.55	SI
2 Piso	P43	Top	B245-Ey+	0.61	17.94	1.97	SI
2 Piso	P43	Bottom	B245-Ey+	0.61	17.94	0.68	SI
2 Piso	P43	Top	B245-Ey-	0.61	17.94	1.78	SI
2 Piso	P43	Bottom	B245-Ey-	0.61	17.94	0.49	SI
2 Piso	P43	Top	B246-Wx+	0.61	17.94	1.32	SI
2 Piso	P43	Bottom	B246-Wx+	0.61	17.94	0.57	SI
2 Piso	P43	Top	B246-Wx-	0.61	17.94	1.32	SI
2 Piso	P43	Bottom	B246-Wx-	0.61	17.94	0.57	SI
2 Piso	P43	Top	B246-Wy+	0.61	17.94	1.32	SI
2 Piso	P43	Bottom	B246-Wy+	0.61	17.94	0.57	SI
2 Piso	P43	Top	B246-Wy-	0.61	17.94	1.32	SI
2 Piso	P43	Bottom	B246-Wy-	0.61	17.94	0.57	SI
2 Piso	P43	Top	B247 Ex+	0.61	17.94	1.14	SI
2 Piso	P43	Bottom	B247-Ex+	0.61	17.94	0.55	SI
2 Piso	P43	Top	B247-Ex-	0.61	17.94	1.26	SI
2 Piso	P43	Bottom	B247-Ex-	0.61	17.94	0.49	SI
2 Piso	P43	Top	B247-Ey+	0.61	17.94	1.90	SI
2 Piso	P43	Bottom	B247-Ey+	0.61	17.94	0.61	SI
2 Piso	P43	Top	B247-Ey-	0.61	17.94	1.10	SI
2 Piso	P43	Bottom	B247-Ey-	0.61	17.94	0.42	SI
2 Piso	P43	Top	B242 G	0.61	17.94	2.19	SI
2 Piso	P43	Bottom	B242 G	0.61	17.94	0.80	SI
2 Piso	P43	Top	B243-Wx+ G	0.61	17.94	2.14	SI
2 Piso	P43	Bottom	B243-Wx+ G	0.61	17.94	0.95	SI
2 Piso	P43	Top	B243-Wx- G	0.61	17.94	2.14	SI
2 Piso	P43	Bottom	B243-Wx- G	0.61	17.94	0.95	SI
2 Piso	P43	Top	B243-Wy+ G	0.61	17.94	2.14	SI
2 Piso	P43	Bottom	B243-Wy+ G	0.61	17.94	0.95	SI
2 Piso	P43	Top	B243-Wy- G	0.61	17.94	2.14	SI
2 Piso	P43	Bottom	B243-Wy- G	0.61	17.94	0.95	SI
2 Piso	P43	Top	B244-Wx+ G	0.61	17.94	2.15	SI
2 Piso	P43	Bottom	B244-Wx+ G	0.61	17.94	0.71	SI
2 Piso	P43	Top	B244-Wx- G	0.61	17.94	2.15	SI
2 Piso	P43	Bottom	B244-Wx- G	0.61	17.94	0.71	SI
2 Piso	P43	Top	B244-Wy+ G	0.61	17.94	2.15	SI
2 Piso	P43	Bottom	B244-Wy+ G	0.61	17.94	0.71	SI
2 Piso	P44	Top	B242	0.61	17.94	2.04	SI
2 Piso	P44	Bottom	B241	0.61	17.94	-0.03	SI
2 Piso	P44	Top	B242 Lcub	0.61	17.94	2.34	SI
2 Piso	P44	Bottom	B242 Lcub	0.61	17.94	-0.18	SI
2 Piso	P44	Top	B243-Wx+ Lcub	0.61	17.94	1.97	SI
2 Piso	P44	Bottom	B243-Wx+ Lcub	0.61	17.94	0.11	SI
2 Piso	P44	Top	B243-Wx- Lcub	0.61	17.94	1.97	SI
2 Piso	P44	Bottom	B243-Wx- Lcub	0.61	17.94	0.11	SI
2 Piso	P44	Top	B243-Wy+ Lcub	0.61	17.94	1.97	SI
2 Piso	P44	Bottom	B243-Wy+ Lcub	0.61	17.94	0.11	SI
2 Piso	P44	Top	B243-Wy- Lcub	0.61	17.94	1.97	SI
2 Piso	P44	Bottom	B243-Wy- Lcub	0.61	17.94	0.11	SI
2 Piso	P44	Top	B244-Wx+ Lcub	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B244-Wx+ Lcub	0.61	17.94	-0.02	SI
2 Piso	P44	Top	B244-Wx- Lcub	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B244-Wx- Lcub	0.61	17.94	-0.02	SI
2 Piso	P44	Top	B244-Wy+ Lcub	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B244-Wy+ Lcub	0.61	17.94	-0.02	SI
2 Piso	P44	Top	B244-Wy- Lcub	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B244-Wy- Lcub	0.61	17.94	-0.02	SI
2 Piso	P44	Top	B245-Ex+	0.61	17.94	2.13	SI
2 Piso	P44	Bottom	B245-Ex+	0.61	17.94	-0.10	SI
2 Piso	P44	Top	B245-Ex-	0.61	17.94	2.04	SI
2 Piso	P44	Bottom	B245-Ex-	0.61	17.94	-0.05	SI

STORY	MURO	LOC.	COMB	Area (m²)	ΦVn(ton)	V3u(ton)	Cumple
2 Piso	P44	Top	B245-Ey+	0.61	17.94	2.39	SI
2 Piso	P44	Bottom	B245-Ey+	0.61	17.94	0.06	SI
2 Piso	P44	Top	B245-Ey-	0.61	17.94	1.78	SI
2 Piso	P44	Bottom	B245-Ey-	0.61	17.94	-0.31	SI
2 Piso	P44	Top	B246-Wx+	0.61	17.94	1.43	SI
2 Piso	P44	Bottom	B246-Wx+	0.61	17.94	0.06	SI
2 Piso	P44	Top	B246-Wx-	0.61	17.94	1.43	SI
2 Piso	P44	Bottom	B246-Wx-	0.61	17.94	0.06	SI
2 Piso	P44	Top	B246-Wy+	0.61	17.94	1.43	SI
2 Piso	P44	Bottom	B246-Wy+	0.61	17.94	0.06	SI
2 Piso	P44	Top	B246-Wy-	0.61	17.94	1.43	SI
2 Piso	P44	Bottom	B246-Wy-	0.61	17.94	0.06	SI
2 Piso	P44	Top	B247-Ex+	0.61	17.94	1.38	SI
2 Piso	P44	Bottom	B247-Ex+	0.61	17.94	0.01	SI
2 Piso	P44	Top	B247-Ex-	0.61	17.94	1.27	SI
2 Piso	P44	Bottom	B247-Ex-	0.61	17.94	-0.06	SI
2 Piso	P44	Top	B247-Ey+	0.61	17.94	1.62	SI
2 Piso	P44	Bottom	B247-Ey+	0.61	17.94	0.17	SI
2 Piso	P44	Top	B247 Ey-	0.61	17.94	1.01	SI
2 Piso	P44	Bottom	B247-Ey-	0.61	17.94	-0.21	SI
2 Piso	P44	Top	B242 G	0.61	17.94	2.44	SI
2 Piso	P44	Bottom	B242 G	0.61	17.94	-0.19	SI
2 Piso	P44	Top	B243 Wx- G	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B243-Wx- G	0.61	17.94	0.30	SI
2 Piso	P44	Top	B243 Wy- G	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B243-Wy- G	0.61	17.94	0.30	SI
2 Piso	P44	Top	B243-Wx+ G	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B243-Wx+ G	0.61	17.94	0.30	SI
2 Piso	P44	Top	B243-Wy+ G	0.61	17.94	2.28	SI
2 Piso	P44	Bottom	B243-Wy+ G	0.61	17.94	0.30	SI
2 Piso	P44	Top	B244-Wx- G	0.61	17.94	2.35	SI
2 Piso	P44	Bottom	B244-Wx- G	0.61	17.94	0.00	SI
2 Piso	P44	Top	B244-Wx+ G	0.61	17.94	2.35	SI
2 Piso	P44	Bottom	B244-Wx+ G	0.61	17.94	0.00	SI
2 Piso	P44	Top	B244 Wy- G	0.61	17.94	2.35	SI
2 Piso	P44	Bottom	B244-Wy- G	0.61	17.94	0.03	SI
2 Piso	P44	Top	B244-Wy+ G	0.61	17.94	2.35	SI
2 Piso	P44	Bottom	B244-Wy+ G	0.61	17.94	0.03	SI
2 Piso	P45	Top	B241	0.56	16.44	0.51	SI
2 Piso	P45	Bottom	B241	0.56	16.44	1.38	SI
2 Piso	P45	Top	B242 Loub	0.56	16.44	0.03	SI
2 Piso	P45	Bottom	B242 Loub	0.56	16.44	1.64	SI
2 Piso	P45	Top	B243-Wx+ Loub	0.56	16.44	0.45	SI
2 Piso	P45	Bottom	B243-Wx+ Loub	0.56	16.44	1.34	SI
2 Piso	P45	Top	B243-Wx- Loub	0.56	16.44	0.45	SI
2 Piso	P45	Bottom	B243-Wx- Loub	0.56	16.44	1.34	SI
2 Piso	P45	Top	B243-Wy+ Loub	0.56	16.44	0.45	SI
2 Piso	P45	Bottom	B243-Wy+ Loub	0.56	16.44	1.34	SI
2 Piso	P45	Top	B243-Wy- Loub	0.56	16.44	0.45	SI
2 Piso	P45	Bottom	B243-Wy- Loub	0.56	16.44	1.34	SI
2 Piso	P45	Top	B244-Wx+ Loub	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wx+ Loub	0.56	16.44	1.56	SI
2 Piso	P45	Top	B244-Wx- Loub	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wx- Loub	0.56	16.44	1.56	SI
2 Piso	P45	Top	B244-Wy+ Loub	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wy+ Loub	0.56	16.44	1.56	SI
2 Piso	P45	Top	B244-Wy- Loub	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wy- Loub	0.56	16.44	1.56	SI
2 Piso	P45	Top	B245 Ex+	0.56	16.44	0.41	SI
2 Piso	P45	Bottom	B245-Ex+	0.56	16.44	1.44	SI
2 Piso	P45	Top	B245-Ex-	0.56	16.44	0.70	SI
2 Piso	P45	Bottom	B245-Ex-	0.56	16.44	1.45	SI
2 Piso	P45	Top	B245-Ey+	0.56	16.44	0.85	SI
2 Piso	P45	Bottom	B245-Ey+	0.56	16.44	1.65	SI
2 Piso	P45	Top	B245 Ey-	0.56	16.44	0.26	SI
2 Piso	P45	Bottom	B245-Ey-	0.56	16.44	1.21	SI
2 Piso	P45	Top	B246-Wx+	0.56	16.44	0.33	SI
2 Piso	P45	Bottom	B246-Wx+	0.56	16.44	0.97	SI
2 Piso	P45	Top	B246-Wx-	0.56	16.44	0.33	SI
2 Piso	P45	Bottom	B246-Wx-	0.56	16.44	0.97	SI

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V33u (ton)	Cumple
2 Piso	P45	Top	B246-Wy+	0.56	16.44	0.33	SI
2 Piso	P45	Bottom	B246-Wy+	0.56	16.44	0.97	SI
2 Piso	P45	Top	B246-Wy-	0.56	16.44	0.33	SI
2 Piso	P45	Bottom	B246 Wy	0.56	16.44	0.97	SI
2 Piso	P45	Top	B247 Ex+	0.56	16.44	0.12	SI
2 Piso	P45	Bottom	B247-Ex+	0.56	16.44	0.88	SI
2 Piso	P45	Top	B247-Ex-	0.56	16.44	0.47	SI
2 Piso	P45	Bottom	B247-Ex-	0.56	16.44	0.04	SI
2 Piso	P45	Top	B247-Ey+	0.56	16.44	0.83	SI
2 Piso	P45	Bottom	B247-Ey+	0.56	16.44	1.09	SI
2 Piso	P45	Top	B247 Ey	0.56	16.44	0.02	SI
2 Piso	P45	Bottom	B247-Ey-	0.56	16.44	0.68	SI
2 Piso	P45	Top	B242 G	0.56	16.44	0.64	SI
2 Piso	P45	Bottom	B242 G	0.56	16.44	1.70	SI
2 Piso	P45	Top	B243 Wx- G	0.56	16.44	0.47	SI
2 Piso	P45	Bottom	B243-Wx- G	0.56	16.44	1.55	SI
2 Piso	P45	Top	B243-Wy- G	0.56	16.44	0.47	SI
2 Piso	P45	Bottom	B243-Wy- G	0.56	16.44	1.55	SI
2 Piso	P45	Top	B243-Wx+ G	0.56	16.44	0.47	SI
2 Piso	P45	Bottom	B243-Wx+ G	0.56	16.44	1.55	SI
2 Piso	P45	Top	B243-Wy+ G	0.56	16.44	0.47	SI
2 Piso	P45	Bottom	B243-Wy+ G	0.56	16.44	1.55	SI
2 Piso	P45	Top	B244-Wx- G	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wx- G	0.56	16.44	1.63	SI
2 Piso	P45	Top	B244-Wx+ G	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wx+ G	0.56	16.44	1.63	SI
2 Piso	P45	Top	B244-Wy- G	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wy- G	0.56	16.44	1.63	SI
2 Piso	P45	Top	B244-Wy+ G	0.56	16.44	0.57	SI
2 Piso	P45	Bottom	B244-Wy+ G	0.56	16.44	1.63	SI
2 Piso	P46	Top	B241	0.34	9.85	-0.88	SI
2 Piso	P46	Bottom	B241	0.34	9.85	2.51	SI
2 Piso	P46	Top	B242 Loub	0.34	9.85	-0.72	SI
2 Piso	P46	Bottom	B242 Loub	0.34	9.85	3.16	SI
2 Piso	P46	Top	B243-Wx+ Loub	0.34	9.85	-0.77	SI
2 Piso	P46	Bottom	B243-Wx+ Loub	0.34	9.85	2.16	SI
2 Piso	P46	Top	B243-Wx- Loub	0.34	9.85	-0.77	SI
2 Piso	P46	Bottom	B243 Wx- Loub	0.34	9.85	2.16	SI
2 Piso	P46	Top	B243-Wy+ Loub	0.34	9.85	-0.77	SI
2 Piso	P46	Bottom	B243-Wy+ Loub	0.34	9.85	2.16	SI
2 Piso	P46	Top	B243-Wy- Loub	0.34	9.85	-0.77	SI
2 Piso	P46	Bottom	B243-Wy- Loub	0.34	9.85	2.16	SI
2 Piso	P46	Top	B244-Wx+ Loub	0.34	9.85	-0.78	SI
2 Piso	P46	Bottom	B244 Wx+ Loub	0.34	9.85	2.79	SI
2 Piso	P46	Top	B244-Wx- Loub	0.34	9.85	-0.78	SI
2 Piso	P46	Bottom	B244-Wx- Loub	0.34	9.85	2.79	SI
2 Piso	P46	Top	B244-Wy+ Loub	0.34	9.85	-0.78	SI
2 Piso	P46	Bottom	B244-Wy+ Loub	0.34	9.85	2.79	SI
2 Piso	P46	Top	B244-Wy- Loub	0.34	9.85	-0.78	SI
2 Piso	P46	Bottom	B244 Wy- Loub	0.34	9.85	2.79	SI
2 Piso	P46	Top	B245-Ex+	0.34	9.85	-0.82	SI
2 Piso	P46	Bottom	B245-Ex+	0.34	9.85	2.51	SI
2 Piso	P46	Top	B245-Ex-	0.34	9.85	-0.67	SI
2 Piso	P46	Bottom	B245-Ex-	0.34	9.85	3.05	SI
2 Piso	P46	Top	B245-Ey+	0.34	9.85	-0.54	SI
2 Piso	P46	Bottom	B245-Ey+	0.34	9.85	2.71	SI
2 Piso	P46	Top	B245-Ey-	0.34	9.85	-0.75	SI
2 Piso	P46	Bottom	B245-Ey-	0.34	9.85	2.83	SI
2 Piso	P46	Top	B248-Wx+	0.34	9.85	-0.53	SI
2 Piso	P46	Bottom	B248-Wx+	0.34	9.85	1.82	SI
2 Piso	P46	Top	B248-Wx-	0.34	9.85	-0.53	SI
2 Piso	P46	Bottom	B248-Wx-	0.34	9.85	1.82	SI
2 Piso	P46	Top	B248-Wy+	0.34	9.85	0.53	SI
2 Piso	P46	Bottom	B248-Wy+	0.34	9.85	1.82	SI
2 Piso	P46	Top	B248-Wy-	0.34	9.85	-0.59	SI
2 Piso	P46	Bottom	B248-Wy-	0.34	9.85	1.87	SI
2 Piso	P46	Top	B247 Ex+	0.34	9.85	-0.42	SI
2 Piso	P46	Bottom	B247-Ex+	0.34	9.85	1.34	SI
2 Piso	P46	Top	B247-Ex-	0.34	9.85	-0.48	SI
2 Piso	P46	Bottom	B247-Ex-	0.34	9.85	1.88	SI

STORY	MURO	LOC.	COMB.	Asmr (m²)	øMn (ton)	V33u (ton)	Cumple
2 Piso	P48	Top	B247-Ey+	0.34	9.85	-0.34	SI
2 Piso	P48	Bottom	B247-Ey+	0.34	9.85	1.54	SI
2 Piso	P48	Top	B247-Ey-	0.34	9.85	-0.54	SI
2 Piso	P48	Bottom	B247-Ey-	0.34	9.85	1.69	SI
2 Piso	P48	Top	B242 G	0.34	9.85	-0.80	SI
2 Piso	P48	Bottom	B242 G	0.34	9.85	3.50	SI
2 Piso	P48	Top	B243-Wx- G	0.34	9.85	-1.01	SI
2 Piso	P48	Bottom	B243-Wx- G	0.34	9.85	2.18	SI
2 Piso	P48	Top	B243-Wy- G	0.34	9.85	-1.01	SI
2 Piso	P48	Bottom	B243-Wy- G	0.34	9.85	2.18	SI
2 Piso	P48	Top	B243-Wx+ G	0.34	9.85	-1.01	SI
2 Piso	P48	Bottom	B243-Wx+ G	0.34	9.85	2.18	SI
2 Piso	P48	Top	B243-Wy+ G	0.34	9.85	-1.01	SI
2 Piso	P48	Bottom	B243-Wy+ G	0.34	9.85	2.18	SI
2 Piso	P48	Top	B244-Wx- G	0.34	9.85	-0.88	SI
2 Piso	P48	Bottom	B244-Wx- G	0.34	9.85	2.79	SI
2 Piso	P48	Top	B244-Wx+ G	0.34	9.85	-0.86	SI
2 Piso	P48	Bottom	B244-Wx+ G	0.34	9.85	2.79	SI
2 Piso	P48	Top	B244-Wy- G	0.34	9.85	-0.86	SI
2 Piso	P48	Bottom	B244-Wy- G	0.34	9.85	2.79	SI
2 Piso	P48	Top	B244-Wy+ G	0.34	9.85	-0.86	SI
2 Piso	P48	Bottom	B244-Wy+ G	0.34	9.85	2.79	SI
1 Piso	P1	Top	B241	0.55	16.00	-0.15	SI
1 Piso	P1	Bottom	B241	0.55	16.00	0.11	SI
1 Piso	P1	Top	B242 Loub	0.55	16.00	-0.26	SI
1 Piso	P1	Bottom	B242 Loub	0.55	16.00	0.19	SI
1 Piso	P1	Top	B243-Wx- Loub	0.55	16.00	-0.13	SI
1 Piso	P1	Bottom	B243-Wx- Loub	0.55	16.00	0.09	SI
1 Piso	P1	Top	B243-Wx- Loub	0.55	16.00	-0.13	SI
1 Piso	P1	Bottom	B243-Wx- Loub	0.55	16.00	0.09	SI
1 Piso	P1	Top	B243-Wy+ Loub	0.55	16.00	-0.13	SI
1 Piso	P1	Bottom	B243-Wy+ Loub	0.55	16.00	0.09	SI
1 Piso	P1	Top	B243-Wy- Loub	0.55	16.00	-0.13	SI
1 Piso	P1	Bottom	B243-Wy- Loub	0.55	16.00	0.08	SI
1 Piso	P1	Top	B244-Wx+ Loub	0.55	16.00	-0.21	SI
1 Piso	P1	Bottom	B244-Wx+ Loub	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wx- Loub	0.55	16.00	-0.21	SI
1 Piso	P1	Bottom	B244-Wx- Loub	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wy+ Loub	0.55	16.00	-0.21	SI
1 Piso	P1	Bottom	B244-Wy+ Loub	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wy- Loub	0.55	16.00	-0.21	SI
1 Piso	P1	Bottom	B244-Wy- Loub	0.55	16.00	0.15	SI
1 Piso	P1	Top	B245-Ex+	0.55	16.00	-0.16	SI
1 Piso	P1	Bottom	B245-Ex+	0.55	16.00	0.24	SI
1 Piso	P1	Top	B245-Ex-	0.55	16.00	-0.26	SI
1 Piso	P1	Bottom	B245-Ex-	0.55	16.00	0.06	SI
1 Piso	P1	Top	B245-Ey+	0.55	16.00	-0.28	SI
1 Piso	P1	Bottom	B245-Ey+	0.55	16.00	0.14	SI
1 Piso	P1	Top	B245-Ey-	0.55	16.00	-0.18	SI
1 Piso	P1	Bottom	B245-Ey-	0.55	16.00	0.17	SI
1 Piso	P1	Top	B248-Wx+	0.55	16.00	-0.10	SI
1 Piso	P1	Bottom	B248-Wx+	0.55	16.00	0.07	SI
1 Piso	P1	Top	B248-Wx-	0.55	16.00	-0.10	SI
1 Piso	P1	Bottom	B248-Wx-	0.55	16.00	0.07	SI
1 Piso	P1	Top	B248-Wy+	0.55	16.00	-0.10	SI
1 Piso	P1	Bottom	B248-Wy+	0.55	16.00	0.07	SI
1 Piso	P1	Top	B248-Wy-	0.55	16.00	0.10	SI
1 Piso	P1	Bottom	B248-Wy-	0.55	16.00	0.07	SI
1 Piso	P1	Top	B247-Ex+	0.55	16.00	-0.04	SI
1 Piso	P1	Bottom	B247-Ex+	0.55	16.00	0.18	SI
1 Piso	P1	Top	B247-Ex-	0.55	16.00	0.14	SI
1 Piso	P1	Bottom	B247-Ex-	0.55	16.00	-0.02	SI
1 Piso	P1	Top	B247-Ey+	0.55	16.00	-0.15	SI
1 Piso	P1	Bottom	B247-Ey+	0.55	16.00	0.05	SI
1 Piso	P1	Top	B247-Ey-	0.55	16.00	-0.34	SI
1 Piso	P1	Bottom	B247-Ey-	0.55	16.00	0.06	SI
1 Piso	P1	Top	B242 G	0.55	16.00	-0.26	SI
1 Piso	P1	Bottom	B242 G	0.55	16.00	0.16	SI
1 Piso	P1	Top	B243-Wx- G	0.55	16.00	-0.14	SI
1 Piso	P1	Bottom	B243-Wx- G	0.55	16.00	0.04	SI

STORY	MURO	LOC.	COMB	Asmr(pg²)	øVn(ton)	V30U(ton)	Cumple
1 Piso	P1	Top	B243-Wy- G	0.55	16.00	-0.14	SI
1 Piso	P1	Bottom	B243-Wy- G	0.55	16.00	0.08	SI
1 Piso	P1	Top	B243-Wx+ G	0.55	16.00	-0.14	SI
1 Piso	P1	Bottom	B243-Wx+ G	0.55	16.00	0.08	SI
1 Piso	P1	Top	B243-Wy+ G	0.55	16.00	-0.14	SI
1 Piso	P1	Bottom	B243-Wy+ G	0.55	16.00	0.08	SI
1 Piso	P1	Top	B244-Wx-G	0.55	16.00	-0.22	SI
1 Piso	P1	Bottom	B244-Wx- G	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wx+ G	0.55	16.00	-0.22	SI
1 Piso	P1	Bottom	B244-Wx+ G	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wy- G	0.55	16.00	-0.22	SI
1 Piso	P1	Bottom	B244-Wy- G	0.55	16.00	0.15	SI
1 Piso	P1	Top	B244-Wy+ G	0.55	16.00	-0.22	SI
1 Piso	P1	Bottom	B244-Wy+ G	0.55	16.00	0.15	SI
1 Piso	P2	Top	B241	1.29	37.81	2.69	SI
1 Piso	P2	Bottom	B241	1.29	37.81	1.91	SI
1 Piso	P2	Top	B242 Lcub	1.29	37.81	5.22	SI
1 Piso	P2	Bottom	B242 Lcub	1.29	37.81	3.81	SI
1 Piso	P2	Top	B243-Wx+ Lcub	1.29	37.81	2.26	SI
1 Piso	P2	Bottom	B243-Wx+ Lcub	1.29	37.81	1.60	SI
1 Piso	P2	Top	B243-Wx- Lcub	1.29	37.81	2.26	SI
1 Piso	P2	Bottom	B243-Wx- Lcub	1.29	37.81	1.60	SI
1 Piso	P2	Top	B243-Wy+ Lcub	1.29	37.81	2.26	SI
1 Piso	P2	Bottom	B243-Wy+ Lcub	1.29	37.81	1.60	SI
1 Piso	P2	Top	B243-Wy- Lcub	1.29	37.81	2.26	SI
1 Piso	P2	Bottom	B243-Wy- Lcub	1.29	37.81	1.60	SI
1 Piso	P2	Top	B244-Wx+ Lcub	1.29	37.81	4.10	SI
1 Piso	P2	Bottom	B244-Wx+ Lcub	1.29	37.81	2.97	SI
1 Piso	P2	Top	B244-Wx- Lcub	1.29	37.81	4.10	SI
1 Piso	P2	Bottom	B244-Wx- Lcub	1.29	37.81	2.97	SI
1 Piso	P2	Top	B244-Wy+ Lcub	1.29	37.81	4.10	SI
1 Piso	P2	Bottom	B244-Wy+ Lcub	1.29	37.81	2.97	SI
1 Piso	P2	Top	B244-Wy- Lcub	1.29	37.81	4.10	SI
1 Piso	P2	Bottom	B244-Wy- Lcub	1.29	37.81	2.97	SI
1 Piso	P2	Top	B245-Ex+	1.29	37.81	4.03	SI
1 Piso	P2	Bottom	B245-Ex+	1.29	37.81	2.99	SI
1 Piso	P2	Top	B245-Ex-	1.29	37.81	4.23	SI
1 Piso	P2	Bottom	B245 Ex-	1.29	37.81	3.09	SI
1 Piso	P2	Top	B245-Ey+	1.29	37.81	4.15	SI
1 Piso	P2	Bottom	B245-Ey+	1.29	37.81	2.99	SI
1 Piso	P2	Top	B245-Ey-	1.29	37.81	4.11	SI
1 Piso	P2	Bottom	B245-Ey-	1.29	37.81	3.02	SI
1 Piso	P2	Top	B246-Wx+	1.29	37.81	1.70	SI
1 Piso	P2	Bottom	B246-Wx+	1.29	37.81	1.21	SI
1 Piso	P2	Top	B246-Wx-	1.29	37.81	1.70	SI
1 Piso	P2	Bottom	B246-Wx-	1.29	37.81	1.21	SI
1 Piso	P2	Top	B246-Wy+	1.29	37.81	1.70	SI
1 Piso	P2	Bottom	B246-Wy+	1.29	37.81	1.21	SI
1 Piso	P2	Top	B246-Wy-	1.29	37.81	1.70	SI
1 Piso	P2	Bottom	B246 Wy-	1.29	37.81	1.21	SI
1 Piso	P2	Top	B247-Ex+	1.29	37.81	1.62	SI
1 Piso	P2	Bottom	B247-Ex+	1.29	37.81	1.22	SI
1 Piso	P2	Top	B247-Ex-	1.29	37.81	1.83	SI
1 Piso	P2	Bottom	B247-Ex-	1.29	37.81	1.24	SI
1 Piso	P2	Top	B247-Ey+	1.29	37.81	1.74	SI
1 Piso	P2	Bottom	B247-Ey+	1.29	37.81	1.21	SI
1 Piso	P2	Top	B247-Ey-	1.29	37.81	1.71	SI
1 Piso	P2	Bottom	B247-Ey-	1.29	37.81	1.24	SI
1 Piso	P2	Top	B242 G	1.29	37.81	5.20	SI
1 Piso	P2	Bottom	B242 G	1.29	37.81	3.79	SI
1 Piso	P2	Top	B243-Wx- G	1.29	37.81	2.21	SI
1 Piso	P2	Bottom	B243-Wx- G	1.29	37.81	1.54	SI
1 Piso	P2	Top	B243-Wy- G	1.29	37.81	2.21	SI
1 Piso	P2	Bottom	B243-Wy- G	1.29	37.81	1.54	SI
1 Piso	P2	Top	B243-Wx+ G	1.29	37.81	2.21	SI
1 Piso	P2	Bottom	B243-Wx+ G	1.29	37.81	1.54	SI
1 Piso	P2	Top	B243 Wy+ G	1.29	37.81	2.21	SI
1 Piso	P2	Bottom	B243-Wy+ G	1.29	37.81	1.54	SI
1 Piso	P2	Top	B244-Wx- G	1.29	37.81	4.08	SI
1 Piso	P2	Bottom	B244-Wx- G	1.29	37.81	2.95	SI

STORY	MURO	LOC.	COMB	Area (m²)	ΦVn (ton)	V3Du (ton)	Cumple
1 Piso	P2	Top	B244-Wx+ G	1.29	37.81	4.08	SI
1 Piso	P2	Bottom	B244-Wx+ G	1.29	37.81	2.95	SI
1 Piso	P2	Top	B244-Wy+ G	1.29	37.81	4.08	SI
1 Piso	P2	Bottom	B244-Wy- G	1.29	37.81	2.95	SI
1 Piso	P2	Top	B244-Wy+ G	1.29	37.81	4.08	SI
1 Piso	P2	Bottom	B244-Wy+ G	1.29	37.81	2.95	SI
1 Piso	P3	Top	B241	2.62	76.84	2.95	SI
1 Piso	P3	Bottom	B241	2.62	76.84	4.09	SI
1 Piso	P3	Top	B242 Lcub	2.62	76.84	6.78	SI
1 Piso	P3	Bottom	B242 Lcub	2.62	76.84	8.48	SI
1 Piso	P3	Top	B243-Wx+ Lcub	2.62	76.84	2.47	SI
1 Piso	P3	Bottom	B243-Wx+ Lcub	2.62	76.84	3.41	SI
1 Piso	P3	Top	B243-Wx- Lcub	2.62	76.84	2.47	SI
1 Piso	P3	Bottom	B243-Wx- Lcub	2.62	76.84	3.41	SI
1 Piso	P3	Top	B243-Wy+ Lcub	2.62	76.84	2.47	SI
1 Piso	P3	Bottom	B243-Wy+ Lcub	2.62	76.84	3.41	SI
1 Piso	P3	Top	B243-Wy- Lcub	2.62	76.84	2.47	SI
1 Piso	P3	Bottom	B243-Wy- Lcub	2.62	76.84	3.41	SI
1 Piso	P3	Top	B244-Wx+ Lcub	2.62	76.84	5.14	SI
1 Piso	P3	Bottom	B244-Wx+ Lcub	2.62	76.84	6.56	SI
1 Piso	P3	Top	B244-Wx- Lcub	2.62	76.84	5.14	SI
1 Piso	P3	Bottom	B244-Wx- Lcub	2.62	76.84	6.50	SI
1 Piso	P3	Top	B244-Wy+ Lcub	2.62	76.84	5.14	SI
1 Piso	P3	Bottom	B244-Wy+ Lcub	2.62	76.84	6.56	SI
1 Piso	P3	Top	B244-Wy- Lcub	2.62	76.84	5.14	SI
1 Piso	P3	Bottom	B244-Wy- Lcub	2.62	76.84	6.56	SI
1 Piso	P3	Top	B245-Ex+	2.62	76.84	5.73	SI
1 Piso	P3	Bottom	B245-Ex+	2.62	76.84	6.95	SI
1 Piso	P3	Top	B245-Ex-	2.62	76.84	4.68	SI
1 Piso	P3	Bottom	B245-Ex-	2.62	76.84	6.31	SI
1 Piso	P3	Top	B245-Ey+	2.62	76.84	5.21	SI
1 Piso	P3	Bottom	B245-Ey+	2.62	76.84	6.63	SI
1 Piso	P3	Top	B245-Ey-	2.62	76.84	5.20	SI
1 Piso	P3	Bottom	B245-Ey-	2.62	76.84	6.03	SI
1 Piso	P3	Top	B246 Wx+	2.62	76.84	1.87	SI
1 Piso	P3	Bottom	B246 Wx+	2.62	76.84	2.58	SI
1 Piso	P3	Top	B246-Wx-	2.62	76.84	1.87	SI
1 Piso	P2	Bottom	B246-Wx-	2.62	76.84	2.58	SI
1 Piso	P2	Top	B246-Wy+	2.62	76.84	1.87	SI
1 Piso	P3	Bottom	B246-Wy+	2.62	76.84	2.58	SI
1 Piso	P3	Top	B246-Wy	2.62	76.84	1.87	SI
1 Piso	P3	Bottom	B246-Wy	2.62	76.84	2.58	SI
1 Piso	P3	Top	B247-Ex+	2.62	76.84	2.44	SI
1 Piso	P3	Bottom	B247-Ex+	2.62	76.84	2.94	SI
1 Piso	P3	Top	B247-Ex-	2.62	76.84	1.39	SI
1 Piso	P3	Bottom	B247-Ex-	2.62	76.84	2.31	SI
1 Piso	P3	Top	B247-Ey+	2.62	76.84	1.92	SI
1 Piso	P3	Bottom	B247-Ey+	2.62	76.84	2.69	SI
1 Piso	P3	Top	B247-Ey-	2.62	76.84	1.91	SI
1 Piso	P3	Bottom	B247-Ey-	2.62	76.84	2.69	SI
1 Piso	P3	Top	B242 G	2.62	76.84	0.74	SI
1 Piso	P3	Bottom	B242 G	2.62	76.84	0.44	SI
1 Piso	P3	Top	B243-Wx- G	2.62	76.84	2.35	SI
1 Piso	P3	Bottom	B243-Wx- G	2.62	76.84	3.28	SI
1 Piso	P3	Top	B243-Wy- G	2.62	76.84	2.35	SI
1 Piso	P3	Bottom	B243-Wy- G	2.62	76.84	3.28	SI
1 Piso	P3	Top	B243-Wx+ G	2.62	76.84	2.35	SI
1 Piso	P3	Bottom	B243-Wx+ G	2.62	76.84	3.28	SI
1 Piso	P3	Top	B243-Wy+ G	2.62	76.84	2.35	SI
1 Piso	P3	Bottom	B243-Wy+ G	2.62	76.84	3.28	SI
1 Piso	P3	Top	B244-Wx- G	2.62	76.84	5.11	SI
1 Piso	P3	Bottom	B244-Wx- G	2.62	76.84	6.52	SI
1 Piso	P3	Top	B244-Wx+ G	2.62	76.84	5.11	SI
1 Piso	P3	Bottom	B244-Wx+ G	2.62	76.84	6.52	SI
1 Piso	P3	Top	B244-Wy- G	2.62	76.84	5.11	SI
1 Piso	P3	Bottom	B244-Wy- G	2.62	76.84	6.52	SI
1 Piso	P3	Top	B244-Wy+ G	2.62	76.84	5.11	SI
1 Piso	P3	Bottom	B244-Wy+ G	2.62	76.84	6.52	SI
1 Piso	P4	Top	B241	1.34	39.39	2.82	SI
1 Piso	P4	Bottom	B241	1.34	39.39	1.97	SI

STORY	MURO	LOC.	COMB	Area (m^2)	ΦVn (ton)	V32u (ton)	Cumple
1 Piso	P4	Top	B242 Loub	1.34	39.39	3.39	SI
1 Piso	P4	Bottom	B242 Loub	1.34	39.39	2.91	SI
1 Piso	P4	Top	B243-Wx+ Loub	1.34	39.39	2.37	SI
1 Piso	P4	Bottom	B243 Wx+ Loub	1.34	39.39	1.65	SI
1 Piso	P4	Top	B243 Wx- Loub	1.34	39.39	2.37	SI
1 Piso	P4	Bottom	B243-Wx- Loub	1.34	39.39	1.65	SI
1 Piso	P4	Top	B243-Wy+ Loub	1.34	39.39	2.37	SI
1 Piso	P4	Bottom	B243-Wy+ Loub	1.34	39.39	1.65	SI
1 Piso	P4	Top	B243-Wy- Loub	1.34	39.39	2.37	SI
1 Piso	P4	Bottom	B243-Wy- Loub	1.34	39.39	1.65	SI
1 Piso	P4	Top	B244-Wx+ Loub	1.34	38.39	3.00	SI
1 Piso	P4	Bottom	B244-Wx+ Loub	1.34	38.39	2.43	SI
1 Piso	P4	Top	B244-Wx- Loub	1.34	38.39	3.00	SI
1 Piso	P4	Bottom	B244-Wx- Loub	1.34	38.39	2.43	SI
1 Piso	P4	Top	B244-Wy+ Loub	1.34	38.39	3.00	SI
1 Piso	P4	Bottom	B244-Wy+ Loub	1.34	38.39	2.43	SI
1 Piso	P4	Top	B244-Wy- Loub	1.34	38.39	3.00	SI
1 Piso	P4	Bottom	B244-Wy- Loub	1.34	38.39	2.43	SI
1 Piso	P4	Top	B245-Ex+	1.34	39.39	2.86	SI
1 Piso	P4	Bottom	B245-Ex+	1.34	39.39	2.46	SI
1 Piso	P4	Top	B245-Ex-	1.34	39.39	3.11	SI
1 Piso	P4	Bottom	B245-Ex-	1.34	39.39	2.45	SI
1 Piso	P4	Top	B245-Ey+	1.34	39.39	3.01	SI
1 Piso	P4	Bottom	B245-Ey+	1.34	39.39	2.46	SI
1 Piso	P4	Top	B245-Ey-	1.34	39.39	3.06	SI
1 Piso	P4	Bottom	B245-Ey-	1.34	39.39	2.45	SI
1 Piso	P4	Top	B246 Wx+	1.34	39.39	1.79	SI
1 Piso	P4	Bottom	B246-Wx+	1.34	39.39	1.24	SI
1 Piso	P4	Top	B246-Wx-	1.34	39.39	1.79	SI
1 Piso	P4	Bottom	B246-Wx-	1.34	39.39	1.24	SI
1 Piso	P4	Top	B246-Wy+	1.34	39.39	1.79	SI
1 Piso	P4	Bottom	B246-Wy+	1.34	39.39	1.24	SI
1 Piso	P4	Top	B246-Wy-	1.34	39.39	1.79	SI
1 Piso	P4	Bottom	B246-Wy-	1.34	39.39	1.24	SI
1 Piso	P4	Top	B247-Ex+	1.34	39.39	1.75	SI
1 Piso	P4	Bottom	B247-Ex+	1.34	39.39	1.27	SI
1 Piso	P4	Top	B247-Ex-	1.34	39.39	1.69	SI
1 Piso	P4	Bottom	B247-Ex-	1.34	39.39	1.28	SI
1 Piso	P4	Top	B247 Ey+	1.34	39.39	1.79	SI
1 Piso	P4	Bottom	B247-Ey+	1.34	39.39	1.27	SI
1 Piso	P4	Top	B247-Ey-	1.34	39.39	1.83	SI
1 Piso	P4	Bottom	B247-Ey-	1.34	39.39	1.26	SI
1 Piso	P4	Top	B242 G	1.34	39.39	3.37	SI
1 Piso	P4	Bottom	B242 G	1.34	39.39	2.89	SI
1 Piso	P4	Top	B243-Wx+ G	1.34	38.39	2.31	SI
1 Piso	P4	Bottom	B243-Wx+ G	1.34	38.39	1.59	SI
1 Piso	P4	Top	B243-Wx- G	1.34	38.39	2.31	SI
1 Piso	P4	Bottom	B243-Wx- G	1.34	38.39	1.59	SI
1 Piso	P4	Top	B243-Wy+ G	1.34	38.39	2.31	SI
1 Piso	P4	Bottom	B243-Wy+ G	1.34	38.39	1.59	SI
1 Piso	P4	Top	B243-Wy- G	1.34	38.39	2.31	SI
1 Piso	P4	Bottom	B243-Wy- G	1.34	38.39	1.59	SI
1 Piso	P4	Top	B244-Wx+ G	1.34	38.39	2.98	SI
1 Piso	P4	Bottom	B244-Wx+ G	1.34	38.39	2.41	SI
1 Piso	P4	Top	B244-Wx- G	1.34	38.39	2.98	SI
1 Piso	P4	Bottom	B244-Wx- G	1.34	38.39	2.41	SI
1 Piso	P4	Top	B244-Wy+ G	1.34	38.39	2.88	SI
1 Piso	P4	Bottom	B244-Wy+ G	1.34	38.39	2.41	SI
1 Piso	P4	Top	B244-Wy- G	1.34	38.39	2.98	SI
1 Piso	P4	Bottom	B244-Wy- G	1.34	38.39	2.41	SI
1 Piso	P5	Top	B241	0.79	23.04	0.14	SI
1 Piso	P5	Bottom	B241	0.79	23.04	-0.02	SI
1 Piso	P5	Top	B242 Loub	0.79	23.04	0.31	SI
1 Piso	P5	Bottom	B242 Loub	0.79	23.04	-0.08	SI
1 Piso	P5	Top	B243-Wx+ Loub	0.79	23.04	0.09	SI
1 Piso	P5	Bottom	B243 Wx+ Loub	0.79	23.04	-0.02	SI
1 Piso	P5	Top	B243-Wx- Loub	0.79	23.04	0.09	SI
1 Piso	P5	Bottom	B243-Wx- Loub	0.79	23.04	-0.02	SI
1 Piso	P5	Top	B243-Wy+ Loub	0.79	23.04	0.09	SI
1 Piso	P5	Bottom	B243-Wy+ Loub	0.79	23.04	-0.02	SI

STORY	MURO	LOC.	COMB	Acrv (m²)	ΦVn (kon)	V33d (ton)	Cumple
1 Piso	P5	Top	B243-Wy- Loub	0.79	23.04	0.06	SI
1 Piso	P5	Bottom	B243-Wy- Loub	0.79	23.04	-0.02	SI
1 Piso	P5	Top	B244-Wx+ Loub	0.79	23.04	0.22	SI
1 Piso	P5	Bottom	B244-Wx+ Loub	0.79	23.04	0.05	SI
1 Piso	P5	Top	B244-Wx- Loub	0.79	23.04	0.22	SI
1 Piso	P5	Bottom	B244-Wx- Loub	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B244-Wy+ Loub	0.79	23.04	0.22	SI
1 Piso	P5	Bottom	B244-Wy+ Loub	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B244-Wy- Loub	0.79	23.04	0.22	SI
1 Piso	P5	Bottom	B244-Wy- Loub	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B245-Ex+	0.79	23.04	0.06	SI
1 Piso	P5	Bottom	B245-Ex+	0.79	23.04	0.06	SI
1 Piso	P5	Top	B245-Ex-	0.79	23.04	0.48	SI
1 Piso	P5	Bottom	B245-Ex-	0.79	23.04	-0.17	SI
1 Piso	P5	Top	B245-Ey+	0.79	23.04	0.22	SI
1 Piso	P5	Bottom	B245-Ey+	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B245-Ey-	0.79	23.04	0.27	SI
1 Piso	P5	Bottom	B245-Ey-	0.79	23.04	-0.06	SI
1 Piso	P5	Top	B246-Wx+	0.79	23.04	0.07	SI
1 Piso	P5	Bottom	B246-Wx+	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B246-Wx-	0.79	23.04	0.07	SI
1 Piso	P5	Bottom	B246-Wx-	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B246 Wy+	0.79	23.04	0.07	SI
1 Piso	P5	Bottom	B246-Wy+	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B246-Wy-	0.79	23.04	0.07	SI
1 Piso	P5	Bottom	B246-Wy-	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B247-Ex+	0.79	23.04	-0.18	SI
1 Piso	P5	Bottom	B247-Ex+	0.79	23.04	0.10	SI
1 Piso	P5	Top	B247-Ex-	0.79	23.04	0.33	SI
1 Piso	P5	Bottom	B247-Ex-	0.79	23.04	-0.13	SI
1 Piso	P5	Top	B247-Ey+	0.79	23.04	0.08	SI
1 Piso	P5	Bottom	B247-Ey+	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B247-Ey-	0.79	23.04	0.11	SI
1 Piso	P5	Bottom	B247-Ey-	0.79	23.04	-0.02	SI
1 Piso	P5	Top	B242 G	0.79	23.04	0.29	SI
1 Piso	P5	Bottom	B242 G	0.79	23.04	-0.08	SI
1 Piso	P5	Top	B243-Wx- G	0.79	23.04	0.04	SI
1 Piso	P5	Bottom	B243-Wx- G	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B243-Wy- G	0.79	23.04	0.04	SI
1 Piso	P5	Bottom	B243-Wy- G	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B243-Wx+ G	0.79	23.04	0.04	SI
1 Piso	P5	Bottom	B243-Wx+ G	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B243-Wy+ G	0.79	23.04	0.04	SI
1 Piso	P5	Bottom	B243-Wy+ G	0.79	23.04	-0.01	SI
1 Piso	P5	Top	B244-Wx- G	0.79	23.04	0.20	SI
1 Piso	P5	Bottom	B244 Wx- G	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B244-Wx+ G	0.79	23.04	0.20	SI
1 Piso	P5	Bottom	B244-Wx+ G	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B244-Wy- G	0.79	23.04	0.20	SI
1 Piso	P5	Bottom	B244-Wy- G	0.79	23.04	-0.05	SI
1 Piso	P5	Top	B244-Wy+ G	0.79	23.04	0.20	SI
1 Piso	P5	Bottom	B244 Wy+ G	0.79	23.04	-0.05	SI
1 Piso	P6	Top	B241	1.09	32.09	-8.57	SI
1 Piso	P6	Bottom	B241	1.09	32.09	0.03	SI
1 Piso	P6	Top	B242 Loub	1.09	32.09	-17.83	SI
1 Piso	P6	Bottom	B242 Loub	1.09	32.09	-0.37	SI
1 Piso	P6	Top	B243-Wx+ Loub	1.09	32.09	-8.21	SI
1 Piso	P6	Bottom	B243 Wx+ Loub	1.09	32.09	0.00	SI
1 Piso	P6	Top	B243-Wx- Loub	1.09	32.09	-8.21	SI
1 Piso	P6	Bottom	B243-Wx- Loub	1.09	32.09	0.00	SI
1 Piso	P6	Top	B243-Wy+ Loub	1.09	32.09	-8.21	SI
1 Piso	P6	Bottom	B243-Wy+ Loub	1.09	32.09	0.00	SI
1 Piso	P6	Top	B243-Wy- Loub	1.09	32.09	-8.21	SI
1 Piso	P6	Bottom	B243-Wy- Loub	1.09	32.09	0.00	SI
1 Piso	P6	Top	B244-Wx+ Loub	1.09	32.09	-14.22	SI
1 Piso	P6	Bottom	B244-Wx+ Loub	1.09	32.09	-0.22	SI
1 Piso	P6	Top	B244-Wx- Loub	1.09	32.09	-14.22	SI
1 Piso	P6	Bottom	B244-Wx- Loub	1.09	32.09	-0.22	SI
1 Piso	P6	Top	B244-Wy+ Loub	1.09	32.09	-14.22	SI
1 Piso	P6	Bottom	B244-Wy+ Loub	1.09	32.09	-0.22	SI

STORY	MURO	LOC.	COMB	Aswv(m²)	ΦVn (ton)	VUlt (ton)	Cumple
1 Piso	P6	Top	B244-Wy- Loub	1.09	32.09	-14.27	SI
1 Piso	P6	Bottom	B244-Wy- Loub	1.09	32.09	-0.22	SI
1 Piso	P6	Top	B245-Ex+	1.09	32.09	15.37	SI
1 Piso	P6	Bottom	B245-Ex+	1.09	32.09	-0.26	SI
1 Piso	P6	Top	B245-Ex-	1.09	32.09	-15.06	SI
1 Piso	P6	Bottom	B245-Ex-	1.09	32.09	-0.29	SI
1 Piso	P6	Top	B245-Ey+	1.09	32.09	-14.20	SI
1 Piso	P6	Bottom	B245-Ey+	1.09	32.09	0.24	SI
1 Piso	P6	Top	B245-Ey-	1.09	32.09	-14.23	SI
1 Piso	P6	Bottom	B245-Ey-	1.09	32.09	-0.24	SI
1 Piso	P6	Top	B246-Wx+	1.09	32.09	-8.15	SI
1 Piso	P6	Bottom	B246-Wx+	1.09	32.09	-0.01	SI
1 Piso	P6	Top	B246-Wx-	1.09	32.09	-8.15	SI
1 Piso	P6	Bottom	B246-Wx-	1.09	32.09	-0.01	SI
1 Piso	P6	Top	B246-Wy+	1.09	32.09	-8.15	SI
1 Piso	P6	Bottom	B246-Wy+	1.09	32.09	-0.01	SI
1 Piso	P6	Top	B246-Wy	1.09	32.09	-8.15	SI
1 Piso	P6	Bottom	B246-Wy-	1.09	32.09	-0.01	SI
1 Piso	P6	Top	B247-Ex+	1.09	32.09	-7.30	SI
1 Piso	P6	Bottom	B247-Ex+	1.09	32.09	-0.04	SI
1 Piso	P6	Top	B247-Ex-	1.09	32.09	5.00	SI
1 Piso	P6	Bottom	B247-Ex-	1.09	32.09	0.04	SI
1 Piso	P6	Top	B247-Ey+	1.09	32.09	-8.15	SI
1 Piso	P6	Bottom	B247-Ey+	1.09	32.09	-0.02	SI
1 Piso	P6	Top	B247-Ey-	1.09	32.09	8.17	SI
1 Piso	P6	Bottom	B247-Ey-	1.09	32.09	0.02	SI
1 Piso	P6	Top	B242 G	1.09	32.09	-17.83	SI
1 Piso	P6	Bottom	B242 G	1.09	32.09	-0.35	SI
1 Piso	P6	Top	B243-Wx- G	1.09	32.09	-8.22	SI
1 Piso	P6	Bottom	B243-Wx- G	1.09	32.09	0.03	SI
1 Piso	P6	Top	B243-Wy- G	1.09	32.09	8.22	SI
1 Piso	P6	Bottom	B243-Wy- G	1.09	32.09	0.03	SI
1 Piso	P6	Top	B243-Wx+ G	1.09	32.09	-8.22	SI
1 Piso	P6	Bottom	B243-Wx+ G	1.09	32.09	0.03	SI
1 Piso	P6	Top	B243-Wy+ G	1.09	32.09	-8.22	SI
1 Piso	P6	Bottom	B243-Wy+ G	1.09	32.09	0.03	SI
1 Piso	P6	Top	B244-Wx- G	1.09	32.09	-14.23	SI
1 Piso	P6	Bottom	B244-Wx- G	1.09	32.09	-0.21	SI
1 Piso	P6	Top	B244-Wx+ G	1.09	32.09	-14.23	SI
1 Piso	P6	Bottom	B244-Wx+ G	1.09	32.09	-0.21	SI
1 Piso	P6	Top	B244-Wy- G	1.09	32.09	-14.23	SI
1 Piso	P6	Bottom	B244-Wy- G	1.09	32.09	-0.24	SI
1 Piso	P6	Top	B244-Wy+ G	1.09	32.09	-14.23	SI
1 Piso	P6	Bottom	B244-Wy+ G	1.09	32.09	0.24	SI
1 Piso	P8	Top	B241	0.98	28.80	-1.26	SI
1 Piso	P8	Bottom	B241	0.98	28.80	-0.84	SI
1 Piso	P8	Top	B242 Loub	0.98	28.80	-2.26	SI
1 Piso	P8	Bottom	B242 Loub	0.98	28.80	-2.06	SI
1 Piso	P8	Top	B243-Wx- Loub	0.98	28.80	-1.04	SI
1 Piso	P8	Bottom	B243-Wx- Loub	0.98	28.80	-0.71	SI
1 Piso	P8	Top	B243-Wx+ Loub	0.98	28.80	-1.04	SI
1 Piso	P8	Bottom	B243-Wx+ Loub	0.98	28.80	-0.71	SI
1 Piso	P8	Top	B243-Wy+ Loub	0.98	28.80	-1.04	SI
1 Piso	P8	Bottom	B243-Wy+ Loub	0.98	28.80	-0.71	SI
1 Piso	P8	Top	B243-Wy- Loub	0.98	28.80	-1.04	SI
1 Piso	P8	Bottom	B243-Wy- Loub	0.98	28.80	-0.71	SI
1 Piso	P8	Top	B244-Wx+ Loub	0.98	28.80	-1.80	SI
1 Piso	P8	Bottom	B244-Wx+ Loub	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B244-Wx- Loub	0.98	28.80	1.80	SI
1 Piso	P8	Bottom	B244-Wx- Loub	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B244-Wy+ Loub	0.98	28.80	-1.80	SI
1 Piso	P8	Bottom	B244-Wy+ Loub	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B244-Wy- Loub	0.98	28.80	-1.80	SI
1 Piso	P8	Bottom	B244-Wy- Loub	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B245-Ex+	0.98	28.80	-1.69	SI
1 Piso	P8	Bottom	B245-Ex+	0.98	28.80	-1.15	SI
1 Piso	P8	Top	B245-Ex-	0.98	28.80	-1.95	SI
1 Piso	P8	Bottom	B245-Ex-	0.98	28.80	-1.32	SI
1 Piso	P8	Top	B245-Ey+	0.98	28.80	-1.91	SI
1 Piso	P8	Bottom	B245-Ey+	0.98	28.80	-1.25	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Asmv (m²)	ΦVn (ton)	V33u (ton)	Cumple
1 Piso	P8	Top	B245-Ey-	0.98	28.80	3.82	SI
1 Piso	P8	Bottom	B246-Ey-	0.98	28.80	-1.25	SI
1 Piso	P8	Top	B246 Wx+	0.98	28.80	-0.79	SI
1 Piso	P8	Bottom	B246-Wx+	0.98	28.80	-0.53	SI
1 Piso	P8	Top	B246-Wx-	0.98	28.80	-0.79	SI
1 Piso	P8	Bottom	B246-Wx-	0.98	28.80	-0.53	SI
1 Piso	P8	Top	B246-Wy+	0.98	28.80	-0.79	SI
1 Piso	P8	Bottom	B246-Wy+	0.98	28.80	-0.53	SI
1 Piso	P8	Top	B246-Wy-	0.98	28.80	-0.79	SI
1 Piso	P8	Bottom	B246-Wy-	0.98	28.80	-0.53	SI
1 Piso	P8	Top	B247-Ey+	0.98	28.80	0.66	SI
1 Piso	P8	Bottom	B247-Ey+	0.98	28.80	-0.47	SI
1 Piso	P8	Top	B247-Ey-	0.98	28.80	-0.80	SI
1 Piso	P8	Bottom	B247-Ey-	0.98	28.80	-0.81	SI
1 Piso	P8	Top	B247-Ey+	0.98	28.80	-0.80	SI
1 Piso	P8	Bottom	B247-Ey+	0.98	28.80	-0.54	SI
1 Piso	P8	Top	B247-Ey-	0.98	28.80	-0.80	SI
1 Piso	P8	Bottom	B247-Ey-	0.98	28.80	-0.54	SI
1 Piso	P8	Top	B242 G	0.98	28.80	-2.25	SI
1 Piso	P8	Bottom	B242 G	0.98	28.80	-1.56	SI
1 Piso	P8	Top	B243-Wx- G	0.98	28.80	-1.02	SI
1 Piso	P8	Bottom	B243-Wx- G	0.98	28.80	-0.69	SI
1 Piso	P8	Top	B243-Wy- G	0.98	28.80	-1.02	SI
1 Piso	P8	Bottom	B243-Wy- G	0.98	28.80	-0.69	SI
1 Piso	P8	Top	B243 Wx+ G	0.98	28.80	-1.02	SI
1 Piso	P8	Bottom	B243-Wx+ G	0.98	28.80	-0.69	SI
1 Piso	P8	Top	B243-Wy+ G	0.98	28.80	-1.02	SI
1 Piso	P8	Bottom	B243-Wy+ G	0.98	28.80	-0.69	SI
1 Piso	P8	Top	B244-Wx- G	0.98	28.80	-1.79	SI
1 Piso	P8	Bottom	B244-Wx- G	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B244-Wx+ G	0.98	28.80	-1.79	SI
1 Piso	P8	Bottom	B244-Wx+ G	0.98	28.80	-1.24	SI
1 Piso	P8	Top	B244-Wy+ G	0.98	28.80	-1.79	SI
1 Piso	P8	Bottom	B244-Wy+ G	0.98	28.80	1.24	SI
1 Piso	P8	Top	B244-Wy+ G	0.98	28.80	-1.79	SI
1 Piso	P8	Bottom	B244-Wy+ G	0.98	28.80	-1.24	SI
1 Piso	P9	Top	B241	1.09	32.09	-10.49	SI
1 Piso	P9	Bottom	B241	1.09	32.09	-0.12	SI
1 Piso	P9	Top	B242 Loub	1.09	32.09	-14.68	SI
1 Piso	P8	Bottom	B242 Loub	1.09	32.09	-0.51	SI
1 Piso	P9	Top	B243-Wx+ Loub	1.09	32.09	-9.02	SI
1 Piso	P9	Bottom	B243 Wx+ Loub	1.09	32.09	-0.09	SI
1 Piso	P9	Top	B243-Wx- Loub	1.09	32.09	-9.02	SI
1 Piso	P9	Bottom	B243 Wx- Loub	1.09	32.09	-0.09	SI
1 Piso	P9	Top	B243-Wy+ Loub	1.09	32.09	-8.02	SI
1 Piso	P8	Bottom	B243-Wy+ Loub	1.09	32.09	-0.00	SI
1 Piso	P9	Top	B243-Wy- Loub	1.09	32.09	-9.02	SI
1 Piso	P9	Bottom	B243-Wy- Loub	1.09	32.09	-0.09	SI
1 Piso	P9	Top	B244-Wx+ Loub	1.09	32.09	-12.57	SI
1 Piso	P9	Bottom	B244-Wx+ Loub	1.09	32.09	-0.35	SI
1 Piso	P9	Top	B244-Wx- Loub	1.09	32.09	-12.57	SI
1 Piso	P9	Bottom	B244-Wx- Loub	1.09	32.09	-0.35	SI
1 Piso	P9	Top	B244 Wy+ Loub	1.09	32.09	-12.57	SI
1 Piso	P9	Bottom	B244-Wy+ Loub	1.09	32.09	-0.35	SI
1 Piso	P9	Top	B244-Wy- Loub	1.09	32.09	-12.57	SI
1 Piso	P9	Bottom	B244-Wy- Loub	1.09	32.09	-0.35	SI
1 Piso	P9	Top	B245-Ex+	1.09	32.09	-13.60	SI
1 Piso	P8	Bottom	B245-Ex+	1.09	32.09	-0.27	SI
1 Piso	P9	Top	B245-Ex-	1.09	32.09	-13.59	SI
1 Piso	P9	Bottom	B245-Ex-	1.09	32.09	-0.45	SI
1 Piso	P9	Top	B245-Ey+	1.09	32.09	-12.03	SI
1 Piso	P9	Bottom	B245-Ey+	1.09	32.09	-0.37	SI
1 Piso	P9	Top	B245-Ey-	1.09	32.09	-12.47	SI
1 Piso	P9	Bottom	B245-Ey-	1.09	32.09	-0.36	SI
1 Piso	P9	Top	B246 Wx+	1.09	32.09	-8.76	SI
1 Piso	P9	Bottom	B246-Wx+	1.09	32.09	-0.06	SI
1 Piso	P9	Top	B246-Wx-	1.09	32.09	6.76	SI
1 Piso	P8	Bottom	B246-Wx-	1.09	32.09	-0.00	SI
1 Piso	P9	Top	B246-Wy+	1.09	32.09	-8.76	SI
1 Piso	P8	Bottom	B246-Wy+	1.09	32.09	-0.06	SI

STORY	MURO	LOC.	COMBI	Area (m²)	øVn (ton)	V33u (ton)	Cumple
1 Piso	P9	Top	B246-Wy-	1.09	32.09	-6.76	SI
1 Piso	P9	Bottom	B246-Wy-	1.09	32.09	-0.06	SI
1 Piso	P9	Top	B247-Ex+	1.09	32.09	-9.10	SI
1 Piso	P9	Bottom	B247-Ex+	1.09	32.09	0.01	SI
1 Piso	P9	Top	B247-Ex-	1.09	32.09	-5.35	SI
1 Piso	P9	Bottom	B247-Ex-	1.09	32.09	-0.18	SI
1 Piso	P9	Top	B247-Ey+	1.09	32.09	-5.87	SI
1 Piso	P9	Bottom	B247-Ey+	1.09	32.09	-0.06	SI
1 Piso	P9	Top	B247-Ey-	1.09	32.09	6.06	SI
1 Piso	P9	Bottom	B247-Ey-	1.09	32.09	-0.07	SI
1 Piso	P9	Top	B242 G	1.09	32.09	-14.70	SI
1 Piso	P9	Bottom	B242 G	1.09	32.09	-0.52	SI
1 Piso	P9	Top	B243-Wx- G	1.09	32.09	-9.06	SI
1 Piso	P9	Bottom	B243-Wx- G	1.09	32.09	-0.06	SI
1 Piso	P9	Top	B243-Wy- G	1.09	32.09	-9.06	SI
1 Piso	P9	Bottom	B243-Wy- G	1.09	32.09	-0.06	SI
1 Piso	P9	Top	B243-Wx+ G	1.09	32.09	-9.06	SI
1 Piso	P9	Bottom	B243-Wx+ G	1.09	32.09	-0.05	SI
1 Piso	P9	Top	B243-Wy+ G	1.09	32.09	-9.06	SI
1 Piso	P9	Bottom	B243-Wy+ G	1.09	32.09	0.05	SI
1 Piso	P9	Top	B244-Wx- G	1.09	32.09	-12.58	SI
1 Piso	P9	Bottom	B244-Wx- G	1.09	32.09	-0.34	SI
1 Piso	P9	Top	B244-Wx+ G	1.09	32.09	-12.58	SI
1 Piso	P9	Bottom	B244-Wx+ G	1.09	32.09	-0.34	SI
1 Piso	P9	Top	B244-Wy- G	1.09	32.09	-12.58	SI
1 Piso	P9	Bottom	B244-Wy- G	1.09	32.09	-0.34	SI
1 Piso	P9	Top	B244-Wy+ G	1.09	32.09	-12.58	SI
1 Piso	P9	Bottom	B244-Wy+ G	1.09	32.09	-0.34	SI
1 Piso	P10	Top	B241	1.63	47.65	0.74	SI
1 Piso	P10	Bottom	B241	1.63	47.65	0.35	SI
1 Piso	P10	Top	B242 Loub	1.63	47.65	1.34	SI
1 Piso	P10	Bottom	B242 Loub	1.63	47.65	0.68	SI
1 Piso	P10	Top	B243-Wx+ Loub	1.63	47.65	0.63	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	1.63	47.65	0.26	SI
1 Piso	P10	Top	B243-Wx- Loub	1.63	47.65	0.63	SI
1 Piso	P10	Bottom	B243-Wx- Loub	1.63	47.65	0.28	SI
1 Piso	P10	Top	B243-Wy+ Loub	1.63	47.65	0.63	SI
1 Piso	P10	Bottom	B243-Wy+ Loub	1.63	47.65	0.28	SI
1 Piso	P10	Top	B243-Wy- Loub	1.63	47.65	0.63	SI
1 Piso	P10	Bottom	B243-Wy- Loub	1.63	47.65	0.28	SI
1 Piso	P10	Top	B244-Wx+ Loub	1.63	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	1.63	47.65	0.46	SI
1 Piso	P10	Top	B244-Wx- Loub	1.63	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wx- Loub	1.63	47.65	0.46	SI
1 Piso	P10	Top	B244-Wy+ Loub	1.63	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wy+ Loub	1.63	47.65	0.46	SI
1 Piso	P10	Top	B244-Wy- Loub	1.63	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wy- Loub	1.63	47.65	0.46	SI
1 Piso	P10	Top	B245-Ex+	1.63	47.65	1.88	SI
1 Piso	P10	Bottom	B245-Ex+	1.63	47.65	0.09	SI
1 Piso	P10	Top	B245-Ex-	1.63	47.65	0.27	SI
1 Piso	P10	Bottom	B245-Ex-	1.63	47.65	0.09	SI
1 Piso	P10	Top	B245-Ey+	1.63	47.65	1.90	SI
1 Piso	P10	Bottom	B245 Ey+	1.63	47.65	0.56	SI
1 Piso	P10	Top	B245-Ey-	1.63	47.65	0.85	SI
1 Piso	P10	Bottom	B245-Ey-	1.63	47.65	0.39	SI
1 Piso	P10	Top	B246-Wx+	1.63	47.65	0.47	SI
1 Piso	P10	Bottom	B246-Wx+	1.63	47.65	0.22	SI
1 Piso	P10	Top	B246-Wx-	1.63	47.65	0.47	SI
1 Piso	P10	Bottom	B246-Wx-	1.63	47.65	0.22	SI
1 Piso	P10	Top	B246-Wy+	1.63	47.65	0.47	SI
1 Piso	P10	Bottom	B246-Wy+	1.63	47.65	0.22	SI
1 Piso	P10	Top	B246-Wy-	1.63	47.65	0.47	SI
1 Piso	P10	Bottom	B246-Wy-	1.63	47.65	0.22	SI
1 Piso	P10	Top	B247-Ex+	1.63	47.65	1.29	SI
1 Piso	P10	Bottom	B247-Ex+	1.63	47.65	0.60	SI
1 Piso	P10	Top	B247-Ex-	1.63	47.65	-0.30	SI
1 Piso	P10	Bottom	B247-Ex-	1.63	47.65	-0.19	SI
1 Piso	P10	Top	B247-Ey+	1.63	47.65	0.70	SI
1 Piso	P10	Bottom	B247-Ey+	1.63	47.65	0.31	SI

STORY	MURO	LOC.	COMB	Aggv (m²)	ΦVn (ton)	V3Su (ton)	Cumple
1 Piso	P10	Top	B247-Ey-	1.83	47.65	0.25	SI
1 Piso	P10	Bottom	B247-Ey-	1.83	47.65	0.14	SI
1 Piso	P10	Top	B242 G	1.83	47.65	1.33	SI
1 Piso	P10	Bottom	B242 G	1.83	47.65	0.57	SI
1 Piso	P10	Top	B243-Wx- G	1.83	47.65	0.62	SI
1 Piso	P10	Bottom	B243-Wx- G	1.83	47.65	0.26	SI
1 Piso	P10	Top	B243-Wy- G	1.83	47.65	0.62	SI
1 Piso	P10	Bottom	B243-Wy- G	1.83	47.65	0.26	SI
1 Piso	P10	Top	B243-Wx+ G	1.83	47.65	0.62	SI
1 Piso	P10	Bottom	B243-Wx+ G	1.83	47.65	0.26	SI
1 Piso	P10	Top	B243 Wy+ G	1.83	47.65	0.62	SI
1 Piso	P10	Bottom	B243-Wy+ G	1.83	47.65	0.26	SI
1 Piso	P10	Top	B244-Wx- G	1.83	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wx- G	1.83	47.65	0.46	SI
1 Piso	P10	Top	B244-Wx+ G	1.83	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wx+ G	1.83	47.65	0.46	SI
1 Piso	P10	Top	B244-Wy- G	1.83	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wy- G	1.83	47.65	0.46	SI
1 Piso	P10	Top	B244-Wy+ G	1.83	47.65	1.07	SI
1 Piso	P10	Bottom	B244-Wy+ G	1.83	47.65	0.46	SI
1 Piso	P11	Top	B241	1.83	53.54	-1.83	SI
1 Piso	P11	Bottom	B241	1.83	53.54	-0.33	SI
1 Piso	P11	Top	B242 Loub	1.83	53.54	-3.57	SI
1 Piso	P11	Bottom	B242 Loub	1.83	53.54	-0.52	SI
1 Piso	P11	Top	B243-Wx+ Loub	1.83	53.54	-1.73	SI
1 Piso	P11	Bottom	B243-Wx+ Loub	1.83	53.54	-0.26	SI
1 Piso	P11	Top	B243-Wx- Loub	1.83	53.54	-1.73	SI
1 Piso	P11	Bottom	B243-Wx- Loub	1.83	53.54	-0.26	SI
1 Piso	P11	Top	B243-Wy+ Loub	1.83	53.54	-1.73	SI
1 Piso	P11	Bottom	B243-Wy+ Loub	1.83	53.54	-0.26	SI
1 Piso	P11	Top	B243-Wy- Loub	1.83	53.54	-1.73	SI
1 Piso	P11	Bottom	B243-Wy- Loub	1.83	53.54	-0.26	SI
1 Piso	P11	Top	B244-Wx+ Loub	1.83	53.54	-2.90	SI
1 Piso	P11	Bottom	B244-Wx+ Loub	1.83	53.54	-0.43	SI
1 Piso	P11	Top	B244-Wx- Loub	1.83	53.54	-2.90	SI
1 Piso	P11	Bottom	B244-Wx- Loub	1.83	53.54	-0.43	SI
1 Piso	P11	Top	B244-Wy+ Loub	1.83	53.54	-2.90	SI
1 Piso	P11	Bottom	B244 Wy+ Loub	1.83	53.54	-0.43	SI
1 Piso	P11	Top	B244-Wy- Loub	1.83	53.54	-2.90	SI
1 Piso	P11	Bottom	B244-Wy- Loub	1.83	53.54	-0.43	SI
1 Piso	P11	Top	B245-Ex+	1.83	53.54	-3.81	SI
1 Piso	P11	Bottom	B245-Ex+	1.83	53.54	0.02	SI
1 Piso	P11	Top	B245-Ex-	1.83	53.54	-1.88	SI
1 Piso	P11	Bottom	B245-Ex-	1.83	53.54	-0.80	SI
1 Piso	P11	Top	B245-Ey+	1.83	53.54	-3.08	SI
1 Piso	P11	Bottom	B245-Ey+	1.83	53.54	-0.45	SI
1 Piso	P11	Top	B245-Ey-	1.83	53.54	-2.83	SI
1 Piso	P11	Bottom	B245-Ey-	1.83	53.54	-0.43	SI
1 Piso	P11	Top	B246-Wx+	1.83	53.54	-1.26	SI
1 Piso	P11	Bottom	B246-Wx+	1.83	53.54	-0.20	SI
1 Piso	P11	Top	B246-Wx-	1.83	53.54	-1.26	SI
1 Piso	P11	Bottom	B246-Wx-	1.83	53.54	-0.20	SI
1 Piso	P11	Top	B246-Wy+	1.83	53.54	-1.26	SI
1 Piso	P11	Bottom	B246-Wy+	1.83	53.54	-0.20	SI
1 Piso	P11	Top	B246-Wy-	1.83	53.54	-1.26	SI
1 Piso	P11	Bottom	B246-Wy-	1.83	53.54	-0.20	SI
1 Piso	P11	Top	B247-Ex+	1.83	53.54	-2.21	SI
1 Piso	P11	Bottom	B247-Ex+	1.83	53.54	0.25	SI
1 Piso	P11	Top	B247-Ex-	1.83	53.54	-0.27	SI
1 Piso	P11	Bottom	B247-Ex-	1.83	53.54	-0.07	SI
1 Piso	P11	Top	B247-Ey+	1.83	53.54	-7.46	SI
1 Piso	P11	Bottom	B247-Ey+	1.83	53.54	-0.22	SI
1 Piso	P11	Top	B247-Ey-	1.83	53.54	-1.03	SI
1 Piso	P11	Bottom	B247-Ey-	1.83	53.54	-0.20	SI
1 Piso	P11	Top	B242 G	1.83	53.54	-3.60	SI
1 Piso	P11	Bottom	B242 G	1.83	53.54	-0.52	SI
1 Piso	P11	Top	B243 Wx- G	1.83	53.54	-1.83	SI
1 Piso	P11	Bottom	B243-Wx- G	1.83	53.54	-0.24	SI
1 Piso	P11	Top	B243-Wy- G	1.83	53.54	-1.83	SI
1 Piso	P11	Bottom	B243-Wy- G	1.83	53.54	-0.24	SI

STORY	MURO	LOC.	COMB	Asev (m²)	ØVn (ton)	V33u (ton)	Cumple
1 Piso	P11	Top	B243-Wx+ G	1.83	53.54	-1.83	SI
1 Piso	P11	Bottom	B243-Wx+ G	1.83	53.54	-0.24	SI
1 Piso	P11	Top	B243-Wy+ G	1.83	53.54	-1.83	SI
1 Piso	P11	Bottom	B243-Wy+ G	1.83	53.54	-0.24	SI
1 Piso	P11	Top	B244-Wx- G	1.83	53.54	-2.93	SI
1 Piso	P11	Bottom	B244-Wx- G	1.83	53.54	-0.42	SI
1 Piso	P11	Top	B244-Wx+ G	1.83	53.54	-2.93	SI
1 Piso	P11	Bottom	B244-Wx+ G	1.83	53.54	-0.42	SI
1 Piso	P11	Top	B244-Wy- G	1.83	53.54	-2.93	SI
1 Piso	P11	Bottom	B244-Wy- G	1.83	53.54	-0.42	SI
1 Piso	P11	Top	B244-Wy+ G	1.83	53.54	2.93	SI
1 Piso	P11	Bottom	B244-Wy+ G	1.83	53.54	-0.42	SI
1 Piso	P12	Top	B241	1.09	31.84	10.02	SI
1 Piso	P12	Bottom	B241	1.09	31.84	-0.05	SI
1 Piso	P12	Top	B242 Lcub	1.09	31.84	21.01	SI
1 Piso	P12	Bottom	B242 Lcub	1.09	31.84	0.57	SI
1 Piso	P12	Top	B243-Wx+ Lcub	1.09	31.84	6.82	SI
1 Piso	P12	Bottom	B243-Wx+ Lcub	1.09	31.84	-0.05	SI
1 Piso	P12	Top	B243-Wx- Lcub	1.09	31.84	6.82	SI
1 Piso	P12	Bottom	B243-Wx- Lcub	1.09	31.84	-0.05	SI
1 Piso	P12	Top	B243-Wy+ Lcub	1.09	31.84	6.82	SI
1 Piso	P12	Bottom	B243-Wy+ Lcub	1.09	31.84	-0.05	SI
1 Piso	P12	Top	B243-Wy- Lcub	1.09	31.84	6.82	SI
1 Piso	P12	Bottom	B243-Wy- Lcub	1.09	31.84	-0.05	SI
1 Piso	P12	Top	B244-Wx+ Lcub	1.09	31.84	16.37	SI
1 Piso	P12	Bottom	B244-Wx+ Lcub	1.09	31.84	0.33	SI
1 Piso	P12	Top	B244-Wx- Lcub	1.09	31.84	16.37	SI
1 Piso	P12	Bottom	B244-Wx- Lcub	1.09	31.84	0.33	SI
1 Piso	P12	Top	B244-Wy+ Lcub	1.09	31.84	16.37	SI
1 Piso	P12	Bottom	B244-Wy+ Lcub	1.09	31.84	0.33	SI
1 Piso	P12	Top	B244-Wy- Lcub	1.09	31.84	16.37	SI
1 Piso	P12	Bottom	B244-Wy- Lcub	1.09	31.84	0.33	SI
1 Piso	P12	Top	B245-Ex+	1.09	31.84	14.68	SI
1 Piso	P12	Bottom	B245-Ex+	1.09	31.84	0.41	SI
1 Piso	P12	Top	B245-Ex-	1.09	31.84	16.01	SI
1 Piso	P12	Bottom	B245-Ex-	1.09	31.84	0.28	SI
1 Piso	P12	Top	B245-Ey+	1.09	31.84	16.56	SI
1 Piso	P12	Bottom	B245-Ey+	1.09	31.84	0.34	SI
1 Piso	P12	Top	B245-Ey-	1.09	31.84	16.33	SI
1 Piso	P12	Bottom	B245-Ey-	1.09	31.84	0.35	SI
1 Piso	P12	Top	B246-Wx+	1.09	31.84	6.46	SI
1 Piso	P12	Bottom	B246-Wx+	1.09	31.84	-0.03	SI
1 Piso	P12	Top	B246-Wx-	1.09	31.84	6.46	SI
1 Piso	P12	Bottom	B246-Wx-	1.09	31.84	-0.03	SI
1 Piso	P12	Top	B246-Wy+	1.09	31.84	6.46	SI
1 Piso	P12	Bottom	B246-Wy+	1.09	31.84	-0.03	SI
1 Piso	P12	Top	B246-Wy-	1.09	31.84	6.46	SI
1 Piso	P12	Bottom	B246-Wy-	1.09	31.84	-0.03	SI
1 Piso	P12	Top	B247-Ex+	1.09	31.84	4.79	SI
1 Piso	P12	Bottom	B247-Ex+	1.09	31.84	0.04	SI
1 Piso	P12	Top	B247-Ex-	1.09	31.84	8.10	SI
1 Piso	P12	Bottom	B247 Ex-	1.09	31.84	-0.08	SI
1 Piso	P12	Top	B247-Ey+	1.09	31.84	6.46	SI
1 Piso	P12	Bottom	B247-Ey+	1.09	31.84	-0.03	SI
1 Piso	P12	Top	B247-Ey-	1.09	31.84	6.42	SI
1 Piso	P12	Bottom	B247-Ey-	1.09	31.84	-0.01	SI
1 Piso	P12	Top	B242 G	1.09	31.84	21.02	SI
1 Piso	P12	Bottom	B242 G	1.09	31.84	0.56	SI
1 Piso	P12	Top	B243-Wx- G	1.09	31.84	8.87	SI
1 Piso	P12	Bottom	B243-Wx- G	1.09	31.84	-0.07	SI
1 Piso	P12	Top	B243-Wy- G	1.09	31.84	8.87	SI
1 Piso	P12	Bottom	B243-Wy- G	1.09	31.84	-0.07	SI
1 Piso	P12	Top	B243-Wx+ G	1.09	31.84	8.87	SI
1 Piso	P12	Bottom	B243-Wx+ G	1.09	31.84	-0.07	SI
1 Piso	P12	Top	B243-Wy+ G	1.09	31.84	8.87	SI
1 Piso	P12	Bottom	B243-Wy+ G	1.09	31.84	-0.07	SI
1 Piso	P12	Top	B244-Wx- G	1.09	31.84	16.39	SI
1 Piso	P12	Bottom	B244-Wx- G	1.09	31.84	0.33	SI
1 Piso	P12	Top	B244-Wx+ G	1.09	31.84	16.39	SI
1 Piso	P12	Bottom	B244-Wx+ G	1.09	31.84	0.33	SI

STORY	MURO	LOC	COMB	Amin(m²)	ØVn (ton)	V33u (ton)	Cumple
1 Piso	P12	Top	B244-Wy- G	1.09	31.84	10.39	SI
1 Piso	P12	Bottom	B244-Wy- G	1.09	31.84	0.33	SI
1 Piso	P12	Top	B244 Wy+ G	1.09	31.84	10.39	SI
1 Piso	P12	Bottom	B244 Wy+ E	1.09	31.84	0.33	SI
1 Piso	P14	Top	B241	0.87	28.47	1.24	SI
1 Piso	P14	Bottom	B241	0.87	28.47	0.64	SI
1 Piso	P14	Top	B242 Loub	0.97	28.47	2.80	SI
1 Piso	P14	Bottom	B242 Loub	0.97	28.47	1.96	SI
1 Piso	P14	Top	B243-Wx+ Loub	0.97	28.47	1.05	SI
1 Piso	P14	Bottom	B243-Wx+ Loub	0.97	28.47	0.71	SI
1 Piso	P14	Top	B243-Wx- Loub	0.97	28.47	1.05	SI
1 Piso	P14	Bottom	B243-Wx- Loub	0.97	28.47	0.71	SI
1 Piso	P14	Top	B243-Wy+ Loub	0.97	28.47	1.05	SI
1 Piso	P14	Bottom	B243-Wy+ Loub	0.97	28.47	0.71	SI
1 Piso	P14	Top	B243-Wy- Loub	0.97	28.47	1.05	SI
1 Piso	P14	Bottom	B243-Wy- Loub	0.97	28.47	0.71	SI
1 Piso	P14	Top	B244-Wx+ Loub	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B244-Wx+ Loub	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wx- Loub	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B244-Wx- Loub	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wy+ Loub	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B244-Wy+ Loub	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wy- Loub	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B244-Wy- Loub	0.97	28.47	1.50	SI
1 Piso	P14	Top	B245-Ex+	0.97	28.47	2.33	SI
1 Piso	P14	Bottom	B245-Ex+	0.97	28.47	1.58	SI
1 Piso	P14	Top	B245-Ex-	0.97	28.47	2.05	SI
1 Piso	P14	Bottom	B245-Ex-	0.97	28.47	1.44	SI
1 Piso	P14	Top	B245-Ey+	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B245-Ey+	0.97	28.47	1.51	SI
1 Piso	P14	Top	B245-Ey-	0.97	28.47	2.18	SI
1 Piso	P14	Bottom	B245-Ey-	0.97	28.47	1.51	SI
1 Piso	P14	Top	B246-Wx+	0.97	28.47	0.78	SI
1 Piso	P14	Bottom	B246-Wx+	0.97	28.47	0.54	SI
1 Piso	P14	Top	B246-Wx-	0.97	28.47	0.79	SI
1 Piso	P14	Bottom	B246-Wx-	0.97	28.47	0.54	SI
1 Piso	P14	Top	B246-Wy+	0.97	28.47	0.79	SI
1 Piso	P14	Bottom	B246-Wy+	0.97	28.47	0.64	SI
1 Piso	P14	Top	B246-Wy-	0.87	28.47	0.79	SI
1 Piso	P14	Bottom	B246-Wy-	0.97	28.47	0.64	SI
1 Piso	P14	Top	B247-Ex+	0.97	28.47	0.94	SI
1 Piso	P14	Bottom	B247-Ex+	0.97	28.47	0.61	SI
1 Piso	P14	Top	B247-Ex-	0.97	28.47	0.66	SI
1 Piso	P14	Bottom	B247-Ex-	0.97	28.47	0.47	SI
1 Piso	P14	Top	B247-Ey+	0.97	28.47	0.80	SI
1 Piso	P14	Bottom	B247-Ey+	0.97	28.47	0.54	SI
1 Piso	P14	Top	B247-Ey-	0.97	28.47	0.00	SI
1 Piso	P14	Bottom	B247-Ey-	0.97	28.47	0.54	SI
1 Piso	P14	Top	B242 G	0.97	28.47	2.85	SI
1 Piso	P14	Bottom	B242 G	0.97	28.47	1.97	SI
1 Piso	P14	Top	B243-Wx- G	0.97	28.47	1.02	SI
1 Piso	P14	Bottom	B243-Wx- G	0.97	28.47	0.70	SI
1 Piso	P14	Top	B243-Wy- G	0.97	28.47	1.02	SI
1 Piso	P14	Bottom	B243-Wy- G	0.97	28.47	0.70	SI
1 Piso	P14	Top	B243 Wx+ G	0.97	28.47	1.02	SI
1 Piso	P14	Bottom	B243-Wx+ G	0.97	28.47	0.70	SI
1 Piso	P14	Top	B243-Wy+ G	0.97	28.47	1.02	SI
1 Piso	P14	Bottom	B243-Wy+ G	0.97	28.47	0.70	SI
1 Piso	P14	Top	B244 Wx- G	0.97	28.47	2.17	SI
1 Piso	P14	Bottom	B244 Wx- G	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wx+ G	0.97	28.47	2.17	SI
1 Piso	P14	Bottom	B244-Wx+ G	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wy- G	0.97	28.47	2.17	SI
1 Piso	P14	Bottom	B244-Wy- G	0.97	28.47	1.50	SI
1 Piso	P14	Top	B244-Wy+ G	0.97	28.47	2.17	SI
1 Piso	P14	Bottom	B244-Wy+ G	0.97	28.47	1.50	SI
1 Piso	P15	Top	B241	1.11	32.50	0.88	SI
1 Piso	P15	Bottom	B241	1.11	32.50	0.09	SI
1 Piso	P15	Top	B242 Loub	1.11	32.50	15.74	SI
1 Piso	P15	Bottom	B242 Loub	1.11	32.50	0.72	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Aemr (m^2)	ØVn (ton)	V33u (ton)	Cumple
1 Piso	P15	Top	B243-Wx+ Loub	1.11	32.50	8.46	SI
1 Piso	P15	Bottom	B243-Wx+ Loub	1.11	32.50	0.05	SI
1 Piso	P15	Top	B243-Wx- Loub	1.11	32.50	8.48	SI
1 Piso	P15	Bottom	B243-Wx- Loub	1.11	32.50	0.05	SI
1 Piso	P15	Top	B243-Wy+ Loub	1.11	32.50	8.40	SI
1 Piso	P15	Bottom	B243-Wy+ Loub	1.11	32.50	0.05	SI
1 Piso	P15	Top	B243-Wy- Loub	1.11	32.50	8.46	SI
1 Piso	P15	Bottom	B243-Wy- Loub	1.11	32.50	0.05	SI
1 Piso	P15	Top	B244-Wx+ Loub	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wx+ Loub	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wx- Loub	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wx- Loub	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wy+ Loub	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wy+ Loub	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wy- Loub	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wy- Loub	1.11	32.50	0.48	SI
1 Piso	P15	Top	B245-Ex+	1.11	32.50	12.19	SI
1 Piso	P15	Bottom	B245-Ex+	1.11	32.50	0.85	SI
1 Piso	P15	Top	B245-Ex-	1.11	32.50	13.82	SI
1 Piso	P15	Bottom	B245-Ex-	1.11	32.50	0.32	SI
1 Piso	P15	Top	B245-Ey+	1.11	32.50	33.04	SI
1 Piso	P15	Bottom	B245-Ey+	1.11	32.50	0.48	SI
1 Piso	P15	Top	B245-Ey-	1.11	32.50	32.07	SI
1 Piso	P15	Bottom	B245-Ey-	1.11	32.50	0.49	SI
1 Piso	P15	Top	B246 Wx+	1.11	32.50	8.34	SI
1 Piso	P15	Bottom	B246 Wx+	1.11	32.50	0.04	SI
1 Piso	P15	Top	B246-Wx-	1.11	32.50	8.34	SI
1 Piso	P15	Bottom	B246-Wx-	1.11	32.50	0.04	SI
1 Piso	P15	Top	B246-Wy+	1.11	32.50	8.34	SI
1 Piso	P15	Bottom	B246-Wy+	1.11	32.50	0.04	SI
1 Piso	P15	Top	B246 Wy-	1.11	32.50	8.34	SI
1 Piso	P15	Bottom	B246-Wy-	1.11	32.50	0.04	SI
1 Piso	P15	Top	B247-Ex+	1.11	32.50	0.52	SI
1 Piso	P15	Bottom	B247-Ex+	1.11	32.50	0.22	SI
1 Piso	P15	Top	B247-Ex-	1.11	32.50	7.16	SI
1 Piso	P15	Bottom	B247-Ex-	1.11	32.50	-0.10	SI
1 Piso	P15	Top	B247-Ey+	1.11	32.50	6.97	SI
1 Piso	P15	Bottom	B247-Ey+	1.11	32.50	0.06	SI
1 Piso	P15	Top	B247-Ey-	1.11	32.50	0.30	SI
1 Piso	P15	Bottom	B247-Ey-	1.11	32.50	0.06	SI
1 Piso	P15	Top	B242 G	1.11	32.50	25.74	SI
1 Piso	P15	Bottom	B242 G	1.11	32.50	0.71	SI
1 Piso	P15	Top	B243-Wx- G	1.11	32.50	8.69	SI
1 Piso	P15	Bottom	B243-Wx- G	1.11	32.50	0.02	SI
1 Piso	P15	Top	B243-Wy- G	1.11	32.50	8.46	SI
1 Piso	P15	Bottom	B243-Wy- G	1.11	32.50	0.02	SI
1 Piso	P15	Top	B243-Wx+ G	1.11	32.50	8.46	SI
1 Piso	P15	Bottom	B243-Wx+ G	1.11	32.50	0.02	SI
1 Piso	P15	Top	B243-Wy+ G	1.11	32.50	8.46	SI
1 Piso	P15	Bottom	B243-Wy+ G	1.11	32.50	0.02	SI
1 Piso	P15	Top	B244-Wx- G	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wx- G	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wx+ G	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wx+ G	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wy- G	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wy- G	1.11	32.50	0.46	SI
1 Piso	P15	Top	B244-Wy+ G	1.11	32.50	13.01	SI
1 Piso	P15	Bottom	B244-Wy+ G	1.11	32.50	0.46	SI
1 Piso	P16	Top	B241	0.53	15.39	0.15	SI
1 Piso	P16	Bottom	B241	0.53	15.39	-0.10	SI
1 Piso	P16	Top	B242 Loub	0.53	15.39	0.25	SI
1 Piso	P16	Bottom	B242 Loub	0.53	15.39	-0.24	SI
1 Piso	P16	Top	B243-Wx+ Loub	0.53	15.39	0.15	SI
1 Piso	P16	Bottom	B243-Wx+ Loub	0.53	15.39	-0.07	SI
1 Piso	P16	Top	B243-Wx- Loub	0.53	15.39	0.15	SI
1 Piso	P16	Bottom	B243-Wx- Loub	0.53	15.39	0.07	SI
1 Piso	P16	Top	B243-Wy+ Loub	0.53	15.39	0.15	SI
1 Piso	P16	Bottom	B243-Wy+ Loub	0.53	15.39	-0.07	SI
1 Piso	P16	Top	B243-Wy- Loub	0.53	15.39	0.15	SI
1 Piso	P16	Bottom	B243-Wy- Loub	0.53	15.39	-0.07	SI

STORY	MURO	LOC.	COMB	Amv(m²)	ΦVn(ton)	V33u(ton)	Cumple
1 Piso	P18	Top	B244-Wx+ Loub	0.53	16.39	0.22	SI
1 Piso	P18	Bottom	B244-Wx+ Loub	0.53	15.39	-0.18	SI
1 Piso	P18	Top	B244-Wx- Loub	0.53	15.39	0.22	SI
1 Piso	P18	Bottom	B244-Wx- Loub	0.53	15.39	-0.18	SI
1 Piso	P18	Top	B244-Wy+ Loub	0.53	15.39	0.22	SI
1 Piso	P18	Bottom	B244-Wy+ Loub	0.53	15.39	-0.18	SI
1 Piso	P18	Top	B244-Wy- Loub	0.53	15.39	0.22	SI
1 Piso	P18	Bottom	B244-Wy- Loub	0.53	15.39	-0.18	SI
1 Piso	P18	Top	B245 Ex+	0.53	15.39	0.24	SI
1 Piso	P18	Bottom	B245-Ex+	0.53	15.39	-0.21	SI
1 Piso	P18	Top	B245-Ex-	0.53	15.39	0.17	SI
1 Piso	P18	Bottom	B245-Ex-	0.53	15.39	-0.16	SI
1 Piso	P18	Top	B245-Ey+	0.53	15.39	0.23	SI
1 Piso	P18	Bottom	B245-Ey+	0.53	15.39	-0.17	SI
1 Piso	P18	Top	B245-Ey-	0.53	15.39	0.18	SI
1 Piso	P18	Bottom	B245-Ey-	0.53	15.39	-0.20	SI
1 Piso	P18	Top	B246-Wx+	0.53	15.39	0.11	SI
1 Piso	P18	Bottom	B246-Wx+	0.53	15.39	0.06	SI
1 Piso	P18	Top	B246-Wx-	0.53	15.39	0.11	SI
1 Piso	P18	Bottom	B246-Wx-	0.53	15.39	-0.06	SI
1 Piso	P18	Top	B246-Wy+	0.53	15.39	0.11	SI
1 Piso	P18	Bottom	B246-Wy+	0.53	15.39	-0.09	SI
1 Piso	P18	Top	B246-Wy-	0.53	15.39	0.11	SI
1 Piso	P18	Bottom	B246-Wy-	0.53	15.39	-0.09	SI
1 Piso	P18	Top	B247 Ex+	0.53	15.39	0.13	SI
1 Piso	P18	Bottom	B247-Ex+	0.53	15.39	-0.09	SI
1 Piso	P18	Top	B247-Ex-	0.53	15.39	0.08	SI
1 Piso	P18	Bottom	B247-Ex-	0.53	15.39	-0.08	SI
1 Piso	P18	Top	B247-Ey+	0.53	15.39	0.12	SI
1 Piso	P18	Bottom	B247-Ey+	0.53	15.39	0.05	SI
1 Piso	P18	Top	B247-Ey-	0.53	15.39	0.07	SI
1 Piso	P18	Bottom	B247-Ey-	0.53	15.39	-0.04	SI
1 Piso	P18	Top	B242 G	0.53	15.39	0.26	SI
1 Piso	P18	Bottom	B242 G	0.53	15.39	-0.24	SI
1 Piso	P18	Top	B243-Wx- G	0.53	15.39	0.17	SI
1 Piso	P18	Bottom	B243-Wx- G	0.53	15.39	-0.06	SI
1 Piso	P18	Top	B243-Wy- G	0.53	15.39	0.17	SI
1 Piso	P18	Bottom	B243 Wy- G	0.53	15.39	-0.06	SI
1 Piso	P18	Top	B243 Wx+ G	0.53	15.39	0.17	SI
1 Piso	P18	Bottom	B243-Wx+ G	0.53	15.39	-0.06	SI
1 Piso	P18	Top	B243-Wy+ G	0.53	15.39	0.17	SI
1 Piso	P18	Bottom	B243-Wy+ G	0.53	15.39	-0.06	SI
1 Piso	P18	Top	B244-Wx- G	0.53	15.39	0.23	SI
1 Piso	P18	Bottom	B244 Wx- G	0.53	15.39	-0.17	SI
1 Piso	P18	Top	B244-Wx+ G	0.53	15.39	0.23	SI
1 Piso	P18	Bottom	B244-Wx+ G	0.53	15.39	-0.17	SI
1 Piso	P18	Top	B244-Wy- G	0.53	15.39	0.23	SI
1 Piso	P18	Bottom	B244-Wy- G	0.53	15.39	-0.17	SI
1 Piso	P18	Top	B244-Wy+ G	0.53	15.39	0.23	SI
1 Piso	P18	Bottom	B244-Wy+ G	0.53	15.39	-0.17	SI
1 Piso	P17	Top	B241	1.31	39.25	-2.35	SI
1 Piso	P17	Bottom	B241	1.31	39.25	-1.74	SI
1 Piso	P17	Top	B242 Loub	1.31	39.25	-5.23	SI
1 Piso	P17	Bottom	B242 Loub	1.31	39.25	-4.10	SI
1 Piso	P17	Top	B243-Wx+ Loub	1.31	39.25	-2.00	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	1.31	39.25	-1.47	SI
1 Piso	P17	Top	B243-Wx- Loub	1.31	39.25	-2.00	SI
1 Piso	P17	Bottom	B243-Wx- Loub	1.31	39.25	1.47	SI
1 Piso	P17	Top	B243-Wy+ Loub	1.31	39.25	-2.00	SI
1 Piso	P17	Bottom	B243-Wy+ Loub	1.31	39.25	-1.47	SI
1 Piso	P17	Top	B243-Wy- Loub	1.31	39.25	-2.00	SI
1 Piso	P17	Bottom	B243-Wy- Loub	1.31	39.25	-1.47	SI
1 Piso	P17	Top	B244-Wx+ Loub	1.31	39.25	-4.01	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	1.31	39.25	-3.11	SI
1 Piso	P17	Top	B244-Wx- Loub	1.31	39.25	-4.01	SI
1 Piso	P17	Bottom	B244 Wx- Loub	1.31	39.25	-3.11	SI
1 Piso	P17	Top	B244-Wy+ Loub	1.31	39.25	-4.01	SI
1 Piso	P17	Bottom	B244-Wy+ Loub	1.31	39.25	-3.11	SI
1 Piso	P17	Top	B244-Wy- Loub	1.31	39.25	-4.01	SI
1 Piso	P17	Bottom	B244-Wy- Loub	1.31	39.25	-3.11	SI

STORY	MURO	LOC.	COMB	Asmr (m²)	ΦVn (ton)	V3u (ton)	Cumple
1 Piso	P17	Top	B245-Ex+	1.31	38.25	-4.10	SI
1 Piso	P17	Bottom	B245-Ex+	1.31	38.25	-3.14	SI
1 Piso	P17	Top	B245-Ex-	1.31	38.25	-3.94	SI
1 Piso	P17	Bottom	B245-Ex-	1.31	38.25	-3.11	SI
1 Piso	P17	Top	B245-Ey+	1.31	38.25	-4.00	SI
1 Piso	P17	Bottom	B245-Ey+	1.31	38.25	-3.12	SI
1 Piso	P17	Top	B245-Ey-	1.31	38.25	-4.0'	SI
1 Piso	P17	Bottom	B245-Ey-	1.31	38.25	-3.13	SI
1 Piso	P17	Top	B246-Wx+	1.31	38.25	1.50	SI
1 Piso	P17	Bottom	B246-Wx+	1.31	38.25	-1.11	SI
1 Piso	P17	Top	B246-Wx-	1.31	38.25	-1.50	SI
1 Piso	P17	Bottom	B246-Wx-	1.31	38.25	-1.1'	SI
1 Piso	P17	Top	B246-Wy+	1.31	38.25	-1.50	SI
1 Piso	P17	Bottom	B246-Wy+	1.31	38.25	-1.1'	SI
1 Piso	P17	Top	B246-Wy-	1.31	38.25	-1.50	SI
1 Piso	P17	Bottom	B246-Wy-	1.31	38.25	-1.1'	SI
1 Piso	P17	Top	B247 Ex+	1.31	38.25	-1.58	SI
1 Piso	P17	Bottom	B247-Ex+	1.31	38.25	-1.14	SI
1 Piso	P17	Top	B247-Ex-	1.31	38.25	-1.49	SI
1 Piso	P17	Bottom	B247-Ex-	1.31	38.25	-1.10	SI
1 Piso	P17	Top	B247-Ey+	1.31	38.25	1.52	SI
1 Piso	P17	Bottom	B247-Ey+	1.31	38.25	-1.1'	SI
1 Piso	P17	Top	B247-Ey-	1.31	38.25	-1.50	SI
1 Piso	P17	Bottom	B247-Ey-	1.31	38.25	-1.13	SI
1 Piso	P17	Top	B242 G	1.31	38.25	-5.22	SI
1 Piso	P17	Bottom	B242 G	1.31	38.25	-4.08	SI
1 Piso	P17	Top	B243-Wx- G	1.31	38.25	-1.98	SI
1 Piso	P17	Bottom	B243-Wx- G	1.31	38.25	-1.44	SI
1 Piso	P17	Top	B243-Wy- G	1.31	38.25	-1.98	SI
1 Piso	P17	Bottom	B243-Wy- G	1.31	38.25	-1.44	SI
1 Piso	P17	Top	B243-Wx+ G	1.31	38.25	-1.98	SI
1 Piso	P17	Bottom	B243-Wx+ G	1.31	38.25	-1.44	SI
1 Piso	P17	Top	B243-Wy+ G	1.31	38.25	-1.98	SI
1 Piso	P17	Bottom	B243-Wy+ G	1.31	38.25	-1.44	SI
1 Piso	P17	Top	B244-Wx- G	1.31	38.25	-4.0'	SI
1 Piso	P17	Bottom	B244-Wx- G	1.31	38.25	-3.10	SI
1 Piso	P17	Top	B244-Wx+ G	1.31	38.25	-4.0'	SI
1 Piso	P17	Bottom	B244-Wx+ G	1.31	38.25	-3.10	SI
1 Piso	P17	Top	B244-Wy- G	1.31	38.25	-4.0'	SI
1 Piso	P17	Bottom	B244-Wy- G	1.31	38.25	-3.10	SI
1 Piso	P17	Top	B244-Wy+ G	1.31	38.25	-4.0'	SI
1 Piso	P17	Bottom	B244-Wy+ G	1.31	38.25	-3.10	SI
1 Piso	P18	Top	B241	2.62	76.75	-2.98	SI
1 Piso	P18	Bottom	B241	2.62	76.75	-4.10	SI
1 Piso	P18	Top	B242 Loub	2.62	76.75	-5.57	SI
1 Piso	P18	Bottom	B242 Loub	2.62	76.75	-10.45	SI
1 Piso	P18	Top	B243-Wx+ Loub	2.62	76.75	-2.50	SI
1 Piso	P18	Bottom	B243-Wx+ Loub	2.62	76.75	-3.44	SI
1 Piso	P18	Top	B243-Wx- Loub	2.62	76.75	-2.50	SI
1 Piso	P18	Bottom	B243-Wx- Loub	2.62	76.75	-3.44	SI
1 Piso	P18	Top	B243-Wy+ Loub	2.62	76.75	-2.50	SI
1 Piso	P18	Bottom	B243-Wy+ Loub	2.62	76.75	-3.44	SI
1 Piso	P18	Top	B243-Wy- Loub	2.62	76.75	-2.50	SI
1 Piso	P18	Bottom	B243-Wy- Loub	2.62	76.75	-3.44	SI
1 Piso	P18	Top	B244-Wx+ Loub	2.62	76.75	-5.28	SI
1 Piso	P18	Bottom	B244-Wx+ Loub	2.62	76.75	-7.81	SI
1 Piso	P18	Top	B244-Wx- Loub	2.62	76.75	-5.28	SI
1 Piso	P18	Bottom	B244-Wx- Loub	2.62	76.75	-7.81	SI
1 Piso	P18	Top	B244-Wy+ Loub	2.62	76.75	-5.28	SI
1 Piso	P18	Bottom	B244-Wy+ Loub	2.62	76.75	-7.81	SI
1 Piso	P18	Top	B244-Wy- Loub	2.62	76.75	-5.28	SI
1 Piso	P18	Bottom	B244-Wy- Loub	2.62	76.75	-7.81	SI
1 Piso	P18	Top	B245 Ex+	2.62	76.75	-5.79	SI
1 Piso	P18	Bottom	B245-Ex+	2.62	76.75	-7.54	SI
1 Piso	P18	Top	B245-Ex-	2.62	76.75	-5.58	SI
1 Piso	P18	Bottom	B245-Ex-	2.62	76.75	-5.17	SI
1 Piso	P18	Top	B245-Ey+	2.62	76.75	-5.35	SI
1 Piso	P18	Bottom	B245-Ey+	2.62	76.75	-7.09	SI
1 Piso	P18	Top	B245-Ey-	2.62	76.75	-5.30	SI
1 Piso	P18	Bottom	B245-Ey-	2.62	76.75	-7.85	SI

STORY	MURO	LOC.	COMB	Anv (m²)	ΦVn (ton)	VSSu (ton)	Cumple
1 Piso	P18	Top	B246-Wx+	2.62	78.75	-1.89	SI
1 Piso	P18	Bottom	B246-Wx+	2.62	78.75	-2.60	SI
1 Piso	P18	Top	B246-Wx-	2.62	78.75	-1.89	SI
1 Piso	P18	Bottom	B246-Wx-	2.62	78.75	-2.60	SI
1 Piso	P18	Top	B246-Wy+	2.62	78.75	-1.86	SI
1 Piso	P18	Bottom	B246-Wy+	2.62	78.75	-2.60	SI
1 Piso	P18	Top	B246-Wy-	2.62	78.75	-1.89	SI
1 Piso	P18	Bottom	B246-Wy-	2.62	78.75	-2.60	SI
1 Piso	P18	Top	B247-Ex+	2.62	78.75	-1.30	SI
1 Piso	P18	Bottom	B247-Ex+	2.62	78.75	-2.32	SI
1 Piso	P18	Top	B247-Ex-	2.62	78.75	-2.45	SI
1 Piso	P18	Bottom	B247-Ex-	2.62	78.75	-2.85	SI
1 Piso	P18	Top	B247-Ey+	2.62	78.75	-1.95	SI
1 Piso	P18	Bottom	B247-Ey+	2.62	78.75	-2.64	SI
1 Piso	P18	Top	B247-Ey-	2.62	78.75	-1.60	SI
1 Piso	P18	Bottom	B247-Ey-	2.62	78.75	-2.63	SI
1 Piso	P18	Top	B242-G	2.62	78.75	-0.54	SI
1 Piso	P18	Bottom	B242-G	2.62	78.75	-10.42	SI
1 Piso	P18	Top	B243-Wx- G	2.62	78.75	-2.41	SI
1 Piso	P18	Bottom	B243-Wx- G	2.62	78.75	-3.35	SI
1 Piso	P18	Top	B243-Wx- G	2.62	78.75	-2.41	SI
1 Piso	P18	Bottom	B243-Wx- G	2.62	78.75	-3.35	SI
1 Piso	P18	Top	B243-Wx+ G	2.62	78.75	-2.41	SI
1 Piso	P18	Bottom	B243-Wx+ G	2.62	78.75	-3.35	SI
1 Piso	P18	Top	B243-Wx+ G	2.62	78.75	-2.41	SI
1 Piso	P18	Bottom	B243-Wx+ G	2.62	78.75	-3.35	SI
1 Piso	P18	Top	B244-Wx- G	2.62	78.75	-6.25	SI
1 Piso	P18	Bottom	B244-Wx- G	2.62	78.75	-7.78	SI
1 Piso	P18	Top	B244-Wx+ G	2.62	78.75	-6.25	SI
1 Piso	P18	Bottom	B244-Wx+ G	2.62	78.75	-7.78	SI
1 Piso	P18	Top	B244-Wx- G	2.62	78.75	-6.25	SI
1 Piso	P18	Bottom	B244-Wx- G	2.62	78.75	-7.78	SI
1 Piso	P18	Top	B244-Wx+ G	2.62	78.75	-6.25	SI
1 Piso	P18	Bottom	B244-Wx+ G	2.62	78.75	-7.70	SI
1 Piso	P21	Top	B241	1.37	40.00	-3.08	SI
1 Piso	P21	Bottom	B241	1.37	40.00	-2.12	SI
1 Piso	P21	Top	B242 Loub	1.37	40.00	-3.80	SI
1 Piso	P21	Bottom	B242 Loub	1.37	40.00	3.44	SI
1 Piso	P21	Top	B243-Wx+ Loub	1.37	40.00	-2.59	SI
1 Piso	P21	Bottom	B243-Wx+ Loub	1.37	40.00	-1.77	SI
1 Piso	P21	Top	B243-Wx- Loub	1.37	40.00	-2.59	SI
1 Piso	P21	Bottom	B243-Wx- Loub	1.37	40.00	-1.77	SI
1 Piso	P21	Top	B243-Wy+ Loub	1.37	40.00	-2.58	SI
1 Piso	P21	Bottom	B243-Wy+ Loub	1.37	40.00	-1.77	SI
1 Piso	P21	Top	B243-Wy- Loub	1.37	40.00	-2.58	SI
1 Piso	P21	Bottom	B243-Wy- Loub	1.37	40.00	-1.77	SI
1 Piso	P21	Top	B244-Wx+ Loub	1.37	40.00	-3.34	SI
1 Piso	P21	Bottom	B244-Wx+ Loub	1.37	40.00	-2.80	SI
1 Piso	P21	Top	B244 Wx- Loub	1.37	40.00	-3.34	SI
1 Piso	P21	Bottom	B244 Wx- Loub	1.37	40.00	-2.80	SI
1 Piso	P21	Top	B244-Wy+ Loub	1.37	40.00	-3.34	SI
1 Piso	P21	Bottom	B244-Wy+ Loub	1.37	40.00	-2.80	SI
1 Piso	P21	Top	B244-Wy- Loub	1.37	40.00	-3.34	SI
1 Piso	P21	Bottom	B244-Wy- Loub	1.37	40.00	-2.80	SI
1 Piso	P21	Top	B245-Ex+	1.37	40.00	-3.47	SI
1 Piso	P21	Bottom	B245 Ex+	1.37	40.00	-2.04	SI
1 Piso	P21	Top	B245-Ex-	1.37	40.00	-3.28	SI
1 Piso	P21	Bottom	B245-Ex-	1.37	40.00	-2.69	SI
1 Piso	P21	Top	B245-Ey+	1.37	40.00	-3.35	SI
1 Piso	P21	Bottom	B245-Ey+	1.37	40.00	-2.84	SI
1 Piso	P21	Top	B245-Ey	1.37	40.00	-3.38	SI
1 Piso	P21	Bottom	B245-Ey	1.37	40.00	-2.83	SI
1 Piso	P21	Top	B246-Wx+	1.37	40.00	-1.95	SI
1 Piso	P21	Bottom	B246-Wx+	1.37	40.00	-1.34	SI
1 Piso	P21	Top	B246-Wx-	1.37	40.00	-1.95	SI
1 Piso	P21	Bottom	B246 Wx-	1.37	40.00	-1.34	SI
1 Piso	P21	Top	B246 Wy+	1.37	40.00	-1.95	SI
1 Piso	P21	Bottom	B246-Wy+	1.37	40.00	-1.34	SI
1 Piso	P21	Top	B246-Wy-	1.37	40.00	-1.95	SI
1 Piso	P21	Bottom	B246-Wy-	1.37	40.00	-1.34	SI

STORY	MURO	LOC.	COMB	Amr(m²)	ΦVn(ton)	VUSu (ton)	Cumple
1 Piso	P21	Top	B247-Ex+	1.37	40.00	-2.07	SI
1 Piso	P21	Bottom	B247-Ex+	1.37	40.00	1.37	SI
1 Piso	P21	Top	B247-Ex-	1.37	40.00	-1.86	SI
1 Piso	P21	Bottom	B247-Ex-	1.37	40.00	-1.35	SI
1 Piso	P21	Top	B247-Ey+	1.37	40.00	-1.96	SI
1 Piso	P21	Bottom	B247-Ey+	1.37	40.00	-1.37	SI
1 Piso	P21	Top	B247-Ey-	1.37	40.00	-2.00	SI
1 Piso	P21	Bottom	B247-Ey-	1.37	40.00	-1.36	SI
1 Piso	P21	Top	B248-G	1.37	40.00	-3.78	SI
1 Piso	P21	Bottom	B248-G	1.37	40.00	-3.42	SI
1 Piso	P21	Top	B243-Wx- G	1.37	40.00	-2.50	SI
1 Piso	P21	Bottom	B243-Wx- G	1.37	40.00	1.71	SI
1 Piso	P21	Top	B243-Wy- G	1.37	40.00	-2.53	SI
1 Piso	P21	Bottom	B243-Wy- G	1.37	40.00	-1.71	SI
1 Piso	P21	Top	B243-Wx+ G	1.37	40.00	-2.53	SI
1 Piso	P21	Bottom	B243-Wx+ G	1.37	40.00	-1.71	SI
1 Piso	P21	Top	B243-Wy+ G	1.37	40.00	-2.53	SI
1 Piso	P21	Bottom	B243-Wy+ G	1.37	40.00	1.71	SI
1 Piso	P21	Top	B244-Wx- G	1.37	40.00	-3.32	SI
1 Piso	P21	Bottom	B244-Wx- G	1.37	40.00	-2.78	SI
1 Piso	P21	Top	B244-Wx+ G	1.37	40.00	-3.32	SI
1 Piso	P21	Bottom	B244-Wx+ G	1.37	40.00	-2.78	SI
1 Piso	P21	Top	B244-Wy- G	1.37	40.00	-3.32	SI
1 Piso	P21	Bottom	B244-Wy- G	1.37	40.00	-2.78	SI
1 Piso	P21	Top	B244-Wy+ G	1.37	40.00	-3.32	SI
1 Piso	P21	Bottom	B244-Wy+ G	1.37	40.00	-2.78	SI
1 Piso	P22	Top	B241	0.80	23.30	-0.21	SI
1 Piso	P22	Bottom	B241	0.80	23.30	0.05	SI
1 Piso	P22	Top	B242 Loub	0.80	23.30	-0.38	SI
1 Piso	P22	Bottom	B242 Loub	0.80	23.30	0.09	SI
1 Piso	P22	Top	B243-Wx+ Loub	0.80	23.30	-0.16	SI
1 Piso	P22	Bottom	B243-Wx+ Loub	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wx- Loub	0.80	23.30	-0.16	SI
1 Piso	P22	Bottom	B243-Wx- Loub	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wy+ Loub	0.80	23.30	-0.15	SI
1 Piso	P22	Bottom	B243-Wy+ Loub	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wy- Loub	0.80	23.30	-0.16	SI
1 Piso	P22	Bottom	B243-Wy- Loub	0.80	23.30	0.04	SI
1 Piso	P22	Top	B244-Wx+ Loub	0.80	23.30	-0.28	SI
1 Piso	P22	Bottom	B244-Wx+ Loub	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wx- Loub	0.80	23.30	-0.28	SI
1 Piso	P22	Bottom	B244-Wx- Loub	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wy+ Loub	0.80	23.30	-0.28	SI
1 Piso	P22	Bottom	B244-Wy+ Loub	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wy- Loub	0.80	23.30	-0.28	SI
1 Piso	P22	Bottom	B244-Wy- Loub	0.80	23.30	0.07	SI
1 Piso	P22	Top	B245-Ex+	0.80	23.30	0.49	SI
1 Piso	P22	Bottom	B245-Ex+	0.80	23.30	0.20	SI
1 Piso	P22	Top	B245-Ex-	0.80	23.30	-0.17	SI
1 Piso	P22	Bottom	B245-Ex-	0.80	23.30	-0.06	SI
1 Piso	P22	Top	B245-Ey+	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B245 Ey+	0.80	23.30	0.07	SI
1 Piso	P22	Top	B245-Ey-	0.80	23.30	-0.33	SI
1 Piso	P22	Bottom	B245-Ey-	0.80	23.30	0.08	SI
1 Piso	P22	Top	B246-Wx+	0.80	23.30	-0.12	SI
1 Piso	P22	Bottom	B248-Wx+	0.80	23.30	0.03	SI
1 Piso	P22	Top	B248-Wx-	0.80	23.30	-0.12	SI
1 Piso	P22	Bottom	B246-Wx-	0.80	23.30	0.03	SI
1 Piso	P22	Top	B246-Wy+	0.80	23.30	-0.12	SI
1 Piso	P22	Bottom	B246-Wy+	0.80	23.30	0.03	SI
1 Piso	P22	Top	B246-Wy-	0.80	23.30	-0.12	SI
1 Piso	P22	Bottom	B246-Wy-	0.80	23.30	0.03	SI
1 Piso	P22	Top	B247 Ex+	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B247-Ex+	0.80	23.30	0.16	SI
1 Piso	P22	Top	B247-Ex-	0.80	23.30	-0.01	SI
1 Piso	P22	Bottom	B247-Ex-	0.80	23.30	-0.19	SI
1 Piso	P22	Top	B247-Ey+	0.80	23.30	-0.11	SI
1 Piso	P22	Bottom	B247-Ey+	0.80	23.30	0.09	SI
1 Piso	P22	Top	B247-Ey-	0.80	23.30	-0.18	SI
1 Piso	P22	Bottom	B247-Ey-	0.80	23.30	0.04	SI

STORY	MURO	LOC.	COMB	Area (m²)	ΦVn (ton)	VJSu (ton)	Cumple
1 Piso	P22	Top	B242 G	0.80	23.30	-0.36	SI
1 Piso	P22	Bottom	B242 G	0.80	23.30	0.09	SI
1 Piso	P22	Top	B243-Wx- G	0.80	23.30	-0.13	SI
1 Piso	P22	Bottom	B243-Wx- G	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wy- G	0.80	23.30	-0.13	SI
1 Piso	P22	Bottom	B243-Wy- G	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wx+ G	0.80	23.30	-0.13	SI
1 Piso	P22	Bottom	B243-Wx+ G	0.80	23.30	0.04	SI
1 Piso	P22	Top	B243-Wy+ G	0.80	23.30	-0.13	SI
1 Piso	P22	Bottom	B243-Wy+ G	0.80	23.30	0.04	SI
1 Piso	P22	Top	B244-Wx- G	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B244-Wx- G	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wx+ G	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B244-Wx+ G	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wy- G	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B244-Wy- G	0.80	23.30	0.07	SI
1 Piso	P22	Top	B244-Wy+ G	0.80	23.30	-0.27	SI
1 Piso	P22	Bottom	B244-Wy+ G	0.80	23.30	0.07	SI
1 Piso	P29	Top	B241	1.57	46.12	6.28	SI
1 Piso	P29	Bottom	B241	1.57	46.12	0.24	SI
1 Piso	P29	Top	B242 Loub	1.57	46.12	14.19	SI
1 Piso	P29	Bottom	B242 Loub	1.57	46.12	0.01	SI
1 Piso	P29	Top	B243-Wx+ Loub	1.57	46.12	7.15	SI
1 Piso	P29	Bottom	B243-Wx+ Loub	1.57	46.12	0.18	SI
1 Piso	P29	Top	B243 Wx- Loub	1.57	46.12	7.15	SI
1 Piso	P29	Bottom	B243-Wx- Loub	1.57	46.12	0.19	SI
1 Piso	P29	Top	B243-Wy+ Loub	1.57	46.12	7.15	SI
1 Piso	P29	Bottom	B243-Wy+ Loub	1.57	46.12	0.19	SI
1 Piso	P29	Top	B243-Wy- Loub	1.57	46.12	7.15	SI
1 Piso	P29	Bottom	B243-Wy- Loub	1.57	46.12	0.19	SI
1 Piso	P29	Top	B244 Wx+ Loub	1.57	46.12	11.56	SI
1 Piso	P29	Bottom	B244-Wx+ Loub	1.57	46.12	0.08	SI
1 Piso	P29	Top	B244-Wx- Loub	1.57	46.12	11.56	SI
1 Piso	P29	Bottom	B244-Wx- Loub	1.57	46.12	0.08	SI
1 Piso	P29	Top	B244-Wy+ Loub	1.57	46.12	11.56	SI
1 Piso	P29	Bottom	B244-Wy+ Loub	1.57	46.12	0.09	SI
1 Piso	P29	Top	B244-Wy- Loub	1.57	46.12	11.56	SI
1 Piso	P29	Bottom	B244-Wy- Loub	1.57	46.12	0.08	SI
1 Piso	P29	Top	B245-Ex+	1.57	46.12	11.07	SI
1 Piso	P29	Bottom	B245-Ex+	1.57	46.12	0.07	SI
1 Piso	P29	Top	B245-Ex-	1.57	46.12	11.99	SI
1 Piso	P29	Bottom	B245-Ex-	1.57	46.12	0.10	SI
1 Piso	P29	Top	B245-Ey+	1.57	46.12	11.82	SI
1 Piso	P29	Bottom	B245-Ey+	1.57	46.12	0.12	SI
1 Piso	P29	Top	B245-Ey-	1.57	46.12	11.23	SI
1 Piso	P29	Bottom	B245-Ey-	1.57	46.12	0.09	SI
1 Piso	P29	Top	B246-Wx+	1.57	46.12	5.36	SI
1 Piso	P29	Bottom	B246 Wx+	1.57	46.12	0.15	SI
1 Piso	P29	Top	B246-Wx	1.57	46.12	5.36	SI
1 Piso	P29	Bottom	B246 Wx	1.57	46.12	0.15	SI
1 Piso	P29	Top	B246-Wy+	1.57	46.12	5.36	SI
1 Piso	P29	Bottom	B246-Wy+	1.57	46.12	0.15	SI
1 Piso	P29	Top	B246-Wy-	1.57	46.12	5.36	SI
1 Piso	P29	Bottom	B246-Wy-	1.57	46.12	0.15	SI
1 Piso	P29	Top	B247-Ex+	1.57	46.12	4.87	SI
1 Piso	P29	Bottom	B247-Ex+	1.57	46.12	0.14	SI
1 Piso	P29	Top	B247-Ex-	1.57	46.12	5.79	SI
1 Piso	P29	Bottom	B247-Ex-	1.57	46.12	0.17	SI
1 Piso	P29	Top	B247 Ey+	1.57	46.12	5.63	SI
1 Piso	P29	Bottom	B247-Ey+	1.57	46.12	0.18	SI
1 Piso	P29	Top	B247-Ey-	1.57	46.12	5.04	SI
1 Piso	P29	Bottom	B247-Ey-	1.57	46.12	0.12	SI
1 Piso	P29	Top	B242 G	1.57	46.12	14.21	SI
1 Piso	P29	Bottom	B242 G	1.57	46.12	0.01	SI
1 Piso	P29	Top	B243-Wx- G	1.57	46.12	7.22	SI
1 Piso	P29	Bottom	B243-Wx- G	1.57	46.12	0.17	SI
1 Piso	P29	Top	B243-Wy- G	1.57	46.12	7.22	SI
1 Piso	P29	Bottom	B243-Wy- G	1.57	46.12	0.17	SI
1 Piso	P29	Top	B243-Wx+ G	1.57	46.12	7.22	SI
1 Piso	P29	Bottom	B243-Wx+ G	1.57	46.12	0.17	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amv(m²)	øVn(ton)	V33u (ton)	Cumple
1 Piso	P29	Top	B243-Wy+ G	1.57	46.12	7.22	SI
1 Piso	P29	Bottom	B243-Wy+ G	1.57	46.12	0.17	SI
1 Piso	P29	Top	B244-Wx- G	1.57	46.12	11.58	SI
1 Piso	P29	Bottom	B244-Wx- G	1.57	46.12	0.07	SI
1 Piso	P29	Top	B244-Wx+ G	1.57	46.12	11.58	SI
1 Piso	P29	Bottom	B244-Wx+ G	1.57	46.12	0.07	SI
1 Piso	P29	Top	B244-Wy- G	1.57	46.12	11.58	SI
1 Piso	P29	Bottom	B244-Wy- G	1.57	46.12	0.07	SI
1 Piso	P29	Top	B244-Wy+ G	1.57	46.12	11.58	SI
1 Piso	P29	Bottom	B244-Wy+ G	1.57	46.12	0.07	SI
1 Piso	P30	Top	B241	0.53	15.51	3.73	SI
1 Piso	P30	Bottom	B241	0.53	15.51	0.19	SI
1 Piso	P30	Top	B242 Loub	0.53	15.51	3.98	SI
1 Piso	P30	Bottom	B242 Loub	0.53	15.51	0.20	SI
1 Piso	P30	Top	B243-Wx+ Loub	0.53	15.51	3.16	SI
1 Piso	P30	Bottom	B243-Wx- Loub	0.53	15.51	0.17	SI
1 Piso	P30	Top	B243-Wx- Loub	0.53	15.51	3.16	SI
1 Piso	P30	Bottom	B243-Wx- Loub	0.53	15.51	0.17	SI
1 Piso	P30	Top	B243-Wy+ Loub	0.53	15.51	3.16	SI
1 Piso	P30	Bottom	B243-Wy+ Loub	0.53	15.51	0.17	SI
1 Piso	P30	Top	B243-Wy- Loub	0.53	15.51	3.16	SI
1 Piso	P30	Bottom	B243-Wy- Loub	0.53	15.51	0.17	SI
1 Piso	P30	Top	B244-Wx+ Loub	0.53	15.51	3.66	SI
1 Piso	P30	Bottom	B244-Wx+ Loub	0.53	15.51	0.21	SI
1 Piso	P30	Top	B244-Wx- Loub	0.53	15.51	3.66	SI
1 Piso	P30	Bottom	B244-Wx- Loub	0.53	15.51	0.21	SI
1 Piso	P30	Top	B244-Wy+ Loub	0.53	15.51	3.66	SI
1 Piso	P30	Bottom	B244-Wy+ Loub	0.53	15.51	0.21	SI
1 Piso	P30	Top	B244-Wy- Loub	0.53	15.51	3.66	SI
1 Piso	P30	Bottom	B244-Wy- Loub	0.53	15.51	0.21	SI
1 Piso	P30	Top	B245-Ex+	0.53	15.51	4.14	SI
1 Piso	P30	Bottom	B245-Ex+	0.53	15.51	0.19	SI
1 Piso	P30	Top	B245-Ex-	0.53	15.51	3.25	SI
1 Piso	P30	Bottom	B245-Ex-	0.53	15.51	0.22	SI
1 Piso	P30	Top	B245-Ey+	0.53	15.51	3.66	SI
1 Piso	P30	Bottom	B245-Ey+	0.53	15.51	0.18	SI
1 Piso	P30	Top	B245-Ey-	0.53	15.51	3.41	SI
1 Piso	P30	Bottom	B245-Ey-	0.53	15.51	0.25	SI
1 Piso	P30	Top	B246-Wx+	0.53	15.51	2.38	SI
1 Piso	P30	Bottom	B246-Wx+	0.53	15.51	0.13	SI
1 Piso	P30	Top	B246-Wx-	0.53	15.51	2.38	SI
1 Piso	P30	Bottom	B246-Wx-	0.53	15.51	0.13	SI
1 Piso	P30	Top	B246-Wy+	0.53	15.51	2.38	SI
1 Piso	P30	Bottom	B246-Wy+	0.53	15.51	0.13	SI
1 Piso	P30	Top	B246-Wy-	0.53	15.51	2.38	SI
1 Piso	P30	Bottom	B246-Wy-	0.53	15.51	0.13	SI
1 Piso	P30	Top	B247-Ex+	0.53	15.51	2.04	SI
1 Piso	P30	Bottom	B247-Ex+	0.53	15.51	0.11	SI
1 Piso	P30	Top	B247-Ex-	0.53	15.51	1.96	SI
1 Piso	P30	Bottom	B247-Ex-	0.53	15.51	0.14	SI
1 Piso	P30	Top	B247-Ey+	0.53	15.51	2.68	SI
1 Piso	P30	Bottom	B247-Ey+	0.53	15.51	0.10	SI
1 Piso	P30	Top	B247-Ey-	0.53	15.51	2.31	SI
1 Piso	P30	Bottom	B247-Ey-	0.53	15.51	0.15	SI
1 Piso	P30	Top	B242 G	0.53	15.51	3.96	SI
1 Piso	P30	Bottom	B242 G	0.53	15.51	0.23	SI
1 Piso	P30	Top	B243-Wx- G	0.53	15.51	3.10	SI
1 Piso	P30	Bottom	B243-Wx- G	0.53	15.51	0.18	SI
1 Piso	P30	Top	B243-Wy- G	0.53	15.51	3.10	SI
1 Piso	P30	Bottom	B243-Wy- G	0.53	15.51	0.18	SI
1 Piso	P30	Top	B243-Wx+ G	0.53	15.51	3.10	SI
1 Piso	P30	Bottom	B243-Wx+ G	0.53	15.51	0.18	SI
1 Piso	P30	Top	B243-Wy+ G	0.53	15.51	3.10	SI
1 Piso	P30	Bottom	B243-Wy+ G	0.53	15.51	0.18	SI
1 Piso	P30	Top	B244-Wx- G	0.53	15.51	3.64	SI
1 Piso	P30	Bottom	B244-Wx- G	0.53	15.51	0.21	SI
1 Piso	P30	Top	B244-Wx+ G	0.53	15.51	3.64	SI
1 Piso	P30	Bottom	B244-Wx+ G	0.53	15.51	0.21	SI
1 Piso	P30	Top	B244-Wy- G	0.53	15.51	3.64	SI
1 Piso	P30	Bottom	B244-Wy- G	0.53	15.51	0.21	SI

STORY	MURO	LOC.	COMB	Amur(m²)	ΦVn (ton)	V33u (ton)	Cumple
1 Piso	P30	Top	B244-Wy+ G	0.53	15.51	3.64	SI
1 Piso	P30	Bottom	B244-Wy+ G	0.53	15.51	0.21	SI
1 Piso	P31	Top	B241	0.53	15.51	11.85	SI
1 Piso	P31	Bottom	B241	0.53	15.51	0.40	SI
1 Piso	P31	Top	B242 Lcub	0.53	15.51	15.16	SI
1 Piso	P31	Bottom	B242 Lcub	0.53	15.51	-0.69	SI
1 Piso	P31	Top	B243-Wx+ Lcub	0.53	15.51	10.19	SI
1 Piso	P31	Bottom	B243-Wx+ Lcub	0.53	15.51	-0.36	SI
1 Piso	P31	Top	B243-Wx- Lcub	0.53	15.51	10.19	SI
1 Piso	P31	Bottom	B243-Wx- Lcub	0.53	15.51	-0.36	SI
1 Piso	P31	Top	B243-Wy+ Lcub	0.53	15.51	10.19	SI
1 Piso	P31	Bottom	B243-Wy+ Lcub	0.53	15.51	-0.36	SI
1 Piso	P31	Top	B243-Wy- Lcub	0.53	15.51	10.19	SI
1 Piso	P31	Bottom	B243-Wy- Lcub	0.53	15.51	0.36	SI
1 Piso	P31	Top	B244-Wx+ Lcub	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wx+ Lcub	0.53	15.51	-0.57	SI
1 Piso	P31	Top	B244-Wx- Lcub	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wx- Lcub	0.53	15.51	-0.57	SI
1 Piso	P31	Top	B244-Wy+ Lcub	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wy+ Lcub	0.53	15.51	-0.57	SI
1 Piso	P31	Top	B244-Wy- Lcub	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wy- Lcub	0.53	15.51	-0.57	SI
1 Piso	P31	Top	B245-Ex+	0.53	15.51	15.44	SI
1 Piso	P31	Bottom	B245-Ex+	0.53	15.51	-0.55	SI
1 Piso	P31	Top	B245-Ex-	0.53	15.51	14.87	SI
1 Piso	P31	Bottom	B245-Ex-	0.53	15.51	-0.57	SI
1 Piso	P31	Top	B245-Ey+	0.53	15.51	06.60	SI
1 Piso	P31	Bottom	B245-Cyr	0.53	15.51	-0.54	SI
1 Piso	P31	Top	B245-Fy-	0.53	15.51	14.81	SI
1 Piso	P31	Bottom	B245-Ey-	0.53	15.51	-0.58	SI
1 Piso	P31	Top	B246-Wx+	0.53	15.51	7.83	SI
1 Piso	P31	Bottom	B246-Wx+	0.53	15.51	-0.27	SI
1 Piso	P31	Top	B246-Wx-	0.53	15.51	7.83	SI
1 Piso	P31	Bottom	B246-Wx-	0.53	15.51	-0.27	SI
1 Piso	P31	Top	B246-Wy+	0.53	15.51	7.83	SI
1 Piso	P31	Bottom	B246-Wy+	0.53	15.51	-0.27	SI
1 Piso	P31	Top	B246-Wy-	0.53	15.51	7.83	SI
1 Piso	P31	Bottom	B246-Wy-	0.53	15.51	-0.27	SI
1 Piso	P31	Top	B247-Ex+	0.53	15.51	7.90	SI
1 Piso	P31	Bottom	B247-Ex+	0.53	15.51	-0.24	SI
1 Piso	P31	Top	B247 Ex-	0.53	15.51	7.83	SI
1 Piso	P31	Bottom	B247-Ex-	0.53	15.51	-0.27	SI
1 Piso	P31	Top	B247-Ey+	0.53	15.51	7.90	SI
1 Piso	P31	Bottom	B247-Ey+	0.53	15.51	-0.24	SI
1 Piso	P31	Top	B247-Cy-	0.53	15.51	7.26	SI
1 Piso	P31	Bottom	B247-Ey-	0.53	15.51	-0.28	SI
1 Piso	P31	Top	B242 G	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B242 G	0.53	15.51	-0.72	SI
1 Piso	P31	Top	B243-Wx- G	0.53	15.51	10.23	SI
1 Piso	P31	Bottom	B243-Wx- G	0.53	15.51	-0.38	SI
1 Piso	P31	Top	B243-Wy- G	0.53	15.51	10.23	SI
1 Piso	P31	Bottom	B243-Wy- G	0.53	15.51	-0.38	SI
1 Piso	P31	Top	B243 Wx+ G	0.53	15.51	10.23	SI
1 Piso	P31	Bottom	B243-Wx+ G	0.53	15.51	0.38	SI
1 Piso	P31	Top	B243-Wy- G	0.53	15.51	10.23	SI
1 Piso	P31	Bottom	B243-Wy+ G	0.53	15.51	-0.38	SI
1 Piso	P31	Top	B244-Wx- G	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wx- G	0.53	15.51	-0.58	SI
1 Piso	P31	Top	B244-Wx+ G	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wx+ G	0.53	15.51	-0.56	SI
1 Piso	P31	Top	B244-Wy- G	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wy- G	0.53	15.51	-0.58	SI
1 Piso	P31	Top	B244-Wy+ G	0.53	15.51	15.18	SI
1 Piso	P31	Bottom	B244-Wy+ G	0.53	15.51	-0.58	SI
1 Piso	P33	Top	B241	0.43	12.84	-8.07	SI
1 Piso	P33	Bottom	B241	0.43	12.84	0.39	SI
1 Piso	P33	Top	B242 Lcub	0.43	12.84	-10.95	SI
1 Piso	P33	Bottom	B242 Lcub	0.43	12.84	0.53	SI
1 Piso	P33	Top	B243-Wx+ Lcub	0.43	12.84	-7.44	SI
1 Piso	P33	Bottom	B243-Wx+ Lcub	0.43	12.84	0.35	SI

STORY	MURO	LOC.	COMB	Amr (m²)	ΦVn (ton)	V3Ju (ton)	Cumple
1 Piso	P33	Top	B243-Wx- Loub	0.43	12.64	-7.44	SI
1 Piso	P33	Bottom	B243-Wx- Loub	0.43	12.64	0.35	SI
1 Piso	P33	Top	B243-Wy+ Loub	0.43	12.64	7.44	SI
1 Piso	P33	Bottom	B243-Wy+ Loub	0.43	12.64	0.38	SI
1 Piso	P33	Top	B243-Wy- Loub	0.43	12.64	-7.44	SI
1 Piso	P33	Bottom	B243-Wy- Loub	0.43	12.64	0.35	SI
1 Piso	P33	Top	B244-Wx+ Loub	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wx+ Loub	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wx- Loub	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wx- Loub	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wy+ Loub	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wy+ Loub	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wy- Loub	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wy- Loub	0.43	12.64	0.47	SI
1 Piso	P33	Top	B245-Ex+	0.43	12.64	-9.55	SI
1 Piso	P33	Bottom	B245-Ex+	0.43	12.64	0.45	SI
1 Piso	P33	Top	B245-Ex-	0.43	12.64	-9.71	SI
1 Piso	P33	Bottom	B245-Ex-	0.43	12.64	0.45	SI
1 Piso	P33	Top	B245-Ey+	0.43	12.64	-9.16	SI
1 Piso	P33	Bottom	B245-Ey+	0.43	12.64	0.47	SI
1 Piso	P33	Top	B245-Ey-	0.43	12.64	-10.10	SI
1 Piso	P33	Bottom	B245-Ey-	0.43	12.64	0.44	SI
1 Piso	P33	Top	B246 Wx+	0.43	12.64	-5.59	SI
1 Piso	P33	Bottom	B246 Wx+	0.43	12.64	0.26	SI
1 Piso	P33	Top	B246-Wx-	0.43	12.64	5.58	SI
1 Piso	P33	Bottom	B246-Wx-	0.43	12.64	0.25	SI
1 Piso	P33	Top	B246-Wy+	0.43	12.64	-6.56	SI
1 Piso	P33	Bottom	B246-Wy+	0.43	12.64	0.26	SI
1 Piso	P33	Top	B246-Wy-	0.43	12.64	6.58	SI
1 Piso	P33	Bottom	B246-Wy-	0.43	12.64	0.26	SI
1 Piso	P33	Top	B247-Ex+	0.43	12.64	-5.49	SI
1 Piso	P33	Bottom	B247-Ex+	0.43	12.64	0.20	SI
1 Piso	P33	Top	B247-Ex-	0.43	12.64	-9.66	SI
1 Piso	P33	Bottom	B247-Ex-	0.43	12.64	0.25	SI
1 Piso	P33	Top	B247-Ey+	0.43	12.64	-6.71	SI
1 Piso	P33	Bottom	B247-Ey+	0.43	12.64	0.27	SI
1 Piso	P33	Top	B247-Ey-	0.43	12.64	-6.04	SI
1 Piso	P33	Bottom	B247-Ey-	0.43	12.64	0.24	SI
1 Piso	P33	Top	B242 G	0.43	12.64	-10.85	SI
1 Piso	P33	Bottom	B242 G	0.43	12.64	0.54	SI
1 Piso	P33	Top	B243-Wx- G	0.43	12.64	7.45	SI
1 Piso	P33	Bottom	B243-Wx- G	0.43	12.64	0.38	SI
1 Piso	P33	Top	B243-Wy- G	0.43	12.64	-7.45	SI
1 Piso	P33	Bottom	B243-Wy- G	0.43	12.64	0.36	SI
1 Piso	P33	Top	B243-Wx+ G	0.43	12.64	-7.45	SI
1 Piso	P33	Bottom	B243-Wx+ G	0.43	12.64	0.36	SI
1 Piso	P33	Top	B243-Wy+ G	0.43	12.64	-7.45	SI
1 Piso	P33	Bottom	B243-Wy+ G	0.43	12.64	0.38	SI
1 Piso	P33	Top	B244-Wx- G	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wx- G	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wx+ G	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wx+ G	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wy- G	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wy- G	0.43	12.64	0.47	SI
1 Piso	P33	Top	B244-Wy+ G	0.43	12.64	-9.84	SI
1 Piso	P33	Bottom	B244-Wy+ G	0.43	12.84	0.47	SI
1 Piso	P34	Top	B241	2.31	67.62	-1.34	SI
1 Piso	P34	Bottom	B241	2.31	67.62	-0.81	SI
1 Piso	P34	Top	B242 Loub	2.31	67.62	-0.90	SI
1 Piso	P34	Bottom	B242 Loub	2.31	67.62	-0.76	SI
1 Piso	P34	Top	B243-Wx+ Loub	2.31	67.62	-0.95	SI
1 Piso	P34	Bottom	B243-Wx+ Loub	2.31	67.62	-0.67	SI
1 Piso	P34	Top	B243-Wx- Loub	2.31	67.62	-0.96	SI
1 Piso	P34	Bottom	B243-Wx- Loub	2.31	67.62	-0.67	SI
1 Piso	P34	Top	B243-Wy+ Loub	2.31	67.62	-0.96	SI
1 Piso	P34	Bottom	B243-Wy+ Loub	2.31	67.62	-0.67	SI
1 Piso	P34	Top	B243-Wy- Loub	2.31	67.62	-0.96	SI
1 Piso	P34	Bottom	B243 Wy- Loub	2.31	67.62	-0.67	SI
1 Piso	P34	Top	B244-Wx+ Loub	2.31	67.62	-0.83	SI
1 Piso	P34	Bottom	B244-Wx+ Loub	2.31	67.62	-0.72	SI

STORY	MURO	LOC.	COMB	Amv (m^2)	dVa (ton)	V3Du (ton)	Cumple
1 Piso	P34	Top	B244-Wx- Loub	2.31	67.62	-0.89	SI
1 Piso	P34	Bottom	B244-Wx- Loub	2.31	67.62	-0.72	SI
1 Piso	P34	Top	B244-Wy+ Loub	2.31	67.62	-0.89	SI
1 Piso	P34	Bottom	B244-Wy+ Loub	2.31	67.62	-0.72	SI
1 Piso	P34	Top	B244-Wy- Loub	2.31	67.62	-0.89	SI
1 Piso	P34	Bottom	B244-Wy- Loub	2.31	67.62	-0.72	SI
1 Piso	P34	Top	B245-Ex+	2.31	67.62	-0.78	SI
1 Piso	P34	Bottom	B245-Ex+	2.31	67.62	-0.65	SI
1 Piso	P34	Top	B245-Ex-	2.31	67.62	-1.14	SI
1 Piso	P34	Bottom	B245-Ex-	2.31	67.62	-0.61	SI
1 Piso	P34	Top	B245-Ey+	2.31	67.62	-2.12	SI
1 Piso	P34	Bottom	B245-Ey+	2.31	67.62	-0.84	SI
1 Piso	P34	Top	B245-Ey-	2.31	67.62	0.21	SI
1 Piso	P34	Bottom	B245-Ey-	2.31	67.62	-0.64	SI
1 Piso	P34	Top	B246-Wx+	2.31	67.62	-0.77	SI
1 Piso	P34	Bottom	B246-Wx+	2.31	67.62	-0.51	SI
1 Piso	P34	Top	B246-Wx-	2.31	67.62	-0.77	SI
1 Piso	P34	Bottom	B246-Wx-	2.31	67.62	0.51	SI
1 Piso	P34	Top	B246-Wy+	2.31	67.62	-0.77	SI
1 Piso	P34	Bottom	B246-Wy+	2.31	67.62	-0.51	SI
1 Piso	P34	Top	B246-Wy-	2.31	67.62	-0.77	SI
1 Piso	P34	Bottom	B246-Wy-	2.31	67.62	-0.51	SI
1 Piso	P34	Top	B247-Ex+	2.31	67.62	-0.68	SI
1 Piso	P34	Bottom	B247-Ex+	2.31	67.62	-0.43	SI
1 Piso	P34	Top	B247-Ex-	2.31	67.62	-1.04	SI
1 Piso	P34	Bottom	B247-Ex-	2.31	67.62	-0.61	SI
1 Piso	P34	Top	B247-Ey+	2.31	67.62	-2.03	SI
1 Piso	P34	Bottom	B247-Ey+	2.31	67.62	-0.67	SI
1 Piso	P34	Top	B247-Ey-	2.31	67.62	0.30	SI
1 Piso	P34	Bottom	B247-Ey-	2.31	67.62	0.42	SI
1 Piso	P34	Top	B242 G	2.31	67.62	-0.73	SI
1 Piso	P34	Bottom	B242 G	2.31	67.62	-0.75	SI
1 Piso	P34	Top	B243-Wx- G	2.31	67.62	-0.74	SI
1 Piso	P34	Bottom	B243-Wx- G	2.31	67.62	0.63	SI
1 Piso	P34	Top	B243-Wx- G	2.31	67.62	-0.74	SI
1 Piso	P34	Bottom	B243-Wx- G	2.31	67.62	-0.63	SI
1 Piso	P34	Top	B243-Wx+ G	2.31	67.62	-0.74	SI
1 Piso	P34	Bottom	B243-Wx+ G	2.31	67.62	-0.63	SI
1 Piso	P34	Top	B243-Wy+ G	2.31	67.62	-0.74	SI
1 Piso	P34	Bottom	B243-Wy+ G	2.31	67.62	0.63	SI
1 Piso	P34	Top	B244-Wx- G	2.31	67.62	-0.75	SI
1 Piso	P34	Bottom	B244-Wx- G	2.31	67.62	-0.71	SI
1 Piso	P34	Top	B244-Wx+ G	2.31	67.62	-0.75	SI
1 Piso	P34	Bottom	B244-Wx+ G	2.31	67.62	-0.71	SI
1 Piso	P34	Top	B244-Wy- G	2.31	67.62	-0.75	SI
1 Piso	P34	Bottom	B244-Wy- G	2.31	67.62	-0.71	SI
1 Piso	P34	Top	B244-Wy+ G	2.31	67.62	-0.75	SI
1 Piso	P34	Bottom	B244-Wy+ G	2.31	67.62	-0.71	SI
1 Piso	P37	Top	B241	0.46	13.46	-7.01	SI
1 Piso	P37	Bottom	B241	0.46	13.46	0.50	SI
1 Piso	P37	Top	B242 Loub	0.46	13.46	-9.25	SI
1 Piso	P37	Bottom	B242 Loub	0.46	13.46	0.85	SI
1 Piso	P37	Top	B243-Wx+ Loub	0.46	13.46	-8.04	SI
1 Piso	P37	Bottom	B243-Wx+ Loub	0.46	13.46	0.50	SI
1 Piso	P37	Top	B243-Wx- Loub	0.46	13.46	-8.04	SI
1 Piso	P37	Bottom	B243-Wx- Loub	0.46	13.46	0.50	SI
1 Piso	P37	Top	B243-Wy+ Loub	0.46	13.46	-8.04	SI
1 Piso	P37	Bottom	B243-Wy+ Loub	0.46	13.46	0.50	SI
1 Piso	P37	Top	B243-Wy- Loub	0.46	13.46	-8.04	SI
1 Piso	P37	Bottom	B243-Wy- Loub	0.46	13.46	0.50	SI
1 Piso	P37	Top	B244-Wx+ Loub	0.46	13.46	-8.05	SI
1 Piso	P37	Bottom	B244-Wx+ Loub	0.46	13.46	0.72	SI
1 Piso	P37	Top	B244-Wx- Loub	0.46	13.46	8.05	SI
1 Piso	P37	Bottom	B244-Wx- Loub	0.46	13.46	0.72	SI
1 Piso	P37	Top	B244-Wy+ Loub	0.46	13.46	-8.05	SI
1 Piso	P37	Bottom	B244-Wy+ Loub	0.46	13.46	0.72	SI
1 Piso	P37	Top	B244-Wy- Loub	0.46	13.46	-8.05	SI
1 Piso	P37	Bottom	B244-Wy- Loub	0.46	13.46	0.72	SI
1 Piso	P37	Top	B245-Ex+	0.46	13.46	-8.20	SI
1 Piso	P37	Bottom	B245-Ex+	0.46	13.46	0.69	SI

STORY	MURO	LOC.	COMB	Aalv (m²)	ΦVn (ton)	V3/u (ton)	Cumple
1 Piso	P37	Top	B245-Ex-	0.46	13.46	-7.88	SI
1 Piso	P37	Bottom	B245-Ex-	0.46	13.46	0.73	SI
1 Piso	P37	Top	B245-Ey+	0.46	13.46	-7.48	SI
1 Piso	P37	Bottom	B245-Ey+	0.46	13.46	0.71	SI
1 Piso	P37	Top	B245-Ey-	0.46	13.46	-8.56	SI
1 Piso	P37	Bottom	B245-Ey-	0.46	13.46	0.71	SI
1 Piso	P37	Top	B246-Wx+	0.46	13.46	-4.52	SI
1 Piso	P37	Bottom	B246-Wx+	0.46	13.46	0.37	SI
1 Piso	P37	Top	B246-Wx-	0.46	13.46	-4.52	SI
1 Piso	P37	Bottom	B246-Wx-	0.46	13.46	0.37	SI
1 Piso	P37	Top	B246-Wy+	0.46	13.46	-4.52	SI
1 Piso	P37	Bottom	B246-Wy+	0.46	13.46	0.37	SI
1 Piso	P37	Top	B246-Wy-	0.46	13.46	-4.52	SI
1 Piso	P37	Bottom	B246-Wy-	0.46	13.46	0.37	SI
1 Piso	P37	Top	B247-Ex+	0.46	13.46	-4.87	SI
1 Piso	P37	Bottom	B247-Ex+	0.46	13.46	0.34	SI
1 Piso	P37	Top	B247-Ex-	0.46	13.46	-5.34	SI
1 Piso	P37	Bottom	B247-Ex-	0.46	13.46	0.38	SI
1 Piso	P37	Top	B247-Ey+	0.46	13.46	-3.97	SI
1 Piso	P37	Bottom	B247-Ey+	0.46	13.46	0.36	SI
1 Piso	P37	Top	B247-Ey-	0.46	13.46	-5.04	SI
1 Piso	P37	Bottom	B247-Ey-	0.46	13.46	0.38	SI
1 Piso	P37	Top	B242 G	0.46	13.46	-9.26	SI
1 Piso	P37	Bottom	B242 G	0.46	13.46	0.88	SI
1 Piso	P37	Top	B243-Wx- G	0.46	13.46	-6.08	SI
1 Piso	P37	Bottom	B243 Wx- G	0.46	13.46	0.52	SI
1 Piso	P37	Top	B243-Wy- G	0.46	13.46	-6.08	SI
1 Piso	P37	Bottom	B243-Wy- G	0.46	13.46	0.52	SI
1 Piso	P37	Top	B243-Wx+ G	0.46	13.46	-6.08	SI
1 Piso	P37	Bottom	B243-Wx+ G	0.46	13.46	0.52	SI
1 Piso	P37	Top	B243-Wy+ G	0.46	13.46	-6.08	SI
1 Piso	P37	Bottom	B243 Wy+ G	0.46	13.46	0.52	SI
1 Piso	P37	Top	B244-Wx- G	0.46	13.46	-8.08	SI
1 Piso	P37	Bottom	B244-Wx- G	0.46	13.46	0.73	SI
1 Piso	P37	Top	B244-Wx+ G	0.46	13.46	-8.08	SI
1 Piso	P37	Bottom	B244-Wx+ G	0.46	13.46	0.73	SI
1 Piso	P37	Top	B244-Wy- G	0.46	13.46	-8.08	SI
1 Piso	P37	Bottom	B244-Wy- G	0.46	13.46	0.73	SI
1 Piso	P37	Top	B244-Wy+ G	0.46	13.46	-8.08	SI
1 Piso	P37	Bottom	B244-Wy+ G	0.46	13.46	0.73	SI
1 Piso	P38	Top	B241	0.47	13.89	2.25	SI
1 Piso	P38	Bottom	B241	0.47	13.89	0.16	SI
1 Piso	P38	Top	B242 Loub	0.47	13.89	3.02	SI
1 Piso	P38	Bottom	B242 Loub	0.47	13.89	0.16	SI
1 Piso	P38	Top	B243-Wx+ Loub	0.47	13.89	1.90	SI
1 Piso	P38	Bottom	B243-Wx+ Loub	0.47	13.89	0.15	SI
1 Piso	P38	Top	B243-Wx- Loub	0.47	13.89	1.90	SI
1 Piso	P38	Bottom	B243 Wx- Loub	0.47	13.89	0.15	SI
1 Piso	P38	Top	B243-Wy+ Loub	0.47	13.89	1.90	SI
1 Piso	P38	Bottom	B243-Wy+ Loub	0.47	13.89	0.15	SI
1 Piso	P38	Top	B243-Wy- Loub	0.47	13.89	1.90	SI
1 Piso	P38	Bottom	B243-Wy- Loub	0.47	13.89	0.15	SI
1 Piso	P38	Top	B244-Wx+ Loub	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244 Wx+ Loub	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wx- Loub	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wx- Loub	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wy+ Loub	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wy+ Loub	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244 Wy- Loub	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wy- Loub	0.47	13.89	0.16	SI
1 Piso	P38	Top	B245-Ex+	0.47	13.89	2.44	SI
1 Piso	P38	Bottom	B245-Ex+	0.47	13.89	0.17	SI
1 Piso	P38	Top	B245-Ex-	0.47	13.89	2.79	SI
1 Piso	P38	Bottom	B245-Ex-	0.47	13.89	0.13	SI
1 Piso	P38	Top	B245-Ey+	0.47	13.89	2.69	SI
1 Piso	P38	Bottom	B245-Ey+	0.47	13.89	0.13	SI
1 Piso	P38	Top	B245-Ey-	0.47	13.89	2.42	SI
1 Piso	P38	Bottom	B245-Ey-	0.47	13.89	0.17	SI
1 Piso	P38	Top	B246-Wx+	0.47	13.89	1.43	SI
1 Piso	P38	Bottom	B246-Wx+	0.47	13.89	0.11	SI

ANEXO 2. REVISIÓN PARA CORTANTE PERPENDICULAR AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Amv(m²)	ΦVn(ton)	VSIu(ton)	Cumple
1 Piso	P38	Top	B248-Wx-	0.47	13.89	1.40	SI
1 Piso	P38	Bottom	B246-Wx-	0.47	13.89	0.11	SI
1 Piso	P38	Top	B246-Wy+	0.47	13.89	1.43	SI
1 Piso	P38	Bottom	B246-Wy+	0.47	13.89	0.11	SI
1 Piso	P38	Top	B246-Wy-	0.47	13.89	1.43	SI
1 Piso	P38	Bottom	B246 Wy-	0.47	13.89	0.11	SI
1 Piso	P38	Top	B247-Ex+	0.47	13.89	1.27	SI
1 Piso	P38	Bottom	B247-Ex+	0.47	13.89	0.12	SI
1 Piso	P38	Top	B247-Ex-	0.47	13.89	1.62	SI
1 Piso	P38	Bottom	B247-Ex-	0.47	13.89	0.09	SI
1 Piso	P38	Top	B247-Ey+	0.47	13.89	1.63	SI
1 Piso	P38	Bottom	B247-Ey+	0.47	13.89	0.09	SI
1 Piso	P38	Top	B247-Ey-	0.47	13.89	1.26	SI
1 Piso	P38	Bottom	B247-Ey-	0.47	13.89	0.12	SI
1 Piso	P38	Top	B242 G	0.47	13.89	3.01	SI
1 Piso	P38	Bottom	B242 G	0.47	13.89	0.10	SI
1 Piso	P38	Top	B243-Wx- G	0.47	13.89	1.87	SI
1 Piso	P38	Bottom	B243-Wx- G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B243-Wy- G	0.47	13.89	1.87	SI
1 Piso	P38	Bottom	B243-Wy- G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B243-Wx+ G	0.47	13.89	1.87	SI
1 Piso	P38	Bottom	B243-Wx+ G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B243-Wy+ G	0.47	13.89	1.87	SI
1 Piso	P38	Bottom	B243-Wy+ G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wx- G	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wx- G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wx+ G	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wx+ G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wy- G	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wy- G	0.47	13.89	0.16	SI
1 Piso	P38	Top	B244-Wy+ G	0.47	13.89	2.58	SI
1 Piso	P38	Bottom	B244-Wy+ G	0.47	13.89	0.16	SI
1 Piso	P39	Top	B241	0.63	19.38	1.23	SI
1 Piso	P39	Bottom	B241	0.63	19.38	1.22	SI
1 Piso	P39	Top	B242 Loub	0.63	18.38	1.63	SI
1 Piso	P38	Bottom	B242 Loub	0.63	18.38	1.56	SI
1 Piso	P38	Top	B243-Wx+ Loub	0.63	18.38	1.02	SI
1 Piso	P39	Bottom	B243-Wx+ Loub	0.63	18.38	1.03	SI
1 Piso	P39	Top	B243-Wx- Loub	0.63	18.38	1.02	SI
1 Piso	P38	Bottom	B243-Wx- Loub	0.63	18.38	1.03	SI
1 Piso	P38	Top	B243-Wy+ Loub	0.63	18.38	1.02	SI
1 Piso	P39	Bottom	B243-Wy+ Loub	0.63	18.38	1.03	SI
1 Piso	P39	Top	B243-Wy- Loub	0.63	18.38	1.02	SI
1 Piso	P39	Bottom	B243-Wy- Loub	0.63	18.38	1.03	SI
1 Piso	P38	Top	B244-Wx+ Loub	0.63	18.38	1.40	SI
1 Piso	P38	Bottom	B244-Wx+ Loub	0.63	18.38	1.35	SI
1 Piso	P39	Top	B244-Wx- Loub	0.63	18.38	1.40	SI
1 Piso	P38	Bottom	B244-Wx- Loub	0.63	18.38	1.35	SI
1 Piso	P38	Top	B244-Wy+ Loub	0.63	18.38	1.40	SI
1 Piso	P39	Bottom	B244-Wy+ Loub	0.63	18.38	1.35	SI
1 Piso	P38	Top	B244-Wy- Loub	0.63	18.38	1.40	SI
1 Piso	P39	Bottom	B244-Wy- Loub	0.63	18.38	1.35	SI
1 Piso	P38	Top	B245-Ex+	0.63	18.38	1.41	SI
1 Piso	P39	Bottom	B245-Ex+	0.63	18.38	1.36	SI
1 Piso	P39	Top	B245-Ex-	0.63	18.38	1.43	SI
1 Piso	P38	Bottom	B245-Ex-	0.63	18.38	1.37	SI
1 Piso	P39	Top	B245-Ey+	0.63	18.38	1.33	SI
1 Piso	P38	Bottom	B245 Ey+	0.63	18.38	1.34	SI
1 Piso	P38	Top	B245-Ey-	0.63	18.38	1.61	SI
1 Piso	P38	Bottom	B245-Ey-	0.63	18.38	1.40	SI
1 Piso	P38	Top	B246-Wx+	0.63	18.38	0.77	SI
1 Piso	P38	Bottom	B246-Wx+	0.63	18.38	0.78	SI
1 Piso	P39	Top	B248-Wx-	0.63	18.38	0.77	SI
1 Piso	P39	Bottom	B246 Wx-	0.63	18.38	0.78	SI
1 Piso	P38	Top	B246-Wy+	0.63	18.38	0.77	SI
1 Piso	P38	Bottom	B246-Wy+	0.63	18.38	0.70	SI
1 Piso	P39	Top	B246-Wy-	0.63	18.38	0.77	SI
1 Piso	P39	Bottom	B246-Wy-	0.63	18.38	0.78	SI
1 Piso	P39	Top	B247-Ex+	0.63	18.38	0.78	SI
1 Piso	P39	Bottom	B247 Ex+	0.63	18.38	0.78	SI

STORY	MURO	LOC.	COMB	Acw (in²)	ΦVn (ton)	V33u (ton)	Cumple
1 Piso	P38	Top	B247-Ex-	0.63	18.38	0.80	SI
1 Piso	P38	Bottom	B247-Ex-	0.63	18.38	0.70	SI
1 Piso	P38	Top	B247-Ey+	0.63	18.38	0.70	SI
1 Piso	P38	Bottom	B247 Ey+	0.63	18.38	0.75	SI
1 Piso	P38	Top	B247-Ey-	0.63	18.38	0.80	SI
1 Piso	P38	Bottom	B247-Ey-	0.63	18.38	0.92	SI
1 Piso	P39	Top	B242 G	0.63	18.38	1.62	SI
1 Piso	P39	Bottom	B242 G	0.63	18.38	1.55	SI
1 Piso	P39	Top	B243-Wx- G	0.63	18.38	0.98	SI
1 Piso	P39	Bottom	B243-Wx- G	0.63	18.38	1.00	SI
1 Piso	P39	Top	B243-Wy- G	0.63	18.38	0.98	SI
1 Piso	P39	Bottom	B243-Wy- G	0.63	18.38	1.00	SI
1 Piso	P39	Top	B243-Wx+ G	0.63	18.38	0.98	SI
1 Piso	P39	Bottom	B243-Wx+ G	0.63	18.38	1.00	SI
1 Piso	P39	Top	B243-Wy+ G	0.63	18.38	0.99	SI
1 Piso	P39	Bottom	B243-Wy+ G	0.63	18.38	1.00	SI
1 Piso	P39	Top	B244-Wx- G	0.63	18.38	1.38	SI
1 Piso	P39	Bottom	B244-Wx- G	0.63	18.38	1.35	SI
1 Piso	P39	Top	B244-Wx+ G	0.63	18.38	1.38	SI
1 Piso	P39	Bottom	B244-Wx+ G	0.63	18.38	1.36	SI
1 Piso	P39	Top	B244-Wy- G	0.63	18.38	1.38	SI
1 Piso	P39	Bottom	B244-Wy- G	0.63	18.38	1.35	SI
1 Piso	P39	Top	B244-Wy+ G	0.63	18.38	1.38	SI
1 Piso	P39	Bottom	B244-Wy+ G	0.63	18.38	1.35	SI
1 Piso	P40	Top	B241	0.62	18.20	-0.31	SI
1 Piso	P40	Bottom	B241	0.62	18.20	1.28	SI
1 Piso	P40	Top	B242 Lou.b	0.62	18.20	-0.18	SI
1 Piso	P40	Bottom	B242 Loub	0.62	18.20	1.56	SI
1 Piso	P40	Top	B243-Wx+ Loub	0.62	18.20	-0.28	SI
1 Piso	P40	Bottom	B243-Wx+ Loub	0.62	18.20	1.06	SI
1 Piso	P40	Top	B243-Wx- Loub	0.62	18.20	-0.28	SI
1 Piso	P40	Bottom	B243-Wx- Loub	0.62	18.20	1.09	SI
1 Piso	P40	Top	B243 Wy+ Loub	0.62	18.20	-0.28	SI
1 Piso	P40	Bottom	B243-Wy+ Loub	0.62	18.20	1.06	SI
1 Piso	P40	Top	B243-Wy- Loub	0.62	18.20	-0.28	SI
1 Piso	P40	Bottom	B243-Wy- Loub	0.62	18.20	1.09	SI
1 Piso	P40	Top	B244-Wx+ Loub	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B244-Wx+ Loub	0.62	18.20	1.37	SI
1 Piso	P40	Top	B244 Wx- Loub	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B244-Wx- Loub	0.62	18.20	1.37	SI
1 Piso	P40	Top	B244-Wy+ Loub	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B244-Wy+ Loub	0.62	18.20	1.37	SI
1 Piso	P40	Top	B244 Wy- Loub	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B244-Wy- Loub	0.62	18.20	1.37	SI
1 Piso	P40	Top	B245 Ex+	0.62	18.20	-0.21	SI
1 Piso	P40	Bottom	B245-Ex+	0.62	18.20	1.38	SI
1 Piso	P40	Top	B245-Ex-	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B245-Ex-	0.62	18.20	1.39	SI
1 Piso	P40	Top	B245 Ey+	0.62	18.20	-0.17	SI
1 Piso	P40	Bottom	B245 Ey+	0.62	18.20	1.36	SI
1 Piso	P40	Top	B245-Ey-	0.62	18.20	-0.29	SI
1 Piso	P40	Bottom	B245-Ey-	0.62	18.20	1.41	SI
1 Piso	P40	Top	B246-Wx+	0.62	18.20	-0.21	SI
1 Piso	P40	Bottom	B246-Wx+	0.62	18.20	0.89	SI
1 Piso	P40	Top	B246-Wx-	0.62	18.20	-0.21	SI
1 Piso	P40	Bottom	B246-Wx-	0.62	18.20	0.80	SI
1 Piso	P40	Top	B246-Wy+	0.62	18.20	-0.23	SI
1 Piso	P40	Bottom	B246-Wy+	0.62	18.20	0.80	SI
1 Piso	P40	Top	B248-Wy-	0.62	18.20	0.21	SI
1 Piso	P40	Bottom	B248-Wy-	0.62	18.20	0.80	SI
1 Piso	P40	Top	B247-Ex+	0.62	18.20	-0.19	SI
1 Piso	P40	Bottom	B247-Ex+	0.62	18.20	0.81	SI
1 Piso	P40	Top	B247-Ex-	0.62	18.20	-0.21	SI
1 Piso	P40	Bottom	B247-Ex-	0.62	18.20	0.81	SI
1 Piso	P40	Top	B247-Ey+	0.62	18.20	-0.15	SI
1 Piso	P40	Bottom	B247 Ey+	0.62	18.20	0.78	SI
1 Piso	P40	Top	B247-Ey-	0.62	18.20	-0.25	SI
1 Piso	P40	Bottom	B247-Ey-	0.62	18.20	0.89	SI
1 Piso	P40	Top	B242 G	0.62	18.20	-0.20	SI
1 Piso	P40	Bottom	B242 G	0.62	18.20	1.55	SI

STORY	MURO	LOC.	COMB	Aver(m²)	ΦVn (ton)	V33u (ton)	Cumple
1 Piso	P40	Top	B243-Wx- G	0.62	18.20	-0.31	SI
1 Piso	P40	Bottom	B243-Wx- G	0.62	18.20	1.02	SI
1 Piso	P40	Top	B243-Wy- G	0.62	18.20	-0.31	SI
1 Piso	P40	Bottom	B243-Wy- G	0.62	18.20	1.03	SI
1 Piso	P40	Top	B243-Wx+ G	0.62	18.20	-0.31	SI
1 Piso	P40	Bottom	B243-Wx+ G	0.62	18.20	1.03	SI
1 Piso	P40	Top	B243-Wy+ G	0.62	18.20	-0.31	SI
1 Piso	P40	Bottom	B243-Wy+ G	0.62	18.20	1.03	SI
1 Piso	P40	Top	B244-Wx- G	0.62	18.20	-0.24	SI
1 Piso	P40	Bottom	B244-Wx- G	0.62	18.20	1.36	SI
1 Piso	P40	Top	B244-Wx+ G	0.62	18.20	-0.24	SI
1 Piso	P40	Bottom	B244-Wx+ G	0.62	18.20	1.36	SI
1 Piso	P40	Top	B244-Wy- G	0.62	18.20	-0.24	SI
1 Piso	P40	Bottom	B244-Wy- G	0.62	18.20	1.36	SI
1 Piso	P40	Top	B244-Wy+ G	0.62	18.20	-0.24	SI
1 Piso	P40	Bottom	B244-Wy+ G	0.62	18.20	1.36	SI
1 Piso	P41	Top	B241	0.63	18.38	1.92	SI
1 Piso	P41	Bottom	B241	0.63	18.38	1.57	SI
1 Piso	P41	Top	B242 Loub	0.63	18.38	1.77	SI
1 Piso	P41	Bottom	B242 Loub	0.63	18.38	1.42	SI
1 Piso	P41	Top	B243-Wx+ Loub	0.63	18.38	1.63	SI
1 Piso	P41	Bottom	B243-Wx+ Loub	0.63	18.38	0.98	SI
1 Piso	P41	Top	B243-Wx- Loub	0.63	18.38	1.63	SI
1 Piso	P41	Bottom	B243-Wx- Loub	0.63	18.38	0.98	SI
1 Piso	P41	Top	B243-Wy+ Loub	0.63	18.38	1.63	SI
1 Piso	P41	Bottom	B243-Wy+ Loub	0.63	18.38	0.98	SI
1 Piso	P41	Top	B243-Wy- Loub	0.63	18.38	1.63	SI
1 Piso	P41	Bottom	B243-Wy- Loub	0.63	18.38	0.98	SI
1 Piso	P41	Top	B244-Wx+ Loub	0.63	18.38	1.71	SI
1 Piso	P41	Bottom	B244-Wx+ Loub	0.63	18.38	1.25	SI
1 Piso	P41	Top	B244-Wx- Loub	0.63	18.38	1.71	SI
1 Piso	P41	Bottom	B244-Wx- Loub	0.63	18.38	1.25	SI
1 Piso	P41	Top	B244-Wy+ Loub	0.63	18.38	1.71	SI
1 Piso	P41	Bottom	B244-Wy+ Loub	0.63	18.38	1.25	SI
1 Piso	P41	Top	B244-Wy- Loub	0.63	18.38	1.71	SI
1 Piso	P41	Bottom	B244-Wy- Loub	0.63	18.38	1.25	SI
1 Piso	P41	Top	B245-Ex+	0.63	18.38	1.71	SI
1 Piso	P41	Bottom	B245-Ex+	0.63	18.38	1.27	SI
1 Piso	P41	Top	B245-Ex-	0.63	18.38	1.75	SI
1 Piso	P41	Bottom	B245-Ex-	0.63	18.38	1.26	SI
1 Piso	P41	Top	B245-Ey+	0.63	18.38	1.68	SI
1 Piso	P41	Bottom	B245-Ey+	0.63	18.38	1.20	SI
1 Piso	P41	Top	B245-Ey-	0.63	18.38	1.78	SI
1 Piso	P41	Bottom	B245-Ey-	0.63	18.38	1.33	SI
1 Piso	P41	Top	B246-Wx+	0.63	18.38	1.22	SI
1 Piso	P41	Bottom	B246-Wx+	0.63	18.38	0.74	SI
1 Piso	P41	Top	B246-Wx-	0.63	18.38	1.22	SI
1 Piso	P41	Bottom	B246-Wx-	0.63	18.38	0.74	SI
1 Piso	P41	Top	B246-Wy+	0.63	18.38	1.22	SI
1 Piso	P41	Bottom	B246-Wy+	0.63	18.38	0.74	SI
1 Piso	P41	Top	B246-Wy-	0.63	18.38	1.22	SI
1 Piso	P41	Bottom	B246-Wy-	0.63	18.38	0.74	SI
1 Piso	P41	Top	B247-Ex+	0.63	18.38	1.22	SI
1 Piso	P41	Bottom	B247-Ex+	0.63	18.38	0.75	SI
1 Piso	P41	Top	B247-Ex-	0.63	18.38	1.26	SI
1 Piso	P41	Bottom	B247-Ex-	0.63	18.38	0.75	SI
1 Piso	P41	Top	B247-Ey+	0.63	18.38	1.19	SI
1 Piso	P41	Bottom	B247-Ey+	0.63	18.38	0.80	SI
1 Piso	P41	Top	B247-Ey-	0.63	18.38	1.20	SI
1 Piso	P41	Bottom	B247-Ey-	0.63	18.38	0.81	SI
1 Piso	P41	Top	B242 C	0.63	18.38	1.76	SI
1 Piso	P41	Bottom	B242 C	0.63	18.38	1.41	SI
1 Piso	P41	Top	B243-Wx- G	0.63	18.38	1.59	SI
1 Piso	P41	Bottom	B243-Wx- G	0.63	18.38	0.95	SI
1 Piso	P41	Top	B243-Wy- G	0.63	18.38	1.59	SI
1 Piso	P41	Bottom	B243-Wy- G	0.63	18.38	0.95	SI
1 Piso	P41	Top	B243-Wx+ G	0.63	18.38	1.59	SI
1 Piso	P41	Bottom	B243-Wx+ G	0.63	18.38	0.95	SI
1 Piso	P41	Top	B243-Wy+ G	0.63	18.38	1.59	SI
1 Piso	P41	Bottom	B243-Wy+ G	0.63	18.38	0.95	SI

STORY	MURO	LOC.	COMB	Avv (cm²)	ΦVn (ton)	V3u (ton)	Cumple
1 Piso	P41	Top	B244 Wx- G	0.63	18.38	1.70	SI
1 Piso	P41	Bottom	B244-Wx- G	0.63	18.38	1.24	SI
1 Piso	P41	Top	B244-Wx+ G	0.63	18.38	1.70	SI
1 Piso	P41	Bottom	B244-Wx+ G	0.63	18.38	1.24	SI
1 Piso	P41	Top	B244-Wy- G	0.63	18.38	1.70	SI
1 Piso	P41	Bottom	B244 Wy- G	0.63	18.38	1.24	SI
1 Piso	P41	Top	B244-Wy+ G	0.63	18.38	1.70	SI
1 Piso	P41	Bottom	B244-Wy+ G	0.63	18.38	1.24	SI
1 Piso	P42	Top	B241	0.62	18.20	-0.32	SI
1 Piso	P42	Bottom	B241	0.62	18.20	0.92	SI
1 Piso	P42	Top	B242 Loub	0.62	18.20	-0.30	SI
1 Piso	P42	Bottom	B242 Loub	0.62	10.20	1.15	SI
1 Piso	P42	Top	B243-Wx+ Loub	0.62	10.20	-0.30	SI
1 Piso	P42	Bottom	B243-Wx+ Loub	0.62	18.20	0.77	SI
1 Piso	P42	Top	B243-Wx- Loub	0.62	18.20	-0.30	SI
1 Piso	P42	Bottom	B243-Wx- Loub	0.62	19.20	0.77	SI
1 Piso	P42	Top	B243-Wy+ Loub	0.62	18.20	-0.30	SI
1 Piso	P42	Bottom	B243-Wy+ Loub	0.62	18.20	0.77	SI
1 Piso	P42	Top	B243-Wy- Loub	0.62	18.20	-0.30	SI
1 Piso	P42	Bottom	B243-Wy- Loub	0.62	18.20	0.77	SI
1 Piso	P42	Top	B244-Wx+ Loub	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wx+ Loub	0.62	18.20	1.01	SI
1 Piso	P42	Top	B244-Wx- Loub	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wx- Loub	0.62	18.20	1.01	SI
1 Piso	P42	Top	B244-Wy+ Loub	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wy+ Loub	0.62	18.20	1.01	SI
1 Piso	P42	Top	B244-Wy- Loub	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wy- Loub	0.62	18.20	1.01	SI
1 Piso	P42	Top	B245-Ex+	0.62	18.20	-0.25	SI
1 Piso	P42	Bottom	B245-Ex+	0.62	18.20	1.07	SI
1 Piso	P42	Top	B245-Ex-	0.62	18.20	-0.33	SI
1 Piso	P42	Bottom	B245-Ex-	0.62	18.20	1.02	SI
1 Piso	P42	Top	B245-Ey+	0.62	18.20	-0.51	SI
1 Piso	P42	Bottom	B245-Ey+	0.62	18.20	0.91	SI
1 Piso	P42	Top	B245-Ey-	0.62	18.20	-0.07	SI
1 Piso	P42	Bottom	B245-Ey-	0.62	18.20	1.10	SI
1 Piso	P42	Top	B246-Wx+	0.62	18.20	-0.22	SI
1 Piso	P42	Bottom	B246-Wx+	0.62	18.20	0.58	SI
1 Piso	P42	Top	B246-Wx-	0.62	18.20	-0.22	SI
1 Piso	P42	Bottom	B246-Wx-	0.62	18.20	0.58	SI
1 Piso	P42	Top	B246-Wy+	0.62	18.20	-0.22	SI
1 Piso	P42	Bottom	B246-Wy+	0.62	18.20	0.58	SI
1 Piso	P42	Top	B246-Wy-	0.62	18.20	-0.22	SI
1 Piso	P42	Bottom	B246-Wy-	0.62	18.20	0.58	SI
1 Piso	P42	Top	B247-Ex+	0.62	18.20	-0.17	SI
1 Piso	P42	Bottom	B247-Ex+	0.62	18.20	0.59	SI
1 Piso	P42	Top	B247-Ex-	0.62	18.20	-0.25	SI
1 Piso	P42	Bottom	B247-Ex-	0.62	18.20	0.58	SI
1 Piso	P42	Top	B247-Ey+	0.62	18.20	-0.43	SI
1 Piso	P42	Bottom	B247-Ey+	0.62	18.20	0.51	SI
1 Piso	P42	Top	B247 Ey-	0.62	18.20	0.01	SI
1 Piso	P42	Bottom	B247 Ey-	0.62	10.20	0.07	SI
1 Piso	P42	Top	B242 G	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B242 G	0.62	18.20	1.15	SI
1 Piso	P42	Top	B243-Wx- G	0.62	18.20	-0.32	SI
1 Piso	P42	Bottom	B243-Wx- G	0.62	18.20	0.74	SI
1 Piso	P42	Top	B243-Wy- G	0.62	18.20	-0.32	SI
1 Piso	P42	Bottom	B243-Wy- G	0.62	18.20	0.74	SI
1 Piso	P42	Top	B243-Wx+ G	0.62	18.20	-0.32	SI
1 Piso	P42	Bottom	B243-Wx+ G	0.62	18.20	0.74	SI
1 Piso	P42	Top	B243-Wy+ G	0.62	18.20	-0.32	SI
1 Piso	P42	Bottom	B243 Wy+ G	0.62	18.20	0.74	SI
1 Piso	P42	Top	B244-Wx- G	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wx- G	0.62	18.20	1.00	SI
1 Piso	P42	Top	B244-Wx+ G	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244-Wx+ G	0.62	18.20	1.00	SI
1 Piso	P42	Top	B244-Wy- G	0.62	18.20	-0.31	SI
1 Piso	P42	Bottom	B244 Wy- G	0.62	18.20	1.00	SI
1 Piso	P42	Top	B244-Wy+ G	0.62	18.20	0.31	SI
1 Piso	P42	Bottom	B244-Wy+ G	0.62	18.20	1.00	SI

STORY	MURO	LOC.	COMB	Avmv(m²)	ΦVn(ton)	V33u(ton)	Cumple
1 Piso	P43	Top	B241	0.62	18.20	0.84	SI
1 Piso	P43	Bottom	B241	0.62	18.20	0.88	SI
1 Piso	P43	Top	B242 Loub	0.62	18.20	0.73	SI
1 Piso	P43	Bottom	B242 Loub	0.62	18.20	1.23	SI
1 Piso	P43	Top	B243-Wx+ Loub	0.62	18.20	0.69	SI
1 Piso	P43	Bottom	B243-Wx+ Loub	0.62	18.20	0.83	SI
1 Piso	P43	Top	B243-Wx- Loub	0.62	18.20	0.69	SI
1 Piso	P43	Bottom	B243-Wx- Loub	0.62	18.20	0.83	SI
1 Piso	P43	Top	B243-Wy+ Loub	0.62	18.20	0.69	SI
1 Piso	P43	Bottom	B243-Wy+ Loub	0.62	18.20	0.83	SI
1 Piso	P43	Top	B243-Wy- Loub	0.62	18.20	0.69	SI
1 Piso	P43	Bottom	B243-Wy- Loub	0.62	18.20	0.83	SI
1 Piso	P43	Top	B244-Wx+ Loub	0.62	18.20	0.71	SI
1 Piso	P43	Bottom	B244-Wx+ Loub	0.62	18.20	1.07	SI
1 Piso	P43	Top	B244-Wx- Loub	0.62	18.20	0.71	SI
1 Piso	P43	Bottom	B244-Wx- Loub	0.62	18.20	1.07	SI
1 Piso	P43	Top	B244-Wy+ Loub	0.62	18.20	0.71	SI
1 Piso	P43	Bottom	B244-Wy+ Loub	0.62	18.20	1.07	SI
1 Piso	P43	Top	B244-Wy- Loub	0.62	18.20	0.71	SI
1 Piso	P43	Bottom	B244-Wy- Loub	0.62	18.20	1.07	SI
1 Piso	P43	Top	B245-Ex+	0.62	18.20	0.73	SI
1 Piso	P43	Bottom	B245-Ex+	0.62	18.20	1.09	SI
1 Piso	P43	Top	B245-Ex-	0.62	18.20	0.74	SI
1 Piso	P43	Bottom	B245-Ex-	0.62	18.20	1.08	SI
1 Piso	P43	Top	B245-Ey+	0.62	18.20	0.66	SI
1 Piso	P43	Bottom	B245-Ey+	0.62	18.20	1.03	SI
1 Piso	P43	Top	B245-Ey-	0.62	18.20	0.81	SI
1 Piso	P43	Bottom	B245-Ey-	0.62	18.20	1.15	SI
1 Piso	P43	Top	B246 Wx+	0.62	18.20	0.53	SI
1 Piso	P43	Bottom	B246-Wx+	0.62	18.20	0.63	SI
1 Piso	P43	Top	B246-Wx-	0.62	18.20	0.53	SI
1 Piso	P43	Bottom	B246-Wx-	0.62	18.20	0.63	SI
1 Piso	P43	Top	B246-Wy+	0.62	18.20	0.53	SI
1 Piso	P43	Bottom	B246-Wy+	0.62	18.20	0.63	SI
1 Piso	P43	Top	B246-Wy-	0.62	18.20	0.53	SI
1 Piso	P43	Bottom	B246-Wy-	0.62	18.20	0.63	SI
1 Piso	P43	Top	B247-Ex+	0.62	18.20	0.54	SI
1 Piso	P43	Bottom	B247-Ex+	0.62	18.20	0.84	SI
1 Piso	P43	Top	B247-Ex-	0.62	18.20	0.55	SI
1 Piso	P43	Bottom	B247-Ex-	0.62	18.20	0.83	SI
1 Piso	P43	Top	B247-Ey+	0.62	18.20	0.67	SI
1 Piso	P43	Bottom	B247-Ey+	0.62	18.20	0.57	SI
1 Piso	P43	Top	B247-Ey-	0.62	18.20	0.87	SI
1 Piso	P43	Bottom	B247-Ey-	0.62	18.20	0.70	SI
1 Piso	P43	Top	B242 G	0.62	18.20	0.72	SI
1 Piso	P43	Bottom	B242 G	0.62	18.20	1.22	SI
1 Piso	P43	Top	B243-Wx- G	0.62	18.20	0.66	SI
1 Piso	P43	Bottom	B243-Wx- G	0.62	18.20	0.80	SI
1 Piso	P43	Top	B243-Wy- G	0.62	18.20	0.85	SI
1 Piso	P43	Bottom	B243-Wy- G	0.62	18.20	0.80	SI
1 Piso	P43	Top	B243-Wx+ G	0.62	18.20	0.65	SI
1 Piso	P43	Bottom	B243-Wx+ G	0.62	18.20	0.80	SI
1 Piso	P43	Top	B243-Wy+ G	0.62	18.20	0.65	SI
1 Piso	P43	Bottom	B243-Wy+ G	0.62	18.20	0.80	SI
1 Piso	P43	Top	B244-Wx- G	0.62	18.20	0.70	SI
1 Piso	P43	Bottom	B244-Wx- G	0.62	18.20	1.06	SI
1 Piso	P43	Top	B244-Wx+ G	0.62	18.20	0.70	SI
1 Piso	P43	Bottom	B244-Wx+ G	0.62	18.20	1.06	SI
1 Piso	P43	Top	B244-Wy- G	0.62	18.20	0.70	SI
1 Piso	P43	Bottom	B244-Wy- G	0.62	18.20	1.06	SI
1 Piso	P43	Top	B244-Wy+ G	0.62	18.20	0.70	SI
1 Piso	P43	Bottom	B244-Wy+ G	0.62	18.20	1.06	SI
1 Piso	P44	Top	B241	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B241	0.62	18.11	1.35	SI
1 Piso	P44	Top	B242 Loub	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B242 Loub	0.62	18.11	1.48	SI
1 Piso	P44	Top	B243-Wx+ Loub	0.62	18.11	0.08	SI
1 Piso	P44	Bottom	B243-Wx+ Loub	0.62	18.11	0.97	SI
1 Piso	P44	Top	B243-Wx- Loub	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B243-Wx- Loub	0.62	18.11	0.97	SI

STORY	MURO	LOC.	COMB	Amr(cm²)	dMm(ton)	V33u(ton)	Cumple
1 Piso	P44	Top	B243-Wy+ Loub	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B243-Wy+ Loub	0.62	18.11	0.97	SI
1 Piso	P44	Top	B243-Wy- Loub	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B243-Wy- Loub	0.62	18.11	0.97	SI
1 Piso	P44	Top	B244-Wx+ Loub	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B244-Wx+ Loub	0.62	18.11	1.27	SI
1 Piso	P44	Top	B244-Wx- Loub	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B244-Wx- Loub	0.62	18.11	1.27	SI
1 Piso	P44	Top	B245-Wy+ Loub	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B245-Wy+ Loub	0.62	18.11	1.27	SI
1 Piso	P44	Top	B244-Wy- Loub	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B244-Wy- Loub	0.62	18.11	1.27	SI
1 Piso	P44	Top	B245-Ex+	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B245-Ex+	0.62	18.11	1.26	SI
1 Piso	P44	Top	B245-Ex-	0.62	18.11	-0.06	SI
1 Piso	P44	Bottom	B245-Ex-	0.62	18.11	1.28	SI
1 Piso	P44	Top	B245-Ey+	0.62	18.11	-0.11	SI
1 Piso	P44	Bottom	B245-Ey+	0.62	18.11	1.23	SI
1 Piso	P44	Top	B245-Ey-	0.62	18.11	-0.01	SI
1 Piso	P44	Bottom	B245-Ey-	0.62	18.11	1.38	SI
1 Piso	P44	Top	B246-Wx+	0.62	18.11	-0.06	SI
1 Piso	P44	Bottom	B246-Wx+	0.62	18.11	0.73	SI
1 Piso	P44	Top	B246-Wx-	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B246-Wx-	0.62	18.11	0.73	SI
1 Piso	P44	Top	B246-Wy+	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B246-Wy+	0.62	18.11	0.73	SI
1 Piso	P44	Top	B246-Wy-	0.62	18.11	-0.06	SI
1 Piso	P44	Bottom	B246-Wy-	0.62	18.11	0.73	SI
1 Piso	P44	Top	B247-Ex-	0.62	18.11	0.05	SI
1 Piso	P44	Bottom	B247-Ex+	0.62	18.11	0.75	SI
1 Piso	P44	Top	B247-Ex-	0.62	18.11	-0.05	SI
1 Piso	P44	Bottom	B247-Ex-	0.62	18.11	0.74	SI
1 Piso	P44	Top	B247-Ey+	0.62	18.11	-0.10	SI
1 Piso	P44	Bottom	B247-Ey+	0.62	18.11	0.68	SI
1 Piso	P44	Top	B247-Ey-	0.62	18.11	0.00	SI
1 Piso	P44	Bottom	B247-Ey-	0.62	18.11	0.80	SI
1 Piso	P44	Top	B242 G	0.62	18.11	-0.07	SI
1 Piso	P44	Bottom	B242 G	0.62	18.11	1.45	SI
1 Piso	P44	Top	B243-Wx- G	0.62	18.11	-0.09	SI
1 Piso	P44	Bottom	B243-Wx- G	0.62	18.11	0.94	SI
1 Piso	P44	Top	B243-Wy- G	0.62	18.11	-0.09	SI
1 Piso	P44	Bottom	B243-Wy- G	0.62	18.11	0.84	SI
1 Piso	P44	Top	B243-Wx+ G	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B243-Wx+ G	0.62	18.11	0.84	SI
1 Piso	P44	Top	B243 Wy+ G	0.62	18.11	-0.09	SI
1 Piso	P44	Bottom	B243-Wy+ G	0.62	18.11	0.94	SI
1 Piso	P44	Top	B244-Wx- G	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B244-Wx- G	0.62	18.11	1.26	SI
1 Piso	P44	Top	B244-Wx+ G	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B244-Wx+ G	0.62	18.11	1.26	SI
1 Piso	P44	Top	B244-Wy- G	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B244-Wy- G	0.62	18.11	1.26	SI
1 Piso	P44	Top	B244-Wy+ G	0.62	18.11	-0.08	SI
1 Piso	P44	Bottom	B244-Wy+ G	0.62	18.11	1.26	SI
1 Piso	P45	Top	B241	0.62	18.02	1.37	SI
1 Piso	P45	Bottom	B241	0.62	18.02	1.03	SI
1 Piso	P45	Top	B242 Loub	0.62	18.02	1.81	SI
1 Piso	P45	Bottom	B242 Loub	0.62	18.02	1.30	SI
1 Piso	P45	Top	B243-Wx+ Loub	0.62	18.02	1.13	SI
1 Piso	P45	Bottom	B243-Wx+ Loub	0.62	18.02	0.86	SI
1 Piso	P45	Top	B243-Wx- Loub	0.62	18.02	1.13	SI
1 Piso	P45	Bottom	B243-Wx- Loub	0.62	18.02	0.86	SI
1 Piso	P45	Top	B243-Wy+ Loub	0.62	18.02	1.13	SI
1 Piso	P45	Bottom	B243-Wy+ Loub	0.62	18.02	0.86	SI
1 Piso	P45	Top	B243-Wy- Loub	0.62	18.02	1.13	SI
1 Piso	P45	Bottom	B243-Wy- Loub	0.62	18.02	0.86	SI
1 Piso	P45	Top	B244-Wx+ Loub	0.62	18.02	1.55	SI
1 Piso	P45	Bottom	B244-Wx+ Loub	0.62	18.02	1.13	SI
1 Piso	P45	Top	B244-Wx- Loub	0.62	18.02	1.55	SI
1 Piso	P45	Bottom	B244-Wx- Loub	0.62	18.02	1.13	SI

STORY	MURO	LOC.	COMB	Aasv (m²)	ΦVn (ton)	V33u (ton)	Cumple
1 Piso	P45	Top	B244-Wy+ Loub	0.62	18.02	1.55	SI
1 Piso	P45	Bottom	B244-Wy+ Loub	0.62	18.02	1.13	SI
1 Piso	P45	Top	B244-Wy- Loub	0.62	18.02	1.55	SI
1 Piso	P45	Bottom	B244 Wy- Loub	0.62	18.02	1.10	SI
1 Piso	P45	Top	B245-Ex+	0.62	18.02	1.59	SI
1 Piso	P45	Bottom	B245-Ex+	0.62	18.02	1.15	SI
1 Piso	P45	Top	B245-Ex-	0.62	18.02	1.57	SI
1 Piso	P45	Bottom	B245-Ex-	0.62	18.02	1.14	SI
1 Piso	P45	Top	B245-Ey+	0.62	18.02	1.46	SI
1 Piso	P45	Bottom	B245-Ey+	0.62	18.02	1.09	SI
1 Piso	P45	Top	B245-Ey-	0.62	18.02	1.70	SI
1 Piso	P45	Bottom	B245-Ey-	0.62	18.02	0.20	SI
1 Piso	P45	Top	B246-Wx+	0.62	18.02	0.88	SI
1 Piso	P45	Bottom	B246-Wx+	0.62	18.02	0.65	SI
1 Piso	P45	Top	B246-Wx-	0.62	18.02	0.86	SI
1 Piso	P45	Bottom	B246-Wx-	0.62	18.02	0.65	SI
1 Piso	P45	Top	B246-Wy+	0.62	18.02	0.88	SI
1 Piso	P45	Bottom	B246-Wy+	0.62	18.02	0.85	SI
1 Piso	P45	Top	B246-Wy-	0.62	18.02	0.86	SI
1 Piso	P45	Bottom	B246-Wy-	0.62	18.02	0.65	SI
1 Piso	P45	Top	B247-Ex+	0.62	18.02	0.89	SI
1 Piso	P45	Bottom	B247-Ex+	0.62	18.02	0.68	SI
1 Piso	P45	Top	B247-Ex-	0.62	18.02	0.87	SI
1 Piso	P45	Bottom	B247-Ex-	0.62	18.02	0.68	SI
1 Piso	P45	Top	B247-Ey+	0.62	18.02	0.77	SI
1 Piso	P45	Bottom	B247-Ey+	0.62	18.02	0.61	SI
1 Piso	P45	Top	B247-Ey-	0.62	18.02	1.00	SI
1 Piso	P45	Bottom	B247-Ey-	0.62	18.02	0.71	SI
1 Piso	P45	Top	B242 G	0.62	18.02	1.79	SI
1 Piso	P45	Bottom	B242 G	0.62	18.02	1.29	SI
1 Piso	P45	Top	B243-Wx- G	0.62	18.02	1.07	SI
1 Piso	P45	Bottom	B243-Wx- G	0.62	18.02	0.84	SI
1 Piso	P45	Top	B243-Wy- G	0.62	18.02	1.07	SI
1 Piso	P45	Bottom	B243-Wy- G	0.62	18.02	0.84	SI
1 Piso	P45	Top	B243-Wx+ G	0.62	18.02	1.07	SI
1 Piso	P45	Bottom	B243-Wx+ G	0.62	18.02	0.84	SI
1 Piso	P45	Top	B243-Wy+ G	0.62	18.02	1.07	SI
1 Piso	P45	Bottom	B243 Wy+ G	0.62	18.02	0.84	SI
1 Piso	P45	Top	B244-Wx- G	0.62	18.02	1.53	SI
1 Piso	P45	Bottom	B244-Wx- G	0.62	18.02	1.13	SI
1 Piso	P45	Top	B244-Wx+ G	0.62	18.02	1.53	SI
1 Piso	P45	Bottom	B244-Wx+ G	0.62	18.02	1.13	SI
1 Piso	P45	Top	B244-Wy- G	0.62	18.02	1.55	SI
1 Piso	P45	Bottom	B244-Wy- G	0.62	18.02	1.13	SI
1 Piso	P45	Top	B244 Wy+ G	0.62	18.02	1.53	SI
1 Piso	P45	Bottom	B244-Wy+ G	0.62	18.02	1.13	SI
1 Piso	P46	Top	B241	0.42	12.40	2.28	SI
1 Piso	P46	Bottom	B241	0.62	12.40	0.61	SI
1 Piso	P46	Top	B242 Loub	0.42	12.40	3.05	SI
1 Piso	P46	Bottom	B242 Loub	0.42	12.40	0.54	SI
1 Piso	P46	Top	B243-Wx+ Loub	0.42	12.40	1.04	SI
1 Piso	P46	Bottom	B243-Wx+ Loub	0.42	12.40	0.40	SI
1 Piso	P46	Top	B243-Wx- Loub	0.42	12.40	1.94	SI
1 Piso	P46	Bottom	B243-Wx- Loub	0.42	12.40	0.40	SI
1 Piso	P46	Top	B243-Wy+ Loub	0.42	12.40	1.94	SI
1 Piso	P46	Bottom	B243-Wy+ Loub	0.42	12.40	0.40	SI
1 Piso	P46	Top	B243-Wy- Loub	0.42	12.40	1.94	SI
1 Piso	P46	Bottom	B243-Wy- Loub	0.42	12.40	0.40	SI
1 Piso	P46	Top	B244-Wx+ Loub	0.42	12.40	2.63	SI
1 Piso	P46	Bottom	B244-Wx+ Loub	0.42	12.40	0.49	SI
1 Piso	P46	Top	B244-Wx- Loub	0.42	12.40	2.63	SI
1 Piso	P46	Bottom	B244-Wx- Loub	0.42	12.40	0.49	SI
1 Piso	P46	Top	B244-Wy+ Loub	0.42	12.40	2.83	SI
1 Piso	P46	Bottom	B244-Wy+ Loub	0.42	12.40	0.48	SI
1 Piso	P46	Top	B244-Wy- Loub	0.42	12.40	2.83	SI
1 Piso	P46	Bottom	B244 Wy- Loub	0.42	12.40	0.49	SI
1 Piso	P46	Top	B245-Ex+	0.42	12.40	2.84	SI
1 Piso	P46	Bottom	B245-Ex+	0.42	12.40	0.48	SI
1 Piso	P46	Top	B245-Ex-	0.42	12.40	2.44	SI
1 Piso	P46	Bottom	B245-Ex-	0.42	12.40	0.51	SI

STORY	MURO	LOC.	COMB	Asev (m²)	ØVn (ton)	VUu (ton)	Cumple
1 Piso	P48	Top	B245-Ey+	0.42	12.40	2.84	SI
1 Piso	P48	Bottom	B245-Ey+	0.42	12.40	0.46	SI
1 Piso	P48	Top	B245-Ey-	0.42	12.40	2.44	SI
1 Piso	P48	Bottom	B245-Ey-	0.42	12.40	0.52	SI
1 Piso	P48	Top	B246-Wx+	0.42	12.40	1.46	SI
1 Piso	P48	Bottom	B246-Wx+	0.42	12.40	0.30	SI
1 Piso	P48	Top	B246-Wx-	0.42	12.40	1.48	SI
1 Piso	P48	Bottom	B246-Wx-	0.42	12.40	0.30	SI
1 Piso	P48	Top	B246-Wy+	0.42	12.40	1.48	SI
1 Piso	P48	Bottom	B246-Wy+	0.42	12.40	0.30	SI
1 Piso	P48	Top	B246-Wy-	0.42	12.40	1.48	SI
1 Piso	P48	Bottom	B246-Wy-	0.42	12.40	0.30	SI
1 Piso	P48	Top	B247-Ex+	0.42	12.40	1.67	SI
1 Piso	P48	Bottom	B247-Ex+	0.42	12.40	0.28	SI
1 Piso	P48	Top	B247-Ex-	0.42	12.40	1.26	SI
1 Piso	P48	Bottom	B247-Ex-	0.42	12.40	0.42	SI
1 Piso	P48	Top	B247-Ey+	0.42	12.40	1.66	SI
1 Piso	P48	Bottom	B247-Ey+	0.42	12.40	0.27	SI
1 Piso	P48	Top	B247-Ey-	0.42	12.40	1.27	SI
1 Piso	P48	Bottom	B247-Ey-	0.42	12.40	0.32	SI
1 Piso	P48	Top	B242 G	0.42	12.40	3.05	SI
1 Piso	P48	Bottom	B242 G	0.42	12.40	0.54	SI
1 Piso	P48	Top	B243-Wx- G	0.42	12.40	1.93	SI
1 Piso	P48	Bottom	B243-Wx- G	0.42	12.40	0.40	SI
1 Piso	P48	Top	B243-Wy- G	0.42	12.40	1.93	SI
1 Piso	P48	Bottom	B243-Wy- G	0.42	12.40	0.40	SI
1 Piso	P48	Top	B243-Wx+ G	0.42	12.40	1.93	SI
1 Piso	P48	Bottom	B243-Wx+ G	0.42	12.40	0.40	SI
1 Piso	P48	Top	B243-Wy+ G	0.42	12.40	1.93	SI
1 Piso	P48	Bottom	B243-Wy+ G	0.42	12.40	0.40	SI
1 Piso	P48	Top	B244-Wx- G	0.42	12.40	2.63	SI
1 Piso	P48	Bottom	B244-Wx- G	0.42	12.40	0.49	SI
1 Piso	P48	Top	B244-Wx+ G	0.42	12.40	2.63	SI
1 Piso	P48	Bottom	B244-Wx+ G	0.42	12.40	0.48	SI
1 Piso	P48	Top	B244-Wy- G	0.42	12.40	2.63	SI
1 Piso	P48	Bottom	B244-Wy- G	0.42	12.40	0.48	SI
1 Piso	P48	Top	B244-Wy+ G	0.42	12.40	2.63	SI
1 Piso	P48	Bottom	B244-Wy+ G	0.42	12.40	0.49	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acmv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P1	Top	B241	-3.97	0.90	3000	2400	2.72	0.04	31.09	60.75	98.60	36.45	SI
2 Piso	P1	Bottom	B241	-15.05	0.90	3000	2400	0.69	3.88	0.08	93.40	149.40	56.04	SI
2 Piso	P1	Top	B242 Lcub	-3.84	0.90	3000	2400	2.47	0.23	4.48	60.67	98.60	36.40	SI
2 Piso	P1	Bottom	B242 Lcub	13.82	0.90	3000	2400	2.24	8.30	0.11	93.10	149.40	55.86	SI
2 Piso	P1	Top	B243-Wx+ Lcub	-4.65	0.90	3000	2400	3.31	-0.15	9.13	60.92	98.60	36.55	SI
2 Piso	P1	Bottom	B243-Wx+ Lcub	-14.60	0.90	3000	2400	0.68	3.05	0.09	93.29	149.40	55.97	SI
2 Piso	P1	Top	B243-Wx- Lcub	-4.65	0.90	3000	2400	3.31	-0.15	9.13	60.92	98.60	36.55	SI
2 Piso	P1	Bottom	B243-Wx- Lcub	-14.60	0.90	3000	2400	0.68	3.05	0.09	93.29	149.40	55.97	SI
2 Piso	P1	Top	B243-Wy+ Lcub	-4.65	0.90	3000	2400	3.31	-0.15	9.13	60.92	98.60	36.55	SI
2 Piso	P1	Bottom	B243-Wy+ Lcub	14.60	0.90	3000	2400	0.68	3.05	0.09	93.29	149.40	55.97	SI
2 Piso	P1	Top	B243-Wy- Lcub	-4.65	0.90	3000	2400	3.31	-0.15	9.13	60.92	98.60	36.55	SI
2 Piso	P1	Bottom	B243-Wy- Lcub	-14.60	0.90	3000	2400	0.68	3.05	0.09	93.29	149.40	55.97	SI
2 Piso	P1	Top	B244-Wx+ Lcub	-4.32	0.90	3000	2400	3.02	-0.24	5.17	60.84	98.60	36.50	SI
2 Piso	P1	Bottom	B244-Wx+ Lcub	-14.52	0.90	3000	2400	1.67	6.31	0.11	93.27	149.40	55.96	SI
2 Piso	P1	Top	B244-Wx- Lcub	-4.32	0.90	3000	2400	3.02	-0.24	5.17	60.84	98.60	36.50	SI
2 Piso	P1	Bottom	B244-Wx- Lcub	-14.52	0.90	3000	2400	1.67	6.31	0.11	93.27	149.40	55.96	SI
2 Piso	P1	Top	B244-Wy+ Lcub	-4.32	0.90	3000	2400	3.02	-0.24	5.17	60.84	98.60	36.50	SI
2 Piso	P1	Bottom	B244-Wy+ Lcub	-14.52	0.90	3000	2400	1.67	6.31	0.11	93.27	149.40	55.96	SI
2 Piso	P1	Top	B244-Wy- Lcub	-4.32	0.90	3000	2400	3.02	-0.24	5.17	60.84	98.60	36.50	SI
2 Piso	P1	Bottom	B244-Wy- Lcub	-14.52	0.90	3000	2400	1.67	6.31	0.11	93.27	149.40	55.96	SI
2 Piso	P1	Top	B245-Ex+	-2.91	0.90	3000	2400	2.10	-0.01	64.99	60.48	98.60	36.29	SI
2 Piso	P1	Bottom	B245-Ex+	-11.23	0.90	3000	2400	2.95	6.11	0.20	92.45	149.40	55.47	SI
2 Piso	P1	Top	B245-Ex-	-3.69	0.90	3000	2400	2.42	0.20	5.12	60.72	98.60	36.43	SI
2 Piso	P1	Bottom	B245-Ex-	-15.22	0.90	3000	2400	0.27	8.87	0.02	93.44	149.40	56.07	SI
2 Piso	P1	Top	B245 Ey+	-3.43	0.90	3000	2400	1.82	1.50	0.51	79.62	132.50	47.70	SI
2 Piso	P1	Bottom	B245-Ey+	-12.81	0.90	3000	2400	2.80	6.59	0.18	92.84	149.40	55.71	SI
2 Piso	P1	Top	B245-Ey-	3.87	0.90	3000	2400	2.74	-1.71	0.07	73.61	121.47	44.11	SI
2 Piso	P1	Bottom	B245-Ey-	-10.64	0.90	3000	2400	0.42	6.19	0.03	92.65	149.40	55.69	SI
2 Piso	P1	Top	B248-Wx+	-0.21	0.90	3000	2400	2.26	-0.07	13.00	60.56	98.60	36.34	SI
2 Piso	P1	Bottom	B248-Wx+	-10.56	0.90	3000	2400	0.49	2.31	0.09	92.28	149.40	55.37	SI
2 Piso	P1	Top	B246-Wx-	-3.21	0.90	3000	2400	2.26	-0.07	13.00	60.56	98.60	36.34	SI
2 Piso	P1	Bottom	B246-Wx-	-10.56	0.90	3000	2400	0.49	2.31	0.09	92.28	149.40	55.37	SI
2 Piso	P1	Top	B246-Wy+	-3.21	0.90	3000	2400	2.26	-0.07	13.00	60.56	98.60	36.34	SI
2 Piso	P1	Bottom	B246-Wy+	-10.56	0.90	3000	2400	0.49	2.31	0.09	92.28	149.40	55.37	SI
2 Piso	P1	Top	B246-Wy-	-3.21	0.90	3000	2400	2.26	-0.07	13.00	60.56	98.60	36.34	SI
2 Piso	P1	Bottom	B246-Wy-	-10.56	0.90	3000	2400	0.49	2.31	0.09	92.28	149.40	55.37	SI
2 Piso	P1	Top	B247-Ex+	-2.00	0.90	3000	2400	1.60	0.11	5.81	60.28	98.60	36.17	SI
2 Piso	P1	Bottom	B247-Ex+	-7.66	0.90	3000	2400	1.79	2.06	0.36	86.82	142.74	51.87	SI
2 Piso	P1	Top	B247-Ex-	3.32	0.90	3000	2400	1.89	-0.07	11.56	60.51	98.60	36.31	SI
2 Piso	P1	Bottom	B247-Ex-	-11.66	0.90	3000	2400	-0.80	2.65	0.14	82.55	149.40	56.60	SI
2 Piso	P1	Top	B247 Ey+	-2.61	0.90	3000	2400	1.29	1.63	0.33	88.45	144.67	53.87	SI
2 Piso	P1	Bottom	B247-Ey+	-9.25	0.90	3000	2400	1.63	2.57	0.27	90.01	148.10	54.97	SI
2 Piso	P1	Top	B247-Ey-	2.60	0.90	3000	2400	2.21	-1.58	0.58	76.69	127.35	45.99	SI
2 Piso	P1	Bottom	B247-Ey-	-10.07	0.90	3000	2400	-0.74	2.16	0.14	92.78	149.60	55.29	SI
2 Piso	P1	Top	B242 G	-4.77	0.90	3000	2400	2.89	-0.31	3.82	60.80	98.60	36.48	SI
2 Piso	P1	Bottom	B242 G	-14.56	0.90	3000	2400	2.27	8.26	0.11	60.20	149.40	55.97	SI
2 Piso	P1	Top	B243 Wx- G	-8.36	0.90	3000	2400	6.65	-0.40	4.34	61.35	98.60	36.81	SI
2 Piso	P1	Bottom	B243-Wx- G	-16.95	0.90	3000	2400	0.79	2.80	0.11	93.85	149.40	56.33	SI
2 Piso	P1	Top	B243-Wy- G	-8.36	0.90	3000	2400	4.85	-0.40	4.84	61.35	98.60	36.81	SI
2 Piso	P1	Bottom	B243-Wy- G	-16.95	0.90	3000	2400	0.79	2.90	0.11	93.88	149.40	56.33	SI
2 Piso	P1	Top	B243-Wx+ G	-8.36	0.90	3000	2400	4.85	-0.40	4.84	61.35	98.60	36.81	SI
2 Piso	P1	Bottom	B243-Wx+ G	-16.95	0.90	3000	2400	0.79	2.90	0.11	93.88	149.40	56.33	SI
2 Piso	P1	Top	B243-Wy+ G	-8.36	0.90	3000	2400	4.85	-0.40	4.84	61.35	98.60	36.81	SI
2 Piso	P1	Bottom	B243-Wy+ G	-16.95	0.90	3000	2400	0.79	2.90	0.11	93.88	149.40	56.33	SI
2 Piso	P1	Top	B244-Wx- G	-4.85	0.90	3000	2400	3.44	-0.32	4.46	60.97	98.60	36.58	SI
2 Piso	P1	Bottom	B244-Wx- G	-15.26	0.90	3000	2400	1.71	8.26	0.11	93.45	149.40	56.07	SI
2 Piso	P1	Top	B244-Wy- G	-4.85	0.90	3000	2400	3.44	-0.32	4.46	60.97	98.60	36.58	SI
2 Piso	P1	Bottom	B244-Wy- G	-15.26	0.90	3000	2400	1.71	8.26	0.11	93.45	149.40	56.07	SI
2 Piso	P1	Top	B244-Wy+ G	-4.85	0.90	3000	2400	3.44	-0.32	4.46	60.97	98.60	36.58	SI
2 Piso	P1	Bottom	B244-Wy+ G	-15.26	0.90	3000	2400	1.71	8.26	0.11	93.45	149.40	56.07	SI
2 Piso	P1	Top	B244-Wx+ G	-4.85	0.90	3000	2400	3.44	-0.32	4.46	60.97	98.60	36.58	SI
2 Piso	P1	Bottom	B244-Wx+ G	-15.26	0.90	3000	2400	1.71	8.26	0.11	93.45	149.40	56.07	SI
2 Piso	P2	Top	B241	-6.18	1.30	4330	3464	2.16	-1.45	0.43	113.75	199.84	71.85	SI
2 Piso	P2	Bottom	B241	-17.60	1.30	4330	3464	-2.37	-1.97	0.26	127.32	207.16	76.39	SI
2 Piso	P2	Top	B242 Lcub	-5.87	1.30	4330	3464	2.10	-1.90	0.32	125.96	209.60	75.57	SI
2 Piso	P2	Bottom	B242 Lcub	15.65	1.30	4330	3464	-3.02	-2.61	0.33	127.54	206.44	76.52	SI
2 Piso	P2	Top	B243-Wx+ Lcub	6.80	1.30	4330	3464	2.57	-1.36	0.65	113.30	187.12	67.98	SI
2 Piso	P2	Bottom	B243-Wx+ Lcub	-16.80	1.30	4330	3464	1.84	-1.84	0.29	130.67	212.96	78.24	SI
2 Piso	P2	Top	B243-Wx- Lcub	-6.80	1.30	4330	3464	2.57	-1.36	0.55	113.30	187.12	67.98	SI
2 Piso	P2	Bottom	B243-Wx- Lcub	-16.80	1.30	4330	3464	-1.84	-1.84	0.29	130.67	212.96	78.24	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P2	Top	B243-Wy+ Loub	-8.90	1.30	4330	3464	2.97	-1.36	0.55	113.30	187.12	67.88	SI
2 Piso	P2	Bottom	B243-Wy+ Loub	18.90	1.30	4330	3464	-5.64	-1.64	0.26	190.41	212.86	78.24	SI
2 Piso	P2	Top	B243-Wy- Loub	-8.90	1.30	4330	3464	2.57	-1.36	0.56	113.30	187.12	67.88	SI
2 Piso	P2	Bottom	B243-Wy- Loub	-18.90	1.30	4330	3464	1.84	-2.64	0.28	190.41	212.86	78.24	SI
2 Piso	P2	Top	B244-Wy+ Loub	-8.63	1.30	4330	3464	2.45	-1.72	0.41	121.00	200.85	72.60	SI
2 Piso	P2	Bottom	B244-Wy+ Loub	-18.53	1.30	4330	3464	-2.53	-2.39	0.31	129.10	210.82	77.46	SI
2 Piso	P2	Top	B244-Wy- Loub	-8.63	1.30	4330	3464	2.45	1.72	0.41	121.00	200.85	72.60	SI
2 Piso	P2	Bottom	B244-Wy- Loub	-18.53	1.30	4330	3464	-2.53	-2.39	0.31	129.10	210.82	77.46	SI
2 Piso	P2	Top	B244-Wy+ Loub	-8.63	1.30	4330	3464	2.45	-1.72	0.41	121.00	200.85	72.60	SI
2 Piso	P2	Bottom	B244-Wy+ Loub	-18.53	1.30	4330	3464	2.53	-2.39	0.31	129.10	210.82	77.40	SI
2 Piso	P2	Top	B244-Wy- Loub	-8.63	1.30	4330	3464	2.45	-1.72	0.41	121.00	200.85	72.60	SI
2 Piso	P2	Bottom	B244-Wy- Loub	-18.53	1.30	4330	3464	-2.53	-2.30	0.31	129.10	210.82	77.46	SI
2 Piso	P2	Top	B245-Ex+	-4.68	1.30	4330	3464	1.19	-1.12	0.38	122.04	200.60	73.22	SI
2 Piso	P2	Bottom	B245-Ex+	-14.58	1.30	4330	3464	-1.63	-1.97	0.29	129.67	212.66	77.80	SI
2 Piso	P2	Top	B245-Ex-	-8.26	1.30	4330	3464	2.32	-2.16	0.31	126.48	210.74	75.89	SI
2 Piso	P2	Bottom	B245-Ex-	-15.80	1.30	4330	3464	-3.82	-2.97	0.37	125.47	204.70	75.28	SI
2 Piso	P2	Top	B245-Ey+	-5.38	1.30	4330	3464	2.11	0.52	1.15	87.60	142.32	52.58	SI
2 Piso	P2	Bottom	B245-Ey+	-15.04	1.30	4330	3464	-0.89	-1.04	0.14	193.14	215.63	77.88	SI
2 Piso	P2	Top	B245-Ey-	-5.47	1.30	4330	3464	1.70	-0.81	0.13	190.75	215.63	78.45	SI
2 Piso	P2	Bottom	B245-Ey-	-15.38	1.30	4330	3464	-4.46	-2.65	0.48	118.93	193.33	71.36	SI
2 Piso	P2	Top	B246-Wx+	-4.81	1.30	4330	3464	1.77	-0.99	0.52	114.64	190.41	68.78	SI
2 Piso	P2	Bottom	B246-Wx+	-12.29	1.30	4330	3464	-1.42	-1.35	0.30	128.33	211.33	77.00	SI
2 Piso	P2	Top	B246-Wx-	-4.81	1.30	4330	3464	1.77	-0.99	0.52	114.64	190.41	68.78	SI
2 Piso	P2	Bottom	B246-Wx-	-12.29	1.30	4330	3464	-1.42	-1.35	0.30	128.33	211.33	77.00	SI
2 Piso	P2	Top	B246-Wy+	-4.81	1.30	4330	3464	1.77	-0.99	0.52	114.64	190.41	68.78	SI
2 Piso	P2	Bottom	B246-Wy+	-12.29	1.30	4330	3464	-1.42	-1.35	0.30	128.33	211.33	77.00	SI
2 Piso	P2	Top	B246-Wy-	-4.81	1.30	4330	3464	1.77	-0.99	0.52	114.64	190.41	68.78	SI
2 Piso	P2	Bottom	B246-Wy-	-12.29	1.30	4330	3464	-1.42	-1.35	0.30	128.33	211.33	77.00	SI
2 Piso	P2	Top	B247-Ex+	-3.15	1.30	4330	3464	0.96	-0.62	0.68	105.25	174.83	63.15	SI
2 Piso	P2	Bottom	B247-Ex+	10.74	1.30	4330	3464	-0.36	-0.55	0.20	132.08	215.63	79.24	SI
2 Piso	P2	Top	B247-Ex-	-4.81	1.30	4330	3464	1.81	-1.45	0.30	123.36	205.84	74.02	SI
2 Piso	P2	Bottom	B247-Ex-	-11.98	1.30	4330	3464	-2.66	-1.99	0.39	123.67	203.22	74.20	SI
2 Piso	P2	Top	B247-Ey+	-3.93	1.30	4330	3464	1.00	1.23	0.37	122.36	204.45	73.41	SI
2 Piso	P2	Bottom	B247-Ey+	-11.20	1.30	4330	3464	0.27	-0.85	0.09	192.18	215.63	79.31	SI
2 Piso	P2	Top	B247-Ey-	4.02	1.30	4330	3464	1.19	-0.10	0.11	190.38	215.63	78.23	SI
2 Piso	P2	Bottom	B247-Ey-	-11.54	1.30	4330	3464	-3.31	-1.88	0.67	113.23	184.95	67.84	SI
2 Piso	P2	Top	B242 G	-6.56	1.30	4330	3464	2.40	-1.95	0.36	124.00	200.20	74.40	SI
2 Piso	P2	Bottom	B242 G	-16.38	1.30	4330	3464	-2.93	-2.69	0.32	128.07	210.12	77.20	SI
2 Piso	P2	Top	B243-Wx- G	-9.00	1.30	4330	3464	3.58	-1.51	0.68	106.34	173.84	63.80	SI
2 Piso	P2	Bottom	B243-Wx- G	-19.29	1.30	4330	3464	-1.57	-2.05	0.22	134.20	215.63	80.52	SI
2 Piso	P2	Top	B243-Wy- G	-9.08	1.30	4330	3464	3.58	-1.51	0.68	106.34	173.84	63.80	SI
2 Piso	P2	Bottom	B243-Wy- G	-18.29	1.30	4330	3464	-1.57	-2.05	0.22	134.20	215.63	80.52	SI
2 Piso	P2	Top	B243-Wx+ G	-9.08	1.30	4330	3464	3.58	-1.51	0.68	106.34	173.84	63.80	SI
2 Piso	P2	Bottom	B243-Wx+ G	-19.29	1.30	4330	3464	-1.57	-2.05	0.22	134.20	215.63	80.52	SI
2 Piso	P2	Top	B243-Wy+ G	-9.08	1.30	4330	3464	3.58	-1.51	0.68	106.34	173.84	63.80	SI
2 Piso	P2	Bottom	B243-Wy+ G	-19.29	1.30	4330	3464	-1.57	-2.05	0.22	134.20	215.63	80.52	SI
2 Piso	P2	Top	B244-Wx- G	-7.32	1.30	4330	3464	2.75	-1.77	0.45	116.97	196.96	71.38	SI
2 Piso	P2	Bottom	B244-Wx- G	-17.28	1.30	4330	3464	2.45	-2.42	0.29	130.30	212.61	78.18	SI
2 Piso	P2	Top	B244-Wx+ G	-7.32	1.30	4330	3464	2.75	-1.77	0.45	116.97	196.96	71.38	SI
2 Piso	P2	Bottom	B244-Wx+ G	-17.28	1.30	4330	3464	2.45	-2.42	0.29	130.30	212.61	78.18	SI
2 Piso	P2	Top	B244-Wy- G	-7.32	1.30	4330	3464	2.75	-1.77	0.45	116.97	196.96	71.38	SI
2 Piso	P2	Bottom	B244-Wy- G	-17.28	1.30	4330	3464	2.45	-2.42	0.29	130.30	212.61	78.18	SI
2 Piso	P2	Top	B244-Wy+ G	-7.32	1.30	4330	3464	2.75	-1.77	0.45	116.97	196.96	71.38	SI
2 Piso	P2	Bottom	B244-Wy+ G	-17.28	1.30	4330	3464	2.45	-2.42	0.29	130.30	212.61	78.18	SI
2 Piso	P3A	Top	B241	-6.06	1.10	3670	2936	-6.11	1.39	1.53	74.62	120.62	44.77	SI
2 Piso	P3A	Bottom	B241	-16.09	1.10	3670	2936	1.15	0.69	0.44	104.12	167.49	62.47	SI
2 Piso	P3A	Top	B242 Loub	-5.66	1.10	3670	2936	-5.84	1.74	1.15	74.62	120.62	44.71	SI
2 Piso	P3A	Bottom	B242 Loub	-16.87	1.10	3670	2936	1.49	1.35	0.36	107.70	174.37	64.62	SI
2 Piso	P3A	Top	B243-Wx+ Loub	-6.90	1.10	3670	2936	7.30	1.50	1.66	74.83	120.62	44.90	SI
2 Piso	P3A	Bottom	B243-Wx+ Loub	-17.73	1.10	3670	2936	1.03	0.88	0.40	106.14	171.22	63.68	SI
2 Piso	P3A	Top	B243-Wx- Loub	-6.90	1.10	3670	2936	-7.30	1.50	1.66	74.83	120.62	44.90	SI
2 Piso	P3A	Bottom	B243-Wx- Loub	-17.73	1.10	3670	2936	1.03	0.88	0.40	106.14	171.22	63.68	SI
2 Piso	P3A	Top	B243-Wy+ Loub	-6.90	1.10	3670	2936	-7.30	1.50	1.66	74.83	120.62	44.90	SI
2 Piso	P3A	Bottom	B243-Wy+ Loub	-17.73	1.10	3670	2936	1.03	0.88	0.40	106.14	171.22	63.68	SI
2 Piso	P3A	Top	B243-Wy- Loub	-6.90	1.10	3670	2936	-7.30	1.50	1.66	74.83	120.62	44.90	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	-17.73	1.10	3670	2936	1.03	0.88	0.40	106.14	171.22	63.68	SI
2 Piso	P3A	Top	B244-Wx+ Loub	-6.54	1.10	3670	2936	-6.88	1.73	1.38	74.74	120.62	44.84	SI
2 Piso	P3A	Bottom	B244-Wx+ Loub	-17.72	1.10	3670	2936	1.28	1.20	0.37	107.70	173.99	64.62	SI
2 Piso	P3A	Top	B244-Wx- Loub	-6.54	1.10	3670	2936	-6.88	1.73	1.38	74.74	120.62	44.84	SI
2 Piso	P3A	Bottom	B244-Wx- Loub	-17.72	1.10	3670	2936	1.29	1.20	0.37	107.70	173.99	64.62	SI

STORY	MURO	LOC.	COMBO	Pu (ton)	Aárea (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ØVn (ton)	Cumple
2 Piso	P3A	Top	B244-Wy+ Loub	-6.54	1.10	3670	2936	-6.68	1.73	1.38	74.74	120.62	44.84	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	-17.72	1.10	3670	2936	1.29	1.20	0.37	107.70	173.99	64.62	SI
2 Piso	P3A	Top	B244-Wy- Loub	-6.54	1.10	3670	2936	-6.68	1.73	1.36	74.74	120.62	44.84	SI
2 Piso	P3A	Bottom	B244-Wy- Loub	-17.72	1.10	3670	2936	1.29	1.20	0.37	107.70	173.99	64.62	SI
2 Piso	P3A	Top	B245-Ex+	-4.88	1.10	3670	2936	-4.00	1.71	1.00	74.52	120.97	44.71	SI
2 Piso	P3A	Bottom	B245-Ex+	-15.68	1.10	3670	2936	1.25	1.21	0.35	107.68	174.84	64.61	SI
2 Piso	P3A	Top	B245-Ex-	-5.62	1.10	3670	2936	-5.66	1.25	1.54	74.51	120.62	44.71	SI
2 Piso	P3A	Bottom	B245-Ex-	-16.56	1.10	3670	2936	1.26	1.01	0.42	104.67	169.16	62.80	SI
2 Piso	P3A	Top	B245-Ey+	-5.08	1.10	3670	2936	-5.81	2.94	0.85	91.00	150.04	54.60	SI
2 Piso	P3A	Bottom	B245-Ey+	-15.83	1.10	3670	2936	3.25	2.54	0.44	103.81	167.85	62.29	SI
2 Piso	P3A	Top	B245-Ey-	6.42	1.10	3670	2936	5.03	0.02	409.20	74.40	120.62	44.58	SI
2 Piso	P3A	Bottom	B245-Ey-	-16.25	1.10	3670	2936	-0.74	0.31	0.80	88.56	137.23	51.33	SI
2 Piso	P3A	Top	B246-Wx+	-4.79	1.10	3670	2936	-5.02	1.05	1.83	74.30	120.62	44.58	SI
2 Piso	P3A	Bottom	B246-Wx+	-12.80	1.10	3670	2936	0.76	0.63	0.41	104.34	170.22	62.60	SI
2 Piso	P3A	Top	B246-Wx-	-4.79	1.10	3670	2936	5.02	1.05	1.83	74.30	120.62	44.58	SI
2 Piso	P3A	Bottom	B246-Wx-	-12.80	1.10	3670	2936	0.76	0.63	0.41	104.34	170.22	62.60	SI
2 Piso	P3A	Top	B246-Wy+	-4.79	1.10	3670	2936	-5.02	1.05	1.83	74.30	120.62	44.58	SI
2 Piso	P3A	Bottom	B246-Wy+	-12.80	1.10	3670	2936	0.76	0.63	0.41	104.34	170.22	62.60	SI
2 Piso	P3A	Top	B246-Wy-	-4.79	1.10	3670	2936	-5.02	1.05	1.83	74.30	120.62	44.58	SI
2 Piso	P3A	Bottom	B246-Wy-	-12.80	1.10	3670	2936	0.76	0.63	0.41	104.34	170.22	62.60	SI
2 Piso	P3A	Top	B247-Ex+	-3.53	1.10	3670	2936	-3.50	1.10	1.11	73.98	120.62	44.39	SI
2 Piso	P3A	Bottom	B247-Ex+	-11.09	1.10	3670	2936	0.74	0.67	0.59	105.47	172.98	63.28	SI
2 Piso	P3A	Top	B247-Ex-	-4.27	1.10	3670	2936	-4.20	0.65	2.24	74.17	120.62	44.50	SI
2 Piso	P3A	Bottom	B247-Ex-	-12.18	1.10	3670	2936	0.74	0.47	0.53	98.28	159.77	58.97	SI
2 Piso	P3A	Top	B247-Ey+	-3.73	1.10	3670	2936	-4.22	2.34	0.61	92.36	150.04	55.42	SI
2 Piso	P3A	Bottom	B247-Ey+	-11.42	1.10	3670	2936	2.74	2.00	0.47	101.27	165.40	60.76	SI
2 Piso	P3A	Top	B247-Ey-	4.06	1.10	3670	2936	-3.64	-0.58	2.12	74.12	120.62	44.47	SI
2 Piso	P3A	Bottom	B247-Ey-	-11.84	1.10	3670	2936	-1.26	-0.85	0.50	99.60	162.61	59.88	SI
2 Piso	P3A	Top	B242 G	-5.41	1.10	3670	2936	-6.73	1.89	1.22	74.71	120.62	44.82	SI
2 Piso	P3A	Bottom	B242 G	-17.62	1.10	3670	2936	1.45	1.40	0.35	108.38	175.12	65.02	SI
2 Piso	P3A	Top	B243-Wx- G	-9.24	1.10	3670	2936	-10.12	1.95	1.77	75.42	120.62	45.25	SI
2 Piso	P3A	Bottom	B243-Wx- G	-20.77	1.10	3670	2936	1.09	1.05	0.35	108.38	174.91	65.39	SI
2 Piso	P3A	Top	B243-Wy- G	9.24	1.10	3670	2936	-10.12	1.95	1.77	75.42	120.62	45.25	SI
2 Piso	P3A	Bottom	B243-Wy- G	-20.77	1.10	3670	2936	1.09	1.05	0.35	108.38	174.91	65.39	SI
2 Piso	P3A	Top	B243-Wx+ G	-9.24	1.10	3670	2936	-10.12	1.95	1.77	75.42	120.62	45.25	SI
2 Piso	P3A	Bottom	B243-Wx+ G	-20.77	1.10	3670	2936	1.09	1.05	0.35	108.38	174.91	65.39	SI
2 Piso	P3A	Top	B243-Wy- G	-9.24	1.10	3670	2936	-10.12	1.95	1.77	75.42	120.62	45.25	SI
2 Piso	P3A	Bottom	B243-Wy- G	-20.77	1.10	3670	2936	1.09	1.05	0.35	108.38	174.91	65.39	SI
2 Piso	P3A	Top	B244-Wx- G	-7.27	1.10	3670	2936	-7.76	1.87	1.42	74.92	120.62	44.95	SI
2 Piso	P3A	Bottom	B244-Wx- G	-18.67	1.10	3670	2936	1.31	1.26	0.36	108.42	174.84	65.05	SI
2 Piso	P3A	Top	B244-Wx+ G	-7.27	1.10	3670	2936	-7.76	1.87	1.42	74.92	120.62	44.95	SI
2 Piso	P3A	Bottom	B244-Wx+ G	-18.67	1.10	3670	2936	1.31	1.26	0.36	108.42	174.84	65.05	SI
2 Piso	P3A	Top	B244-Wy- G	-7.27	1.10	3670	2936	-7.76	1.87	1.42	74.92	120.62	44.95	SI
2 Piso	P3A	Bottom	B244-Wy- G	-18.67	1.10	3670	2936	1.31	1.26	0.36	108.42	174.84	65.05	SI
2 Piso	P3A	Top	B244-Wy+ G	7.27	1.10	3670	2936	-7.76	1.87	1.42	74.92	120.62	44.95	SI
2 Piso	P3A	Bottom	B244-Wy+ G	-18.67	1.10	3670	2936	1.31	1.26	0.36	108.42	174.84	65.05	SI
2 Piso	P3B	Top	B241	-5.91	1.07	3580	2848	4.22	-1.75	0.85	79.46	128.51	47.88	SI
2 Piso	P3B	Bottom	B241	-17.38	1.07	3580	2848	-1.94	-3.07	0.63	92.08	148.70	55.25	SI
2 Piso	P3B	Top	B242 Loub	-5.62	1.07	3580	2848	4.02	-2.19	0.64	88.77	146.15	53.96	SI
2 Piso	P3B	Bottom	B242 Loub	-15.07	1.07	3580	2848	2.49	-1.63	0.54	96.25	154.77	57.75	SI
2 Piso	P3B	Top	B243-Wx+ Loub	-6.73	1.07	3580	2848	5.01	-1.87	0.94	75.40	121.97	45.24	SI
2 Piso	P3B	Bottom	B243-Wx+ Loub	-18.84	1.07	3580	2848	-1.82	-1.03	0.62	92.47	147.89	55.48	SI
2 Piso	P3B	Top	B243-Wx- Loub	-6.73	1.07	3580	2848	5.01	-1.87	0.94	75.40	121.97	45.24	SI
2 Piso	P3B	Bottom	B243-Wx- Loub	-18.84	1.07	3580	2848	-1.82	-1.03	0.62	92.47	147.89	55.48	SI
2 Piso	P3B	Top	B243-Wy+ Loub	-6.73	1.07	3580	2848	5.01	-1.87	0.94	75.40	121.97	45.24	SI
2 Piso	P3B	Bottom	B243-Wy+ Loub	-18.84	1.07	3580	2848	-1.82	-1.03	0.62	92.47	147.89	55.48	SI
2 Piso	P3B	Top	B243-Wy- Loub	-6.73	1.07	3580	2848	5.01	-1.87	0.94	75.40	121.97	45.24	SI
2 Piso	P3B	Bottom	B243-Wy- Loub	-18.84	1.07	3580	2848	-1.82	-1.03	0.62	92.47	147.89	55.48	SI
2 Piso	P3B	Top	B244-Wx+ Loub	-6.37	1.07	3580	2848	4.72	-2.16	0.77	83.27	138.06	49.96	SI
2 Piso	P3B	Bottom	B244-Wx+ Loub	-16.78	1.07	3580	2848	-2.28	-1.43	0.56	95.38	152.88	57.23	SI
2 Piso	P3B	Top	B244-Wx- Loub	-6.37	1.07	3580	2848	4.72	-2.16	0.77	83.27	138.06	49.96	SI
2 Piso	P3B	Bottom	B244-Wx- Loub	-16.78	1.07	3580	2848	-2.28	-1.43	0.56	95.38	152.88	57.23	SI
2 Piso	P3B	Top	B244-Wy+ Loub	-6.37	1.07	3580	2848	4.72	-2.16	0.77	83.27	138.06	49.96	SI
2 Piso	P3B	Bottom	B244-Wy+ Loub	-16.78	1.07	3580	2848	-2.28	-1.43	0.56	95.38	152.88	57.23	SI
2 Piso	P3B	Top	B244-Wy- Loub	-6.37	1.07	3580	2848	4.72	-2.16	0.77	83.27	138.06	49.96	SI
2 Piso	P3B	Bottom	B244-Wy- Loub	-16.78	1.07	3580	2848	-2.28	-1.43	0.56	95.38	152.88	57.23	SI
2 Piso	P3B	Top	B245-Ex+	-4.74	1.07	3580	2848	3.46	-2.23	0.54	83.08	134.15	55.85	SI
2 Piso	P3B	Bottom	B245-Ex+	-14.66	1.07	3580	2848	-2.01	-1.46	0.48	98.45	159.15	59.37	SI
2 Piso	P3B	Top	B245-Ex-	-5.49	1.07	3580	2848	3.68	1.53	0.88	77.45	126.14	46.47	SI
2 Piso	P3B	Bottom	B245-Ex-	-15.70	1.07	3580	2848	-2.30	-1.23	0.66	90.71	145.06	54.42	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	ϕ (mm)	M33 (Ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ϕVn (ton)	Cumple
2 Piso	P3B	Top	B245-Ey+	-6.30	1.07	3560	2848	3.87	-0.42	2.61	72.24	117.01	43.34	SI
2 Piso	P3B	Bottom	B245-Ey+	-15.52	1.07	3560	2848	-0.87	0.06	0.99	75.42	118.11	45.25	SI
2 Piso	P3B	Top	B245-Ey-	-4.92	1.07	3560	2848	3.72	-3.27	0.40	99.96	166.05	59.82	SI
2 Piso	P3B	Bottom	B245-Ey-	-15.03	1.07	3560	2848	-4.14	-2.75	0.53	98.41	155.46	57.84	SI
2 Piso	P3B	Top	B246-Wx+	-4.66	1.07	3560	2848	3.45	-1.32	0.92	75.97	123.88	45.58	SI
2 Piso	P3B	Bottom	B246-Wx+	-12.19	1.07	3560	2848	-1.33	-0.75	0.63	91.16	147.44	54.70	SI
2 Piso	P3B	Top	B246-Wx-	-4.88	1.07	3560	2848	3.45	-1.32	0.92	75.97	123.88	45.58	SI
2 Piso	P3B	Bottom	B246-Wx-	-12.19	1.07	3560	2848	-1.33	-0.75	0.63	91.16	147.44	54.70	SI
2 Piso	P3B	Top	B246-Wy+	-4.88	1.07	3560	2848	3.45	-1.32	0.92	75.97	123.88	45.58	SI
2 Piso	P3B	Bottom	B246-Wy+	-12.19	1.07	3560	2848	-1.33	-0.75	0.63	91.16	147.44	54.70	SI
2 Piso	P3B	Top	B246-Wy-	-4.88	1.07	3560	2848	3.45	-1.32	0.92	75.97	123.88	45.58	SI
2 Piso	P3B	Bottom	B246-Wy-	-12.19	1.07	3560	2848	-1.33	-0.75	0.63	91.16	147.44	54.70	SI
2 Piso	P3B	Top	B247-Ex+	-3.43	1.07	3560	2848	2.50	1.47	0.60	90.36	146.90	54.22	SI
2 Piso	P3B	Bottom	B247-Ex+	-10.74	1.07	3560	2848	-1.10	-0.60	0.48	87.51	159.31	58.57	SI
2 Piso	P3B	Top	B247-Ex-	-4.18	1.07	3560	2848	2.92	-0.78	1.32	71.96	117.01	43.16	SI
2 Piso	P3B	Bottom	B247-Ex-	-11.58	1.07	3560	2848	-1.39	-0.57	0.85	90.72	129.23	48.43	SI
2 Piso	P3B	Top	B247-Ey+	-4.00	1.07	3560	2848	2.86	0.27	3.49	71.97	117.01	43.15	SI
2 Piso	P3B	Bottom	B247-Ey+	-11.41	1.07	3560	2848	0.74	0.72	0.38	103.13	168.87	61.58	SI
2 Piso	P3B	Top	B247-Ey-	-3.81	1.07	3560	2848	2.76	-2.52	0.38	100.15	167.14	60.09	SI
2 Piso	P3B	Bottom	B247-Ey-	-11.81	1.07	3560	2848	-3.23	-2.10	0.54	94.78	154.97	56.80	SI
2 Piso	P3B	Top	B242 G	-8.23	1.07	3560	2848	4.81	-2.35	0.69	86.85	142.45	52.11	SI
2 Piso	P3B	Bottom	B242 G	-16.81	1.07	3560	2848	-2.58	-1.67	0.54	96.47	154.79	57.36	SI
2 Piso	P3B	Top	B243-Wx- G	-9.00	1.07	3560	2848	6.92	-2.38	1.02	73.16	117.01	43.90	SI
2 Piso	P3B	Bottom	B243-Wx- G	-19.53	1.07	3560	2848	-2.04	-1.17	0.81	93.69	148.66	56.21	SI
2 Piso	P3B	Top	B243-Wy- G	-9.00	1.07	3560	2848	6.92	-2.38	1.02	73.16	117.01	43.90	SI
2 Piso	P3B	Bottom	B243-Wy- G	-19.53	1.07	3560	2848	-2.04	-1.17	0.81	93.69	148.66	56.21	SI
2 Piso	P3B	Top	B243-Wx+ G	9.00	1.07	3560	2848	6.82	-2.39	1.02	73.16	117.01	43.90	SI
2 Piso	P3B	Bottom	B243-Wx+ G	-18.53	1.07	3560	2848	-2.04	-1.17	0.81	93.69	148.66	56.21	SI
2 Piso	P3B	Top	B243-Wy+ G	-9.00	1.07	3560	2848	6.82	-2.39	1.02	73.16	117.01	43.90	SI
2 Piso	P3B	Bottom	B243-Wy+ G	-19.53	1.07	3560	2848	-2.04	-1.17	0.81	93.69	148.66	56.21	SI
2 Piso	P3B	Top	B244-Wx- G	-7.08	1.07	3560	2848	5.32	-2.32	0.80	81.72	130.00	49.00	SI
2 Piso	P3B	Bottom	B244-Wx- G	-17.60	1.07	3560	2848	-2.34	-1.47	0.56	95.63	152.98	57.36	SI
2 Piso	P3B	Top	B244-Wx- G	-7.08	1.07	3560	2848	5.32	-2.32	0.80	81.72	130.00	49.00	SI
2 Piso	P3B	Bottom	B244-Wx+ G	-17.60	1.07	3560	2848	-2.34	-1.47	0.56	95.63	152.98	57.36	SI
2 Piso	P3B	Top	B244-Wy- G	-7.08	1.07	3560	2848	5.32	-2.32	0.80	81.72	130.00	49.00	SI
2 Piso	P3B	Bottom	B244-Wy- G	-17.60	1.07	3560	2848	-2.34	-1.47	0.56	95.63	152.98	57.36	SI
2 Piso	P3B	Top	B244-Wy+ G	-7.08	1.07	3560	2848	5.32	-2.32	0.80	81.72	130.00	49.00	SI
2 Piso	P3B	Bottom	B244-Wy+ G	-17.60	1.07	3560	2848	-2.34	-1.47	0.56	95.63	152.98	57.36	SI
2 Piso	P4	Top	B241	-8.91	1.34	4480	3584	-3.28	0.84	1.09	90.87	147.25	54.58	SI
2 Piso	P4	Bottom	B241	-18.89	1.34	4480	3584	1.18	1.80	0.25	138.58	223.10	83.16	SI
2 Piso	P4	Top	B242 Loub	-8.42	1.34	4480	3584	-3.10	1.48	0.58	115.30	186.51	69.18	SI
2 Piso	P4	Bottom	B242 Loub	-17.51	1.34	4480	3584	2.50	2.09	0.33	192.15	215.51	76.28	SI
2 Piso	P4	Top	B243-Wx+ Loub	-7.70	1.34	4480	3584	-3.89	0.77	1.41	81.16	147.25	54.70	SI
2 Piso	P4	Bottom	B243-Wx+ Loub	-18.09	1.34	4480	3584	0.47	1.12	0.12	138.38	223.10	83.03	SI
2 Piso	P4	Top	B243-Wx- Loub	-7.70	1.34	4480	3584	-3.89	0.77	1.41	81.16	147.25	54.70	SI
2 Piso	P4	Bottom	B243-Wx- Loub	-18.09	1.34	4480	3584	0.47	1.12	0.12	138.38	223.10	83.03	SI
2 Piso	P4	Top	B243-Wy+ Loub	-7.70	1.34	4480	3584	-3.89	0.77	1.41	81.16	147.25	54.70	SI
2 Piso	P4	Bottom	B243-Wy+ Loub	-18.09	1.34	4480	3584	0.47	1.12	0.12	138.38	223.10	83.03	SI
2 Piso	P4	Top	B243-Wy- Loub	-7.70	1.34	4480	3584	-3.89	0.77	1.41	81.16	147.25	54.70	SI
2 Piso	P4	Bottom	B243-Wy- Loub	-18.09	1.34	4480	3584	0.47	1.12	0.12	138.38	223.10	83.03	SI
2 Piso	P4	Top	B244-Wx+ Loub	-7.32	1.34	4480	3584	-3.83	1.23	0.82	101.35	165.44	60.81	SI
2 Piso	P4	Bottom	B244-Wx+ Loub	-18.06	1.34	4480	3584	1.82	1.72	0.26	138.60	223.06	81.96	SI
2 Piso	P4	Top	B244-Wx- Loub	-7.32	1.34	4480	3584	-3.83	1.23	0.82	101.35	165.44	60.81	SI
2 Piso	P4	Bottom	B244-Wx- Loub	-18.06	1.34	4480	3584	1.82	1.72	0.26	138.60	223.06	81.96	SI
2 Piso	P4	Top	B244-Wy+ Loub	-7.32	1.34	4480	3584	-3.83	1.23	0.82	101.35	165.44	60.81	SI
2 Piso	P4	Bottom	B244-Wy+ Loub	-18.06	1.34	4480	3584	1.82	1.72	0.26	138.60	223.06	81.96	SI
2 Piso	P4	Top	B244-Wy- Loub	-7.32	1.34	4480	3584	-3.83	1.23	0.82	101.35	165.44	60.81	SI
2 Piso	P4	Bottom	B244-Wy- Loub	-18.06	1.34	4480	3584	1.82	1.72	0.26	138.60	223.06	81.96	SI
2 Piso	P4	Top	B245-Ex+	-5.36	1.34	4480	3584	-2.52	0.69	1.32	90.58	147.25	54.35	SI
2 Piso	P4	Bottom	B245-Ex+	-15.99	1.34	4480	3584	1.98	1.69	0.33	132.30	216.36	79.06	SI
2 Piso	P4	Top	B245-Ex-	-8.61	1.34	4480	3584	-3.18	1.71	0.52	118.87	196.78	71.92	SI
2 Piso	P4	Bottom	B245-Ex-	17.24	1.34	4480	3584	2.04	1.75	0.33	132.52	216.37	78.57	SI
2 Piso	P4	Top	B245-Ey+	-8.05	1.34	4480	3584	-2.65	3.87	0.20	135.37	220.10	81.22	SI
2 Piso	P4	Bottom	B245-Ey+	-16.04	1.34	4480	3584	4.12	2.24	0.51	121.80	197.14	72.96	SI
2 Piso	P4	Top	B245-Ey-	-5.91	1.34	4480	3584	-3.01	-1.27	0.66	110.10	181.69	66.11	SI
2 Piso	P4	Bottom	B245-Ey-	-18.50	1.34	4480	3584	-0.10	1.20	0.02	138.01	223.10	82.90	SI
2 Piso	P4	Top	B246-Wx+	-5.39	1.34	4480	3584	-2.66	0.56	1.31	90.58	147.25	54.35	SI
2 Piso	P4	Bottom	B246-Wx+	-13.14	1.34	4480	3584	0.47	0.84	0.19	137.15	223.10	82.29	SI
2 Piso	P4	Top	B246-Wx-	-5.39	1.34	4480	3584	-2.66	0.56	1.31	90.58	147.25	54.35	SI
2 Piso	P4	Bottom	B246-Wx-	-13.14	1.34	4480	3584	0.47	0.84	0.19	137.15	223.10	82.29	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Nsu (Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P4	Top	B248-Wy+	-5.38	1.34	4480	3584	-2.66	0.56	1.31	90.56	147.25	54.35	SI
2 Piso	P4	Bottom	B248-Wy+	-13.14	1.34	4480	3584	0.47	0.84	0.16	337.15	223.10	82.29	SI
2 Piso	P4	Top	B248-Wy-	-5.38	1.34	4480	3584	-2.66	0.56	1.31	90.56	147.25	54.35	SI
2 Piso	P4	Bottom	B248-Wy-	13.14	1.34	4480	3584	0.47	0.84	0.16	337.15	223.10	82.29	SI
2 Piso	P4	Top	B247-Ex+	3.82	1.34	4480	3584	-1.79	0.03	15.23	80.20	147.25	54.52	SI
2 Piso	P4	Bottom	B247-Ex+	-11.51	1.34	4480	3584	0.71	0.81	0.20	135.74	223.10	82.04	SI
2 Piso	P4	Top	B247-Ex-	-5.07	1.34	4480	3584	-2.43	1.05	0.65	110.06	183.42	66.57	SI
2 Piso	P4	Bottom	B247-Ex-	-12.77	1.34	4480	3584	0.77	0.86	0.25	135.66	224.08	81.52	SI
2 Piso	P4	Top	B247-Ey+	-4.52	1.34	4480	3584	-1.92	3.61	0.18	134.09	223.10	80.99	SI
2 Piso	P4	Bottom	B247-Ey+	-12.18	1.34	4480	3584	2.88	1.36	0.59	114.12	189.43	69.67	SI
2 Piso	P4	Top	B247-Ey-	-8.37	1.34	4480	3584	-2.30	-1.99	0.33	529.08	215.76	77.44	SI
2 Piso	P4	Bottom	B247-Ey-	-12.11	1.34	4480	3584	-1.37	0.31	1.22	92.27	147.25	55.28	SI
2 Piso	P4	Top	B242 G	-7.18	1.34	4480	3584	-3.55	3.51	0.65	111.12	162.79	60.67	SI
2 Piso	P4	Bottom	B242 G	-18.13	1.34	4480	3584	2.78	2.08	0.30	134.10	216.63	80.47	SI
2 Piso	P4	Top	B243-Wx- G	10.12	1.34	4480	3584	-6.30	0.83	1.70	91.77	147.25	55.06	SI
2 Piso	P4	Bottom	B243-Wx- G	-20.70	1.34	4480	3584	-0.25	1.13	0.06	139.03	223.10	83.42	SI
2 Piso	P4	Top	B243-Wy- G	-10.12	1.34	4480	3584	-6.30	0.83	1.78	91.77	147.25	55.06	SI
2 Piso	P4	Bottom	B243-Wy- G	-20.70	1.34	4480	3584	-0.25	1.13	0.09	139.03	223.10	83.42	SI
2 Piso	P4	Top	B243 Wx+ G	-10.12	1.34	4480	3584	-6.30	0.83	1.78	91.77	147.25	55.06	SI
2 Piso	P4	Bottom	B243 Wx+ G	-20.70	1.34	4480	3584	-0.25	1.13	0.06	139.03	223.10	83.42	SI
2 Piso	P4	Top	B243-Wy+ G	-10.12	1.34	4480	3584	-6.30	0.83	1.78	91.77	147.25	55.06	SI
2 Piso	P4	Bottom	B243-Wy+ G	-20.70	1.34	4480	3584	-0.25	1.13	0.06	139.03	223.10	83.42	SI
2 Piso	P4	Top	B244-Wx- G	-6.06	1.34	4480	3584	-4.08	1.25	0.91	96.49	156.50	57.90	SI
2 Piso	P4	Bottom	B244-Wx- G	-18.87	1.34	4480	3584	1.39	1.73	0.22	138.58	223.10	83.15	SI
2 Piso	P4	Top	B244 Wx+ G	-6.06	1.34	4480	3584	-4.08	1.25	0.91	96.49	156.50	57.90	SI
2 Piso	P4	Bottom	B244 Wx+ G	-18.87	1.34	4480	3584	1.39	1.73	0.22	138.58	223.10	83.15	SI
2 Piso	P4	Top	B244-Wy+ G	-6.06	1.34	4480	3584	-4.08	1.25	0.91	96.49	156.50	57.90	SI
2 Piso	P4	Bottom	B244-Wy+ G	-18.87	1.34	4480	3584	1.39	1.73	0.22	138.58	223.10	83.15	SI
2 Piso	P4	Top	B244 Wy+ G	-6.06	1.34	4480	3584	-4.08	1.25	0.91	96.49	156.50	57.90	SI
2 Piso	P4	Bottom	B244 Wy+ G	-18.87	1.34	4480	3584	1.39	1.73	0.22	138.58	223.10	83.15	SI
2 Piso	P5	Top	B241	-2.77	0.82	2720	2176	-0.90	-0.18	2.20	54.87	89.40	32.92	SI
2 Piso	P5	Bottom	B241	-12.85	0.82	2720	2176	-0.72	-2.65	0.12	84.37	135.45	50.62	SI
2 Piso	P5	Top	B242 Loub	-2.65	0.82	2720	2176	-0.76	-0.16	2.20	54.82	89.40	32.89	SI
2 Piso	P5	Bottom	B242 Loub	-11.18	0.82	2720	2176	-0.10	-3.73	0.14	84.07	135.45	50.44	SI
2 Piso	P5	Top	B243 Wx+ Loub	-3.14	0.82	2720	2176	-1.06	-0.32	1.53	54.87	89.40	32.96	SI
2 Piso	P5	Bottom	B243 Wx+ Loub	-11.89	0.82	2720	2176	-0.75	-2.08	0.17	84.24	135.45	50.55	SI
2 Piso	P5	Top	B243-Wx- Loub	-3.14	0.82	2720	2176	-1.06	-0.32	1.53	54.87	89.40	32.96	SI
2 Piso	P5	Bottom	B243-Wx- Loub	-11.89	0.82	2720	2176	-0.75	-2.08	0.17	84.24	135.45	50.55	SI
2 Piso	P5	Top	B243-Wy+ Loub	-3.14	0.82	2720	2176	-1.06	-0.32	1.53	54.87	89.40	32.96	SI
2 Piso	P5	Bottom	B243-Wy+ Loub	-11.89	0.82	2720	2176	-0.75	-2.08	0.17	84.24	135.45	50.55	SI
2 Piso	P5	Top	B243-Wy- Loub	-3.14	0.82	2720	2176	-1.06	-0.32	1.53	54.87	89.40	32.96	SI
2 Piso	P5	Bottom	B243-Wy- Loub	-11.89	0.82	2720	2176	-0.75	-2.08	0.17	84.24	135.45	50.55	SI
2 Piso	P5	Top	B244-Wx+ Loub	-2.95	0.82	2720	2176	-0.94	-0.26	1.69	54.92	89.40	32.95	SI
2 Piso	P5	Bottom	B244-Wx+ Loub	-11.75	0.82	2720	2176	-1.01	-3.06	0.15	84.21	135.45	50.53	SI
2 Piso	P5	Top	B244-Wx- Loub	-2.95	0.82	2720	2176	-0.84	-0.26	1.69	54.92	89.40	32.95	SI
2 Piso	P5	Bottom	B244-Wx- Loub	-11.75	0.82	2720	2176	-1.01	-3.06	0.15	84.21	135.45	50.53	SI
2 Piso	P5	Top	B244 Wy+ Loub	-2.95	0.82	2720	2176	-0.94	-0.26	1.69	54.92	89.40	32.95	SI
2 Piso	P5	Bottom	B244-Wy+ Loub	-11.75	0.82	2720	2176	-1.01	-3.06	0.15	84.21	135.45	50.53	SI
2 Piso	P5	Top	B244-Wy- Loub	-2.95	0.82	2720	2176	-0.94	-0.26	1.69	54.92	89.40	32.95	SI
2 Piso	P5	Bottom	B244-Wy- Loub	-11.75	0.82	2720	2176	-1.01	-3.06	0.15	84.21	135.45	50.53	SI
2 Piso	P5	Top	B245-Ex+	-2.01	0.82	2720	2176	-0.80	0.38	7.03	54.68	89.40	32.81	SI
2 Piso	P5	Bottom	B245-Ex+	-8.55	0.82	2720	2176	-0.43	-2.17	0.09	83.41	135.45	50.05	SI
2 Piso	P5	Top	B245-Ex-	-2.79	0.82	2720	2176	-0.85	-0.63	0.47	73.44	122.26	44.06	SI
2 Piso	P5	Bottom	B245-Ex-	-13.02	0.82	2720	2176	-3.97	-4.28	0.15	84.53	135.45	50.72	SI
2 Piso	P5	Top	B245-Ey+	2.26	0.82	2720	2176	-0.07	0.92	0.48	73.04	121.77	43.83	SI
2 Piso	P5	Bottom	B245-Ey+	-11.70	0.82	2720	2176	-0.24	-3.26	0.09	84.20	135.45	50.52	SI
2 Piso	P5	Top	B245-Ey-	-2.49	0.82	2720	2176	-0.49	-1.20	0.19	81.89	135.45	49.14	SI
2 Piso	P5	Bottom	B245-Ey-	-9.67	0.82	2720	2176	-1.50	-3.17	0.23	83.74	135.45	50.24	SI
2 Piso	P5	Top	B248 Wx+	-2.18	0.82	2720	2176	-0.73	-0.20	1.85	54.73	89.40	32.84	SI
2 Piso	P5	Bottom	B248-Wx+	-8.89	0.82	2720	2176	-0.53	-1.60	0.15	83.43	135.45	50.06	SI
2 Piso	P5	Top	B248-Wx-	-2.18	0.82	2720	2176	-0.73	-0.20	1.85	54.73	89.40	32.84	SI
2 Piso	P5	Bottom	B248-Wx-	-8.63	0.82	2720	2176	-0.53	-1.60	0.15	83.43	135.45	50.06	SI
2 Piso	P5	Top	B248-Wy+	-2.18	0.82	2720	2176	-0.73	0.20	1.85	54.73	89.40	32.84	SI
2 Piso	P5	Bottom	B248-Wy+	-8.63	0.82	2720	2176	-0.53	1.60	0.15	83.43	135.45	50.06	SI
2 Piso	P5	Top	B248-Wy-	-2.18	0.82	2720	2176	-0.73	-0.20	1.85	54.73	89.40	32.84	SI
2 Piso	P5	Bottom	B248-Wy-	-8.63	0.82	2720	2176	-0.53	-1.60	0.15	83.43	135.45	50.06	SI
2 Piso	P5	Top	B247-Ex+	-1.42	0.82	2720	2176	-0.65	0.37	0.60	61.60	101.79	36.90	SI
2 Piso	P5	Bottom	B247-Ex+	-5.73	0.82	2720	2176	0.01	-0.66	0.00	82.70	135.45	49.62	SI
2 Piso	P5	Top	B247-Ex-	-2.14	0.82	2720	2176	-0.50	-0.62	0.38	78.89	129.27	46.01	SI
2 Piso	P5	Bottom	B247 Ex-	-10.20	0.82	2720	2176	-0.83	-2.75	0.15	83.82	135.45	50.29	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P5	Top	B247-Ey+	-4.88	0.82	2720	2176	-0.62	0.94	0.40	75.73	126.78	45.44	SI
2 Piso	P5	Bottom	B247-Ey+	-6.87	0.82	2720	2176	-0.20	-1.75	0.05	83.40	135.45	50.09	SI
2 Piso	P5	Top	B247-Ey-	-1.89	0.82	2720	2176	-0.34	-1.18	0.13	81.75	135.45	49.05	SI
2 Piso	P5	Bottom	B247-Ey-	-7.05	0.82	2720	2176	-1.12	-1.86	0.31	80.30	132.48	48.18	SI
2 Piso	P5	Top	B242 G	-2.87	0.82	2720	2176	-0.69	-0.23	1.80	54.30	89.40	32.94	SI
2 Piso	P5	Bottom	B242 G	-11.70	0.82	2720	2176	-1.18	-3.65	0.16	84.26	135.45	50.52	SI
2 Piso	P5	Top	B243-Wx- G	-4.18	0.82	2720	2176	-1.45	-0.53	1.25	55.23	89.40	33.14	SI
2 Piso	P5	Bottom	B243-Wx- G	-13.63	0.82	2720	2176	-0.94	-1.80	0.24	84.68	135.45	50.81	SI
2 Piso	P5	Top	B243-Wy- G	-4.18	0.82	2720	2176	-1.45	-0.53	1.25	55.23	89.40	33.14	SI
2 Piso	P5	Bottom	B243-Wy- G	-13.63	0.82	2720	2176	-0.94	-1.80	0.24	84.68	135.45	50.81	SI
2 Piso	P5	Top	B243-Wx+ G	-4.18	0.82	2720	2176	-1.45	-0.53	1.25	55.23	89.40	33.14	SI
2 Piso	P5	Bottom	B243-Wx+ G	-13.63	0.82	2720	2176	-0.94	-1.80	0.24	84.68	135.45	50.81	SI
2 Piso	P5	Top	B243-Wy+ G	-4.18	0.82	2720	2176	-1.45	-0.53	1.25	55.23	89.40	33.14	SI
2 Piso	P5	Bottom	B243-Wy+ G	-13.63	0.82	2720	2176	-0.94	-1.80	0.24	84.68	135.45	50.81	SI
2 Piso	P5	Top	B244-Wx- G	-3.28	0.82	2720	2176	-1.07	-0.32	1.51	55.00	89.40	33.00	SI
2 Piso	P5	Bottom	B244-Wx- G	-12.30	0.82	2720	2176	-1.06	-2.98	0.16	84.35	135.45	50.61	SI
2 Piso	P5	Top	B244-Wx+ G	-3.28	0.82	2720	2176	-1.07	-0.32	1.51	55.00	89.40	33.00	SI
2 Piso	P5	Bottom	B244-Wx+ G	-12.30	0.82	2720	2176	-1.06	-2.98	0.16	84.35	135.45	50.61	SI
2 Piso	P5	Top	B244-Wy- G	-3.28	0.82	2720	2176	-1.07	-0.32	1.51	55.00	89.40	33.00	SI
2 Piso	P5	Bottom	B244-Wy- G	-12.30	0.82	2720	2176	-1.06	-2.98	0.16	84.35	135.45	50.61	SI
2 Piso	P5	Top	B244 Wy+ G	-3.28	0.82	2720	2176	-1.07	-0.32	1.51	55.00	89.40	33.00	SI
2 Piso	P5	Bottom	B244-Wy+ G	-12.30	0.82	2720	2176	-1.06	-2.98	0.16	84.35	135.45	50.81	SI
2 Piso	P7	Top	B241	-23.84	3.53	12580	10072	-1.48	-0.24	0.62	288.23	489.78	178.94	SI
2 Piso	P7	Bottom	B241	-84.15	3.53	12580	10072	2.86	-0.75	0.35	348.80	580.83	209.28	SI
2 Piso	P7	Top	B242 Loub	-21.00	3.53	12580	10072	2.16	-0.31	0.70	285.14	488.92	171.09	SI
2 Piso	P7	Bottom	B242 Loub	-57.70	3.53	12580	10072	-2.47	0.66	0.37	348.10	555.51	208.51	SI
2 Piso	P7	Top	B243-Wx+ Loub	-27.31	3.53	12580	10072	-2.22	-0.09	2.54	240.90	386.22	144.54	SI
2 Piso	P7	Bottom	B243-Wx+ Loub	-62.98	3.53	12580	10072	1.61	-0.52	0.31	354.73	571.83	212.84	SI
2 Piso	P7	Top	B243-Wx- Loub	-27.31	3.53	12580	10072	-2.22	-0.09	2.54	240.90	386.22	144.54	SI
2 Piso	P7	Bottom	B243-Wx- Loub	-62.98	3.53	12580	10072	1.61	-0.52	0.31	354.73	571.83	212.84	SI
2 Piso	P7	Top	B243-Wy+ Loub	-27.31	3.53	12580	10072	-2.22	-0.09	2.54	240.90	386.22	144.54	SI
2 Piso	P7	Bottom	B243-Wy+ Loub	-62.98	3.53	12580	10072	1.61	-0.52	0.31	354.73	571.83	212.84	SI
2 Piso	P7	Top	B243-Wy- Loub	-27.31	3.53	12580	10072	-2.22	-0.09	2.54	240.90	386.22	144.54	SI
2 Piso	P7	Bottom	B243-Wy- Loub	-62.98	3.53	12580	10072	1.61	-0.52	0.31	354.73	571.83	212.84	SI
2 Piso	P7	Top	B244-Wx+ Loub	-25.52	3.53	12580	10072	-2.41	-0.20	1.22	240.45	386.22	144.27	SI
2 Piso	P7	Bottom	B244-Wx+ Loub	-61.58	3.53	12580	10072	1.10	-0.58	0.19	366.50	585.18	219.90	SI
2 Piso	P7	Top	B244 Wx- Loub	-25.52	3.53	12580	10072	-2.41	-0.20	1.22	240.45	386.22	144.27	SI
2 Piso	P7	Bottom	B244-Wx- Loub	-61.58	3.53	12580	10072	-1.10	-0.58	0.19	366.50	585.18	219.90	SI
2 Piso	P7	Top	B244-Wy+ Loub	-25.52	3.53	12580	10072	-2.41	-0.20	1.22	240.45	386.22	144.27	SI
2 Piso	P7	Bottom	B244-Wy+ Loub	-61.58	3.53	12580	10072	-1.10	-0.58	0.19	366.50	585.18	219.90	SI
2 Piso	P7	Top	B244-Wy- Loub	-25.52	3.53	12580	10072	-2.41	-0.20	1.22	240.45	386.22	144.27	SI
2 Piso	P7	Bottom	B244-Wy- Loub	-61.58	3.53	12580	10072	-1.10	-0.58	0.19	366.50	585.18	219.90	SI
2 Piso	P7	Top	B245-Ex+	-20.10	3.53	12580	10072	-1.21	1.00	0.12	366.13	585.18	219.68	SI
2 Piso	P7	Bottom	B245 Ex+	-54.03	3.53	12580	10072	7.77	-0.39	1.97	241.58	386.22	144.95	SI
2 Piso	P7	Top	B245-Ex-	-20.54	3.53	12580	10072	-2.17	-1.97	0.14	358.24	585.18	214.74	SI
2 Piso	P7	Bottom	B245-Ex-	-57.04	3.53	12580	10072	-8.66	-0.90	0.60	259.75	404.66	155.25	SI
2 Piso	P7	Top	B246-Ey+	-20.30	3.53	12580	10072	-5.38	15.96	0.00	356.19	585.18	213.71	SI
2 Piso	P7	Bottom	B246-Ey+	-55.70	3.53	12580	10072	48.33	23.74	0.20	365.03	585.18	219.02	SI
2 Piso	P7	Top	B245-Ey-	-20.91	3.53	12580	10072	2.00	16.53	0.01	356.10	585.18	213.71	SI
2 Piso	P7	Bottom	B246-Ey-	-55.30	3.53	12580	10072	-49.52	-25.08	0.20	364.85	585.18	218.97	SI
2 Piso	P7	Top	B246-Wx+	-18.95	3.53	12580	10072	-1.48	-0.09	1.58	238.81	386.22	143.28	SI
2 Piso	P7	Bottom	B246-Wx+	-45.45	3.53	12580	10072	1.38	-0.42	0.32	348.19	568.01	208.91	SI
2 Piso	P7	Top	B246-Wx-	-18.95	3.53	12580	10072	-1.48	-0.09	1.58	238.81	386.22	143.28	SI
2 Piso	P7	Bottom	B246 Wx-	-45.45	3.53	12580	10072	1.38	-0.42	0.32	348.19	568.01	208.91	SI
2 Piso	P7	Top	B246 Wy+	-18.95	3.53	12580	10072	-1.48	-0.09	1.58	238.81	386.22	143.28	SI
2 Piso	P7	Bottom	B246-Wy+	-45.45	3.53	12580	10072	1.38	-0.42	0.32	348.19	568.01	208.91	SI
2 Piso	P7	Top	B246-Wy-	-18.95	3.53	12580	10072	-1.48	-0.09	1.58	238.81	386.22	143.28	SI
2 Piso	P7	Bottom	B246-Wy-	-45.45	3.53	12580	10072	1.38	-0.42	0.32	348.19	568.01	208.91	SI
2 Piso	P7	Top	B247-Ex+	-15.11	3.53	12580	10072	-0.47	1.10	0.04	364.88	585.18	212.99	SI
2 Piso	P7	Bottom	B247-Ex+	-39.74	3.53	12580	10072	10.07	0.20	4.66	244.00	386.22	148.40	SI
2 Piso	P7	Top	B247-Ex-	-15.54	3.53	12580	10072	-1.43	-1.46	0.10	354.90	585.18	212.90	SI
2 Piso	P7	Bottom	B247-Ex-	-42.75	3.53	12580	10072	-8.66	-0.76	0.85	265.35	422.69	159.21	SI
2 Piso	P7	Top	B247-Ey+	16.34	3.53	12580	10072	-4.85	18.09	0.03	354.94	585.18	212.86	SI
2 Piso	P7	Bottom	B247-Ey+	-47.47	3.53	12580	10072	50.63	23.93	0.21	361.46	585.18	216.87	SI
2 Piso	P7	Top	B247-Ey-	-15.92	3.53	12580	10072	2.74	-16.39	0.02	354.80	585.18	212.98	SI
2 Piso	P7	Bottom	B247-Ey-	-41.07	3.53	12580	10072	-47.22	-34.89	0.19	361.37	585.18	216.82	SI
2 Piso	P7	Top	B242 G	-24.77	3.53	12580	10072	-2.57	-0.20	1.00	240.87	387.29	144.52	SI
2 Piso	P7	Bottom	B242 G	-41.11	3.53	12580	10072	-2.76	-0.67	0.46	332.84	533.92	199.70	SI
2 Piso	P7	Top	B243-Wx- G	-35.72	3.53	12580	10072	3.53	0.07	4.76	243.25	386.22	145.95	SI
2 Piso	P7	Bottom	B243-Wx- G	-73.61	3.53	12580	10072	0.70	-0.94	0.20	369.58	585.18	221.75	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aswv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P7	Top	B243-Wy- G	-36.72	3.53	12590	10072	-3.53	0.07	4.78	243.25	396.22	145.95	SI
2 Piso	P7	Bottom	B243-Wy- G	-73.91	3.53	12590	10072	0.70	-0.34	0.20	388.58	585.18	221.75	SI
2 Piso	P7	Top	B243-Wx+ G	-36.72	3.53	12590	10072	-3.53	0.07	4.78	243.25	396.22	145.95	SI
2 Piso	P7	Bottom	B243-Wx+ G	-73.91	3.53	12590	10072	0.70	0.34	0.20	388.58	585.18	221.75	SI
2 Piso	P7	Top	B243-Wy+ G	-36.72	3.53	12590	10072	-3.53	-0.07	4.78	243.25	396.22	145.95	SI
2 Piso	P7	Bottom	B243-Wy+ G	-73.91	3.53	12590	10072	0.70	-0.34	0.20	388.58	585.18	221.75	SI
2 Piso	P7	Top	B244-Wx- G	-26.46	3.53	12590	10072	-2.82	-0.15	1.02	241.19	386.22	144.71	SI
2 Piso	P7	Bottom	B244-Wx- G	-64.99	3.53	12590	10072	1.38	-0.52	0.26	382.34	584.42	217.41	SI
2 Piso	P7	Top	B244-Wx+ G	-26.46	3.53	12590	10072	-2.82	0.15	1.82	241.19	386.22	144.71	SI
2 Piso	P7	Bottom	B244-Wx+ G	-64.99	3.53	12590	10072	-1.38	0.52	0.26	382.34	584.42	217.41	SI
2 Piso	P7	Top	B244-Wy- G	-26.46	3.53	12590	10072	-2.82	-0.15	1.82	241.19	386.22	144.71	SI
2 Piso	P7	Bottom	B244-Wy- G	-64.99	3.53	12590	10072	-1.38	-0.52	0.26	382.34	584.42	217.41	SI
2 Piso	P7	Top	B244-Wy+ G	-26.46	3.53	12590	10072	-2.82	-0.15	1.82	241.19	386.22	144.71	SI
2 Piso	P7	Bottom	B244-Wy+ G	-64.99	3.53	12590	10072	-1.38	0.52	0.26	382.34	584.42	217.41	SI
2 Piso	P10	Top	B241	-5.87	2.19	7300	5840	3.00	-0.21	0.27	146.91	239.93	89.14	SI
2 Piso	P10	Bottom	B241	-28.01	2.19	7300	5840	-7.30	0.62	1.35	152.82	239.93	97.09	SI
2 Piso	P10	Top	B242 Loub	-5.34	2.19	7300	5840	4.18	-0.53	1.34	146.80	239.93	88.08	SI
2 Piso	P10	Bottom	B242 Loub	-26.15	2.19	7300	5840	-8.42	-0.90	1.19	151.95	238.83	91.17	SI
2 Piso	P10	Top	B243-Wx+ Loub	-8.34	2.19	7300	5840	4.83	-0.04	23.76	147.00	239.93	88.20	SI
2 Piso	P10	Bottom	B243-Wx+ Loub	-27.71	2.19	7300	5840	-5.83	1.01	0.95	156.68	247.62	94.01	SI
2 Piso	P10	Top	B243-Wx- Loub	8.34	2.19	7300	5840	4.83	0.04	23.16	147.00	239.93	88.20	SI
2 Piso	P10	Bottom	B243-Wx- Loub	-27.71	2.19	7300	5840	-5.83	-1.01	0.95	156.68	247.62	94.01	SI
2 Piso	P10	Top	B243-Wy+ Loub	-8.34	2.19	7300	5840	4.83	-0.04	23.16	147.00	239.93	88.20	SI
2 Piso	P10	Bottom	B243-Wy+ Loub	-27.71	2.19	7300	5840	-5.83	-1.01	0.95	156.68	247.62	94.01	SI
2 Piso	P10	Top	B243-Wy- Loub	-8.34	2.19	7300	5840	4.83	-0.04	23.16	147.00	239.93	88.20	SI
2 Piso	P10	Bottom	B243-Wy- Loub	-27.71	2.19	7300	5840	-5.83	1.01	0.95	156.68	247.62	94.01	SI
2 Piso	P10	Top	B244-Wx+ Loub	-8.14	2.19	7300	5840	4.76	-0.31	2.60	146.95	239.93	88.17	SI
2 Piso	P10	Bottom	B244-Wx+ Loub	-27.29	2.19	7300	5840	-7.23	-1.25	0.99	152.93	241.16	91.76	SI
2 Piso	P10	Top	B244-Wx- Loub	-8.14	2.19	7300	5840	4.76	-0.31	2.60	146.95	239.93	88.17	SI
2 Piso	P10	Bottom	B244-Wx- Loub	-27.29	2.19	7300	5840	-7.23	-1.25	0.99	152.93	241.16	91.76	SI
2 Piso	P10	Top	B244-Wy+ Loub	-8.14	2.19	7300	5840	4.76	-0.31	2.60	146.95	239.93	88.17	SI
2 Piso	P10	Bottom	B244-Wy+ Loub	-27.29	2.19	7300	5840	-7.23	1.25	0.99	152.93	241.16	91.76	SI
2 Piso	P10	Top	B244-Wy- Loub	-8.14	2.19	7300	5840	4.76	-0.31	2.60	146.95	239.93	88.17	SI
2 Piso	P10	Bottom	B244-Wy- Loub	-27.29	2.19	7300	5840	-7.23	-1.25	0.99	152.93	241.16	91.76	SI
2 Piso	P10	Top	B245-Ex+	-5.48	2.19	7300	5840	4.02	-0.68	1.15	146.78	239.93	88.07	SI
2 Piso	P10	Bottom	B245-Ex+	-31.58	2.19	7300	5840	7.44	-1.44	0.85	584.33	259.43	98.60	SI
2 Piso	P10	Top	B245-Ex-	-4.93	2.19	7300	5840	2.74	-0.16	2.89	146.65	239.93	87.98	SI
2 Piso	P10	Bottom	B245-Ex-	-19.47	2.19	7300	5840	-22.65	-0.72	5.49	150.28	238.03	90.17	SI
2 Piso	P10	Top	B245-Ey+	-4.94	2.19	7300	5840	1.24	7.12	0.03	219.06	363.54	131.61	SI
2 Piso	P10	Bottom	B245-Ey+	-24.47	2.19	7300	5840	2.96	7.58	0.07	224.24	363.54	134.54	SI
2 Piso	P10	Top	B245-Ey-	-5.47	2.19	7300	5840	0.12	-7.98	0.13	210.40	363.54	131.68	SI
2 Piso	P10	Bottom	B245-Ey-	-26.58	2.19	7300	5840	-18.36	-9.75	0.32	216.10	353.24	129.66	SI
2 Piso	P10	Top	B246-Wx+	-4.48	2.19	7300	5840	3.30	0.06	9.86	146.53	239.93	87.92	EI
2 Piso	P10	Bottom	B246-Wx+	-20.28	2.19	7300	5840	-4.36	0.73	1.05	150.48	239.93	90.29	SI
2 Piso	P10	Top	B246-Wx-	-4.48	2.19	7300	5840	3.30	-0.06	9.86	146.53	239.93	87.92	SI
2 Piso	P10	Bottom	B246-Wx-	-20.28	2.19	7300	5840	-4.36	-0.71	1.05	150.48	239.93	90.29	SI
2 Piso	P10	Top	B246-Wy+	-4.48	2.19	7300	5840	3.30	-0.06	9.86	146.53	239.93	87.92	SI
2 Piso	P10	Bottom	B246-Wy+	-20.28	2.19	7300	5840	-4.36	-0.71	1.05	150.48	239.93	90.29	SI
2 Piso	P10	Top	B246-Wy-	-4.48	2.19	7300	5840	3.30	0.06	9.86	146.53	239.93	87.92	SI
2 Piso	P10	Bottom	B246-Wy-	-20.28	2.19	7300	5840	-4.36	-0.73	1.05	150.48	239.93	90.29	SI
2 Piso	P10	Top	B247-Ex+	-4.11	2.19	7300	5840	3.49	-0.40	1.50	146.44	239.93	87.86	SI
2 Piso	P10	Bottom	B247-Ex+	-25.09	2.19	7300	5840	10.44	-0.95	1.87	151.69	239.93	91.01	SI
2 Piso	P10	Top	B247-Ex-	-3.56	2.19	7300	5840	1.61	0.13	2.19	146.30	239.93	87.78	SI
2 Piso	P10	Bottom	B247-Ex-	12.98	2.19	7300	5840	-18.62	0.23	14.57	148.66	239.93	89.19	SI
2 Piso	P10	Top	B247-Ey+	-2.57	2.19	7300	5840	0.11	7.41	0.00	219.01	363.54	131.41	SI
2 Piso	P10	Bottom	B247-Ey+	-17.88	2.19	7300	5840	5.97	8.08	0.13	222.62	363.54	133.57	SI
2 Piso	P10	Top	B247-Ey-	-4.10	2.19	7300	5840	4.90	-7.60	0.11	219.15	363.54	131.49	SI
2 Piso	P10	Bottom	B247 Ey	-20.08	2.19	7300	5840	15.35	-9.26	0.26	218.13	359.71	130.88	SI
2 Piso	P10	Top	B242 G	6.07	2.19	7300	5840	4.79	0.47	1.73	146.93	239.93	88.16	SI
2 Piso	P10	Bottom	B242 G	27.75	2.19	7300	5840	-6.16	-1.60	1.00	152.36	240.19	91.41	SI
2 Piso	P10	Top	B243-Wx- G	-6.03	2.19	7300	5840	6.79	0.16	7.33	147.42	239.93	88.45	SI
2 Piso	P10	Bottom	B243-Wx- G	-30.80	2.19	7300	5840	-4.78	-1.31	0.82	188.87	302.79	113.20	SI
2 Piso	P10	Top	B243-Wy- G	-6.03	2.19	7300	5840	6.79	0.16	7.33	147.42	239.93	88.45	SI
2 Piso	P10	Bottom	B243-Wy- G	-30.80	2.19	7300	5840	-4.78	-1.31	0.62	188.87	302.79	113.20	SI
2 Piso	P10	Top	B243-Wx+ G	-6.03	2.19	7300	5840	6.79	0.16	7.33	147.42	239.93	88.45	SI
2 Piso	P10	Bottom	B243-Wx+ G	-30.80	2.19	7300	5840	-4.78	-1.31	0.82	188.87	302.79	113.20	SI
2 Piso	P10	Top	B243-Wy+ G	-6.03	2.19	7300	5840	6.79	0.16	7.33	147.42	239.93	88.45	SI
2 Piso	P10	Bottom	B243-Wy+ G	-30.80	2.19	7300	5840	-4.78	-1.31	0.62	188.87	302.79	113.20	SI
2 Piso	P10	Top	B244-Wx- G	-8.88	2.19	7300	5840	5.38	-0.25	3.04	147.08	239.93	88.25	SI
2 Piso	P10	Bottom	B244-Wx- G	-28.28	2.19	7300	5840	-8.89	-1.34	0.89	182.96	258.47	97.78	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Aner (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P10	Top	B244-Wx+ G	-8.88	2.19	7300	5840	5.38	0.25	3.64	147.06	239.03	65.25	SI
2 Piso	P10	Bottom	B244-Wx+ G	-28.28	2.19	7300	5840	-6.96	-1.34	0.89	162.96	258.47	97.78	SI
2 Piso	P10	Top	B244-Wy- G	-6.66	2.19	7300	5840	5.38	-0.25	3.64	147.06	239.03	65.25	SI
2 Piso	P10	Bottom	B244-Wy- G	-28.28	2.19	7300	5840	6.96	-1.34	0.88	162.96	258.47	97.78	SI
2 Piso	P10	Top	B244-Wy+ G	-8.86	2.19	7300	5840	5.38	-0.25	3.64	147.06	239.03	65.25	SI
2 Piso	P10	Bottom	B244-Wy+ G	28.28	2.19	7300	5840	-6.96	1.34	0.89	162.96	258.47	97.78	SI
2 Piso	P11A	Top	B241	-2.52	0.92	3080	2464	1.47	-0.62	1.15	61.80	101.23	37.19	SI
2 Piso	P11A	Bottom	B241	-19.65	0.92	3080	2464	4.40	4.65	0.37	90.48	145.84	54.29	SI
2 Piso	P11A	Top	B242 Lcub	-2.24	0.92	3080	2464	1.35	-0.76	0.72	73.20	121.21	43.82	SI
2 Piso	P11A	Bottom	B242 Lcub	-13.96	0.92	3080	2464	3.94	5.38	0.30	92.87	150.81	55.72	SI
2 Piso	P11A	Top	B243-Wx+ Lcub	-2.59	0.92	3080	2464	1.66	-0.48	1.48	62.00	101.23	37.20	SI
2 Piso	P11A	Bottom	B243-Wx+ Lcub	-14.78	0.92	3080	2464	4.25	4.19	0.41	88.51	142.74	53.10	SI
2 Piso	P11A	Top	B243-Wx- Lcub	-2.59	0.92	3080	2464	1.66	-0.48	1.48	62.00	101.23	37.20	SI
2 Piso	P11A	Bottom	B243-Wx- Lcub	-14.78	0.92	3080	2464	4.25	4.19	0.41	88.51	142.74	53.10	SI
2 Piso	P11A	Top	B243-Wy+ Lcub	-2.59	0.92	3080	2464	1.66	-0.48	1.48	62.00	101.23	37.20	SI
2 Piso	P11A	Bottom	B243-Wy+ Lcub	-14.78	0.92	3080	2464	4.25	4.19	0.41	88.51	142.74	53.10	SI
2 Piso	P11A	Top	B243-Wy- Lcub	-2.59	0.92	3080	2464	1.66	-0.48	1.48	62.00	101.23	37.20	SI
2 Piso	P11A	Bottom	B243-Wy- Lcub	-14.78	0.92	3080	2464	4.25	4.19	0.41	88.51	142.74	53.10	SI
2 Piso	P11A	Top	B244-Wx+ Lcub	-2.47	0.92	3080	2464	1.56	-0.65	0.87	63.27	103.52	37.96	SI
2 Piso	P11A	Bottom	B244-Wx+ Lcub	-14.61	0.92	3080	2464	4.17	4.94	0.34	91.22	147.61	54.73	SI
2 Piso	P11A	Top	B244-Wx- Lcub	-2.47	0.92	3080	2464	1.56	-0.65	0.87	63.27	103.52	37.96	SI
2 Piso	P11A	Bottom	B244-Wx- Lcub	-14.61	0.92	3080	2464	4.17	4.94	0.34	91.22	147.61	54.73	SI
2 Piso	P11A	Top	B244-Wy+ Lcub	-2.47	0.92	3080	2464	1.56	-0.65	0.87	63.27	103.52	37.96	SI
2 Piso	P11A	Bottom	B244-Wy+ Lcub	-14.61	0.92	3080	2464	4.17	4.84	0.34	91.22	147.61	54.73	SI
2 Piso	P11A	Top	B244-Wy- Lcub	-2.47	0.92	3080	2464	1.56	-0.65	0.87	63.27	103.52	37.96	SI
2 Piso	P11A	Bottom	B244-Wy- Lcub	-14.61	0.92	3080	2464	4.17	4.84	0.34	91.22	147.61	54.73	SI
2 Piso	P11A	Top	B245-Ex+	-2.20	0.92	3080	2464	1.47	-1.30	0.46	83.44	136.33	50.06	SI
2 Piso	P11A	Bottom	B245-Ex+	-13.97	0.92	3080	2464	3.06	3.77	0.71	95.37	153.38	57.22	SI
2 Piso	P11A	Top	B245-Ex-	2.08	0.92	3080	2464	1.04	0.02	25.82	61.87	101.23	37.19	SI
2 Piso	P11A	Bottom	B245-Ex-	-13.78	0.92	3080	2464	8.58	8.07	0.44	87.20	140.96	52.32	SI
2 Piso	P11A	Top	B245-Ey+	-2.24	0.92	3080	2464	0.42	1.34	0.13	92.58	155.38	55.65	SI
2 Piso	P11A	Bottom	B245-Ey+	-15.60	0.92	3080	2464	10.50	10.27	0.42	88.55	149.36	53.10	SI
2 Piso	P11A	Top	B245-Ey-	-2.05	0.92	3080	2464	2.09	-2.62	0.32	88.82	148.93	53.29	SI
2 Piso	P11A	Bottom	B245-ey-	-11.35	0.92	3080	2464	-2.69	-0.38	3.08	64.19	101.23	36.51	SI
2 Piso	P11A	Top	B248-Wx+	1.85	0.92	3080	2464	1.18	-0.34	1.37	61.81	101.23	37.09	SI
2 Piso	P11A	Bottom	B248-Wx+	-10.78	0.92	3080	2464	3.08	3.14	0.40	88.00	140.80	52.82	SI
2 Piso	P11A	Top	B248-Wx-	-1.85	0.92	3080	2464	1.18	-0.34	1.37	61.81	101.23	37.09	SI
2 Piso	P11A	Bottom	B248-Wx-	-10.78	0.92	3080	2464	3.08	3.14	0.40	88.00	140.80	52.82	SI
2 Piso	P11A	Top	B248-Wy+	-1.85	0.92	3080	2464	1.18	-0.34	1.37	61.81	101.23	37.09	SI
2 Piso	P11A	Bottom	B248-Wy+	-10.78	0.92	3080	2464	3.08	3.14	0.40	88.00	140.80	52.82	SI
2 Piso	P11A	Top	B248-Wy-	-1.85	0.92	3080	2464	1.18	-0.34	1.37	61.81	101.23	37.09	SI
2 Piso	P11A	Bottom	B248-Wy-	-10.78	0.92	3080	2464	3.08	3.14	0.40	88.00	140.80	52.82	SI
2 Piso	P11A	Top	B247 Ex+	-1.66	0.92	3080	2464	1.18	-0.99	0.48	82.70	132.28	49.62	SI
2 Piso	P11A	Bottom	B247-Ex+	-9.66	0.92	3080	2464	0.08	1.97	0.02	94.49	159.38	56.70	SI
2 Piso	P11A	Top	B247-Ex-	-1.58	0.92	3080	2464	0.70	0.32	0.82	64.91	106.84	38.95	SI
2 Piso	P11A	Bottom	B247-Ex-	-10.27	0.92	3080	2464	5.50	4.27	0.53	82.07	134.41	49.60	SI
2 Piso	P11A	Top	B247-Ey+	-1.71	0.92	3080	2464	0.11	1.05	0.03	92.46	153.38	55.47	SI
2 Piso	P11A	Bottom	B247-Ey+	-12.29	0.92	3080	2464	9.62	8.42	0.46	86.90	139.49	53.60	SI
2 Piso	P11A	Top	B247-Ey-	-1.53	0.92	3080	2464	1.78	-2.31	0.31	88.15	149.74	53.49	SI
2 Piso	P11A	Bottom	B247-Ey-	-7.84	0.92	3080	2464	3.87	-2.19	0.72	74.45	120.98	44.08	SI
2 Piso	P11A	Top	B242 G	-2.42	0.92	3080	2464	1.51	-0.77	0.80	69.94	115.35	41.86	SI
2 Piso	P11A	Bottom	B242 G	14.57	0.92	3080	2464	4.15	5.40	0.31	92.43	148.07	55.46	SI
2 Piso	P11A	Top	B243-Wx- G	-3.18	0.92	3080	2464	2.20	-0.46	1.95	62.25	101.23	37.29	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.92	3080	2464	4.92	4.24	0.47	86.82	139.57	51.97	SI
2 Piso	P11A	Top	B243-Wy- G	-3.19	0.92	3080	2464	2.20	-0.48	1.85	62.15	101.23	37.29	SI
2 Piso	P11A	Bottom	B243-Wy- G	-16.65	0.92	3080	2464	4.92	4.24	0.47	86.82	139.57	51.97	SI
2 Piso	P11A	Top	B243-Wx+ G	-3.19	0.92	3080	2464	2.20	-0.48	1.85	62.15	101.23	37.29	SI
2 Piso	P11A	Bottom	B243-Wx+ G	16.65	0.92	3080	2464	4.92	4.24	0.47	86.82	139.57	51.97	SI
2 Piso	P11A	Top	B243-Wy+ G	-3.19	0.92	3080	2464	2.20	-0.48	1.85	62.15	101.23	37.29	SI
2 Piso	P11A	Bottom	B243-Wy+ G	-16.65	0.92	3080	2464	4.92	4.24	0.47	86.82	139.57	51.97	SI
2 Piso	P11A	Top	B244-Wx- G	-2.66	0.92	3080	2464	1.73	0.98	1.08	82.02	101.23	37.21	SI
2 Piso	P11A	Bottom	B244-Wx- G	-15.19	0.92	3080	2464	4.30	4.86	0.36	90.73	145.48	54.44	SI
2 Piso	P11A	Top	B244-Wx+ G	-2.66	0.92	3080	2464	1.73	-0.86	1.08	82.02	101.23	37.21	SI
2 Piso	P11A	Bottom	B244-Wx+ G	15.19	0.92	3080	2464	4.30	4.86	0.36	90.73	145.48	54.44	SI
2 Piso	P11A	Top	B244-Wy- G	-2.66	0.92	3080	2464	1.73	-0.86	1.08	82.02	101.23	37.21	SI
2 Piso	P11A	Bottom	B244-Wy- G	-15.19	0.92	3080	2464	4.30	4.86	0.36	90.73	145.48	54.44	SI
2 Piso	P11A	Top	B244-Wy+ G	-2.66	0.92	3080	2464	1.73	-0.86	1.08	82.02	101.23	37.21	SI
2 Piso	P11A	Bottom	B244-Wy+ G	-15.19	0.92	3080	2464	4.30	4.86	0.36	90.73	145.48	54.44	SI
2 Piso	P11B	Top	B241	-2.53	0.65	2160	1728	1.25	-1.18	0.63	52.88	89.07	32.33	SI
2 Piso	P11B	Bottom	B241	14.57	0.65	2160	1728	-3.49	-3.65	0.24	68.18	107.57	40.91	SI

ANEXO 3. REVISIÓN PARA CORTANTE PARALELO AL PLANO DEL MURO REFORZADO

BTORY	MURO	LOC.	COMB	Pu (ton)	Aww (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vw*d)	Vcn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P11B	Top	B242 Loub	-2.44	0.65	2160	1728	2.29	-1.45	0.51	57.35	95.18	34.36	SI
2 Piso	P11B	Bottom	B242 Loub	-14.09	0.65	2160	1728	-1.65	-4.24	0.25	87.45	107.66	40.47	SI
2 Piso	P11B	Top	B243-Wx+ Loub	2.70	0.65	2160	1728	1.48	-1.22	0.70	51.96	85.61	31.18	SI
2 Piso	P11B	Bottom	B243-Wx+ Loub	-13.93	0.65	2160	1728	-1.22	-3.15	0.22	88.02	107.57	40.81	SI
2 Piso	P11B	Top	B243-Wx- Loub	-2.70	0.65	2160	1728	1.46	-1.22	0.70	51.96	85.61	31.18	SI
2 Piso	P11B	Bottom	B243-Wx- Loub	-13.93	0.65	2160	1728	-1.22	-3.15	0.22	68.02	107.57	40.81	SI
2 Piso	P11B	Top	B243-Wy+ Loub	-2.70	0.65	2160	1728	1.48	-1.22	0.70	51.96	85.61	31.18	SI
2 Piso	P11B	Bottom	B243-Wy+ Loub	-13.90	0.65	2160	1728	1.22	-3.15	0.22	88.02	107.57	40.81	SI
2 Piso	P11B	Top	B243-Wy- Loub	-2.70	0.65	2160	1728	1.48	1.22	0.70	51.96	85.61	31.18	SI
2 Piso	P11B	Bottom	B243-Wy- Loub	-13.93	0.65	2160	1728	-1.22	-3.15	0.22	88.02	107.57	40.81	SI
2 Piso	P11B	Top	B244-Wx+ Loub	-2.67	0.65	2160	1728	1.45	-1.42	0.59	55.08	91.15	33.05	SI
2 Piso	P11B	Bottom	B244-Wx+ Loub	-14.37	0.65	2160	1728	-1.60	-3.86	0.24	88.13	107.57	40.88	SI
2 Piso	P11B	Top	B244-Wx- Loub	-2.67	0.65	2160	1728	1.45	-1.42	0.59	55.08	91.15	33.05	SI
2 Piso	P11B	Bottom	B244-Wx- Loub	-14.37	0.65	2160	1728	-1.60	-3.86	0.24	88.13	107.57	40.88	SI
2 Piso	P11B	Top	B244-Wy+ Loub	-2.67	0.65	2160	1728	1.45	-1.42	0.59	55.08	91.15	33.05	SI
2 Piso	P11B	Bottom	B244-Wy+ Loub	-14.37	0.65	2160	1728	-1.60	-3.86	0.24	88.13	107.57	40.88	SI
2 Piso	P11B	Top	B244-Wy- Loub	-2.67	0.65	2160	1728	1.45	-1.42	0.59	55.08	91.15	33.05	SI
2 Piso	P11B	Bottom	B246-Wx+ Loub	-14.37	0.65	2160	1728	1.60	-3.86	0.24	88.13	107.57	40.88	SI
2 Piso	P11B	Top	B246-Wx- Loub	-2.16	0.65	2160	1728	1.15	-0.02	37.26	43.57	70.89	26.14	SI
2 Piso	P11B	Bottom	B246-Wx- Loub	-7.85	0.65	2160	1728	-1.40	-2.28	0.38	62.43	101.85	37.48	SI
2 Piso	P11B	Top	B245-Ex+	-2.07	0.65	2160	1728	1.13	-2.49	0.26	64.23	107.46	38.54	SI
2 Piso	P11B	Bottom	B245-Ex+	-18.72	0.65	2160	1728	-1.61	-5.20	0.20	88.22	107.57	41.53	SI
2 Piso	P11B	Top	B245-Ey+	-2.08	0.65	2160	1728	0.54	-0.58	0.53	56.63	94.13	33.98	SI
2 Piso	P11B	Bottom	B245 Ey+	-12.29	0.65	2160	1728	2.30	-0.68	1.94	46.05	70.59	27.65	SI
2 Piso	P11B	Top	B245-Ey-	-2.44	0.65	2160	1728	1.74	-1.88	0.64	59.61	90.09	33.09	SI
2 Piso	P11B	Bottom	B245-Ey-	14.33	0.65	2160	1728	-0.59	-8.86	0.07	61.28	97.13	36.83	SI
2 Piso	P11B	Top	B248-Wx+	-1.85	0.65	2160	1728	1.02	0.86	0.69	52.28	88.49	31.95	SI
2 Piso	P11B	Bottom	B248-Wx+	-16.50	0.65	2160	1728	-0.93	-2.34	0.73	87.07	107.57	40.24	SI
2 Piso	P11B	Top	B248-Wx	-1.91	0.65	2160	1728	1.02	-0.86	0.69	52.26	86.49	31.36	SI
2 Piso	P11B	Bottom	B248-Wx	-10.13	0.65	2160	1728	-0.93	-2.34	0.23	87.07	107.57	40.24	SI
2 Piso	P11B	Top	B246-Wy+	-1.91	0.65	2160	1728	1.02	-0.86	0.69	52.26	86.49	31.36	SI
2 Piso	P11B	Bottom	B246-Wy+	10.13	0.65	2160	1728	-0.93	-2.34	0.20	87.07	107.57	40.24	SI
2 Piso	P11B	Top	B246-Wy-	-1.91	0.65	2160	1728	1.02	-0.86	0.69	52.26	86.49	31.36	SI
2 Piso	P11B	Bottom	B246 Wy-	-10.13	0.65	2160	1728	-0.93	-2.34	0.23	87.07	107.57	40.24	SI
2 Piso	P11B	Top	B247-Ex+	-1.53	0.65	2160	1728	0.81	0.52	0.80	48.31	76.12	27.78	SI
2 Piso	P11B	Bottom	B247-Ex+	-3.93	0.65	2160	1728	-0.80	-0.79	0.59	55.60	91.50	33.98	SI
2 Piso	P11B	Top	B247-Ex-	1.73	0.65	2160	1728	0.80	-1.09	0.20	84.97	107.57	38.98	SI
2 Piso	P11B	Bottom	B247-Ex-	-14.80	0.65	2160	1728	-1.12	-3.77	0.17	88.24	107.57	40.84	SI
2 Piso	P11B	Top	B247-Ey+	-1.45	0.65	2160	1728	0.20	-0.09	1.37	43.35	70.99	26.03	SI
2 Piso	P11B	Bottom	B247-Ey+	-8.92	0.65	2160	1728	2.98	0.61	2.14	46.11	70.99	27.06	SI
2 Piso	P11B	Top	B247-Ey-	-1.81	0.65	2160	1728	1.00	-1.38	0.59	54.98	91.35	32.98	SI
2 Piso	P11B	Bottom	B247-Ey-	-10.42	0.65	2160	1728	-4.91	-5.37	0.53	58.80	94.29	35.28	SI
2 Piso	P11B	Top	B242 G	-2.67	0.65	2160	1728	1.45	1.55	0.54	50.48	103.81	33.88	SI
2 Piso	P11B	Bottom	B242 G	-14.70	0.65	2160	1728	-1.62	-4.29	0.25	69.22	107.57	40.83	SI
2 Piso	P11B	Top	B243-Wx- G	-3.43	0.65	2160	1728	2.04	-1.55	0.78	50.46	82.62	30.27	SI
2 Piso	P11B	Bottom	B243-Wx- G	-15.90	0.65	2160	1728	-1.13	-3.91	0.20	88.51	107.57	41.11	SI
2 Piso	P11B	Top	B243-Wy- G	-3.43	0.65	2160	1728	2.04	-1.55	0.76	50.46	82.62	30.27	SI
2 Piso	P11B	Bottom	B243-Wy- G	-15.90	0.65	2160	1728	-1.13	-3.91	0.20	88.51	107.57	41.11	SI
2 Piso	P11B	Top	B243-Wx+ G	-3.43	0.65	2160	1728	2.04	1.55	0.76	50.46	82.62	30.27	SI
2 Piso	P11B	Bottom	B243-Wx+ G	-15.90	0.65	2160	1728	-1.13	-3.91	0.20	88.51	107.57	41.11	SI
2 Piso	P11B	Top	B243 Wy+ G	-3.43	0.65	2160	1728	2.04	-1.55	0.76	50.46	82.62	30.27	SI
2 Piso	P11B	Bottom	B243-Wy+ G	-15.90	0.65	2160	1728	-1.13	-3.91	0.20	88.51	107.57	41.11	SI
2 Piso	P11B	Top	B244-Wx- G	-2.89	0.65	2160	1728	1.63	-1.52	0.62	54.39	89.82	32.64	SI
2 Piso	P11B	Bottom	B244-Wx- G	-14.88	0.65	2160	1728	-1.57	-3.91	0.23	88.29	107.57	40.97	SI
2 Piso	P11B	Top	B244-Wx+ G	-2.89	0.65	2160	1728	1.63	1.52	0.62	54.39	89.82	32.64	SI
2 Piso	P11B	Bottom	B244-Wx+ G	-14.88	0.65	2160	1728	-1.57	-3.91	0.23	88.29	107.57	40.97	SI
2 Piso	P11B	Top	B244-Wy- G	-2.89	0.65	2160	1728	1.63	-1.52	0.62	54.39	89.82	32.64	SI
2 Piso	P11B	Bottom	B244-Wy- G	-14.88	0.65	2160	1728	-1.57	-3.91	0.23	88.29	107.57	40.97	SI
2 Piso	P11B	Top	B244-Wy+ G	2.89	0.65	2160	1728	1.63	-1.52	0.62	54.39	89.82	32.64	SI
2 Piso	P11B	Bottom	B244-Wy+ G	-14.88	0.65	2160	1728	-1.57	-3.91	0.23	88.29	107.57	40.97	SI
2 Piso	P13	Top	B241	-24.81	3.53	12610	10099	-2.98	-2.05	0.14	357.09	598.10	214.73	SI
2 Piso	P13	Bottom	B241	-85.52	3.53	12610	10099	-5.79	-0.08	7.26	250.82	386.83	150.49	SI
2 Piso	P13	Top	B242 Loub	-22.47	3.53	12610	10099	-3.87	-2.14	0.18	357.28	598.10	214.87	SI
2 Piso	P13	Bottom	B242 Loub	-58.44	3.53	12610	10099	-11.05	0.24	4.66	249.05	386.83	149.43	SI
2 Piso	P13	Top	B243-Wx+ Loub	-28.64	3.53	12610	10099	-3.54	-2.18	0.16	358.82	598.10	215.29	SI
2 Piso	P13	Bottom	B243-Wx+ Loub	-84.57	3.53	12610	10099	-6.65	0.01	87.25	250.58	386.83	150.35	SI
2 Piso	P13	Top	B243 Wx- Loub	-28.64	3.53	12610	10099	-3.54	-2.18	0.16	358.82	598.10	215.29	SI
2 Piso	P13	Bottom	B243-Wx- Loub	-84.57	3.53	12610	10099	-6.65	0.01	87.25	250.58	386.83	150.35	SI
2 Piso	P13	Top	B243-Wy+ Loub	-28.64	3.53	12610	10099	-3.54	-2.18	0.16	358.82	598.10	215.29	SI
2 Piso	P13	Bottom	B243-Wy+ Loub	-84.57	3.53	12610	10099	-6.65	0.01	87.25	250.58	386.83	150.35	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua/(Vu*d)	Vn (ton)	Vn max (ton)	ØVn (ton)	Cumple
2 Piso	P13	Top	B243-Wy- Loub	-28.84	3.53	12610	10088	-3.54	-2.18	0.16	358.82	586.10	216.29	SI
2 Piso	P13	Bottom	B243-Wy- Loub	-84.57	3.53	12610	10088	-8.65	0.01	67.25	250.58	398.83	150.35	SI
2 Piso	P13	Top	B244-Wx+ Loub	-26.51	3.53	12610	10088	3.98	-2.25	0.18	358.29	586.10	214.98	SI
2 Piso	P13	Bottom	B244-Wx+ Loub	-82.74	3.53	12610	10088	8.80	0.17	5.84	250.13	398.83	150.08	SI
2 Piso	P13	Top	B244-Wx- Loub	-26.51	3.53	12610	10088	-3.98	-2.25	0.18	358.29	586.10	214.98	SI
2 Piso	P13	Bottom	B244-Wx- Loub	-82.74	3.53	12610	10088	-8.80	0.17	5.84	250.13	398.83	150.08	SI
2 Piso	P13	Top	B244-Wy+ Loub	-26.51	3.53	12610	10088	-3.98	-2.25	0.18	358.29	586.10	214.98	SI
2 Piso	P13	Bottom	B244-Wy+ Loub	-82.74	3.53	12610	10088	-8.80	0.17	5.84	250.13	398.83	150.08	SI
2 Piso	P13	Top	B244-Wy- Loub	-26.51	3.53	12610	10088	-3.98	-2.25	0.18	358.29	586.10	214.98	SI
2 Piso	P13	Bottom	B244-Wy- Loub	-82.74	3.53	12610	10088	-8.80	0.17	5.84	250.13	398.83	150.08	SI
2 Piso	P13	Top	B245-Ex+	-21.35	3.53	12610	10088	-4.34	2.13	0.20	357.00	586.10	214.20	SI
2 Piso	P13	Bottom	B245-Ex+	-57.10	3.53	12610	10088	-11.95	0.51	2.33	248.74	398.83	149.24	SI
2 Piso	P13	Top	B245 Ex-	-20.85	3.53	12610	10088	-2.10	-1.73	0.12	366.83	586.10	219.10	SI
2 Piso	P13	Bottom	B245-Ex-	-55.56	3.53	12610	10088	-5.10	-0.25	1.80	248.33	398.83	149.00	SI
2 Piso	P13	Top	B245-Ey+	-21.03	3.53	12610	10088	-0.98	13.80	0.05	356.92	586.10	214.15	SI
2 Piso	P13	Bottom	B245-Ey+	-56.80	3.53	12610	10088	38.53	23.64	0.18	365.91	586.10	219.55	SI
2 Piso	P13	Top	B245-Ey-	-20.88	3.53	12610	10088	0.53	-17.77	0.00	356.91	586.10	214.14	SI
2 Piso	P13	Bottom	B245-Ey-	-55.77	3.53	12610	10088	-55.58	-23.47	0.24	365.60	586.10	219.36	SI
2 Piso	P13	Top	B246-Wx+	-19.85	3.53	12610	10088	-2.43	-1.54	0.10	356.63	586.10	213.98	SI
2 Piso	P13	Bottom	B246-Wx+	46.55	3.53	12610	10088	-4.81	-0.01	45.70	246.08	396.83	147.65	SI
2 Piso	P13	Top	B246-Wx-	-19.85	3.53	12610	10088	2.43	-1.54	0.10	356.63	586.10	213.98	SI
2 Piso	P13	Bottom	B246-Wx-	-46.55	3.53	12610	10088	-4.81	-0.01	45.70	246.08	396.83	147.65	SI
2 Piso	P13	Top	B246 Wy+	-19.85	3.53	12610	10088	-2.43	-1.54	0.10	356.63	586.10	213.98	SI
2 Piso	P13	Bottom	B246-Wy+	-46.55	3.53	12610	10088	-4.81	-0.01	45.70	246.08	396.83	147.65	SI
2 Piso	P13	Top	B246-Wy-	-20.85	3.53	12610	10088	2.43	-1.54	0.10	356.63	586.10	213.98	SI
2 Piso	P13	Bottom	B246-Wy-	-46.55	3.53	12610	10088	-4.81	-0.01	45.70	246.08	396.83	147.65	SI
2 Piso	P13	Top	B247-Ex+	-16.26	3.53	12610	10088	-3.02	-1.52	0.20	355.75	586.10	213.45	SI
2 Piso	P13	Bottom	B247-Ex+	-42.95	3.53	12610	10088	-7.15	0.34	2.08	245.18	396.83	147.11	SI
2 Piso	P13	Top	B247 Ex-	-15.68	3.53	12610	10088	-0.78	-1.12	0.07	355.58	586.10	213.35	SI
2 Piso	P13	Bottom	B247-Ex-	-41.30	3.53	12610	10088	-0.30	-0.45	0.07	361.59	586.10	217.18	SI
2 Piso	P13	Top	B247-Ey+	16.04	3.53	12610	10088	-5.68	14.52	0.08	355.67	586.10	213.40	SI
2 Piso	P13	Bottom	B247-Ey+	-42.73	3.53	12610	10088	43.33	23.48	0.18	362.36	586.10	217.41	SI
2 Piso	P13	Top	B247-Ey-	-15.89	3.53	12610	10088	5.65	-17.15	0.01	355.66	586.10	213.40	SI
2 Piso	P13	Bottom	B247-Ey-	-41.51	3.53	12610	10088	-50.76	-23.56	0.21	362.04	586.10	217.22	SI
2 Piso	P13	Top	B242 G	-25.59	3.53	12610	10088	-4.30	-2.32	0.18	358.06	586.10	214.84	SI
2 Piso	P13	Bottom	B242 G	-82.04	3.53	12610	10088	-11.77	0.27	4.27	248.95	398.83	149.37	SI
2 Piso	P13	Top	B243-Wx- G	-38.62	3.53	12610	10088	-6.92	-2.75	0.18	361.32	586.10	216.79	SI
2 Piso	P13	Bottom	B243-Wx- G	-76.08	3.53	12610	10088	-8.95	0.12	7.64	253.48	398.83	152.08	SI
2 Piso	P13	Top	B243-Wy- G	-38.62	3.53	12610	10088	-4.92	-2.75	0.18	361.32	586.10	216.79	SI
2 Piso	P13	Bottom	B243-Wy- G	-76.08	3.53	12610	10088	-8.95	0.12	7.64	253.48	398.83	152.08	SI
2 Piso	P13	Top	B243-Wx+ G	-38.62	3.53	12610	10088	-4.92	-2.75	0.18	361.32	586.10	216.79	SI
2 Piso	P13	Bottom	B243-Wx+ G	-76.08	3.53	12610	10088	-8.95	0.12	7.64	253.48	398.83	152.08	SI
2 Piso	P13	Top	B243-Wy+ G	-38.62	3.53	12610	10088	-4.92	-2.75	0.18	361.32	586.10	216.79	SI
2 Piso	P13	Bottom	B243-Wy+ G	-76.08	3.53	12610	10088	-8.95	0.12	7.64	253.48	398.83	152.08	SI
2 Piso	P13	Top	B244-Wx- G	-29.63	3.53	12610	10088	-4.41	-2.43	0.18	359.07	586.10	215.44	SI
2 Piso	P13	Bottom	B244-Wx- G	-88.34	3.53	12610	10088	-10.52	0.21	5.06	251.03	398.83	150.62	SI
2 Piso	P13	Top	B244-Wx+ G	-29.63	3.53	12610	10088	-4.41	-2.43	0.18	359.07	586.10	215.44	SI
2 Piso	P13	Bottom	B244-Wx+ G	-88.34	3.53	12610	10088	10.52	0.21	5.06	251.03	398.83	150.62	SI
2 Piso	P13	Top	B244-Wy- G	-29.63	3.53	12610	10088	-4.41	-2.43	0.18	359.07	586.10	215.44	SI
2 Piso	P13	Bottom	B244-Wy- G	-88.34	3.53	12610	10088	-10.52	0.21	5.06	251.03	398.83	150.62	SI
2 Piso	P13	Top	B244-Wy+ G	-29.63	3.53	12610	10088	-4.41	-2.43	0.18	359.07	586.10	215.44	SI
2 Piso	P13	Bottom	B244 Wy+ G	-88.34	3.53	12610	10088	-10.52	0.21	5.06	251.03	398.83	150.62	SI
2 Piso	P18	Top	B241	-5.31	0.89	2970	2378	4.40	-0.77	2.45	60.48	97.62	36.29	SI
2 Piso	P18	Bottom	B241	15.23	0.89	2970	2378	0.17	2.74	0.03	92.35	147.90	55.53	SI
2 Piso	P18	Top	B242 Loub	-4.88	0.89	2970	2378	4.16	-1.10	1.59	60.38	97.62	36.23	SI
2 Piso	P18	Bottom	B242 Loub	-13.97	0.89	2970	2378	1.39	7.13	0.06	92.23	147.90	55.34	SI
2 Piso	P18	Top	B243-Wx+ Loub	-6.17	0.89	2970	2378	5.30	-0.97	2.29	60.70	97.62	36.42	SI
2 Piso	P18	Bottom	B243-Wx+ Loub	-14.84	0.89	2970	2378	0.29	2.13	0.06	92.45	147.90	55.47	SI
2 Piso	P16	Top	B243-Wx- Loub	-6.17	0.89	2970	2378	5.30	-0.97	2.29	60.70	97.62	36.42	SI
2 Piso	P16	Bottom	B243-Wx- Loub	-14.84	0.89	2970	2378	0.29	2.13	0.06	92.45	147.90	55.47	SI
2 Piso	P16	Top	B243-Wy+ Loub	-6.17	0.89	2970	2378	5.30	-0.97	2.29	60.70	97.62	36.42	SI
2 Piso	P16	Bottom	B243-Wy+ Loub	-14.84	0.89	2970	2378	0.29	2.13	0.06	92.45	147.90	55.47	SI
2 Piso	P16	Top	B243-Wy- Loub	-6.17	0.89	2970	2378	5.30	-0.97	2.29	60.70	97.62	36.42	SI
2 Piso	P18	Bottom	B243 Wy- Loub	-14.84	0.89	2970	2378	0.29	2.13	0.06	92.45	147.90	55.47	SI
2 Piso	P16	Top	B244-Wx+ Loub	-5.75	0.89	2970	2378	4.93	-1.13	1.84	60.60	97.62	36.38	SI
2 Piso	P16	Bottom	B244-Wx+ Loub	-14.72	0.89	2970	2378	1.01	5.20	0.08	92.42	147.90	55.45	SI
2 Piso	P16	Top	B244-Wx- Loub	-5.75	0.89	2970	2378	4.93	-1.13	1.84	60.60	97.62	36.38	SI
2 Piso	P16	Bottom	B244-Wx- Loub	-14.72	0.89	2970	2378	1.01	5.20	0.08	92.42	147.90	55.45	SI
2 Piso	P16	Top	B244-Wy+ Loub	-5.75	0.89	2970	2378	4.93	-1.13	1.84	60.60	97.62	36.38	SI
2 Piso	P16	Bottom	B244 Wy+ Loub	-14.72	0.89	2970	2378	1.01	5.20	0.08	92.42	147.90	55.45	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Asmv (cm²)	Lw (mm)	d (mm)	M33 (ton-m)	V2Z (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ØVn (ton)	Cumple
2 Piso	P18	Top	B246-Wy- Lcub	-5.75	0.89	2970	2376	4.93	-1.19	1.84	60.00	97.62	36.38	SI
2 Piso	P18	Bottom	B244-Wy- Lcub	14.72	0.89	2970	2376	1.01	5.20	0.08	92.42	147.90	55.45	SI
2 Piso	P16	Top	B245-Ex+	-3.13	0.89	2970	2376	4.21	-1.09	1.65	60.44	97.62	36.27	SI
2 Piso	P16	Bottom	B245-Ex+	-15.37	0.89	2970	2376	-0.46	5.47	0.04	92.59	147.90	55.55	SI
2 Piso	P16	Top	B245-Ex-	-3.92	0.89	2970	2376	3.44	-0.71	2.05	60.14	97.62	36.08	SI
2 Piso	P16	Bottom	B245-Ex-	-14.36	0.89	2970	2376	2.27	5.26	0.18	91.58	147.90	54.95	SI
2 Piso	P16	Top	B245-Ey+	-4.52	0.89	2970	2376	3.42	0.75	1.92	60.29	97.62	36.18	SI
2 Piso	P16	Bottom	B245-Ey+	-12.96	0.89	2970	2376	2.27	5.55	0.17	91.88	147.90	55.19	SI
2 Piso	P16	Top	B245-Ey-	-4.53	0.89	2970	2376	4.26	-2.50	0.71	71.58	117.58	42.94	SI
2 Piso	P16	Bottom	B245-Ey-	-13.79	0.89	2970	2376	-0.46	5.07	0.04	92.19	147.90	55.31	SI
2 Piso	P16	Top	B246-Wx+	-4.27	0.89	2970	2376	3.65	-0.66	2.32	60.23	97.62	36.14	SI
2 Piso	P18	Bottom	B246-Wx+	-10.73	0.89	2970	2376	0.19	1.65	0.05	91.43	147.90	54.86	SI
2 Piso	P18	Top	B246-Wx-	-4.27	0.89	2970	2376	3.65	-0.66	2.32	60.23	97.62	36.14	SI
2 Piso	P16	Bottom	B246-Wx-	-10.73	0.89	2970	2376	0.19	1.65	0.05	91.43	147.90	54.86	SI
2 Piso	P16	Top	B246-Wy+	-4.27	0.89	2970	2376	3.65	-0.66	2.32	60.23	97.62	36.14	SI
2 Piso	P16	Bottom	B246-Wy+	-10.73	0.89	2970	2376	0.19	1.65	0.05	91.43	147.90	54.86	SI
2 Piso	P16	Top	B246-Wy-	-4.27	0.89	2970	2376	3.65	-0.66	2.32	60.23	97.62	36.14	SI
2 Piso	P16	Bottom	B246-Wy-	-10.73	0.89	2970	2376	0.19	1.65	0.05	91.43	147.90	54.86	SI
2 Piso	P16	Top	B247-Ex+	-4.02	0.89	2970	2376	3.28	-0.68	2.03	60.17	97.62	36.10	SI
2 Piso	P16	Bottom	B247-Ex+	-11.80	0.89	2970	2376	-1.26	1.80	0.28	89.87	146.36	53.66	SI
2 Piso	P16	Top	B247-Ex-	-2.61	0.89	2970	2376	2.49	-0.31	3.37	59.86	97.62	35.92	SI
2 Piso	P16	Bottom	B247-Ex-	-7.78	0.89	2970	2376	1.47	1.98	0.37	85.18	140.27	51.11	SI
2 Piso	P18	Top	B247-Ey+	-3.41	0.89	2970	2376	2.47	1.14	0.91	63.53	103.84	38.12	SI
2 Piso	P18	Bottom	B247-Ey+	-9.38	0.89	2970	2376	1.47	2.98	0.30	88.35	146.12	53.01	SI
2 Piso	P16	Top	B247-Cy-	-3.42	0.89	2970	2376	3.30	-2.14	0.65	73.48	121.30	44.09	SI
2 Piso	P16	Bottom	B247-Ey-	-10.22	0.89	2970	2376	-1.26	1.47	0.98	86.93	141.16	51.60	SI
2 Piso	P16	Top	B242 G	-5.57	0.89	2970	2376	4.76	-1.23	1.63	60.55	97.62	36.33	SI
2 Piso	P16	Bottom	B242 G	-14.74	0.89	2970	2376	1.45	7.03	0.69	92.43	147.90	55.48	SI
2 Piso	P16	Top	B243-Wx- G	-8.39	0.89	2970	2376	7.28	-1.40	2.19	61.26	97.62	36.75	SI
2 Piso	P16	Bottom	B243-Wx- G	-17.30	0.89	2970	2376	0.48	1.83	0.11	93.07	147.90	55.64	SI
2 Piso	P18	Top	B243-Wy- G	-8.39	0.89	2970	2376	7.28	1.40	2.19	61.26	97.62	36.75	SI
2 Piso	P16	Bottom	B243-Wy- G	-17.30	0.89	2970	2376	0.49	1.83	0.11	93.07	147.90	55.84	SI
2 Piso	P16	Top	B243-Wx+ G	-8.39	0.89	2970	2376	7.28	-1.40	2.19	61.26	97.62	36.75	SI
2 Piso	P16	Bottom	B243-Wx+ G	-17.30	0.89	2970	2376	0.48	1.83	0.11	93.07	147.90	55.84	SI
2 Piso	P16	Top	B243-Wy+ G	-8.39	0.89	2970	2376	7.28	-1.40	2.19	61.26	97.62	36.75	SI
2 Piso	P16	Bottom	B243-Wy+ G	17.30	0.89	2970	2376	0.49	1.83	0.11	93.07	147.90	55.84	SI
2 Piso	P16	Top	B244-Wx- G	-6.44	0.89	2970	2376	5.55	-1.26	1.85	60.77	97.62	36.46	SI
2 Piso	P16	Bottom	B244-Wx- G	-15.49	0.89	2970	2376	1.07	5.11	0.09	92.61	147.90	55.57	SI
2 Piso	P16	Top	B244-Wx+ G	-6.44	0.89	2970	2376	5.55	-1.26	1.85	60.77	97.62	36.46	SI
2 Piso	P16	Bottom	B244-Wx+ G	-15.49	0.89	2970	2376	1.07	5.11	0.09	92.61	147.90	55.57	SI
2 Piso	P16	Top	B244-Wy+ G	6.44	0.89	2970	2376	5.55	1.26	1.85	60.77	97.62	36.46	SI
2 Piso	P16	Bottom	B244-Wy+ G	15.49	0.89	2970	2376	1.07	5.11	0.09	92.61	147.90	55.57	SI
2 Piso	P16	Top	B244-Wy+ G	-6.44	0.89	2970	2376	5.55	-1.26	1.85	60.77	97.62	36.46	SI
2 Piso	P16	Bottom	B244-Wy+ G	-15.49	0.89	2970	2376	1.07	5.11	0.09	92.61	147.90	55.57	SI
2 Piso	P17	Top	B241	-5.91	1.33	4440	3552	1.22	-0.87	0.39	124.79	207.62	74.87	SI
2 Piso	P17	Bottom	B241	18.02	1.33	4440	3552	-1.40	-1.38	0.79	134.01	238.50	80.41	SI
2 Piso	P17	Top	B242 Lcub	-5.56	1.33	4440	3552	1.20	-1.60	0.21	134.06	221.11	80.43	SI
2 Piso	P17	Bottom	B242 Lcub	-16.33	1.33	4440	3552	-2.64	-2.39	0.34	130.43	212.89	78.26	SI
2 Piso	P17	Top	B243-Wx+ Lcub	-8.53	1.33	4440	3552	1.61	-0.79	0.58	114.34	188.86	68.60	SI
2 Piso	P17	Bottom	B243-Wx+ Lcub	-17.03	1.33	4440	3552	-0.93	-1.25	0.21	136.82	221.11	82.15	SI
2 Piso	P17	Top	B243-Wx- Lcub	-8.53	1.33	4440	3552	1.61	-0.79	0.58	114.34	188.86	68.60	SI
2 Piso	P17	Bottom	B243-Wx- Lcub	-17.03	1.33	4440	3552	-0.93	-1.25	0.21	136.82	221.11	82.15	SI
2 Piso	P17	Top	B243-Wy+ Lcub	-8.53	1.33	4440	3552	1.61	-0.79	0.58	114.34	188.86	68.60	SI
2 Piso	P17	Bottom	B243-Wy+ Lcub	-17.03	1.33	4440	3552	-0.93	-1.25	0.21	136.82	221.11	82.15	SI
2 Piso	P17	Top	B243-Wy- Lcub	-8.53	1.33	4440	3552	1.61	-0.79	0.58	114.34	188.86	68.60	SI
2 Piso	P17	Bottom	B243-Wy- Lcub	-17.03	1.33	4440	3552	-0.93	-1.25	0.21	136.82	221.11	82.15	SI
2 Piso	P17	Top	B244-Wx- Lcub	-8.27	1.33	4440	3552	1.49	-1.91	0.32	129.07	215.03	77.44	SI
2 Piso	P17	Bottom	B244-Wx+ Lcub	-16.98	1.33	4440	3552	2.10	1.98	0.30	133.03	217.31	79.82	SI
2 Piso	P17	Top	B244-Wx- Lcub	8.27	1.33	4440	3552	1.49	1.91	0.32	129.07	215.03	77.44	SI
2 Piso	P17	Bottom	B244-Wx- Lcub	-16.86	1.33	4440	3552	-2.10	-1.98	0.30	133.03	217.31	79.82	SI
2 Piso	P17	Top	B244-Wy+ Lcub	-8.27	1.33	4440	3552	1.49	-1.91	0.32	129.07	215.03	77.44	SI
2 Piso	P17	Bottom	B244-Wy+ Lcub	-16.98	1.33	4440	3552	-2.10	-1.98	0.30	133.03	217.31	79.82	SI
2 Piso	P17	Top	B244 Wy- Lcub	-8.27	1.33	4440	3552	1.49	-1.91	0.32	129.07	215.03	77.44	SI
2 Piso	P17	Bottom	B244-Wy- Lcub	-16.98	1.33	4440	3552	-2.10	-1.98	0.30	133.03	217.31	79.82	SI
2 Piso	P17	Top	B245-Ex+	5.80	1.33	4440	3552	1.19	-1.80	0.18	134.09	221.11	80.44	SI
2 Piso	P17	Bottom	B245-Ex+	-16.00	1.33	4440	3552	-3.64	-2.61	0.39	127.36	207.69	76.42	SI
2 Piso	P17	Top	B245-Ex-	-4.70	1.33	4440	3552	0.93	-0.73	0.30	126.47	215.82	75.88	SI
2 Piso	P17	Bottom	B245-Ex-	-15.51	1.33	4440	3552	-0.95	-1.75	0.22	136.64	221.11	81.03	SI
2 Piso	P17	Top	B245-Ey+	-5.08	1.33	4440	3552	1.06	0.88	0.34	127.80	212.87	75.56	SI
2 Piso	P17	Bottom	B245-Ey+	-15.88	1.33	4440	3552	0.84	-1.39	0.11	138.58	221.11	81.95	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aavv (m^2)	Lw (mm)	d (mm)	M33 (Ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vs max (ton)	ΦVn (ton)	Cumple
2 Piso	P17	Top	B248-Ey-	5.25	1.33	4440	3552	1.06	-3.43	0.09	133.08	221.11	80.39	SI
2 Piso	P17	Bottom	B245-Ey-	-15.80	1.33	4440	3552	-4.06	-2.46	0.46	123.27	200.54	73.96	SI
2 Piso	P17	Top	B248-Wx+	-4.57	1.33	4440	3552	1.08	-0.58	0.52	116.81	186.27	70.15	SI
2 Piso	P17	Bottom	B248-Wx+	-12.42	1.33	4440	3552	-0.78	-0.92	0.23	135.77	221.11	81.46	SI
2 Piso	P17	Top	B246-Wx-	-4.57	1.33	4440	3552	1.08	-0.58	0.52	116.81	186.27	70.15	SI
2 Piso	P17	Bottom	B246-Wx-	12.42	1.33	4440	3552	-0.78	-0.92	0.23	135.77	221.11	81.46	SI
2 Piso	P17	Top	B246-Wy+	4.57	1.33	4440	3552	1.08	-0.58	0.52	116.81	186.27	70.15	SI
2 Piso	P17	Bottom	B246-Wy+	-12.42	1.33	4440	3552	-0.78	-0.92	0.23	135.77	221.11	81.46	SI
2 Piso	P17	Top	B248-Wy-	-4.57	1.33	4440	3552	1.08	-0.58	0.52	116.81	186.27	70.15	SI
2 Piso	P17	Bottom	B246-Wy-	-12.42	1.33	4440	3552	-0.78	-0.92	0.23	135.77	221.11	81.46	SI
2 Piso	P17	Top	B247-Ex+	-4.23	1.33	4440	3552	-2.22	-1.11	0.23	139.72	221.11	80.20	SI
2 Piso	P17	Bottom	B247-Ex+	-31.84	1.33	4440	3552	-2.24	-1.57	0.40	125.73	206.66	75.44	SI
2 Piso	P17	Top	B247-Ex-	-3.37	1.33	4440	3552	0.65	0.05	16.57	88.29	145.93	53.57	SI
2 Piso	P17	Bottom	B247-Ex-	-11.53	1.33	4440	3552	0.45	-0.20	0.62	113.37	185.00	68.02	SI
2 Piso	P17	Top	B247-Ey+	-3.71	1.33	4440	3552	0.79	1.59	0.14	139.59	221.11	80.16	SI
2 Piso	P17	Bottom	B247-Ey+	-11.49	1.33	4440	3552	0.85	-0.35	0.69	108.98	177.18	65.39	SI
2 Piso	P17	Top	B247 Ey-	3.88	1.33	4440	3552	0.78	-2.71	0.08	133.64	221.11	80.18	SI
2 Piso	P17	Bottom	B247-Ey-	-11.06	1.33	4440	3552	-2.65	1.42	0.33	116.62	154.15	71.17	SI
2 Piso	P17	Top	B242 G	-6.16	1.33	4440	3552	1.44	-1.02	0.26	133.10	222.21	78.88	SI
2 Piso	P17	Bottom	B242 G	-17.00	1.33	4440	3552	-2.76	-2.42	0.32	131.59	214.74	78.95	SI
2 Piso	P17	Top	B243-Wx- G	-8.53	1.33	4440	3552	2.39	-0.65	0.80	101.82	165.83	61.09	SI
2 Piso	P17	Bottom	B243-Wx- G	-19.18	1.33	4440	3552	-0.58	-1.34	0.12	137.48	221.11	82.48	SI
2 Piso	P17	Top	B243-Wy- G	-8.53	1.33	4440	3552	2.36	-0.83	0.80	101.82	165.83	61.09	SI
2 Piso	P17	Bottom	B243-Wy- G	-19.18	1.33	4440	3552	-0.58	-1.34	0.12	137.48	221.11	82.48	SI
2 Piso	P17	Top	B243-Wx+ G	-8.53	1.33	4440	3552	2.39	-0.83	0.80	101.82	165.83	61.09	SI
2 Piso	P17	Bottom	B243-Wx+ G	-19.18	1.33	4440	3552	-0.58	-1.34	0.12	137.48	221.11	82.48	SI
2 Piso	P17	Top	B243-Wy+ G	-8.53	1.33	4440	3552	2.39	-0.65	0.80	101.82	165.83	61.09	SI
2 Piso	P17	Bottom	B243-Wy+ G	-19.18	1.33	4440	3552	-0.58	-1.34	0.12	137.48	221.11	82.48	SI
2 Piso	P17	Top	B244-Wx- G	0.80	1.33	4440	3552	1.73	1.32	0.37	126.48	210.17	75.89	SI
2 Piso	P17	Bottom	B244-Wx- G	-17.84	1.33	4440	3552	-1.98	2.01	0.28	134.35	219.36	80.61	SI
2 Piso	P17	Top	B244-Wx+ G	-0.80	1.33	4440	3552	1.73	-1.32	0.37	126.48	210.17	75.89	SI
2 Piso	P17	Bottom	B244-Wx+ G	-17.84	1.33	4440	3552	-1.98	-2.01	0.28	134.35	219.36	80.61	SI
2 Piso	P17	Top	B244-Wy- G	-0.80	1.33	4440	3552	1.73	-1.32	0.37	126.48	210.17	75.89	SI
2 Piso	P17	Bottom	B244-Wy- G	-17.84	1.33	4440	3552	-1.98	-2.01	0.28	134.35	219.36	80.61	SI
2 Piso	P17	Top	B244-Wy+ G	-0.80	1.33	4440	3552	1.73	-1.32	0.37	126.48	210.17	75.89	SI
2 Piso	P17	Bottom	B244-Wy+ G	-17.84	1.33	4440	3552	-1.98	-2.01	0.28	134.35	219.36	80.61	SI
2 Piso	P19	Top	B241	-5.69	1.06	3540	2832	-3.75	0.65	2.04	71.84	116.35	43.10	SI
2 Piso	P19	Bottom	B241	-17.75	1.06	3540	2832	1.39	0.44	1.11	74.95	116.35	44.97	SI
2 Piso	P19	Top	B242 Loub	-5.34	1.06	3540	2832	-3.56	1.24	1.01	71.85	116.35	43.11	SI
2 Piso	P19	Bottom	B242 Loub	-16.86	1.06	3540	2832	1.81	1.09	0.58	93.78	150.02	56.28	SI
2 Piso	P19	Top	B243-Wx+ Loub	-6.47	1.06	3540	2832	-4.31	0.60	2.54	72.13	116.35	43.28	SI
2 Piso	P19	Bottom	B243-Wx+ Loub	-17.29	1.06	3540	2832	1.40	0.32	1.55	74.84	116.35	44.90	SI
2 Piso	P19	Top	B243-Wx- Loub	-6.47	1.06	3540	2832	-4.31	0.60	2.54	72.13	116.35	43.28	SI
2 Piso	P19	Bottom	B243-Wx- Loub	-17.29	1.06	3540	2832	1.40	0.32	1.55	74.84	116.35	44.90	SI
2 Piso	P19	Top	B243-Wy+ Loub	-6.47	1.06	3540	2832	-4.31	0.60	2.54	72.13	116.35	43.28	SI
2 Piso	P19	Bottom	B243-Wy+ Loub	-17.29	1.06	3540	2832	1.40	0.32	1.55	74.84	116.35	44.90	SI
2 Piso	P19	Top	B243-Wy- Loub	-6.47	1.06	3540	2832	-4.31	0.60	2.54	72.13	116.35	43.28	SI
2 Piso	P19	Bottom	B243-Wy- Loub	-17.29	1.06	3540	2832	1.40	0.32	1.55	74.84	116.35	44.90	SI
2 Piso	P19	Top	B244-Wx+ Loub	-6.14	1.06	3540	2832	-4.10	1.01	1.43	72.05	116.35	43.23	SI
2 Piso	P19	Bottom	B244-Wx+ Loub	-17.52	1.06	3540	2832	1.71	0.79	0.77	85.66	135.40	51.40	SI
2 Piso	P19	Top	B244-Wx- Loub	-6.14	1.06	3540	2832	-4.10	1.01	1.43	72.05	116.35	43.23	SI
2 Piso	P19	Bottom	B244-Wx- Loub	-17.52	1.06	3540	2832	1.71	0.79	0.77	85.66	135.40	51.40	SI
2 Piso	P19	Top	B244-Wy+ Loub	-6.14	1.06	3540	2832	-4.10	1.01	1.43	72.05	116.35	43.23	SI
2 Piso	P19	Bottom	B244-Wy+ Loub	-17.52	1.06	3540	2832	1.71	0.79	0.77	85.66	135.40	51.40	SI
2 Piso	P19	Top	B244-Wy- Loub	-6.14	1.06	3540	2832	-4.10	1.01	1.43	72.05	116.35	43.23	SI
2 Piso	P19	Bottom	B244-Wy- Loub	-17.52	1.06	3540	2832	1.71	0.79	0.77	85.66	135.40	51.40	SI
2 Piso	P19	Top	B245-Ex+	-5.19	1.06	3540	2832	-3.38	0.70	1.71	71.81	116.35	43.09	SI
2 Piso	P19	Bottom	B245-Ex+	-16.36	1.06	3540	2832	1.67	0.72	0.78	84.89	134.54	50.93	SI
2 Piso	P18	Top	B245-Ex-	-4.69	1.06	3540	2832	-3.17	1.26	0.89	78.87	125.52	46.12	SI
2 Piso	P18	Bottom	B245-Ex-	-15.52	1.06	3540	2832	1.51	0.95	0.56	94.47	151.87	56.66	SI
2 Piso	P18	Top	B245-Ey+	-4.65	1.06	3540	2832	-3.57	2.38	0.53	99.23	154.48	55.94	SI
2 Piso	P18	Bottom	B245-Ey+	-15.61	1.06	3540	2832	3.48	2.28	0.54	95.83	153.87	57.38	SI
2 Piso	P19	Top	B245 Ey-	5.22	1.06	3540	2832	-2.97	-0.42	2.49	71.82	116.35	43.09	SI
2 Piso	P19	Bottom	B245-Ey-	-16.27	1.06	3540	2832	-0.35	-0.01	0.22	109.54	170.28	65.91	SI
2 Piso	P18	Top	B248-Wx+	-4.50	1.06	3540	2832	-2.99	0.44	2.40	71.64	116.35	42.98	SI
2 Piso	P18	Bottom	B248-Wx+	-12.50	1.06	3540	2832	1.00	0.25	1.40	73.64	116.35	44.19	SI
2 Piso	P18	Top	B246-Wx-	-4.50	1.06	3540	2832	-2.99	0.44	2.40	71.64	116.35	42.98	SI
2 Piso	P18	Bottom	B246-Wx-	-12.50	1.06	3540	2832	1.00	0.25	1.40	73.64	116.35	44.19	SI
2 Piso	P19	Top	B246-Wy+	-4.50	1.06	3540	2832	-2.99	0.44	2.40	71.64	116.35	42.98	SI
2 Piso	P19	Bottom	B246-Wy+	-12.50	1.06	3540	2832	1.00	0.25	1.40	73.64	116.35	44.18	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	øVn (ton)	Cumple
2 Piso	P19	Top	S248-Wy-	4.50	1.06	3540	2832	-2.99	0.44	2.40	71.64	116.35	42.98	SI
2 Piso	P19	Bottom	B248-Wy-	-12.50	1.06	3540	2832	1.00	0.25	1.40	73.64	116.35	44.19	SI
2 Piso	P19	Top	B247 Ex+	-3.90	1.06	3540	2832	-2.52	0.14	6.48	71.48	116.35	42.89	SI
2 Piso	P19	Bottom	B247-Ex+	-11.83	1.06	3540	2832	0.92	0.57	1.94	73.47	116.35	44.08	SI
2 Piso	P19	Top	B247-Ex-	-3.42	1.06	3540	2832	-2.30	0.70	1.16	71.37	116.35	42.82	SI
2 Piso	P19	Bottom	B247-Ex-	-10.99	1.06	3540	2832	0.85	0.40	0.70	84.47	136.18	50.68	SI
2 Piso	P19	Top	B247-Ey+	3.39	1.06	3540	2832	-2.71	1.82	0.50	93.08	154.79	55.85	SI
2 Piso	P19	Bottom	B247-Ey+	-11.08	1.06	3540	2832	2.81	1.73	0.57	92.80	150.88	55.66	SI
2 Piso	P19	Top	B247 Ey-	-2.94	1.06	3540	2832	-2.41	-0.98	0.78	82.54	135.99	49.52	SI
2 Piso	P19	Bottom	B247-Ey-	-11.78	1.06	3540	2832	-3.04	-1.16	0.32	104.84	171.88	62.90	SI
2 Piso	P19	Top	B242 G	-8.02	1.06	3540	2832	-4.03	0.78	1.13	72.07	116.35	43.23	SI
2 Piso	P19	Bottom	B242 G	-17.75	1.06	3540	2832	1.90	1.07	0.63	81.93	140.39	50.16	SI
2 Piso	P19	Top	B243-Wx- G	8.65	1.06	3540	2832	-5.81	0.95	3.13	72.68	116.35	43.61	SI
2 Piso	P19	Bottom	B243-Wx- G	-20.14	1.06	3540	2832	1.70	0.24	2.51	75.55	130.35	45.33	SI
2 Piso	P19	Top	B243-Wy- G	-8.85	1.06	3540	2832	-5.81	0.66	3.13	72.68	116.35	43.61	SI
2 Piso	P19	Bottom	B243-Wy- G	-20.14	1.06	3540	2832	1.70	0.24	2.51	75.55	116.35	45.33	SI
2 Piso	P19	Top	B243-Wx+ G	8.85	1.06	3540	2832	-5.81	0.86	3.13	72.68	116.35	43.61	SI
2 Piso	P19	Bottom	B243-Wx+ G	20.14	1.06	3540	2832	1.70	0.24	2.51	75.55	116.35	45.33	SI
2 Piso	P19	Top	B243-Wy+ G	-8.85	1.06	3540	2832	-5.81	0.66	3.13	72.68	116.35	43.61	SI
2 Piso	P19	Bottom	B243-Wy+ G	-20.14	1.06	3540	2832	1.70	0.24	2.51	75.55	116.35	45.33	SI
2 Piso	P19	Top	B244 Wx- G	-8.82	1.06	3540	2832	-4.57	1.03	1.57	72.22	116.35	43.33	SI
2 Piso	P19	Bottom	B244-Wx- G	-18.40	1.06	3540	2832	1.80	0.78	0.83	82.74	129.84	49.64	SI
2 Piso	P19	Top	B244-Wx+ G	-8.82	1.06	3540	2832	-4.57	1.03	1.57	72.22	116.35	43.33	SI
2 Piso	P19	Bottom	B244-Wx+ G	18.40	1.06	3540	2832	1.80	0.78	0.83	82.74	129.84	49.64	SI
2 Piso	P19	Top	B244 Wy- G	-8.82	1.06	3540	2832	-4.57	1.03	1.57	72.22	116.35	43.33	SI
2 Piso	P19	Bottom	B244 Wy- G	-18.40	1.06	3540	2832	1.80	0.78	0.83	82.74	129.84	49.64	SI
2 Piso	P19	Top	B244-Wy+ G	-8.82	1.06	3540	2832	-4.57	1.03	1.57	72.22	116.35	43.33	SI
2 Piso	P19	Bottom	B244-Wy+ G	-18.40	1.06	3540	2832	1.80	0.78	0.83	82.74	129.84	49.64	SI
2 Piso	P20	Top	B241	-5.88	1.07	3560	2848	5.71	-2.17	0.82	78.85	123.29	45.57	SI
2 Piso	P20	Bottom	B241	-17.38	1.07	3560	2848	-1.72	-1.39	0.43	101.38	159.22	80.83	SI
2 Piso	P20	Top	B242 Lcub	-5.81	1.07	3560	2848	5.43	-2.84	0.69	87.15	143.26	52.29	SI
2 Piso	P20	Bottom	B242 Lcub	-18.26	1.07	3560	2848	2.60	-2.24	0.41	107.31	165.36	64.39	SI
2 Piso	P20	Top	B243-Wx+ Lcub	-5.79	1.07	3560	2848	6.79	-2.38	1.01	72.61	117.01	43.57	SI
2 Piso	P20	Bottom	B243-Wx+ Lcub	18.90	1.07	3560	2848	-1.51	-1.39	0.39	103.18	166.84	61.92	SI
2 Piso	P20	Top	B243-Wx- Lcub	-5.79	1.07	3560	2848	6.79	-2.38	1.01	72.61	117.01	43.57	SI
2 Piso	P20	Bottom	B243-Wx- Lcub	-18.90	1.07	3560	2848	-1.51	-1.39	0.39	103.18	166.84	61.92	SI
2 Piso	P20	Top	B243-Wy+ Lcub	-5.79	1.07	3560	2848	6.79	-2.38	1.01	72.61	117.01	43.57	SI
2 Piso	P20	Bottom	B243-Wy+ Lcub	-18.90	1.07	3560	2848	-1.51	-1.39	0.39	103.18	166.84	61.92	SI
2 Piso	P20	Top	B243-Wy- Lcub	-5.79	1.07	3560	2848	6.79	-2.38	1.01	72.61	117.01	43.57	SI
2 Piso	P20	Bottom	B243-Wy- Lcub	-18.90	1.07	3560	2848	-1.51	-1.39	0.39	103.18	166.84	61.92	SI
2 Piso	P20	Top	B244-Wx- Lcub	-6.45	1.07	3560	2848	6.43	-2.78	0.82	81.18	132.31	48.71	SI
2 Piso	P20	Bottom	B244-Wx- Lcub	-18.98	1.07	3560	2848	-2.20	-1.85	0.40	102.97	166.22	61.78	SI
2 Piso	P20	Top	B244-Wx+ Lcub	-6.45	1.07	3560	2848	6.43	-2.78	0.81	81.18	132.31	48.71	SI
2 Piso	P20	Bottom	B244-Wx+ Lcub	-18.98	1.07	3560	2848	-2.20	-1.85	0.40	102.97	166.22	61.78	SI
2 Piso	P20	Top	B244-Wy+ Lcub	-6.45	1.07	3560	2848	6.43	-2.78	0.81	81.18	132.31	48.71	SI
2 Piso	P20	Bottom	B244-Wy+ Lcub	-18.98	1.07	3560	2848	-2.20	-1.85	0.40	102.97	166.22	61.78	SI
2 Piso	P20	Top	B244-Wy- Lcub	-6.45	1.07	3560	2848	6.43	-2.78	0.81	81.18	132.31	48.71	SI
2 Piso	P20	Bottom	B244-Wy- Lcub	-18.98	1.07	3560	2848	-2.20	-1.85	0.40	102.97	166.22	61.78	SI
2 Piso	P20	Top	B245-Ex+	-6.54	1.07	3560	2848	5.27	-2.09	0.08	77.64	126.45	46.58	SI
2 Piso	P20	Bottom	B245 Ex+	-15.88	1.07	3560	2848	-2.25	-1.68	0.47	99.30	160.20	59.53	SI
2 Piso	P20	Top	B245-Ex-	-4.83	1.07	3560	2848	4.71	-2.71	0.61	80.09	129.80	54.06	SI
2 Piso	P20	Bottom	B245-Ex-	-15.06	1.07	3560	2848	-2.09	-1.67	0.37	103.59	168.16	62.18	SI
2 Piso	P20	Top	B245-Ey+	-5.35	1.07	3560	2848	4.59	-0.88	1.75	72.25	117.01	43.35	SI
2 Piso	P20	Bottom	B245 Ey+	-15.66	1.07	3560	2848	-0.17	-0.61	0.15	110.29	177.28	86.18	SI
2 Piso	P20	Top	B245-Ey-	-5.02	1.07	3560	2848	5.09	-3.82	0.47	98.72	160.45	59.03	SI
2 Piso	P20	Bottom	B245-Ey-	-15.25	1.07	3560	2848	4.17	-3.74	0.45	99.99	161.70	59.99	SI
2 Piso	P20	Top	B246-Wx+	-4.72	1.07	3560	2848	4.67	-1.66	0.99	72.60	117.91	43.56	SI
2 Piso	P20	Bottom	B246-Wx+	-12.23	1.07	3560	2848	-1.12	-0.98	0.40	101.50	165.71	60.90	SI
2 Piso	P20	Top	B246-Wx-	-4.72	1.07	3560	2848	4.67	-1.66	0.09	72.60	117.91	43.56	SI
2 Piso	P20	Bottom	B246-Wx-	-12.23	1.07	3560	2848	-1.12	-0.98	0.40	101.50	165.71	60.90	SI
2 Piso	P20	Top	B246-Wy+	-4.72	1.07	3560	2848	4.67	-1.66	0.99	72.60	117.91	43.56	SI
2 Piso	P20	Bottom	B246-Wy+	-12.23	1.07	3560	2848	-1.12	-0.98	0.40	101.50	165.71	60.90	SI
2 Piso	P20	Top	B246-Wy-	-4.72	1.07	3560	2848	4.67	-1.66	0.99	72.60	117.91	43.56	SI
2 Piso	P20	Bottom	B246-Wy-	-12.23	1.07	3560	2848	-1.12	-0.98	0.40	101.50	165.71	60.90	SI
2 Piso	P20	Top	B247-Ex+	-4.19	1.07	3560	2848	3.05	-1.09	1.28	71.96	117.01	43.18	SI
2 Piso	P20	Bottom	B247-Ex+	-11.58	1.07	3560	2848	1.18	-0.75	0.55	94.96	150.36	56.61	SI
2 Piso	P20	Top	B247-Ex-	-3.43	1.07	3560	2848	3.39	-1.70	0.79	85.70	141.83	51.42	SI
2 Piso	P20	Bottom	B247-Ex-	-10.77	1.07	3560	2848	-1.03	-1.04	0.35	103.75	170.34	62.25	SI
2 Piso	P20	Top	B247-Ey+	4.00	1.07	3560	2848	3.57	0.02	50.58	71.96	117.01	43.18	SI
2 Piso	P20	Bottom	B247-Ey+	-11.38	1.07	3560	2848	0.89	0.52	0.80	91.60	140.24	55.19	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P20	Top	B247-Ey-	-9.67	1.07	3560	2848	9.76	-2.02	0.47	98.20	160.27	57.77	SI
2 Piso	P20	Bottom	B247-Ey-	-10.99	1.07	3560	2848	-3.10	-2.31	0.47	88.20	160.08	56.90	SI
2 Piso	P20	Top	B242 G	6.33	1.07	3560	2848	9.30	-3.05	0.72	85.20	139.49	51.12	SI
2 Piso	P20	Bottom	B242 G	-17.12	1.07	3560	2848	2.81	2.31	0.40	102.87	166.95	61.78	SI
2 Piso	P20	Top	B243-Wx- G	-9.06	1.07	3560	2848	9.39	3.04	1.08	73.18	117.01	43.91	SI
2 Piso	P20	Bottom	B243-Wx- G	-19.83	1.07	3560	2848	-1.56	-1.58	0.35	105.88	170.18	63.53	SI
2 Piso	P20	Top	B243-Wy- G	-9.06	1.07	3560	2848	9.39	-3.04	1.08	73.18	117.01	43.91	SI
2 Piso	P20	Bottom	B243-Wy- G	-19.83	1.07	3560	2848	-1.56	-1.58	0.35	105.88	170.18	63.53	SI
2 Piso	P20	Top	B243-Wx+ G	-9.06	1.07	3560	2848	9.39	-3.04	1.08	73.18	117.01	43.91	SI
2 Piso	P20	Bottom	B243-Wx+ G	-19.83	1.07	3560	2848	-1.56	-1.58	0.35	105.88	170.18	63.53	SI
2 Piso	P20	Top	B243-Wy+ G	-9.06	1.07	3560	2848	9.39	-3.04	1.08	73.18	117.01	43.91	SI
2 Piso	P20	Bottom	B243-Wy+ G	-19.83	1.07	3560	2848	-1.56	-1.58	0.35	105.88	170.18	63.53	SI
2 Piso	P20	Top	B244-Wx- G	-7.17	1.07	3560	2848	7.24	-2.99	0.85	79.62	129.25	47.77	SI
2 Piso	P20	Bottom	B244-Wx- G	-17.83	1.07	3560	2848	-2.21	-2.01	0.39	103.88	167.10	62.21	SI
2 Piso	P20	Top	B244-Wx+ G	-7.17	1.07	3560	2848	7.24	-2.99	0.85	79.62	129.25	47.77	SI
2 Piso	P20	Bottom	B244-Wx+ G	-17.83	1.07	3560	2848	-2.21	-2.01	0.39	103.88	167.10	62.21	SI
2 Piso	P20	Top	B244-Wy- G	-7.17	1.07	3560	2848	7.24	-2.99	0.85	79.62	129.25	47.77	SI
2 Piso	P20	Bottom	B244-Wy- G	-17.83	1.07	3560	2848	-2.21	-2.01	0.39	103.88	167.10	62.21	SI
2 Piso	P20	Top	B244-Wy+ G	-7.17	1.07	3560	2848	7.24	-2.99	0.85	79.62	129.25	47.77	SI
2 Piso	P20	Bottom	B244-Wy+ G	-17.83	1.07	3560	2848	-2.21	-2.01	0.39	103.88	167.10	62.21	SI
2 Piso	P21	Top	B241	-6.81	1.37	4570	3656	-3.10	0.73	1.18	92.75	150.20	55.66	SI
2 Piso	P21	Bottom	B241	-14.93	1.37	4570	3656	0.90	1.29	0.19	141.26	227.58	84.77	SI
2 Piso	P21	Top	B242 Loub	-8.44	1.37	4570	3656	-2.93	1.78	0.43	125.17	207.66	75.07	SI
2 Piso	P21	Bottom	B242 Loub	-17.87	1.37	4570	3656	2.03	2.51	0.33	135.02	220.22	81.02	SI
2 Piso	P21	Top	B243-Wx+ Loub	-7.65	1.37	4570	3656	3.64	0.67	1.49	92.66	150.20	55.77	SI
2 Piso	P21	Bottom	B243-Wx+ Loub	-16.09	1.37	4570	3656	0.26	1.14	0.08	141.07	227.58	84.64	SI
2 Piso	P21	Top	B243-Wx- Loub	-7.65	1.37	4570	3656	-3.64	0.67	1.49	92.95	150.20	55.77	SI
2 Piso	P21	Bottom	B243-Wx- Loub	-16.09	1.37	4570	3656	0.26	1.14	0.08	141.07	227.58	84.64	SI
2 Piso	P21	Top	B243-Wy+ Loub	-7.65	1.37	4570	3656	-3.64	0.67	1.49	92.95	150.20	55.77	SI
2 Piso	P21	Bottom	B243-Wy+ Loub	-16.09	1.37	4570	3656	0.26	1.14	0.08	141.07	227.58	84.64	SI
2 Piso	P21	Top	B243-Wy- Loub	-7.65	1.37	4570	3656	-3.64	0.67	1.49	92.95	150.20	55.77	SI
2 Piso	P21	Bottom	B243-Wy- Loub	-16.09	1.37	4570	3656	0.26	1.14	0.08	141.07	227.58	84.64	SI
2 Piso	P21	Top	B244-Wx+ Loub	-7.31	1.37	4570	3656	-3.43	1.37	0.68	111.57	183.31	66.94	SI
2 Piso	P21	Bottom	B244-Wx+ Loub	-18.27	1.37	4570	3656	1.87	2.00	0.26	139.66	229.15	83.79	SI
2 Piso	P21	Top	B244-Wx- Loub	-7.31	1.37	4570	3656	-3.43	1.37	0.68	111.57	183.31	66.94	SI
2 Piso	P21	Bottom	B244-Wx- Loub	-18.27	1.37	4570	3656	1.87	2.00	0.26	139.66	229.15	83.79	SI
2 Piso	P21	Top	B244-Wy+ Loub	-7.31	1.37	4570	3656	-3.43	1.37	0.68	111.57	183.31	66.94	SI
2 Piso	P21	Bottom	B244-Wy+ Loub	-18.27	1.37	4570	3656	1.87	2.00	0.26	139.66	229.15	83.79	SI
2 Piso	P21	Top	B244-Wy- Loub	-7.31	1.37	4570	3656	-3.43	1.37	0.68	111.57	183.31	66.94	SI
2 Piso	P21	Bottom	B244-Wy- Loub	-18.27	1.37	4570	3656	1.87	2.00	0.26	139.66	229.15	83.79	SI
2 Piso	P21	Top	B245-Ex+	-8.61	1.37	4570	3656	-3.01	1.81	0.45	124.97	207.31	74.98	SI
2 Piso	P21	Bottom	B245-Ex+	-17.50	1.37	4570	3656	2.22	2.00	0.30	136.59	223.06	81.95	SI
2 Piso	P21	Top	B245-Ex-	-6.38	1.37	4570	3656	-2.37	0.97	0.75	107.28	176.87	64.37	SI
2 Piso	P21	Bottom	B245-Ex-	-16.23	1.37	4570	3656	2.30	1.95	0.32	135.21	221.19	81.13	SI
2 Piso	P21	Top	B245-Ey+	-6.89	1.37	4570	3656	-2.50	3.98	0.17	138.05	227.58	82.83	SI
2 Piso	P21	Bottom	B245-Ey+	-16.77	1.37	4570	3656	4.85	2.82	0.46	125.72	204.15	75.43	SI
2 Piso	P21	Top	B245-Ey-	-8.01	1.37	4570	3656	-2.88	-1.30	0.61	118.88	191.50	69.59	SI
2 Piso	P21	Bottom	B245-Ey-	-16.95	1.37	4570	3656	-0.13	1.32	0.03	140.78	227.58	84.47	SI
2 Piso	P21	Top	B246-Wx+	-5.35	1.37	4570	3656	-2.51	0.48	1.39	92.37	150.20	55.42	SI
2 Piso	P21	Bottom	B246-Wx+	-13.15	1.37	4570	3656	0.31	0.85	0.10	139.84	227.58	83.90	SI
2 Piso	P21	Top	B246-Wx-	-5.35	1.37	4570	3656	-2.51	0.49	1.38	92.37	150.20	55.42	SI
2 Piso	P21	Bottom	B246-Wx-	-13.15	1.37	4570	3656	0.31	0.85	0.10	139.84	227.58	83.90	SI
2 Piso	P21	Top	B246-Wy+	-5.35	1.37	4570	3656	-2.51	0.48	1.39	92.37	150.20	55.42	SI
2 Piso	P21	Bottom	B246-Wy+	-13.15	1.37	4570	3656	0.31	0.85	0.10	139.84	227.58	83.90	SI
2 Piso	P21	Top	B246-Wy-	-5.35	1.37	4570	3656	-2.51	0.49	1.38	92.37	150.20	55.42	SI
2 Piso	P21	Bottom	B246-Wy-	-13.15	1.37	4570	3656	0.31	0.85	0.10	139.84	227.58	83.90	SI
2 Piso	P21	Top	B247-Ex+	-5.00	1.37	4570	3656	-2.32	0.94	0.67	111.85	184.45	66.99	SI
2 Piso	P21	Bottom	B247-Ex+	-12.80	1.37	4570	3656	0.54	0.85	0.17	138.75	227.58	83.85	SI
2 Piso	P21	Top	B247-Ex-	3.83	1.37	4570	3656	1.67	0.00	123.70	91.99	150.20	55.10	SI
2 Piso	P21	Bottom	B247-Ex-	-11.94	1.37	4570	3656	0.62	0.90	0.21	139.43	227.58	83.66	SI
2 Piso	P21	Top	B247-Ey+	-4.43	1.37	4570	3656	-1.81	3.11	0.16	137.66	227.58	82.58	SI
2 Piso	P21	Bottom	B247-Ey+	-12.08	1.37	4570	3656	2.97	1.48	0.68	120.69	197.33	72.41	SI
2 Piso	P21	Top	B247-Ey-	-4.45	1.37	4570	3656	-2.18	-2.17	0.20	135.01	220.84	81.01	SI
2 Piso	P21	Bottom	B247-Ey-	-12.28	1.37	4570	3656	-1.85	0.18	2.80	84.10	150.20	58.48	SI
2 Piso	P21	Top	B242 G	-7.18	1.37	4570	3656	3.36	1.79	0.51	121.01	201.49	73.06	SI
2 Piso	P21	Bottom	B242 G	-16.47	1.37	4570	3656	2.81	2.52	0.31	136.76	222.83	82.06	SI
2 Piso	P21	Top	B243-Wx- G	-10.02	1.37	4570	3656	-4.96	0.73	1.86	93.54	150.20	56.12	SI
2 Piso	P21	Bottom	B243-Wx- G	-20.83	1.37	4570	3656	-0.45	1.19	0.10	141.71	227.58	85.02	SI
2 Piso	P21	Top	B243-Wy- G	-10.02	1.37	4570	3656	-4.96	0.73	1.86	93.54	150.20	56.12	SI
2 Piso	P21	Bottom	B243-Wy- G	-20.83	1.37	4570	3656	-0.45	1.19	0.10	141.71	227.58	85.02	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M22 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P21	Top	B243-Wx+ G	-10.02	1.37	4570	3658	-4.98	0.73	1.80	93.54	190.20	56.12	SI
2 Piso	P21	Bottom	B243-Wx+ G	-20.83	1.37	4570	3658	0.45	1.19	0.10	141.71	227.58	85.02	SI
2 Piso	P21	Top	B243-Wy+ G	-10.02	1.37	4570	3658	-4.88	0.73	1.80	93.54	190.20	56.12	SI
2 Piso	P21	Bottom	B243-Wy+ G	-20.83	1.37	4570	3658	-0.45	1.19	0.10	141.71	227.58	85.02	SI
2 Piso	P21	Top	B244-Wx- G	-8.05	1.37	4570	3658	-3.85	1.39	0.78	107.44	175.67	64.46	SI
2 Piso	P21	Bottom	B244-Wx- G	-19.07	1.37	4570	3658	1.85	2.02	0.22	141.32	227.58	84.79	SI
2 Piso	P21	Top	B244-Wx+ G	-8.05	1.37	4570	3658	3.85	1.39	0.78	107.44	175.67	64.46	SI
2 Piso	P21	Bottom	B244-Wx+ G	-19.07	1.37	4570	3658	1.85	2.02	0.22	141.32	227.58	84.79	SI
2 Piso	P21	Top	B244-Wy- G	-8.05	1.37	4570	3658	-3.85	1.39	0.78	107.44	175.67	64.46	SI
2 Piso	P21	Bottom	B244-Wy- G	-19.07	1.37	4570	3658	1.85	2.02	0.22	141.32	227.58	84.79	SI
2 Piso	P21	Top	B244-Wy+ G	-8.05	1.37	4570	3658	-3.85	1.39	0.78	107.44	175.67	64.46	SI
2 Piso	P21	Bottom	B244-Wy+ G	-19.07	1.37	4570	3658	1.85	2.02	0.22	141.32	227.58	84.79	SI
2 Piso	P22	Top	B241	-0.04	0.78	2630	2104	1.42	0.19	3.61	53.15	86.44	31.88	SI
2 Piso	P22	Bottom	B241	-11.81	0.78	2630	2104	-1.07	-2.70	0.19	81.54	130.97	48.92	SI
2 Piso	P22	Top	B242 Loub	2.80	0.79	2630	2104	-1.25	0.11	6.25	53.09	86.44	31.85	SI
2 Piso	P22	Bottom	B242 Loub	-10.56	0.79	2630	2104	-1.58	-3.82	0.20	81.22	130.97	48.73	SI
2 Piso	P22	Top	B243-Wx+ Loub	3.60	0.79	2630	2104	-1.69	0.13	8.29	53.26	86.44	31.96	SI
2 Piso	P22	Bottom	B243-Wx+ Loub	-11.30	0.79	2630	2104	-1.11	-2.06	0.26	80.67	131.31	48.34	SI
2 Piso	P22	Top	B243-Wx- Loub	-3.50	0.78	2630	2104	-1.68	0.13	8.29	53.26	86.44	31.96	SI
2 Piso	P22	Bottom	B243-Wx- Loub	-11.30	0.79	2630	2104	-1.11	-2.06	0.26	80.67	131.31	48.34	SI
2 Piso	P22	Top	B243-Wy+ Loub	-3.50	0.79	2630	2104	-1.69	0.13	8.29	53.26	86.44	31.96	SI
2 Piso	P22	Bottom	B243-Wy+ Loub	-11.30	0.79	2630	2104	-1.11	-2.06	0.26	80.67	131.31	48.34	SI
2 Piso	P22	Top	B244-Wx+ Loub	-3.27	0.78	2630	2104	-1.53	0.11	6.55	53.21	86.44	31.92	SI
2 Piso	P22	Bottom	B244-Wx+ Loub	-11.12	0.78	2630	2104	-1.45	-3.10	0.22	81.38	130.97	48.82	SI
2 Piso	P22	Top	B244-Wx- Loub	-3.27	0.78	2630	2104	-1.53	0.11	6.55	53.21	86.44	31.92	SI
2 Piso	P22	Bottom	B244-Wx- Loub	-11.12	0.78	2630	2104	-1.45	-3.10	0.22	81.38	130.97	48.82	SI
2 Piso	P22	Top	B244-Wy+ Loub	-3.27	0.78	2630	2104	-1.53	0.11	6.55	53.21	86.44	31.92	SI
2 Piso	P22	Bottom	B244-Wy+ Loub	-11.12	0.78	2630	2104	-1.45	-3.10	0.22	81.38	130.97	48.82	SI
2 Piso	P22	Top	B244-Wy- Loub	-3.27	0.79	2630	2104	-1.53	0.11	6.55	53.21	86.44	31.92	SI
2 Piso	P22	Bottom	B244-Wy- Loub	-11.12	0.79	2630	2104	-1.45	-3.10	0.22	81.38	130.97	48.82	SI
2 Piso	P22	Top	B245-Ex+	-2.89	0.79	2630	2104	-1.26	-0.27	2.23	53.11	86.44	31.97	SI
2 Piso	P22	Bottom	B245-Ex+	-12.32	0.79	2630	2104	-1.69	-4.25	0.18	81.88	130.97	49.00	SI
2 Piso	P22	Top	B245-Ex-	-2.31	0.79	2630	2104	-1.08	0.54	0.95	54.59	88.32	33.78	SI
2 Piso	P22	Bottom	B245-Ex-	-8.13	0.78	2630	2104	-0.81	-2.34	0.18	80.62	130.97	48.37	SI
2 Piso	P22	Top	B245-Ey+	-2.50	0.79	2630	2104	-1.52	1.34	0.54	88.09	114.18	44.21	SI
2 Piso	P22	Bottom	B245-Ey+	11.23	0.79	2630	2104	-0.49	-3.25	0.07	81.99	130.97	48.83	SI
2 Piso	P22	Top	B245-Ey-	-2.70	0.79	2630	2104	-0.82	-1.07	0.37	74.83	124.60	46.78	SI
2 Piso	P22	Bottom	B245-Ey-	-9.23	0.79	2630	2104	2.14	-3.34	0.30	78.36	128.34	47.03	SI
2 Piso	P22	Top	B248-Wx+	-2.42	0.78	2630	2104	-1.16	0.10	5.36	52.99	86.44	31.90	SI
2 Piso	P22	Bottom	B248-Wx+	-8.21	0.78	2630	2104	-0.79	-1.60	0.23	80.64	130.97	48.36	SI
2 Piso	P22	Top	B246-Wx	-2.42	0.79	2630	2104	-1.16	0.10	5.36	52.99	86.44	31.80	SI
2 Piso	P22	Bottom	B246-Wx	-8.21	0.79	2630	2104	-0.79	-1.60	0.23	80.64	130.97	48.38	SI
2 Piso	P22	Top	B246-Wy+	-2.42	0.79	2630	2104	-1.16	0.10	5.36	52.99	86.44	31.80	SI
2 Piso	P22	Bottom	B246-Wy+	-8.21	0.79	2630	2104	-0.79	-1.60	0.23	80.64	130.97	48.38	SI
2 Piso	P22	Top	B246-Wy-	-2.42	0.79	2630	2104	-1.16	0.10	5.36	52.99	86.44	31.80	SI
2 Piso	P22	Bottom	B246-Wy-	-8.21	0.79	2630	2104	-0.79	-1.60	0.23	80.64	130.97	48.38	SI
2 Piso	P22	Top	B247-Ex+	-2.25	0.79	2630	2104	-1.01	-0.25	1.68	52.95	86.44	31.77	SI
2 Piso	P22	Bottom	B247-Ex+	-8.88	0.79	2630	2104	-1.06	-2.69	0.19	81.00	130.97	48.60	SI
2 Piso	P22	Top	B247-Ex-	-1.06	0.79	2630	2104	-0.83	0.53	0.75	61.40	101.64	36.84	SI
2 Piso	P22	Bottom	B247-Ex-	-5.50	0.78	2630	2104	-0.28	-0.73	0.18	79.86	130.97	47.97	SI
2 Piso	P22	Top	B247-Ey+	-1.85	0.79	2630	2104	-1.28	1.32	0.45	71.45	119.35	42.87	SI
2 Piso	P22	Bottom	B247-Ey+	-8.59	0.79	2630	2104	0.15	-1.68	0.04	80.73	130.97	48.44	SI
2 Piso	P22	Top	B247-Ey-	-2.08	0.79	2630	2104	-0.57	-1.09	0.25	79.10	130.97	47.46	SI
2 Piso	P22	Bottom	B247-Ey-	-6.69	0.79	2630	2104	-1.52	-1.78	0.41	74.24	122.58	44.54	SI
2 Piso	P22	Top	B242 C	-3.18	0.79	2630	2104	-1.45	0.10	8.69	53.18	86.44	31.91	SI
2 Piso	P22	Bottom	B242 C	-11.00	0.79	2630	2104	1.66	-3.71	0.21	91.35	130.97	48.81	SI
2 Piso	P22	Top	B243 Wx- G	-4.71	0.79	2630	2104	-2.34	0.08	13.39	53.57	86.44	32.14	SI
2 Piso	P22	Bottom	B243-Wx- G	-12.90	0.79	2630	2104	-1.37	-1.71	0.38	76.69	123.73	46.02	SI
2 Piso	P22	Top	B243-Wy- G	-4.71	0.79	2630	2104	-2.34	0.08	13.39	53.57	86.44	32.14	SI
2 Piso	P22	Bottom	B243-Wy- G	-12.90	0.79	2630	2104	-1.37	-1.71	0.38	76.69	123.73	46.02	SI
2 Piso	P22	Top	B243-Wx+ G	-4.71	0.79	2630	2104	2.34	0.08	13.39	53.57	86.44	32.14	SI
2 Piso	P22	Bottom	B243-Wx+ G	-12.90	0.79	2630	2104	-1.37	-1.71	0.38	76.69	123.73	46.02	SI
2 Piso	P22	Top	B243 Wy+ G	-4.71	0.79	2630	2104	-2.34	0.08	13.39	53.57	86.44	32.14	SI
2 Piso	P22	Bottom	B243-Wy+ G	-12.90	0.79	2630	2104	-1.37	-1.71	0.38	76.69	123.73	46.02	SI
2 Piso	P22	Top	B244-Wx- G	-3.65	0.78	2630	2104	-1.79	0.10	8.48	53.30	86.44	31.98	SI
2 Piso	P22	Bottom	B244-Wx- G	-11.62	0.79	2630	2104	-1.53	-2.99	0.24	81.40	130.97	48.89	SI
2 Piso	P22	Top	B244-Wx+ G	-3.65	0.78	2630	2104	-1.79	0.10	8.48	53.30	86.44	31.98	SI
2 Piso	P22	Bottom	B244-Wx+ G	-11.62	0.79	2630	2104	-1.53	-2.99	0.24	81.40	130.97	48.89	SI

ANEXO 3. REVISIÓN PARA CORTANTE PARALELO AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Pu (ton)	Acmv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P22	Top	B2da-Wy- G	-3 85	0 79	2930	2104	-1.73	0 10	8.48	53 30	88.44	31.98	SI
2 Piso	P22	Bottom	B244-Wy- G	-11.02	0 79	2930	2104	-1 53	-2.89	0.24	81 45	130 97	48.89	SI
2 Piso	P22	Top	B244-Wy+ G	-3.85	0.79	2930	2104	1.73	0 10	8.48	53.30	88.44	31.98	SI
2 Piso	P22	Bottom	B244 Wy+ G	-11.02	0.79	2930	2104	-1.53	-2.89	0 24	81.48	130 97	48.89	SI
2 Piso	P23	Top	B241	-1 87	0.44	1480	1184	-0.25	0.16	1 53	29.85	48.64	17 97	SI
2 Piso	P23	Bottom	B24*	-0 51	0.44	1480	1184	-2 52	-1.86	1 08	31 11	48 64	18 87	SI
2 Piso	P23	Top	B242 Loub	1 72	0.44	1480	1184	-0 25	-0 36	0 58	37 82	62 60	22.58	SI
2 Piso	P23	Bottom	B242 Loub	-5.02	0.44	1480	1184	-4.47	-1 85	2 29	30.74	48 64	18.44	SI
2 Piso	P23	Top	B243-Wx+ Loub	-2 06	0 44	1480	1184	-0 41	0 34	1 02	30.00	48.64	18 00	SI
2 Piso	P23	Bottom	B243-Wx+ Loub	-8 46	0 44	1480	1184	-2.28	-2.06	0 93	32 38	50.81	19 43	SI
2 Piso	P23	Top	B243-Wx- Loub	-2.08	0 44	1480	1184	-0 41	0.34	1.02	30 00	48.64	18.00	SI
2 Piso	P23	Bottom	B243-Wx- Loub	-0.48	0 44	1480	1184	-2 28	-2 06	0.93	32.38	50 81	19 43	SI
2 Piso	P23	Top	B243-Wy+ Loub	2.09	0 44	1480	1184	-0 41	0.34	1.02	30.00	48 64	18.00	SI
2 Piso	P23	Bottom	B243-Wy+ Loub	-8 46	0.44	1480	1184	-2.28	-2.06	0 93	32.38	50.81	19 43	SI
2 Piso	P23	Top	B243-Wy- Loub	-2.08	0.44	1480	1184	-0.41	0.34	1 02	30.00	48.64	18.00	SI
2 Piso	P23	Bottom	B243-Wy- Loub	-8.46	0.44	1480	1184	-2.28	-2.06	0 93	32.38	50.81	19.43	SI
2 Piso	P23	Top	B244-Wx+ Loub	1.97	0 44	1480	1184	-0 38	-0.05	0.05	29 97	48 64	17.98	SI
2 Piso	P23	Bottom	B244-Wx+ Loub	-5.77	0 44	1480	1184	-3.68	-1 89	1.84	30.62	48.64	18.55	SI
2 Piso	P23	Top	B244-Wx- Loub	-1.97	0 44	1480	1184	-0.38	-0 05	6.05	29.97	48.64	17.98	SI
2 Piso	P23	Bottom	B244-Wx- Loub	-5.77	0.44	1480	1184	3.68	-1.89	1 84	30.62	48.64	18 55	SI
2 Piso	P23	Top	B244-Wy+ Loub	-1 97	0.44	1480	1184	-0.38	-0 05	6 05	29.97	48 64	17 98	SI
2 Piso	P23	Bottom	B244-Wy+ Loub	-5 77	0.44	1480	1184	-3 68	-1.89	1.84	30 62	48 64	18.55	SI
2 Piso	P23	Top	B244-Wy- Loub	1.97	0 44	1480	1184	-0 38	-0 05	6.05	29 97	48 64	17.98	SI
2 Piso	P23	Bottom	B244-Wy- Loub	-5.77	0.44	1480	1184	-3.68	-1.89	1.84	30.62	48.64	18.55	SI
2 Piso	P23	Top	B245-Ex+	-1.56	0 44	1480	1184	-0.22	-0 87	0 27	43 81	73.30	26 29	SI
2 Piso	P23	Bottom	B245-Ex+	-5.10	0 44	1480	1184	-1.74	0 05	3 09	30 75	48.64	18 46	SI
2 Piso	P23	Top	B245-Ex-	-1.85	0.44	1480	1184	-0 20	0.26	0.84	38.20	60.58	22.82	SI
2 Piso	P23	Bottom	B245-Ex-	-5.07	0 44	1480	1184	-5 44	-3 26	1.41	30.75	48 64	18.45	SI
2 Piso	P23	Top	B245-Ey+	-1.21	0 44	1480	1184	-0.04	-0 24	0.12	44.52	73 70	26 71	SI
2 Piso	P23	Bottom	B245-Ey+	3.31	0.44	1480	1184	-3.47	-1 68	1.53	30.31	48 64	18 18	SI
2 Piso	P23	Top	B245-Ey-	-2.00	0.44	1480	1184	-0.38	-0 16	2.01	29.98	48 64	17 99	SI
2 Piso	P23	Bottom	B245-Ey-	-6 90	0.44	1480	1184	-3.76	1.33	2 39	31 21	48 64	18.72	SI
2 Piso	P23	Top	B246-Wx+	-1 45	0 44	1480	1184	-0 26	0.21	1 07	29 84	48 64	17.91	SI
2 Piso	P23	Bottom	B246-Wx+	-4.65	0.44	1480	1184	-1 62	-1.46	0 87	31 18	49 59	18.71	SI
2 Piso	P23	Top	B246-Wx-	-1.45	0 44	1480	1184	-0.26	0 21	1.07	29 84	48 64	17 91	SI
2 Piso	P23	Bottom	B246-Wx-	-4.65	0 44	1480	1184	1.68	-1 46	0.87	31 18	49.50	18 71	SI
2 Piso	P23	Top	B246-Wy+	-1.45	0.44	1480	1184	-0.26	0 21	1.07	29 84	48 64	17.91	SI
2 Piso	P23	Bottom	B246-Wy+	-4 65	0.44	1480	1184	-1.60	-1.40	0.97	31 18	49.59	18 71	SI
2 Piso	P23	Top	B246-Wy-	-1.45	0.44	1480	1184	-0.26	0.21	1.07	29 84	48 64	17.91	SI
2 Piso	P23	Bottom	B246-Wy-	-4 65	0 44	1480	1184	-1 69	-1.46	0.87	31.18	49.59	18.71	SI
2 Piso	P23	Top	B247-Ex+	-1.15	0 44	1480	1184	-0 17	-0 38	0 39	41.45	69 30	24 87	SI
2 Piso	P23	Bottom	B247-Ex+	-4 22	0.44	1480	1184	0.23	0.39	0 49	40.30	66 82	24 10	SI
2 Piso	P23	Top	B247-Ex-	-1 21	0.44	1480	1184	-0 15	0 57	0 29	44 53	73 70	26 72	SI
2 Piso	P23	Bottom	B247-Ex-	-4 18	0 44	1480	1184	-3 47	2.92	1 01	30 52	48.04	18 31	SI
2 Piso	P23	Top	B247-Ey+	-0 80	0.44	1480	1184	0 01	0 05	0.17	44.42	73.70	26.85	SI
2 Piso	P23	Bottom	B247-Ey+	-2.30	0 44	1480	1184	-1.45	-1 54	0.00	33.98	55.54	20 39	SI
2 Piso	P23	Top	B247-Ey-	-1.60	0 44	1480	1184	-0 39	0 14	1.86	29.88	48 64	17 93	SI
2 Piso	P23	Bottom	B247-Ey-	-5.88	0.44	1480	1184	-1.78	-0.98	1 53	30.90	48.64	18 59	SI
2 Piso	P22	Top	B242 G	-1 92	0.44	1480	1184	-0.33	-0 27	1 03	29.96	48.64	17.98	SI
2 Piso	P23	Bottom	B242 G	-5 39	0.44	1480	1184	-4.52	-1.81	2 11	30.83	48 64	18.50	SI
2 Piso	P23	Top	B243-Wx- G	-2 73	0.44	1480	1184	-0 68	0.61	0 98	31 52	51 05	18.91	SI
2 Piso	P23	Bottom	B243-Wx- G	-7.86	0 44	1480	1184	-2 43	-2 58	0.80	35.28	56 52	21.17	SI
2 Piso	P23	Top	B243-Wy- G	-2.73	0 44	1480	1184	-0 68	0 61	0.99	31 52	51.05	18 91	SI
2 Piso	P23	Bottom	B243-Wy- G	-7.66	0.44	1480	1184	-2 43	2.58	0 80	35 28	56.52	21 17	SI
2 Piso	P23	Top	B243-Wy+ G	-2.73	0.44	1480	1184	-0.68	0 61	0.93	31 52	51.05	18.91	SI
2 Piso	P23	Bottom	B243 Wx+ G	-7 66	0.44	1480	1184	-2.43	-2 58	0.80	35 28	56.52	21 17	SI
2 Piso	P22	Top	B243-Wy+ G	-2 73	0.44	1480	1184	-0 68	0.61	0.93	31.52	51 05	18.91	SI
2 Piso	P23	Bottom	B243-Wy+ G	-7.66	0.44	1480	1184	-2.43	-2 58	0.80	35.28	56.52	21 17	SI
2 Piso	P23	Top	B244-Wx- G	-2 17	0 44	1480	1184	0.44	0.04	10 18	30.02	48 64	18.01	SI
2 Piso	P23	Bottom	B244-Wx- G	-6 14	0.44	1480	1184	-3.73	2.05	1 53	31.02	48.64	18.61	SI
2 Piso	P23	Top	B244-Wx+ G	-2 17	0 44	1480	1184	-0 44	0.04	10.18	30 02	48 64	18.01	SI
2 Piso	P23	Bottom	B244 Wx+ G	-6 14	0.44	1480	1184	-3.73	-2.05	1.53	31.02	48.64	18.61	SI
2 Piso	P23	Top	B244-Wy- G	-2.17	0.44	1480	1184	-0.44	0.04	10.18	30.02	48.64	18.01	SI
2 Piso	P23	Bottom	B244-Wy- G	-6.14	0 44	1480	1184	-3.73	-2.05	1.53	31.02	48 64	18.61	SI
2 Piso	P23	Top	B244-Wy+ G	-2.17	0.44	1480	1184	-0.44	0.04	10.18	30.02	48.64	18.01	SI
2 Piso	P23	Bottom	B244-Wy+ G	-6 14	0 44	1480	1184	-3.73	-2.05	1.53	31.02	48.64	18.61	SI
2 Piso	P24	Top	B241	-6 15	1.01	3350	2680	-1.08	-0.37	1 08	88 27	110 11	40.96	SI
2 Piso	P24	Bottom	B241	-16.74	1.01	3350	2680	-2 40	1.38	0 67	85 23	135 43	51.74	SI
2 Piso	P24	Top	B242 Loub	-5 75	1.01	3350	2680	-1.07	0 85	0.64	85.09	140 03	51 05	SI
2 Piso	P24	Bottom	B242 Loub	-14.21	1.01	3350	2680	1.83	2 43	0.28	101 90	165 90	60 90	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P24	Top	B243-Wx+ Loub	-6.79	1.01	3350	2680	1.51	-0.48	1.22	88.43	110.11	41.06	SI
2 Piso	P24	Bottom	B243-Wx+ Loub	-16.28	1.01	3350	2680	-2.52	1.50	0.63	87.03	138.81	52.22	SI
2 Piso	P24	Top	B243-Wx- Loub	-6.79	1.01	3350	2680	-1.51	-0.48	1.22	88.43	110.11	41.06	SI
2 Piso	P24	Bottom	B243-Wx- Loub	-16.28	1.01	3350	2680	-2.52	1.50	0.63	87.03	138.81	52.22	SI
2 Piso	P24	Top	B243-Wy+ Loub	-6.79	1.01	3350	2680	-1.51	-0.48	1.22	88.43	110.11	41.06	SI
2 Piso	P24	Bottom	B243-Wy+ Loub	-16.28	1.01	3350	2680	2.52	1.50	0.63	87.03	138.81	52.22	SI
2 Piso	P24	Top	B243-Wy- Loub	-6.79	1.01	3350	2680	1.51	-0.48	1.22	88.43	110.11	41.06	SI
2 Piso	P24	Bottom	B243-Wy- Loub	-16.28	1.01	3350	2680	-2.52	1.50	0.63	87.03	138.81	52.22	SI
2 Piso	P24	Top	B244-Wx+ Loub	-8.51	1.01	3350	2680	-1.37	0.20	2.56	88.99	110.11	41.02	SI
2 Piso	P24	Bottom	B244-Wx+ Loub	-15.51	1.01	3350	2680	0.09	2.17	0.02	103.97	166.83	62.38	SI
2 Piso	P24	Top	B244-Wx- Loub	-8.51	1.01	3350	2680	-1.37	0.20	2.56	88.36	110.11	41.02	SI
2 Piso	P24	Bottom	B244-Wx- Loub	-15.51	1.01	3350	2680	0.09	2.17	0.02	103.97	166.83	62.38	SI
2 Piso	P24	Top	B244-Wy+ Loub	-8.51	1.01	3350	2680	-1.37	0.20	2.56	88.36	110.11	41.02	SI
2 Piso	P24	Bottom	B244-Wy+ Loub	-15.51	1.01	3350	2680	0.09	2.17	0.02	103.97	166.83	62.38	SI
2 Piso	P24	Top	B244-Wy- Loub	-8.51	1.01	3350	2680	-1.37	0.20	2.56	88.36	110.11	41.02	SI
2 Piso	P24	Bottom	B244-Wy- Loub	-15.51	1.01	3350	2680	0.09	2.17	0.02	103.97	166.83	62.38	SI
2 Piso	P24	Top	B245-Ex+	5.34	1.01	3350	2680	1.06	0.80	0.57	88.73	143.12	52.04	SI
2 Piso	P24	Bottom	B245-Ex+	-11.92	1.01	3350	2680	6.69	4.24	0.61	86.79	140.32	52.07	SI
2 Piso	P24	Top	B245-Ex-	-5.39	1.01	3350	2680	-0.81	-0.07	4.04	88.08	110.11	40.85	SI
2 Piso	P24	Bottom	B245-Ex-	-15.18	1.01	3350	2680	-5.01	-0.44	6.08	70.78	110.11	42.47	SI
2 Piso	P24	Top	B245-Ey+	-4.96	1.01	3350	2680	-0.67	-0.02	18.61	67.97	110.11	40.78	SI
2 Piso	P24	Bottom	B245-Ey+	-13.37	1.01	3350	2680	0.82	1.72	0.31	100.44	166.83	62.06	SI
2 Piso	P24	Top	B245-Ey-	-3.77	1.01	3350	2680	-0.98	0.63	0.58	88.22	142.04	51.73	SI
2 Piso	P24	Bottom	B245-Ey-	-14.72	1.01	3350	2680	0.26	2.08	0.05	100.78	166.83	62.27	SI
2 Piso	P24	Top	B246-Wx+	-4.75	1.01	3350	2680	-1.00	-0.32	1.19	87.92	110.11	40.75	SI
2 Piso	P24	Bottom	B246-Wx+	-11.78	1.01	3350	2680	-1.79	1.05	0.64	85.43	137.98	51.26	SI
2 Piso	P24	Top	B246-Wx-	-4.75	1.01	3350	2680	-1.00	-0.32	1.19	87.92	110.11	40.75	SI
2 Piso	P24	Bottom	B246-Wx-	-11.78	1.01	3350	2680	-1.79	1.05	0.64	85.43	137.98	51.26	SI
2 Piso	P24	Top	B246-Wy+	-4.75	1.01	3350	2680	-1.00	0.32	1.19	87.92	110.11	40.75	SI
2 Piso	P24	Bottom	B246-Wy+	-11.78	1.01	3350	2680	-1.79	1.05	0.64	85.43	137.98	51.26	SI
2 Piso	P24	Top	B246-Wy-	-4.75	1.01	3350	2680	-1.00	-0.32	1.19	87.92	110.11	40.75	SI
2 Piso	P24	Bottom	B246-Wy-	-11.78	1.01	3350	2680	-1.79	1.05	0.64	85.43	137.98	51.26	SI
2 Piso	P24	Top	B247-Ex+	3.04	1.01	3350	2680	-0.82	0.14	2.14	87.72	110.11	40.63	SI
2 Piso	P24	Bottom	B247-Ex+	8.83	1.01	3350	2680	4.80	3.20	0.57	87.45	142.95	52.47	SI
2 Piso	P24	Top	B247-Ex-	-3.87	1.01	3350	2680	-0.57	-0.82	0.34	96.25	140.56	57.75	SI
2 Piso	P24	Bottom	B247-Ex-	-12.89	1.01	3350	2680	-7.99	1.48	2.02	69.95	110.11	41.87	SI
2 Piso	P24	Top	B247-Ey+	-3.55	1.01	3350	2680	-0.64	-0.58	0.42	92.78	154.59	56.08	SI
2 Piso	P24	Bottom	B247-Ey+	-10.09	1.01	3350	2680	-1.37	0.88	0.75	80.06	129.23	48.04	SI
2 Piso	P24	Top	B247-Ey-	-4.36	1.01	3350	2680	-0.76	0.08	3.33	87.82	110.11	40.88	SI
2 Piso	P24	Bottom	B247-Ey-	-11.44	1.01	3350	2680	-1.72	1.04	0.67	86.19	138.47	51.71	SI
2 Piso	P24	Top	B242 G	-6.41	1.01	3350	2680	-1.30	0.39	0.83	75.68	123.10	45.61	SI
2 Piso	P24	Bottom	B242 G	-15.13	1.01	3350	2680	1.03	2.58	0.24	103.66	166.83	62.33	SI
2 Piso	P24	Top	B243-Wx- G	-8.87	1.01	3350	2680	-2.31	-0.66	1.30	88.95	110.11	41.37	SI
2 Piso	P24	Bottom	B243-Wx- G	-18.92	1.01	3350	2680	-3.14	1.98	0.58	89.20	141.49	53.52	SI
2 Piso	P24	Top	B243-Wy- G	-8.87	1.01	3350	2680	-2.31	-0.66	1.30	88.95	110.11	41.37	SI
2 Piso	P24	Bottom	B243-Wy- G	-18.92	1.01	3350	2680	-3.14	1.98	0.59	89.20	141.49	53.52	SI
2 Piso	P24	Top	B243-Wx+ G	-8.87	1.01	3350	2680	-2.31	0.66	1.30	88.95	110.11	41.37	SI
2 Piso	P24	Bottom	B243-Wx+ G	-18.92	1.01	3350	2680	-3.14	1.98	0.59	89.20	141.49	53.52	SI
2 Piso	P24	Top	B243-Wy+ G	-8.87	1.01	3350	2680	-2.31	-0.66	1.30	88.95	110.11	41.37	SI
2 Piso	P24	Bottom	B243-Wy+ G	-18.90	1.01	3350	2680	-3.14	1.98	0.58	89.20	141.49	53.52	SI
2 Piso	P24	Top	B244-Wx- G	-7.16	1.01	3350	2680	-1.62	0.14	4.37	88.52	110.11	41.11	SI
2 Piso	P24	Bottom	B244-Wx- G	-16.33	1.01	3350	2680	-0.11	2.32	0.02	104.18	166.83	62.51	SI
2 Piso	P24	Top	B244-Wx+ G	-7.16	1.01	3350	2680	-1.62	0.14	4.37	88.52	110.11	41.11	SI
2 Piso	P24	Bottom	B244-Wx+ G	-16.33	1.01	3350	2680	-0.11	2.32	0.02	104.18	166.83	62.51	SI
2 Piso	P24	Top	B244-Wy- G	-7.16	1.01	3350	2680	-1.62	0.14	4.37	88.52	110.11	41.11	SI
2 Piso	P24	Bottom	B244-Wy- G	-16.33	1.01	3350	2680	-0.11	2.32	0.02	104.18	166.83	62.51	SI
2 Piso	P24	Top	B244-Wy+ G	-7.16	1.01	3350	2680	-1.62	0.14	4.37	88.52	110.11	41.11	SI
2 Piso	P24	Bottom	B244-Wy+ G	-16.33	1.01	3350	2680	-0.11	2.32	0.02	104.18	166.83	62.51	SI
2 Piso	P25	Top	B241	-3.37	0.60	1990	1592	-2.71	2.87	0.67	51.49	81.87	30.88	SI
2 Piso	P25	Bottom	B241	-5.24	0.60	1990	1592	2.73	0.61	1.77	40.96	65.41	24.57	SI
2 Piso	P25	Top	B242 Loub	-3.77	0.60	1990	1592	-2.57	2.79	0.58	51.29	84.81	30.77	SI
2 Piso	P25	Bottom	B242 Loub	-4.98	0.60	1990	1592	1.90	0.78	1.52	40.72	65.41	24.44	SI
2 Piso	P25	Top	B243-Wx+ Loub	-4.11	0.60	1990	1592	3.35	3.32	0.63	50.14	82.17	30.09	SI
2 Piso	P25	Bottom	B243-Wx+ Loub	-5.30	0.60	1990	1592	1.50	0.64	1.47	40.97	65.41	24.58	SI
2 Piso	P25	Top	B243-Wx- Loub	-4.11	0.60	1990	1592	-3.35	3.32	0.63	50.14	82.17	30.09	SI
2 Piso	P25	Bottom	B243-Wx- Loub	-5.30	0.60	1990	1592	1.50	0.64	1.47	40.97	65.41	24.58	SI
2 Piso	P25	Top	B243-Wy+ Loub	-4.11	0.60	1990	1592	-3.35	3.32	0.63	50.14	82.17	30.09	SI
2 Piso	P25	Bottom	B243-Wy+ Loub	-5.30	0.60	1990	1592	1.50	0.64	1.47	40.97	65.41	24.58	SI
2 Piso	P25	Top	B243-Wy- Loub	-4.11	0.60	1990	1592	-3.35	3.32	0.63	50.14	82.17	30.09	SI
2 Piso	P25	Bottom	B243-Wy- Loub	-5.30	0.60	1990	1592	1.50	0.64	1.47	40.97	65.41	24.58	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amer (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vs max (ton)	ΦVn (ton)	Cumple
2 Piso	P25	Top	B244-Wx+ Loub	-3.81	0.60	1990	1592	-3.11	3.18	0.61	50.53	82.99	30.32	SI
2 Piso	P25	Bottom	B244-Wx+ Loub	-4.92	0.60	1990	1592	1.75	0.78	1.45	40.87	65.41	24.52	SI
2 Piso	P25	Top	B244-Wx- Loub	-3.81	0.60	1990	1592	-3.11	3.18	0.61	50.53	82.99	30.32	SI
2 Piso	P25	Bottom	B244-Wx- Loub	-4.92	0.60	1990	1592	1.75	0.78	1.45	40.87	65.41	24.52	SI
2 Piso	P25	Top	B244-Wy+ Loub	-3.81	0.60	1990	1592	-3.11	3.18	0.61	50.53	82.99	30.32	SI
2 Piso	P25	Bottom	B244-Wy+ Loub	-4.92	0.60	1990	1592	1.75	0.78	1.45	40.87	65.41	24.52	SI
2 Piso	P25	Top	B244-Wy- Loub	-3.81	0.60	1990	1592	-3.11	3.18	0.61	50.53	82.99	30.32	SI
2 Piso	P25	Bottom	B244-Wy- Loub	-4.92	0.60	1990	1592	1.75	0.78	1.45	40.87	65.41	24.52	SI
2 Piso	P25	Top	B245-Ex+	-2.78	0.60	1990	1592	-2.54	2.43	0.88	49.20	81.09	29.52	SI
2 Piso	P25	Bottom	B245-Ex+	-8.64	0.60	1990	1592	3.49	1.90	1.13	41.35	65.41	24.61	SI
2 Piso	P25	Top	B245-Ex-	-3.00	0.60	1990	1592	-2.72	2.74	0.49	53.83	88.84	32.18	SI
2 Piso	P25	Bottom	B245-Ex-	-1.78	0.60	1990	1592	0.95	-0.58	0.05	56.90	93.10	33.94	SI
2 Piso	P25	Top	B245-Ey+	-2.49	0.60	1990	1592	-2.35	3.24	0.46	54.29	90.23	32.57	SI
2 Piso	P25	Bottom	B245-Ey+	-3.10	0.60	1990	1592	1.89	1.14	1.04	40.42	65.41	24.25	SI
2 Piso	P25	Top	B245-Ey-	-3.39	0.60	1990	1592	-2.31	1.93	0.75	48.88	78.76	28.13	SI
2 Piso	P25	Bottom	B245-Ey-	-5.50	0.60	1990	1592	1.59	0.20	5.04	41.22	65.41	24.61	SI
2 Piso	P25	Top	B246-Wx+	-2.81	0.60	1990	1592	-2.28	2.32	0.62	50.19	82.83	30.12	SI
2 Piso	P25	Bottom	B246-Wx+	-3.79	0.60	1990	1592	1.72	0.45	1.55	40.59	65.41	24.35	SI
2 Piso	P25	Top	B246-Wx-	-2.81	0.60	1990	1592	-2.28	2.32	0.62	50.19	82.83	30.12	SI
2 Piso	P25	Bottom	B246-Wx-	-3.79	0.60	1990	1592	1.72	0.45	1.55	40.59	65.41	24.35	SI
2 Piso	P25	Top	B246-Wy+	-2.81	0.60	1990	1592	-2.28	2.32	0.62	50.19	82.83	30.12	SI
2 Piso	P25	Bottom	B246-Wy+	-3.79	0.60	1990	1592	1.72	0.45	1.55	40.59	65.41	24.35	SI
2 Piso	P25	Top	B246-Wy-	-2.81	0.60	1990	1592	-2.28	2.32	0.62	50.19	82.83	30.12	SI
2 Piso	P25	Bottom	B246-Wy-	-3.79	0.60	1990	1592	1.72	0.45	1.55	40.59	65.41	24.35	SI
2 Piso	P25	Top	B247-Ex+	2.05	0.60	1990	1592	-1.95	1.78	0.70	47.85	79.15	28.78	SI
2 Piso	P25	Bottom	B247-Ex+	-0.80	0.60	1990	1592	2.81	1.53	1.08	41.12	65.41	24.67	SI
2 Piso	P25	Top	B247-Ex-	-2.28	0.60	1990	1592	-1.63	2.05	0.47	53.96	89.24	32.38	SI
2 Piso	P25	Bottom	B247-Ex-	-0.83	0.60	1990	1592	-0.58	-0.84	0.43	54.42	91.20	32.65	SI
2 Piso	P25	Top	B247-Ey+	-1.78	0.60	1990	1592	-1.76	2.58	0.43	54.73	91.33	32.84	SI
2 Piso	P25	Bottom	B247-Ey+	-2.17	0.60	1990	1592	1.26	0.88	0.82	42.36	68.27	25.42	SI
2 Piso	P25	Top	B247-Ey-	-2.57	0.60	1990	1592	-1.72	1.26	0.89	43.85	71.71	26.31	SI
2 Piso	P25	Bottom	B247-Ey-	-4.57	0.60	1990	1592	0.97	-0.08	8.05	40.78	65.41	24.47	SI
2 Piso	P25	Top	B242 G	-3.70	0.60	1990	1592	-3.01	3.13	0.61	50.74	83.41	30.44	SI
2 Piso	P25	Bottom	B242 G	-4.73	0.60	1990	1592	1.90	0.83	1.44	40.82	65.41	24.49	SI
2 Piso	P25	Top	B243-Wx- G	5.78	0.60	1990	1592	-4.75	4.39	0.68	49.35	80.03	29.61	SI
2 Piso	P25	Bottom	B243-Wx- G	-6.42	0.60	1990	1592	1.52	0.80	1.20	41.24	65.41	24.75	SI
2 Piso	P25	Top	B243-Wy- G	-5.78	0.60	1990	1592	-4.75	4.39	0.68	49.35	80.03	29.61	SI
2 Piso	P25	Bottom	B243-Wy- G	-6.42	0.60	1990	1592	1.52	0.80	1.20	41.24	65.41	24.75	SI
2 Piso	P25	Top	B243-Wx+ G	-5.78	0.60	1990	1592	-4.75	4.39	0.68	49.35	80.03	29.61	SI
2 Piso	P25	Bottom	B243-Wx+ G	-6.42	0.60	1990	1592	1.52	0.80	1.20	41.24	65.41	24.75	SI
2 Piso	P25	Top	B243-Wy+ G	-5.78	0.60	1990	1592	-4.75	4.39	0.68	49.35	80.03	29.61	SI
2 Piso	P25	Bottom	B243-Wy+ G	-6.42	0.60	1990	1592	1.52	0.80	1.20	41.24	65.41	24.75	SI
2 Piso	P25	Top	B244-Wx+ G	-4.34	0.60	1990	1592	-3.55	3.51	0.63	50.15	82.08	30.09	SI
2 Piso	P25	Bottom	B244-Wx+ G	-5.27	0.60	1990	1592	1.79	0.80	1.37	40.96	65.41	24.57	SI
2 Piso	P25	Top	B244-Wx- G	-4.34	0.60	1990	1592	-3.55	3.51	0.63	50.15	82.08	30.09	SI
2 Piso	P25	Bottom	B244-Wx- G	-5.27	0.60	1990	1592	1.79	0.80	1.37	40.96	65.41	24.57	SI
2 Piso	P25	Top	B244-Wy+ G	-4.34	0.60	1990	1592	-3.55	3.51	0.63	50.15	82.08	30.09	SI
2 Piso	P25	Bottom	B244-Wy+ G	-5.27	0.60	1990	1592	1.79	0.80	1.37	40.96	65.41	24.57	SI
2 Piso	P25	Top	B244-Wy- G	-4.34	0.60	1990	1592	-3.55	3.51	0.63	50.15	82.08	30.09	SI
2 Piso	P25	Bottom	B244-Wy- G	-5.27	0.60	1990	1592	1.79	0.80	1.37	40.96	65.41	24.57	SI
2 Piso	P26	Top	B241	-3.10	0.55	1830	1464	1.98	-2.54	0.59	48.24	78.81	29.00	SI
2 Piso	P26	Bottom	B241	3.85	0.55	1830	1464	-1.98	0.77	1.77	37.42	60.15	22.45	SI
2 Piso	P26	Top	B242 Loub	-2.92	0.55	1830	1464	1.98	-2.35	0.55	47.99	78.17	28.76	SI
2 Piso	P26	Bottom	B242 Loub	3.05	0.55	1830	1464	-2.07	-0.80	1.48	37.21	60.15	22.33	SI
2 Piso	P26	Top	B243-Wx+ Loub	-3.64	0.55	1830	1464	2.36	-2.74	0.59	47.15	77.46	28.29	SI
2 Piso	P26	Bottom	B243-Wx+ Loub	-3.92	0.55	1830	1464	-1.70	-0.67	1.73	37.43	60.15	22.46	SI
2 Piso	P26	Top	B243-Wx- Loub	-3.64	0.55	1830	1464	2.36	-2.74	0.59	47.15	77.46	28.29	SI
2 Piso	P26	Bottom	B243-Wx- Loub	-3.92	0.55	1830	1464	1.70	-0.67	1.73	37.43	60.16	22.46	SI
2 Piso	P26	Top	B243-Wy+ Loub	3.64	0.55	1830	1464	2.36	2.74	0.60	47.15	77.40	28.29	SI
2 Piso	P26	Bottom	B243-Wy+ Loub	-3.92	0.55	1830	1464	-1.70	-0.67	1.73	37.43	60.15	22.46	SI
2 Piso	P26	Top	B243-Wy- Loub	-0.84	0.55	1830	1464	2.36	-2.74	0.58	47.16	77.48	28.29	SI
2 Piso	P26	Bottom	B243-Wy- Loub	-0.92	0.55	1830	1464	-1.70	-0.67	1.73	37.43	60.15	22.46	SI
2 Piso	P26	Top	B244-Wx+ Loub	-3.43	0.55	1830	1464	2.22	-2.63	0.58	47.37	77.95	28.42	SI
2 Piso	P26	Bottom	B244-Wx+ Loub	-3.52	0.55	1830	1464	-1.93	-0.85	1.55	37.33	60.15	22.40	SI
2 Piso	P26	Top	B244-Wx- Loub	-3.43	0.55	1830	1464	2.22	-2.63	0.58	47.37	77.95	28.42	SI
2 Piso	P26	Bottom	B244-Wx- Loub	-3.52	0.55	1830	1464	-1.93	-0.85	1.55	37.33	60.15	22.40	SI
2 Piso	P26	Top	B244-Wy+ Loub	-3.43	0.55	1830	1464	2.22	-2.63	0.58	47.37	77.95	28.42	SI
2 Piso	P26	Bottom	B244-Wy+ Loub	-3.52	0.55	1830	1464	-1.93	-0.85	1.55	37.33	60.15	22.40	SI
2 Piso	P26	Top	B244-Wy- Loub	-3.43	0.55	1830	1464	2.22	-2.63	0.58	47.37	77.95	28.42	SI
2 Piso	P26	Bottom	B244-Wy- Loub	-3.52	0.55	1830	1464	-1.93	-0.85	1.55	37.33	60.15	22.40	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P26	Top	B245-Ex+	-2.71	0.55	1830	1464	1.52	2.55	0.41	51.16	84.98	30.08	SI
2 Piso	P26	Bottom	B245-Ex+	-0.43	0.55	1830	1464	-0.97	-0.32	2.09	36.58	60.15	21.64	SI
2 Piso	P26	Top	B245-Ex-	-2.65	0.55	1830	1464	3.90	-1.05	0.70	44.22	72.72	26.53	SI
2 Piso	P26	Bottom	B245-Ex-	-5.87	0.55	1830	1464	-2.90	-1.37	1.45	37.87	60.15	22.72	SI
2 Piso	P26	Top	B245-Ey+	-2.15	0.55	1830	1464	1.70	-3.13	0.38	51.57	85.95	30.94	SI
2 Piso	P26	Bottom	B245-Ey+	-1.09	0.55	1830	1464	-1.83	-1.30	0.96	37.87	61.85	22.60	SI
2 Piso	P26	Top	B245-Ey-	-3.20	0.55	1830	1464	1.66	1.27	0.89	38.82	64.70	23.69	SI
2 Piso	P26	Bottom	B245-Ey-	-5.07	0.55	1830	1464	-2.04	-0.39	3.61	37.72	60.15	22.63	SI
2 Piso	P26	Top	B246-Wx+	-2.51	0.55	1830	1464	1.62	-1.93	0.57	47.20	78.05	28.32	SI
2 Piso	P26	Bottom	B246-Wx+	-2.80	0.55	1830	1464	-1.27	-0.50	1.74	37.15	60.15	22.29	SI
2 Piso	P26	Top	B246 Wx-	-2.51	0.55	1830	1464	1.02	-1.93	0.57	47.20	78.05	28.32	SI
2 Piso	P26	Bottom	B246-Wx-	2.80	0.55	1830	1464	-1.27	0.50	1.74	37.15	60.15	22.29	SI
2 Piso	P26	Top	B246-Wy+	2.51	0.55	1830	1464	1.62	-1.93	0.57	47.20	78.05	28.32	SI
2 Piso	P26	Bottom	B246-Wy+	-2.80	0.55	1830	1464	-1.27	-0.50	1.74	37.15	60.15	22.29	SI
2 Piso	P26	Top	B246 Wy-	-2.51	0.55	1830	1464	1.62	-1.93	0.57	47.20	78.05	28.32	SI
2 Piso	P26	Bottom	B246 Wy-	-2.80	0.55	1830	1464	-1.27	-0.50	1.74	37.15	60.15	22.29	SI
2 Piso	P26	Top	B247-Ex+	-2.02	0.55	1830	1464	1.00	-1.98	0.37	51.83	88.45	31.10	SI
2 Piso	P26	Bottom	B247-Ex+	0.14	0.55	1830	1464	-0.31	0.03	6.08	36.40	60.15	21.87	SI
2 Piso	P26	Top	B247-Ex-	-1.96	0.55	1830	1464	1.48	-1.29	0.77	42.29	69.60	25.37	SI
2 Piso	P26	Bottom	B247-Ex-	-5.10	0.55	1830	1464	-2.25	-1.02	1.50	37.79	60.15	22.64	SI
2 Piso	P26	Top	B247-Ey+	-1.46	0.55	1830	1464	1.32	-2.58	0.35	52.17	87.31	31.30	SI
2 Piso	P26	Bottom	B247-Ey+	-0.48	0.55	1830	1464	-1.17	-0.05	0.61	40.39	66.91	24.23	SI
2 Piso	P26	Top	B247-Ey-	2.52	0.55	1830	1464	1.22	-0.70	1.16	37.06	60.15	22.25	SI
2 Piso	P26	Bottom	B247-Ey-	-4.50	0.55	1830	1464	-1.39	0.04	25.88	37.58	60.15	22.55	SI
2 Piso	P26	Top	B242 G	3.35	0.55	1830	1464	2.16	-2.59	0.57	47.47	78.17	28.48	SI
2 Piso	P26	Bottom	B242 G	-0.30	0.55	1830	1464	-2.07	-0.96	1.47	37.28	60.15	22.37	SI
2 Piso	P26	Top	B243 Wx- G	-5.00	0.55	1830	1464	3.27	-3.52	0.63	46.37	75.47	27.82	SI
2 Piso	P26	Bottom	B243-Wx- G	-4.77	0.55	1830	1464	-1.69	-0.60	1.68	37.65	60.15	22.59	SI
2 Piso	P26	Top	B243-Wy+ G	5.00	0.55	1830	1464	3.27	3.52	0.63	46.37	75.47	27.82	SI
2 Piso	P26	Bottom	B243-Wy+ G	4.77	0.55	1830	1464	-1.69	-0.09	1.68	37.65	60.15	22.59	SI
2 Piso	P26	Top	B243-Wx+ G	-5.00	0.55	1830	1464	3.27	-3.52	0.63	46.37	75.47	27.82	SI
2 Piso	P26	Bottom	B243-Wx+ G	-4.77	0.55	1830	1464	-1.69	-0.60	1.68	37.65	60.15	22.59	SI
2 Piso	P26	Top	B243-Wy- G	-5.00	0.55	1830	1464	3.27	-3.52	0.63	46.37	75.47	27.82	SI
2 Piso	P26	Bottom	B243-Wy- G	-4.77	0.55	1830	1464	-1.69	0.68	1.68	37.65	60.15	22.59	SI
2 Piso	P26	Top	B244-Wx- G	-3.85	0.55	1830	1464	2.50	-2.67	0.59	47.03	77.15	28.22	SI
2 Piso	P26	Bottom	B244-Wx- G	-3.78	0.55	1830	1464	-1.93	-0.86	1.54	37.40	60.15	22.44	SI
2 Piso	P26	Top	B244-Wx+ G	-3.85	0.55	1830	1464	2.50	-2.67	0.59	47.03	77.15	28.22	SI
2 Piso	P26	Bottom	B244-Wx+ G	-3.78	0.55	1830	1464	-1.93	-0.86	1.54	37.40	60.15	22.44	SI
2 Piso	P26	Top	B244-Wy- G	-3.85	0.55	1830	1464	2.50	-2.67	0.59	47.03	77.15	28.22	SI
2 Piso	P26	Bottom	B244-Wy- G	-3.78	0.55	1830	1464	-1.93	-0.86	1.54	37.40	60.15	22.44	SI
2 Piso	P26	Top	B244-Wy+ G	-3.85	0.55	1830	1464	2.50	-2.67	0.59	47.03	77.15	28.22	SI
2 Piso	P26	Bottom	B244-Wy+ G	-3.78	0.55	1830	1464	-1.93	-0.86	1.54	37.40	60.15	22.44	SI
2 Piso	P27	Top	B241	-7.60	1.05	3510	2808	2.82	0.57	1.64	71.82	115.37	43.09	SI
2 Piso	P27	Bottom	B241	-17.47	1.05	3510	2808	5.17	-0.75	2.44	74.29	115.37	44.57	SI
2 Piso	P27	Top	B242 Loub	-7.15	1.05	3510	2808	2.42	-0.51	1.70	71.70	115.37	43.02	SI
2 Piso	P27	Bottom	B242 Loub	14.08	1.05	3510	2808	0.44	-1.89	0.08	105.62	174.80	65.17	SI
2 Piso	P27	Top	B243-Wx+ Loub	-8.38	1.05	3510	2808	2.96	0.58	1.81	72.01	115.37	43.21	SI
2 Piso	P27	Bottom	B243-Wx+ Loub	-17.00	1.05	3510	2808	4.86	-0.89	1.78	74.19	115.37	44.51	SI
2 Piso	P27	Top	B243-Wx- Loub	-8.38	1.05	3510	2808	2.86	0.58	1.81	72.01	115.37	43.21	SI
2 Piso	P27	Bottom	B243-Wx- Loub	-17.00	1.05	3510	2808	4.86	-0.99	1.78	74.19	115.37	44.51	SI
2 Piso	P27	Top	B243-Wy+ Loub	-8.38	1.05	3510	2808	2.96	0.58	1.81	72.01	115.37	43.21	SI
2 Piso	P27	Bottom	B243-Wy+ Loub	-17.08	1.05	3510	2808	4.96	-0.89	1.78	74.19	115.37	44.51	SI
2 Piso	P27	Top	B243-Wy- Loub	-8.38	1.05	3510	2808	2.96	0.58	1.81	72.01	115.37	43.21	SI
2 Piso	P27	Bottom	B243-Wy- Loub	-17.08	1.05	3510	2808	4.96	-0.89	1.78	74.19	115.37	44.51	SI
2 Piso	P27	Top	B244-Wx+ Loub	-8.05	1.05	3510	2808	2.79	-0.08	13.48	71.93	115.37	43.16	SI
2 Piso	P27	Bottom	B244-Wx+ Loub	-18.25	1.05	3510	2808	2.26	-1.69	0.48	97.74	157.39	58.64	SI
2 Piso	P27	Top	B244-Wx- Loub	-8.05	1.05	3510	2808	2.79	0.08	13.18	71.93	115.37	43.16	SI
2 Piso	P27	Bottom	B244-Wx- Loub	-18.25	1.05	3510	2808	2.26	-1.69	0.48	97.74	157.39	58.64	SI
2 Piso	P27	Top	B244-Wy+ Loub	-8.05	1.05	3510	2808	2.79	-0.08	13.18	71.93	115.37	43.16	SI
2 Piso	P27	Bottom	B244-Wy+ Loub	-18.25	1.05	3510	2808	2.26	-1.69	0.48	97.74	157.39	58.64	SI
2 Piso	P27	Top	B244-Wy- Loub	-8.05	1.05	3510	2808	2.79	-0.08	13.18	71.93	115.37	43.16	SI
2 Piso	P27	Bottom	B244-Wy- Loub	-18.25	1.05	3510	2808	2.26	-1.69	0.48	97.74	157.39	58.64	SI
2 Piso	P27	Top	B245-Ex+	-5.81	1.05	3510	2808	2.20	-1.69	0.48	97.74	157.39	58.64	SI
2 Piso	P27	Bottom	B245-Ex+	-18.84	1.05	3510	2808	2.07	0.51	1.87	71.57	115.37	42.94	SI
2 Piso	P27	Top	B245-Ex-	-8.68	1.05	3510	2808	8.50	1.02	2.98	78.15	115.37	44.48	SI
2 Piso	P27	Bottom	B245-Ex-	-12.49	1.05	3510	2808	2.14	-0.60	0.96	74.00	119.63	44.40	SI
2 Piso	P27	Top	B245-Ey+	-5.99	1.05	3510	2808	4.78	-3.88	0.44	98.52	160.45	58.71	SI
2 Piso	P27	Bottom	B245-Ey+	-13.74	1.05	3510	2808	2.07	0.30	2.46	71.42	115.37	42.85	SI
2 Piso	P27	Top	B245-Ey-	-7.29	1.05	3510	2808	1.81	-1.17	0.55	93.91	151.74	56.35	SI
2 Piso	P27	Bottom	B245-Ey-	15.59	1.05	3510	2808	3.92	-1.68	0.41	100.77	163.08	60.48	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P27	Top	B245-Wx+	-5.97	1.05	3510	2808	2.06	0.42	1.76	71.39	115.37	42.93	SI
2 Piso	P27	Bottom	B245-Wx+	-12.34	1.05	3510	2808	3.60	-0.87	1.92	73.00	115.37	43.80	SI
2 Piso	P27	Top	B245-Wx-	-5.87	1.05	3510	2808	2.06	0.42	1.76	71.39	115.37	42.83	SI
2 Piso	P27	Bottom	B245 Wx	12.34	1.05	3510	2808	3.60	-0.87	1.92	73.00	115.37	43.80	SI
2 Piso	P27	Top	B245-Wy+	-5.87	1.05	3510	2808	2.06	0.42	1.76	71.39	115.37	42.83	SI
2 Piso	P27	Bottom	B245-Wy+	12.34	1.05	3510	2808	3.60	-0.87	1.92	73.00	115.37	43.80	SI
2 Piso	P27	Top	B245-Wy-	5.87	1.05	3510	2808	2.06	0.42	1.76	71.39	115.37	42.83	SI
2 Piso	P27	Bottom	B245-Wy-	-12.34	1.05	3510	2808	3.60	-0.87	1.92	73.00	115.37	43.80	SI
2 Piso	P27	Top	B247 Ex+	-4.88	1.05	3510	2808	1.81	1.02	0.63	87.93	145.08	52.76	SI
2 Piso	P27	Bottom	B247 Ex+	-19.41	1.05	3510	2808	9.97	1.86	1.81	73.27	115.37	43.96	SI
2 Piso	P27	Top	B247-Ex-	-4.92	1.05	3510	2808	1.57	-1.20	1.60	71.15	115.37	42.68	SI
2 Piso	P27	Bottom	B247-Ex-	-9.06	1.05	3510	2808	-3.32	-2.93	0.40	98.31	163.38	58.58	SI
2 Piso	P27	Top	B247-Ey+	-4.24	1.05	3510	2808	1.56	0.81	0.88	86.58	142.08	51.85	SI
2 Piso	P27	Bottom	B247-Ey+	-10.31	1.05	3510	2808	3.27	-0.23	5.02	72.49	115.37	43.50	SI
2 Piso	P27	Top	B247-Ey-	-5.54	1.05	3510	2808	1.88	-0.08	8.09	71.30	115.37	42.78	SI
2 Piso	P27	Bottom	B247 Ey-	-12.18	1.05	3510	2808	3.58	-0.74	1.63	72.96	115.37	43.77	SI
2 Piso	P27	Top	B242 G	7.94	1.05	3510	2808	2.72	-0.47	2.09	72.80	115.37	43.14	SI
2 Piso	P27	Bottom	B242 G	-15.86	1.05	3510	2808	0.67	-2.12	0.11	100.84	174.80	65.31	SI
2 Piso	P27	Top	B243-Wx- G	-10.84	1.05	3510	2808	3.63	0.72	1.98	72.65	115.37	43.59	SI
2 Piso	P27	Bottom	B243-Wx- G	-18.96	1.05	3510	2808	5.69	-1.47	1.38	74.91	115.37	44.94	SI
2 Piso	P27	Top	B243-Wy- G	-10.94	1.05	3510	2808	3.90	0.72	1.96	72.65	115.37	43.59	SI
2 Piso	P27	Bottom	B243-Wy- G	-19.05	1.05	3510	2808	5.69	-1.47	1.38	74.91	115.37	44.94	SI
2 Piso	P27	Top	B243-Wx+ G	10.64	1.05	3510	2808	3.93	0.72	1.96	72.65	115.37	43.59	SI
2 Piso	P27	Bottom	B243-Wx+ G	-15.86	1.05	3510	2808	5.88	-1.47	1.38	74.91	115.37	44.94	SI
2 Piso	P27	Top	B243-Wy+ G	-10.94	1.05	3510	2808	3.80	0.72	1.96	72.65	115.37	43.59	SI
2 Piso	P27	Bottom	B243-Wy+ G	-19.05	1.05	3510	2808	5.69	-1.47	1.38	74.91	115.37	44.94	SI
2 Piso	P27	Top	B244-Wx- G	-8.85	1.05	3510	2808	3.09	-0.03	32.31	72.13	115.37	43.28	SI
2 Piso	P27	Bottom	B244-Wx- G	-17.15	1.05	3510	2808	2.49	-1.84	0.48	97.71	156.95	58.63	SI
2 Piso	P27	Top	B244-Wx+ G	-8.85	1.05	3510	2808	3.09	-0.03	32.31	72.13	115.37	43.28	SI
2 Piso	P27	Bottom	B244-Wx+ G	-17.15	1.05	3510	2808	2.49	-1.84	0.48	97.71	156.95	58.63	SI
2 Piso	P27	Top	B244-Wy- G	-8.85	1.05	3510	2808	3.09	-0.03	32.31	72.13	115.37	43.28	SI
2 Piso	P27	Bottom	B244 Wy- G	-17.15	1.05	3510	2808	2.49	-1.84	0.48	97.71	156.95	58.63	SI
2 Piso	P27	Top	B244-Wy+ G	-8.85	1.05	3510	2808	3.09	-0.03	32.31	72.13	115.37	43.28	SI
2 Piso	P27	Bottom	B244-Wy+ G	-17.15	1.05	3510	2808	2.49	-1.84	0.48	97.71	156.95	58.63	SI
2 Piso	P28	Top	B241	-2.02	0.45	1490	1192	0.34	0.47	0.61	37.69	62.26	22.62	SI
2 Piso	P28	Bottom	B241	-8.31	0.45	1490	1192	2.39	1.89	1.06	51.61	49.97	18.64	SI
2 Piso	P28	Top	B242 Loub	-1.88	0.45	1490	1192	0.35	0.11	2.67	30.15	49.97	18.08	SI
2 Piso	P28	Bottom	B242 Loub	-5.35	0.45	1490	1192	4.24	1.42	2.51	31.02	49.97	18.61	SI
2 Piso	P28	Top	B243 Wx+ Loub	-2.22	0.45	1490	1192	0.51	-0.66	0.63	37.44	61.71	22.46	SI
2 Piso	P28	Bottom	B243-Wx+ Loub	-6.77	0.45	1490	1192	2.16	1.99	0.91	33.15	52.11	19.89	SI
2 Piso	P28	Top	B243-Wx- Loub	-2.22	0.45	1490	1192	0.51	-0.66	0.63	37.44	61.71	22.46	SI
2 Piso	P28	Bottom	B243-Wx- Loub	-6.77	0.45	1490	1192	2.16	1.99	0.91	33.15	52.11	19.89	SI
2 Piso	P28	Top	B243 Wy+ Loub	-2.22	0.45	1490	1192	0.51	-0.66	0.63	37.44	61.71	22.46	SI
2 Piso	P28	Bottom	B243 Wy+ Loub	-6.77	0.45	1490	1192	2.16	1.99	0.91	33.15	52.11	19.89	SI
2 Piso	P28	Top	B243-Wy- Loub	-2.22	0.45	1490	1192	0.51	-0.66	0.63	37.44	61.71	22.46	SI
2 Piso	P28	Bottom	B243-Wy- Loub	-6.77	0.45	1490	1192	2.16	1.99	0.91	33.15	52.11	19.89	SI
2 Piso	P28	Top	B244-Wx+ Loub	-2.12	0.45	1490	1192	0.45	-0.25	1.52	30.21	48.97	18.13	SI
2 Piso	P28	Bottom	B244-Wx+ Loub	-8.09	0.45	1490	1192	3.48	1.72	1.70	31.20	48.97	18.72	SI
2 Piso	P28	Top	B244-Wx- Loub	-2.12	0.45	1490	1192	0.46	-0.25	1.52	30.21	48.97	18.13	SI
2 Piso	P28	Bottom	B244 Wx- Loub	-8.09	0.45	1490	1192	3.48	1.72	1.70	31.20	48.97	18.72	SI
2 Piso	P28	Top	B244-Wy- Loub	-2.12	0.45	1490	1192	0.46	-0.25	1.52	30.21	48.97	18.13	SI
2 Piso	P28	Bottom	B244-Wy+ Loub	-8.09	0.45	1490	1192	3.48	1.72	1.70	31.20	48.97	18.72	SI
2 Piso	P28	Top	B244-Wy+ Loub	-2.12	0.45	1490	1192	0.46	-0.25	1.52	30.21	48.97	18.13	SI
2 Piso	P28	Bottom	B244-Wy- Loub	-8.09	0.45	1490	1192	3.48	1.72	1.70	31.20	48.97	18.72	SI
2 Piso	P28	Top	B245 Ex+	-1.69	0.45	1490	1192	0.30	-0.52	0.49	39.58	88.39	23.99	SI
2 Piso	P28	Bottom	B245-Ex+	-5.49	0.45	1490	1192	5.26	3.09	1.43	31.05	48.97	18.60	SI
2 Piso	P28	Top	B245-Ex-	-1.67	0.45	1490	1192	0.29	0.43	0.55	38.70	84.19	29.22	SI
2 Piso	P28	Bottom	B245-Ex-	-5.40	0.45	1490	1192	1.54	0.20	8.26	31.03	48.97	18.62	SI
2 Piso	P28	Top	B245 Ey+	-1.39	0.45	1490	1192	0.13	-0.33	4.22	30.03	48.97	18.02	SI
2 Piso	P28	Bottom	B245-Ey+	-5.81	0.45	1490	1192	3.23	1.72	1.57	30.58	48.97	18.35	SI
2 Piso	P28	Top	B245-Ey-	-2.12	0.45	1490	1192	0.46	-0.06	6.49	30.21	48.97	18.13	SI
2 Piso	P28	Bottom	B245-Ey-	-7.27	0.45	1490	1192	3.57	1.16	2.58	31.50	48.97	18.90	SI
2 Piso	P28	Top	B246-Wx+	-1.58	0.45	1490	1192	0.33	-0.45	0.82	37.33	61.82	22.40	SI
2 Piso	P28	Bottom	B246-Wx+	-4.89	0.45	1490	1192	1.59	1.41	0.95	31.93	50.79	19.16	SI
2 Piso	P28	Top	B246-Wx-	-1.56	0.45	1490	1192	0.33	-0.45	0.62	37.33	61.82	22.40	SI
2 Piso	P28	Bottom	B246-Wx-	-4.89	0.45	1490	1192	1.59	1.41	0.95	31.93	50.79	19.16	SI
2 Piso	P28	Top	B246-Wy+	-1.56	0.45	1490	1192	0.33	-0.45	0.62	37.33	61.82	22.40	SI
2 Piso	P28	Bottom	B246-Wy+	-4.89	0.45	1490	1192	1.59	1.41	0.95	31.93	50.79	19.16	SI
2 Piso	P28	Top	B246-Wy-	-1.56	0.45	1490	1192	0.33	-0.45	0.62	37.33	61.82	22.40	SI
2 Piso	P28	Bottom	B246-Wy-	-4.89	0.45	1490	1192	1.59	1.41	0.95	31.93	50.76	19.16	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P28	Top	B247-Ex+	-1.38	0.45	1490	1192	-0.23	-0.78	0.25	44.86	74.20	26.92	SI
2 Piso	P28	Bottom	B247-Ex+	-8.48	0.45	1490	1192	3.40	2.86	1.00	30.88	49.10	18.53	SI
2 Piso	P28	Top	B247 Ex-	-1.22	0.45	1490	1192	0.21	0.18	1.01	28.99	48.97	17.99	SI
2 Piso	P28	Bottom	B247 Ex-	-4.39	0.45	1490	1192	-0.33	0.43	0.64	37.74	61.28	22.64	SI
2 Piso	P28	Top	B247-Ey+	-0.93	0.45	1490	1192	0.05	-0.20	0.16	44.75	74.20	26.85	SI
2 Piso	P28	Bottom	B247-Ey+	-2.61	0.45	1490	1192	1.37	1.50	0.70	34.90	57.05	20.94	SI
2 Piso	P28	Top	B247-Ey-	-1.87	0.45	1490	1192	0.38	-0.32	1.02	30.10	48.97	18.06	SI
2 Piso	P28	Bottom	B247-Ey-	-6.27	0.45	1490	1192	1.71	0.84	1.59	30.25	48.97	18.15	SI
2 Piso	P28	Top	B242 G	-2.06	0.45	1490	1192	0.44	-0.01	34.40	30.20	48.97	18.12	SI
2 Piso	P28	Bottom	B242 G	-5.72	0.45	1490	1192	4.29	1.50	2.28	31.11	48.97	18.67	SI
2 Piso	P28	Top	B243-Wx- G	-2.59	0.45	1490	1192	0.81	-1.08	0.64	37.44	61.43	22.47	SI
2 Piso	P28	Bottom	B243-Wx- G	-7.94	0.45	1490	1192	2.31	2.50	0.77	36.03	58.69	21.62	SI
2 Piso	P28	Top	B243-Wy- G	2.88	0.45	1490	1192	0.81	-1.06	0.64	37.44	61.43	22.47	SI
2 Piso	P28	Bottom	B243-Wy- G	-7.94	0.45	1490	1192	2.31	2.50	0.77	36.03	58.69	21.62	SI
2 Piso	P28	Top	B243-Wx+ G	-2.59	0.45	1490	1192	0.81	-1.08	0.64	37.44	61.43	22.47	SI
2 Piso	P28	Bottom	B243-Wx+ G	-7.94	0.45	1490	1192	2.31	2.50	0.77	36.03	58.69	21.62	SI
2 Piso	P28	Top	B243-Wy+ G	-2.59	0.45	1490	1192	0.81	-1.08	0.64	37.44	61.43	22.47	SI
2 Piso	P28	Bottom	B243-Wy+ G	7.94	0.45	1490	1192	2.31	2.50	0.77	36.03	58.69	21.62	SI
2 Piso	P28	Top	B244-Wx- G	2.33	0.45	1490	1192	0.55	-0.37	1.24	30.26	48.97	18.16	SI
2 Piso	P28	Bottom	B244-Wx- G	-6.45	0.45	1490	1192	3.53	1.65	1.57	31.29	48.97	18.78	SI
2 Piso	P28	Top	B244-Wx+ G	-2.33	0.45	1490	1192	0.55	-0.37	1.24	30.26	48.97	18.16	SI
2 Piso	P28	Bottom	B244-Wx+ G	-6.45	0.45	1490	1192	3.53	1.65	1.57	31.29	48.97	18.78	SI
2 Piso	P28	Top	B244-Wy- G	-2.33	0.45	1490	1192	0.55	-0.37	1.24	30.26	48.97	18.16	SI
2 Piso	P28	Bottom	B244-Wy- G	-6.45	0.45	1490	1192	3.53	1.65	1.57	31.29	48.97	18.78	SI
2 Piso	P28	Top	B244-Wy+ G	-2.33	0.45	1490	1192	0.55	-0.37	1.24	30.26	48.97	18.16	SI
2 Piso	P28	Bottom	B244-Wy+ G	-6.45	0.45	1490	1192	3.53	1.65	1.57	31.29	48.97	18.78	SI
2 Piso	P29	Top	B241	-14.96	1.44	3990	3192	-5.54	4.75	0.37	138.35	226.77	83.01	SI
2 Piso	P29	Bottom	B241	-30.72	1.44	3990	3192	2.38	0.89	0.84	132.98	175.11	67.77	SI
2 Piso	P29	Top	B242 Loub	-14.10	1.44	3990	3192	-6.96	7.21	0.21	146.59	238.44	87.99	SI
2 Piso	P29	Bottom	B242 Loub	-30.89	1.44	3990	3192	5.07	-1.22	1.39	103.05	157.37	61.83	SI
2 Piso	P29	Top	B243-Wx+ Loub	-17.55	1.44	3990	3192	-8.08	8.88	0.41	136.50	222.37	81.90	SI
2 Piso	P29	Bottom	B243-Wx+ Loub	-30.79	1.44	3990	3192	1.83	1.69	0.34	144.01	229.81	86.41	SI
2 Piso	P29	Top	B243-Wx- Loub	-17.55	1.44	3990	3192	6.08	4.68	0.41	136.50	222.37	81.90	SI
2 Piso	P29	Bottom	B243-Wx- Loub	-30.79	1.44	3990	3192	1.83	1.69	0.34	144.01	229.81	86.41	SI
2 Piso	P29	Top	B243-Wy+ Loub	-17.55	1.44	3990	3192	-8.08	8.88	0.41	136.50	222.37	81.90	SI
2 Piso	P29	Bottom	B243-Wy+ Loub	-30.79	1.44	3990	3192	1.83	1.69	0.34	144.01	229.81	86.41	SI
2 Piso	P29	Top	B243-Wy- Loub	-17.55	1.44	3990	3192	-8.08	8.88	0.41	136.50	222.37	81.90	SI
2 Piso	P29	Bottom	B243-Wy- Loub	-30.79	1.44	3990	3192	1.83	1.69	0.34	144.01	229.81	86.41	SI
2 Piso	P29	Top	B244-Wx+ Loub	-18.51	1.44	3990	3192	5.62	8.41	0.27	144.45	230.90	86.67	SI
2 Piso	P29	Bottom	B244-Wx+ Loub	-31.89	1.44	3990	3192	3.80	0.09	13.43	103.35	157.37	62.01	SI
2 Piso	P29	Top	B244-Wx- Loub	-18.51	1.44	3990	3192	-5.62	8.41	0.27	144.45	230.90	86.67	SI
2 Piso	P29	Bottom	B244-Wx- Loub	-31.89	1.44	3990	3192	3.80	0.09	13.43	103.35	157.37	62.01	SI
2 Piso	P29	Top	B244-Wy+ Loub	-18.51	1.44	3990	3192	-5.62	8.41	0.27	144.45	230.90	86.67	SI
2 Piso	P29	Bottom	B244-Wy+ Loub	-31.89	1.44	3990	3192	3.80	0.09	13.43	103.35	157.37	62.01	SI
2 Piso	P29	Top	B244-Wy- Loub	-18.51	1.44	3990	3192	-5.62	8.41	0.27	144.45	230.90	86.67	SI
2 Piso	P29	Bottom	B244-Wy- Loub	-31.89	1.44	3990	3192	3.80	0.09	13.43	103.35	157.37	62.01	SI
2 Piso	P29	Top	B245-Ex+	-14.06	1.44	3990	3192	-9.62	10.08	0.19	145.58	238.44	87.86	SI
2 Piso	P29	Bottom	B245-Ex+	-30.88	1.44	3990	3192	30.70	14.11	0.67	128.87	183.72	74.20	SI
2 Piso	P29	Top	B245-Ex-	-11.86	1.44	3990	3192	0.50	-4.21	0.04	148.02	238.44	87.61	SI
2 Piso	P29	Bottom	B245-Ex-	-25.61	1.44	3990	3192	-22.18	-15.33	0.45	135.82	217.34	81.37	SI
2 Piso	P29	Top	B245-Ey+	-13.05	1.44	3990	3192	-4.57	6.15	0.23	146.32	238.44	87.78	SI
2 Piso	P29	Bottom	B245-Ey+	-27.70	1.44	3990	3192	6.38	-1.50	1.39	102.90	157.37	61.98	SI
2 Piso	P29	Top	B245-Ey-	-12.86	1.44	3990	3192	-4.86	5.72	0.28	144.77	238.07	86.66	SI
2 Piso	P29	Bottom	B245-Ey-	-28.69	1.44	3990	3192	1.56	0.28	1.73	102.55	157.37	61.53	SI
2 Piso	P28	Top	B246-Wx+	-12.11	1.44	3990	3192	4.26	3.37	0.40	135.81	223.56	81.49	SI
2 Piso	P28	Bottom	B246-Wx+	-22.00	1.44	3990	3192	1.42	1.06	0.42	136.84	220.99	82.10	SI
2 Piso	P29	Top	B246-Wx-	-12.11	1.44	3990	3192	-4.26	3.37	0.40	135.81	223.56	81.49	SI
2 Piso	P29	Bottom	B246-Wx-	-22.00	1.44	3990	3192	1.42	1.06	0.42	136.84	220.99	82.10	SI
2 Piso	P28	Top	B246-Wy+	-12.11	1.44	3990	3192	4.26	3.37	0.40	135.81	223.56	81.49	SI
2 Piso	P28	Bottom	B246-Wy+	-22.00	1.44	3990	3192	1.42	1.06	0.42	136.84	220.99	82.10	SI
2 Piso	P29	Top	B246-Wy-	-12.11	1.44	3990	3192	-4.26	3.37	0.40	135.81	223.56	81.49	SI
2 Piso	P29	Bottom	B246-Wy-	-22.00	1.44	3990	3192	1.42	1.06	0.42	136.84	220.99	82.10	SI
2 Piso	P29	Top	B247-Ex+	-10.74	1.44	3990	3192	-8.77	13.18	0.21	145.76	238.44	87.45	SI
2 Piso	P29	Bottom	B247-Ex+	-22.22	1.44	3990	3192	27.67	15.28	0.57	127.77	204.86	76.66	SI
2 Piso	P29	Top	B247-Ex-	-0.52	1.44	3990	3192	1.65	-7.71	0.07	145.19	238.44	87.12	SI
2 Piso	P29	Bottom	B247-Ex-	-16.64	1.44	3990	3192	-24.61	-14.15	0.65	127.74	207.27	76.64	SI
2 Piso	P28	Top	B247-Ey+	-9.72	1.44	3990	3192	-3.52	3.25	0.34	138.78	229.66	83.27	SI
2 Piso	P28	Bottom	B247-Ey+	-18.93	1.44	3990	3192	3.86	-0.32	3.67	100.11	157.37	60.07	SI
2 Piso	P29	Top	B247-Ey-	8.58	1.44	3990	3192	-3.61	2.83	0.40	134.87	223.21	80.98	SI
2 Piso	P29	Bottom	B247-Ey-	-18.82	1.44	3990	3192	-0.69	1.46	0.13	148.04	238.44	88.88	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ØVn (ton)	Cumple
2 Piso	P29	Top	B242 G	-16.11	1.44	3990	3192	-5.41	7.47	0.23	147.09	236.44	88.28	SI
2 Piso	P29	Bottom	B242 G	-32.78	1.44	3990	3192	4.95	-0.83	1.88	103.67	157.37	62.14	SI
2 Piso	P29	Top	B243-Wx- G	-23.99	1.44	3990	3192	-7.90	5.53	0.45	135.62	217.96	81.37	SI
2 Piso	P29	Bottom	B243-Wx- G	-37.47	1.44	3990	3192	1.54	2.85	0.18	152.43	238.44	91.46	SI
2 Piso	P29	Top	B243-Wy- G	-23.99	1.44	3990	3192	-7.90	5.53	0.45	135.62	217.96	81.37	SI
2 Piso	P29	Bottom	B243-Wy- G	-37.47	1.44	3990	3192	1.54	2.85	0.18	152.43	238.44	91.46	SI
2 Piso	P29	Top	B243-Wx+ G	-23.99	1.44	3990	3192	-7.90	5.53	0.45	135.62	217.96	81.37	SI
2 Piso	P29	Bottom	B243-Wx+ G	-37.47	1.44	3990	3192	1.54	2.85	0.18	152.43	238.44	91.46	SI
2 Piso	P29	Top	B243-Wy+ G	-23.99	1.44	3990	3192	-7.90	5.53	0.45	135.62	217.96	81.37	SI
2 Piso	P29	Bottom	B243-Wy+ G	-37.47	1.44	3990	3192	1.54	2.85	0.18	152.43	238.44	91.46	SI
2 Piso	P29	Top	B244-Wx- G	-18.53	1.44	3990	3192	-6.18	6.67	0.29	143.98	235.17	86.39	SI
2 Piso	P29	Bottom	B244-Wx- G	-33.98	1.44	3990	3192	3.71	0.48	2.40	103.87	157.37	62.32	SI
2 Piso	P29	Top	B244-Wx+ G	-18.53	1.44	3990	3192	-6.18	6.67	0.29	143.98	235.17	86.39	SI
2 Piso	P29	Bottom	B244-Wx+ G	-33.98	1.44	3990	3192	3.71	0.48	2.40	103.87	157.37	62.32	SI
2 Piso	P29	Top	B244-Wy- G	-18.53	1.44	3990	3192	-6.19	6.67	0.29	143.98	235.17	86.39	SI
2 Piso	P29	Bottom	B244-Wy- G	-33.98	1.44	3990	3192	3.71	0.48	2.40	103.87	157.37	62.32	SI
2 Piso	P29	Top	B244-Wy+ G	-18.53	1.44	3990	3192	-6.18	6.67	0.29	143.98	235.17	86.39	SI
2 Piso	P29	Bottom	B244-Wy+ G	-33.98	1.44	3990	3192	3.71	0.48	2.40	103.87	157.37	62.32	SI
2 Piso	P29A	Top	B242	-2.24	0.23	640	512	1.23	-1.01	2.37	15.86	25.24	9.52	SI
2 Piso	P29A	Bottom	B242	-3.86	0.23	640	512	-0.81	-0.30	3.95	18.26	25.24	8.78	SI
2 Piso	P29A	Top	B242 Loub	-2.00	0.23	640	512	1.12	-0.71	3.10	15.80	25.24	8.48	SI
2 Piso	P29A	Bottom	B242 Loub	-3.62	0.23	640	512	-1.03	-0.28	7.11	18.13	25.24	9.09	SI
2 Piso	P29A	Top	B243-Wx+ Loub	-2.70	0.23	640	512	1.52	1.39	2.13	15.97	25.24	8.59	SI
2 Piso	P29A	Bottom	B243-Wx+ Loub	-3.78	0.23	640	512	-0.54	0.28	3.74	18.24	25.24	8.75	SI
2 Piso	P29A	Top	B243-Wx- Loub	-2.70	0.23	640	512	1.52	-1.39	2.13	15.97	25.24	8.58	SI
2 Piso	P29A	Bottom	B243-Wx- Loub	-3.78	0.23	640	512	-0.54	-0.28	3.74	18.24	25.24	8.75	SI
2 Piso	P29A	Top	B243-Wy+ Loub	-2.70	0.23	640	512	1.52	-1.39	2.13	15.97	25.24	8.58	SI
2 Piso	P29A	Bottom	B243-Wy+ Loub	-3.78	0.23	640	512	-0.54	-0.28	3.74	18.24	25.24	8.75	SI
2 Piso	P29A	Top	B243-Wy- Loub	-2.70	0.23	640	512	1.52	1.39	2.13	15.97	25.24	8.58	SI
2 Piso	P29A	Bottom	B243-Wy- Loub	-3.78	0.23	640	512	-0.54	-0.28	3.74	18.24	25.24	8.75	SI
2 Piso	P29A	Top	B244-Wx+ Loub	-2.45	0.23	640	512	1.38	-1.09	2.48	15.91	25.24	8.55	SI
2 Piso	P29A	Bottom	B244-Wx+ Loub	-3.60	0.23	640	512	0.85	-0.29	5.75	18.20	25.24	8.72	SI
2 Piso	P29A	Top	B244-Wx- Loub	-2.45	0.23	640	512	1.38	-1.09	2.48	15.91	25.24	8.56	SI
2 Piso	P29A	Bottom	B244-Wx- Loub	-3.60	0.23	640	512	-0.85	0.28	5.75	18.20	25.24	8.72	SI
2 Piso	P29A	Top	B244-Wy+ Loub	-2.45	0.23	640	512	1.38	-1.09	2.48	15.91	25.24	8.55	SI
2 Piso	P29A	Bottom	B244-Wy+ Loub	-3.60	0.23	640	512	-0.85	-0.29	5.75	18.20	25.24	8.72	SI
2 Piso	P29A	Top	B244-Wy- Loub	-2.45	0.23	640	512	1.38	-1.09	2.48	15.91	25.24	8.55	SI
2 Piso	P29A	Bottom	B244-Wy- Loub	-3.60	0.23	640	512	-0.85	-0.29	5.75	18.20	25.24	8.72	SI
2 Piso	P29A	Top	B245-Ex+	-1.93	0.23	640	512	0.72	0.38	3.88	15.78	25.24	8.47	SI
2 Piso	P29A	Bottom	B245-Ex+	-1.47	0.23	640	512	-0.10	0.05	0.31	22.55	37.42	13.53	SI
2 Piso	P29A	Top	B245-Ex-	-1.76	0.23	640	512	1.24	-1.15	1.50	15.74	25.24	8.45	SI
2 Piso	P29A	Bottom	B245-Ex-	-5.01	0.23	640	512	-1.57	-1.18	2.58	16.55	25.24	8.83	SI
2 Piso	P29A	Top	B245-Ey+	-2.14	0.23	640	512	1.18	-1.45	1.61	15.83	25.24	8.50	SI
2 Piso	P29A	Bottom	B245-Ey+	-5.49	0.23	640	512	-0.87	-0.56	3.36	16.68	25.24	8.89	SI
2 Piso	P29A	Top	B245-Ey-	-1.58	0.23	640	512	0.88	0.04	58.21	15.80	25.24	8.42	SI
2 Piso	P29A	Bottom	B245-Ey-	-1.35	0.23	640	512	-0.71	0.02	65.49	15.50	25.24	8.34	SI
2 Piso	P29A	Top	B246-Wx+	-1.85	0.23	640	512	1.04	-0.93	2.18	15.76	25.24	8.46	SI
2 Piso	P29A	Bottom	B246-Wx+	-2.73	0.23	640	512	-0.40	-0.21	3.79	15.98	25.24	8.59	SI
2 Piso	P29A	Top	B246-Wx-	-1.85	0.23	640	512	1.04	-0.93	2.18	15.76	25.24	8.46	SI
2 Piso	P29A	Bottom	B246-Wx-	-2.73	0.23	640	512	-0.40	-0.21	3.79	15.98	25.24	8.59	SI
2 Piso	P29A	Top	B246-Wy+	-1.85	0.23	640	512	1.04	0.93	2.18	15.76	25.24	8.46	SI
2 Piso	P29A	Bottom	B246-Wy+	-2.73	0.23	640	512	-0.40	-0.21	3.79	15.98	25.24	8.59	SI
2 Piso	P29A	Top	B246 Wy-	-1.85	0.23	640	512	1.04	-0.93	2.18	15.76	25.24	8.46	SI
2 Piso	P29A	Bottom	B246 Wy-	-2.73	0.23	640	512	-0.40	-0.21	3.79	15.98	25.24	8.59	SI
2 Piso	P29A	Top	B247-Ex+	-1.59	0.23	640	512	0.48	0.40	2.31	15.69	25.24	8.41	SI
2 Piso	P29A	Bottom	B247-Ex+	-0.77	0.23	640	512	0.04	0.72	0.92	16.26	28.80	8.76	SI
2 Piso	P29A	Top	B247-Ex-	-1.37	0.23	640	512	1.10	1.70	1.26	15.64	25.24	8.38	SI
2 Piso	P29A	Bottom	B247-Ex-	-3.25	0.23	640	512	-1.93	-1.11	1.08	16.35	25.24	8.82	SI
2 Piso	P29A	Top	B247-Ey+	-1.72	0.23	640	512	0.94	-1.39	1.32	15.73	25.24	8.41	SI
2 Piso	P29A	Bottom	B247-Ey+	-4.67	0.23	640	512	-0.52	-0.49	2.10	16.47	25.24	8.68	SI
2 Piso	P29A	Top	B247-Ey-	-1.18	0.23	640	512	0.64	0.09	14.35	15.59	25.24	8.35	SI
2 Piso	P29A	Bottom	B247-Ey-	0.25	0.23	640	512	-0.27	0.18	5.37	15.37	25.24	8.22	SI
2 Piso	P29A	Top	B242 G	2.33	0.23	640	512	1.32	-0.93	2.77	15.68	25.24	8.53	SI
2 Piso	P29A	Bottom	B242 G	-0.62	0.23	640	512	-1.04	-0.29	8.00	16.18	25.24	8.71	SI
2 Piso	P29A	Top	B243-Wx- G	-3.77	0.23	640	512	2.16	-2.12	1.99	16.24	25.24	8.74	SI
2 Piso	P29A	Bottom	B243-Wx- G	-4.43	0.23	640	512	-0.57	-0.32	3.50	16.41	25.24	8.84	SI
2 Piso	P29A	Top	B243-Wy- G	-3.77	0.23	640	512	2.16	-2.12	1.99	16.24	25.24	8.74	SI
2 Piso	P29A	Bottom	B243-Wy- G	-4.43	0.23	640	512	-0.57	-0.32	3.50	16.41	25.24	8.84	SI
2 Piso	P29A	Top	B243-Wx+ G	-3.77	0.23	640	512	2.16	-2.12	1.99	16.24	25.24	8.74	SI
2 Piso	P29A	Bottom	B243-Wx+ G	-4.43	0.23	640	512	-0.57	-0.32	3.50	16.41	25.24	8.84	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Avmv (m²)	Lw (cm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P28A	Top	B243-Wy+ G	3.77	0.23	640	512	2.38	-2.12	1.88	16.24	25.24	9.74	SI
2 Piso	P28A	Bottom	B243-Wy+ G	-4.40	0.23	640	512	-0.57	-0.39	3.50	16.41	25.24	9.84	SI
2 Piso	P28A	Top	B244-Wx- G	-2.70	0.23	640	512	1.58	-1.32	2.35	15.88	25.24	9.53	SI
2 Piso	P28A	Bottom	B244-Wx- G	-3.81	0.23	640	512	-0.86	0.30	5.60	16.25	25.24	9.75	SI
2 Piso	P28A	Top	B244-Wx+ G	-2.70	0.23	640	512	1.58	-1.32	2.35	15.99	25.24	9.60	SI
2 Piso	P28A	Bottom	B244-Wx+ G	-3.81	0.23	640	512	-0.86	-0.30	5.60	16.25	25.24	9.75	SI
2 Piso	P28A	Top	B244-Wy- G	2.78	0.23	640	512	1.58	-1.32	2.35	15.99	25.24	9.60	SI
2 Piso	P28A	Bottom	B244-Wy- G	-3.81	0.23	640	512	-0.86	-0.30	5.60	16.25	25.24	9.75	SI
2 Piso	P28A	Top	B244-Wy+ G	-2.78	0.23	640	512	1.58	-1.32	2.35	15.99	25.24	9.60	SI
2 Piso	P28A	Bottom	B244-Wy+ G	-3.81	0.23	640	512	-0.86	0.30	5.60	16.25	25.24	9.75	SI
2 Piso	P32	Top	B241	-8.92	0.49	2140	1712	0.76	-1.61	0.28	49.52	80.92	29.71	SI
2 Piso	P32	Bottom	B241	-7.27	0.49	2140	1712	-4.80	-3.07	0.81	36.37	57.24	21.52	SI
2 Piso	P32	Top	B242 Loub	-5.70	0.49	2140	1712	0.80	-1.77	0.26	49.77	81.65	29.80	SI
2 Piso	P32	Bottom	B242 Loub	-5.12	0.49	2140	1712	-5.54	3.78	0.85	37.06	59.41	22.24	SI
2 Piso	P32	Top	B243-Wx+ Loub	-7.59	0.49	2140	1712	0.86	-1.46	0.34	48.52	78.59	29.11	SI
2 Piso	P32	Bottom	B243-Wx+ Loub	-7.69	0.49	2140	1712	-4.30	-2.84	0.88	37.09	58.33	22.28	SI
2 Piso	P32	Top	B243-Wx- Loub	-7.59	0.49	2140	1712	0.86	-1.46	0.34	48.52	78.59	29.11	SI
2 Piso	P32	Bottom	B243-Wx- Loub	-7.69	0.49	2140	1712	-4.30	-2.84	0.80	37.09	58.33	22.28	SI
2 Piso	P32	Top	B243-Wy+ Loub	-7.59	0.49	2140	1712	0.86	-1.46	0.34	48.52	78.59	29.11	SI
2 Piso	P32	Bottom	B243-Wy+ Loub	-7.69	0.49	2140	1712	-4.30	-2.84	0.88	37.09	58.33	22.28	SI
2 Piso	P32	Top	B243-Wy- Loub	-7.59	0.49	2140	1712	0.86	-1.46	0.34	48.52	78.59	29.11	SI
2 Piso	P32	Bottom	B243-Wy- Loub	-7.69	0.49	2140	1712	-4.30	-2.84	0.88	37.09	58.33	22.28	SI
2 Piso	P32	Top	B244-Wx+ Loub	-8.92	0.49	2140	1712	0.86	-1.67	0.30	48.24	80.15	29.54	SI
2 Piso	P32	Bottom	B244-Wx+ Loub	-6.43	0.49	2140	1712	-5.12	-3.48	0.86	37.30	59.26	22.38	SI
2 Piso	P32	Top	B244-Wx- Loub	-8.92	0.49	2140	1712	0.86	-1.67	0.30	48.24	80.15	29.54	SI
2 Piso	P32	Bottom	B244-Wx- Loub	-6.43	0.49	2140	1712	-5.12	-3.48	0.80	37.30	59.26	22.38	SI
2 Piso	P32	Top	B244-Wy+ Loub	-8.92	0.49	2140	1712	0.86	-1.67	0.30	48.24	80.15	29.54	SI
2 Piso	P32	Bottom	B244-Wy+ Loub	-6.43	0.49	2140	1712	-5.12	-3.48	0.86	37.30	59.26	22.36	SI
2 Piso	P32	Top	B244-Wy- Loub	-8.92	0.49	2140	1712	0.86	-1.67	0.30	48.24	80.15	29.54	SI
2 Piso	P32	Bottom	B244-Wy- Loub	-6.43	0.49	2140	1712	-5.12	-3.48	0.86	37.30	59.26	22.36	SI
2 Piso	P32	Top	B245-Ex+	-4.57	0.48	2140	1712	-0.78	0.46	0.99	34.07	54.37	20.44	SI
2 Piso	P32	Bottom	B245-Ex+	-4.85	0.48	2140	1712	-0.12	2.40	0.03	50.18	81.70	30.11	SI
2 Piso	P32	Top	B245-Ex-	-5.99	0.49	2140	1712	2.92	-3.69	0.35	47.95	78.29	28.77	SI
2 Piso	P32	Bottom	B245-Ex-	-6.03	0.49	2140	1712	-9.83	-9.11	0.63	42.04	67.82	25.23	SI
2 Piso	P32	Top	B245-Ey+	-5.88	0.48	2140	1712	0.26	-0.15	1.00	34.10	53.82	20.48	SI
2 Piso	P32	Bottom	B245-Ey+	-6.24	0.49	2140	1712	-5.10	-2.46	2.20	34.74	53.82	20.85	SI
2 Piso	P32	Top	B245-Ey-	-4.87	0.48	2140	1712	-1.18	-3.08	0.22	50.24	81.70	30.14	SI
2 Piso	P32	Bottom	B245-Ey-	-2.42	0.48	2140	1712	-4.88	-4.18	0.69	40.09	65.96	24.05	SI
2 Piso	P32	Top	B246-Wx+	-5.21	0.49	2140	1712	0.80	-1.08	0.33	48.30	79.26	28.98	SI
2 Piso	P32	Bottom	B246-Wx+	-5.44	0.49	2140	1712	-3.19	-2.08	0.89	36.36	58.02	21.81	SI
2 Piso	P32	Top	B246-Wx-	-5.21	0.49	2140	1712	0.80	-1.08	0.33	48.30	79.26	28.98	SI
2 Piso	P32	Bottom	B246-Wx-	-5.44	0.49	2140	1712	-3.19	-2.08	0.89	36.36	58.02	21.81	SI
2 Piso	P32	Top	B246-Wy+	-5.21	0.49	2140	1712	0.80	-1.08	0.33	48.30	79.26	28.98	SI
2 Piso	P32	Bottom	B246-Wy+	-5.44	0.49	2140	1712	-3.19	-2.08	0.89	36.36	58.02	21.81	SI
2 Piso	P32	Top	B246-Wy-	-5.21	0.49	2140	1712	0.80	-1.08	0.33	48.30	79.26	28.98	SI
2 Piso	P32	Bottom	B246-Wy-	-5.44	0.49	2140	1712	-3.19	-2.08	0.89	36.36	58.02	21.81	SI
2 Piso	P32	Top	B247-Ex+	-3.35	0.49	2140	1712	1.00	1.04	0.56	42.80	70.34	25.68	SI
2 Piso	P32	Bottom	B247-Ex+	-3.98	0.49	2140	1712	1.77	3.81	0.77	49.16	81.31	29.49	SI
2 Piso	P32	Top	B247-Ex-	-4.77	0.49	2140	1712	2.00	-3.15	0.38	47.19	77.36	28.28	SI
2 Piso	P32	Bottom	B247-Ex-	-5.37	0.49	2140	1712	-7.84	-7.16	0.60	42.58	69.06	25.55	SI
2 Piso	P32	Top	B247-Ey+	-4.47	0.49	2140	1712	0.04	0.43	0.05	50.14	81.70	30.00	SI
2 Piso	P32	Bottom	B247-Ey+	-7.58	0.49	2140	1712	-3.20	-2.13	1.68	34.58	53.82	20.75	SI
2 Piso	P32	Top	B247-Ey-	-3.68	0.49	2140	1712	0.86	2.50	0.23	49.84	81.70	29.90	SI
2 Piso	P32	Bottom	B247-Ey-	-1.78	0.48	2140	1712	-2.98	-2.82	0.61	41.35	68.47	24.81	SI
2 Piso	P32	Top	B242 G	-8.89	0.49	2140	1712	0.88	-1.80	0.28	49.54	80.83	29.73	SI
2 Piso	P32	Bottom	B242 G	-5.75	0.49	2140	1712	-5.82	-3.88	0.85	37.38	59.73	22.43	SI
2 Piso	P32	Top	B243-Wx- G	-10.57	0.49	2140	1712	1.12	-1.56	0.42	47.80	75.78	28.80	SI
2 Piso	P32	Bottom	B243-Wx- G	-9.69	0.49	2140	1712	-4.55	-3.13	0.95	38.30	59.58	22.98	SI
2 Piso	P32	Top	B243-Wy- G	-10.57	0.49	2140	1712	1.12	1.68	0.42	47.66	75.78	28.80	SI
2 Piso	P32	Bottom	B243-Wy- G	-9.69	0.49	2140	1712	-4.55	-2.13	0.85	38.30	59.58	22.98	SI
2 Piso	P32	Top	B243-Wx+ G	-10.57	0.49	2140	1712	1.12	-1.56	0.42	47.66	75.78	28.60	SI
2 Piso	P32	Bottom	B243-Wx+ G	-9.89	0.49	2140	1712	-4.55	-3.13	0.85	38.30	59.58	22.98	SI
2 Piso	P32	Top	B243-Wy+ G	10.57	0.49	2140	1712	1.12	-1.56	0.42	47.66	75.78	28.60	SI
2 Piso	P32	Bottom	B243-Wy+ G	8.89	0.49	2140	1712	-4.55	-3.13	0.85	38.30	59.58	22.98	SI
2 Piso	P32	Top	B244-Wx- G	-7.85	0.48	2140	1712	0.95	-1.70	0.32	49.00	78.32	29.40	SI
2 Piso	P32	Bottom	B244-Wx- G	-7.06	0.49	2140	1712	-5.20	-3.57	0.85	37.64	59.58	22.58	SI
2 Piso	P32	Top	B244-Wx+ G	-7.85	0.49	2140	1712	0.95	-1.70	0.32	49.00	78.32	29.40	SI
2 Piso	P32	Bottom	B244-Wx+ G	-7.06	0.49	2140	1712	-5.20	-3.57	0.85	37.64	59.58	22.58	SI
2 Piso	P32	Top	B244-Wy- G	7.85	0.49	2140	1712	0.95	-1.70	0.32	49.00	78.32	29.40	SI
2 Piso	P32	Bottom	B244-Wy- G	7.06	0.49	2140	1712	5.20	-3.57	0.85	37.64	59.58	22.58	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P32	Top	B244-Wy+ G	-7.85	0.49	2140	1712	0.95	-1.70	0.32	40.00	79.52	28.40	SI
2 Piso	P32	Bottom	B244-Wy+ G	-7.06	0.49	2140	1712	-5.20	-3.57	0.65	37.64	59.58	22.56	SI
2 Piso	P32A	Top	B241	1.47	0.21	910	728	0.26	-0.79	0.52	19.57	30.54	11.14	SI
2 Piso	P32A	Bottom	B241	-7.63	0.21	910	728	3.48	0.83	5.75	15.75	22.82	9.45	SI
2 Piso	P32A	Top	B242 Loub	-2.01	0.21	910	728	0.82	-2.45	0.35	20.27	33.32	12.16	SI
2 Piso	P32A	Bottom	B242 Loub	-8.76	0.21	910	728	4.50	1.01	6.15	16.34	27.93	9.80	SI
2 Piso	P32A	Top	B243 Wx+ Loub	-1.54	0.21	910	728	0.25	-0.44	0.80	16.08	26.20	9.65	SI
2 Piso	P32A	Bottom	B243-Wx+ Loub	-7.20	0.21	910	728	2.93	0.54	7.55	15.70	22.93	9.42	SI
2 Piso	P32A	Top	B243-Wx- Loub	-1.54	0.21	910	728	0.25	0.44	0.80	16.08	26.20	9.65	SI
2 Piso	P32A	Bottom	B243-Wx- Loub	-7.20	0.21	910	728	2.93	0.54	7.53	15.70	22.93	9.42	SI
2 Piso	P32A	Top	B243-Wy+ Loub	-1.54	0.21	910	728	0.25	-0.44	0.80	16.08	26.20	9.65	SI
2 Piso	P32A	Bottom	B243-Wy+ Loub	-7.20	0.21	910	728	2.93	0.54	7.53	15.70	22.93	9.42	SI
2 Piso	P32A	Top	B243 Wy- Loub	-1.54	0.21	910	728	0.25	-0.44	0.80	16.08	26.20	9.65	SI
2 Piso	P32A	Bottom	B243-Wy- Loub	-7.20	0.21	910	728	2.93	0.54	7.53	15.70	22.93	9.42	SI
2 Piso	P32A	Top	B244-Wx+ Loub	-1.70	0.21	910	728	0.49	-1.64	0.41	19.71	32.42	11.82	SI
2 Piso	P32A	Bottom	B244-Wx+ Loub	-8.00	0.21	910	728	3.90	0.79	6.81	16.15	22.93	9.69	SI
2 Piso	P32A	Top	B244-Wx- Loub	-1.78	0.21	910	728	0.49	-1.64	0.41	19.71	32.42	11.82	SI
2 Piso	P32A	Bottom	B244-Wx- Loub	-8.00	0.21	910	728	3.90	0.79	6.81	16.15	22.93	9.69	SI
2 Piso	P32A	Top	B244-Wy+ Loub	-1.78	0.21	910	728	0.49	-1.64	0.41	19.71	32.42	11.82	SI
2 Piso	P32A	Bottom	B244-Wy+ Loub	-8.00	0.21	910	728	3.90	0.79	6.81	16.15	22.93	9.69	SI
2 Piso	P32A	Top	B244-Wy- Loub	-1.78	0.21	910	728	0.49	-1.64	0.41	19.71	32.42	11.82	SI
2 Piso	P32A	Bottom	B244-Wy- Loub	-8.00	0.21	910	728	3.90	0.79	6.81	16.15	22.93	9.69	SI
2 Piso	P32A	Top	B245-Ex+	-2.33	0.21	910	728	-0.66	0.62	1.44	14.48	22.82	8.69	SI
2 Piso	P32A	Bottom	B245-Ex+	-11.47	0.21	910	728	9.86	5.31	2.55	16.75	22.93	10.06	SI
2 Piso	P32A	Top	B245-Ex-	1.00	0.21	910	728	1.01	-4.23	0.52	18.48	30.55	11.09	SI
2 Piso	P32A	Bottom	B245-Ex-	5.27	0.21	910	728	-1.98	3.47	0.79	17.15	28.34	10.29	SI
2 Piso	P32A	Top	B245-Ey+	-1.74	0.21	910	728	0.44	-1.65	0.33	20.39	33.65	12.24	SI
2 Piso	P32A	Bottom	B245-Ey+	-8.44	0.21	910	728	4.13	-1.10	6.03	16.01	22.93	9.60	SI
2 Piso	P32A	Top	B245-Ey-	-1.68	0.21	910	728	0.52	-1.75	0.41	19.68	32.42	11.81	SI
2 Piso	P32A	Bottom	B245-Ey-	-8.90	0.21	910	728	3.75	0.72	7.19	15.87	22.93	9.58	SI
2 Piso	P32A	Top	B246-Wx+	-0.99	0.21	910	728	0.19	-0.37	0.69	16.94	27.88	10.16	SI
2 Piso	P32A	Bottom	B246-Wx+	-5.21	0.21	910	728	2.21	0.44	6.69	15.20	22.83	9.12	SI
2 Piso	P32A	Top	B246-Wx-	-0.89	0.21	910	728	0.19	-0.37	0.68	16.94	27.88	10.16	SI
2 Piso	P32A	Bottom	B246-Wx-	-5.21	0.21	910	728	2.21	0.44	6.68	15.20	22.83	9.12	SI
2 Piso	P32A	Top	B246-Wy+	-0.99	0.21	910	728	0.19	-0.37	0.69	16.94	27.88	10.16	SI
2 Piso	P32A	Bottom	B246-Wy+	-5.21	0.21	910	728	2.21	0.44	6.69	15.20	22.83	9.12	SI
2 Piso	P32A	Top	B246-Wy-	-0.99	0.21	910	728	0.19	-0.37	0.69	16.94	27.88	10.16	SI
2 Piso	P32A	Bottom	B246-Wy-	-5.21	0.21	910	728	2.21	0.44	6.69	15.20	22.83	9.12	SI
2 Piso	P32A	Top	B247-Ex+	-1.66	0.21	910	728	-0.64	1.64	0.67	17.28	28.22	10.37	SI
2 Piso	P32A	Bottom	B247-Ex+	-7.87	0.21	910	728	8.16	4.93	2.26	15.86	22.93	9.52	SI
2 Piso	P32A	Top	B247-Ex-	0.32	0.21	910	728	1.31	-2.81	0.62	17.41	29.00	10.44	SI
2 Piso	P32A	Bottom	B247-Ex-	1.68	0.21	910	728	3.68	-8.88	1.31	14.32	22.83	8.58	SI
2 Piso	P32A	Top	B247-Ey+	-0.97	0.21	910	728	0.15	-0.54	0.38	19.74	32.84	11.85	SI
2 Piso	P32A	Bottom	B247-Ey+	-1.95	0.21	910	728	2.13	-0.74	4.61	15.11	22.93	9.07	SI
2 Piso	P32A	Top	B247-Ey-	-0.91	0.21	910	728	0.22	-0.44	0.70	18.93	27.71	10.10	SI
2 Piso	P32A	Bottom	B247-Ey-	-4.70	0.21	910	728	2.05	0.33	8.96	15.07	22.93	9.04	SI
2 Piso	P32A	Top	B242 G	-2.04	0.21	910	728	0.63	-2.36	0.36	20.15	33.09	12.09	SI
2 Piso	P32A	Bottom	B242 G	-10.12	0.21	910	728	4.47	0.80	8.62	15.93	22.93	9.56	SI
2 Piso	P32A	Top	B243-Wx- G	-1.45	0.21	910	728	0.26	-0.15	2.45	14.28	22.93	8.56	SI
2 Piso	P32A	Bottom	B243-Wx- G	-8.34	0.21	910	728	2.67	0.28	13.49	15.98	22.93	9.59	SI
2 Piso	P32A	Top	B243-Wy- G	-1.45	0.21	910	728	0.26	-0.15	2.45	14.28	22.93	8.56	SI
2 Piso	P32A	Bottom	B243-Wy- G	-8.34	0.21	910	728	2.67	0.29	13.49	15.98	22.93	9.59	SI
2 Piso	P32A	Top	B243-Wx+ G	-1.45	0.21	910	728	0.26	-0.15	2.45	14.28	22.93	8.56	SI
2 Piso	P32A	Bottom	B243-Wx+ G	-8.34	0.21	910	728	2.67	0.29	13.49	15.98	22.93	9.59	SI
2 Piso	P32A	Top	B243-Wy+ G	-1.45	0.21	910	728	0.26	-0.15	2.45	14.28	22.93	8.56	SI
2 Piso	P32A	Bottom	B243-Wy+ G	-8.34	0.21	910	728	2.67	0.29	13.48	15.98	22.93	9.59	SI
2 Piso	P32A	Top	B244-Wx- G	-1.81	0.21	910	728	0.49	-1.65	0.43	19.48	32.01	11.69	SI
2 Piso	P32A	Bottom	B244-Wx- G	-9.38	0.21	910	728	3.88	0.71	7.50	16.24	22.83	9.74	SI
2 Piso	P32A	Top	B244-Wx+ G	-1.81	0.21	910	728	0.49	-1.65	0.43	19.48	32.01	11.69	SI
2 Piso	P32A	Bottom	B244-Wx+ G	-9.36	0.21	910	728	3.88	0.71	7.50	16.24	22.93	9.74	SI
2 Piso	P32A	Top	B244-Wy- G	-1.81	0.21	910	728	0.49	-1.65	0.43	19.48	32.01	11.69	SI
2 Piso	P32A	Bottom	B244-Wy- G	-9.36	0.21	910	728	3.88	0.71	7.50	16.24	22.93	9.74	SI
2 Piso	P32A	Top	B244-Wy+ G	-1.81	0.21	910	728	0.49	-1.65	0.43	19.48	32.01	11.69	SI
2 Piso	P32A	Bottom	B244-Wy+ G	-9.38	0.21	910	728	3.88	0.71	7.50	16.24	22.93	9.74	SI
2 Piso	P32B	Top	B241	-6.80	0.14	590	472	1.29	-1.38	2.13	10.41	14.97	6.25	SI
2 Piso	P32B	Bottom	B241	-8.67	0.14	590	472	-2.19	0.42	11.07	11.13	14.87	6.71	SI
2 Piso	P32B	Top	B242 Loub	-4.09	0.14	590	472	1.27	-1.27	2.11	10.16	14.87	6.11	SI
2 Piso	P32B	Bottom	B242 Loub	-8.05	0.14	590	472	-4.04	1.71	5.01	11.02	14.87	6.61	SI
2 Piso	P32B	Top	B243-Wx+ Loub	-8.71	0.14	590	472	1.51	-1.70	1.88	10.08	14.97	6.41	SI
2 Piso	P32B	Bottom	B243-Wx+ Loub	-9.43	0.14	590	472	-2.06	0.12	36.32	11.37	14.87	6.82	SI

ANEXO B. REVISIÓN PARA CORTANTE PARALELO AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	t_w (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mur(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P32B	Top	B243-Wx- Lcub	-8.71	0.14	590	472	1.51	-1.70	1.66	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B243-Wx- Lcub	-9.43	0.14	590	472	2.06	-0.12	36.32	11.37	14.87	8.82	SI
2 Piso	P32B	Top	B243-Wy+ Lcub	-8.71	0.14	590	472	1.51	-1.70	1.88	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B243-Wy+ Lcub	-9.43	0.14	590	472	-2.06	0.12	36.32	11.37	14.87	8.82	SI
2 Piso	P32B	Top	B243-Wy- Lcub	-8.71	0.14	590	472	1.51	-1.70	1.88	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B243-Wy- Lcub	-9.43	0.14	590	472	-2.06	0.12	36.32	11.37	14.87	8.82	SI
2 Piso	P32B	Top	B244-Wx+ Lcub	-5.90	0.14	590	472	1.45	-1.58	1.95	10.48	14.87	8.29	SI
2 Piso	P32B	Bottom	B244-Wx+ Lcub	-8.06	0.14	590	472	-3.53	1.06	7.08	11.27	14.87	8.76	SI
2 Piso	P32B	Top	B244-Wx- Lcub	-5.90	0.14	590	472	1.45	-1.58	1.95	10.48	14.87	8.29	SI
2 Piso	P32B	Bottom	B244-Wx- Lcub	-8.04	0.14	590	472	-3.53	1.06	7.08	11.27	14.87	8.76	SI
2 Piso	P32B	Top	B244-Wy+ Lcub	-5.90	0.14	590	472	1.45	-1.58	1.95	10.49	14.87	8.29	SI
2 Piso	P32B	Bottom	B244-Wy+ Lcub	-8.04	0.14	590	472	-3.53	1.06	7.08	11.27	14.87	8.76	SI
2 Piso	P32B	Top	B244-Wy- Lcub	-5.90	0.14	590	472	1.45	-1.58	1.95	10.49	14.87	8.29	SI
2 Piso	P32B	Bottom	B244-Wy- Lcub	-8.04	0.14	590	472	-3.53	1.06	7.08	11.27	14.87	8.76	SI
2 Piso	P32B	Top	B245-Ex+	-4.08	0.14	590	472	0.79	0.07	24.58	10.02	14.87	8.02	SI
2 Piso	P32B	Bottom	B245-Ex+	-8.63	0.14	590	472	-2.82	2.11	2.63	10.66	14.87	8.40	SI
2 Piso	P32B	Top	B245-Ex-	-4.89	0.14	590	472	1.51	-2.30	1.36	10.22	14.87	8.13	SI
2 Piso	P32B	Bottom	B245-Ex-	-8.45	0.14	590	472	4.06	0.96	23.25	11.12	14.87	8.67	SI
2 Piso	P32B	Top	B245-Ey+	-4.55	0.14	590	472	1.19	-1.21	2.09	10.15	14.87	8.09	SI
2 Piso	P32B	Bottom	B245-Ey+	-8.35	0.14	590	472	-3.29	1.44	4.83	10.85	14.87	8.38	SI
2 Piso	P32B	Top	B245-Ey-	-4.35	0.14	590	472	1.10	-1.03	2.27	10.10	14.87	8.06	SI
2 Piso	P32B	Bottom	B245-Ey-	-8.50	0.14	590	472	-3.49	1.03	7.18	11.14	14.87	8.69	SI
2 Piso	P32B	Top	B246-Wx+	-4.81	0.14	590	472	1.04	-1.14	1.93	10.16	14.87	8.10	SI
2 Piso	P32B	Bottom	B246-Wx+	-8.62	0.14	590	472	-1.50	0.14	22.20	10.67	14.87	8.40	SI
2 Piso	P32B	Top	B246-Wx-	-4.81	0.14	590	472	1.04	-1.14	1.93	10.16	14.87	8.10	SI
2 Piso	P32B	Bottom	B246-Wx-	-8.62	0.14	590	472	-1.50	0.14	22.20	10.67	14.87	8.40	SI
2 Piso	P32B	Top	B246-Wy+	-4.81	0.14	590	472	1.04	-1.14	1.93	10.16	14.87	8.10	SI
2 Piso	P32B	Bottom	B246-Wy+	-8.62	0.14	590	472	-1.50	0.14	22.20	10.67	14.87	8.40	SI
2 Piso	P32B	Top	B246-Wy-	-4.81	0.14	590	472	1.04	-1.14	1.93	10.16	14.87	8.10	SI
2 Piso	P32B	Bottom	B246-Wy-	-8.62	0.14	590	472	1.50	0.14	22.20	10.67	14.87	8.40	SI
2 Piso	P32B	Top	B247-Ex+	-3.22	0.14	590	472	0.47	0.37	2.72	9.82	14.87	8.89	SI
2 Piso	P32B	Bottom	B247-Ex+	-4.65	0.14	590	472	-0.64	1.15	1.18	10.17	14.87	8.10	SI
2 Piso	P32B	Top	B247-Ex-	-3.97	0.14	590	472	1.18	-2.01	1.25	10.00	14.87	8.00	SI
2 Piso	P32B	Bottom	B247-Ex-	-6.49	0.14	590	472	-2.17	-0.81	7.58	10.63	14.87	8.39	SI
2 Piso	P32B	Top	B247-Ey+	-3.70	0.14	590	472	0.87	-1.91	2.03	9.94	14.87	8.96	SI
2 Piso	P32B	Bottom	B247-Ey+	-4.59	0.14	590	472	1.30	0.47	5.82	10.16	14.87	8.10	SI
2 Piso	P32B	Top	B247-Ey-	-3.50	0.14	590	472	0.70	0.73	2.27	9.88	14.87	8.93	SI
2 Piso	P32B	Bottom	B247-Ey-	-6.55	0.14	590	472	-1.51	0.06	50.24	10.85	14.87	8.39	SI
2 Piso	P32B	Top	B242 G	-5.51	0.14	590	472	1.44	-1.53	1.98	10.38	14.87	8.23	SI
2 Piso	P32B	Bottom	B242 G	-9.90	0.14	590	472	-4.02	1.81	5.30	11.24	14.87	8.74	SI
2 Piso	P32B	Top	B243-Wx- G	-9.34	0.14	590	472	2.06	-2.53	1.72	11.34	14.87	8.81	SI
2 Piso	P32B	Bottom	B243-Wx- G	-12.17	0.14	590	472	-2.31	-0.21	23.62	12.05	14.87	7.23	SI
2 Piso	P32B	Top	B243-Wy- G	-9.34	0.14	590	472	2.06	-2.53	1.72	11.34	14.87	8.81	SI
2 Piso	P32B	Bottom	B243-Wy- G	-12.17	0.14	590	472	-2.31	-0.21	23.62	12.05	14.87	7.23	SI
2 Piso	P32B	Top	B243-Wx+ G	-9.34	0.14	590	472	2.06	-2.53	1.72	11.34	14.87	8.81	SI
2 Piso	P32B	Bottom	B243-Wx+ G	-12.17	0.14	590	472	-2.31	-0.21	23.62	12.05	14.87	7.23	SI
2 Piso	P32B	Top	B243-Wy+ G	-9.34	0.14	590	472	2.06	-2.53	1.72	11.34	14.87	8.81	SI
2 Piso	P32B	Bottom	B243-Wy+ G	-12.17	0.14	590	472	-2.31	-0.21	23.62	12.05	14.87	7.23	SI
2 Piso	P32B	Top	B244-Wx- G	-8.72	0.14	590	472	1.83	-1.84	1.88	10.60	14.87	8.41	SI
2 Piso	P32B	Bottom	B244-Wx- G	-9.90	0.14	590	472	-3.61	0.95	8.01	11.48	14.87	8.69	SI
2 Piso	P32B	Top	B244-Wx+ G	-8.72	0.14	590	472	1.83	-1.84	1.88	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B244-Wx+ G	-9.90	0.14	590	472	-3.61	0.95	8.01	11.48	14.87	8.88	SI
2 Piso	P32B	Top	B244-Wy- G	-8.72	0.14	590	472	1.83	-1.84	1.88	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B244-Wy- G	-9.90	0.14	590	472	-3.61	0.95	8.01	11.48	14.87	8.88	SI
2 Piso	P32B	Top	B244-Wy+ G	-8.72	0.14	590	472	1.83	-1.84	1.88	10.69	14.87	8.41	SI
2 Piso	P32B	Bottom	B244-Wy+ G	-9.90	0.14	590	472	-3.61	0.95	8.01	11.48	14.87	8.88	SI
2 Piso	P33	Top	B241	-7.45	0.77	2740	2192	-8.67	1.80	2.20	52.80	84.05	31.68	SI
2 Piso	P33	Bottom	B241	-19.32	0.77	2740	2192	3.34	-2.67	0.57	70.04	109.29	42.02	SI
2 Piso	P33	Top	B242 Lcub	-6.80	0.77	2740	2192	-8.00	2.34	1.57	52.89	84.05	31.61	SI
2 Piso	P33	Bottom	B242 Lcub	-19.74	0.77	2740	2192	-2.97	-3.82	0.35	76.99	121.66	46.20	SI
2 Piso	P33	Top	B243-Wx+ Lcub	-8.64	0.77	2740	2192	-10.98	1.91	2.48	53.10	84.05	31.86	SI
2 Piso	P33	Bottom	B243-Wx+ Lcub	-19.83	0.77	2740	2192	-3.78	-1.78	0.96	57.06	88.20	34.24	SI
2 Piso	P33	Top	B243-Wx- Lcub	-8.64	0.77	2740	2192	-10.98	1.91	2.48	53.10	84.05	31.86	SI
2 Piso	P33	Bottom	B243-Wx- Lcub	-19.83	0.77	2740	2192	3.78	-1.78	0.96	57.06	88.20	34.24	SI
2 Piso	P33	Top	B243-Wy+ Lcub	-8.64	0.77	2740	2192	-10.98	1.91	2.48	53.10	84.05	31.86	SI
2 Piso	P33	Bottom	B243-Wy+ Lcub	-19.83	0.77	2740	2192	-3.78	-1.78	0.96	57.06	88.20	34.24	SI
2 Piso	P33	Top	B243-Wy- Lcub	-8.64	0.77	2740	2192	-10.98	1.91	2.48	53.10	84.05	31.86	SI
2 Piso	P33	Bottom	B243-Wy- Lcub	-19.83	0.77	2740	2192	-3.78	-1.78	0.96	57.06	88.20	34.24	SI
2 Piso	P33	Top	B244-Wx+ Lcub	-8.15	0.77	2740	2192	8.00	2.28	1.05	52.98	84.05	31.78	SI
2 Piso	P33	Bottom	B244-Wx+ Lcub	-19.81	0.77	2740	2192	3.48	-2.94	0.54	71.00	110.93	42.65	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Asmv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	ΦMuf(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P33	Top	B244-Wx- Loub	-8.15	0.77	2740	2192	-9.60	2.28	1.93	52.98	84.05	31.79	SI
2 Piso	P33	Bottom	B244-Wx- Loub	10.81	0.77	2740	2192	-5.16	-2.84	0.54	71.08	110.93	42.65	SI
2 Piso	P33	Top	B244-Wy+ Loub	8.15	0.77	2740	2192	-9.80	2.26	1.93	52.98	84.05	31.79	SI
2 Piso	P33	Bottom	B244-Wy+ Loub	-10.81	0.77	2740	2192	5.48	-2.84	0.54	71.08	110.93	42.65	SI
2 Piso	P33	Top	B244-Wy- Loub	-8.15	0.77	2740	2192	9.80	2.28	1.93	52.98	84.05	31.79	SI
2 Piso	P33	Bottom	B244-Wy- Loub	-10.81	0.77	2740	2192	-5.48	-2.84	0.54	71.08	110.93	42.65	SI
2 Piso	P33	Top	B245-Ex+	-7.39	0.77	2740	2192	-9.62	4.33	1.91	52.77	84.05	31.66	SI
2 Piso	P33	Bottom	B245-Ex+	-10.96	0.77	2740	2192	1.90	0.98	0.00	58.54	89.99	35.12	SI
2 Piso	P33	Top	B245-Ex-	-5.56	0.77	2740	2192	-5.15	-0.56	6.61	52.33	84.05	31.40	SI
2 Piso	P33	Bottom	B245-Ex-	-10.01	0.77	2740	2192	-7.53	-7.62	0.45	73.64	116.24	44.18	SI
2 Piso	P33	Top	B245-Ey+	-8.24	0.77	2740	2192	-6.87	1.60	1.88	52.50	84.05	31.50	SI
2 Piso	P33	Bottom	B245-Ey+	-18.85	0.77	2740	2192	-0.46	-3.06	0.52	71.61	112.38	42.97	SI
2 Piso	P33	Top	B245-Ey-	-8.84	0.77	2740	2192	-7.00	2.37	1.50	52.60	84.05	31.56	SI
2 Piso	P33	Bottom	B245-Ey-	-19.31	0.77	2740	2192	-2.14	-3.59	0.27	79.13	126.71	47.48	SI
2 Piso	P33	Top	B246-Wx+	-5.96	0.77	2740	2192	7.11	1.35	2.41	52.44	84.05	31.46	SI
2 Piso	P33	Bottom	B246-Wx+	-14.03	0.77	2740	2192	-2.62	-1.45	0.82	60.28	94.37	36.17	SI
2 Piso	P33	Top	B246-Wx-	-5.89	0.77	2740	2192	-7.11	1.35	2.41	52.44	84.05	31.46	SI
2 Piso	P33	Bottom	B246-Wx-	-14.03	0.77	2740	2192	-2.62	-1.45	0.82	60.28	94.37	36.17	SI
2 Piso	P33	Top	B246-Wy+	-5.89	0.77	2740	2192	-7.11	1.35	2.41	52.44	84.05	31.46	SI
2 Piso	P33	Bottom	B246-Wy+	-14.03	0.77	2740	2192	-2.62	-1.45	0.82	60.28	94.37	36.17	SI
2 Piso	P33	Top	B246-Wy-	-5.89	0.77	2740	2192	7.11	1.35	2.41	52.44	84.05	31.46	SI
2 Piso	P33	Bottom	B246-Wy-	-14.03	0.77	2740	2192	-2.62	-1.45	0.82	60.28	94.37	36.17	SI
2 Piso	P33	Top	B247-Ex+	-5.87	0.77	2740	2192	-7.61	3.50	1.02	52.35	84.05	31.42	SI
2 Piso	P33	Bottom	B247-Ex+	-11.89	0.77	2740	2192	2.58	2.58	0.48	71.92	115.00	43.15	SI
2 Piso	P33	Top	B247-Ex-	3.01	0.77	2740	2192	-3.34	-1.19	1.28	51.92	84.05	31.15	SI
2 Piso	P33	Bottom	B247-Ex-	-12.94	0.77	2740	2192	-8.87	-8.02	0.52	70.04	112.13	42.03	SI
2 Piso	P33	Top	B247-Ey+	-4.58	0.77	2740	2192	-5.18	0.77	3.07	52.09	84.05	31.25	SI
2 Piso	P33	Bottom	B247-Ey+	-13.59	0.77	2740	2192	-2.81	-1.45	0.88	56.32	91.10	34.99	SI
2 Piso	P33	Top	B247-Ey-	-4.99	0.77	2740	2192	-5.86	1.54	1.77	52.19	84.05	31.31	SI
2 Piso	P33	Bottom	B247-Ey-	-11.25	0.77	2740	2192	-1.48	-1.88	0.94	75.57	122.66	45.94	SI
2 Piso	P33	Top	B242 G	7.86	0.77	2740	2192	-9.28	2.50	1.70	52.93	84.05	31.76	SI
2 Piso	P33	Bottom	B242 G	-20.06	0.77	2740	2192	-3.36	-3.60	0.40	74.99	117.74	45.00	SI
2 Piso	P33	Top	B243-Wx- G	-11.73	0.77	2740	2192	-14.37	2.41	2.72	53.87	84.05	32.32	SI
2 Piso	P33	Bottom	B243-Wx- G	-23.83	0.77	2740	2192	-4.99	-1.08	2.11	56.90	84.05	34.14	SI
2 Piso	P33	Top	B243-Wy- G	-11.73	0.77	2740	2192	-14.37	2.41	2.72	53.87	84.05	32.32	SI
2 Piso	P33	Bottom	B243-Wy- G	-23.83	0.77	2740	2192	-4.99	-1.08	2.11	56.90	84.05	34.14	SI
2 Piso	P33	Top	B243-Wy+ G	-11.73	0.77	2740	2192	-14.37	2.41	2.72	53.87	84.05	32.32	SI
2 Piso	P33	Bottom	B243-Wy+ G	-23.83	0.77	2740	2192	-4.99	-1.08	2.11	56.90	84.05	34.14	SI
2 Piso	P33	Top	B244-Wx- G	-8.11	0.77	2740	2192	-10.85	2.42	2.05	53.22	84.05	31.93	SI
2 Piso	P33	Bottom	B244-Wx- G	-21.12	0.77	2740	2192	-3.87	-2.72	0.65	67.83	104.59	40.70	SI
2 Piso	P33	Top	B244-Wx+ G	-8.11	0.77	2740	2192	-10.85	2.42	2.05	53.22	84.05	31.93	SI
2 Piso	P33	Bottom	B244-Wx+ G	-21.12	0.77	2740	2192	3.87	-2.72	0.65	67.83	104.59	40.70	SI
2 Piso	P33	Top	B244-Wy- G	-8.11	0.77	2740	2192	-10.85	2.42	2.05	53.22	84.05	31.93	SI
2 Piso	P33	Bottom	B244-Wy- G	-21.12	0.77	2740	2192	-3.87	-2.72	0.65	67.83	104.59	40.70	SI
2 Piso	P33	Top	B244-Wy+ G	-8.11	0.77	2740	2192	-10.85	2.42	2.05	53.22	84.05	31.93	SI
2 Piso	P33	Bottom	B244-Wy+ G	-21.12	0.77	2740	2192	-3.87	-2.72	0.65	67.83	104.59	40.70	SI
2 Piso	P35	Top	B241	-1.98	0.12	440	352	0.35	1.60	0.69	10.83	16.95	6.38	SI
2 Piso	P35	Bottom	B241	-3.28	0.12	440	352	0.32	0.25	3.71	9.00	13.50	5.40	SI
2 Piso	P35	Top	B242 Loub	-1.75	0.12	440	352	-0.36	1.66	0.82	10.86	17.10	6.39	SI
2 Piso	P35	Bottom	B242 Loub	2.22	0.12	440	352	0.30	0.24	3.57	9.73	13.50	5.24	SI
2 Piso	P35	Top	B243-Wx+ Loub	2.36	0.12	440	352	-0.40	1.74	0.66	10.83	16.78	6.38	SI
2 Piso	P35	Bottom	B243-Wx+ Loub	-3.58	0.12	440	352	0.32	0.24	3.08	9.09	13.50	5.45	SI
2 Piso	P35	Top	B243-Wx- Loub	-2.36	0.12	440	352	0.40	1.74	0.65	10.83	16.78	6.38	SI
2 Piso	P35	Bottom	B243-Wx- Loub	-3.50	0.12	440	352	0.32	0.24	3.88	9.08	13.50	5.45	SI
2 Piso	P35	Top	B243 Wy+ Loub	-2.36	0.12	440	352	-0.40	1.74	0.65	10.83	16.78	6.38	SI
2 Piso	P35	Bottom	B243-Wy+ Loub	-3.58	0.12	440	352	0.32	0.24	3.08	9.08	13.50	5.45	SI
2 Piso	P35	Top	B243-Wy- Loub	2.36	0.12	440	352	-0.40	1.74	0.65	10.83	16.78	6.38	SI
2 Piso	P35	Bottom	B243-Wy- Loub	-3.58	0.12	440	352	0.32	0.24	3.68	9.08	13.50	5.45	SI
2 Piso	P35	Top	B244-Wx+ Loub	-2.13	0.12	440	352	-0.40	1.78	0.63	10.86	16.84	6.40	SI
2 Piso	P35	Bottom	B244-Wx+ Loub	-2.91	0.12	440	352	0.32	0.25	3.61	8.91	13.50	5.34	SI
2 Piso	P35	Top	B244-Wx- Loub	-2.13	0.12	440	352	-0.40	1.78	0.63	10.86	16.84	6.40	SI
2 Piso	P35	Bottom	B244-Wx- Loub	-2.91	0.12	440	352	0.32	0.25	3.61	8.91	13.50	5.34	SI
2 Piso	P35	Top	B244-Wy+ Loub	-2.13	0.12	440	352	-0.40	1.78	0.63	10.86	16.84	6.40	SI
2 Piso	P35	Bottom	B244-Wy+ Loub	-2.91	0.12	440	352	0.32	0.25	3.61	8.91	13.50	5.34	SI
2 Piso	P35	Top	B244-Wy- Loub	-2.13	0.12	440	352	-0.40	1.78	0.63	10.86	16.84	6.40	SI
2 Piso	P35	Bottom	B244-Wy- Loub	-2.91	0.12	440	352	0.32	0.25	3.61	8.91	13.50	5.34	SI
2 Piso	P35	Top	B245-Ex+	-1.87	0.12	440	352	-0.56	2.81	0.54	11.07	17.60	6.64	SI
2 Piso	P35	Bottom	B245-Ex+	-3.12	0.12	440	352	0.64	0.52	3.47	8.96	13.50	5.38	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lw (mm)	d (mm)	M22 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P35	Top	B245-Ex-	-1.46	0.12	440	352	-0.10	0.09	3.04	8.56	10.50	5.13	SI
2 Piso	P35	Bottom	B245-Ex-	-1.54	0.12	440	352	-0.06	-0.07	2.45	8.57	10.50	5.14	SI
2 Piso	P35	Top	B245-Ey+	-1.70	0.12	440	352	-0.32	1.45	0.83	10.38	17.02	8.36	SI
2 Piso	P35	Bottom	B245-Ey+	2.38	0.12	440	352	0.26	0.27	3.82	8.78	13.50	5.27	SI
2 Piso	P35	Top	B245-Ey-	-1.58	0.12	440	352	-0.33	1.55	0.67	10.64	17.94	8.38	SI
2 Piso	P35	Bottom	B245 Ey-	-2.26	0.12	440	352	0.30	0.23	3.83	8.75	13.50	5.25	SI
2 Piso	P35	Top	B246-Wx+	-2.62	0.12	440	352	0.28	1.22	0.85	10.47	16.83	8.28	SI
2 Piso	P35	Bottom	B246-Wx+	-2.51	0.12	440	352	0.23	0.18	3.69	8.81	13.50	5.28	SI
2 Piso	P35	Top	B246-Wx-	-1.62	0.12	440	352	-0.26	1.22	0.85	10.47	16.83	8.28	SI
2 Piso	P35	Bottom	B246-Wx-	-2.51	0.12	440	352	0.23	0.18	3.68	8.81	13.50	5.29	SI
2 Piso	P35	Top	B246-Wy+	-1.62	0.12	440	352	-0.28	1.22	0.85	10.47	16.93	8.28	SI
2 Piso	P35	Bottom	B246-Wy+	-2.51	0.12	440	352	0.23	0.18	3.69	8.81	13.50	5.29	SI
2 Piso	P35	Top	B246-Wy-	-1.62	0.12	440	352	0.28	1.22	0.85	10.47	16.83	8.28	SI
2 Piso	P35	Bottom	B246-Wy-	-2.51	0.12	440	352	0.23	0.18	3.69	8.81	13.50	5.28	SI
2 Piso	P35	Top	B247-Ex+	-1.46	0.12	440	352	-0.46	2.44	0.53	11.02	17.88	8.61	SI
2 Piso	P35	Bottom	B247 Ex+	-2.90	0.12	440	352	0.56	0.46	3.47	8.91	13.50	5.34	SI
2 Piso	P35	Top	B247-Ex-	-1.10	0.12	440	352	0.50	-0.38	0.90	12.55	20.45	7.53	SI
2 Piso	P35	Bottom	B247-Ex-	-1.32	0.12	440	352	-0.14	-0.10	2.92	8.51	13.50	5.11	SI
2 Piso	P35	Top	B247-Ey+	-1.34	0.12	440	352	-0.22	0.08	0.64	10.41	16.85	8.26	SI
2 Piso	P35	Bottom	B247-Ey+	-2.17	0.12	440	352	0.26	0.15	3.71	8.72	13.50	5.23	SI
2 Piso	P35	Top	B247-Ey-	-1.22	0.12	440	352	-0.26	1.08	0.62	10.49	17.04	8.29	SI
2 Piso	P35	Bottom	B247-Ey-	-2.00	0.12	440	352	0.22	0.17	3.72	8.78	13.50	5.22	SI
2 Piso	P35	Top	B242 G	-2.03	0.12	440	352	-0.40	1.82	0.63	10.69	17.02	8.41	SI
2 Piso	P35	Bottom	B242 G	-2.64	0.12	440	352	0.32	0.26	3.58	8.82	13.50	5.29	SI
2 Piso	P35	Top	B243-Wx- G	-3.25	0.12	440	352	-0.52	2.24	0.67	10.77	18.85	8.46	SI
2 Piso	P35	Bottom	B243-Wx- G	-4.83	0.12	440	352	0.37	0.29	3.84	8.94	13.50	5.60	SI
2 Piso	P35	Top	B243-Wx- G	-3.25	0.12	440	352	-0.52	2.24	0.67	10.77	18.85	8.46	SI
2 Piso	P35	Bottom	B243-Wx- G	-4.83	0.12	440	352	0.37	0.29	3.84	8.94	13.50	5.60	SI
2 Piso	P35	Top	B243-Wx+ G	-3.25	0.12	440	352	-0.52	2.24	0.67	10.77	18.85	8.46	SI
2 Piso	P35	Bottom	B243-Wx+ G	-4.83	0.12	440	352	0.37	0.29	3.84	8.94	13.50	5.60	SI
2 Piso	P35	Top	B244-Wx- G	-2.41	0.12	440	352	-0.44	1.93	0.64	10.69	16.88	8.42	SI
2 Piso	P35	Bottom	B244-Wx- G	-3.24	0.12	440	352	0.33	0.26	3.80	8.99	13.50	5.39	SI
2 Piso	P35	Top	B244-Wx+ G	-2.41	0.12	440	352	-0.44	1.93	0.64	10.69	16.88	8.42	SI
2 Piso	P35	Bottom	B244-Wx+ G	-3.24	0.12	440	352	0.33	0.26	3.80	8.99	13.50	5.39	SI
2 Piso	P35	Top	B244-Wy- G	-2.41	0.12	440	352	-0.44	1.93	0.64	10.69	16.88	8.42	SI
2 Piso	P35	Bottom	B244-Wy- G	-3.24	0.12	440	352	0.33	0.26	3.80	8.99	13.50	5.39	SI
2 Piso	P35	Top	B244-Wy+ G	-2.41	0.12	440	352	-0.44	1.93	0.64	10.69	16.88	8.42	SI
2 Piso	P35	Bottom	B244-Wy+ G	-3.24	0.12	440	352	0.33	0.26	3.80	8.99	13.50	5.39	SI
2 Piso	P36	Top	B241	-14.66	1.85	6600	5280	10.02	-2.93	0.80	142.47	230.87	85.48	SI
2 Piso	P36	Bottom	B241	-36.69	1.85	6600	5280	1.50	0.75	1.16	131.68	202.46	78.10	SI
2 Piso	P36	Top	B242 Loub	-13.83	1.85	6600	5280	9.04	2.82	0.61	157.50	257.50	94.50	SI
2 Piso	P36	Bottom	B242 Loub	-33.35	1.85	6600	5280	-1.41	0.15	1.74	131.04	202.46	78.62	SI
2 Piso	P36	Top	B243-Wx+ Loub	-17.28	1.85	6600	5280	11.90	-2.57	0.88	136.06	220.03	82.17	SI
2 Piso	P36	Bottom	B243-Wx+ Loub	-36.31	1.85	6600	5280	2.08	0.15	2.65	131.78	202.46	79.07	SI
2 Piso	P36	Top	B243-Wx- Loub	-17.28	1.85	6600	5280	11.90	-2.57	0.88	136.95	220.03	82.17	SI
2 Piso	P36	Bottom	B243-Wx- Loub	-36.31	1.85	6600	5280	2.08	0.15	2.65	131.78	202.46	79.07	SI
2 Piso	P36	Top	B243 Wy+ Loub	-17.28	1.85	6600	5280	11.90	-2.57	0.88	136.95	220.03	82.17	SI
2 Piso	P36	Bottom	B243-Wy+ Loub	-36.31	1.85	6600	5280	2.08	0.15	2.65	131.78	202.46	79.07	SI
2 Piso	P36	Top	B243-Wy- Loub	-17.28	1.85	6600	5280	11.90	-2.57	0.88	136.95	220.03	82.17	SI
2 Piso	P36	Bottom	B243-Wy- Loub	-36.31	1.85	6600	5280	2.08	0.15	2.65	131.78	202.46	79.07	SI
2 Piso	P36	Top	B244-Wx+ Loub	-16.20	1.85	6600	5280	10.90	-2.88	0.72	148.80	241.57	89.31	SI
2 Piso	P36	Bottom	B244-Wx+ Loub	-35.60	1.85	6600	5280	0.06	0.14	0.11	192.96	306.76	115.77	SI
2 Piso	P36	Top	B244-Wx- Loub	-16.20	1.85	6600	5280	10.90	-2.88	0.72	148.80	241.57	89.31	SI
2 Piso	P36	Bottom	B244-Wx- Loub	-35.60	1.85	6600	5280	0.06	0.14	0.11	192.96	306.76	115.77	SI
2 Piso	P36	Top	B244-Wy+ Loub	-16.20	1.85	6600	5280	10.90	-2.88	0.72	148.80	241.57	89.31	SI
2 Piso	P36	Bottom	B244-Wy+ Loub	-35.60	1.85	6600	5280	0.06	0.14	0.11	192.96	306.76	115.77	SI
2 Piso	P36	Top	B244-Wy- Loub	-16.20	1.85	6600	5280	10.90	2.88	0.72	148.80	241.57	89.31	SI
2 Piso	P36	Bottom	B244-Wy- Loub	-35.60	1.85	6600	5280	0.06	0.14	0.11	192.96	306.76	115.77	SI
2 Piso	P36	Top	B245-Ex+	-12.08	1.85	6600	5280	4.94	4.17	0.22	187.07	306.76	112.24	SI
2 Piso	P36	Bottom	B245-Ex+	-29.19	1.85	6600	5280	28.81	16.02	0.28	187.28	305.61	112.37	SI
2 Piso	P36	Top	B245-Ex-	-13.47	1.85	6600	5280	11.85	-9.07	0.25	187.42	306.76	112.45	SI
2 Piso	P36	Bottom	B245-Ex-	-34.68	1.85	6600	5280	-27.79	-17.64	0.30	187.34	307.48	112.41	SI
2 Piso	P36	Top	B245-Ey+	-12.75	1.85	6600	5280	8.96	-2.47	0.69	150.90	246.71	90.54	SI
2 Piso	P36	Bottom	B245-Ey+	-31.88	1.85	6600	5280	-0.20	0.17	0.22	181.98	306.76	115.19	SI
2 Piso	P36	Top	B245-Ey-	-12.75	1.85	6600	5280	7.83	-2.43	0.61	156.91	257.32	94.14	SI
2 Piso	P36	Bottom	B245-Ey-	-32.16	1.85	6600	5280	-0.78	0.20	0.72	152.89	241.29	91.61	SI
2 Piso	P36	Top	B246-Wx+	-11.85	1.85	6600	5280	6.18	-1.81	0.88	137.16	222.75	82.30	SI
2 Piso	P36	Bottom	B246-Wx+	-28.14	1.85	6600	5280	1.40	0.13	2.08	129.24	202.49	77.54	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lm (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ØVn (ton)	Cumple
2 Piso	P36	Top	B248-Wx-	-11.95	1.85	6600	5280	8.19	-1.81	0.60	137.16	222.75	82.30	SI
2 Piso	P36	Bottom	B248-Wx-	-26.14	1.85	6600	5280	1.40	0.13	2.08	129.24	202.46	77.54	SI
2 Piso	P36	Top	B248-Wy+	-11.95	1.85	6600	5280	8.19	-1.01	0.88	137.16	222.75	82.30	SI
2 Piso	P36	Bottom	B248-Wy+	-26.14	1.85	6600	5280	1.40	0.13	2.08	129.24	202.46	77.54	SI
2 Piso	P36	Top	B248-Wy-	-11.95	1.85	6600	5280	8.10	-1.6*	0.86	137.16	222.75	82.30	SI
2 Piso	P36	Bottom	B248-Wy-	26.14	1.85	6600	5280	1.40	0.13	2.08	129.24	202.46	77.64	SI
2 Piso	P36	Top	B247-Ex+	-9.85	1.85	6600	5280	2.99	5.00	0.11	188.27	306.75	113.78	SI
2 Piso	P36	Bottom	B247-Ex+	-20.82	1.85	6600	5280	28.30	17.59	0.30	183.91	301.54	110.35	SI
2 Piso	P36	Top	B247-Ex-	-10.25	1.85	6600	5280	9.90	-8.15	0.23	186.62	305.78	111.97	SI
2 Piso	P36	Bottom	B247 Ex-	-28.35	1.85	6600	5280	-26.30	-17.67	0.28	186.57	303.80	111.94	SI
2 Piso	P36	Top	B247-Ey+	-9.53	1.85	6600	5280	7.01	-1.55	0.86	136.58	222.79	81.95	SI
2 Piso	P36	Bottom	B247-Ey+	-23.34	1.85	6600	5280	1.29	0.15	1.86	128.54	202.46	77.12	SI
2 Piso	P36	Top	B247-Ey-	9.57	1.85	6600	5280	5.08	-1.51	0.74	145.85	239.18	87.51	SI
2 Piso	P36	Bottom	B247-Ey-	-20.63	1.85	6600	5280	0.71	0.18	0.75	148.60	238.08	89.28	SI
2 Piso	P36	Top	B242 G	-15.77	1.85	6600	5280	10.46	-3.05	0.85	154.62	251.85	92.77	SI
2 Piso	P36	Bottom	B242 G	-35.40	1.85	6600	5280	-1.00	0.12	1.87	131.58	202.46	78.93	SI
2 Piso	P36	Top	B243-Wx- G	-29.51	1.85	6600	5280	10.43	-3.31	0.84	133.94	210.89	80.01	SI
2 Piso	P36	Bottom	B243-Wx- G	-42.86	1.85	6600	5280	3.11	0.05	10.74	133.44	202.46	80.07	SI
2 Piso	P36	Top	B243-Wy- G	-29.51	1.85	6600	5280	10.43	-3.31	0.84	133.94	210.89	80.01	SI
2 Piso	P36	Bottom	B243-Wy- G	-42.86	1.85	6600	5280	3.11	0.05	10.74	133.44	202.46	80.07	SI
2 Piso	P36	Top	B243-Wx+ G	-29.51	1.85	6600	5280	10.43	-3.31	0.84	133.94	210.89	80.01	SI
2 Piso	P36	Bottom	B243-Wx+ G	-42.86	1.85	6600	5280	3.11	0.05	10.74	133.44	202.46	80.07	SI
2 Piso	P36	Top	B243-Wy+ G	-29.51	1.85	6600	5280	10.43	-3.31	0.84	133.94	210.89	80.01	SI
2 Piso	P36	Bottom	B243-Wy+ G	-42.86	1.85	6600	5280	3.11	0.05	10.74	133.44	202.46	80.07	SI
2 Piso	P36	Top	B244-Wx- G	-18.15	1.85	6600	5280	12.31	-3.09	0.78	146.71	239.00	88.02	SI
2 Piso	P36	Bottom	B244-Wx- G	-37.67	1.85	6600	5280	0.40	0.11	0.71	155.64	244.07	93.38	SI
2 Piso	P36	Top	B244-Wx+ G	-18.15	1.85	6600	5280	12.31	-3.09	0.78	146.71	239.90	88.02	SI
2 Piso	P36	Bottom	B244-Wx+ G	-37.67	1.85	6600	5280	0.40	0.11	0.71	155.64	244.07	93.38	SI
2 Piso	P36	Top	B244-Wy+ G	18.15	1.85	6600	5280	12.31	-3.09	0.78	146.71	239.90	88.02	SI
2 Piso	P36	Bottom	B244-Wy+ G	-37.67	1.85	6600	5280	0.40	0.11	0.71	155.64	244.07	93.38	SI
2 Piso	P36	Top	B244-Wy- G	-10.15	1.85	6600	5280	12.31	-3.09	0.78	146.71	239.90	88.02	SI
2 Piso	P36	Bottom	B244-Wy- G	-37.67	1.85	6600	5280	0.40	0.11	0.71	155.64	244.07	93.38	SI
2 Piso	P37	Top	B241	-6.65	0.75	2690	2152	8.21	-4.01	0.85	53.76	85.31	31.96	SI
2 Piso	P37	Bottom	B241	-17.52	0.75	2690	2152	0.36	1.50	0.17	78.40	125.03	47.64	SI
2 Piso	P37	Top	B242 Loub	-0.32	0.75	2690	2152	7.87	-5.15	0.69	61.62	100.25	38.67	SI
2 Piso	P37	Bottom	B242 Loub	-17.38	0.75	2690	2152	-0.46	3.00	0.07	79.35	125.03	47.62	SI
2 Piso	P37	Top	B243-Wx+ Loub	-7.01	0.75	2690	2152	9.78	-4.15	1.10	51.98	82.52	31.18	SI
2 Piso	P37	Bottom	B243-Wx+ Loub	-17.70	0.75	2690	2152	1.11	0.71	0.72	63.54	98.62	36.12	SI
2 Piso	P37	Top	B243-Wx- Loub	-7.01	0.75	2690	2152	9.78	-4.15	1.10	51.98	82.52	31.18	SI
2 Piso	P37	Bottom	B243-Wx- Loub	-17.70	0.75	2690	2152	1.11	0.71	0.72	63.54	98.62	36.12	SI
2 Piso	P37	Top	B243-Wy+ Loub	-7.01	0.75	2690	2152	9.78	-4.15	1.10	51.98	82.52	31.18	SI
2 Piso	P37	Bottom	B243-Wy+ Loub	-17.70	0.75	2690	2152	1.11	0.71	0.72	63.54	98.62	36.12	SI
2 Piso	P37	Top	B243-Wy- Loub	-7.01	0.75	2690	2152	9.78	-4.15	1.10	51.98	82.52	31.18	SI
2 Piso	P37	Bottom	B243-Wy- Loub	-17.70	0.75	2690	2152	1.11	0.71	0.72	63.54	98.62	36.12	SI
2 Piso	P37	Top	B244-Wx+ Loub	-7.37	0.75	2690	2152	8.11	-4.95	0.86	58.54	90.80	33.92	SI
2 Piso	P37	Bottom	B244-Wx+ Loub	-18.14	0.75	2690	2152	0.01	2.01	0.07	79.55	125.03	47.73	SI
2 Piso	P37	Top	B244-Wx- Loub	-7.37	0.75	2690	2152	8.11	-4.95	0.86	58.54	90.80	33.92	SI
2 Piso	P37	Bottom	B244-Wx- Loub	-18.14	0.75	2690	2152	0.01	2.01	0.07	79.55	125.03	47.73	SI
2 Piso	P37	Top	B244-Wy+ Loub	-7.37	0.75	2690	2152	8.11	-4.95	0.86	58.54	90.80	33.92	SI
2 Piso	P37	Bottom	B244-Wy+ Loub	-18.14	0.75	2690	2152	0.01	2.01	0.07	79.55	125.03	47.73	SI
2 Piso	P37	Top	B244-Wy- Loub	-7.37	0.75	2690	2152	8.11	-4.95	0.86	58.54	90.80	33.92	SI
2 Piso	P37	Bottom	B244-Wy- Loub	-18.14	0.75	2690	2152	0.01	2.01	0.07	79.55	125.03	47.73	SI
2 Piso	P37	Top	B245-Ex+	-5.42	0.75	2690	2152	4.31	-0.52	3.35	51.07	82.52	30.82	SI
2 Piso	P37	Bottom	B245-Ex+	-18.63	0.75	2690	2152	4.63	7.11	0.30	77.39	122.62	46.43	SI
2 Piso	P37	Top	B245-Ex-	-6.19	0.75	2690	2152	9.77	-8.30	0.65	68.26	108.66	39.77	SI
2 Piso	P37	Bottom	B245 Ex-	-19.39	0.75	2690	2152	-0.23	-2.25	1.08	53.35	82.52	32.02	SI
2 Piso	P37	Top	B245-Ey+	-5.79	0.75	2690	2152	6.88	-3.92	0.81	57.59	90.96	34.55	SI
2 Piso	P37	Bottom	B245-Ey+	-17.30	0.75	2690	2152	0.22	2.12	0.05	79.34	125.03	47.61	SI
2 Piso	P37	Top	B245-Ey-	-5.81	0.75	2690	2152	7.29	-4.88	0.69	64.65	100.54	38.99	SI
2 Piso	P37	Bottom	B245-Ey-	-14.92	0.75	2690	2152	-0.81	2.76	0.14	78.75	125.03	47.25	SI
2 Piso	P37	Top	B246-Wx+	-5.39	0.75	2690	2152	6.72	-2.95	1.06	51.98	82.52	30.82	SI
2 Piso	P37	Bottom	B246-Wx+	-12.87	0.75	2690	2152	0.65	0.66	0.46	70.86	113.79	42.51	SI
2 Piso	P37	Top	B246-Wx-	-5.39	0.75	2690	2152	6.72	2.95	1.06	51.98	82.52	30.82	SI
2 Piso	P37	Bottom	B246-Wx-	-12.87	0.75	2690	2152	0.65	0.66	0.46	70.86	113.79	42.51	SI
2 Piso	P37	Top	B246-Wy+	-5.39	0.75	2690	2152	6.72	-2.95	1.06	51.98	82.52	30.82	SI
2 Piso	P37	Bottom	B246-Wy+	-12.87	0.75	2690	2152	0.65	0.66	0.46	70.86	113.79	42.51	SI
2 Piso	P37	Top	B246-Wy-	-5.39	0.75	2690	2152	6.72	-2.95	1.06	51.98	82.52	30.82	SI
2 Piso	P37	Bottom	B246-Wy-	-12.87	0.75	2690	2152	0.65	0.66	0.46	70.86	113.79	42.51	SI
2 Piso	P37	Top	B247-Ex+	-3.82	0.75	2690	2152	2.55	1.31	0.41	54.03	87.00	32.42	SI
2 Piso	P37	Bottom	B247-Ex+	-18.08	0.75	2690	2152	5.76	5.63	0.43	72.18	115.58	43.41	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Avv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P37	Top	B247 Ex-	-4.68	0.75	2690	2152	8.01	-0.47	0.58	64.92	100.89	38.89	SI
2 Piso	P37	Bottom	B247-Ex-	-8.54	0.75	2690	2152	-4.70	-3.71	0.68	65.51	100.16	39.31	SI
2 Piso	P37	Top	B247-Ey+	-4.28	0.75	2690	2152	5.08	-2.09	1.13	61.08	82.52	30.65	SI
2 Piso	P37	Bottom	B247-Ey+	-12.45	0.75	2690	2152	0.75	0.85	0.54	68.15	109.11	40.89	SI
2 Piso	P37	Top	B247-Ey-	-4.31	0.75	2690	2152	5.47	-2.06	0.81	56.83	82.35	33.88	SI
2 Piso	P37	Bottom	B247-Ey-	-10.07	0.75	2690	2152	-0.59	1.28	0.10	77.33	125.03	46.52	SI
2 Piso	P37	Top	B242 G	-7.27	0.75	2690	2152	6.84	-5.46	0.75	59.85	96.74	35.91	SI
2 Piso	P37	Bottom	B242 G	-18.53	0.75	2690	2152	0.14	2.75	0.02	79.66	125.03	47.79	SI
2 Piso	P37	Top	B243-Wx- G	-10.55	0.75	2690	2152	13.92	-5.12	1.23	52.67	82.52	31.60	SI
2 Piso	P37	Bottom	B243-Wx- G	-21.37	0.75	2690	2152	2.20	-0.07	15.27	55.35	82.52	33.21	SI
2 Piso	P37	Top	B243-Wy- G	-10.65	0.75	2690	2152	13.52	-5.12	1.23	52.67	82.52	31.60	SI
2 Piso	P37	Bottom	B243-Wy- G	-21.17	0.75	2690	2152	2.20	-0.07	15.27	55.35	82.52	33.21	SI
2 Piso	P37	Top	B243-Wx+ G	-10.65	0.75	2690	2152	13.52	-5.12	1.23	52.67	82.52	31.60	SI
2 Piso	P37	Bottom	B243-Wx+ G	-21.37	0.75	2690	2152	2.20	-0.07	15.27	55.35	82.52	33.21	SI
2 Piso	P37	Top	B243-Wy+ G	-10.65	0.75	2690	2152	13.52	-5.12	1.23	52.67	82.52	31.60	SI
2 Piso	P37	Bottom	B243-Wy+ G	-21.37	0.75	2690	2152	2.20	-0.07	15.27	55.35	82.52	33.21	SI
2 Piso	P37	Top	B244 Wx- G	-8.26	0.75	2690	2152	10.28	-5.25	0.91	55.00	87.69	33.00	SI
2 Piso	P37	Bottom	B244-Wx- G	-19.29	0.75	2690	2152	0.65	1.76	0.17	79.64	125.03	47.90	SI
2 Piso	P37	Top	B244-Wx+ G	-8.26	0.75	2690	2152	10.28	-5.25	0.91	55.00	87.69	33.00	SI
2 Piso	P37	Bottom	B244-Wx+ G	-19.29	0.75	2690	2152	0.65	1.76	0.17	79.64	125.03	47.90	SI
2 Piso	P37	Top	B244-Wy- G	-8.28	0.75	2690	2152	10.28	-5.25	0.91	55.00	87.69	33.00	SI
2 Piso	P37	Bottom	B244-Wy- G	-19.29	0.75	2690	2152	0.65	1.76	0.17	79.64	125.03	47.90	SI
2 Piso	P37	Top	B244-Wy+ G	-8.26	0.75	2690	2152	10.28	-5.25	0.91	55.00	87.69	33.00	SI
2 Piso	P37	Bottom	B244-Wy+ G	-19.29	0.75	2690	2152	0.65	1.76	0.17	79.64	125.03	47.90	SI
2 Piso	P38	Top	B241	-1.01	0.47	1570	1256	0.02	-0.50	0.03	47.18	78.18	28.30	SI
2 Piso	P38	Bottom	B241	-5.88	0.47	1570	1256	-1.16	-0.84	1.16	32.74	51.80	19.65	SI
2 Piso	P38	Top	B242 Loub	-0.87	0.47	1570	1256	0.01	-0.72	0.02	47.13	78.18	28.20	SI
2 Piso	P38	Bottom	B242 Loub	-4.90	0.47	1570	1256	-1.28	-0.66	1.54	32.51	51.80	19.51	SI
2 Piso	P38	Top	B243-Wx+ Loub	-1.08	0.47	1570	1256	-0.07	-0.32	0.17	47.18	78.18	28.31	SI
2 Piso	P38	Bottom	B243-Wx+ Loub	-5.46	0.47	1570	1256	-1.08	-0.59	1.45	32.64	51.80	19.58	SI
2 Piso	P38	Top	B243-Wx- Loub	-1.08	0.47	1570	1256	-0.07	-0.32	0.17	47.18	78.18	28.31	SI
2 Piso	P38	Bottom	B243-Wx- Loub	-5.46	0.47	1570	1256	-1.08	-0.59	1.45	32.64	51.80	19.58	SI
2 Piso	P38	Top	B243-Wy+ Loub	-1.08	0.47	1570	1256	-0.07	-0.32	0.17	47.18	78.18	28.31	SI
2 Piso	P38	Bottom	B243-Wy+ Loub	-5.46	0.47	1570	1256	-1.08	-0.59	1.45	32.64	51.80	19.58	SI
2 Piso	P38	Top	B243-Wy- Loub	-1.08	0.47	1570	1256	-0.07	-0.32	0.17	47.18	78.18	28.31	SI
2 Piso	P38	Bottom	B243-Wy- Loub	-5.46	0.47	1570	1256	-1.08	-0.59	1.45	32.64	51.80	19.58	SI
2 Piso	P38	Top	B244-Wx+ Loub	-1.01	0.47	1570	1256	-0.06	-0.55	0.06	47.18	78.18	28.30	SI
2 Piso	P38	Bottom	B244-Wx+ Loub	-5.25	0.47	1570	1256	-1.22	-0.66	1.50	32.58	51.80	19.55	SI
2 Piso	P38	Top	B244-Wx- Loub	-1.01	0.47	1570	1256	-0.04	-0.56	0.06	47.16	78.18	28.30	SI
2 Piso	P38	Bottom	B244-Wx- Loub	-5.25	0.47	1570	1256	-1.22	-0.66	1.50	32.58	51.80	19.55	SI
2 Piso	P38	Top	B244-Wy+ Loub	-1.01	0.47	1570	1256	-0.04	-0.56	0.06	47.16	78.18	28.30	SI
2 Piso	P38	Bottom	B244-Wy+ Loub	-5.25	0.47	1570	1256	-1.22	-0.66	1.50	32.58	51.80	19.55	SI
2 Piso	P38	Top	B244-Wy- Loub	-1.01	0.47	1570	1256	-0.04	-0.56	0.06	47.16	78.18	28.30	SI
2 Piso	P38	Bottom	B244-Wy- Loub	-5.25	0.47	1570	1256	-1.22	-0.66	1.50	32.58	51.80	19.55	SI
2 Piso	P38	Top	B245-Ex+	-0.95	0.47	1570	1256	-0.12	-0.18	0.95	40.60	67.91	24.41	SI
2 Piso	P38	Bottom	B245 Ex+	-4.16	0.47	1570	1256	-1.26	-1.17	0.88	35.23	56.76	21.14	SI
2 Piso	P38	Top	B245 Ex-	-0.72	0.47	1570	1256	0.18	-0.08	0.13	47.09	78.18	28.25	SI
2 Piso	P38	Bottom	B245-Ex-	-5.70	0.47	1570	1256	-1.08	-0.05	18.60	32.70	51.80	19.62	SI
2 Piso	P38	Top	B245-Ey+	-1.13	0.47	1570	1256	-0.09	0.38	0.19	47.16	78.18	28.32	SI
2 Piso	P38	Bottom	B245-Ey+	-5.20	0.47	1570	1256	-1.10	0.14	8.23	32.82	51.80	19.69	SI
2 Piso	P38	Top	B245-Ey-	-0.54	0.47	1570	1256	0.15	-0.87	0.13	47.05	78.18	28.23	SI
2 Piso	P38	Bottom	B245-Ey-	-3.66	0.47	1570	1256	-1.21	-1.06	0.89	34.99	56.44	20.66	SI
2 Piso	P38	Top	B246-Wx+	-0.78	0.47	1570	1256	-0.03	-0.28	0.10	47.10	78.18	28.26	SI
2 Piso	P38	Bottom	B246-Wx+	-4.00	0.47	1570	1256	-0.80	-0.43	1.46	32.27	51.80	19.36	SI
2 Piso	P38	Top	B246-Wx-	-0.78	0.47	1570	1256	-0.03	0.26	0.10	47.10	78.18	28.26	SI
2 Piso	P38	Bottom	B246-Wx-	-4.00	0.47	1570	1256	-0.80	-0.43	1.46	32.27	51.80	19.36	SI
2 Piso	P38	Top	B246-Wy+	-0.78	0.47	1570	1256	-0.03	-0.28	0.10	47.10	78.18	28.26	SI
2 Piso	P38	Bottom	B246-Wy+	-4.00	0.47	1570	1256	-0.80	-0.43	1.46	32.27	51.80	19.36	SI
2 Piso	P38	Top	B246-Wy-	-0.78	0.47	1570	1256	-0.03	0.26	0.10	47.10	78.18	28.26	SI
2 Piso	P38	Bottom	B246-Wy-	-4.00	0.47	1570	1256	-0.80	-0.43	1.46	32.27	51.80	19.36	SI
2 Piso	P38	Top	B247-Ex+	-0.77	0.47	1570	1256	-0.14	-0.13	0.88	34.25	56.52	20.55	SI
2 Piso	P38	Bottom	B247-Ex+	-3.01	0.47	1570	1256	-0.85	-0.97	0.70	38.16	62.45	22.89	SI
2 Piso	P38	Top	B247-Ex-	-0.50	0.47	1570	1256	0.18	-0.77	0.17	47.04	78.18	28.23	SI
2 Piso	P38	Bottom	B247 Ex-	-4.54	0.47	1570	1256	-0.67	0.15	3.57	32.41	51.80	19.45	SI
2 Piso	P38	Top	B247-Ey+	-0.94	0.47	1570	1256	-0.11	-0.07	1.13	31.51	51.80	18.91	SI
2 Piso	P38	Bottom	B247-Ey+	-5.04	0.47	1570	1256	-0.72	0.08	10.24	32.53	51.80	19.52	SI
2 Piso	P38	Top	B247-Ey-	-0.36	0.47	1570	1256	0.13	-0.57	0.16	47.00	78.18	28.20	SI
2 Piso	P38	Bottom	B247-Ey-	-2.51	0.47	1570	1256	-0.80	-0.87	0.72	37.49	61.80	22.50	SI
2 Piso	P38	Top	B242 G	-0.07	0.47	1570	1256	-0.02	-0.69	0.03	47.15	78.18	28.29	SI
2 Piso	P38	Bottom	B242 G	-5.14	0.47	1570	1256	1.21	-0.68	1.50	32.56	51.80	19.54	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amu (cm²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P38	Top	B243-Wx- G	-1.39	0.47	1570	1256	-0.19	-0.10	0.85	34.00	56.88	20.76	SI
2 Piso	P38	Bottom	B243-Wy- G	6.03	0.47	1570	1256	1.18	-0.66	1.42	32.78	51.60	19.67	SI
2 Piso	P38	Top	B243-Wy- G	-1.38	0.47	1570	1256	-0.19	-0.18	0.85	34.00	56.88	20.76	SI
2 Piso	P38	Bottom	B243 Wy- G	-6.03	0.47	1570	1256	-1.18	0.66	1.42	32.78	51.60	19.67	SI
2 Piso	P38	Top	B243-Wx+ G	-1.39	0.47	1570	1256	-0.19	-0.18	0.85	34.00	56.88	20.76	SI
2 Piso	P38	Bottom	B243-Wx+ G	-6.03	0.47	1570	1256	-1.18	-0.66	1.42	32.78	51.60	19.67	SI
2 Piso	P38	Top	B243-Wy+ G	-1.39	0.47	1570	1256	-0.19	-0.18	0.85	34.00	56.88	20.76	SI
2 Piso	P38	Bottom	B243-Wy+ G	-6.03	0.47	1570	1256	-1.18	-0.66	1.42	32.78	51.60	19.67	SI
2 Piso	P38	Top	B244-Wx- G	-1.10	0.47	1570	1256	-0.09	0.50	0.12	47.19	78.18	28.31	SI
2 Piso	P38	Bottom	B244 Wx- G	-5.43	0.47	1570	1256	-1.25	-0.67	1.49	32.63	51.60	19.58	SI
2 Piso	P38	Top	B244-Wx+ G	-1.10	0.47	1570	1256	-0.09	-0.50	0.12	47.19	78.18	28.31	SI
2 Piso	P38	Bottom	B244-Wx+ G	-5.43	0.47	1570	1256	-1.25	-0.67	1.49	32.63	51.60	19.58	SI
2 Piso	P38	Top	B244-Wy- G	-1.10	0.47	1570	1256	-0.09	-0.50	0.12	47.19	78.18	28.31	SI
2 Piso	P38	Bottom	B244-Wy- G	-5.43	0.47	1570	1256	-1.25	-0.67	1.49	32.63	51.60	19.58	SI
2 Piso	P38	Top	B244-Wy+ G	-1.10	0.47	1570	1256	-0.09	-0.50	0.12	47.19	78.18	28.31	SI
2 Piso	P38	Bottom	B244-Wy+ G	-5.43	0.47	1570	1256	-1.25	-0.67	1.49	32.63	51.60	19.58	SI
2 Piso	P39	Top	B241	-2.71	0.61	2040	1632	-1.08	0.11	1.09	41.31	67.05	24.79	SI
2 Piso	P39	Bottom	B241	-10.53	0.61	2040	1632	0.24	1.12	0.13	83.59	101.59	38.15	SI
2 Piso	P39	Top	B242 Loub	2.52	0.61	2040	1632	-1.89	1.19	1.00	41.27	67.05	24.78	SI
2 Piso	P39	Bottom	B242 Loub	-6.08	0.61	2040	1632	0.33	1.19	0.17	63.38	101.59	38.03	SI
2 Piso	P38	Top	B243-Wx+ Loub	-2.88	0.61	2040	1632	-2.37	1.27	1.14	41.38	67.05	24.83	SI
2 Piso	P38	Bottom	B243-Wx+ Loub	-10.19	0.61	2040	1632	0.18	1.19	0.08	83.50	101.59	38.10	SI
2 Piso	P39	Top	B243-Wx- Loub	-2.88	0.61	2040	1632	-2.37	1.27	1.14	41.38	67.05	24.83	SI
2 Piso	P39	Bottom	B243-Wx- Loub	-10.19	0.61	2040	1632	0.18	1.19	0.08	83.50	101.59	38.10	SI
2 Piso	P38	Top	B243-Wy+ Loub	-2.88	0.61	2040	1632	-2.37	1.27	1.14	41.38	67.05	24.83	SI
2 Piso	P38	Bottom	B243-Wy+ Loub	-10.19	0.61	2040	1632	0.18	1.19	0.08	83.50	101.59	38.10	SI
2 Piso	P39	Top	B243-Wy- Loub	-2.88	0.61	2040	1632	-2.37	1.27	1.14	41.38	67.05	24.83	SI
2 Piso	P39	Bottom	B243-Wy- Loub	-10.19	0.61	2040	1632	0.18	1.19	0.08	83.50	101.59	38.10	SI
2 Piso	P39	Top	B244-Wx+ Loub	-2.85	0.61	2040	1632	-2.23	1.26	1.09	41.35	67.05	24.81	SI
2 Piso	P38	Bottom	B244-Wx+ Loub	-10.18	0.61	2040	1632	0.26	1.25	0.13	83.49	101.59	38.10	SI
2 Piso	P38	Top	B244-Wx- Loub	-2.85	0.61	2040	1632	-2.23	1.26	1.09	41.35	67.05	24.81	SI
2 Piso	P38	Bottom	B244-Wx- Loub	-10.18	0.61	2040	1632	0.26	1.25	0.13	83.49	101.59	38.10	SI
2 Piso	P39	Top	B244-Wy+ Loub	-2.85	0.61	2040	1632	-2.23	1.26	1.09	41.35	67.05	24.81	SI
2 Piso	P39	Bottom	B244-Wy+ Loub	-10.18	0.61	2040	1632	0.26	1.25	0.13	83.49	101.59	38.10	SI
2 Piso	P39	Top	B244-Wy- Loub	-2.85	0.61	2040	1632	-2.23	1.26	1.09	41.35	67.05	24.81	SI
2 Piso	P39	Bottom	B244-Wy- Loub	-10.18	0.61	2040	1632	0.26	1.25	0.13	83.49	101.59	38.10	SI
2 Piso	P39	Top	B245-Ex+	-2.29	0.61	2040	1632	-1.86	1.50	0.78	47.40	78.15	28.48	SI
2 Piso	P38	Bottom	B245-Ex+	-9.00	0.61	2040	1632	0.11	-0.39	0.24	83.22	101.59	37.83	SI
2 Piso	P38	Top	B245 Ex-	-2.42	0.61	2040	1632	-1.58	0.64	1.80	41.24	67.05	24.74	SI
2 Piso	P39	Bottom	B245-Ex-	-8.50	0.61	2040	1632	0.47	2.42	0.12	83.35	101.59	38.00	SI
2 Piso	P39	Top	B245-Ey+	-2.57	0.61	2040	1632	-1.90	1.04	1.11	41.28	67.05	24.77	SI
2 Piso	P38	Bottom	B245-Ey+	-9.75	0.61	2040	1632	0.32	1.84	0.15	83.38	101.59	38.04	SI
2 Piso	P38	Top	B245 Ey-	-2.14	0.61	2040	1632	-1.54	0.89	0.95	42.36	69.15	25.42	SI
2 Piso	P38	Bottom	B245-Ey-	-8.80	0.61	2040	1632	0.26	0.79	0.20	83.16	101.59	37.88	SI
2 Piso	P38	Top	B246-Wx+	-2.09	0.61	2040	1632	-1.63	0.88	1.13	41.16	67.05	24.69	SI
2 Piso	P38	Bottom	B246-Wx+	-7.38	0.61	2040	1632	0.13	0.84	0.10	82.80	101.59	37.88	SI
2 Piso	P39	Top	B246-Wx-	2.09	0.61	2040	1632	-1.62	0.88	1.13	41.16	67.05	24.69	SI
2 Piso	P39	Bottom	B246-Wx-	-7.38	0.61	2040	1632	0.13	0.84	0.10	82.80	101.59	37.68	SI
2 Piso	P39	Top	B246-Wy+	-2.09	0.61	2040	1632	-1.63	0.88	1.13	41.16	67.05	24.69	SI
2 Piso	P39	Bottom	B246-Wy+	-7.38	0.61	2040	1632	0.13	0.84	0.10	82.80	101.59	37.68	SI
2 Piso	P39	Top	B246-Wy-	-2.09	0.61	2040	1632	1.63	0.88	1.13	41.16	67.05	24.69	SI
2 Piso	P39	Bottom	B246-Wy-	-7.38	0.61	2040	1632	0.13	0.84	0.10	82.80	101.59	37.68	SI
2 Piso	P39	Top	B247-Ex+	-1.08	0.61	2040	1632	-1.41	1.19	0.73	48.31	79.08	29.89	SI
2 Piso	P39	Bottom	B247-Ex+	-6.56	0.61	2040	1632	-0.02	-0.63	0.02	82.58	101.59	37.58	SI
2 Piso	P39	Top	B247 Ex-	-1.80	0.61	2040	1632	-1.13	0.24	2.95	41.06	67.05	24.65	SI
2 Piso	P39	Bottom	B247 Ex-	-6.98	0.61	2040	1632	0.34	2.07	0.10	82.70	101.59	37.62	SI
2 Piso	P39	Top	B247-Ey+	-1.95	0.61	2040	1632	-1.45	0.74	1.20	41.12	67.05	24.67	SI
2 Piso	P39	Bottom	B247-Ey+	7.24	0.61	2040	1632	0.16	0.99	0.11	82.77	101.59	37.68	SI
2 Piso	P39	Top	B247-Ey-	-1.53	0.61	2040	1632	-1.09	0.69	0.98	41.66	68.17	24.89	SI
2 Piso	P39	Bottom	B247-Ey-	-6.30	0.61	2040	1632	0.19	0.44	0.18	82.53	101.59	37.52	SI
2 Piso	P39	Top	B242 G	-2.81	0.61	2040	1632	-2.18	1.27	1.09	41.34	67.05	24.76	SI
2 Piso	P39	Bottom	B242 G	-10.19	0.61	2040	1632	0.31	1.28	0.15	83.50	101.59	38.10	SI
2 Piso	P39	Top	B243-Wx- G	-3.88	0.61	2040	1632	-3.30	1.70	1.19	41.81	67.05	24.98	SI
2 Piso	P39	Bottom	B243-Wx- G	11.78	0.61	2040	1632	0.11	1.52	0.04	83.90	101.59	38.34	SI
2 Piso	P39	Top	B243-Wy- G	-3.88	0.61	2040	1632	-3.30	1.70	1.19	41.81	67.05	24.98	SI
2 Piso	P39	Bottom	B243-Wy- G	-11.78	0.61	2040	1632	0.11	1.52	0.04	83.90	101.59	38.34	SI
2 Piso	P39	Top	B243-Wx+ G	-3.88	0.61	2040	1632	-3.30	1.70	1.19	41.81	67.05	24.98	SI
2 Piso	P39	Bottom	B243-Wx+ G	-11.78	0.61	2040	1632	-0.11	-1.52	0.04	83.90	101.59	38.34	SI
2 Piso	P39	Top	B243-Wy+ G	-3.88	0.61	2040	1632	-3.30	1.70	1.19	41.81	67.05	24.98	SI
2 Piso	P39	Bottom	B243-Wy+ G	11.78	0.61	2040	1632	0.11	1.52	0.04	83.90	101.59	38.34	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P39	Top	B244-Wx- G	-3.13	0.61	2040	1632	-2.52	1.39	1.11	41.42	67.05	24.85	SI
2 Piso	P39	Bottom	B244-Wx- G	10.65	0.61	2040	1632	0.24	1.35	0.11	83.62	101.59	38.17	SI
2 Piso	P39	Top	B244-Wx+ G	-3.13	0.61	2040	1632	-2.52	1.39	1.11	41.42	67.05	24.85	SI
2 Piso	P39	Bottom	B244-Wx+ G	-10.65	0.61	2040	1632	0.24	1.35	0.11	83.62	101.59	38.17	SI
2 Piso	P39	Top	B244-Wy- G	-3.13	0.61	2040	1632	-2.52	1.39	1.11	41.42	67.05	24.85	SI
2 Piso	P39	Bottom	B244-Wy- G	-10.65	0.61	2040	1632	0.24	1.35	0.11	83.62	101.59	38.17	SI
2 Piso	P39	Top	B244-Wy+ G	-3.13	0.61	2040	1632	-2.52	1.39	1.11	41.42	67.05	24.85	SI
2 Piso	P39	Bottom	B244-Wy+ G	-10.65	0.61	2040	1632	0.24	1.35	0.11	83.62	101.59	38.17	SI
2 Piso	P40	Top	B241	-4.21	0.61	2040	1632	-3.85	1.81	1.07	41.88	67.05	25.01	SI
2 Piso	P40	Bottom	B241	-11.19	0.61	2040	1632	0.14	1.11	0.06	83.75	101.59	38.25	SI
2 Piso	P40	Top	B242 Loub	-3.89	0.61	2040	1632	-3.01	1.74	1.06	41.82	67.05	24.97	SI
2 Piso	P40	Bottom	B242 Loub	-10.39	0.61	2040	1632	0.15	1.02	0.09	83.65	101.59	38.13	SI
2 Piso	P40	Top	B243-Wx+ Loub	-4.75	0.61	2040	1632	-3.75	2.12	1.09	41.92	67.05	25.09	SI
2 Piso	P40	Bottom	B243-Wx+ Loub	-10.80	0.61	2040	1632	0.05	1.20	0.03	83.85	101.59	38.19	SI
2 Piso	P40	Top	B243-Wx- Loub	-4.75	0.61	2040	1632	-3.75	2.12	1.09	41.92	67.05	25.09	SI
2 Piso	P40	Bottom	B243-Wx- Loub	-10.80	0.61	2040	1632	0.05	1.20	0.03	83.85	101.59	38.19	SI
2 Piso	P40	Top	B243-Wy+ Loub	-4.75	0.61	2040	1632	-3.75	2.12	1.09	41.92	67.05	25.09	SI
2 Piso	P40	Bottom	B243-Wy+ Loub	-10.80	0.61	2040	1632	0.05	1.20	0.03	83.85	101.59	38.19	SI
2 Piso	P40	Top	B243-Wy- Loub	-4.75	0.61	2040	1632	-3.75	2.12	1.09	41.92	67.05	25.09	SI
2 Piso	P40	Bottom	B243-Wy- Loub	-10.80	0.61	2040	1632	0.05	1.20	0.03	83.85	101.59	38.19	SI
2 Piso	P40	Top	B244-Wx+ Loub	-4.51	0.61	2040	1632	-3.54	2.02	1.07	41.78	67.05	25.06	SI
2 Piso	P40	Bottom	B244-Wx+ Loub	-10.83	0.61	2040	1632	0.10	1.15	0.05	83.80	101.59	38.20	SI
2 Piso	P40	Top	B244-Wx- Loub	-4.51	0.61	2040	1632	-3.54	2.02	1.07	41.78	67.05	25.06	SI
2 Piso	P40	Bottom	B244-Wx- Loub	-10.83	0.61	2040	1632	0.10	1.15	0.05	83.80	101.59	38.20	SI
2 Piso	P40	Top	B244-Wy+ Loub	-4.51	0.61	2040	1632	-3.54	2.02	1.07	41.78	67.05	25.06	SI
2 Piso	P40	Bottom	B244-Wy+ Loub	-10.83	0.61	2040	1632	0.10	1.15	0.05	83.80	101.59	38.20	SI
2 Piso	P40	Top	B244-Wy- Loub	-4.51	0.61	2040	1632	-3.54	2.02	1.07	41.78	67.05	25.06	SI
2 Piso	P40	Bottom	B244-Wy- Loub	-10.83	0.61	2040	1632	0.10	1.15	0.05	83.80	101.59	38.20	SI
2 Piso	P40	Top	B245-Ex+	-3.69	0.61	2040	1632	-2.96	2.50	0.91	44.03	71.42	26.42	SI
2 Piso	P40	Bottom	B245-Ex+	-9.82	0.61	2040	1632	-0.16	-0.42	0.23	83.44	101.59	38.06	SI
2 Piso	P40	Top	B245-Ex-	-3.58	0.61	2040	1632	-2.54	1.18	1.07	41.53	67.05	24.92	SI
2 Piso	P40	Bottom	B245-Ex-	-9.90	0.61	2040	1632	0.45	2.34	0.42	83.43	101.59	38.06	SI
2 Piso	P40	Top	B245-Ey+	-3.96	0.61	2040	1632	-2.99	1.70	1.08	41.63	67.05	24.98	SI
2 Piso	P40	Bottom	B245-Ey+	-10.17	0.61	2040	1632	0.22	1.21	0.11	83.50	101.59	38.10	SI
2 Piso	P40	Top	B245-Ey-	-3.22	0.61	2040	1632	-2.51	1.48	1.04	41.47	67.05	24.88	SI
2 Piso	P40	Bottom	B245-Ey-	8.68	0.61	2040	1632	0.07	0.70	0.06	83.37	101.59	38.02	SI
2 Piso	P40	Top	B246-Wx+	-3.30	0.61	2040	1632	-2.58	1.46	1.08	41.48	67.05	24.89	SI
2 Piso	P40	Bottom	B246-Wx+	-7.89	0.61	2040	1632	0.05	0.86	0.04	82.91	101.59	37.75	SI
2 Piso	P40	Top	B246-Wx-	-3.30	0.61	2040	1632	2.58	1.46	1.09	41.48	67.05	24.89	SI
2 Piso	P40	Bottom	B246-Wx-	7.89	0.61	2040	1632	0.05	0.86	0.04	82.91	101.59	37.75	SI
2 Piso	P40	Top	B246-Wy+	-3.30	0.61	2040	1632	-2.58	1.46	1.08	41.48	67.05	24.89	SI
2 Piso	P40	Bottom	B246-Wy+	-7.89	0.61	2040	1632	0.05	0.86	0.04	82.91	101.59	37.75	SI
2 Piso	P40	Top	B246-Wy-	-3.30	0.61	2040	1632	2.58	1.46	1.08	41.48	67.05	24.89	SI
2 Piso	P40	Bottom	B246-Wy-	-7.89	0.61	2040	1632	0.05	0.86	0.04	82.91	101.59	37.75	SI
2 Piso	P40	Top	B247-Ex+	-2.75	0.61	2040	1632	-2.24	1.57	0.87	44.89	73.00	28.87	SI
2 Piso	P40	Bottom	B247-Ex+	-7.21	0.61	2040	1632	-0.22	-0.67	0.20	82.76	101.59	37.65	SI
2 Piso	P40	Top	B247-Ex-	-2.66	0.61	2040	1632	-1.82	0.78	1.48	41.30	67.05	24.78	SI
2 Piso	P40	Bottom	B247-Ex-	-7.16	0.61	2040	1632	0.39	2.09	0.19	82.75	101.59	37.65	SI
2 Piso	P40	Top	B247-Ey+	-3.09	0.61	2040	1632	-2.27	1.28	1.09	41.39	67.05	24.84	SI
2 Piso	P40	Bottom	B247-Ey+	-7.45	0.61	2040	1632	0.17	0.97	0.10	82.82	101.59	37.69	SI
2 Piso	P40	Top	B247-Ey-	-2.38	0.61	2040	1632	-1.79	1.06	1.04	41.23	67.05	24.74	SI
2 Piso	P40	Bottom	B247-Ey-	-6.54	0.61	2040	1632	0.01	0.46	0.02	82.69	101.59	37.61	SI
2 Piso	P40	Top	B242 G	-4.41	0.61	2040	1632	-3.46	1.98	1.07	41.74	67.05	25.04	SI
2 Piso	P40	Bottom	B242 G	-10.80	0.61	2040	1632	0.12	1.12	0.07	83.68	101.59	38.21	SI
2 Piso	P40	Top	B243-Wx- G	-8.31	0.61	2040	1632	-5.17	2.89	1.10	42.21	67.05	25.33	SI
2 Piso	P40	Bottom	B243-Wx- G	-12.45	0.61	2040	1632	-0.04	1.66	0.01	84.07	101.59	38.44	SI
2 Piso	P40	Top	B243-Wy- G	-8.31	0.61	2040	1632	-5.17	2.89	1.10	42.21	67.05	25.33	SI
2 Piso	P40	Bottom	B243-Wy- G	-12.45	0.61	2040	1632	-0.04	1.66	0.01	84.07	101.59	38.44	SI
2 Piso	P40	Top	B243-Wx+ G	-8.31	0.61	2040	1632	-5.17	2.89	1.10	42.21	67.05	25.33	SI
2 Piso	P40	Bottom	B243-Wx+ G	-12.45	0.61	2040	1632	-0.04	1.66	0.01	84.07	101.59	38.44	SI
2 Piso	P40	Top	B243-Wy+ G	-8.31	0.61	2040	1632	-5.17	2.89	1.10	42.21	67.05	25.33	SI
2 Piso	P40	Bottom	B243-Wy+ G	-12.45	0.61	2040	1632	-0.04	1.66	0.01	84.07	101.59	38.44	SI
2 Piso	P40	Top	B244 Wx- G	-4.99	0.61	2040	1632	-3.98	2.26	1.06	41.88	67.05	25.12	SI
2 Piso	P40	Bottom	B244 Wx- G	-11.34	0.61	2040	1632	0.07	1.25	0.03	83.79	101.59	38.27	SI
2 Piso	P40	Top	B244-Wx+ G	-4.89	0.61	2040	1632	-3.88	2.25	1.06	41.88	67.05	25.13	SI
2 Piso	P40	Bottom	B244-Wx+ G	-11.34	0.61	2040	1632	0.07	1.25	0.03	83.79	101.59	38.27	SI
2 Piso	P40	Top	B244-Wy- G	-4.99	0.61	2040	1632	-3.98	2.26	1.06	41.88	67.05	25.13	SI
2 Piso	P40	Bottom	B244-Wy- G	-11.34	0.61	2040	1632	0.07	1.25	0.03	83.79	101.59	38.27	SI
2 Piso	P40	Top	B244 Wy+ G	-4.99	0.61	2040	1632	-3.98	2.26	1.06	41.88	67.05	25.13	SI
2 Piso	P40	Bottom	B244 Wy+ G	-11.34	0.61	2040	1632	0.07	1.25	0.03	83.79	101.59	38.27	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Asmv (m²)	Lm (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P41	Top	B241	-5.48	0.62	2050	1640	-3.35	1.66	2.31	42.21	67.38	25.32	SI
2 Piso	P41	Bottom	B241	-10.17	0.62	2050	1640	0.80	1.10	0.45	56.08	99.41	34.85	SI
2 Piso	P41	Top	B242-Lcub	-5.09	0.62	2050	1640	3.18	1.45	1.33	42.11	67.38	25.27	SI
2 Piso	P41	Bottom	B242-Lcub	-9.42	0.62	2050	1640	0.67	0.87	0.42	58.53	84.52	35.12	SI
2 Piso	P41	Top	B243-Wx+ Lcub	-6.31	0.62	2050	1640	-4.02	1.80	1.36	42.41	67.38	25.45	SI
2 Piso	P41	Bottom	B243-Wx+ Lcub	-10.01	0.62	2050	1640	0.61	1.16	0.32	61.38	99.31	36.83	SI
2 Piso	P41	Top	B243-Wx- Lcub	-6.31	0.62	2050	1640	-4.02	1.80	1.36	42.41	67.38	25.45	SI
2 Piso	P41	Bottom	B243-Wx- Lcub	-10.01	0.62	2050	1640	0.61	1.16	0.32	61.38	99.31	36.83	SI
2 Piso	P41	Top	B243-Wy+ Lcub	-6.31	0.62	2050	1640	-4.02	1.80	1.36	42.41	67.38	25.45	SI
2 Piso	P41	Bottom	B243-Wy+ Lcub	-10.01	0.62	2050	1640	0.61	1.16	0.32	61.38	99.31	36.83	SI
2 Piso	P41	Top	B243-Wy- Lcub	-6.31	0.62	2050	1640	-4.02	1.80	1.36	42.41	67.38	25.45	SI
2 Piso	P41	Bottom	B243-Wy- Lcub	-10.01	0.62	2050	1640	0.61	1.16	0.32	61.38	99.31	36.83	SI
2 Piso	P41	Top	B244-Wx+ Lcub	-5.93	0.62	2050	1640	-3.76	1.70	1.35	42.32	67.38	25.39	SI
2 Piso	P41	Bottom	B244-Wx+ Lcub	-9.95	0.62	2050	1640	0.63	1.09	0.35	60.56	97.80	36.33	SI
2 Piso	P41	Top	B244-Wx- Lcub	-5.93	0.62	2050	1640	-3.76	1.70	1.35	42.32	67.38	25.39	SI
2 Piso	P41	Bottom	B244-Wx- Lcub	-9.95	0.62	2050	1640	0.63	1.09	0.35	60.56	97.80	36.33	SI
2 Piso	P41	Top	B244-Wy+ Lcub	-5.93	0.62	2050	1640	-3.76	1.70	1.35	42.32	67.38	25.39	SI
2 Piso	P41	Bottom	B244-Wy+ Lcub	-9.95	0.62	2050	1640	0.63	1.09	0.35	60.56	97.80	36.33	SI
2 Piso	P41	Top	B244-Wy- Lcub	-5.93	0.62	2050	1640	-3.76	1.70	1.35	42.32	67.38	25.39	SI
2 Piso	P41	Bottom	B244-Wy- Lcub	-9.95	0.62	2050	1640	0.63	1.09	0.35	60.56	97.80	36.33	SI
2 Piso	P41	Top	B245-Ex+	-4.80	0.62	2050	1640	-3.08	1.79	1.05	42.04	67.38	25.22	SI
2 Piso	P41	Bottom	B245-Ex+	-9.01	0.62	2050	1640	0.34	0.50	0.41	58.78	95.11	35.26	SI
2 Piso	P41	Top	B245-Ex-	-4.62	0.62	2050	1640	-2.72	0.90	1.86	41.89	67.38	25.14	SI
2 Piso	P41	Bottom	B245-Ex-	-8.83	0.62	2050	1640	1.04	2.35	0.27	62.48	101.73	37.48	SI
2 Piso	P41	Top	B245-Ey+	-4.97	0.62	2050	1640	3.05	1.41	1.32	42.06	67.38	25.25	SI
2 Piso	P41	Bottom	B245-Ey+	-8.21	0.62	2050	1640	0.78	1.14	0.42	58.61	94.70	35.17	SI
2 Piso	P41	Top	B245-Ey-	-4.45	0.62	2050	1640	-2.73	1.28	1.30	41.95	67.38	25.17	SI
2 Piso	P41	Bottom	B245-Ey-	-8.73	0.62	2050	1640	0.59	0.79	0.51	56.00	90.35	33.60	SI
2 Piso	P41	Top	B246-Wx-	-4.37	0.62	2050	1640	-2.76	1.25	1.35	41.93	67.38	25.16	SI
2 Piso	P41	Bottom	B246-Wx+	-7.22	0.62	2050	1640	0.47	0.82	0.35	59.03	97.79	35.90	SI
2 Piso	P41	Top	B246-Wx+	-4.37	0.62	2050	1640	-2.76	1.25	1.35	41.93	67.38	25.16	SI
2 Piso	P41	Bottom	B246-Wx-	-7.22	0.62	2050	1640	0.47	0.82	0.35	59.03	97.79	35.90	SI
2 Piso	P41	Top	B246-Wy+	-4.37	0.62	2050	1640	-2.76	1.25	1.35	41.93	67.38	25.16	SI
2 Piso	P41	Bottom	B246-Wy+	-7.22	0.62	2050	1640	0.47	0.82	0.35	59.03	97.79	35.90	SI
2 Piso	P41	Top	B246-Wy-	-4.37	0.62	2050	1640	-2.76	1.25	1.35	41.93	67.38	25.16	SI
2 Piso	P41	Bottom	B246-Wy-	-7.22	0.62	2050	1640	0.47	0.82	0.35	59.03	97.79	35.90	SI
2 Piso	P41	Top	B247-Ex+	-3.81	0.62	2050	1640	-2.33	1.45	0.88	42.20	68.19	25.32	SI
2 Piso	P41	Bottom	B247-Ex+	-8.58	0.62	2050	1640	0.17	0.72	0.74	62.90	102.09	37.74	SI
2 Piso	P41	Top	B247-Ex-	-3.43	0.62	2050	1640	-1.98	0.56	2.18	41.69	67.38	25.02	SI
2 Piso	P41	Bottom	B247-Ex-	-8.50	0.62	2050	1640	0.66	2.13	0.25	62.80	102.09	37.73	SI
2 Piso	P41	Top	B247-Ey+	-3.76	0.62	2050	1640	-2.37	1.06	1.33	41.78	67.38	25.07	SI
2 Piso	P41	Bottom	B247-Ey+	-8.78	0.62	2050	1640	0.61	0.92	0.40	58.38	85.41	35.03	SI
2 Piso	P41	Top	B247-Ey-	-3.26	0.62	2050	1640	-1.99	0.14	1.30	41.65	67.38	24.99	SI
2 Piso	P41	Bottom	B247-Ey-	-8.29	0.62	2050	1640	0.42	0.40	0.50	54.97	89.61	32.98	SI
2 Piso	P41	Top	B242 G	-5.78	0.62	2050	1640	-3.65	1.66	1.35	42.28	67.38	25.37	SI
2 Piso	P41	Bottom	B242 G	-9.97	0.62	2050	1640	0.83	1.00	0.37	60.17	97.18	36.10	SI
2 Piso	P41	Top	B243-Wx- G	-8.51	0.62	2050	1640	-5.58	2.44	1.39	42.96	67.38	25.78	SI
2 Piso	P41	Bottom	B243-Wx- G	-11.77	0.62	2050	1640	0.50	1.45	0.21	64.20	102.09	38.52	SI
2 Piso	P41	Top	B243-Wy- G	-8.51	0.62	2050	1640	-5.58	2.44	1.39	42.96	67.38	25.78	SI
2 Piso	P41	Bottom	B243-Wy- G	11.77	0.62	2050	1640	0.50	1.45	0.21	64.20	102.09	38.52	SI
2 Piso	P41	Top	B243-Wx+ G	-8.51	0.62	2050	1640	-5.58	2.44	1.39	42.96	67.38	25.78	SI
2 Piso	P41	Bottom	B243-Wx+ G	-11.77	0.62	2050	1640	0.50	1.45	0.21	64.20	102.09	38.52	SI
2 Piso	P41	Top	B243-Wy+ G	-8.51	0.62	2050	1640	-5.58	2.44	1.39	42.96	67.38	25.78	SI
2 Piso	P41	Bottom	B243-Wy+ G	-11.77	0.62	2050	1640	0.50	1.45	0.21	64.20	102.09	38.52	SI
2 Piso	P41	Top	B244-Wx- G	-6.62	0.62	2050	1640	-4.24	1.90	1.36	42.49	67.38	25.49	SI
2 Piso	P41	Bottom	B244-Wx- G	-10.50	0.62	2050	1640	0.59	1.18	0.31	61.89	98.98	37.13	SI
2 Piso	P41	Top	B244-Wx+ G	-6.62	0.62	2050	1640	-4.24	1.90	1.36	42.49	67.38	25.49	SI
2 Piso	P41	Bottom	B244-Wx+ G	-10.50	0.62	2050	1640	0.59	1.18	0.31	61.89	98.98	37.13	SI
2 Piso	P41	Top	B244-Wy- G	-6.62	0.62	2050	1640	-4.24	1.90	1.36	42.49	67.38	25.49	SI
2 Piso	P41	Bottom	B244-Wy- G	-10.50	0.62	2050	1640	0.59	1.18	0.31	61.89	98.98	37.13	SI
2 Piso	P41	Top	B244-Wy+ G	-6.62	0.62	2050	1640	-4.24	1.90	1.36	42.49	67.38	25.49	SI
2 Piso	P41	Bottom	B244-Wy+ G	-10.50	0.62	2050	1640	0.59	1.18	0.31	61.89	98.98	37.13	SI
2 Piso	P42	Top	B241	-5.87	0.58	1930	1544	-1.96	0.78	1.89	38.74	63.43	23.64	SI
2 Piso	P42	Bottom	B241	-10.66	0.58	1930	1544	-0.03	0.78	0.02	60.30	98.11	36.20	SI
2 Piso	P42	Top	B242 Lcub	-4.81	0.58	1930	1544	1.84	0.78	1.56	39.65	63.43	23.79	SI
2 Piso	P42	Bottom	B242 Lcub	8.78	0.58	1930	1544	-0.03	0.79	0.02	60.71	98.11	36.07	SI
2 Piso	P42	Top	B243-Wx+ Lcub	-5.92	0.58	1930	1544	-2.33	0.91	1.67	38.93	63.43	23.36	SI
2 Piso	P42	Bottom	B243-Wx+ Lcub	-10.35	0.58	1930	1544	-0.35	0.83	0.01	60.26	98.11	36.15	SI
2 Piso	P42	Top	B243-Wx- Lcub	-5.92	0.58	1930	1544	-2.33	0.91	1.67	38.93	63.43	23.36	SI
2 Piso	P42	Bottom	B243-Wx- Lcub	-10.35	0.58	1930	1544	-0.35	0.83	0.01	60.26	98.11	36.15	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P42	Top	B243-Wy+ Lcub	-5.92	0.56	1800	1544	-2.33	0.91	1.67	39.93	63.43	23.96	SI
2 Piso	P42	Bottom	B243-Wy+ Lcub	-10.35	0.56	1800	1544	-0.05	0.83	0.04	60.20	96.11	36.15	SI
2 Piso	P42	Top	B243-Wy- Lcub	-5.92	0.56	1800	1544	-2.33	0.91	1.67	39.93	63.43	23.96	SI
2 Piso	P42	Bottom	B243-Wy- Lcub	-10.35	0.56	1800	1544	-0.05	0.83	0.04	60.20	96.11	36.15	SI
2 Piso	P42	Top	B244-Wx+ Lcub	-5.58	0.56	1800	1544	-2.18	0.87	1.62	39.84	63.43	23.90	SI
2 Piso	P42	Bottom	B244-Wx+ Lcub	-10.27	0.56	1800	1544	-0.04	0.84	0.03	60.24	96.11	36.14	SI
2 Piso	P42	Top	B244-Wx- Lcub	-5.58	0.56	1800	1544	-2.18	0.87	1.62	39.84	63.43	23.90	SI
2 Piso	P42	Bottom	B244-Wx- Lcub	-10.27	0.56	1800	1544	-0.04	0.84	0.03	60.24	96.11	36.14	SI
2 Piso	P42	Top	B244-Wy+ Lcub	-5.58	0.56	1800	1544	-2.18	0.87	1.62	39.84	63.43	23.90	SI
2 Piso	P42	Bottom	B244-Wy+ Lcub	-10.27	0.56	1800	1544	-0.04	0.84	0.03	60.24	96.11	36.14	SI
2 Piso	P42	Top	B244-Wy- Lcub	-5.58	0.56	1800	1544	-2.18	0.87	1.62	39.84	63.43	23.90	SI
2 Piso	P42	Bottom	B244-Wy- Lcub	-10.27	0.56	1800	1544	-0.04	0.84	0.03	60.24	96.11	36.14	SI
2 Piso	P42	Top	B245-Ex+	-4.49	0.56	1800	1544	-1.76	0.73	1.56	39.57	63.43	23.74	SI
2 Piso	P42	Bottom	B245-Ex+	-10.16	0.56	1800	1544	0.17	-0.23	0.48	54.07	96.08	32.44	SI
2 Piso	P42	Top	B245-Ex-	-4.42	0.56	1800	1544	-1.81	0.66	1.59	38.55	63.43	23.72	SI
2 Piso	P42	Bottom	B245-Ex-	-8.55	0.56	1800	1544	-0.22	1.07	0.06	59.80	96.11	35.88	SI
2 Piso	P42	Top	B245-Ey+	-4.91	0.56	1800	1544	-1.87	0.80	1.52	39.67	63.43	23.80	SI
2 Piso	P42	Bottom	B245-Ey+	-9.76	0.56	1800	1544	0.03	0.60	0.03	60.11	96.11	36.06	SI
2 Piso	P42	Top	B245-Ey-	-4.00	0.56	1800	1544	-1.50	0.59	1.68	39.44	63.43	23.67	SI
2 Piso	P42	Bottom	B245-Ey-	-8.95	0.56	1800	1544	-0.07	0.82	0.05	59.81	96.11	35.94	SI
2 Piso	P42	Top	B246-Wx+	-4.11	0.56	1800	1544	-1.60	0.63	1.68	39.47	63.43	23.68	SI
2 Piso	P42	Bottom	B246-Wx+	-7.49	0.56	1800	1544	-0.03	0.59	0.03	59.54	96.11	35.72	SI
2 Piso	P42	Top	B246-Wx-	-4.11	0.56	1800	1544	-1.60	0.63	1.68	39.47	63.43	23.68	SI
2 Piso	P42	Bottom	B246-Wx-	-7.49	0.56	1800	1544	-0.03	0.59	0.03	59.54	96.11	35.72	SI
2 Piso	P42	Top	B246-Wy+	-4.11	0.56	1800	1544	-1.60	0.63	1.68	39.47	63.43	23.68	SI
2 Piso	P42	Bottom	B246-Wy+	-7.49	0.56	1800	1544	-0.03	0.59	0.03	59.54	96.11	35.72	SI
2 Piso	P42	Top	B246-Wy-	-4.11	0.56	1800	1544	-1.60	0.63	1.68	39.47	63.43	23.68	SI
2 Piso	P42	Bottom	B246-Wy-	-7.49	0.56	1800	1544	-0.03	0.59	0.03	59.54	96.11	35.72	SI
2 Piso	P42	Top	B247 Ex+	-3.30	0.56	1800	1544	-1.34	0.54	1.60	39.29	63.43	23.57	SI
2 Piso	P42	Bottom	B247 Ex+	-7.60	0.56	1800	1544	0.10	-0.45	0.26	56.96	96.34	35.58	SI
2 Piso	P42	Top	B247-Ex-	-3.29	0.56	1800	1544	-1.18	0.48	1.65	39.27	63.43	23.58	SI
2 Piso	P42	Bottom	B247-Ex-	-8.05	0.56	1800	1544	-0.21	1.45	0.09	58.19	96.11	35.57	SI
2 Piso	P42	Top	B247-Ey+	-3.78	0.56	1800	1544	-1.44	0.61	1.64	39.39	63.43	23.63	SI
2 Piso	P42	Bottom	B247-Ey+	-7.26	0.56	1800	1544	0.03	-0.38	0.06	59.46	96.52	35.69	SI
2 Piso	P42	Top	B247-Ey-	-2.81	0.56	1800	1544	-1.01	0.39	1.75	39.18	63.43	23.50	SI
2 Piso	P42	Bottom	B247-Ey-	-6.45	0.56	1800	1544	-0.07	0.82	0.07	59.28	96.11	35.57	SI
2 Piso	P42	Top	B242 G	-5.44	0.56	1800	1544	-2.12	0.87	1.59	39.81	63.43	23.88	SI
2 Piso	P42	Bottom	B242 G	-10.28	0.56	1800	1544	-0.04	0.86	0.03	60.24	96.11	36.14	SI
2 Piso	P42	Top	B243-Wx- G	-7.96	0.56	1800	1544	-3.23	1.23	1.70	40.44	63.43	24.26	SI
2 Piso	P42	Bottom	B243-Wx- G	-12.01	0.56	1800	1544	-0.06	1.06	0.05	60.67	96.11	36.40	SI
2 Piso	P42	Top	B243-Wy- G	-7.96	0.56	1800	1544	-3.23	1.23	1.70	40.44	63.43	24.26	SI
2 Piso	P42	Bottom	B243-Wy- G	-12.01	0.56	1800	1544	-0.06	1.06	0.05	60.67	96.11	36.40	SI
2 Piso	P42	Top	B243-Wx+ G	-7.96	0.56	1800	1544	-3.23	1.23	1.70	40.44	63.43	24.26	SI
2 Piso	P42	Bottom	B243-Wx+ G	-12.01	0.56	1800	1544	-0.06	1.06	0.05	60.67	96.11	36.40	SI
2 Piso	P42	Top	B243-Wy+ G	-7.96	0.56	1800	1544	-3.23	1.23	1.70	40.44	63.43	24.26	SI
2 Piso	P42	Bottom	B243-Wy+ G	-12.01	0.56	1800	1544	-0.06	1.06	0.05	60.67	96.11	36.40	SI
2 Piso	P42	Top	B244-Wx- G	-8.22	0.56	1800	1544	-2.46	0.98	1.63	40.00	63.43	24.00	SI
2 Piso	P42	Bottom	B244-Wx- G	-10.79	0.56	1800	1544	-0.05	0.82	0.04	60.37	96.11	36.22	SI
2 Piso	P42	Top	B244-Wx+ G	-8.22	0.56	1800	1544	-2.46	0.98	1.63	40.00	63.43	24.00	SI
2 Piso	P42	Bottom	B244-Wx+ G	-10.79	0.56	1800	1544	-0.05	0.82	0.04	60.37	96.11	36.22	SI
2 Piso	P42	Top	B244-Wy- G	-8.22	0.56	1800	1544	-2.46	0.98	1.63	40.00	63.43	24.00	SI
2 Piso	P42	Bottom	B244-Wy- G	-10.79	0.56	1800	1544	-0.05	0.82	0.04	60.37	96.11	36.22	SI
2 Piso	P42	Top	B244-Wy+ G	-8.22	0.56	1800	1544	-2.46	0.98	1.63	40.00	63.43	24.00	SI
2 Piso	P42	Bottom	B244-Wy+ G	-10.79	0.56	1800	1544	-0.05	0.82	0.04	60.37	96.11	36.22	SI
2 Piso	P43	Top	B241	-5.56	0.61	2040	1632	-2.38	0.78	1.64	42.69	67.05	25.22	SI
2 Piso	P43	Bottom	B241	-10.38	0.61	2040	1632	-0.55	-0.02	15.55	43.23	67.05	25.94	SI
2 Piso	P43	Top	B242 Lcub	-5.17	0.61	2040	1632	-1.96	0.70	1.71	41.93	67.05	25.16	SI
2 Piso	P43	Bottom	B242 Lcub	-9.96	0.61	2040	1632	-0.50	-0.04	8.57	43.09	67.05	25.85	SI
2 Piso	P43	Top	B243-Wx+ Lcub	-4.39	0.61	2040	1632	-2.50	0.84	1.63	42.23	67.05	25.34	SI
2 Piso	P43	Bottom	B243-Wx+ Lcub	-10.23	0.61	2040	1632	-0.58	0.07	4.87	43.19	67.05	25.92	SI
2 Piso	P43	Top	B243-Wx- Lcub	-6.39	0.61	2040	1632	-2.50	0.84	1.63	42.23	67.05	25.34	SI
2 Piso	P43	Bottom	B243-Wx- Lcub	-10.23	0.61	2040	1632	-0.58	0.07	4.87	43.19	67.05	25.92	SI
2 Piso	P43	Top	B243-Wy+ Lcub	-6.39	0.61	2040	1632	-2.50	0.84	1.63	42.23	67.05	25.34	SI
2 Piso	P43	Bottom	B243-Wy+ Lcub	-10.23	0.61	2040	1632	-0.58	0.07	4.87	43.19	67.05	25.92	SI
2 Piso	P43	Top	B243-Wy- Lcub	-6.39	0.61	2040	1632	-2.50	0.84	1.63	42.23	67.05	25.34	SI
2 Piso	P43	Bottom	B243-Wy- Lcub	-10.23	0.61	2040	1632	-0.58	0.07	4.87	43.19	67.05	25.92	SI
2 Piso	P43	Top	B244-Wx+ Lcub	-6.01	0.61	2040	1632	-2.33	0.65	1.67	42.14	67.05	25.28	SI
2 Piso	P43	Bottom	B244-Wx+ Lcub	-10.13	0.61	2040	1632	-0.55	0.08	12.58	43.17	67.05	25.90	SI
2 Piso	P43	Top	B244-Wx- Lcub	-6.01	0.61	2040	1632	-2.33	0.65	1.67	42.14	67.05	25.28	SI
2 Piso	P43	Bottom	B244-Wx- Lcub	-10.13	0.61	2040	1632	-0.55	0.09	12.58	43.17	67.05	25.90	SI

ANEXO 3. REVISIÓN PARA CORTANTE PARALELO AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P43	Top	B244-Wy+ Loub	-8.01	0.61	2040	1632	-2.33	0.85	1.67	42.14	67.05	25.28	SI
2 Piso	P43	Bottom	B244-Wy+ Loub	-10.13	0.61	2040	1632	-0.66	0.03	12.58	43.17	67.05	25.90	SI
2 Piso	P43	Top	B244-Wy- Loub	-8.01	0.61	2040	1632	-2.33	0.85	1.67	42.14	67.05	25.28	SI
2 Piso	P43	Bottom	B244-Wy- Loub	-10.13	0.61	2040	1632	-0.66	0.03	12.58	43.17	67.05	25.90	SI
2 Piso	P43	Top	B245-Ex+	-4.82	0.61	2040	1632	-1.89	0.69	1.68	41.84	67.05	25.11	SI
2 Piso	P43	Bottom	B245-Ex+	-9.33	0.61	2040	1632	-0.31	-1.07	0.16	63.04	101.59	37.82	SI
2 Piso	P43	Top	B245-Ex-	-4.76	0.61	2040	1632	-1.89	0.80	1.72	41.82	67.05	25.09	SI
2 Piso	P43	Bottom	B245-Ex-	-9.91	0.61	2040	1632	-0.04	0.98	0.40	59.06	95.26	35.43	SI
2 Piso	P43	Top	B245-Ey+	-5.04	0.61	2040	1632	-1.92	0.66	1.77	41.90	67.05	25.14	SI
2 Piso	P43	Bottom	B245-Ey+	-9.33	0.61	2040	1632	-0.48	0.07	4.79	42.97	67.05	25.78	SI
2 Piso	P43	Top	B245-Ey-	-4.59	0.61	2040	1632	-1.85	0.85	1.61	41.77	67.05	25.06	SI
2 Piso	P43	Bottom	B245-Ey-	8.01	0.61	2040	1632	0.47	-0.16	1.86	42.85	67.05	25.72	SI
2 Piso	P43	Top	B248-Wx+	-4.43	0.61	2040	1632	-1.71	0.64	1.63	41.74	67.05	25.05	SI
2 Piso	P43	Bottom	B248-Wx+	-7.38	0.61	2040	1632	-0.41	0.03	7.37	42.48	67.05	25.49	SI
2 Piso	P43	Top	B248-Wx-	-4.43	0.61	2040	1632	-1.71	0.64	1.63	41.74	67.05	25.05	SI
2 Piso	P43	Bottom	B248-Wx-	-7.38	0.61	2040	1632	-0.41	0.03	7.37	42.48	67.05	25.49	SI
2 Piso	P43	Top	B248-Wy+	-4.43	0.61	2040	1632	-1.71	0.64	1.63	41.74	67.05	25.05	SI
2 Piso	P43	Bottom	B248-Wy+	-7.38	0.61	2040	1632	-0.41	0.03	7.37	42.48	67.05	25.49	SI
2 Piso	P43	Top	B248-Wy-	-4.43	0.61	2040	1632	-1.71	0.64	1.63	41.74	67.05	25.05	SI
2 Piso	P43	Bottom	B248-Wy-	-7.38	0.61	2040	1632	-0.41	0.03	7.37	42.48	67.05	25.49	SI
2 Piso	P43	Top	B247-Ex+	-3.61	0.61	2040	1632	-1.43	0.56	1.61	41.54	67.05	24.92	SI
2 Piso	P43	Bottom	B247-Ex+	-5.99	0.61	2040	1632	-0.19	-1.01	0.11	62.42	101.59	37.45	SI
2 Piso	P43	Top	B247-Ex-	-3.63	0.61	2040	1632	1.24	0.45	1.68	41.62	67.05	24.97	SI
2 Piso	P43	Bottom	B247-Ex-	7.47	0.61	2040	1632	-0.52	1.01	0.31	60.62	98.10	36.37	SI
2 Piso	P43	Top	B247-Ey+	-3.63	0.61	2040	1632	-1.67	0.52	1.74	41.59	67.05	24.96	SI
2 Piso	P43	Bottom	B247-Ey+	-6.68	0.61	2040	1632	-0.36	0.10	2.22	42.36	67.05	25.41	SI
2 Piso	P43	Top	B247-Ey-	-5.32	0.61	2040	1632	-1.20	0.46	1.53	41.47	67.05	24.88	SI
2 Piso	P43	Bottom	B247-Ey-	-8.48	0.61	2040	1632	-0.35	-0.13	1.71	42.25	67.05	25.35	SI
2 Piso	P43	Top	B242-G	-5.87	0.61	2040	1632	2.26	0.82	1.70	42.19	67.05	25.26	SI
2 Piso	P43	Bottom	B242-G	-10.13	0.61	2040	1632	0.54	0.00	87.45	43.17	67.05	25.90	SI
2 Piso	P43	Top	B243-Wx- G	-8.61	0.61	2040	1632	-3.48	1.31	1.62	42.79	67.05	25.67	SI
2 Piso	P43	Bottom	B243-Wx- G	-12.06	0.61	2040	1632	-0.70	0.20	2.24	43.85	67.05	26.19	SI
2 Piso	P43	Top	B243-Wy- G	-8.61	0.61	2040	1632	-3.48	1.31	1.62	42.79	67.05	25.67	SI
2 Piso	P43	Bottom	B243-Wy- G	-12.06	0.61	2040	1632	-0.73	0.20	2.24	43.65	67.05	26.19	SI
2 Piso	P43	Top	B243-Wx+ G	-8.61	0.61	2040	1632	-3.48	1.31	1.62	42.79	67.05	25.67	SI
2 Piso	P43	Bottom	B243-Wx+ G	-12.06	0.61	2040	1632	-0.73	0.20	2.24	43.65	67.05	26.19	SI
2 Piso	P43	Top	B243-Wy+ G	-8.61	0.61	2040	1632	-3.48	1.31	1.62	42.79	67.05	25.67	SI
2 Piso	P43	Bottom	B243-Wy+ G	-12.06	0.61	2040	1632	-0.73	0.20	2.24	43.65	67.05	26.19	SI
2 Piso	P43	Top	B244-Wx- G	-8.71	0.61	2040	1632	-2.63	0.97	1.66	42.31	67.05	25.39	SI
2 Piso	P43	Bottom	B244-Wx- G	10.70	0.61	2040	1632	-0.60	0.07	5.54	43.31	67.05	25.99	SI
2 Piso	P43	Top	B244-Wx+ G	-8.71	0.61	2040	1632	-2.63	0.97	1.66	42.31	67.05	25.39	SI
2 Piso	P43	Bottom	B244-Wx+ G	-10.70	0.61	2040	1632	-0.60	0.07	5.54	43.31	67.05	25.99	SI
2 Piso	P43	Top	B244-Wy- G	-8.71	0.61	2040	1632	-2.63	0.97	1.66	42.31	67.05	25.39	SI
2 Piso	P43	Bottom	B244-Wy- G	-10.70	0.61	2040	1632	-0.60	0.07	5.54	43.31	67.05	25.99	SI
2 Piso	P43	Top	B244-Wy+ G	-8.71	0.61	2040	1632	-2.63	0.97	1.66	42.31	67.05	25.39	SI
2 Piso	P43	Bottom	B244-Wy+ G	-10.70	0.61	2040	1632	-0.60	0.07	5.54	43.31	67.05	25.99	SI
2 Piso	P44	Top	B241	-5.87	0.61	2040	1632	2.02	-1.15	1.34	42.13	67.05	25.28	SI
2 Piso	P44	Bottom	B241	-14.30	0.61	2040	1632	-0.32	-0.64	0.31	61.85	98.24	36.99	SI
2 Piso	P44	Top	B242 Loub	-5.63	0.61	2040	1632	2.41	-1.13	1.31	42.04	67.05	25.23	SI
2 Piso	P44	Bottom	B242 Loub	-10.54	0.61	2040	1632	-0.30	-0.65	0.35	60.35	97.27	36.21	SI
2 Piso	P44	Top	B243-Wx+ Loub	-8.61	0.61	2040	1632	2.88	-1.32	1.36	42.34	67.05	25.40	SI
2 Piso	P44	Bottom	B243-Wx+ Loub	-10.99	0.61	2040	1632	-0.30	0.70	0.26	62.88	101.54	37.73	SI
2 Piso	P44	Top	B243-Wx- Loub	-8.61	0.61	2040	1632	2.88	-1.32	1.36	42.34	67.05	25.40	SI
2 Piso	P44	Bottom	B243-Wx- Loub	-10.99	0.61	2040	1632	-0.30	-0.70	0.26	62.88	101.54	37.73	SI
2 Piso	P44	Top	B243-Wy+ Loub	-8.61	0.61	2040	1632	2.88	-1.32	1.36	42.34	67.05	25.40	SI
2 Piso	P44	Bottom	B243-Wy+ Loub	-10.99	0.61	2040	1632	-0.30	-0.70	0.26	62.88	101.54	37.73	SI
2 Piso	P44	Top	B243-Wy- Loub	-8.61	0.61	2040	1632	2.88	-1.32	1.36	42.34	67.05	25.40	SI
2 Piso	P44	Bottom	B243-Wy- Loub	-10.99	0.61	2040	1632	-0.30	-0.70	0.26	62.88	101.54	37.73	SI
2 Piso	P44	Top	B244-Wx+ Loub	-6.48	0.61	2040	1632	2.82	-1.28	1.35	42.26	67.05	25.35	SI
2 Piso	P44	Bottom	B244-Wx+ Loub	-11.02	0.61	2040	1632	-0.35	-0.71	0.31	61.73	99.50	37.04	SI
2 Piso	P44	Top	B244-Wx- Loub	-6.48	0.61	2040	1632	2.82	-1.28	1.35	42.26	67.05	25.35	SI
2 Piso	P44	Bottom	B244-Wx- Loub	-11.02	0.61	2040	1632	-0.35	-0.71	0.31	61.73	99.50	37.04	SI
2 Piso	P44	Top	B244-Wy+ Loub	-6.48	0.61	2040	1632	2.82	-1.28	1.35	42.26	67.05	25.35	SI
2 Piso	P44	Bottom	B244-Wy+ Loub	-11.02	0.61	2040	1632	-0.35	-0.71	0.31	61.73	99.50	37.04	SI
2 Piso	P44	Top	B244-Wy- Loub	-6.48	0.61	2040	1632	2.82	-1.28	1.35	42.26	67.05	25.35	SI
2 Piso	P44	Bottom	B244-Wy- Loub	-11.02	0.61	2040	1632	-0.35	-0.71	0.31	61.73	99.50	37.04	SI
2 Piso	P44	Top	B245-Ex+	-5.28	0.61	2040	1632	2.14	-0.61	2.15	41.96	67.05	25.17	SI
2 Piso	P44	Bottom	B245-Ex+	-10.14	0.61	2040	1632	-0.58	-1.96	0.16	63.48	101.59	38.09	SI
2 Piso	P44	Top	B245-Ex-	-5.11	0.61	2040	1632	2.25	-1.44	0.96	40.08	69.12	25.85	SI
2 Piso	P44	Bottom	B245-Ex-	-9.93	0.61	2040	1632	0.09	0.78	0.07	60.44	101.59	38.06	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	d (mm)	Mu3 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn máx (ton)	ØVn (ton)	Cumple
2 Piso	P44	Top	B245-Ey+	-5.34	0.61	2040	1632	2.23	-1.03	1.34	41.97	67.05	25.18	SI
2 Piso	P44	Bottom	B245-Ey+	-10.15	0.61	2040	1632	-0.38	-0.73	0.30	61.60	98.61	37.01	SI
2 Piso	P44	Top	B245-Ey-	-5.05	0.61	2040	1632	2.15	-1.03	1.26	41.80	67.05	25.14	SI
2 Piso	P44	Bottom	B245-Ey-	-9.92	0.61	2040	1632	-0.32	-0.45	0.43	58.30	93.74	34.92	SI
2 Piso	P44	Top	B248-Wx+	-4.73	0.61	2040	1632	2.05	-0.92	1.37	41.82	67.05	25.09	SI
2 Piso	P44	Bottom	B248-Wx+	-7.85	0.61	2040	1632	-0.22	-0.49	0.27	61.79	100.97	37.08	SI
2 Piso	P44	Top	B248-Wx-	-4.73	0.61	2040	1632	2.05	-0.92	1.37	41.82	67.05	25.09	SI
2 Piso	P44	Bottom	B248-Wx-	-7.85	0.61	2040	1632	-0.22	-0.49	0.27	61.79	100.97	37.08	SI
2 Piso	P44	Top	B246-Wy+	-4.73	0.61	2040	1632	2.05	-0.92	1.37	41.82	67.05	25.09	SI
2 Piso	P44	Bottom	B246-Wy+	-7.95	0.61	2040	1632	-0.22	-0.49	0.27	61.79	100.97	37.08	SI
2 Piso	P44	Top	B248-Wy-	-4.73	0.61	2040	1632	2.05	-0.92	1.37	41.82	67.05	25.09	SI
2 Piso	P44	Bottom	B248-Wy-	-7.85	0.61	2040	1632	-0.22	-0.49	0.27	61.79	100.97	37.08	SI
2 Piso	P44	Top	B247-Ex+	-3.83	0.61	2040	1632	1.56	-0.37	2.97	41.65	67.05	24.97	SI
2 Piso	P44	Bottom	B247-Ex+	-7.37	0.61	2040	1632	-0.45	-1.78	0.18	62.60	101.50	37.65	SI
2 Piso	P44	Top	B247-Ex-	-3.75	0.61	2040	1632	1.87	-1.15	0.89	44.55	72.31	26.73	SI
2 Piso	P44	Bottom	B247-Ex-	-7.16	0.61	2040	1632	0.03	0.06	0.02	62.74	101.59	37.65	SI
2 Piso	P44	Top	B247-Ey+	-3.08	0.61	2040	1632	1.67	-0.74	1.30	41.63	67.05	24.98	SI
2 Piso	P44	Bottom	B247-Ey+	-7.38	0.61	2040	1632	-0.20	-0.55	0.25	62.16	101.67	37.30	SI
2 Piso	P44	Top	B247-Ey-	-3.08	0.61	2040	1632	1.57	-0.74	> 30	41.66	67.05	24.94	SI
2 Piso	P44	Bottom	B247-Ey-	-7.15	0.61	2040	1632	-0.19	-0.27	0.43	57.60	80.90	34.56	SI
2 Piso	P44	Top	B242 G	-6.96	0.61	2040	1632	2.78	-1.27	1.33	42.20	67.05	25.34	SI
2 Piso	P44	Bottom	B242 G	-11.10	0.61	2040	1632	-0.39	-0.72	0.33	61.14	98.41	36.68	SI
2 Piso	P44	Top	B243-Wx- G	-9.14	0.61	2040	1632	4.10	-1.78	1.41	42.92	67.05	25.75	SI
2 Piso	P44	Bottom	B243-Wx- G	-12.78	0.61	2040	1632	-0.33	0.91	0.22	64.16	101.59	38.48	SI
2 Piso	P44	Top	B243-Wy- G	-9.14	0.61	2040	1632	4.10	-1.78	1.41	42.92	67.05	25.75	SI
2 Piso	P44	Bottom	B243-Wy- G	-12.78	0.61	2040	1632	-0.33	-0.91	0.22	64.15	101.59	38.49	SI
2 Piso	P44	Top	B243-Wx+ G	-9.14	0.61	2040	1632	4.10	-1.78	1.41	42.92	67.05	25.75	SI
2 Piso	P44	Bottom	B243-Wx+ G	-12.78	0.61	2040	1632	-0.33	-0.91	0.22	64.15	101.59	38.49	SI
2 Piso	P44	Top	B243-Wy+ G	-9.14	0.61	2040	1632	4.10	-1.78	1.41	42.92	67.05	25.75	SI
2 Piso	P44	Bottom	B243-Wy+ G	-12.78	0.61	2040	1632	-0.33	0.91	0.22	64.15	101.59	38.49	SI
2 Piso	P44	Top	B244-Wx- G	-7.21	0.61	2040	1632	3.17	-1.43	1.38	42.44	67.05	25.46	SI
2 Piso	P44	Bottom	B244-Wx- G	-11.58	0.61	2040	1632	-0.36	-0.77	0.29	62.37	100.37	37.42	SI
2 Piso	P44	Top	B244-Wx+ G	-7.21	0.61	2040	1632	3.17	-1.43	1.38	42.44	67.05	25.46	SI
2 Piso	P44	Bottom	B244-Wx+ G	-11.58	0.61	2040	1632	-0.36	-0.77	0.29	62.37	100.37	37.42	SI
2 Piso	P44	Top	B244-Wy- G	-7.21	0.61	2040	1632	3.17	-1.43	1.38	42.44	67.05	25.46	SI
2 Piso	P44	Bottom	B244-Wy- G	-11.58	0.61	2040	1632	-0.36	-0.77	0.29	62.37	100.37	37.42	SI
2 Piso	P44	Top	B244-Wy+ G	-7.21	0.61	2040	1632	3.17	-1.43	1.38	42.44	67.05	25.46	SI
2 Piso	P44	Bottom	B244-Wy+ G	-11.58	0.61	2040	1632	-0.36	-0.77	0.29	62.37	100.37	37.42	SI
2 Piso	P45	Top	B241	-4.92	0.56	1870	1496	3.07	-1.88	1.10	38.41	61.48	23.04	SI
2 Piso	P45	Bottom	B241	-9.77	0.56	1870	1496	-0.91	0.77	0.79	44.80	70.50	26.88	SI
2 Piso	P45	Top	B242 Lcub	-4.36	0.56	1870	1496	2.93	-1.78	1.09	38.34	61.48	23.00	SI
2 Piso	P45	Bottom	B242 Lcub	-8.90	0.56	1870	1496	-0.91	-0.87	0.69	46.88	74.54	28.13	SI
2 Piso	P45	Top	B243-Wx+ Lcub	-5.29	0.56	1870	1496	3.68	-2.21	1.53	38.57	61.46	23.14	SI
2 Piso	P45	Bottom	B243-Wx+ Lcub	-9.64	0.56	1870	1496	-0.88	-0.75	0.78	44.94	70.80	26.96	SI
2 Piso	P45	Top	B243-Wx- Lcub	-5.29	0.56	1870	1496	3.68	-2.21	1.11	38.57	61.46	23.14	SI
2 Piso	P45	Bottom	B243-Wx- Lcub	-9.64	0.56	1870	1496	-0.88	-0.75	0.78	44.94	70.80	26.96	SI
2 Piso	P45	Top	B243-Wy+ Lcub	-5.29	0.56	1870	1496	3.68	-2.21	1.11	38.57	61.46	23.14	SI
2 Piso	P45	Bottom	B243-Wy+ Lcub	-9.64	0.56	1870	1496	-0.88	-0.75	0.78	44.94	70.80	26.96	SI
2 Piso	P45	Top	B243-Wy- Lcub	-5.29	0.56	1870	1496	3.68	-2.21	1.11	38.57	61.46	23.14	SI
2 Piso	P45	Bottom	B243-Wy- Lcub	-9.64	0.56	1870	1496	-0.88	-0.75	0.78	44.94	70.80	26.96	SI
2 Piso	P45	Top	B244-Wx+ Lcub	-5.03	0.56	1870	1496	3.46	-2.10	1.10	38.51	61.46	23.10	SI
2 Piso	P45	Bottom	B244-Wx+ Lcub	-8.90	0.56	1870	1496	-0.92	-0.85	0.72	46.28	73.26	27.78	SI
2 Piso	P45	Top	B244-Wx- Lcub	-5.03	0.56	1870	1496	3.46	-2.10	1.10	38.51	61.46	23.10	SI
2 Piso	P45	Bottom	B244-Wx- Lcub	-8.90	0.56	1870	1496	-0.92	-0.85	0.72	46.28	73.26	27.78	SI
2 Piso	P45	Top	B244-Wy+ Lcub	-5.03	0.56	1870	1496	3.46	-2.10	1.10	38.51	61.46	23.10	SI
2 Piso	P45	Bottom	B244-Wy+ Lcub	-8.90	0.56	1870	1496	-0.92	-0.85	0.72	46.28	73.26	27.78	SI
2 Piso	P45	Top	B244-Wy- Lcub	-5.03	0.56	1870	1496	3.46	-2.10	1.10	38.51	61.46	23.10	SI
2 Piso	P45	Bottom	B244-Wy- Lcub	-8.90	0.56	1870	1496	-0.92	-0.85	0.72	46.28	73.26	27.78	SI
2 Piso	P45	Top	B245-Ex+	-4.26	0.56	1870	1496	2.88	-1.56	1.15	39.01	61.48	23.40	SI
2 Piso	P45	Bottom	B245-Ex+	-9.05	0.56	1870	1496	-1.07	-1.89	0.40	54.09	87.25	32.45	SI
2 Piso	P45	Top	B245-Ex-	-3.78	0.56	1870	1496	2.65	-1.70	1.04	38.19	61.46	22.92	SI
2 Piso	P45	Bottom	B245-Ex-	-8.04	0.56	1870	1496	-0.62	0.24	1.74	39.26	61.46	23.56	SI
2 Piso	P45	Top	B245-Ey+	-4.48	0.56	1870	1496	2.97	-1.79	1.11	38.37	61.48	23.02	SI
2 Piso	P45	Bottom	B245-Ey+	-8.12	0.56	1870	1496	-0.87	-0.94	0.82	48.74	77.78	29.24	SI
2 Piso	P45	Top	B245-Ey-	-3.57	0.56	1870	1496	2.38	-1.48	1.07	38.14	61.40	22.89	SI
2 Piso	P45	Bottom	B245-Ey-	-7.97	0.56	1870	1496	0.82	-0.62	0.88	42.09	66.48	25.25	SI
2 Piso	P45	Top	B246-Wx+	-3.67	0.56	1870	1496	2.53	-1.57	1.11	38.17	61.46	22.90	SI
2 Piso	P45	Bottom	B246-Wx+	-6.95	0.56	1870	1496	-0.64	-0.54	0.78	44.22	70.72	26.53	SI
2 Piso	P45	Top	B246-Wx-	-3.67	0.56	1870	1496	2.53	-1.62	1.11	38.17	61.46	22.90	SI
2 Piso	P45	Bottom	B248-Wx-	-6.85	0.56	1870	1496	-0.64	-0.54	0.78	44.22	70.72	26.53	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acmv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P45	Top	B246-Wy+	3.67	0.56	1870	1498	2.53	-1.52	1.11	38.17	91.46	22.80	SI
2 Piso	P45	Bottom	B246-Wy+	-8.95	0.56	1870	1498	-0.64	-0.54	0.78	44.22	70.72	26.53	SI
2 Piso	P45	Top	B246-Wy-	-3.67	0.56	1870	1498	2.53	-1.52	1.11	38.17	91.46	22.90	SI
2 Piso	P45	Bottom	B246-Wy-	-8.95	0.56	1870	1498	-0.64	0.54	0.78	44.22	70.72	26.53	SI
2 Piso	P45	Top	B247-Ey+	-9.21	0.56	1870	1498	1.99	-1.13	1.16	38.05	61.46	22.83	SI
2 Piso	P45	Bottom	B247-Ey+	-0.79	0.56	1870	1498	-0.81	-1.52	0.98	54.48	89.95	32.09	SI
2 Piso	P45	Top	B247-Ey-	-2.73	0.56	1870	1498	1.96	-1.27	1.09	37.80	61.46	22.78	SI
2 Piso	P45	Bottom	B247-Ey-	-6.76	0.56	1870	1498	-0.36	0.52	0.46	51.70	84.47	31.02	SI
2 Piso	P45	Top	B247-Ey+	-3.42	0.56	1870	1498	2.20	-1.35	1.13	38.10	61.46	22.86	SI
2 Piso	P45	Bottom	B247-Ey+	-8.86	0.56	1870	1498	-0.61	0.58	0.62	48.08	77.59	28.85	SI
2 Piso	P45	Top	B247-Ey-	2.53	0.56	1870	1498	1.98	-1.04	1.07	37.88	61.46	22.73	SI
2 Piso	P45	Bottom	B247-Ey-	-5.76	0.56	1870	1498	-0.56	-0.34	1.51	36.06	61.46	20.21	SI
2 Piso	P45	Top	B242 G	-4.83	0.56	1870	1498	3.37	-2.06	1.10	38.48	61.48	23.09	SI
2 Piso	P45	Bottom	B242 G	-9.47	0.56	1870	1498	-0.96	0.69	0.70	48.97	78.48	29.18	SI
2 Piso	P45	Top	B243-Wx- G	-7.12	0.56	1870	1498	5.12	-3.05	1.12	38.03	61.46	23.42	SI
2 Piso	P45	Bottom	B243-Wx- G	-11.36	0.56	1870	1498	-1.01	-0.88	0.77	45.55	71.12	27.33	SI
2 Piso	P45	Top	B243-Wy- G	-7.12	0.56	1870	1498	5.12	-3.05	1.12	38.03	61.46	23.42	SI
2 Piso	P45	Bottom	B243-Wy- G	-11.36	0.56	1870	1498	-1.01	-0.88	0.77	45.55	71.12	27.33	SI
2 Piso	P45	Top	B243-Wx+ G	-7.12	0.56	1870	1498	5.12	-3.05	1.12	38.03	61.46	23.42	SI
2 Piso	P45	Bottom	B243-Wx+ G	-11.36	0.56	1870	1498	-1.01	-0.88	0.77	45.55	71.12	27.33	SI
2 Piso	P45	Top	B243-Wy+ G	-7.12	0.56	1870	1498	5.12	-3.05	1.12	38.03	61.46	23.42	SI
2 Piso	P45	Bottom	B243-Wy+ G	-11.36	0.56	1870	1498	-1.01	-0.88	0.77	45.55	71.12	27.33	SI
2 Piso	P45	Top	B244-Wx- G	-5.60	0.56	1870	1498	3.91	-2.36	1.11	38.65	61.46	23.19	SI
2 Piso	P45	Bottom	B244-Wx- G	-10.04	0.56	1870	1498	-0.96	-0.69	0.72	46.42	73.26	27.85	SI
2 Piso	P45	Top	B244-Wx+ G	-5.60	0.56	1870	1498	3.91	-2.36	1.11	38.65	61.46	23.19	SI
2 Piso	P45	Bottom	B244-Wx+ G	-10.04	0.56	1870	1498	-0.96	-0.69	0.72	46.42	73.26	27.85	SI
2 Piso	P45	Top	B244-Wy- G	-5.60	0.56	1870	1498	3.91	-2.36	1.11	38.65	61.46	23.19	SI
2 Piso	P45	Bottom	B244-Wy- G	-10.04	0.56	1870	1498	-0.96	-0.69	0.72	46.42	73.26	27.85	SI
2 Piso	P45	Top	B244-Wy+ G	-5.60	0.56	1870	1498	3.91	-2.36	1.11	38.65	61.46	23.19	SI
2 Piso	P45	Bottom	B244-Wy+ G	-10.04	0.56	1870	1498	-0.96	-0.69	0.72	46.42	73.26	27.85	SI
2 Piso	P48	Top	B241	-0.74	0.34	1120	898	0.18	0.10	1.79	22.50	36.01	13.50	SI
2 Piso	P48	Bottom	B241	-4.85	0.34	1120	898	0.90	0.16	8.24	23.47	36.61	14.08	SI
2 Piso	P48	Top	B242 Loub	-0.62	0.34	1120	898	0.15	0.23	0.73	26.33	43.65	15.80	SI
2 Piso	P48	Bottom	B242 Loub	-3.80	0.34	1120	898	0.85	0.22	4.80	23.26	36.81	13.96	SI
2 Piso	P48	Top	B243-Wx+ Loub	-0.80	0.34	1120	898	0.26	-0.08	10.11	22.51	36.01	13.51	SI
2 Piso	P48	Bottom	B243-Wx+ Loub	-4.27	0.34	1120	898	0.80	0.09	9.42	23.38	36.81	14.03	SI
2 Piso	P48	Top	B243-Wx- Loub	-0.80	0.34	1120	898	0.26	0.09	10.11	22.51	36.01	13.51	SI
2 Piso	P48	Bottom	B243-Wx- Loub	-4.27	0.34	1120	898	0.80	0.09	9.42	23.38	36.81	14.03	SI
2 Piso	P48	Top	B243-Wy+ Loub	-0.80	0.34	1120	898	0.26	-0.08	10.11	22.51	36.01	13.51	SI
2 Piso	P48	Bottom	B243-Wy+ Loub	-4.27	0.34	1120	898	0.80	0.09	9.42	23.38	36.81	14.03	SI
2 Piso	P48	Top	B243-Wy- Loub	-0.80	0.34	1120	898	0.26	-0.08	10.11	22.51	36.01	13.51	SI
2 Piso	P48	Bottom	B243-Wy- Loub	-4.27	0.34	1120	898	0.80	0.09	9.42	23.38	36.81	14.03	SI
2 Piso	P48	Top	B244-Wx+ Loub	-0.73	0.34	1120	898	0.22	0.11	2.30	22.49	36.01	13.50	SI
2 Piso	P48	Bottom	B244-Wx+ Loub	-4.04	0.34	1120	898	0.90	0.16	8.15	23.32	36.81	13.99	SI
2 Piso	P48	Top	B244-Wx- Loub	-0.73	0.34	1120	898	0.22	0.11	2.30	22.49	36.01	13.50	SI
2 Piso	P48	Bottom	B244-Wx- Loub	-4.04	0.34	1120	898	0.90	0.16	8.15	23.32	36.81	13.99	SI
2 Piso	P48	Top	B244-Wy+ Loub	-0.73	0.34	1120	898	0.22	0.11	2.30	22.49	36.01	13.50	SI
2 Piso	P48	Bottom	B244-Wy+ Loub	-4.04	0.34	1120	898	0.90	0.16	8.15	23.32	36.81	13.99	SI
2 Piso	P48	Top	B244-Wy- Loub	-0.73	0.34	1120	898	0.22	0.11	2.30	22.49	36.01	13.50	SI
2 Piso	P48	Bottom	B244-Wy- Loub	-4.04	0.34	1120	898	0.90	0.16	8.15	23.32	36.81	13.99	SI
2 Piso	P48	Top	B245-Ex+	-0.50	0.34	1120	898	0.10	0.52	0.09	32.15	53.96	19.29	SI
2 Piso	P48	Bottom	B245-Ex+	-4.38	0.34	1120	898	0.76	-0.21	6.12	23.41	36.81	14.04	SI
2 Piso	P48	Top	B245-Ex-	-0.71	0.34	1120	898	0.10	0.06	2.82	22.49	36.01	13.49	SI
2 Piso	P48	Bottom	B245-Ex-	-3.97	0.34	1120	898	1.00	0.60	1.86	20.13	36.81	13.88	SI
2 Piso	P48	Top	B245-Ey+	-0.52	0.34	1120	898	0.22	0.02	12.60	22.54	36.81	13.52	SI
2 Piso	P48	Bottom	B245-Ey+	-5.02	0.34	1120	898	0.90	-0.22	4.65	23.56	36.81	14.14	SI
2 Piso	P48	Top	B245-Ey-	-0.28	0.34	1120	898	0.04	0.37	0.31	33.54	55.78	20.12	SI
2 Piso	P48	Bottom	B245-Ey-	-2.63	0.34	1120	898	0.65	0.61	1.57	22.97	36.81	13.78	SI
2 Piso	P48	Top	B246-Wx+	-0.58	0.34	1120	898	0.17	0.00	51.53	22.45	36.81	13.47	SI
2 Piso	P48	Bottom	B246-Wx+	-3.14	0.34	1120	898	0.59	0.08	8.20	23.09	36.81	13.86	SI
2 Piso	P48	Top	B246-Wx-	-0.58	0.34	1120	898	0.17	0.00	51.53	22.45	36.81	13.47	SI
2 Piso	P48	Bottom	B246-Wx-	-3.14	0.34	1120	898	0.59	0.08	8.20	23.09	36.81	13.86	SI
2 Piso	P48	Top	B246-Wy+	-0.58	0.34	1120	898	0.17	0.00	51.53	22.45	36.81	13.47	SI
2 Piso	P48	Bottom	B246-Wy+	-3.14	0.34	1120	898	0.59	0.08	8.20	23.09	36.81	13.86	SI
2 Piso	P48	Top	B246-Wy-	-0.58	0.34	1120	898	0.17	0.00	51.53	22.45	36.81	13.47	SI
2 Piso	P48	Bottom	B246-Wy-	-3.14	0.34	1120	898	0.59	0.08	8.20	23.09	36.81	13.86	SI
2 Piso	P46	Top	B247-Ex+	0.37	0.34	1120	898	0.07	0.19	0.40	31.17	52.32	18.79	SI
2 Piso	P46	Bottom	B247-Ex+	-3.55	0.34	1120	898	0.48	-0.90	1.72	23.20	36.81	13.92	SI
2 Piso	P46	Top	B247-Ex-	-0.56	0.34	1120	898	0.13	0.07	2.08	22.48	36.01	13.47	SI
2 Piso	P46	Bottom	B247-Ex-	-2.43	0.34	1120	898	0.70	0.51	1.54	22.92	36.01	13.75	SI

ANEXO 3. REVISIÓN PARA CORTANTE PARALELO AL PLANO DEL MURO REFORZADO

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P46	Top	B247-Ey+	-0.80	0.34	1120	896	0.18	-0.17	1.90	22.51	36.81	19.51	SI
2 Piso	P46	Bottom	B247-Ey+	-4.18	0.34	1120	896	0.60	-0.31	2.16	23.36	36.81	14.01	SI
2 Piso	P46	Top	B247-Ey-	0.16	0.34	1120	896	0.01	0.24	0.04	33.50	56.76	20.10	SI
2 Piso	P46	Bottom	B247-Ey-	-1.80	0.34	1120	896	0.56	0.52	1.20	22.76	36.81	13.99	SI
2 Piso	P46	Top	B242-G	-0.69	0.34	1120	896	0.21	0.16	1.25	22.40	36.81	13.49	SI
2 Piso	P46	Bottom	B242-G	-3.92	0.34	1120	896	0.80	0.20	5.30	23.79	36.81	13.97	SI
2 Piso	P46	Top	B243-Wx- G	-1.05	0.34	1120	896	0.43	0.58	2.66	22.57	36.81	13.54	SI
2 Piso	P46	Bottom	B243-Wx- G	-4.66	0.34	1120	896	0.83	0.03	27.29	23.47	36.81	14.08	SI
2 Piso	P46	Top	B243-Wy- G	-1.03	0.34	1120	896	0.43	-0.18	2.66	22.57	36.81	13.54	SI
2 Piso	P46	Bottom	B243-Wy- G	-4.66	0.34	1120	896	0.83	0.03	27.29	23.47	36.81	14.01	SI
2 Piso	P46	Top	B243-Wx+ G	-1.03	0.34	1120	896	0.43	-0.18	2.66	22.57	36.81	13.54	SI
2 Piso	P46	Bottom	B243-Wx+ G	-4.65	0.34	1120	896	0.83	0.03	27.29	23.47	36.81	14.01	SI
2 Piso	P46	Top	B243-Wy+ G	-1.05	0.34	1120	896	0.43	-0.18	2.66	22.57	36.81	13.54	SI
2 Piso	P46	Bottom	B243-Wy+ G	-4.66	0.34	1120	896	0.83	0.03	27.29	23.47	36.81	14.08	SI
2 Piso	P46	Top	B244-Wx- G	-0.80	0.34	1120	896	0.28	0.06	5.12	22.51	36.81	13.51	SI
2 Piso	P46	Bottom	B244-Wx- G	-4.18	0.34	1120	896	0.91	0.14	7.03	23.35	36.81	14.01	SI
2 Piso	P46	Top	B244-Wx+ G	-0.80	0.34	1120	896	0.28	0.06	5.12	22.51	36.81	13.51	SI
2 Piso	P46	Bottom	B244-Wx+ G	-4.18	0.34	1120	896	0.91	0.14	7.03	23.35	36.81	14.01	SI
2 Piso	P46	Top	B244-Wy- G	-0.80	0.34	1120	896	0.28	0.06	5.12	22.51	36.81	13.51	SI
2 Piso	P46	Bottom	B244-Wy- G	-4.18	0.34	1120	896	0.91	0.14	7.03	23.35	36.81	14.01	SI
2 Piso	P46	Top	B244-Wy+ G	-0.80	0.34	1120	896	0.28	0.06	5.12	22.51	36.81	13.51	SI
2 Piso	P46	Bottom	B244-Wy+ G	-4.18	0.34	1120	896	0.91	0.14	7.03	23.35	36.81	14.01	SI
1 Piso	P1	Top	B241	-12.36	0.55	1820	1456	-0.41	1.83	0.16	57.47	90.63	34.48	SI
1 Piso	P1	Bottom	B241	-18.41	0.55	1820	1456	-0.94	-0.21	3.12	40.88	59.82	24.52	SI
1 Piso	P1	Top	B242 Lcub	-14.19	0.55	1820	1456	0.93	3.68	0.17	57.91	90.63	34.75	SI
1 Piso	P1	Bottom	B242 Lcub	-20.28	0.55	1820	1456	-0.87	-0.06	8.85	41.00	59.82	24.60	SI
1 Piso	P1	Top	B243-Wx+ Lcub	-11.75	0.55	1820	1456	-0.34	1.57	0.15	57.32	90.63	34.39	SI
1 Piso	P1	Bottom	B243-Wx+ Lcub	-17.05	0.55	1820	1456	-0.91	-0.20	3.17	40.52	59.82	24.31	SI
1 Piso	P1	Top	B243-Wx- Lcub	-11.75	0.55	1820	1456	-0.34	1.57	0.15	57.32	90.63	34.39	SI
1 Piso	P1	Bottom	B243-Wx- Lcub	-17.05	0.55	1820	1456	-0.91	-0.20	3.17	40.52	59.82	24.31	SI
1 Piso	P1	Top	B243-Wy+ Lcub	-11.75	0.55	1820	1456	-0.34	1.57	0.15	57.32	90.63	34.39	SI
1 Piso	P1	Bottom	B243-Wy+ Lcub	-17.05	0.55	1820	1456	-0.91	-0.20	3.17	40.52	59.82	24.31	SI
1 Piso	P1	Top	B243-Wy- Lcub	-11.75	0.55	1820	1456	-0.34	1.57	0.15	57.32	90.63	34.39	SI
1 Piso	P1	Bottom	B243-Wy- Lcub	-17.05	0.55	1820	1456	-0.91	-0.20	3.17	40.52	59.82	24.31	SI
1 Piso	P1	Top	B244-Wx+ Lcub	-13.51	0.55	1820	1456	-0.71	2.89	0.17	57.76	90.63	34.65	SI
1 Piso	P1	Bottom	B244-Wx+ Lcub	-19.37	0.55	1820	1456	-0.91	-0.12	5.92	41.10	59.82	24.66	SI
1 Piso	P1	Top	B244-Wx- Lcub	-13.51	0.55	1820	1456	-0.71	2.89	0.17	57.76	90.63	34.65	SI
1 Piso	P1	Bottom	B244-Wx- Lcub	-19.37	0.55	1820	1456	-0.91	-0.12	5.92	41.10	59.82	24.66	SI
1 Piso	P1	Top	B244-Wy+ Lcub	-13.51	0.55	1820	1456	-0.71	2.89	0.17	57.76	90.63	34.65	SI
1 Piso	P1	Bottom	B244-Wy+ Lcub	-19.37	0.55	1820	1456	-0.91	-0.12	5.92	41.10	59.82	24.66	SI
1 Piso	P1	Top	B244-Wy- Lcub	-13.51	0.55	1820	1456	-0.71	2.89	0.17	57.76	90.63	34.65	SI
1 Piso	P1	Bottom	B244-Wy- Lcub	-19.37	0.55	1820	1456	-0.91	-0.12	5.92	41.10	59.82	24.66	SI
1 Piso	P1	Top	B245-Ex+	-17.88	0.55	1820	1456	-0.31	2.54	0.08	57.35	90.63	34.41	SI
1 Piso	P1	Bottom	B245-Ex+	-27.54	0.55	1820	1456	-1.07	-0.55	1.34	40.84	59.82	24.50	SI
1 Piso	P1	Top	B245-Ex-	-19.39	0.55	1820	1456	-1.52	3.23	0.24	57.73	90.63	34.64	SI
1 Piso	P1	Bottom	B245-Ex-	-19.39	0.55	1820	1456	-0.80	0.38	1.20	41.08	59.82	24.65	SI
1 Piso	P1	Top	B245-Ey+	-12.72	0.55	1820	1456	-1.28	3.53	0.24	57.56	90.63	34.54	SI
1 Piso	P1	Bottom	B245-Ey+	-17.05	0.55	1820	1456	1.24	1.50	0.57	50.69	77.85	30.42	SI
1 Piso	P1	Top	B245-Ey-	-12.50	0.55	1820	1456	-0.17	2.23	0.05	57.52	90.63	34.51	SI
1 Piso	P1	Bottom	B245-Ey-	-18.85	0.55	1820	1456	-2.81	-1.71	1.17	41.22	59.82	24.70	SI
1 Piso	P1	Top	B246-Wx+	-8.55	0.55	1820	1456	-0.26	1.18	0.15	56.52	90.63	33.91	SI
1 Piso	P1	Bottom	B246-Wx+	-12.51	0.55	1820	1456	0.68	-0.14	3.16	39.36	59.82	23.63	SI
1 Piso	P1	Top	B246-Wx-	-8.55	0.55	1820	1456	-0.26	1.18	0.15	56.52	90.63	33.91	SI
1 Piso	P1	Bottom	B246-Wx-	-12.51	0.55	1820	1456	-0.68	-0.14	3.16	39.36	59.82	23.63	SI
1 Piso	P1	Top	B246-Wy+	-8.55	0.55	1820	1456	-0.26	1.18	0.15	56.52	90.63	33.91	SI
1 Piso	P1	Bottom	B246-Wy+	-12.51	0.55	1820	1456	-0.68	-0.14	3.16	39.36	59.82	23.63	SI
1 Piso	P1	Top	B246-Wy-	-8.55	0.55	1820	1456	-0.26	1.18	0.15	56.52	90.63	33.91	SI
1 Piso	P1	Bottom	B246-Wy-	-12.51	0.55	1820	1456	-0.68	-0.14	3.16	39.36	59.82	23.63	SI
1 Piso	P1	Top	B247-Ex+	-7.20	0.55	1820	1456	0.14	0.83	0.11	56.16	90.63	33.71	SI
1 Piso	P1	Bottom	B247-Ex+	-10.86	0.55	1820	1456	-0.84	-0.58	1.00	39.99	59.82	23.40	SI
1 Piso	P1	Top	B247-Ex-	-8.75	0.55	1820	1456	-0.87	1.62	0.30	54.88	86.80	32.93	SI
1 Piso	P1	Bottom	B247-Ex-	-12.14	0.55	1820	1456	-0.37	0.31	0.61	43.92	67.75	26.25	SI
1 Piso	P1	Top	B247-Ey+	-9.03	0.55	1820	1456	-0.81	1.82	0.30	54.64	86.80	32.79	SI
1 Piso	P1	Bottom	B247-Ey+	-10.47	0.55	1820	1456	1.47	1.47	0.69	46.28	72.91	27.76	SI
1 Piso	P1	Top	B247-Ey-	-7.87	0.55	1820	1456	0.28	0.53	0.36	53.20	80.33	31.92	SI
1 Piso	P1	Bottom	B247-Ey-	-10.28	0.55	1820	1456	-2.68	-1.74	1.06	39.57	59.82	23.74	SI
1 Piso	P1	Top	B242 G	-14.62	0.55	1820	1456	-0.93	3.68	0.17	58.04	90.63	34.82	SI
1 Piso	P1	Bottom	B242 G	-20.62	0.55	1820	1456	-0.92	-0.07	8.90	41.46	59.82	24.88	SI
1 Piso	P1	Top	B243-Wx- G	-13.27	0.56	1820	1456	-0.33	1.58	0.14	57.71	90.63	34.63	SI
1 Piso	P1	Bottom	B243-Wx- G	-18.75	0.56	1820	1456	-1.06	-0.23	3.71	40.94	59.82	24.57	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aswv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ØVn (ton)	Cumple
1 Piso	P1	Top	B242-Wy- G	-13.32	0.55	1820	1456	-0.33	1.58	0.14	57.71	90.63	34.69	SI
1 Piso	P1	Bottom	B243-Wy- G	-18.75	0.55	1820	1456	-1.06	-0.23	3.21	40.94	59.62	24.57	SI
1 Piso	P1	Top	B243-Wx+ G	-53.32	0.55	1820	1456	-0.33	1.58	0.14	57.71	90.63	34.69	SI
1 Piso	P1	Bottom	B243-Wx+ G	-18.75	0.55	1820	1456	-1.06	-0.23	3.21	40.94	59.62	24.57	SI
1 Piso	P1	Top	B243-Wy+ G	-13.32	0.55	1820	1456	-0.33	1.58	0.14	57.71	90.63	34.69	SI
1 Piso	P1	Bottom	B243-Wy+ G	-18.75	0.55	1820	1456	-1.06	-0.23	3.21	40.94	59.62	24.57	SI
1 Piso	P1	Top	B244-Wx- G	-14.00	0.55	1820	1456	-0.70	2.89	0.17	57.88	90.63	34.73	SI
1 Piso	P1	Bottom	B244-Wx- G	-19.90	0.55	1820	1456	-0.98	-0.13	5.20	41.23	59.87	24.74	SI
1 Piso	P1	Top	B244-Wx+ G	-14.00	0.55	1820	1456	-0.70	2.89	0.17	57.88	90.63	34.73	SI
1 Piso	P1	Bottom	B244-Wx+ G	-19.90	0.55	1820	1456	-0.98	-0.13	5.20	41.23	59.87	24.74	SI
1 Piso	P1	Top	B244-Wy- G	-14.00	0.55	1820	1456	-0.70	2.89	0.17	57.88	90.63	34.73	SI
1 Piso	P1	Bottom	B244-Wy+ G	-19.90	0.55	1820	1456	-0.98	-0.13	5.20	41.23	59.87	24.74	SI
1 Piso	P2	Top	B241	-37.66	1.29	4300	3440	4.65	-1.10	1.21	96.07	141.33	57.04	SI
1 Piso	P2	Bottom	B241	-48.23	1.29	4300	3440	1.79	-1.56	0.33	134.25	206.86	80.56	SI
1 Piso	P2	Top	B242 Lqub	-50.32	1.29	4300	3440	5.91	-0.88	2.00	88.24	141.33	56.54	SI
1 Piso	P2	Bottom	B242 Lqub	-57.20	1.29	4300	3440	3.55	-1.62	0.63	120.34	177.48	72.21	SI
1 Piso	P2	Top	B243-Wx+ Lqub	-34.07	1.29	4300	3440	4.12	-1.08	1.11	94.17	141.33	56.50	SI
1 Piso	P2	Bottom	B243-Wx+ Lqub	-41.40	1.29	4300	3440	1.49	-1.48	0.29	135.40	211.03	81.24	SI
1 Piso	P2	Top	B243-Wx- Lqub	-34.07	1.29	4300	3440	4.12	-1.08	1.11	94.17	141.33	56.50	SI
1 Piso	P2	Bottom	B243-Wx- Lqub	-41.40	1.29	4300	3440	1.49	-1.48	0.29	135.40	211.03	81.24	SI
1 Piso	P2	Top	B243-Wy+ Lqub	-34.07	1.29	4300	3440	4.12	-1.08	1.11	94.17	141.33	56.50	SI
1 Piso	P2	Bottom	B243-Wy+ Lqub	-41.40	1.29	4300	3440	1.49	-1.48	0.29	135.40	211.03	81.24	SI
1 Piso	P2	Top	B243-Wy- Lqub	-34.07	1.29	4300	3440	4.12	-1.08	1.11	94.17	141.33	56.50	SI
1 Piso	P2	Bottom	B243-Wy- Lqub	-41.40	1.29	4300	3440	1.49	-1.48	0.29	135.40	211.03	81.24	SI
1 Piso	P2	Top	B244-Wx+ Lqub	-44.65	1.29	4300	3440	5.28	-0.97	1.56	96.82	141.33	56.09	SI
1 Piso	P2	Bottom	B244-Wx+ Lqub	-51.69	1.29	4300	3440	2.75	-1.60	0.50	125.44	190.62	75.85	SI
1 Piso	P2	Top	B244-Wx- Lqub	-44.65	1.29	4300	3440	5.29	-0.97	1.56	96.82	141.33	56.09	SI
1 Piso	P2	Bottom	B244-Wx- Lqub	-51.69	1.29	4300	3440	2.75	-1.60	0.50	126.44	190.62	75.85	SI
1 Piso	P2	Top	B244-Wy+ Lqub	-44.65	1.29	4300	3440	5.29	-0.97	1.56	96.82	141.33	56.09	SI
1 Piso	P2	Bottom	B244-Wy+ Lqub	-51.69	1.29	4300	3440	2.75	-1.60	0.50	126.44	190.62	75.85	SI
1 Piso	P2	Top	B244-Wy- Lqub	-44.65	1.29	4300	3440	5.28	-0.97	1.56	96.82	141.33	56.09	SI
1 Piso	P2	Bottom	B244-Wy- Lqub	-51.69	1.29	4300	3440	2.75	-1.60	0.50	126.44	190.62	75.85	SI
1 Piso	P2	Top	B245-Ex+	-42.50	1.29	4300	3440	8.13	-2.30	0.77	198.63	163.53	65.30	SI
1 Piso	P2	Bottom	B245-Ex+	-49.80	1.29	4300	3440	1.50	-2.84	0.15	140.93	214.14	84.56	SI
1 Piso	P2	Top	B245-Ex-	-44.10	1.29	4300	3440	4.12	-0.56	2.19	98.68	147.33	58.01	SI
1 Piso	P2	Bottom	B245-Ex-	-50.81	1.29	4300	3440	4.08	-0.15	8.08	98.38	141.33	56.03	SI
1 Piso	P2	Top	B245-Ey+	-43.14	1.29	4300	3440	5.84	-5.44	0.29	135.74	210.86	81.44	SI
1 Piso	P2	Bottom	B245-Ey+	-50.16	1.29	4300	3440	12.39	-5.03	0.72	316.02	180.32	66.41	SI
1 Piso	P2	Top	B245-Ey-	-43.46	1.29	4300	3440	9.74	-7.10	0.19	339.35	214.14	83.61	SI
1 Piso	P2	Bottom	B245-Ey-	-50.55	1.29	4300	3440	-8.81	-8.01	0.25	141.12	214.14	84.67	SI
1 Piso	P2	Top	B248-Wx+	-25.15	1.29	4300	3440	3.04	-0.79	1.14	91.94	141.33	55.17	SI
1 Piso	P2	Bottom	B248-Wx+	-30.65	1.29	4300	3440	1.13	-1.08	0.30	132.06	208.88	79.24	SI
1 Piso	P2	Top	B248-Wx-	-25.15	1.29	4300	3440	3.04	-0.79	1.14	91.94	141.33	55.17	SI
1 Piso	P2	Bottom	B248-Wx-	-30.65	1.29	4300	3440	1.13	-1.08	0.30	132.06	208.88	79.24	SI
1 Piso	P2	Top	B248-Wy+	-25.15	1.29	4300	3440	3.04	-0.79	1.14	91.94	141.33	55.17	SI
1 Piso	P2	Bottom	B248-Wy+	-30.65	1.29	4300	3440	1.13	-1.08	0.30	132.06	208.88	79.24	SI
1 Piso	P2	Top	B248-Wy-	-25.15	1.29	4300	3440	3.04	-0.79	1.14	91.94	141.33	55.17	SI
1 Piso	P2	Bottom	B248-Wy-	-30.65	1.29	4300	3440	1.13	-1.08	0.30	132.06	208.88	79.24	SI
1 Piso	P2	Top	B247-Ex+	-20.41	1.29	4300	3440	3.80	-2.14	0.53	117.42	187.28	70.45	SI
1 Piso	P2	Bottom	B247-Ex+	-28.17	1.29	4300	3440	-0.14	-2.34	0.22	135.77	214.14	81.45	SI
1 Piso	P2	Top	B247-Ex-	-25.91	1.29	4300	3440	1.02	-0.72	0.77	104.60	163.78	62.76	SI
1 Piso	P2	Bottom	B247-Ex-	-30.27	1.29	4300	3440	2.44	-0.34	2.06	93.22	141.33	56.99	SI
1 Piso	P2	Top	B247-Ey+	24.05	1.29	4300	3440	3.31	5.61	0.17	134.50	214.14	80.70	SI
1 Piso	P2	Bottom	B247-Ey+	29.52	1.29	4300	3440	10.75	5.52	0.57	117.20	184.08	70.32	SI
1 Piso	P2	Top	B247-Ey-	-24.37	1.29	4300	3440	2.55	7.02	0.11	134.57	214.14	80.74	SI
1 Piso	P2	Bottom	B247-Ey-	-29.92	1.29	4300	3440	-8.45	-7.52	0.33	130.64	207.88	78.36	SI
1 Piso	P2	Top	B242 G	-51.39	1.29	4300	3440	6.91	-0.92	1.91	98.63	141.33	59.08	SI
1 Piso	P2	Bottom	B242 G	-57.95	1.29	4300	3440	3.51	-1.66	0.61	122.04	180.08	73.22	SI
1 Piso	P2	Top	B243-Wx- G	-36.51	1.29	4300	3440	4.43	-1.26	1.02	94.78	141.33	56.87	SI
1 Piso	P2	Bottom	B243-Wx- G	-43.82	1.29	4300	3440	1.43	-1.88	0.25	139.44	214.14	83.66	SI
1 Piso	P2	Top	B243-Wy- G	-36.51	1.29	4300	3440	4.43	-1.26	1.02	94.78	141.33	56.87	SI
1 Piso	P2	Bottom	B243-Wy- G	-43.82	1.29	4300	3440	1.43	-1.88	0.25	139.44	214.14	83.66	SI
1 Piso	P2	Top	B243-Wx+ G	-36.51	1.29	4300	3440	4.43	-1.26	1.02	94.78	141.33	56.87	SI
1 Piso	P2	Bottom	B243-Wx+ G	-43.82	1.29	4300	3440	1.43	-1.88	0.25	139.44	214.14	83.66	SI
1 Piso	P2	Top	B243-Wy+ G	-36.51	1.29	4300	3440	4.43	-1.26	1.02	94.78	141.33	56.87	SI
1 Piso	P2	Bottom	B243-Wy+ G	-43.82	1.29	4300	3440	1.43	-1.88	0.25	139.44	214.14	83.66	SI
1 Piso	P2	Top	B244-Wx- G	-45.62	1.29	4300	3440	5.39	-1.33	1.57	97.01	141.33	58.21	SI
1 Piso	P2	Bottom	B244-Wx- G	-52.45	1.29	4300	3440	2.73	-1.97	0.49	127.67	192.82	76.72	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua/(Vu*d)	Vm (ton)	Vn max. (ton)	ΦVn (ton)	Cumple
1 Piso	P2	Top	B244-Wx+ G	-45.42	1.29	4300	3440	5.39	-1.03	1.52	87.01	141.33	98.21	SI
1 Piso	P2	Bottom	B244-Wx+ G	-52.45	1.29	4300	3440	2.73	-1.87	0.48	127.87	192.82	76.72	SI
1 Piso	P2	Top	B244-Wy- G	-45.42	1.29	4300	3440	5.39	-1.03	1.52	87.01	141.33	98.21	SI
1 Piso	P2	Bottom	B244-Wy- G	-52.45	1.29	4300	3440	2.73	1.67	0.48	127.87	192.82	76.72	SI
1 Piso	P2	Top	B244-Wy+ G	-45.42	1.29	4300	3440	5.39	1.03	1.52	87.01	141.33	98.21	SI
1 Piso	P2	Bottom	B244-Wy+ G	-52.45	1.29	4300	3440	2.73	-1.87	0.48	127.87	192.82	76.72	SI
1 Piso	P3	Top	B247	-88.70	2.62	8740	6992	2.52	0.01	34.69	181.27	287.26	114.78	SI
1 Piso	P3	Bottom	B241	-88.89	2.62	8740	6992	-2.00	-0.05	6.01	198.27	287.26	117.76	SI
1 Piso	P3	Top	B247 Loub	-87.01	2.62	8740	6992	-3.10	0.69	0.60	208.99	310.51	125.39	SI
1 Piso	P3	Bottom	B242 Loub	-104.79	2.62	8740	6992	-2.71	0.72	0.42	288.00	403.52	159.60	SI
1 Piso	P3	Top	B243-Wx+ Loub	-83.31	2.62	8740	6992	-2.88	0.00	141.97	189.93	287.26	113.98	SI
1 Piso	P3	Bottom	B243-Wx+ Loub	-80.35	2.62	8740	6992	-2.29	-0.07	4.79	194.19	287.26	116.51	SI
1 Piso	P3	Top	B243-Wx- Loub	-83.31	2.62	8740	6992	2.88	0.00	141.97	189.93	287.26	113.96	SI
1 Piso	P3	Bottom	B243-Wx- Loub	-80.35	2.62	8740	6992	-2.29	-0.07	4.79	194.19	287.26	116.51	SI
1 Piso	P3	Top	B243-Wy+ Loub	-83.31	2.62	8740	6992	-2.88	0.00	141.97	189.93	287.26	113.96	SI
1 Piso	P3	Bottom	B243-Wy+ Loub	-80.35	2.62	8740	6992	-2.29	0.07	4.79	194.19	287.26	116.51	SI
1 Piso	P3	Top	B243-Wy- Loub	-83.31	2.62	8740	6992	-2.88	0.00	141.97	189.93	287.26	113.96	SI
1 Piso	P3	Bottom	B243-Wy- Loub	-80.35	2.62	8740	6992	-2.29	-0.07	4.79	194.19	287.26	116.51	SI
1 Piso	P3	Top	B244-Wx+ Loub	-79.17	2.62	8740	6992	-3.16	0.31	1.47	193.69	287.26	116.33	SI
1 Piso	P3	Bottom	B244-Wx+ Loub	-96.65	2.62	8740	6992	-2.31	0.42	0.79	221.71	329.75	133.00	SI
1 Piso	P3	Top	B244-Wx- Loub	-79.17	2.62	8740	6992	-3.16	0.31	1.47	193.69	287.26	116.33	SI
1 Piso	P3	Bottom	B244-Wx- Loub	-96.65	2.62	8740	6992	-2.31	0.42	0.79	221.71	329.75	133.00	SI
1 Piso	P3	Top	B244-Wy+ Loub	-79.17	2.62	8740	6992	-3.16	0.31	1.47	193.69	287.26	116.33	SI
1 Piso	P3	Bottom	B244-Wy+ Loub	-96.65	2.62	8740	6992	-2.31	0.42	0.79	221.71	329.75	133.00	SI
1 Piso	P3	Top	B244-Wy- Loub	-79.17	2.62	8740	6992	-3.16	0.31	1.47	193.69	287.26	116.33	SI
1 Piso	P3	Bottom	B244-Wy- Loub	-96.65	2.62	8740	6992	-2.31	0.42	0.79	221.71	329.75	133.00	SI
1 Piso	P3	Top	B245-Ex+	-74.32	2.62	8740	6992	-1.60	-5.26	0.04	279.73	435.25	187.86	SI
1 Piso	P3	Bottom	B245-Ex+	-92.86	2.62	8740	6992	-9.38	-5.20	0.28	281.23	436.81	188.74	SI
1 Piso	P3	Top	B245-Ex-	-77.34	2.62	8740	6992	-3.69	5.90	0.03	280.48	435.25	160.29	SI
1 Piso	P3	Bottom	B245-Ex-	-91.07	2.62	8740	6992	5.83	6.06	0.13	284.66	435.25	179.60	SI
1 Piso	P3	Top	B245-Ey+	-75.85	2.62	8740	6992	-0.31	16.79	0.00	280.11	435.25	168.07	SI
1 Piso	P3	Bottom	B245-Ey+	-83.37	2.62	8740	6992	24.50	17.28	0.20	284.40	435.25	170.60	SI
1 Piso	P3	Top	B245-Ey-	-75.60	2.62	8740	6992	-4.98	-16.10	0.04	280.10	435.25	168.06	SI
1 Piso	P3	Bottom	B245-Ey-	-93.37	2.62	8740	6992	-29.25	-16.40	0.25	284.49	435.25	170.69	SI
1 Piso	P3	Top	B246-Wx+	-48.49	2.62	8740	6992	-2.00	0.00	571.71	185.72	287.26	111.43	SI
1 Piso	P3	Bottom	B246-Wx+	-59.29	2.62	8740	6992	-1.58	-0.05	5.03	188.62	287.26	113.35	SI
1 Piso	P3	Top	B246-Wx-	-48.49	2.62	8740	6992	-2.00	0.00	571.71	185.72	287.26	111.43	SI
1 Piso	P3	Bottom	B246-Wx-	-59.29	2.62	8740	6992	-1.58	-0.05	5.03	188.62	287.26	113.35	SI
1 Piso	P3	Top	B246-Wy+	-48.49	2.62	8740	6992	-2.00	0.00	571.71	185.72	287.26	111.43	SI
1 Piso	P3	Bottom	B246-Wy+	-59.29	2.62	8740	6992	-1.58	-0.05	5.03	188.62	287.26	113.35	SI
1 Piso	P3	Top	B246-Wy-	-48.49	2.62	8740	6992	-2.00	0.00	571.71	185.72	287.26	111.43	SI
1 Piso	P3	Bottom	B246-Wy-	-59.29	2.62	8740	6992	-1.58	-0.05	5.03	188.62	287.26	113.35	SI
1 Piso	P3	Top	B247-Ex+	-42.66	2.62	8740	6992	-0.58	-5.67	0.01	271.81	435.25	163.09	SI
1 Piso	P3	Bottom	B247-Ex+	-59.32	2.62	8740	6992	-8.79	5.87	0.22	275.23	435.25	165.14	SI
1 Piso	P3	Top	B247-Ex-	-43.68	2.62	8740	6992	-2.66	5.59	0.07	272.67	435.25	163.64	SI
1 Piso	P3	Bottom	B247-Ex-	-57.7>	2.62	8740	6992	6.23	5.61	0.10	275.57	435.25	165.34	SI
1 Piso	P3	Top	B247-Ey+	-44.10	2.62	8740	6992	0.7'	16.42	0.01	272.20	435.25	163.32	SI
1 Piso	P3	Bottom	B247-Ey+	-57.01	2.62	8740	6992	25.08	16.81	0.21	275.40	435.25	165.24	SI
1 Piso	P3	Top	B247-Ey-	-44.14	2.62	8740	6992	-3.96	-16.41	0.03	272.18	435.25	163.31	SI
1 Piso	P3	Bottom	B247-Ey-	-57.02	2.62	8740	6992	-27.66	-16.87	0.23	275.40	435.25	165.24	SI
1 Piso	P3	Top	B242 G	-66.80	2.62	8740	6992	-3.41	0.50	0.08	199.46	201.04	119.08	SI
1 Piso	P3	Bottom	B242 G	-106.83	2.62	8740	6992	-2.35	0.71	0.48	260.03	382.13	156.02	SI
1 Piso	P3	Top	B243-Wx- G	-89.36	2.62	8740	6992	-3.48	-0.02	29.20	191.44	287.26	114.86	SI
1 Piso	P3	Bottom	B243-Wx- G	-86.28	2.62	8740	6992	-3.07	-0.11	4.14	195.67	287.26	117.40	SI
1 Piso	P3	Top	B243-Wy- G	-89.36	2.62	8740	6992	-3.48	-0.02	29.20	191.44	287.26	114.86	SI
1 Piso	P3	Bottom	B243-Wy- G	-86.28	2.62	8740	6992	-3.07	-0.11	4.14	195.67	287.26	117.40	SI
1 Piso	P3	Top	B243-Wx+ G	-89.36	2.62	8740	6992	-3.48	-0.02	29.20	191.44	287.26	114.86	SI
1 Piso	P3	Bottom	B243-Wx+ G	-86.28	2.62	8740	6992	-3.07	-0.11	4.14	195.67	287.26	117.40	SI
1 Piso	P3	Top	B243-Wy+ G	-89.36	2.62	8740	6992	-3.48	-0.02	29.20	191.44	287.26	114.86	SI
1 Piso	P3	Bottom	B243-Wy+ G	-86.28	2.62	8740	6992	-3.07	-0.11	4.14	195.67	287.26	117.40	SI
1 Piso	P3	Top	B244-Wx- G	-81.06	2.62	8740	6992	-3.49	0.30	1.84	194.36	287.26	116.62	SI
1 Piso	P3	Bottom	B244-Wx- G	-98.50	2.62	8740	6992	2.58	0.41	0.80	209.72	308.72	125.83	SI
1 Piso	P3	Top	B244-Wx+ G	-81.06	2.62	8740	6992	-3.49	0.30	1.84	194.36	287.26	116.62	SI
1 Piso	P3	Bottom	B244-Wx+ G	-98.50	2.62	8740	6992	-2.58	0.41	0.80	209.72	308.72	125.83	SI
1 Piso	P3	Top	B244-Wy+ G	-81.06	2.62	8740	6992	-3.49	0.30	1.84	194.36	287.26	116.62	SI
1 Piso	P3	Bottom	B244-Wy+ G	-98.50	2.62	8740	6992	-2.58	0.41	0.80	209.72	308.72	125.83	SI
1 Piso	P3	Top	B244-Wy- G	-81.06	2.62	8740	6992	-3.49	0.30	1.84	194.36	287.26	116.62	SI
1 Piso	P3	Bottom	B244-Wy- G	-98.50	2.62	8740	6992	-2.58	0.41	0.80	209.72	308.72	125.83	SI
1 Piso	P4	Top	B241	-38.28	1.34	4460	3584	-8.42	1.81	1.46	98.81	147.25	59.29	SI
1 Piso	P4	Bottom	B241	-47.10	1.34	4460	3584	-3.85	2.34	0.48	152.21	202.43	79.92	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P4	Top	B242 Loub	-42.09	1.34	4480	3584	-12.51	2.41	1.45	99.76	147.25	59.86	SI
1 Piso	P4	Bottom	B242 Loub	-49.83	1.34	4480	3584	-6.10	3.58	0.47	132.17	201.16	79.30	SI
1 Piso	P4	Top	B243 Wx+ Loub	-34.74	1.34	4480	3584	-7.74	1.51	1.43	97.09	147.25	58.79	SI
1 Piso	P4	Bottom	B243 Wx+ Loub	-42.25	1.34	4480	3584	-3.53	2.17	0.45	131.49	203.31	78.60	SI
1 Piso	P4	Top	B243-Wx- Loub	-34.74	1.34	4480	3584	-7.74	1.51	1.43	97.93	147.25	58.76	SI
1 Piso	P4	Bottom	B243-Wx- Loub	-42.25	1.34	4480	3584	-3.53	2.17	0.45	131.49	203.31	78.80	SI
1 Piso	P4	Top	B243-Wy+ Loub	-34.74	1.34	4480	3584	-7.74	1.51	1.43	97.90	147.25	58.78	SI
1 Piso	P4	Bottom	B243-Wy+ Loub	-42.25	1.34	4480	3584	-3.53	2.17	0.45	131.48	203.31	78.80	SI
1 Piso	P4	Top	B243-Wy- Loub	-34.74	1.34	4480	3584	-7.74	1.51	1.43	97.93	147.25	58.76	SI
1 Piso	P4	Bottom	B243-Wy- Loub	-42.25	1.34	4480	3584	-3.53	2.17	0.45	131.49	203.31	78.80	SI
1 Piso	P4	Top	B244-Wx+ Loub	-39.79	1.34	4480	3584	-10.85	2.11	1.44	99.19	147.25	59.51	SI
1 Piso	P4	Bottom	B244-Wx+ Loub	-47.44	1.34	4480	3584	-5.18	3.09	0.47	131.98	201.89	79.19	SI
1 Piso	P4	Top	B244-Wx- Loub	-39.79	1.34	4480	3584	-10.85	2.11	1.44	99.19	147.25	59.51	SI
1 Piso	P4	Bottom	B244-Wx- Loub	-47.44	1.34	4480	3584	-5.18	3.09	0.47	131.98	201.89	79.19	SI
1 Piso	P4	Top	B244-Wy+ Loub	-39.79	1.34	4480	3584	-10.85	2.11	1.44	99.19	147.25	59.51	SI
1 Piso	P4	Bottom	B244-Wy+ Loub	-47.44	1.34	4480	3584	-5.18	3.09	0.47	131.98	201.89	79.19	SI
1 Piso	P4	Top	B244-Wy- Loub	-39.79	1.34	4480	3584	-10.85	2.11	1.44	99.19	147.25	59.51	SI
1 Piso	P4	Bottom	B244-Wy- Loub	-47.44	1.34	4480	3584	-5.18	3.09	0.47	131.98	201.89	79.19	SI
1 Piso	P4	Top	B245-Ex+	-37.57	1.34	4480	3584	-9.82	-1.53	1.80	99.63	147.25	59.78	SI
1 Piso	P4	Bottom	B245-Ex+	-45.44	1.34	4480	3584	-9.70	-0.47	5.79	100.60	147.25	60.36	SI
1 Piso	P4	Top	B245-Ex-	-39.09	1.34	4480	3584	-11.09	3.54	0.56	124.02	182.59	74.77	SI
1 Piso	P4	Bottom	B245 Ex-	-48.59	1.34	4480	3584	-0.29	6.61	0.01	145.51	223.10	87.31	SI
1 Piso	P4	Top	B245-Ey+	-38.30	1.34	4480	3584	9.88	8.74	0.31	139.55	217.55	83.13	SI
1 Piso	P4	Bottom	B245-Ey+	-46.04	1.34	4480	3584	5.28	9.90	0.15	145.37	223.10	87.22	SI
1 Piso	P4	Top	B245-Ey-	-38.30	1.34	4480	3584	-11.04	4.73	0.85	119.03	182.99	71.42	SI
1 Piso	P4	Bottom	B245-Ey-	-46.98	1.34	4480	3584	-15.31	-3.96	1.08	100.74	147.25	60.44	SI
1 Piso	P4	Top	B246-Wx+	-25.62	1.34	4480	3584	-5.69	1.11	1.44	95.65	147.25	57.39	SI
1 Piso	P4	Bottom	B246-Wx+	-31.27	1.34	4480	3584	2.80	1.59	0.45	128.81	203.07	77.16	SI
1 Piso	P4	Top	B246-Wx-	-25.62	1.34	4480	3584	-5.68	1.11	1.44	95.65	147.25	57.39	SI
1 Piso	P4	Bottom	B246-Wx-	-31.27	1.34	4480	3584	-2.80	1.59	0.46	128.61	203.07	77.16	SI
1 Piso	P4	Top	B246-Wy+	-25.62	1.34	4480	3584	-5.69	1.11	1.44	95.65	147.25	57.39	SI
1 Piso	P4	Bottom	B246-Wy+	-31.27	1.34	4480	3584	-2.80	1.59	0.46	128.61	203.07	77.16	SI
1 Piso	P4	Top	B246-Wy-	-25.62	1.34	4480	3584	-5.69	1.11	1.44	95.65	147.25	57.39	SI
1 Piso	P4	Bottom	B246-Wy-	-31.27	1.34	4480	3584	-2.80	1.59	0.46	128.82	203.07	77.16	SI
1 Piso	P4	Top	B247-Ex+	-23.85	1.34	4480	3584	-8.70	2.60	0.53	122.25	185.11	73.35	SI
1 Piso	P4	Bottom	B247-Ex+	-29.70	1.34	4480	3584	-7.24	-1.03	1.04	98.85	147.25	59.00	SI
1 Piso	P4	Top	B247-Ex-	-23.35	1.34	4480	3584	-8.05	4.57	0.37	132.15	211.94	79.29	SI
1 Piso	P4	Bottom	B247-Ex-	-30.65	1.34	4480	3584	2.25	4.95	0.13	141.57	220.10	84.94	SI
1 Piso	P4	Top	B247-Ey+	-21.97	1.34	4480	3584	-4.83	7.77	0.17	140.00	223.10	84.00	SI
1 Piso	P4	Bottom	B247-Ey+	-30.30	1.34	4480	3584	7.81	8.44	0.26	139.84	223.37	83.91	SI
1 Piso	P4	Top	B247-Ey-	-24.84	1.34	4480	3584	-6.06	-5.70	0.29	136.37	219.73	81.82	SI
1 Piso	P4	Bottom	B247-Ey-	-30.25	1.34	4480	3584	-12.80	-5.42	0.66	118.61	192.28	69.96	SI
1 Piso	P4	Top	B242 G	-42.91	1.34	4480	3584	-12.74	2.47	1.44	99.87	147.25	59.90	SI
1 Piso	P4	Bottom	B242 G	-50.64	1.34	4480	3584	-6.18	3.65	0.47	132.61	201.41	79.57	SI
1 Piso	P4	Top	B243-Wx- G	-37.38	1.34	4480	3584	-8.47	1.70	1.38	98.59	147.25	59.15	SI
1 Piso	P4	Bottom	B243-Wx- G	-44.82	1.34	4480	3584	-3.79	2.39	0.44	132.71	204.33	78.62	SI
1 Piso	P4	Top	B243-Wy- G	-37.38	1.34	4480	3584	-8.47	1.70	1.38	98.59	147.25	59.15	SI
1 Piso	P4	Bottom	B243-Wy- G	-44.82	1.34	4480	3584	-3.79	2.38	0.44	132.71	204.33	79.62	SI
1 Piso	P4	Top	B243 Wx+ G	-37.38	1.34	4480	3584	-8.47	1.70	1.39	98.59	147.25	59.15	SI
1 Piso	P4	Bottom	B243 Wx+ G	-44.82	1.34	4480	3584	-3.79	2.38	0.44	132.71	204.33	79.62	SI
1 Piso	P4	Top	B243-Wy+ G	-37.38	1.34	4480	3584	-8.47	1.70	1.38	98.59	147.25	59.15	SI
1 Piso	P4	Bottom	B243-Wy+ G	-44.82	1.34	4480	3584	-3.79	2.39	0.44	132.71	204.33	78.62	SI
1 Piso	P4	Top	B244-Wx- G	-40.62	1.34	4480	3584	-11.09	2.17	1.43	99.38	147.25	59.64	SI
1 Piso	P4	Bottom	B244-Wx- G	-48.24	1.34	4480	3584	-5.26	3.16	0.46	132.34	202.16	79.40	SI
1 Piso	P4	Top	B244 Wx+ G	-40.62	1.34	4480	3584	-11.08	2.17	1.43	99.39	147.25	59.64	SI
1 Piso	P4	Bottom	B244-Wx+ G	-48.24	1.34	4480	3584	-5.26	3.16	0.46	132.34	202.16	79.40	SI
1 Piso	P4	Top	B244-Wy+ G	-40.62	1.34	4480	3584	-11.08	2.17	1.43	99.39	147.25	59.64	SI
1 Piso	P4	Bottom	B244-Wy+ G	-48.24	1.34	4480	3584	-5.26	3.16	0.46	132.34	202.16	79.40	SI
1 Piso	P5	Top	B241	-15.05	0.79	2620	2096	-0.84	-2.16	0.19	87.05	130.47	49.03	SI
1 Piso	P5	Bottom	B241	-22.27	0.79	2620	2096	3.47	3.50	0.47	75.63	117.73	45.38	SI
1 Piso	P5	Top	B242 Loub	-14.22	0.79	2620	2096	-1.08	-2.90	0.17	81.84	130.47	49.10	SI
1 Piso	P5	Bottom	B242 Loub	-20.89	0.79	2620	2096	3.66	3.85	0.46	76.36	119.68	45.81	SI
1 Piso	P5	Top	B243-Wx+ Loub	-14.14	0.79	2620	2096	-0.87	-1.66	0.25	81.13	131.08	48.68	SI
1 Piso	P5	Bottom	B243-Wx+ Loub	-20.23	0.79	2620	2096	3.14	3.16	0.47	75.23	117.92	45.14	SI
1 Piso	P5	Top	B243-Wx- Loub	-14.14	0.79	2620	2096	-0.87	-1.66	0.25	81.13	131.08	48.68	SI
1 Piso	P5	Bottom	B243-Wx- Loub	-20.23	0.79	2620	2096	3.14	3.16	0.47	75.23	117.92	45.14	SI
1 Piso	P5	Top	B243-Wy+ Loub	-14.14	0.79	2620	2096	-0.87	-1.66	0.25	81.13	131.08	48.68	SI
1 Piso	P5	Bottom	B243-Wy+ Loub	-20.23	0.79	2620	2096	3.14	3.16	0.47	75.23	117.92	45.14	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aasv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P5	Top	B243-Wx- Lcub	-14.94	0.79	2620	2096	-0.87	-1.65	0.25	91.13	138.06	48.88	SI
1 Piso	P5	Bottom	B243-Wx- Lcub	-20.23	0.79	2620	2096	3.74	5.18	0.47	75.23	117.92	45.16	SI
1 Piso	P5	Top	B244-Wx+ Lcub	-14.48	0.79	2620	2096	-1.03	-2.39	0.20	81.91	130.47	49.14	SI
1 Piso	P5	Bottom	B244-Wx+ Lcub	-20.87	0.79	2620	2096	3.44	3.64	0.45	78.05	119.10	45.63	SI
1 Piso	P5	Top	B244-Wx- Lcub	-14.48	0.79	2620	2096	-1.03	-2.38	0.20	81.91	130.47	49.14	SI
1 Piso	P5	Bottom	B244-Wx- Lcub	-20.87	0.79	2620	2096	3.44	3.64	0.45	78.05	119.10	45.63	SI
1 Piso	P5	Top	B244-Wy+ Lcub	-14.48	0.79	2620	2096	-1.03	-2.39	0.20	81.91	130.47	49.14	SI
1 Piso	P5	Bottom	B244-Wy+ Lcub	-20.87	0.79	2620	2096	3.44	3.64	0.45	78.05	119.10	45.63	SI
1 Piso	P5	Top	B244-Wy- Lcub	-14.48	0.79	2620	2096	-1.03	2.38	0.20	81.91	130.47	49.14	SI
1 Piso	P5	Bottom	B244-Wy- Lcub	-20.87	0.79	2620	2096	3.44	3.64	0.45	78.05	119.10	45.63	SI
1 Piso	P5	Top	B245-Ex+	-11.08	0.79	2620	2096	-0.41	-0.42	0.08	81.05	130.47	48.69	SI
1 Piso	P5	Bottom	B245-Ex+	-13.66	0.79	2620	2096	-1.51	2.13	0.34	78.0*	125.75	46.80	SI
1 Piso	P5	Top	B245-Ex-	-10.01	0.79	2620	2096	1.41	-1.62	0.42	76.00	121.20	45.62	SI
1 Piso	P5	Bottom	B245-Ex-	-26.36	0.79	2620	2096	6.16	4.87	0.80	55.87	88.35	32.40	SI
1 Piso	P5	Top	B245-Ey+	-14.40	0.79	2620	2096	-1.06	0.38	1.30	55.79	86.11	33.47	SI
1 Piso	P5	Bottom	B245-Ey+	-22.18	0.79	2620	2096	8.37	6.99	0.57	72.27	111.62	43.38	SI
1 Piso	P5	Top	B245-Ey-	-12.58	0.79	2620	2096	-0.78	-5.43	0.07	81.46	130.47	48.87	SI
1 Piso	P5	Bottom	B245-Ey-	-17.82	0.79	2620	2096	-1.75	0.01	88.17	56.66	88.1:	33.88	SI
1 Piso	P5	Top	B246-Wx+	-10.33	0.79	2620	2096	-0.62	-1.26	0.23	80.87	130.47	48.52	SI
1 Piso	P5	Bottom	B246-Wx+	-14.92	0.79	2620	2096	2.32	2.35	0.47	73.87	117.87	44.32	SI
1 Piso	P5	Top	B246-Wx-	-10.33	0.79	2620	2096	-0.62	1.28	0.23	80.87	130.47	48.52	SI
1 Piso	P5	Bottom	B246-Wx-	-14.92	0.79	2620	2096	2.32	2.35	0.47	73.87	117.87	44.32	SI
1 Piso	P5	Top	B246-Wy+	-10.33	0.79	2620	2096	-0.62	-1.26	0.23	80.87	130.47	48.52	SI
1 Piso	P5	Bottom	B246-Wy+	-14.92	0.79	2620	2096	2.32	2.35	0.47	73.87	117.87	44.32	SI
1 Piso	P5	Top	B246-Wy-	-10.33	0.79	2620	2096	-0.62	1.28	0.23	80.87	130.47	48.52	SI
1 Piso	P5	Bottom	B246-Wy-	-14.92	0.79	2620	2096	2.32	2.35	0.47	73.87	117.87	44.32	SI
1 Piso	P5	Top	B247-Ex+	-7.21	0.79	2620	2096	-0.04	-2.27	0.01	80.09	130.47	48.05	SI
1 Piso	P5	Bottom	B247-Ex+	-7.86	0.79	2620	2096	-2.60	0.67	*.47	54.18	88.1:	32.51	SI
1 Piso	P5	Top	B247-Ex-	-12.14	0.79	2620	2096	1.04	-0.48	1.05	55.22	86.1:	33.13	SI
1 Piso	P5	Bottom	B247-Ex-	-20.67	0.79	2620	2096	7.06	3.82	0.93	59.74	80.32	35.84	SI
1 Piso	P5	Top	B247-Ey+	-10.53	0.79	2620	2096	-0.88	1.54	0.21	80.92	130.47	48.55	SI
1 Piso	P5	Bottom	B247-Ey+	-16.50	0.79	2620	2096	7.29	5.74	0.83	80.67	109.74	41.80	SI
1 Piso	P5	Top	B247-Ey-	-8.83	0.79	2620	2096	-0.34	-4.28	0.04	80.40	130.47	48.28	SI
1 Piso	P5	Bottom	B247-Ey-	-12.14	0.79	2620	2096	-2.89	-1.24	1.00	56.22	88.1:	33.13	SI
1 Piso	P5	Top	B247-G	-19.75	0.79	2620	2096	-1.12	-7.82	0.19	81.97	130.47	49.18	SI
1 Piso	P5	Bottom	B247-G	-21.31	0.79	2620	2096	3.03	2.99	0.44	78.48	119.89	45.69	SI
1 Piso	P5	Top	B243-Wx- G	-15.84	0.79	2620	2096	-1.08	1.42	0.36	77.72	124.26	46.63	SI
1 Piso	P5	Bottom	B243-Wx- G	-21.80	0.79	2620	2096	3.36	3.44	0.47	75.74	118.14	45.45	SI
1 Piso	P5	Top	B243-Wy- G	-15.84	0.79	2620	2096	-1.08	-1.42	0.36	77.72	124.26	46.63	SI
1 Piso	P5	Bottom	B243-Wy- G	-27.80	0.79	2620	2096	3.36	3.44	0.47	75.74	118.14	45.45	SI
1 Piso	P5	Top	B243-Wx+ G	-15.84	0.79	2620	2096	-1.08	-1.42	0.36	77.72	124.26	46.63	SI
1 Piso	P5	Bottom	B243-Wx+ G	-21.80	0.79	2620	2096	0.36	3.44	0.47	75.74	118.14	45.45	SI
1 Piso	P5	Top	B243-Wy+ G	-15.84	0.79	2620	2096	-1.08	-1.42	0.36	77.72	124.26	46.63	SI
1 Piso	P5	Bottom	B243-Wy+ G	-21.80	0.79	2620	2096	3.36	3.44	0.47	75.74	118.14	45.45	SI
1 Piso	P5	Top	B244-Wx- G	-16.01	0.79	2620	2096	-1.09	-2.31	0.22	82.04	130.47	49.22	SI
1 Piso	P5	Bottom	B244-Wx- G	-21.36	0.79	2620	2096	3.51	3.72	0.45	78.20	119.14	45.72	SI
1 Piso	P5	Top	B244-Wx+ G	-15.01	0.79	2620	2096	-1.09	-2.31	0.22	82.04	130.47	49.22	SI
1 Piso	P5	Bottom	B244-Wx+ G	-21.36	0.79	2620	2096	3.51	3.72	0.45	78.20	119.14	45.72	SI
1 Piso	P5	Top	B244-Wy- G	-16.01	0.79	2620	2096	-1.09	-2.31	0.22	82.04	130.47	49.22	SI
1 Piso	P5	Bottom	B244-Wy- G	-21.36	0.79	2620	2096	3.51	3.72	0.45	78.20	119.14	45.72	SI
1 Piso	P5	Top	B244-Wy+ G	-16.01	0.79	2620	2096	-1.09	-2.31	0.22	82.04	130.47	49.22	SI
1 Piso	P5	Bottom	B244-Wy+ G	-21.36	0.79	2620	2096	3.51	3.72	0.45	78.20	119.14	45.72	SI
1 Piso	P8	Top	B247	-48.55	1.09	3910	3128	1.21	-1.06	0.37	114.63	172.66	68.76	SI
1 Piso	P8	Bottom	B247	-50.14	1.09	3910	3128	-8.67	0.97	2.20	85.98	119.94	56.50	SI
1 Piso	P8	Top	B247 Lcub	-68.27	1.09	3910	3128	-1.95	-2.79	0.22	126.11	181.70	75.87	SI
1 Piso	P8	Bottom	B247 Lcub	-69.09	1.09	3910	3128	-8.19	3.03	0.87	98.33	131.22	57.90	SI
1 Piso	P8	Top	B243-Wx+ Lcub	-44.78	1.09	3910	3128	1.52	-0.73	0.87	98.56	147.88	59.74	SI
1 Piso	P8	Bottom	B243-Wx+ Lcub	-48.56	1.09	3910	3128	-8.28	0.74	2.73	84.83	119.94	50.90	SI
1 Piso	P8	Top	B243-Wx- Lcub	-44.76	1.09	3910	3128	1.52	0.73	0.87	98.56	147.88	59.74	SI
1 Piso	P8	Bottom	B243-Wx- Lcub	-48.56	1.09	3910	3128	-8.29	0.74	2.73	84.83	119.94	50.90	SI
1 Piso	P8	Top	B243-Wy+ Lcub	-44.78	1.09	3910	3128	1.52	-0.73	0.87	98.56	147.88	59.74	SI
1 Piso	P8	Bottom	B243-Wy+ Lcub	-48.56	1.09	3910	3128	-8.29	0.74	2.73	84.83	119.94	50.90	SI
1 Piso	P8	Top	B243-Wy- Lcub	-44.76	1.09	3910	3128	1.52	-0.73	0.87	98.56	147.88	59.74	SI
1 Piso	P8	Bottom	B243-Wy- Lcub	-48.56	1.09	3910	3128	-0.29	0.74	2.73	84.83	119.94	50.90	SI
1 Piso	P8	Top	B244-Wx+ Lcub	-60.20	1.09	3910	3128	-0.54	-1.87	0.09	124.09	181.73	74.45	SI
1 Piso	P8	Bottom	B244-Wx+ Lcub	-62.07	1.09	3910	3128	-7.62	2.15	1.13	88.21	119.94	52.93	SI
1 Piso	P8	Top	B244-Wx- Lcub	-60.20	1.09	3910	3128	-0.54	-1.87	0.09	124.09	181.73	74.45	SI
1 Piso	P8	Bottom	B244-Wx- Lcub	-62.07	1.09	3910	3128	-7.62	2.15	1.13	88.21	119.94	52.93	SI
1 Piso	P8	Top	B244-Wy+ Lcub	-60.20	1.09	3910	3128	-0.54	-1.87	0.09	124.09	181.73	74.45	SI
1 Piso	P8	Bottom	B244-Wy+ Lcub	-62.07	1.09	3910	3128	-7.62	2.15	1.13	88.21	119.94	52.93	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acver (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P6	Top	B244-Wy- Loub	-60.20	1.09	3810	3128	-0.54	-1.97	0.09	124.09	181.73	76.85	SI
1 Piso	P6	Bottom	B244-Wy- Loub	-62.07	1.09	3810	3128	7.82	2.15	1.13	88.23	110.94	52.83	SI
1 Piso	P6	Top	B245-Ex+	-60.20	1.09	3910	3128	8.04	7.34	0.26	120.60	182.16	72.96	SI
1 Piso	P6	Bottom	B245 Ex+	-61.00	1.09	3910	3128	8.30	-2.60	1.02	82.96	119.94	49.77	SI
1 Piso	P6	Top	B245-Ex-	-65.38	1.09	3910	3128	-7.84	3.34	0.76	100.86	140.87	60.52	SI
1 Piso	P6	Bottom	B245-Ex-	-78.58	1.09	3910	3128	22.73	7.00	1.03	82.34	119.94	55.40	SI
1 Piso	P6	Top	B245-Ey+	-52.75	1.09	3910	3128	-5.46	10.41	0.17	122.23	181.73	73.04	SI
1 Piso	P6	Bottom	B245-Ey+	-53.79	1.09	3810	3128	2.87	12.46	0.07	122.49	181.73	73.49	SI
1 Piso	P6	Top	B245-Ey-	-67.91	1.09	3910	3128	3.66	-14.62	0.08	124.77	181.73	74.86	SI
1 Piso	P6	Bottom	B245-Ey-	-65.78	1.09	3910	3128	-17.22	-8.02	0.89	109.96	146.17	62.39	SI
1 Piso	P6	Top	B246-Wx+	-32.97	1.09	3910	3128	1.03	-0.58	0.57	101.45	158.28	60.87	SI
1 Piso	P6	Bottom	B246-Wx+	-35.75	1.09	3910	3128	4.60	0.57	2.56	81.63	119.94	48.98	SI
1 Piso	P6	Top	B246-Wx-	-32.87	1.09	3910	3128	1.03	-0.58	0.57	101.45	158.28	60.87	SI
1 Piso	P6	Bottom	B246-Wx-	-35.75	1.09	3910	3128	-4.58	0.57	2.54	81.63	119.94	48.96	SI
1 Piso	P6	Top	B246-Wy+	-32.87	1.09	3810	3128	1.03	-0.58	0.57	101.45	158.28	60.87	SI
1 Piso	P6	Bottom	B246-Wy+	-35.75	1.09	3810	3128	-4.58	0.57	2.56	81.63	119.94	48.98	SI
1 Piso	P6	Top	B246-Wy-	-32.87	1.09	3910	3128	1.03	-0.58	0.57	101.45	158.28	60.87	SI
1 Piso	P6	Bottom	B246-Wy-	-35.75	1.09	3910	3128	-4.58	0.57	2.56	81.63	119.94	48.98	SI
1 Piso	P6	Top	B247-Ex+	-23.68	1.09	3910	3128	7.71	-8.12	0.40	106.87	180.83	64.09	SI
1 Piso	P6	Bottom	B247-Ex+	-15.37	1.09	3910	3128	11.27	-4.22	0.85	83.64	132.16	50.06	SI
1 Piso	P6	Top	B247-Ex-	-38.75	1.09	3910	3128	-8.16	4.77	0.41	110.13	169.03	66.08	SI
1 Piso	P6	Bottom	B247-Ex-	-52.96	1.09	3910	3128	-19.84	5.47	1.16	85.03	119.94	51.56	SI
1 Piso	P6	Top	B247-Ey+	-28.13	1.09	3910	3128	-3.79	11.84	0.10	115.57	181.73	69.34	SI
1 Piso	P6	Bottom	B247-Ey+	-28.10	1.09	3910	3128	5.79	10.65	0.17	116.08	181.73	69.66	SI
1 Piso	P6	Top	B247-Ey-	-36.20	1.09	3910	3128	5.34	-13.19	0.13	118.11	181.73	70.87	SI
1 Piso	P6	Bottom	B247 Ey-	-40.15	1.09	3910	3128	-14.33	-9.62	0.48	107.47	163.71	64.48	SI
1 Piso	P6	Top	B242 G	-89.82	1.09	3910	3128	-1.75	-2.71	0.21	126.44	181.73	75.87	SI
1 Piso	P6	Bottom	B242 G	-70.32	1.09	3910	3128	-8.44	2.99	0.90	94.85	128.03	56.91	SI
1 Piso	P6	Top	B243-Wx- G	-69.05	1.09	3910	3128	2.17	-0.49	1.41	84.08	119.94	50.97	SI
1 Piso	P6	Bottom	B243-Wx- G	-52.69	1.09	3910	3128	-7.09	0.61	3.72	85.87	119.94	51.52	SI
1 Piso	P6	Top	B243-Wy- G	-49.05	1.09	3910	3128	2.17	0.49	1.41	84.96	119.94	50.97	SI
1 Piso	P6	Bottom	B243-Wy- G	-52.89	1.09	3910	3128	-7.09	0.61	3.72	85.87	119.94	51.52	SI
1 Piso	P6	Top	B243-Wx+ G	-49.05	1.09	3910	3128	2.17	-0.49	1.41	84.96	119.94	50.97	SI
1 Piso	P6	Bottom	B243-Wx+ G	-52.09	1.09	3910	3128	-7.09	0.61	3.72	85.87	119.94	51.52	SI
1 Piso	P6	Top	B243-Wy+ G	-49.05	1.09	3910	3128	2.17	-0.49	1.41	84.96	119.94	50.97	SI
1 Piso	P6	Bottom	B243-Wy+ G	-52.69	1.09	3910	3128	-7.08	0.61	3.72	85.87	119.94	51.52	SI
1 Piso	P6	Top	B244-Wx- G	-61.54	1.09	3910	3128	-0.33	1.90	0.06	124.43	181.73	74.66	SI
1 Piso	P6	Bottom	B244-Wx- G	-63.36	1.09	3910	3128	-7.86	2.11	1.18	88.53	119.94	53.12	SI
1 Piso	P6	Top	B244-Wx+ G	-61.54	1.09	3910	3128	-0.33	-1.90	0.06	124.43	181.73	74.66	SI
1 Piso	P6	Bottom	B244-Wx+ G	-63.36	1.09	3910	3128	-7.86	2.11	1.18	88.53	119.94	53.12	SI
1 Piso	P6	Top	B244-Wy- G	-61.54	1.09	3910	3128	-0.33	-1.90	0.06	124.43	181.73	74.66	SI
1 Piso	P6	Bottom	B244-Wy- G	-63.36	1.09	3910	3128	-7.86	2.11	1.18	88.53	119.94	53.12	SI
1 Piso	P6	Top	B244-Wy+ G	-61.54	1.09	3910	3128	-0.33	-1.90	0.06	124.43	181.73	74.66	SI
1 Piso	P6	Bottom	B244 Wy+ G	-63.36	1.09	3910	3128	-7.86	2.11	1.18	88.53	119.94	53.12	SI
1 Piso	P8	Top	B241	-48.12	0.98	3510	2808	0.05	0.28	0.09	109.92	163.14	65.95	SI
1 Piso	P8	Bottom	B241	-42.48	0.98	3510	2808	0.13	0.14	0.35	103.57	156.68	62.14	SI
1 Piso	P8	Top	B242 Loub	-66.98	0.98	3510	2808	0.11	0.52	0.07	114.03	163.14	68.78	SI
1 Piso	P8	Bottom	B242 Loub	-65.21	0.98	3510	2808	0.18	0.48	0.14	111.69	163.14	67.01	SI
1 Piso	P8	Top	B243 Wx+ Loub	-44.82	0.98	3510	2808	0.04	0.25	0.06	109.09	163.14	65.45	SI
1 Piso	P8	Bottom	B243-Wx+ Loub	-39.01	0.98	3510	2808	0.12	0.13	0.34	103.17	157.49	61.90	SI
1 Piso	P8	Top	B243-Wx- Loub	-44.82	0.98	3510	2808	0.04	0.25	0.06	109.09	163.14	65.45	SI
1 Piso	P8	Bottom	B243-Wx- Loub	-39.01	0.98	3510	2808	0.12	0.13	0.34	103.17	157.49	61.90	SI
1 Piso	P8	Top	B243-Wy+ Loub	-44.82	0.98	3510	2808	0.04	0.25	0.06	109.09	163.14	65.45	SI
1 Piso	P8	Bottom	B243-Wy+ Loub	-39.01	0.98	3510	2808	0.12	0.13	0.34	103.17	157.49	61.90	SI
1 Piso	P8	Top	B244-Wx+ Loub	-59.62	0.98	3510	2808	-0.05	0.43	0.04	112.77	163.14	67.66	SI
1 Piso	P8	Bottom	B244-Wx+ Loub	-49.75	0.98	3510	2808	0.16	0.36	0.16	110.32	163.14	66.19	SI
1 Piso	P8	Top	B244-Wx- Loub	-59.52	0.98	3510	2808	-0.05	0.43	0.04	112.77	163.14	67.66	SI
1 Piso	P8	Bottom	B244 Wx- Loub	-49.75	0.98	3510	2808	0.16	0.36	0.16	110.32	163.14	66.19	SI
1 Piso	P8	Top	B244-Wy+ Loub	-59.52	0.98	3510	2808	-0.05	0.43	0.04	112.77	163.14	67.66	SI
1 Piso	P8	Bottom	B244-Wy+ Loub	-49.75	0.98	3510	2808	0.16	0.36	0.16	110.32	163.14	66.19	SI
1 Piso	P8	Top	B244-Wy- Loub	-59.52	0.98	3510	2808	-0.05	0.43	0.04	112.77	163.14	67.66	SI
1 Piso	P8	Bottom	B244-Wy- Loub	-49.75	0.98	3510	2808	0.16	0.38	0.16	110.32	163.14	66.19	SI
1 Piso	P8	Top	B245-Ex+	-57.56	0.98	3510	2808	0.48	-0.10	1.75	79.65	107.87	47.79	SI
1 Piso	P8	Bottom	B245-Ex+	-48.27	0.98	3510	2808	0.09	-0.17	0.20	109.95	163.14	65.97	SI
1 Piso	P8	Top	B245-Ex-	-66.08	0.98	3510	2808	-0.56	0.63	0.22	111.90	163.14	67.14	SI
1 Piso	P8	Bottom	B245-Ex-	-47.31	0.98	3510	2808	0.23	0.88	0.09	109.71	163.14	65.83	SI
1 Piso	P8	Top	B245-Ey+	-37.01	0.98	3510	2808	-7.27	14.94	0.17	112.14	163.14	67.28	SI
1 Piso	P8	Bottom	B245-Ey+	-47.87	0.98	3510	2808	8.04	8.85	0.29	100.85	163.14	85.91	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aenv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	øVn (ton)	Cumple
1 Piso	P8	Top	B245 Ey-	-56.82	0.98	3510	2808	7.17	-7.10	0.18	112.04	163.14	67.23	SI
1 Piso	P8	Bottom	B245-Ey-	-47.72	0.98	3510	2808	-4.66	-3.16	0.20	108.81	163.14	65.69	SI
1 Piso	P8	Top	B248-Wx+	-32.81	0.98	3510	2808	0.03	0.09	0.05	106.09	163.14	63.65	SI
1 Piso	P8	Bottom	B246 Wx+	28.69	0.98	3510	2808	0.09	0.09	0.34	100.45	157.28	60.27	SI
1 Piso	P8	Top	B248 Wx-	32.81	0.98	3510	2808	0.03	0.19	0.06	108.09	163.14	63.65	SI
1 Piso	P8	Bottom	B248-Wx-	-28.68	0.98	3510	2808	0.09	0.09	0.34	100.45	157.28	60.27	SI
1 Piso	P8	Top	B246-Wy+	-32.81	0.98	3510	2808	0.03	0.19	0.06	108.09	163.14	63.65	SI
1 Piso	P8	Bottom	B246-Wy+	-28.68	0.98	3510	2808	0.09	0.09	0.34	100.45	157.28	60.27	SI
1 Piso	P8	Top	B246-Wy-	32.81	0.98	3510	2808	0.03	0.19	0.06	108.09	163.14	63.65	SI
1 Piso	P8	Bottom	B248 Wy-	-28.68	0.98	3510	2808	0.09	0.09	0.34	100.45	157.28	60.27	SI
1 Piso	P8	Top	B247-Ex+	-31.72	0.98	3510	2808	0.56	-0.34	0.59	80.41	138.15	54.24	SI
1 Piso	P8	Bottom	B247-Ex+	-27.90	0.98	3510	2808	0.02	-0.43	0.07	134.84	163.14	62.90	SI
1 Piso	P8	Top	B247-Ex-	-30.17	0.98	3510	2808	-0.50	0.79	0.28	104.38	163.50	62.63	SI
1 Piso	P8	Bottom	B247-Ex-	-26.84	0.98	3510	2808	0.15	0.60	0.08	104.58	163.14	62.76	SI
1 Piso	P8	Top	B247-Ey+	-31.12	0.98	3510	2808	-7.10	14.70	0.17	105.67	163.14	63.40	SI
1 Piso	P8	Bottom	B247-Ey+	27.40	0.98	3510	2808	4.93	8.58	0.20	104.73	163.14	62.84	SI
1 Piso	P8	Top	B247-Ey-	-30.75	0.98	3510	2808	7.25	-14.34	0.18	100.67	163.14	60.34	SI
1 Piso	P8	Bottom	B247-Ey-	-27.24	0.98	3510	2808	-4.76	-8.42	0.20	104.70	163.14	62.82	SI
1 Piso	P8	Top	B242 G	-58.51	0.98	3510	2808	-0.11	0.50	0.07	115.01	163.14	69.01	SI
1 Piso	P8	Bottom	B242 G	-58.31	0.98	3510	2808	0.19	0.48	0.14	111.96	163.14	67.18	SI
1 Piso	P8	Top	B243 Wx- G	-49.70	0.98	3510	2808	0.04	0.27	0.06	110.31	163.14	66.19	SI
1 Piso	P8	Bottom	B243-Wx- G	-42.54	0.98	3510	2808	0.13	0.14	0.32	104.58	156.43	62.75	SI
1 Piso	P8	Top	B243-Wy+ G	-49.70	0.98	3510	2808	0.04	0.27	0.06	110.31	163.14	66.19	SI
1 Piso	P8	Bottom	B243-Wy+ G	-42.54	0.98	3510	2808	0.13	0.14	0.32	104.58	156.43	62.75	SI
1 Piso	P8	Top	B243-Wy- G	-49.70	0.98	3510	2808	0.04	0.27	0.06	110.31	163.14	66.19	SI
1 Piso	P8	Bottom	B243-Wy- G	-42.54	0.98	3510	2808	0.13	0.14	0.32	104.58	156.43	62.75	SI
1 Piso	P8	Top	B244-Wx- G	-61.05	0.98	3510	2808	-0.05	0.43	0.04	113.15	169.14	67.89	SI
1 Piso	P8	Bottom	B244-Wx- G	-50.85	0.98	3510	2808	0.17	0.36	0.16	110.60	163.14	66.36	SI
1 Piso	P8	Top	B244-Wx+ G	-61.05	0.98	3510	2808	-0.05	0.43	0.04	113.15	169.14	67.89	SI
1 Piso	P8	Bottom	B244-Wx+ G	50.85	0.98	3510	2808	0.17	0.36	0.16	110.60	163.14	66.36	SI
1 Piso	P8	Top	B244-Wy- G	-61.05	0.98	3510	2808	-0.05	0.43	0.04	113.15	169.14	67.89	SI
1 Piso	P8	Bottom	B244-Wy- G	-50.85	0.98	3510	2808	0.17	0.36	0.16	110.60	163.14	66.36	SI
1 Piso	P8	Top	B244-Wy+ G	-61.05	0.98	3510	2808	-0.05	0.43	0.04	113.15	169.14	67.89	SI
1 Piso	P8	Bottom	B244-Wy+ G	-50.85	0.98	3510	2808	0.17	0.36	0.16	110.60	163.14	66.36	SI
1 Piso	P9	Top	B242	-50.47	1.09	3910	3120	0.83	1.50	0.12	121.66	181.73	73.00	SI
1 Piso	P9	Bottom	B241	-58.78	1.09	3910	3128	9.55	-1.89	1.87	86.89	119.84	52.13	SI
1 Piso	P9	Top	B242 Loub	-66.93	1.09	3910	3128	-4.64	9.57	0.42	116.63	160.84	70.15	SI
1 Piso	P9	Bottom	B242 Loub	-66.70	1.09	3910	3128	8.57	-0.38	0.37	89.72	119.84	53.83	SI
1 Piso	P9	Top	B243-Wx+ Loub	-48.42	1.09	3910	3120	0.18	1.10	0.05	120.64	181.73	72.39	SI
1 Piso	P9	Bottom	B243-Wx+ Loub	-51.89	1.09	3910	3128	9.04	-1.35	2.14	85.67	119.84	51.40	SI
1 Piso	P9	Top	B243-Wx- Loub	46.42	1.09	3910	3128	0.16	1.10	0.05	120.64	181.73	72.39	SI
1 Piso	P9	Bottom	B243-Wx- Loub	-51.80	1.09	3910	3128	9.04	-1.35	2.14	85.67	119.84	51.40	SI
1 Piso	P9	Top	B243-Wy+ Loub	-48.42	1.09	3910	3128	0.16	1.10	0.05	120.64	181.73	72.39	SI
1 Piso	P9	Bottom	B243-Wy+ Loub	-51.89	1.09	3910	3128	9.04	1.35	2.14	85.67	119.84	51.40	SI
1 Piso	P8	Top	B243-Wy- Loub	-48.42	1.09	3910	3128	0.16	1.10	0.05	120.64	181.73	72.39	SI
1 Piso	P8	Bottom	B243-Wy- Loub	-51.89	1.09	3910	3128	9.04	-1.35	2.14	85.67	119.84	51.40	SI
1 Piso	P9	Top	B244-Wx+ Loub	-50.81	1.09	3910	3128	-2.82	2.59	0.38	117.77	175.34	70.66	SI
1 Piso	P9	Bottom	B244-Wx+ Loub	-62.70	1.09	3910	3128	8.95	-0.70	4.10	88.39	119.84	53.03	SI
1 Piso	P9	Top	B244-Wx- Loub	-59.61	1.09	3910	3128	-2.82	2.59	0.38	117.77	175.34	70.66	SI
1 Piso	P8	Bottom	B244-Wx- Loub	-62.76	1.09	3910	3128	8.95	0.70	4.10	88.39	119.84	53.03	SI
1 Piso	P9	Top	B244-Wy+ Loub	-59.61	1.09	3910	3128	2.82	2.59	0.38	117.77	175.34	70.66	SI
1 Piso	P9	Bottom	B244-Wy+ Loub	-62.79	1.09	3910	3128	8.95	-0.70	4.10	88.39	119.84	53.03	SI
1 Piso	P9	Top	B244-Wy- Loub	59.61	1.09	3910	3128	-2.82	2.59	0.38	117.77	175.34	70.66	SI
1 Piso	P8	Bottom	B244-Wy- Loub	-62.79	1.09	3910	3128	8.95	-0.70	4.10	88.39	119.84	53.03	SI
1 Piso	P9	Top	B245-Ex+	-54.89	1.09	3910	3128	-5.34	4.54	0.38	115.78	172.07	69.47	SI
1 Piso	P9	Bottom	B245-Ex+	-51.70	1.09	3910	3128	0.08	0.02	0.02	121.97	181.73	72.18	SI
1 Piso	P9	Top	B245-Ex-	-59.98	1.09	3910	3128	0.03	1.00	0.01	124.03	181.73	74.42	SI
1 Piso	P9	Bottom	B245-Ex-	-69.00	1.09	3910	3128	16.54	-2.38	2.21	89.94	119.84	53.97	SI
1 Piso	P9	Top	B245-Ey+	-62.25	1.09	3910	3128	-7.77	16.13	0.15	124.00	181.73	74.76	SI
1 Piso	P9	Bottom	B245-Ey+	-66.23	1.09	3910	3128	19.07	10.21	0.80	106.30	153.64	64.96	SI
1 Piso	P9	Top	B245-Ey-	-52.20	1.09	3910	3128	2.46	-10.60	0.07	122.08	181.73	73.25	SI
1 Piso	P8	Bottom	B245-Ey-	-54.47	1.09	3910	3128	-2.47	11.89	0.07	122.05	181.73	73.58	SI
1 Piso	P9	Top	B248-Wx+	-34.11	1.09	3910	3128	0.20	0.88	0.07	117.57	181.73	70.54	SI
1 Piso	P9	Bottom	B248-Wx+	-38.20	1.09	3910	3128	6.69	-1.02	2.06	82.24	119.84	49.35	SI
1 Piso	P9	Top	B246-Wx-	-34.11	1.09	3910	3128	0.20	0.88	0.07	117.57	181.73	70.54	SI
1 Piso	P9	Bottom	B248-Wx-	-38.20	1.09	3910	3128	6.69	1.02	2.06	82.24	119.84	49.35	SI
1 Piso	P9	Top	B248-Wy+	-34.11	1.09	3910	3128	0.20	0.88	0.07	117.57	181.73	70.54	SI
1 Piso	P9	Bottom	B248-Wy+	-38.20	1.09	3910	3128	6.69	-1.02	2.06	82.24	119.84	49.35	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aswv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn Max (ton)	ΦVn (ton)	Cumple
1 Piso	P9	Top	B248-Wy-	-34.11	1.09	3910	3128	0.20	0.88	0.07	177.57	181.73	70.54	SI
1 Piso	P9	Bottom	B246-Wy-	-39.20	1.09	3910	3128	8.50	1.02	2.00	82.24	119.94	49.35	SI
1 Piso	P9	Top	B247-Ex+	-29.71	1.09	3910	3128	-2.30	2.77	0.27	114.82	181.33	68.80	SI
1 Piso	P9	Bottom	B247-Ex+	-27.85	1.09	3910	3128	2.11	0.61	0.11	79.68	119.94	47.79	SI
1 Piso	P9	Top	B247-Ex-	-35.18	1.09	3910	3128	3.07	-0.77	1.27	87.49	119.94	45.58	SI
1 Piso	P9	Bottom	B247-Ex-	-45.15	1.09	3910	3128	14.36	2.70	1.70	80.98	119.94	50.19	SI
1 Piso	P9	Top	B247-Ey+	-37.47	1.09	3910	3128	-4.73	14.37	0.11	118.41	181.73	71.04	SI
1 Piso	P9	Bottom	B247-Ey+	-42.99	1.09	3910	3128	16.91	8.90	0.55	104.75	157.91	62.85	SI
1 Piso	P9	Top	B247-Ey-	-27.42	1.09	3910	3128	5.50	-12.36	0.14	115.90	181.73	69.54	SI
1 Piso	P9	Bottom	B247-Ey-	-36.62	1.09	3910	3128	-4.03	-12.00	0.12	116.70	181.73	70.02	SI
1 Piso	P9	Top	B247-G	-67.08	1.09	3910	3128	-4.79	3.47	0.44	116.01	180.05	69.61	SI
1 Piso	P9	Bottom	B247-G	-69.48	1.09	3910	3128	5.94	-0.31	6.34	90.06	119.94	54.04	SI
1 Piso	P9	Top	B248-Wx- G	-50.73	1.09	3910	3128	-0.33	0.77	0.14	121.72	181.73	73.03	SI
1 Piso	P9	Bottom	B248-Wx- G	-56.29	1.09	3910	3128	10.20	-1.28	2.55	88.77	119.94	52.06	SI
1 Piso	P9	Top	B248-Wy+ G	-50.73	1.09	3910	3128	-0.33	0.77	0.14	121.72	181.73	73.03	SI
1 Piso	P9	Bottom	B248-Wy+ G	-56.29	1.09	3910	3128	10.20	-1.28	2.55	88.77	119.94	52.06	SI
1 Piso	P9	Top	B243-Wx+ G	-50.73	1.09	3910	3128	-0.33	0.77	0.14	121.72	181.73	73.03	SI
1 Piso	P9	Bottom	B243-Wx+ G	-56.29	1.09	3910	3128	10.20	-1.28	2.55	88.77	119.94	52.06	SI
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	3910	3128	-0.33	0.77	0.14	121.72	181.73	73.03	SI
1 Piso	P9	Bottom	B243-Wy+ G	-56.29	1.09	3910	3128	10.20	-1.28	2.55	88.77	119.94	52.06	SI
1 Piso	P9	Top	B244-Wx- G	-84.16	1.09	3910	3128	-3.07	2.48	0.40	118.49	170.47	69.69	SI
1 Piso	P9	Bottom	B244-Wx- G	-90.96	1.09	3910	3128	9.31	-0.66	4.40	88.73	119.94	53.24	SI
1 Piso	P9	Top	B244-Wx+ G	-84.16	1.09	3910	3128	-3.07	2.48	0.40	118.49	170.47	69.69	SI
1 Piso	P9	Bottom	B244-Wx+ G	-90.96	1.09	3910	3128	9.31	-0.66	4.40	88.73	119.94	53.24	SI
1 Piso	P9	Top	B244-Wy- G	-84.16	1.09	3910	3128	-3.07	2.48	0.40	118.49	170.47	69.69	SI
1 Piso	P9	Bottom	B244-Wy- G	-90.96	1.09	3910	3128	9.31	-0.66	4.40	88.73	119.94	53.24	SI
1 Piso	P9	Top	B244-Wy+ G	-84.16	1.09	3910	3128	-3.07	2.48	0.40	118.49	170.47	69.69	SI
1 Piso	P10	Top	B241	-40.93	1.63	5420	4336	19.21	0.45	6.72	146.20	179.14	70.92	SI
1 Piso	P10	Bottom	B241	-55.25	1.63	5420	4336	31.55	-1.10	2.45	121.70	178.14	73.07	SI
1 Piso	P10	Top	B242 Loub	-44.62	1.63	5420	4336	18.98	1.12	3.66	119.12	178.14	71.47	SI
1 Piso	P10	Bottom	B242 Loub	-56.78	1.63	5420	4336	17.39	-1.28	3.19	122.36	178.14	73.30	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	5420	4336	12.38	0.25	11.31	167.27	178.14	70.36	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-49.63	1.63	5420	4336	10.34	-1.00	2.39	120.37	178.14	72.22	SI
1 Piso	P10	Top	B243-Wx- Loub	-37.23	1.63	5420	4336	12.38	0.25	11.31	167.27	178.14	70.36	SI
1 Piso	P10	Bottom	B243-Wx- Loub	-49.63	1.63	5420	4336	10.34	-1.00	2.39	120.37	178.14	72.22	SI
1 Piso	P10	Top	B243-Wy+ Loub	-37.23	1.63	5420	4336	12.38	0.25	11.31	167.27	178.14	70.36	SI
1 Piso	P10	Bottom	B243-Wy+ Loub	-49.63	1.63	5420	4336	10.34	-1.00	2.39	120.37	178.14	72.22	SI
1 Piso	P10	Top	B243-Wy- Loub	-37.23	1.63	5420	4336	12.38	0.25	11.31	167.27	178.14	70.36	SI
1 Piso	P10	Bottom	B243-Wy- Loub	-49.63	1.63	5420	4336	10.34	-1.00	2.39	120.37	178.14	72.22	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.38	1.63	5420	4336	16.70	0.76	5.04	118.56	178.14	71.13	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	5420	4336	14.85	-1.19	2.88	121.63	178.14	72.96	SI
1 Piso	P10	Top	B244-Wx- Loub	-42.38	1.63	5420	4336	16.70	0.76	5.04	118.56	178.14	71.13	SI
1 Piso	P10	Bottom	B244-Wx- Loub	-54.64	1.63	5420	4336	14.85	-1.19	2.88	121.63	178.14	72.96	SI
1 Piso	P10	Top	B244-Wy+ Loub	-42.38	1.63	5420	4336	16.70	0.76	5.04	118.56	178.14	71.13	SI
1 Piso	P10	Bottom	B244-Wy+ Loub	-54.64	1.63	5420	4336	14.85	-1.19	2.88	121.63	178.14	72.96	SI
1 Piso	P10	Top	B244-Wy- Loub	-42.38	1.63	5420	4336	16.70	0.76	5.04	118.56	178.14	71.13	SI
1 Piso	P10	Bottom	B244-Wy- Loub	-54.64	1.63	5420	4336	14.85	-1.19	2.88	121.63	178.14	72.96	SI
1 Piso	P10	Top	B245-Ex+	-46.00	1.63	5420	4336	58.15	-0.95	8.24	119.85	178.14	71.77	SI
1 Piso	P10	Bottom	B245-Ex+	-59.37	1.63	5420	4336	30.03	-2.71	2.55	122.81	178.14	73.65	SI
1 Piso	P10	Top	B245-Ex-	-34.68	1.63	5420	4336	-8.95	2.89	0.64	148.63	234.67	89.12	SI
1 Piso	P10	Bottom	B245-Ex-	-48.49	1.63	5420	4336	-0.90	0.42	0.51	151.67	235.28	91.12	SI
1 Piso	P10	Top	B245-Ey+	-38.55	1.63	5420	4336	18.57	17.77	0.24	171.58	268.91	102.85	SI
1 Piso	P10	Bottom	B245-Ey+	-56.67	1.63	5420	4336	50.17	15.27	0.78	138.12	206.21	83.47	SI
1 Piso	P10	Top	B245-Ey-	-42.92	1.63	5420	4336	19.23	-16.03	0.19	172.68	269.91	103.61	SI
1 Piso	P10	Bottom	B245-Ey-	-49.19	1.63	5420	4336	-21.14	17.58	0.28	170.86	267.80	102.57	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	5420	4336	9.05	0.22	9.50	114.83	178.14	68.80	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	5420	4336	7.66	-0.73	2.40	117.14	178.14	70.29	SI
1 Piso	P10	Top	B246-Wx-	-27.44	1.63	5420	4336	9.05	0.22	9.50	114.83	178.14	68.80	SI
1 Piso	P10	Bottom	B246-Wx-	-36.71	1.63	5420	4336	7.66	-0.73	2.40	117.14	178.14	70.29	SI
1 Piso	P10	Top	B246-Wy+	-27.44	1.63	5420	4336	9.05	0.22	9.50	114.83	178.14	68.80	SI
1 Piso	P10	Bottom	B246-Wy+	-36.71	1.63	5420	4336	7.66	-0.73	2.40	117.14	178.14	70.29	SI
1 Piso	P10	Top	B246-Wy-	-27.44	1.63	5420	4336	9.05	0.22	9.50	114.83	178.14	68.80	SI
1 Piso	P10	Bottom	B246-Wy-	-36.71	1.63	5420	4336	7.66	-0.73	2.40	117.14	178.14	70.29	SI
1 Piso	P10	Top	B247-Ex+	-32.17	1.63	5420	4336	30.74	-2.53	4.64	116.01	178.14	69.60	SI
1 Piso	P10	Bottom	B247-Ex+	-47.86	1.63	5420	4336	29.94	-2.27	2.33	118.40	178.14	71.07	SI
1 Piso	P10	Top	B247-Ex-	-20.45	1.63	5420	4336	-13.76	2.15	1.50	113.09	178.14	67.85	SI
1 Piso	P10	Bottom	B247-Ex-	-39.06	1.63	5420	4336	-8.79	0.88	2.16	115.23	178.14	69.14	SI
1 Piso	P10	Top	B247-Ey+	24.12	1.63	5420	4336	11.16	17.19	0.15	167.96	259.67	100.78	SI
1 Piso	P10	Bottom	B247-Ey+	39.28	1.63	5420	4336	43.08	15.71	0.63	143.57	220.77	86.14	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m²)	Lm (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
2 Piso	P10	Top	B247-Ey-	-28.50	1.63	5420	4336	5.82	16.81	0.00	169.07	289.91	101.44	SI
1 Piso	P10	Bottom	B247-Ey-	-31.75	1.63	5420	4336	-29.20	-17.12	0.38	159.40	256.08	95.64	SI
1 Piso	P10	Top	B242 G	-45.54	1.63	5420	4336	19.35	1.07	4.10	159.35	278.14	71.61	SI
1 Piso	P10	Bottom	B242 G	-57.76	1.63	5420	4336	17.58	-1.30	3.11	322.41	278.14	73.44	SI
1 Piso	P10	Top	B243-Wx- G	-40.17	1.63	5420	4336	10.84	0.07	48.22	118.01	278.14	70.80	SI
1 Piso	P10	Bottom	B243-Wx- G	-52.73	1.63	5420	4336	10.84	-1.07	2.36	121.15	278.14	72.69	SI
1 Piso	P10	Top	B243-Wx- G	-40.17	1.62	5420	4336	13.64	0.07	48.22	118.01	278.14	70.80	SI
1 Piso	P10	Bottom	B243-Wy- G	-52.73	1.63	5420	4336	10.94	-1.07	2.36	121.15	278.14	72.69	SI
1 Piso	P10	Top	B243-Wx+ G	-40.17	1.63	5420	4336	10.84	0.07	48.22	118.01	278.14	70.80	SI
1 Piso	P10	Bottom	B243-Wx+ G	-52.73	1.63	5420	4336	10.94	-1.07	2.36	121.15	278.14	72.69	SI
1 Piso	P10	Top	B243-Wy+ G	-40.17	1.63	5420	4336	13.64	0.07	48.22	118.01	278.14	70.80	SI
1 Piso	P10	Bottom	B243-Wy+ G	-52.73	1.63	5420	4336	10.94	-1.07	2.36	121.15	278.14	72.69	SI
1 Piso	P10	Top	B244-Wx- G	-43.28	1.63	5420	4336	10.68	-1.07	2.36	121.15	278.14	72.69	SI
1 Piso	P10	Bottom	B244-Wx- G	-55.01	1.63	5420	4336	17.16	0.71	5.60	118.78	278.14	71.27	SI
1 Piso	P10	Top	B244-Wx+ G	-43.28	1.63	5420	4336	15.04	-1.21	2.96	121.87	278.14	73.12	SI
1 Piso	P10	Bottom	B244-Wx+ G	-55.01	1.63	5420	4336	17.16	0.71	5.60	118.78	278.14	71.27	SI
1 Piso	P10	Top	B244-Wy- G	-43.28	1.63	5420	4336	17.16	0.71	5.60	118.78	278.14	71.27	SI
1 Piso	P10	Bottom	B244-Wy- G	-55.01	1.63	5420	4336	15.04	-1.21	2.96	121.87	278.14	73.12	SI
1 Piso	P10	Top	B244-Wy+ G	-43.28	1.63	5420	4336	17.16	0.71	5.60	118.78	278.14	71.27	SI
1 Piso	P10	Bottom	B244-Wy+ G	-55.01	1.63	5420	4336	15.04	-1.21	2.96	121.87	278.14	73.12	SI
2 Piso	P11	Top	B241	-46.57	1.83	6090	4872	1.26	-2.46	0.11	193.01	303.28	116.17	SI
1 Piso	P11	Bottom	B241	-68.91	1.83	6090	4872	4.67	-1.40	1.27	139.06	200.16	82.82	SI
1 Piso	P11	Top	B242 Lcub	52.02	1.83	6090	4872	8.14	3.03	0.55	169.61	262.81	101.77	SI
1 Piso	P11	Bottom	B242 Lcyb	70.21	1.83	6090	4872	17.21	2.05	1.72	138.86	200.16	83.92	SI
1 Piso	P11	Top	B243-Wx+ Lcub	-42.72	1.83	6090	4872	1.81	-2.38	0.16	192.85	303.28	115.59	SI
1 Piso	P11	Bottom	B243-Wx+ Lcub	-60.28	1.83	6090	4872	8.05	-1.47	1.12	136.38	200.16	81.83	SI
1 Piso	P11	Top	B243-Wx- Lcub	-42.72	1.83	6090	4872	1.81	-2.39	0.16	192.85	303.28	115.59	SI
1 Piso	P11	Bottom	B243-Wx- Lcub	-60.28	1.83	6090	4872	8.05	-1.47	1.12	136.38	200.16	81.83	SI
1 Piso	P11	Top	B243-Wy+ Lcub	-42.72	1.83	6090	4872	1.81	-2.39	0.16	192.85	303.28	115.59	SI
1 Piso	P11	Bottom	B243-Wy+ Lcub	-60.28	1.83	6090	4872	8.05	-1.47	1.12	136.38	200.16	81.83	SI
1 Piso	P11	Top	B243-Wy- Lcub	-42.72	1.83	6090	4872	1.91	-2.38	0.18	192.85	303.28	115.59	SI
1 Piso	P11	Bottom	B243-Wy- Lcub	-60.28	1.83	6090	4872	8.05	-1.47	1.12	136.38	200.16	81.83	SI
1 Piso	P11	Top	B244-Wx+ Lcub	-49.20	1.83	6090	4872	6.00	-2.85	0.43	178.40	278.41	107.04	SI
1 Piso	P11	Bottom	B244-Wx+ Lcub	-67.18	1.83	6090	4872	13.92	-1.80	1.50	138.11	200.16	82.86	SI
1 Piso	P11	Top	B244-Wx- Lcub	-49.20	1.83	6090	4872	6.00	-2.85	0.43	178.40	278.41	107.04	SI
1 Piso	P11	Bottom	B244-Wx- Lcyb	-67.18	1.83	6090	4872	13.92	-1.80	1.50	138.11	200.16	82.86	SI
1 Piso	P11	Top	B244-Wy+ Lcub	-49.20	1.83	6090	4872	6.00	-2.85	0.43	178.40	278.41	107.04	SI
1 Piso	P11	Bottom	B244-Wy+ Lcyb	-67.18	1.83	6090	4872	13.92	-1.80	1.50	138.11	200.16	82.86	SI
1 Piso	P11	Top	B244-Wy- Lcub	-49.20	1.83	6090	4872	6.00	-2.85	0.43	178.40	278.41	107.04	SI
1 Piso	P11	Bottom	B244-Wy- Lcyb	-67.18	1.83	6090	4872	13.92	-1.80	1.50	138.11	200.16	82.86	SI
1 Piso	P11	Top	B245 Ex+	-39.87	1.83	6090	4872	-17.78	-0.63	5.85	131.28	200.16	78.77	SI
1 Piso	P11	Bottom	B245 Ex+	-47.48	1.83	6090	4872	30.97	0.78	8.05	133.78	200.16	79.91	SI
1 Piso	P11	Top	B245 Ex-	-54.26	1.83	6090	4872	26.01	-4.66	1.23	134.68	200.16	80.53	SI
1 Piso	P11	Bottom	B245 Ex-	-82.47	1.83	6090	4872	57.83	-4.17	2.83	241.93	200.16	85.16	SI
1 Piso	P11	Top	B245 Ey+	-49.26	1.83	6090	4872	9.71	18.20	0.04	104.03	303.28	116.42	SI
1 Piso	P11	Bottom	B245 Ey+	-65.43	1.83	6090	4872	40.63	18.02	0.04	174.54	294.90	104.72	SI
1 Piso	P11	Top	B245 Ey-	-45.90	1.83	6090	4872	7.04	-20.49	0.00	150.44	303.28	118.07	SI
1 Piso	P11	Bottom	B245 Ey-	-69.57	1.83	6090	4872	-22.73	-22.41	0.21	197.84	303.28	119.71	SI
1 Piso	P11	Top	B246-Wx+	-31.41	1.83	6090	4872	1.25	-1.73	0.15	189.82	303.28	113.88	SI
1 Piso	P11	Bottom	B246-Wx+	-44.55	1.83	6090	4872	5.90	-1.04	1.16	132.45	200.16	79.47	SI
1 Piso	P11	Top	B246-Wx-	-31.41	1.83	6090	4872	1.25	-1.73	0.15	189.82	303.28	113.89	SI
1 Piso	P11	Bottom	B246-Wx-	-44.55	1.83	6090	4872	5.90	-1.04	1.16	132.45	200.16	79.47	SI
1 Piso	P11	Top	B246-Wy+	-31.41	1.83	6090	4872	1.25	-1.73	0.15	189.82	303.28	113.89	SI
1 Piso	P11	Bottom	B246-Wy+	-44.55	1.83	6090	4872	5.90	-1.04	1.16	132.45	200.16	79.47	SI
1 Piso	P11	Top	B246-Wy-	-31.41	1.83	6090	4872	1.25	-1.73	0.15	189.82	303.28	113.89	SI
1 Piso	P11	Bottom	B246-Wy-	-44.55	1.83	6090	4872	5.90	-1.04	1.16	132.45	200.16	79.47	SI
1 Piso	P11	Top	B247-Ex+	-27.73	1.83	6090	4872	-21.83	0.43	10.39	126.99	200.16	79.20	SI
1 Piso	P11	Bottom	B247-Ex+	-26.51	1.83	6090	4872	-39.40	1.57	5.02	127.88	200.16	76.61	SI
1 Piso	P11	Top	B247-Ex-	-37.15	1.83	6090	4872	23.45	-3.60	1.34	190.60	200.16	78.38	SI
1 Piso	P11	Bottom	B247-Ex-	-60.52	1.83	6090	4872	49.55	-3.38	3.03	196.44	200.16	81.80	SI
1 Piso	P11	Top	B247-Ey+	-31.12	1.83	6090	4872	-0.85	F0.29	0.01	189.75	303.28	113.85	SI
1 Piso	P11	Bottom	B247-Ey+	-44.47	1.83	6090	4872	41.75	19.91	0.43	177.18	278.33	106.51	SI
1 Piso	P11	Top	B247-Ey-	-28.78	1.83	6090	4872	2.48	-22.42	0.02	188.18	303.28	113.49	SI
1 Piso	P11	Bottom	B247-Ey-	-41.55	1.83	6090	4872	-36.80	-21.82	0.29	187.64	298.13	112.58	SI
1 Piso	P11	Top	B242 G	-53.22	1.83	6090	4872	8.50	-3.14	0.56	169.74	262.30	101.84	SI
1 Piso	P11	Bottom	B242 G	-71.46	1.83	6090	4872	17.47	-2.17	1.85	139.16	200.16	83.51	SI
1 Piso	P11	Top	B243-Wx- G	-46.56	1.83	6090	4872	3.04	-2.77	0.23	192.61	303.28	116.16	SI
1 Piso	P11	Bottom	B243-Wx- G	-64.28	1.83	6090	4872	8.90	-1.84	0.99	138.14	201.51	82.88	SI
1 Piso	P11	Top	B243-Wy- G	-46.56	1.83	6090	4872	3.04	-2.77	0.23	193.01	303.28	116.18	SI
1 Piso	P11	Bottom	B243-Wy- G	-64.28	1.83	6090	4872	8.90	-1.84	0.99	138.14	201.51	82.88	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aswy (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P11	Top	B243-Wx+ G	-48.58	1.83	6090	4872	3.04	-2.77	0.23	193.81	303.28	116.16	SI
1 Piso	P11	Bottom	B243-Wx+ G	-64.28	1.83	6090	4872	8.80	-1.84	0.99	338.14	201.51	82.88	SI
1 Piso	P11	Top	B243-Wy+ G	-46.56	1.83	6090	4872	3.04	-2.77	0.23	193.61	303.28	116.78	SI
1 Piso	P11	Bottom	B243-Wy+ G	-64.28	1.83	6090	4872	8.80	1.84	0.99	338.14	201.51	82.88	SI
1 Piso	P11	Top	B244-Wx- G	-50.40	1.83	6090	4872	8.36	-2.87	0.44	178.13	278.40	106.88	SI
1 Piso	P11	Bottom	B244-Wx- G	-68.43	1.83	6090	4872	14.19	-2.02	1.44	138.42	200.16	83.05	SI
1 Piso	P11	Top	B244-Wx+ G	-50.40	1.83	6090	4872	8.36	-2.87	0.44	178.13	278.40	106.88	SI
1 Piso	P11	Bottom	B244-Wx+ G	-68.43	1.83	6090	4872	14.19	-2.02	1.44	138.42	200.16	83.05	SI
1 Piso	P11	Top	B244-Wy- G	-50.40	1.83	6090	4872	8.36	-2.87	0.44	178.13	278.40	106.88	SI
1 Piso	P11	Bottom	B244-Wy- G	-68.43	1.83	6090	4872	14.19	-2.02	1.44	138.42	200.16	83.05	SI
1 Piso	P11	Top	B244-Wy+ G	-50.40	1.83	6090	4872	8.36	-2.87	0.44	178.13	278.40	106.88	SI
1 Piso	P11	Bottom	B244-Wy+ G	-68.43	1.83	6090	4872	14.19	-2.02	1.44	138.42	200.16	83.05	SI
1 Piso	P12	Top	B241	-51.96	1.08	3680	3104	-3.04	-3.08	0.32	117.11	175.61	70.27	SI
1 Piso	P12	Bottom	B241	-55.50	1.08	3680	3104	-7.67	2.33	1.08	86.01	119.02	51.61	SI
1 Piso	P12	Top	B242 Loub	-61.41	1.09	3880	3104	-9.88	-4.73	0.68	107.48	165.95	64.48	SI
1 Piso	P12	bottom	B242 Loub	-77.12	1.09	3880	3104	-8.87	4.01	0.71	104.94	142.96	62.58	SI
1 Piso	P12	Top	B243-Wx+ Loub	-48.35	1.08	3880	3104	-2.51	-2.43	0.33	115.50	174.36	69.30	SI
1 Piso	P12	Bottom	B243-Wx+ Loub	-51.11	1.08	3880	3104	-7.32	1.91	1.23	84.91	119.02	50.95	SI
1 Piso	P12	Top	B243 Wx- Loub	-48.35	1.08	3880	3104	-2.51	-2.43	0.33	115.50	174.36	69.30	SI
1 Piso	P12	Bottom	B243-Wx- Loub	-51.11	1.08	3880	3104	-7.32	1.91	1.23	84.91	119.02	50.95	SI
1 Piso	P12	Top	B243-Wy+ Loub	-48.35	1.09	3880	3104	-2.51	-2.43	0.33	115.50	174.36	69.30	SI
1 Piso	P12	Bottom	B243-Wy+ Loub	-51.11	1.09	3880	3104	-7.32	1.91	1.23	84.91	119.02	50.95	SI
1 Piso	P12	Top	B243-Wy- Loub	-48.35	1.09	3880	3104	-2.51	-2.43	0.33	115.50	174.36	69.30	SI
1 Piso	P12	Bottom	B243-Wy- Loub	-51.11	1.09	3880	3104	-7.32	1.91	1.23	84.91	119.02	50.95	SI
1 Piso	P12	Top	B244-Wx+ Loub	-68.92	1.09	3880	3104	-7.16	3.82	0.80	106.18	151.66	64.91	SI
1 Piso	P12	Bottom	B244-Wx+ Loub	-68.21	1.09	3880	3104	-8.47	3.20	0.85	86.17	131.37	57.70	SI
1 Piso	P12	Top	B244-Wx- Loub	-68.92	1.09	3880	3104	-7.16	-3.82	0.80	106.18	151.66	64.91	SI
1 Piso	P12	Bottom	B244-Wx- Loub	-68.21	1.09	3880	3104	-8.47	3.20	0.85	86.17	131.37	57.70	SI
1 Piso	P12	Top	B244 Wy+ Loub	-68.92	1.09	3880	3104	-7.16	-3.82	0.80	106.18	151.66	64.91	SI
1 Piso	P12	Bottom	B244-Wy+ Loub	-68.21	1.09	3880	3104	-8.47	3.20	0.85	86.17	131.37	57.70	SI
1 Piso	P12	Top	B244-Wy- Loub	-68.92	1.09	3880	3104	-7.16	3.82	0.80	106.18	151.66	64.91	SI
1 Piso	P12	Bottom	B244-Wy- Loub	-68.21	1.09	3880	3104	-8.47	3.20	0.85	86.17	131.37	57.70	SI
1 Piso	P12	Top	B245-Ex+	-71.38	1.09	3880	3104	-10.54	0.16	21.24	88.99	119.02	55.89	SI
1 Piso	P12	Bottom	B245-Ex+	-80.17	1.09	3880	3104	-20.57	6.97	0.95	84.46	123.07	58.88	SI
1 Piso	P12	Top	B245-Ex-	-62.69	1.08	3880	3104	-3.92	-8.11	0.18	123.86	180.34	74.33	SI
1 Piso	P12	Bottom	B245-Ex-	-80.80	1.08	3880	3104	4.78	-0.43	2.62	84.86	119.02	50.02	SI
1 Piso	P12	Top	B245-Ey+	-61.87	1.09	3880	3104	-11.17	7.97	0.65	173.30	384.55	68.01	SI
1 Piso	P12	Bottom	B245-Ey+	-59.48	1.09	3880	3104	2.08	13.10	0.05	329.08	180.34	75.45	SI
1 Piso	P12	Top	B245-Ey-	-72.10	1.09	3880	3104	-9.28	-15.82	0.07	126.23	180.34	75.74	SI
1 Piso	P12	Bottom	B245-Ey-	-71.57	1.08	3880	3104	-17.88	-8.56	0.88	95.75	139.15	57.45	SI
1 Piso	P12	Top	B246-Wx+	-38.41	1.08	3880	3104	-1.90	-1.87	0.33	112.49	174.76	67.49	SI
1 Piso	P12	Bottom	B246-Wx+	-37.54	1.09	3880	3104	-5.33	1.45	1.18	81.62	119.02	48.91	SI
1 Piso	P12	Top	B246-Wx-	-35.41	1.09	3880	3104	-1.90	-1.87	0.33	112.49	174.76	67.49	SI
1 Piso	P12	Bottom	B246-Wx-	-37.54	1.09	3880	3104	-5.33	1.45	1.18	81.62	119.02	48.91	SI
1 Piso	P12	Top	B246-Wy+	-35.41	1.09	3880	3104	1.90	-1.87	0.33	112.49	174.76	67.49	SI
1 Piso	P12	Bottom	B246-Wy+	-37.54	1.09	3880	3104	-5.33	1.45	1.18	81.62	119.02	48.91	SI
1 Piso	P12	Top	B246-Wy-	-35.41	1.09	3880	3104	-1.90	-1.87	0.33	112.49	174.76	67.49	SI
1 Piso	P12	Bottom	B246-Wy-	-37.54	1.09	3880	3104	-5.33	1.45	1.18	81.62	119.02	48.91	SI
1 Piso	P12	Top	B247-Ex+	-37.74	1.09	3880	3104	5.28	2.15	0.79	91.58	138.73	54.99	SI
1 Piso	P12	Bottom	B247-Ex+	-50.32	1.09	3880	3104	-17.61	5.20	2.09	94.72	178.02	50.83	SI
1 Piso	P12	Top	B247-Ex-	-29.05	1.09	3880	3104	1.38	-6.11	0.07	315.47	180.34	69.24	SI
1 Piso	P12	Bottom	B247-Ex-	-21.04	1.09	3880	3104	7.74	-0.20	1.14	77.60	119.02	46.44	SI
1 Piso	P12	Top	B247-Ey+	-28.35	1.09	3880	3104	-5.69	9.87	0.18	115.29	180.34	69.17	SI
1 Piso	P12	Bottom	B247-Ey+	-29.04	1.09	3880	3104	5.05	11.33	0.16	115.61	180.34	69.37	SI
1 Piso	P12	Top	B247-Ey-	-36.46	1.09	3880	3104	9.09	-13.92	0.05	117.82	180.34	70.69	SI
1 Piso	P12	Bottom	B247-Ey-	-41.72	1.09	3880	3104	-14.91	-8.33	0.58	102.42	154.19	61.45	SI
1 Piso	P12	Top	B248 G	-83.05	1.09	3880	3104	-8.94	-4.64	0.69	107.41	144.70	64.45	SI
1 Piso	P12	Bottom	B248 G	-78.83	1.09	3880	3104	-9.19	3.98	0.74	103.78	140.24	62.27	SI
1 Piso	P12	Top	B243-Wx- G	-53.58	1.09	3880	3104	-2.39	-2.15	0.36	115.62	172.26	69.37	SI
1 Piso	P12	Bottom	B243-Wx- G	-55.95	1.09	3880	3104	-8.35	1.78	1.50	88.12	119.02	51.67	SI
1 Piso	P12	Top	B243-Wy+ G	-53.58	1.09	3880	3104	-2.39	-2.15	0.36	115.62	172.26	69.37	SI
1 Piso	P12	Bottom	B243-Wy+ G	-55.95	1.09	3880	3104	-8.35	1.78	1.50	88.12	119.02	51.67	SI
1 Piso	P12	Top	B243-Wx+ G	-53.58	1.09	3880	3104	-2.39	-2.15	0.36	115.62	172.26	69.37	SI
1 Piso	P12	Bottom	B243 Wx+ G	-55.95	1.09	3880	3104	-8.35	1.78	1.50	88.12	119.02	51.67	SI
1 Piso	P12	Top	B243-Wy+ G	-53.58	1.09	3880	3104	-2.39	-2.15	0.36	115.62	172.26	69.37	SI
1 Piso	P12	Bottom	B243-Wy+ G	-55.95	1.09	3880	3104	-8.35	1.78	1.50	88.12	119.02	51.67	SI
1 Piso	P12	Top	B244-Wx- G	-71.58	1.09	3880	3104	-7.12	-3.73	0.62	108.07	150.65	64.84	SI
1 Piso	P12	Bottom	B244-Wx- G	-69.72	1.09	3880	3104	-8.70	3.17	0.89	94.54	127.83	56.73	SI
1 Piso	P12	Top	B244-Wx+ G	-71.58	1.09	3880	3104	-7.12	-3.73	0.62	108.07	150.65	64.84	SI
1 Piso	P12	Bottom	B244-Wx+ G	-69.72	1.09	3880	3104	-8.70	3.17	0.89	94.54	127.83	56.73	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aew (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P12	Top	B244-Wy- G	73.58	1.09	3880	3104	-7.12	-3.73	0.62	108.07	550.95	64.84	SI
1 Piso	P12	Bottom	B244-Wy- G	-69.72	1.09	3880	3104	-8.78	3.17	0.89	84.54	127.83	56.73	SI
1 Piso	P12	Top	B244-Wy+ G	-71.56	1.09	3880	3104	-7.12	-3.73	0.62	108.07	550.95	64.84	SI
1 Piso	P12	Bottom	B244-Wy+ G	-69.72	1.09	3880	3104	-8.79	3.17	0.89	84.54	127.83	56.73	SI
1 Piso	P14	Top	B241	-48.29	0.97	3470	2776	-0.49	0.30	0.38	94.04	197.33	56.43	SI
1 Piso	P14	Bottom	B241	-42.83	0.97	3470	2776	-0.02	0.26	0.03	107.43	181.28	64.46	SI
1 Piso	P14	Top	B242 Loub	-74.48	0.97	3470	2776	-0.80	0.47	0.46	105.76	146.47	63.46	SI
1 Piso	P14	Bottom	B242 Loub	-60.67	0.97	3470	2776	0.01	0.60	0.00	111.94	165.28	67.16	SI
1 Piso	P14	Top	B243 Wx+ Loub	-46.06	0.97	3470	2776	-0.61	0.20	0.80	84.22	121.39	50.53	SI
1 Piso	P14	Bottom	B243 Wx+ Loub	-39.19	0.97	3470	2776	-0.07	0.26	0.10	106.57	181.28	63.94	SI
1 Piso	P14	Top	B243 Wx- Loub	-45.06	0.97	3470	2776	0.84	0.28	0.80	84.22	121.39	50.53	SI
1 Piso	P14	Bottom	B243 Wx- Loub	-39.19	0.97	3470	2776	-0.07	0.26	0.10	106.57	181.28	63.94	SI
1 Piso	P14	Top	B243 Wy+ Loub	-45.06	0.97	3470	2776	-0.64	0.29	0.80	84.22	121.39	50.53	SI
1 Piso	P14	Bottom	B243 Wy+ Loub	-39.19	0.97	3470	2776	-0.07	0.26	0.10	106.57	181.28	63.94	SI
1 Piso	P14	Top	B243 Wy- Loub	-45.06	0.97	3470	2776	-0.84	0.29	0.80	84.22	121.39	50.53	SI
1 Piso	P14	Bottom	B243 Wy- Loub	-39.19	0.97	3470	2776	-0.07	0.26	0.10	106.57	181.28	63.94	SI
1 Piso	P14	Top	B244-Wx+ Loub	-64.33	0.97	3470	2776	-0.67	0.41	0.59	97.81	138.91	58.69	SI
1 Piso	P14	Bottom	B244-Wx+ Loub	-53.25	0.97	3470	2776	-0.04	0.46	0.03	110.08	161.28	66.05	SI
1 Piso	P14	Top	B244-Wx- Loub	-64.33	0.97	3470	2776	-0.67	0.41	0.59	97.81	138.91	58.69	SI
1 Piso	P14	Bottom	B244-Wx- Loub	-53.25	0.97	3470	2776	-0.04	0.46	0.03	110.08	161.28	66.05	SI
1 Piso	P14	Top	B244-Wy+ Loub	-64.33	0.97	3470	2776	-0.67	0.41	0.59	97.81	138.91	58.69	SI
1 Piso	P14	Bottom	B244-Wy+ Loub	-53.25	0.97	3470	2776	0.04	0.46	0.03	110.08	161.28	66.05	SI
1 Piso	P14	Top	B244-Wy- Loub	-64.33	0.97	3470	2776	-0.67	0.41	0.59	97.81	138.91	58.69	SI
1 Piso	P14	Bottom	B244-Wy- Loub	-53.25	0.97	3470	2776	-0.04	0.46	0.03	110.08	161.28	66.05	SI
1 Piso	P14	Top	B245-Ex+	-60.87	0.97	3470	2776	-0.80	0.70	0.45	102.80	147.26	61.68	SI
1 Piso	P14	Bottom	B245-Ex+	-50.80	0.97	3470	2776	0.04	0.73	0.02	109.47	161.28	65.68	SI
1 Piso	P14	Top	B245-Ex-	-62.26	0.97	3470	2776	-0.12	0.07	0.64	84.96	132.78	50.97	SI
1 Piso	P14	Bottom	B245-Ex-	-51.88	0.97	3470	2776	-0.03	0.17	0.05	109.89	161.28	65.93	SI
1 Piso	P14	Top	B245-Ey+	-62.20	0.97	3470	2776	-7.49	14.46	0.19	112.92	161.28	67.75	SI
1 Piso	P14	Bottom	B245-Ey+	-51.69	0.97	3470	2776	4.71	8.69	0.20	108.08	161.28	65.61	SI
1 Piso	P14	Top	B245-Ey-	-60.60	0.97	3470	2776	8.50	-13.71	0.17	112.00	161.28	67.20	SI
1 Piso	P14	Bottom	B245-Ey-	-50.83	0.97	3470	2776	-4.70	7.70	0.22	109.48	161.28	65.69	SI
1 Piso	P14	Top	B246-Wx+	-32.98	0.97	3470	2776	-0.43	0.21	0.74	83.68	125.76	50.21	SI
1 Piso	P14	Bottom	B246-Wx+	-28.80	0.97	3470	2776	-0.04	0.18	0.08	103.97	161.28	62.38	SI
1 Piso	P14	Top	B246-Wx-	-32.98	0.97	3470	2776	-0.43	0.21	0.74	83.68	125.76	50.21	SI
1 Piso	P14	Bottom	B246-Wx-	-28.80	0.97	3470	2776	-0.04	0.18	0.08	103.97	161.28	62.38	SI
1 Piso	P14	Top	B246-Wy+	-32.98	0.97	3470	2776	-0.43	0.21	0.74	83.68	125.76	50.21	SI
1 Piso	P14	Bottom	B246-Wy+	-28.80	0.97	3470	2776	0.04	0.18	0.08	103.97	161.28	62.38	SI
1 Piso	P14	Top	B246-Wy-	-32.98	0.97	3470	2776	0.43	0.21	0.74	83.68	125.76	50.21	SI
1 Piso	P14	Bottom	B246-Wy-	-28.80	0.97	3470	2776	-0.04	0.18	0.08	103.97	161.28	62.38	SI
1 Piso	P14	Top	B247-Ex+	-30.30	0.97	3470	2776	-0.69	0.51	0.48	93.06	144.46	56.15	SI
1 Piso	P14	Bottom	B247-Ex+	-26.88	0.97	3470	2776	0.02	0.45	0.02	103.51	161.28	62.11	SI
1 Piso	P14	Top	B247-Ex-	-31.73	0.97	3470	2776	0.07	-0.13	0.19	104.79	161.28	62.82	SI
1 Piso	P14	Bottom	B247-Ex-	-27.85	0.97	3470	2776	-0.04	0.17	0.14	103.73	161.28	62.24	SI
1 Piso	P14	Top	B247-Ey+	-31.69	0.97	3470	2776	7.31	14.29	0.18	104.69	161.28	62.82	SI
1 Piso	P14	Bottom	B247-Ey+	-27.81	0.97	3470	2776	4.69	8.40	0.20	103.72	161.28	62.23	SI
1 Piso	P14	Top	B247-Ey-	-30.40	0.97	3470	2776	8.88	-13.90	0.17	104.37	161.28	62.62	SI
1 Piso	P14	Bottom	B247-Ey-	-26.98	0.97	3470	2776	-4.72	8.07	0.21	103.52	161.28	62.11	SI
1 Piso	P14	Top	B242 G	-76.06	0.97	3470	2776	-0.69	0.48	0.52	103.87	142.08	62.20	SI
1 Piso	P14	Bottom	B242 G	-62.87	0.97	3470	2776	0.02	0.61	0.01	112.22	161.28	67.33	SI
1 Piso	P14	Top	B243 Wx- G	-50.08	0.97	3470	2776	-0.86	0.34	1.02	77.03	108.45	46.22	SI
1 Piso	P14	Bottom	B243 Wx- G	-42.83	0.97	3470	2776	-0.15	0.30	0.17	107.48	161.28	64.49	SI
1 Piso	P14	Top	B243 Wy+ G	-50.08	0.97	3470	2776	-0.96	0.34	1.02	77.03	108.45	46.22	SI
1 Piso	P14	Bottom	B243 Wy+ G	-42.83	0.97	3470	2776	-0.15	0.30	0.17	107.48	161.28	64.49	SI
1 Piso	P14	Top	B243 Wy- G	-50.08	0.97	3470	2776	-0.96	0.34	1.02	77.03	108.45	46.22	SI
1 Piso	P14	Bottom	B243 Wy- G	-42.83	0.97	3470	2776	-0.15	0.30	0.17	107.48	161.28	64.49	SI
1 Piso	P14	Top	B244 Wx- G	-65.90	0.97	3470	2776	-0.77	0.42	0.05	95.57	132.25	57.34	SI
1 Piso	P14	Bottom	B244 Wx- G	-54.38	0.97	3470	2776	-0.06	0.49	0.04	110.37	161.28	66.22	SI
1 Piso	P14	Top	B244 Wx+ G	-65.90	0.97	3470	2776	-0.77	0.42	0.05	95.57	132.25	57.34	SI
1 Piso	P14	Bottom	B244 Wx+ G	-54.38	0.97	3470	2776	-0.06	0.49	0.04	110.37	161.28	66.22	SI
1 Piso	P14	Top	B244 Wy- G	-65.90	0.97	3470	2776	-0.77	0.42	0.05	95.57	132.25	57.34	SI
1 Piso	P14	Bottom	B244 Wy- G	-54.38	0.97	3470	2776	-0.06	0.49	0.04	110.37	161.28	66.22	SI
1 Piso	P14	Top	B244 Wy+ G	-65.90	0.97	3470	2776	-0.77	0.42	0.05	95.57	132.25	57.34	SI
1 Piso	P14	Bottom	B244 Wy+ G	-54.38	0.97	3470	2776	-0.06	0.49	0.04	110.37	161.28	66.22	SI
1 Piso	P15	Top	B241	-51.18	1.11	3960	3168	0.64	0.78	0.26	121.78	584.01	73.06	SI
1 Piso	P15	Bottom	B241	-46.76	1.11	3960	3168	0.01	-1.19	2.40	87.81	121.49	52.69	SI
1 Piso	P15	Top	B242 Loub	-73.47	1.11	3960	3168	-6.66	2.08	0.71	105.69	146.04	63.53	SI
1 Piso	P15	Bottom	B242 Loub	-73.53	1.11	3960	3168	7.52	0.68	3.40	81.91	121.40	55.14	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	d (mm)	M10 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P15	Top	B243-Wx+ Loub	-47.03	1.11	3990	3160	0.18	0.43	0.13	122.19	184.06	70.31	SI
1 Piso	P15	Bottom	B243-Wx+ Loub	-51.80	1.11	3990	3168	8.46	-0.98	2.79	88.57	121.48	51.94	SI
1 Piso	P15	Top	B243-Wx- Loub	-47.03	1.11	3990	3168	0.18	0.43	0.13	122.19	184.06	73.31	SI
1 Piso	P15	Bottom	B243-Wx- Loub	-51.80	1.11	3990	3168	8.46	0.98	2.79	88.57	121.48	51.94	SI
1 Piso	P15	Top	B243-Wy+ Loub	-47.03	1.11	3990	3168	0.18	0.43	0.13	122.19	184.06	73.31	SI
1 Piso	P15	Bottom	B243-Wy+ Loub	-51.80	1.11	3990	3168	8.46	-0.98	2.79	88.57	121.48	51.94	SI
1 Piso	P15	Top	B243-Wy- Loub	-47.03	1.11	3990	3168	0.18	0.43	0.13	122.19	184.06	73.31	SI
1 Piso	P15	Bottom	B243-Wy- Loub	-51.80	1.11	3990	3168	8.46	-0.98	2.79	88.57	121.48	51.94	SI
1 Piso	P15	Top	B244-Wx+ Loub	-84.31	1.11	3990	3168	-4.18	1.85	0.68	105.22	148.94	63.13	SI
1 Piso	P15	Bottom	B244-Wx+ Loub	-85.86	1.11	3990	3168	8.05	0.08	31.71	90.09	121.48	54.06	SI
1 Piso	P15	Top	B244-Wx- Loub	-84.31	1.11	3990	3168	-4.18	1.85	0.68	105.22	148.94	63.13	SI
1 Piso	P15	Bottom	B244-Wx- Loub	-85.86	1.11	3990	3168	8.05	0.08	31.71	90.09	121.48	54.06	SI
1 Piso	P15	Top	B244-Wy+ Loub	-84.31	1.11	3990	3168	-4.18	1.85	0.68	105.22	148.94	63.13	SI
1 Piso	P15	Bottom	B244-Wy+ Loub	-85.86	1.11	3990	3168	8.05	0.08	31.71	90.09	121.48	54.06	SI
1 Piso	P15	Top	B244-Wy- Loub	-84.31	1.11	3990	3168	-4.18	1.85	0.68	105.22	148.94	63.13	SI
1 Piso	P15	Bottom	B244-Wy- Loub	-85.86	1.11	3990	3168	8.05	0.08	31.71	90.09	121.48	54.06	SI
1 Piso	P15	Top	B245-Ex+	-64.22	1.11	3990	3168	-1.89	0.03	20.81	89.68	121.48	53.81	SI
1 Piso	P15	Bottom	B245-Ex+	-72.50	1.11	3990	3168	16.15	-1.91	2.87	91.79	121.48	55.05	SI
1 Piso	P15	Top	B245-Ex-	-64.60	1.11	3990	3168	-5.91	4.24	0.44	115.91	166.84	69.18	SI
1 Piso	P15	Bottom	B245-Ex-	-64.50	1.11	3990	3168	-1.17	1.88	0.19	124.08	184.06	74.44	SI
1 Piso	P15	Top	B245-Ey+	-89.82	1.11	3990	3168	-8.99	15.02	0.19	127.14	184.06	76.28	SI
1 Piso	P15	Bottom	B245-Ey+	-89.24	1.11	3990	3168	17.95	10.86	0.52	113.48	161.37	68.08	SI
1 Piso	P15	Top	B245-Ey-	-57.01	1.11	3990	3168	1.19	-10.75	0.04	124.69	184.06	74.81	SI
1 Piso	P15	Bottom	B245-Ey-	-57.76	1.11	3990	3168	-2.87	-20.59	0.08	124.67	184.06	74.92	SI
1 Piso	P15	Top	B246-Wx+	-34.56	1.11	3990	3168	0.22	0.37	0.16	119.08	184.06	71.45	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	3990	3168	8.18	-0.73	2.67	83.16	121.48	49.90	SI
1 Piso	P15	Top	B246-Wx-	-34.56	1.11	3990	3168	0.22	0.37	0.16	119.08	184.06	71.45	SI
1 Piso	P15	Bottom	B246-Wx-	-38.14	1.11	3990	3168	8.18	-0.73	2.67	83.16	121.48	49.90	SI
1 Piso	P15	Top	B246-Wy+	-34.56	1.11	3990	3168	0.22	0.37	0.16	119.08	184.06	71.45	SI
1 Piso	P15	Bottom	B246-Wy+	-38.14	1.11	3990	3168	8.18	-0.73	2.67	83.16	121.48	49.90	SI
1 Piso	P15	Top	B246-Wy-	-34.56	1.11	3990	3168	0.22	0.37	0.16	119.08	184.06	71.45	SI
1 Piso	P15	Bottom	B246-Wy-	-38.14	1.11	3990	3168	8.18	-0.73	2.67	83.16	121.48	49.90	SI
1 Piso	P15	Top	B247-Ex+	-95.21	1.11	3990	3168	2.43	-1.61	0.48	107.45	165.76	64.47	SI
1 Piso	P15	Bottom	B247-Ex+	-45.48	1.11	3990	3168	14.46	-2.71	1.08	85.00	121.48	51.00	SI
1 Piso	P15	Top	B247-Ex-	-30.59	1.11	3990	3168	-1.60	2.60	0.19	113.02	164.06	70.85	SI
1 Piso	P15	Bottom	B247-Ex-	-27.68	1.11	3990	3168	-2.87	1.18	0.77	91.74	141.36	55.04	SI
1 Piso	P15	Top	B247-Ey+	-37.61	1.11	3990	3168	-4.88	13.38	0.11	158.80	184.06	71.93	SI
1 Piso	P15	Bottom	B247-Ey+	-42.23	1.11	3990	3168	10.18	9.66	0.52	107.28	162.35	64.37	SI
1 Piso	P15	Top	B247-Ey-	-27.99	1.11	3990	3168	5.51	-12.38	0.14	117.43	184.06	70.46	SI
1 Piso	P15	Bottom	B247-Ey-	-30.76	1.11	3990	3168	-4.57	-12.58	0.10	118.12	184.06	70.87	SI
1 Piso	P15	Top	B242 G	-74.02	1.11	3990	3168	-5.81	2.88	0.75	104.17	142.42	62.50	SI
1 Piso	P15	Bottom	B242 G	-74.67	1.11	3990	3168	7.60	0.71	3.50	92.24	121.48	55.34	SI
1 Piso	P15	Top	B243-Wx- G	-51.95	1.11	3990	3168	-0.33	0.10	1.02	86.46	121.48	51.88	SI
1 Piso	P15	Bottom	B243-Wx- G	-58.10	1.11	3990	3168	9.48	-0.88	3.41	87.65	121.48	52.59	SI
1 Piso	P15	Top	B243-Wy- G	-51.35	1.11	3990	3168	-0.33	0.10	1.02	86.46	121.48	51.88	SI
1 Piso	P15	Bottom	B243-Wy- G	-58.10	1.11	3990	3168	9.48	-0.88	3.41	87.65	121.48	52.59	SI
1 Piso	P15	Top	B243-Wx+ G	-51.35	1.11	3990	3168	-0.33	0.10	1.02	86.46	121.48	51.88	SI
1 Piso	P15	Bottom	B243-Wx+ G	-58.10	1.11	3990	3168	9.48	-0.88	3.41	87.65	121.48	52.59	SI
1 Piso	P15	Top	B243-Wy+ G	-51.35	1.11	3990	3168	-0.33	0.10	1.02	86.46	121.48	51.88	SI
1 Piso	P15	Bottom	B243-Wy+ G	-58.10	1.11	3990	3168	9.48	-0.88	3.41	87.65	121.48	52.59	SI
1 Piso	P15	Top	B244-Wx- G	-65.66	1.11	3990	3168	-4.34	1.85	0.74	102.48	143.52	61.50	SI
1 Piso	P15	Bottom	B244-Wx- G	-67.22	1.11	3990	3168	8.36	0.11	25.06	90.43	121.48	54.26	SI
1 Piso	P15	Top	B244-Wx+ G	-65.66	1.11	3990	3168	-4.34	1.85	0.74	102.48	143.52	61.50	SI
1 Piso	P15	Bottom	B244-Wx+ G	-67.22	1.11	3990	3168	8.36	0.11	25.06	90.43	121.48	54.26	SI
1 Piso	P15	Top	B244-Wy- G	-65.66	1.11	3990	3168	-4.34	1.85	0.74	102.48	143.52	61.50	SI
1 Piso	P15	Bottom	B244-Wy- G	-67.22	1.11	3990	3168	8.36	0.11	25.06	90.43	121.48	54.26	SI
1 Piso	P15	Top	B244-Wy+ G	-65.66	1.11	3990	3168	-4.34	1.85	0.74	102.49	143.52	61.50	SI
1 Piso	P15	Bottom	B244-Wy+ G	-67.22	1.11	3990	3168	8.36	0.11	25.06	90.43	121.48	54.26	SI
1 Piso	P16	Top	B241	19.84	0.53	1750	1400	-0.01	1.81	0.18	55.70	87.15	33.42	SI
1 Piso	P16	Bottom	B241	-20.77	0.53	1750	1400	-1.89	-0.70	1.89	40.08	57.52	24.03	SI
1 Piso	P18	Top	B242 Loub	10.44	0.53	1750	1400	-0.88	3.80	0.17	58.40	87.15	35.04	SI
1 Piso	P18	Bottom	B242 Loub	-23.82	0.53	1750	1400	-1.39	-0.75	1.89	40.82	57.52	24.49	SI
1 Piso	P16	Top	B243-Wx- Loub	-12.60	0.53	1750	1400	-0.34	1.58	0.16	55.51	87.15	33.31	SI
1 Piso	P16	Bottom	B243-Wx+ Loub	-19.18	0.53	1750	1400	-1.74	-0.85	1.90	39.65	57.52	23.79	SI
1 Piso	P16	Top	B243-Wx- Loub	-12.60	0.53	1750	1400	-0.34	1.58	0.16	55.51	87.15	33.31	SI
1 Piso	P16	Bottom	B243-Wx- Loub	-19.18	0.53	1750	1400	-1.74	-0.85	1.90	39.65	57.52	23.79	SI
1 Piso	P16	Top	B243-Wy+ Loub	-17.90	0.53	1750	1400	0.34	1.58	0.16	55.51	87.15	33.31	SI
1 Piso	P16	Bottom	B243-Wy+ Loub	-19.18	0.53	1750	1400	-1.74	-0.85	1.90	39.65	57.52	23.79	SI
1 Piso	P16	Top	B243-Wy- Loub	-12.60	0.53	1750	1400	-0.34	1.58	0.16	55.51	87.15	33.31	SI
1 Piso	P16	Bottom	B243-Wy- Loub	-19.18	0.53	1750	1400	-1.74	-0.85	1.90	39.65	57.52	23.79	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amev (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P16	Top	B244-Wx+ Loub	-15.40	0.53	1750	1400	-0.67	2.84	0.17	68.14	87.15	33.68	SI
1 Piso	P16	Bottom	B244-Wx+ Loub	-22.41	0.53	1750	1400	-1.84	-0.73	1.90	40.46	57.52	24.28	SI
1 Piso	P16	Top	B244-Wx- Loub	-15.40	0.53	1750	1400	-0.67	2.84	0.17	68.14	87.15	33.68	SI
1 Piso	P16	Bottom	B244-Wx- Loub	-22.41	0.53	1750	1400	-1.84	-0.73	1.90	40.46	57.52	24.28	SI
1 Piso	P16	Top	B244-Wy+ Loub	-15.40	0.53	1750	1400	-0.67	2.84	0.17	68.14	87.15	33.68	SI
1 Piso	P16	Bottom	B244-Wy+ Loub	-22.41	0.53	1750	1400	-1.84	-0.73	1.90	40.46	57.52	24.28	SI
1 Piso	P16	Top	B244-Wy- Loub	-15.40	0.53	1750	1400	-0.67	2.84	0.17	68.14	87.15	33.68	SI
1 Piso	P16	Bottom	B244-Wy- Loub	-22.41	0.53	1750	1400	-1.84	-0.73	1.90	40.46	57.52	24.28	SI
1 Piso	P16	Top	B245-Ex+	-25.21	0.53	1750	1400	-1.09	3.15	0.26	58.39	87.15	33.68	SI
1 Piso	P16	Bottom	B245-Ex+	-22.19	0.53	1750	1400	-1.49	-0.17	6.36	40.41	57.52	24.24	SI
1 Piso	P16	Top	B245-Ex-	-13.77	0.53	1750	1400	0.27	2.51	0.08	55.73	87.15	33.44	SI
1 Piso	P16	Bottom	B245-Ex-	-20.54	0.53	1750	1400	-2.14	-1.21	1.27	40.00	57.52	24.00	SI
1 Piso	P16	Top	B245-Ey+	-14.55	0.53	1750	1400	-1.24	3.40	0.26	55.24	87.15	33.14	SI
1 Piso	P16	Bottom	B245-Ey+	-18.30	0.53	1750	1400	0.47	1.07	0.32	55.22	84.98	33.13	SI
1 Piso	P16	Top	B245-Ey-	-24.42	0.53	1750	1400	-0.12	2.26	0.04	55.89	87.15	33.54	SI
1 Piso	P16	Bottom	B245-Ey-	-28.37	0.53	1750	1400	-4.09	-2.46	1.20	40.70	57.52	24.42	SI
1 Piso	P16	Top	B246-Wx+	-9.41	0.53	1750	1400	-0.26	1.17	0.16	54.64	87.15	32.78	SI
1 Piso	P16	Bottom	B246-Wx+	-14.07	0.53	1750	1400	-1.27	-0.48	1.89	38.38	57.52	23.03	SI
1 Piso	P16	Top	B246-Wx-	-9.41	0.53	1750	1400	-0.26	1.17	0.16	54.64	87.15	32.78	SI
1 Piso	P16	Bottom	B246-Wx-	-14.07	0.53	1750	1400	-1.27	-0.48	1.89	38.38	57.52	23.03	SI
1 Piso	P16	Top	B246-Wy+	-9.41	0.53	1750	1400	-0.26	1.17	0.16	54.64	87.15	32.78	SI
1 Piso	P16	Bottom	B246-Wy+	-14.07	0.53	1750	1400	-1.27	-0.48	1.89	38.38	57.52	23.03	SI
1 Piso	P16	Top	B246-Wy-	-9.41	0.53	1750	1400	-0.26	1.17	0.16	54.64	87.15	32.78	SI
1 Piso	P16	Bottom	B246-Wy-	-14.07	0.53	1750	1400	-1.27	-0.48	1.89	38.38	57.52	23.03	SI
1 Piso	P16	Top	B247-Ex+	-9.40	0.53	1750	1400	-0.85	1.48	0.39	52.52	84.57	31.51	SI
1 Piso	P16	Bottom	B247-Ex+	-14.77	0.53	1750	1400	-0.85	0.07	8.48	38.40	57.52	23.04	SI
1 Piso	P16	Top	B247-Ex-	-8.05	0.53	1750	1400	0.78	0.24	0.13	54.30	87.15	32.58	SI
1 Piso	P16	Bottom	B247-Ex-	-12.53	0.53	1750	1400	-1.51	-0.97	1.11	37.89	57.52	22.73	SI
1 Piso	P16	Top	B247-Ey+	-8.64	0.53	1750	1400	-0.63	1.73	0.24	52.02	83.97	31.21	SI
1 Piso	P16	Bottom	B247-Ey+	-11.34	0.53	1750	1400	1.10	-1.31	0.60	36.68	73.41	28.01	SI
1 Piso	P16	Top	B247-Ey-	-8.71	0.53	1750	1400	0.30	0.58	0.36	51.49	83.02	30.87	SI
1 Piso	P16	Bottom	B247-Ey-	-15.06	0.53	1750	1400	-3.48	-2.20	1.12	38.79	57.52	23.22	SI
1 Piso	P16	Top	B242 G	-12.85	0.53	1750	1400	-0.67	3.61	0.17	56.53	87.15	33.82	SI
1 Piso	P16	Bottom	B242 G	-24.41	0.53	1750	1400	-2.06	-0.78	1.90	40.68	57.52	24.36	SI
1 Piso	P16	Top	B243-Wx- G	-13.55	0.53	1750	1400	-0.32	1.57	0.15	56.83	87.15	33.56	SI
1 Piso	P16	Bottom	B243-Wx- G	-21.06	0.53	1750	1400	-1.96	-0.73	1.92	40.12	57.52	24.07	SI
1 Piso	P16	Top	B243-Wy- G	-14.55	0.53	1750	1400	-0.32	1.57	0.15	56.83	87.15	33.56	SI
1 Piso	P16	Bottom	B243-Wy- G	-21.06	0.53	1750	1400	1.06	-0.73	1.92	40.12	57.52	24.07	SI
1 Piso	P16	Top	B243-Wx+ G	-14.55	0.53	1750	1400	-0.32	1.57	0.15	56.83	87.15	33.56	SI
1 Piso	P16	Bottom	B243-Wx+ G	-21.06	0.53	1750	1400	-1.96	-0.73	1.92	40.12	57.52	24.07	SI
1 Piso	P16	Top	B243-Wy+ G	-14.55	0.53	1750	1400	-0.32	1.57	0.15	56.83	87.15	33.56	SI
1 Piso	P16	Bottom	B243-Wy+ G	-21.06	0.53	1750	1400	-1.96	-0.73	1.92	40.12	57.52	24.07	SI
1 Piso	P16	Top	B244-Wx- G	-15.91	0.53	1750	1400	-0.67	2.84	0.17	58.27	87.15	33.78	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	1750	1400	-2.01	-0.75	1.90	40.61	57.52	24.37	SI
1 Piso	P16	Top	B244-Wy- G	-15.91	0.53	1750	1400	-0.67	2.84	0.17	58.27	87.15	33.78	SI
1 Piso	P16	Bottom	B244-Wy- G	-23.00	0.53	1750	1400	-2.01	-0.75	1.90	40.61	57.52	24.37	SI
1 Piso	P16	Top	B244-Wy- G	-15.91	0.53	1750	1400	0.67	2.84	0.17	58.27	87.15	33.78	SI
1 Piso	P16	Bottom	B244-Wy- G	-23.00	0.53	1750	1400	-2.01	-0.75	1.90	40.61	57.52	24.37	SI
1 Piso	P17	Top	B241	-39.14	1.31	4350	3480	2.34	-0.85	1.04	95.69	142.97	57.41	SI
1 Piso	P17	Bottom	B241	45.26	1.31	4350	3480	-0.66	-0.88	0.25	140.13	217.57	84.08	SI
1 Piso	P17	Top	B242 Loub	-63.07	1.31	4350	3480	5.55	-0.71	2.25	99.92	142.07	59.85	SI
1 Piso	P17	Bottom	B242 Loub	-100.54	1.31	4350	3480	3.52	-1.51	0.87	120.39	215.88	72.23	SI
1 Piso	P17	Top	B243-Wx+ Loub	-92.58	1.31	4350	3480	2.25	-0.71	0.81	99.78	151.76	59.86	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.43	1.31	4350	3480	0.08	-0.99	0.20	140.08	216.63	84.05	SI
1 Piso	P17	Top	B243-Wx- Loub	-37.59	1.31	4350	3480	2.25	-0.71	0.81	99.78	151.76	59.86	SI
1 Piso	P17	Bottom	B243-Wx- Loub	-40.43	1.31	4350	3480	0.08	-0.99	0.20	140.08	216.63	84.05	SI
1 Piso	P17	Top	B243 Wy+ Loub	-32.59	1.31	4350	3480	2.25	-0.71	0.81	99.78	151.76	59.86	SI
1 Piso	P17	Bottom	B243 Wy+ Loub	-40.43	1.31	4350	3480	0.68	-0.99	0.20	140.08	216.63	84.05	SI
1 Piso	P17	Top	B243-Wy- Loub	-32.59	1.31	4350	3480	2.25	-0.71	0.81	99.76	151.76	59.86	SI
1 Piso	P17	Bottom	B243-Wy- Loub	-40.43	1.31	4350	3480	0.08	-0.99	0.20	140.08	216.63	84.05	SI
1 Piso	P17	Top	B244-Wx+ Loub	-45.77	1.31	4350	3480	4.39	-0.75	1.49	98.09	142.97	58.85	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	53.39	1.31	4350	3480	2.44	-1.35	0.52	127.01	190.77	76.21	SI
1 Piso	P17	Top	B244-Wx- Loub	-45.77	1.31	4350	3480	4.39	-0.75	1.68	98.09	142.97	58.85	SI
1 Piso	P17	Bottom	B244 Wx- Loub	-53.39	1.31	4350	3480	2.44	-1.35	0.52	127.01	190.77	76.21	SI
1 Piso	P17	Top	B244-Wy+ Loub	-45.77	1.31	4350	3480	4.39	-0.75	1.68	98.09	142.97	58.85	SI
1 Piso	P17	Bottom	B244-Wy+ Loub	-53.39	1.31	4350	3480	2.44	-1.35	0.52	127.01	190.77	76.21	SI
1 Piso	P17	Top	B244-Wy- Loub	-45.77	1.31	4350	3480	4.39	-0.75	1.68	98.09	142.97	58.85	SI
1 Piso	P17	Bottom	B244-Wy- Loub	-53.39	1.31	4350	3480	2.44	-1.35	0.52	127.01	190.77	76.21	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aasv (m²)	Lw (cm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P17	Top	B245-Ex+	-44.99	1.31	4350	3480	3.05	0.90	1.02	97.90	142.97	58.74	SI
1 Piso	P17	Bottom	B245-Ex+	-52.45	1.31	4350	3480	3.78	0.20	5.98	99.75	142.07	59.90	SI
1 Piso	P17	Top	B245-Ex-	-44.11	1.31	4350	3480	0.36	-2.12	0.73	113.15	170.36	87.69	SI
1 Piso	P17	Bottom	B245-Ex-	-51.85	1.31	4350	3480	-1.20	-2.68	0.13	142.94	216.63	85.79	SI
1 Piso	P17	Top	B245-Ey+	-44.49	1.31	4350	3480	4.38	6.84	0.22	141.10	216.63	84.66	SI
1 Piso	P17	Bottom	B245-Ey+	-52.06	1.31	4350	3480	12.11	5.36	0.85	118.45	177.98	71.67	SI
1 Piso	P17	Top	B245-Ey-	-44.61	1.31	4350	3480	4.01	-7.10	0.38	141.13	216.63	84.80	SI
1 Piso	P17	Bottom	B245-Ey-	-52.25	1.31	4350	3480	7.13	-7.85	0.26	141.92	210.60	84.79	SI
1 Piso	P17	Top	B248-Wx+	-24.08	1.31	4350	3480	1.84	-0.50	0.94	95.88	148.62	57.52	SI
1 Piso	P17	Bottom	B248-Wx+	-28.95	1.31	4350	3480	0.52	-0.71	0.21	137.48	216.63	82.48	SI
1 Piso	P17	Top	B246-Wx-	-24.08	1.31	4350	3480	1.84	-0.50	0.94	95.88	148.62	57.52	SI
1 Piso	P17	Bottom	B246-Wx-	-28.95	1.31	4350	3480	0.52	-0.71	0.21	137.48	216.63	82.48	SI
1 Piso	P17	Top	B246-Wy+	-24.08	1.31	4350	3480	1.84	-0.50	0.94	95.88	148.62	57.52	SI
1 Piso	P17	Bottom	B246-Wy+	-28.95	1.31	4350	3480	0.52	-0.71	0.21	137.48	216.63	82.48	SI
1 Piso	P17	Top	B246-Wy-	-24.08	1.31	4350	3480	1.84	-0.50	0.94	95.88	148.62	57.52	SI
1 Piso	P17	Bottom	B246-Wy-	-28.95	1.31	4350	3480	0.52	-0.71	0.21	137.48	216.63	82.48	SI
1 Piso	P17	Top	B247 Ex+	-23.60	1.31	4350	3480	0.95	1.08	0.09	135.90	216.63	81.54	SI
1 Piso	P17	Bottom	B247-Ex+	-20.40	1.31	4350	3480	1.84	0.81	0.65	113.52	177.64	68.16	SI
1 Piso	P17	Top	B247-Ex-	-22.79	1.31	4350	3480	2.66	-7.81	0.40	126.09	202.67	75.65	SI
1 Piso	P17	Bottom	B247-Ex-	-28.60	1.31	4350	3480	-0.73	-2.37	0.10	137.78	216.63	82.31	SI
1 Piso	P17	Top	B247-Ey+	-23.17	1.31	4350	3480	1.70	6.05	0.08	135.77	216.63	81.46	SI
1 Piso	P17	Bottom	B247-Ey+	-29.01	1.31	4350	3480	10.97	5.97	0.49	122.00	193.85	73.20	SI
1 Piso	P17	Top	B247 Ey-	-23.29	1.31	4350	3480	1.32	-6.58	0.05	135.80	216.63	81.48	SI
1 Piso	P17	Bottom	B247 Ey-	-29.19	1.31	4350	3480	-9.07	-7.28	0.36	128.99	206.74	77.40	SI
1 Piso	P17	Top	B242 G	-53.76	1.31	4350	3480	5.68	-0.76	2.10	100.09	142.97	60.05	SI
1 Piso	P17	Bottom	B242 G	-61.24	1.31	4350	3480	3.50	-1.57	0.64	122.30	176.96	73.38	SI
1 Piso	P17	Top	B243-Wx- G	-34.00	1.31	4350	3480	2.59	-0.92	0.81	100.19	182.16	63.72	SI
1 Piso	P17	Bottom	B243-Wx- G	-42.65	1.31	4350	3480	0.60	-1.18	0.15	140.64	218.83	84.38	SI
1 Piso	P17	Top	B243-Wy- G	-34.80	1.31	4350	3480	2.59	-0.92	0.81	100.19	182.16	63.72	SI
1 Piso	P17	Bottom	B243-Wy- G	-42.65	1.31	4350	3480	0.60	-1.18	0.15	140.64	218.83	84.38	SI
1 Piso	P17	Top	B243-Wx+ G	-34.80	1.31	4350	3480	2.59	-0.92	0.81	100.19	182.16	63.72	SI
1 Piso	P17	Bottom	B243-Wx+ G	-42.65	1.31	4350	3480	0.60	-1.18	0.15	140.64	218.83	84.38	SI
1 Piso	P17	Top	B243-Wy+ G	-34.80	1.31	4350	3480	2.59	-0.92	0.81	100.19	182.16	63.72	SI
1 Piso	P17	Bottom	B243-Wy+ G	-42.65	1.31	4350	3480	0.60	-1.18	0.15	140.64	218.83	84.38	SI
1 Piso	P17	Top	B244-Wx- G	-48.48	1.31	4350	3480	4.50	-0.81	1.59	98.27	142.97	58.96	SI
1 Piso	P17	Bottom	B244-Wx- G	-54.08	1.31	4350	3480	2.42	-1.41	0.49	128.75	193.54	77.25	SI
1 Piso	P17	Top	B244-Wx+ G	-55.46	1.31	4350	3480	4.50	-0.81	1.59	98.27	142.97	58.96	SI
1 Piso	P17	Bottom	B244-Wx+ G	-54.08	1.31	4350	3480	2.42	-1.41	0.49	128.75	193.54	77.25	SI
1 Piso	P17	Top	B244-Wy- G	-45.46	1.31	4350	3480	4.50	-0.81	1.59	98.27	142.97	58.96	SI
1 Piso	P17	Bottom	B244-Wy- G	-54.08	1.31	4350	3480	2.42	-1.41	0.49	128.75	193.54	77.25	SI
1 Piso	P17	Top	B244-Wy+ G	-48.48	1.31	4350	3480	4.50	-0.81	1.59	98.27	142.97	58.96	SI
1 Piso	P17	Bottom	B244-Wy+ G	-54.08	1.31	4350	3480	2.42	-1.41	0.49	128.75	193.54	77.25	SI
1 Piso	P18	Top	B241	-69.26	2.62	8730	8984	-0.56	0.07	1.09	180.99	286.90	134.58	SI
1 Piso	P18	Bottom	B241	89.19	2.62	8730	8984	-0.10	-0.10	0.14	282.90	434.75	188.74	SI
1 Piso	P18	Top	B242 Loub	-97.40	2.62	8730	8984	-1.22	0.73	0.29	285.20	434.75	171.12	SI
1 Piso	P18	Bottom	B242 Loub	-115.31	2.62	8730	8984	-0.17	0.86	0.03	269.68	434.75	173.81	SI
1 Piso	P18	Top	B243-Wx+ Loub	-62.80	2.62	8730	8984	-0.45	-0.06	1.04	189.80	286.83	113.76	SI
1 Piso	P18	Bottom	B243-Wx+ Loub	-78.78	2.62	8730	8984	-0.22	-0.21	0.15	280.80	434.75	168.48	SI
1 Piso	P18	Top	B243-Wx- Loub	-62.80	2.62	8730	8984	-0.45	-0.06	1.04	189.80	286.83	113.76	SI
1 Piso	P18	Bottom	B243-Wx- Loub	-78.78	2.62	8730	8984	-0.22	-0.21	0.15	280.80	434.75	168.48	SI
1 Piso	P18	Top	B243-Wy+ Loub	-62.80	2.62	8730	8984	-0.45	-0.06	1.04	189.80	286.83	113.76	SI
1 Piso	P18	Bottom	B243-Wy+ Loub	-78.78	2.62	8730	8984	-0.22	-0.21	0.15	280.80	434.75	168.48	SI
1 Piso	P18	Top	B243-Wy- Loub	-62.80	2.62	8730	8984	0.46	-0.06	1.04	189.80	286.83	113.76	SI
1 Piso	P18	Bottom	B243-Wy- Loub	-78.78	2.62	8730	8984	-0.22	-0.21	0.15	280.80	434.75	168.48	SI
1 Piso	P18	Top	B244-Wx+ Loub	-85.45	2.62	8730	8984	-0.90	0.41	0.33	271.27	421.42	162.76	SI
1 Piso	P18	Bottom	B244-Wx+ Loub	-102.99	2.62	8730	8984	-0.22	0.44	0.07	286.60	434.75	171.96	SI
1 Piso	P18	Top	B244-Wx- Loub	-85.45	2.62	8730	8984	-0.09	0.41	0.33	271.27	421.42	162.76	SI
1 Piso	P18	Bottom	B244-Wx- Loub	-102.99	2.62	8730	8984	-0.22	0.44	0.07	286.60	434.75	171.96	SI
1 Piso	P18	Top	B244-Wy+ Loub	-85.45	2.62	8730	8984	-0.90	0.41	0.33	271.27	421.42	162.76	SI
1 Piso	P18	Bottom	B244-Wy+ Loub	-102.99	2.62	8730	8984	-0.22	0.44	0.07	286.60	434.75	171.96	SI
1 Piso	P18	Top	B244-Wy- Loub	-85.45	2.62	8730	8984	-0.90	0.41	0.33	271.27	421.42	162.76	SI
1 Piso	P18	Bottom	B244-Wy- Loub	-102.99	2.62	8730	8984	-0.22	0.44	0.07	286.60	434.75	171.96	SI
1 Piso	P18	Top	B245-Ex+	-85.57	2.62	8730	8984	1.54	5.57	0.04	281.74	434.75	169.04	SI
1 Piso	P18	Bottom	B245-Ex+	-100.44	2.62	8730	8984	7.00	5.70	0.18	285.96	434.75	171.58	SI
1 Piso	P18	Top	B245-Ex-	-85.82	2.62	8730	8984	-0.35	-4.57	0.01	281.05	434.75	168.63	SI
1 Piso	P18	Bottom	B245-Ex-	-95.18	2.62	8730	8984	-7.28	6.63	0.22	285.64	434.75	171.39	SI
1 Piso	P18	Top	B245-Ey+	-82.05	2.62	8730	8984	1.59	16.52	0.01	281.36	434.75	168.82	SI
1 Piso	P18	Bottom	B245-Ey+	-99.83	2.62	8730	8984	25.74	17.04	0.22	285.76	434.75	171.45	SI
1 Piso	P18	Top	B245-Ey-	-87.34	2.62	8730	8984	3.47	-15.52	0.03	291.43	434.75	168.88	SI
1 Piso	P18	Bottom	B245-Ey-	-100.00	2.62	8730	8984	25.38	-15.86	0.23	295.65	434.75	171.51	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	tl (mm)	M33 (ton-m)	V22 (ton)	Øvu(Vu*Ω)	Vn (ton)	Vn max (ton)	ØVn (ton)	Cumple
1 Piso	P18	Top	B248-Wx+	-46.14	2.62	8730	6984	-0.34	-0.02	2.50	185.43	286.93	111.26	SI
1 Piso	P18	Bottom	B248-Wx+	-58.90	2.62	8730	6984	-0.14	-0.13	0.15	275.57	434.75	165.34	SI
1 Piso	P18	Top	B248-Wx-	-46.14	2.62	8730	6984	-0.34	0.02	2.59	185.43	286.93	111.26	SI
1 Piso	P18	Bottom	B248-Wx-	-58.90	2.62	8730	6984	-0.14	-0.13	0.15	275.57	434.75	165.34	SI
1 Piso	P18	Top	B248-Wy+	-46.14	2.62	8730	6984	-0.34	-0.02	2.59	185.43	286.93	111.26	SI
1 Piso	P18	Bottom	B248-Wy+	-58.90	2.62	8730	6984	-0.14	-0.13	0.15	275.57	434.75	165.34	SI
1 Piso	P18	Top	B248-Wy-	-46.14	2.62	8730	6984	-0.34	-0.02	2.56	185.43	286.93	111.26	SI
1 Piso	P18	Bottom	B248-Wy-	-58.90	2.62	8730	6984	-0.14	-0.13	0.15	275.57	434.75	165.34	SI
1 Piso	P18	Top	B247-Ex+	-45.25	2.62	8730	6984	-0.65	5.12	0.03	272.16	434.75	163.50	SI
1 Piso	P18	Bottom	B247-Ex+	-57.32	2.62	8730	6984	7.05	5.10	0.20	275.18	434.75	165.11	SI
1 Piso	P18	Top	B247-Ex-	-42.51	2.62	8730	6984	0.25	-5.02	0.01	271.48	434.75	162.89	SI
1 Piso	P18	Bottom	B247-Ex-	-56.06	2.62	8730	6984	-7.16	-5.29	0.20	274.90	434.75	164.94	SI
1 Piso	P18	Top	B247-Ey+	-43.74	2.62	8730	6984	2.18	19.07	0.02	277.70	434.75	166.62	SI
1 Piso	P18	Bottom	B247-Ey+	-56.50	2.62	8730	6984	25.85	16.43	0.22	274.97	434.75	164.98	SI
1 Piso	P18	Top	B247-Ey-	-44.03	2.62	8730	6984	-2.86	-15.85	0.03	271.88	434.75	163.11	SI
1 Piso	P18	Bottom	B247-Ey-	-56.88	2.62	8730	6984	-25.90	-16.57	0.22	275.07	434.75	165.04	SI
1 Piso	P18	Top	B242 G	-99.20	2.62	8730	6984	-0.22	0.66	0.26	282.84	435.76	169.70	SI
1 Piso	P18	Bottom	B242 G	-117.11	2.62	8730	6984	-0.23	0.83	0.04	290.13	434.75	174.08	SI
1 Piso	P18	Top	B243 Wx- G	-88.69	2.62	8730	6984	-0.62	-0.23	0.26	274.44	434.44	164.67	SI
1 Piso	P18	Bottom	B243-Wx- G	-85.53	2.62	8730	6984	-0.41	0.38	0.16	282.23	434.75	169.34	SI
1 Piso	P18	Top	B243-Wy+ G	-88.69	2.62	8730	6984	-0.42	-0.23	0.28	274.44	434.44	164.67	SI
1 Piso	P18	Bottom	B243-Wy+ G	-85.53	2.62	8730	6984	-0.41	-0.38	0.16	282.23	434.75	169.34	SI
1 Piso	P18	Top	B243-Wx+ G	-88.69	2.62	8730	6984	-0.42	-0.23	0.28	274.44	434.44	164.67	SI
1 Piso	P18	Bottom	B243-Wx+ G	-85.53	2.62	8730	6984	-0.41	-0.38	0.16	282.23	434.75	169.34	SI
1 Piso	P18	Top	B243-Wy- G	-88.69	2.62	8730	6984	-0.42	0.23	0.28	274.44	434.44	164.67	SI
1 Piso	P18	Bottom	B243-Wy- G	-85.53	2.62	8730	6984	-0.41	0.39	0.16	282.23	434.75	169.34	SI
1 Piso	P18	Top	B244-Wx- G	-87.28	2.62	8730	6984	-0.92	0.35	0.37	268.57	412.29	159.94	SI
1 Piso	P18	Bottom	B244-Wx- G	-104.78	2.62	8730	6984	-0.28	0.39	0.10	287.04	434.75	172.23	SI
1 Piso	P18	Top	B244-Wx+ G	-87.28	2.62	8730	6984	-0.92	0.35	0.37	268.57	412.29	159.94	SI
1 Piso	P18	Bottom	B244-Wx+ G	-104.78	2.62	8730	6984	-0.28	0.39	0.10	287.04	434.75	172.23	SI
1 Piso	P18	Top	B244-Wy- G	-87.28	2.62	8730	6984	-0.92	0.35	0.37	268.57	412.29	159.94	SI
1 Piso	P18	Bottom	B244-Wy- G	-104.78	2.62	8730	6984	-0.28	0.39	0.10	287.04	434.75	172.23	SI
1 Piso	P18	Top	B244-Wy+ G	-87.28	2.62	8730	6984	-0.92	0.35	0.37	268.57	412.29	159.94	SI
1 Piso	P18	Bottom	B244-Wy+ G	-104.78	2.62	8730	6984	-0.28	0.39	0.10	287.04	434.75	172.23	SI
1 Piso	P21	Top	B241	-39.48	1.37	4550	3640	-8.54	1.64	1.49	100.50	169.55	60.30	SI
1 Piso	P21	Bottom	B241	-48.39	1.37	4550	3640	4.08	2.44	0.45	134.90	206.45	80.94	SI
1 Piso	P21	Top	B242 Loub	-45.56	1.37	4550	3640	-15.11	2.94	1.41	105.08	149.55	61.22	SI
1 Piso	P21	Bottom	B242 Loub	-53.67	1.37	4550	3640	-7.54	4.40	0.47	135.22	204.74	81.13	SI
1 Piso	P21	Top	B243-Wx+ Loub	-35.73	1.37	4550	3640	-7.85	1.56	1.39	98.57	149.55	59.74	SI
1 Piso	P21	Bottom	B243-Wx+ Loub	-43.32	1.37	4550	3640	-3.64	2.27	0.44	134.49	207.97	80.69	SI
1 Piso	P21	Top	B243-Wx- Loub	-35.73	1.37	4550	3640	-7.85	1.56	1.39	98.57	149.55	59.74	SI
1 Piso	P21	Bottom	B243-Wx- Loub	-43.32	1.37	4550	3640	-3.64	2.27	0.44	134.49	207.97	80.69	SI
1 Piso	P21	Top	B243-Wy+ Loub	-35.73	1.37	4550	3640	-7.85	1.56	1.39	98.57	149.55	59.74	SI
1 Piso	P21	Bottom	B243-Wy+ Loub	-43.32	1.37	4550	3640	-3.64	2.27	0.44	134.49	207.97	80.69	SI
1 Piso	P21	Top	B243-Wy- Loub	-35.73	1.37	4550	3640	-7.85	1.56	1.39	98.57	149.55	59.74	SI
1 Piso	P21	Bottom	B243-Wy- Loub	-43.32	1.37	4550	3640	-3.64	2.27	0.44	134.49	207.97	80.69	SI
1 Piso	P21	Top	B244-Wx+ Loub	-42.32	1.37	4550	3640	-12.51	2.45	1.40	101.22	149.55	60.73	SI
1 Piso	P21	Bottom	B244-Wx+ Loub	-50.16	1.37	4550	3640	-6.12	3.65	0.48	134.93	205.74	80.96	SI
1 Piso	P21	Top	B244-Wx- Loub	-42.32	1.37	4550	3640	-12.51	2.45	1.40	101.22	149.55	60.73	SI
1 Piso	P21	Bottom	B244-Wx- Loub	-50.16	1.37	4550	3640	-6.12	3.65	0.48	134.93	205.74	80.96	SI
1 Piso	P21	Top	B244-Wy+ Loub	-42.32	1.37	4550	3640	-12.51	2.45	1.40	101.22	149.55	60.73	SI
1 Piso	P21	Bottom	B244-Wy+ Loub	-50.16	1.37	4550	3640	-6.12	3.65	0.48	134.93	205.74	80.96	SI
1 Piso	P21	Top	B244-Wy- Loub	-42.32	1.37	4550	3640	-12.51	2.45	1.40	101.22	149.55	60.73	SI
1 Piso	P21	Bottom	B244-Wy- Loub	-50.16	1.37	4550	3640	-6.12	3.65	0.48	134.93	205.74	80.96	SI
1 Piso	P21	Top	B245-Ex+	-41.64	1.37	4550	3640	-12.60	5.61	0.90	124.33	190.75	74.60	SI
1 Piso	P21	Bottom	B245-Ex+	-48.28	1.37	4550	3640	-3.37	6.69	0.05	148.28	226.59	88.97	SI
1 Piso	P21	Top	B245-Ex-	-40.14	1.37	4550	3640	-11.42	-1.13	2.77	100.67	149.55	60.40	SI
1 Piso	P21	Bottom	B245-Ex-	-48.25	1.37	4550	3640	10.80	0.13	22.24	102.70	149.55	61.62	SI
1 Piso	P21	Top	B245-Ey+	-40.72	1.37	4550	3640	-11.32	0.15	0.34	139.71	218.37	83.83	SI
1 Piso	P21	Bottom	B245-Ey+	-49.64	1.37	4550	3640	4.50	10.51	0.12	148.11	228.59	88.87	SI
1 Piso	P21	Top	B245-Ey-	-41.07	1.37	4550	3640	-12.90	-4.47	0.78	113.93	171.18	87.89	SI
1 Piso	P21	Bottom	B245-Ey-	-48.80	1.37	4550	3640	-16.57	-3.46	1.31	102.86	148.55	61.72	SI
1 Piso	P21	Top	B248-Wx+	-26.37	1.37	4550	3640	-5.77	1.13	1.40	97.23	149.55	58.34	SI
1 Piso	P21	Bottom	B248-Wx+	-32.08	1.37	4550	3640	-2.89	1.66	0.44	131.43	207.54	78.86	SI
1 Piso	P21	Top	B248-Wx-	-26.37	1.37	4550	3640	-5.77	1.13	1.40	97.23	149.55	58.34	SI
1 Piso	P21	Bottom	B248-Wx-	-32.08	1.37	4550	3640	-2.89	1.66	0.44	131.43	207.54	78.86	SI
1 Piso	P21	Top	B248-Wy+	-26.37	1.37	4550	3640	-5.77	1.13	1.40	97.23	149.55	58.34	SI
1 Piso	P21	Bottom	B248-Wy+	-32.08	1.37	4550	3640	-2.89	1.66	0.44	131.43	207.54	78.86	SI
1 Piso	P21	Top	B248-Wy-	-26.37	1.37	4550	3640	-5.77	1.13	1.40	97.23	149.55	58.34	SI
1 Piso	P21	Bottom	B248-Wy-	-32.08	1.37	4550	3640	-2.89	1.66	0.44	131.43	207.54	78.86	SI

STORY	MUARD	LOC.	COMB	Pu (ton)	Aner (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P21	Top	B247-Ex+	-26.13	1.37	4550	3640	-6.16	4.53	0.37	134.00	214.71	80.40	SI
1 Piso	P21	Bottom	B247-Ex+	-31.63	1.37	4550	3640	2.03	4.95	0.11	149.66	226.59	96.32	SI
1 Piso	P21	Top	B247-Ex-	-24.63	1.37	4550	3640	4.80	-2.42	0.55	123.55	185.66	74.13	SI
1 Piso	P21	Bottom	B247-Ex-	-30.59	1.37	4550	3640	7.21	-1.81	1.06	98.28	149.55	68.97	SI
1 Piso	P21	Top	B247-Ey+	-25.20	1.37	4550	3640	-4.70	7.87	0.16	142.25	228.59	85.35	SI
1 Piso	P21	Bottom	B247-Ey+	-30.88	1.37	4550	3640	7.99	8.57	0.26	142.19	227.05	85.31	SI
1 Piso	P21	Top	B247-Ey-	-25.55	1.37	4550	3640	-6.26	-5.76	0.90	138.28	222.56	82.97	SI
1 Piso	P21	Bottom	B247-Ey-	-31.24	1.37	4550	3640	-13.18	-5.43	0.67	118.05	184.23	70.83	SI
1 Piso	P21	Top	B242 G	-48.97	1.37	4550	3640	-15.33	3.00	1.40	102.23	149.55	61.34	SI
1 Piso	P21	Bottom	B242 G	-54.35	1.37	4550	3640	-7.82	4.48	0.47	135.82	205.09	81.37	SI
1 Piso	P21	Top	B243-Wx- G	-39.31	1.37	4550	3640	-8.58	3.78	1.34	100.21	149.55	60.13	SI
1 Piso	P21	Bottom	B243-Wx- G	-45.83	1.37	4550	3640	-3.88	2.52	0.42	136.09	209.70	81.85	SI
1 Piso	P21	Top	B243-Wy- G	-39.31	1.37	4550	3640	-8.58	1.76	1.34	100.21	149.55	60.13	SI
1 Piso	P21	Bottom	B243-Wy- G	-45.83	1.37	4550	3640	-3.88	2.52	0.42	136.09	209.70	81.85	SI
1 Piso	P21	Top	B243-Wx+ G	-39.31	1.37	4550	3640	-8.58	1.76	1.34	100.21	149.55	60.13	SI
1 Piso	P21	Bottom	B243-Wx+ G	-45.83	1.37	4550	3640	-3.88	2.52	0.42	136.09	209.70	81.85	SI
1 Piso	P21	Top	B243-Wy+ G	-39.31	1.37	4550	3640	-8.58	1.76	1.34	100.21	149.55	60.13	SI
1 Piso	P21	Bottom	B243-Wy+ G	-45.83	1.37	4550	3640	-3.88	2.52	0.42	136.09	209.70	81.85	SI
1 Piso	P21	Top	B244-Wx- G	-43.13	1.37	4550	3640	-12.73	2.52	1.39	101.42	149.55	60.85	SI
1 Piso	P21	Bottom	B244-Wx- G	-50.95	1.37	4550	3640	-6.20	3.72	0.48	135.36	208.15	81.22	SI
1 Piso	P21	Top	B244-Wx+ G	-43.13	1.37	4550	3640	-12.73	2.52	1.39	101.42	149.55	60.85	SI
1 Piso	P21	Bottom	B244-Wx+ G	-50.95	1.37	4550	3640	-6.20	3.72	0.48	135.36	208.15	81.22	SI
1 Piso	P21	Top	B244-Wy- G	-43.13	1.37	4550	3640	-12.73	2.52	1.39	101.42	149.55	60.85	SI
1 Piso	P21	Bottom	B244-Wy- G	-50.95	1.37	4550	3640	-6.20	3.72	0.48	135.36	208.15	81.22	SI
1 Piso	P21	Top	B244-Wy+ G	-43.13	1.37	4550	3640	-12.73	2.52	1.39	101.42	149.55	60.85	SI
1 Piso	P21	Bottom	B244-Wy+ G	-50.95	1.37	4550	3640	-6.20	3.72	0.48	135.36	208.15	81.22	SI
1 Piso	P22	Top	B241	-14.56	0.80	2650	2120	-1.18	-2.20	0.26	82.04	132.41	49.22	SI
1 Piso	P22	Bottom	B241	-21.67	0.80	2650	2120	3.19	3.64	0.41	78.31	122.70	46.99	SI
1 Piso	P22	Top	B242 Loub	-13.66	0.80	2650	2120	-1.52	-2.80	0.25	80.80	131.87	49.58	SI
1 Piso	P22	Bottom	B242 Loub	-20.11	0.80	2650	2120	3.27	4.01	0.38	79.05	124.67	47.43	SI
1 Piso	P22	Top	B243-Wx+ Loub	-13.60	0.80	2650	2120	-1.25	-1.66	0.35	78.39	126.37	47.03	SI
1 Piso	P22	Bottom	B243-Wx+ Loub	-19.54	0.80	2650	2120	2.88	3.35	0.41	78.04	123.14	46.82	SI
1 Piso	P22	Top	B243-Wx- Loub	-13.60	0.80	2650	2120	-1.25	-1.66	0.35	78.39	126.37	47.03	SI
1 Piso	P22	Bottom	B243-Wx- Loub	-19.54	0.80	2650	2120	2.88	3.35	0.41	78.04	123.14	46.82	SI
1 Piso	P22	Top	B243-Wy+ Loub	-13.60	0.80	2650	2120	-1.25	-1.66	0.35	78.39	126.37	47.03	SI
1 Piso	P22	Bottom	B243-Wy+ Loub	-19.54	0.80	2650	2120	2.88	3.35	0.41	78.04	123.14	46.82	SI
1 Piso	P22	Top	B243-Wy- Loub	-13.60	0.80	2650	2120	-1.25	-1.66	0.35	78.39	126.37	47.03	SI
1 Piso	P22	Bottom	B243-Wy- Loub	-19.54	0.80	2650	2120	2.88	3.35	0.41	78.04	123.14	46.82	SI
1 Piso	P22	Top	B244-Wx+ Loub	-13.91	0.80	2650	2120	-1.47	-2.38	0.29	80.81	130.17	48.37	SI
1 Piso	P22	Bottom	B244-Wx+ Loub	-20.13	0.80	2650	2120	3.18	3.84	0.39	78.81	124.23	47.28	SI
1 Piso	P22	Top	B244-Wx- Loub	-13.91	0.80	2650	2120	-1.47	-2.38	0.29	80.81	130.17	48.37	SI
1 Piso	P22	Bottom	B244-Wx- Loub	-20.13	0.80	2650	2120	3.18	3.84	0.39	78.81	124.23	47.28	SI
1 Piso	P22	Top	B244-Wy- Loub	-13.91	0.80	2650	2120	-1.47	-2.38	0.29	80.81	130.17	48.37	SI
1 Piso	P22	Bottom	B244-Wy- Loub	-20.13	0.80	2650	2120	3.18	3.84	0.39	78.81	124.23	47.28	SI
1 Piso	P22	Top	B244-Wy+ Loub	-13.91	0.80	2650	2120	-1.47	-2.38	0.29	80.81	130.17	48.37	SI
1 Piso	P22	Bottom	B244-Wy+ Loub	-20.13	0.80	2650	2120	3.18	3.84	0.39	78.81	124.23	47.28	SI
1 Piso	P22	Top	B245-Ex+	-15.17	0.80	2650	2120	-1.97	-1.50	0.52	69.55	110.04	41.73	SI
1 Piso	P22	Bottom	B245-Ex+	-25.18	0.80	2650	2120	7.87	5.12	0.73	68.50	108.77	41.10	SI
1 Piso	P22	Top	B245-Ex-	-10.94	0.80	2650	2120	-0.62	-3.82	0.06	81.92	131.97	49.15	SI
1 Piso	P22	Bottom	B245-Ex-	-13.56	0.80	2650	2120	-1.77	2.22	0.36	77.53	124.88	46.52	SI
1 Piso	P22	Top	B245-Ey+	-14.00	0.80	2650	2120	-1.92	0.42	1.48	56.29	87.10	33.77	SI
1 Piso	P22	Bottom	B245-Ey+	-21.42	0.80	2650	2120	8.10	7.21	0.53	74.27	115.83	44.56	SI
1 Piso	P22	Top	B245-Ey-	-12.12	0.80	2650	2120	-1.27	-5.53	0.11	82.21	131.97	49.33	SI
1 Piso	P22	Bottom	B245-Ey-	-17.32	0.80	2650	2120	-2.00	0.13	7.66	57.12	87.10	34.27	SI
1 Piso	P22	Top	B246-Wx+	-9.95	0.80	2650	2120	-0.88	-1.30	0.32	78.58	128.34	47.15	SI
1 Piso	P22	Bottom	B246-Wx+	-14.43	0.80	2650	2120	2.13	2.46	0.41	78.69	123.01	46.02	SI
1 Piso	P22	Top	B246-Wx-	-9.95	0.80	2650	2120	-0.88	-1.30	0.32	78.58	128.34	47.15	SI
1 Piso	P22	Bottom	B246-Wx-	-14.43	0.80	2650	2120	2.13	2.46	0.41	78.69	123.01	46.02	SI
1 Piso	P22	Top	B246 Wy+	-9.95	0.80	2650	2120	0.88	1.30	0.32	78.58	128.34	47.15	SI
1 Piso	P22	Bottom	B246 Wy+	-14.43	0.80	2650	2120	2.13	2.46	0.41	78.69	123.01	46.02	SI
1 Piso	P22	Top	B246-Wy-	-9.95	0.80	2650	2120	-0.88	-1.30	0.32	78.58	128.34	47.15	SI
1 Piso	P22	Bottom	B246-Wy-	-14.43	0.80	2650	2120	2.13	2.46	0.41	78.69	123.01	46.02	SI
1 Piso	P22	Top	B247-Ex+	-11.48	0.80	2650	2120	-1.44	-0.36	1.90	56.86	87.10	33.36	SI
1 Piso	P22	Bottom	B247-Ex+	-19.71	0.80	2650	2120	6.87	3.79	0.86	82.49	95.90	37.61	SI
1 Piso	P22	Top	B247-Ex-	-7.24	0.80	2650	2120	-0.09	-2.48	0.02	80.69	131.97	48.58	SI
1 Piso	P22	Bottom	B247-Ex-	-8.09	0.80	2650	2120	-2.77	0.80	1.47	54.81	87.10	32.68	SI
1 Piso	P22	Top	B247-Ey+	-10.30	0.80	2650	2120	-0.79	1.96	0.24	81.70	131.97	48.05	SI
1 Piso	P22	Bottom	B247-Ey+	-15.95	0.80	2650	2120	7.10	5.58	0.57	71.54	113.23	42.03	SI
1 Piso	P22	Top	B247-Ey-	-8.42	0.80	2650	2120	-0.74	-4.39	0.09	81.29	131.97	48.77	SI
1 Piso	P22	Bottom	B247-Ey-	-11.85	0.80	2650	2120	-2.98	-1.20	1.18	55.75	87.10	33.46	SI

STORY	MURO	LOC.	COMB	Pw (ton)	Aww (m²)	Ew (mpa)	d (mm)	M33 (ton-m)	V22 (ton)	Mw/(Vw*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P22	Top	B242 G	-14.15	0.80	2650	2120	-1.81	-2.87	0.27	81.33	131.34	48.80	SI
1 Piso	P22	Bottom	B242 G	-20.54	0.80	2650	2120	3.33	4.14	0.38	79.22	124.77	47.53	SI
1 Piso	P22	Top	B243-Wx- G	-15.14	0.80	2650	2120	-1.56	-1.36	0.54	72.27	114.88	43.36	SI
1 Piso	P22	Bottom	B243-Wx- G	-20.92	0.80	2650	2120	3.08	3.65	0.40	78.88	123.05	47.21	SI
1 Piso	P22	Top	B243-Wy- G	-15.14	0.80	2650	2120	-1.56	-1.36	0.54	72.27	114.88	43.36	SI
1 Piso	P22	Bottom	B243-Wy- G	-20.92	0.80	2650	2120	3.08	3.65	0.40	78.88	123.05	47.21	SI
1 Piso	P22	Top	B243-Wx+ G	-15.14	0.80	2650	2120	-1.56	-1.36	0.54	72.27	114.88	43.36	SI
1 Piso	P22	Bottom	B243-Wx+ G	-20.92	0.80	2650	2120	3.08	3.65	0.40	78.88	123.05	47.21	SI
1 Piso	P22	Top	B243-Wy+ G	-15.14	0.80	2650	2120	-1.56	-1.36	0.54	72.27	114.88	43.36	SI
1 Piso	P22	Bottom	B243-Wy+ G	-20.92	0.80	2650	2120	3.08	3.65	0.40	78.88	123.05	47.21	SI
1 Piso	P22	Top	B244-Wx- G	-14.39	0.80	2650	2120	-1.57	-2.29	0.32	79.62	126.20	47.77	SI
1 Piso	P22	Bottom	B244-Wx- G	-20.58	0.80	2650	2120	3.22	3.90	0.39	78.89	124.35	47.39	SI
1 Piso	P22	Top	B244-Wx+ G	-14.39	0.80	2650	2120	-1.57	-2.29	0.32	79.62	126.20	47.77	SI
1 Piso	P22	Bottom	B244-Wx+ G	-20.58	0.80	2650	2120	3.22	3.90	0.39	78.89	124.35	47.39	SI
1 Piso	P22	Top	B244-Wy- G	-14.39	0.80	2650	2120	-1.57	-2.29	0.32	79.62	126.20	47.77	SI
1 Piso	P22	Bottom	B244-Wy- G	-20.58	0.80	2650	2120	3.22	3.90	0.39	78.89	124.35	47.39	SI
1 Piso	P22	Top	B244-Wy+ G	-14.39	0.80	2650	2120	-1.57	-2.29	0.32	79.62	126.20	47.77	SI
1 Piso	P22	Bottom	B244-Wy+ G	-20.58	0.80	2650	2120	3.22	3.90	0.39	78.89	124.35	47.39	SI
1 Piso	P29	Top	B241	-97.44	1.57	5620	4496	78.65	-4.31	1.06	121.76	172.40	72.61	SI
1 Piso	P29	Bottom	B241	-79.27	1.57	5620	4496	-6.44	5.28	0.27	173.77	259.92	104.26	SI
1 Piso	P29	Top	B242 Lcub	-85.90	1.57	5620	4496	-32.44	-7.25	1.00	126.30	172.88	75.78	SI
1 Piso	P29	Bottom	B242 Lcub	-96.44	1.57	5620	4496	-10.74	9.90	0.24	180.71	261.21	109.43	SI
1 Piso	P29	Top	B243-Wx1 Lcub	-89.92	1.57	5620	4496	-18.92	-3.36	1.25	120.32	172.40	72.19	SI
1 Piso	P29	Bottom	B243-Wx+ Lcub	-73.20	1.57	5620	4496	-8.31	4.72	0.30	170.52	256.85	102.31	SI
1 Piso	P29	Top	B243-Wx- Lcub	-93.32	1.57	5620	4496	-18.92	-3.36	1.25	120.32	172.40	72.19	SI
1 Piso	P29	Bottom	B243-Wx- Lcub	-73.20	1.57	5620	4496	-8.31	4.72	0.30	170.52	256.85	102.31	SI
1 Piso	P29	Top	B243-Wy+ Lcub	-93.32	1.57	5620	4496	-18.92	-3.36	1.25	120.32	172.40	72.19	SI
1 Piso	P29	Bottom	B243-Wy+ Lcub	-73.20	1.57	5620	4496	-8.31	4.72	0.30	170.52	256.85	102.31	SI
1 Piso	P29	Top	B244-Wx+ Lcub	-78.79	1.57	5620	4496	-27.86	-5.75	1.08	124.18	172.40	74.51	SI
1 Piso	P29	Bottom	B244-Wx+ Lcub	-88.66	1.57	5620	4496	-9.27	8.00	0.26	177.08	261.82	106.25	SI
1 Piso	P29	Top	B244-Wx- Lcub	-78.79	1.57	5620	4496	-27.86	-5.75	1.08	124.18	172.40	74.51	SI
1 Piso	P29	Bottom	B244-Wx- Lcub	-88.66	1.57	5620	4496	-9.27	8.00	0.26	177.08	261.82	106.25	SI
1 Piso	P29	Top	B244-Wy+ Lcub	-78.79	1.57	5620	4496	-27.86	-5.75	1.08	124.18	172.40	74.51	SI
1 Piso	P29	Bottom	B244-Wy+ Lcub	-88.66	1.57	5620	4496	-9.27	8.00	0.26	177.08	261.82	106.25	SI
1 Piso	P29	Top	B244-Wy- Lcub	-78.79	1.57	5620	4496	-27.86	-5.75	1.08	124.18	172.40	74.51	SI
1 Piso	P29	Bottom	B244-Wy- Lcub	-88.66	1.57	5620	4496	-9.27	8.00	0.26	177.08	261.82	106.25	SI
1 Piso	P29	Top	B245-Ex+	-76.00	1.57	5620	4496	-14.41	32.11	0.10	175.63	261.21	105.36	SI
1 Piso	P29	Bottom	B245-Ex+	-99.04	1.57	5620	4496	65.44	46.94	0.40	169.67	243.92	101.80	SI
1 Piso	P29	Top	B245-Ex-	-72.43	1.57	5620	4496	-38.78	-43.97	0.19	174.83	261.21	104.90	SI
1 Piso	P29	Bottom	B245-Ex-	-70.33	1.57	5620	4496	-102.78	-31.24	0.73	140.78	204.64	84.47	SI
1 Piso	P29	Top	B245-Ey+	-77.37	1.57	5620	4496	-13.36	7.67	0.37	166.44	247.79	99.86	SI
1 Piso	P29	Bottom	B245-Ey+	-83.19	1.57	5620	4496	9.61	5.73	0.37	167.88	247.77	100.73	SI
1 Piso	P29	Top	B245-Ey-	-71.65	1.57	5620	4496	-39.23	-0.78	2.31	122.45	172.40	73.47	SI
1 Piso	P29	Bottom	B245-Ey-	-96.18	1.57	5620	4496	-26.65	9.97	0.80	153.92	220.32	91.87	SI
1 Piso	P29	Top	B246-Wx+	-46.28	1.57	5620	4496	13.72	-2.56	1.19	118.05	172.40	69.63	SI
1 Piso	P29	Bottom	B246-Wx+	-53.72	1.57	5620	4496	-4.56	3.50	0.29	186.15	267.74	99.69	SI
1 Piso	P29	Top	B246-Wx-	-46.28	1.57	5620	4496	-13.72	-2.56	1.19	118.05	172.40	69.63	SI
1 Piso	P29	Bottom	B246-Wx-	-53.72	1.57	5620	4496	-4.56	3.50	0.29	186.15	267.74	99.69	SI
1 Piso	P29	Top	B246-Wy+	-46.28	1.57	5620	4496	-13.72	-2.56	1.19	118.05	172.40	69.63	SI
1 Piso	P29	Bottom	B246-Wy+	-53.72	1.57	5620	4496	-4.56	3.50	0.29	168.75	267.74	99.89	SI
1 Piso	P29	Top	B246-Wy-	-46.28	1.57	5620	4496	-13.72	-2.56	1.19	118.05	172.40	69.63	SI
1 Piso	P29	Bottom	B246-Wy-	-53.72	1.57	5620	4496	-4.56	3.50	0.29	186.15	267.74	99.69	SI
1 Piso	P29	Top	B247 Ex+	-45.54	1.57	5620	4496	-0.75	35.35	0.00	169.11	261.21	100.87	SI
1 Piso	P29	Bottom	B247-Ex+	-65.02	1.57	5620	4496	80.97	42.48	0.47	156.74	235.98	94.04	SI
1 Piso	P29	Top	B247-Ex-	-41.17	1.57	5620	4496	-24.52	-40.83	0.19	167.02	261.21	100.21	SI
1 Piso	P29	Bottom	B247-Ex-	-36.80	1.57	5620	4496	-99.25	-35.70	0.61	139.98	214.01	83.99	SI
1 Piso	P29	Top	B247-Ey+	-46.11	1.57	5620	4496	0.30	4.74	0.01	168.26	261.21	100.96	SI
1 Piso	P29	Bottom	B247-Ey+	-48.46	1.57	5620	4496	24.16	1.27	2.47	116.85	172.40	70.11	SI
1 Piso	P29	Top	B247-Ey-	-40.60	1.57	5620	4496	-25.57	-0.56	10.40	114.64	172.40	68.78	SI
1 Piso	P29	Bottom	B247-Ey-	-52.45	1.57	5620	4496	-22.42	5.57	0.91	124.05	183.81	74.43	SI
1 Piso	P29	Top	B242 G	-88.92	1.57	5620	4496	-33.32	-7.18	1.03	126.57	172.40	75.94	SI
1 Piso	P29	Bottom	B242 G	-98.18	1.57	5620	4496	11.08	9.98	0.25	181.27	261.21	108.76	SI
1 Piso	P29	Top	B243-Wx- G	-70.87	1.57	5620	4496	-21.75	-3.13	1.54	122.20	172.40	73.32	SI
1 Piso	P29	Bottom	B243-Wx- G	-80.38	1.57	5620	4496	-7.39	5.00	0.33	170.17	253.05	102.10	SI
1 Piso	P29	Top	B243-Wy- G	-70.87	1.57	5620	4496	-21.75	-3.13	1.54	122.20	172.40	73.32	SI
1 Piso	P29	Bottom	B243-Wy- G	-80.38	1.57	5620	4496	-7.39	5.00	0.33	170.17	253.05	102.10	SI
1 Piso	P29	Top	B243-Wx+ G	70.87	1.57	5620	4496	-21.75	-3.13	1.54	122.20	172.40	73.32	SI
1 Piso	P29	Bottom	B243-Wx+ G	-80.38	1.57	5620	4496	-7.39	5.00	0.33	170.17	253.05	102.10	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vns (ton)	Vn max (ton)	ØVn (ton)	Cumple
1 Piso	P29	Top	B243-Wy+ G	-70.67	1.57	5620	4496	-21.75	-3.13	1.54	122.20	172.40	73.32	SI
1 Piso	P29	Bottom	B243-Wy+ G	-90.38	1.57	5620	4496	-7.99	5.00	0.33	170.17	258.05	102.10	SI
1 Piso	P29	Top	B244-Wx- G	-81.14	1.57	5620	4496	-28.75	-5.88	1.13	124.77	172.40	74.88	SI
1 Piso	P29	Bottom	B244-Wx- G	-90.80	1.57	5620	4496	-9.60	8.09	0.26	177.20	260.84	106.32	SI
1 Piso	P29	Top	B244-Wy+ G	-81.14	1.57	5620	4496	-28.75	-5.88	1.13	124.77	172.40	74.88	SI
1 Piso	P29	Bottom	B244-Wx+ G	-90.80	1.57	5620	4496	-9.60	8.09	0.26	177.20	260.84	106.32	SI
1 Piso	P29	Top	B244-Wy- G	-81.14	1.57	5620	4496	-28.75	-5.88	1.13	124.77	172.40	74.88	SI
1 Piso	P29	Bottom	B244-Wy- G	-90.80	1.57	5620	4496	-9.60	8.09	0.26	177.20	260.84	106.32	SI
1 Piso	P29	Top	B244-Wy+ G	-81.14	1.57	5620	4496	-28.75	-5.88	1.13	124.77	172.40	74.88	SI
1 Piso	P29	Bottom	B244-Wy+ G	-90.80	1.57	5620	4496	-9.60	8.09	0.26	177.20	260.84	106.32	SI
1 Piso	P30	Top	B241	-27.30	0.53	1890	1512	5.77	0.10	39.24	41.98	57.98	25.19	SI
1 Piso	P30	Bottom	B241	-23.87	0.53	1890	1512	-1.32	-3.40	0.26	58.09	88.02	34.05	SI
1 Piso	P30	Top	B242 Loub	-34.07	0.53	1890	1512	8.80	0.12	38.34	43.66	57.98	26.19	SI
1 Piso	P30	Bottom	B242 Loub	-28.11	0.53	1890	1512	-1.42	-4.87	0.20	58.73	87.85	35.84	SI
1 Piso	P30	Top	B243-Wx+ Loub	-24.99	0.53	1890	1512	5.14	0.09	40.02	41.39	57.98	24.83	SI
1 Piso	P30	Bottom	B243-Wx+ Loub	-21.60	0.53	1890	1512	-1.20	3.07	0.26	57.46	87.91	34.45	SI
1 Piso	P30	Top	B243-Wx- Loub	-24.99	0.53	1890	1512	5.14	-0.09	40.02	41.39	57.98	24.83	SI
1 Piso	P30	Bottom	B243-Wx- Loub	-21.60	0.53	1890	1512	-1.20	-3.07	0.26	57.46	87.91	34.45	SI
1 Piso	P30	Top	B243-Wy+ Loub	-24.99	0.53	1890	1512	5.14	-0.09	40.02	41.39	57.98	24.83	SI
1 Piso	P30	Bottom	B243-Wy+ Loub	-21.60	0.53	1890	1512	1.20	-3.07	0.26	57.46	87.91	34.45	SI
1 Piso	P30	Top	B243-Wy- Loub	-24.99	0.53	1890	1512	5.14	-0.09	40.02	41.39	57.98	24.83	SI
1 Piso	P30	Bottom	B243-Wy- Loub	-21.60	0.53	1890	1512	-1.20	-3.07	0.26	57.46	87.91	34.45	SI
1 Piso	P30	Top	B244-Wx+ Loub	-31.04	0.53	1890	1512	8.23	0.04	100.43	42.90	57.98	25.74	SI
1 Piso	P30	Bottom	B244-Wx+ Loub	-25.94	0.53	1890	1512	-1.35	-4.07	0.22	59.19	87.85	35.52	SI
1 Piso	P30	Top	B244-Wx- Loub	-31.04	0.53	1890	1512	8.23	0.04	100.43	42.90	57.98	25.74	SI
1 Piso	P30	Bottom	B244-Wx- Loub	-25.94	0.53	1890	1512	-1.35	-4.07	0.22	59.19	87.85	35.52	SI
1 Piso	P30	Top	B244-Wy+ Loub	-31.04	0.53	1890	1512	8.23	0.04	100.43	42.90	57.98	25.74	SI
1 Piso	P30	Bottom	B244-Wy+ Loub	-25.94	0.53	1890	1512	-1.35	-4.07	0.22	59.19	87.85	35.52	SI
1 Piso	P30	Top	B244-Wy- Loub	-31.04	0.53	1890	1512	8.23	0.04	100.43	42.90	57.98	25.74	SI
1 Piso	P30	Bottom	B244-Wy- Loub	-25.94	0.53	1890	1512	-1.35	-4.07	0.22	59.19	87.85	35.52	SI
1 Piso	P30	Top	B245 Ex+	-28.12	0.53	1890	1512	3.20	14.25	0.15	58.74	87.85	35.24	SI
1 Piso	P30	Bottom	B245-Ex+	-18.38	0.53	1890	1512	6.05	6.09	0.66	47.54	71.78	28.62	SI
1 Piso	P30	Top	B245-Ex-	-31.67	0.53	1890	1512	4.96	-14.17	0.42	58.52	81.49	33.78	SI
1 Piso	P30	Bottom	B245-Ex-	-31.78	0.53	1890	1512	-8.66	-16.00	0.41	56.57	81.85	33.94	SI
1 Piso	P30	Top	B245-Ey+	-33.21	0.53	1890	1512	5.58	0.99	3.76	43.44	57.98	28.07	SI
1 Piso	P30	Bottom	B245-Ey+	-30.93	0.53	1890	1512	-2.74	-9.36	0.54	53.48	78.75	32.09	SI
1 Piso	P30	Top	B245-Ey-	-28.47	0.53	1890	1512	0.67	-0.90	4.61	41.78	57.98	25.05	SI
1 Piso	P30	Bottom	B245-Ey-	-18.23	0.53	1890	1512	0.14	-4.53	0.02	57.51	87.85	34.51	SI
1 Piso	P30	Top	B246-Wx+	-18.39	0.53	1890	1512	3.81	-0.06	39.79	39.74	57.98	23.84	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	1890	1512	-0.88	-2.28	0.26	56.06	87.95	33.64	SI
1 Piso	P30	Top	B246 Wx-	-18.39	0.53	1890	1512	3.81	-0.06	39.79	39.74	57.98	23.84	SI
1 Piso	P30	Bottom	B246-Wx-	-15.95	0.53	1890	1512	-0.88	-2.28	0.26	56.06	87.95	33.64	SI
1 Piso	P30	Top	B246-Wy+	-18.39	0.53	1890	1512	3.81	-0.06	39.79	39.74	57.98	23.84	SI
1 Piso	P30	Bottom	B246-Wy+	-15.95	0.53	1890	1512	-0.88	-2.28	0.26	56.06	87.95	33.64	SI
1 Piso	P30	Top	B246-Wy-	-18.39	0.53	1890	1512	3.81	-0.06	39.79	39.74	57.98	23.84	SI
1 Piso	P30	Bottom	B246-Wy-	-15.95	0.53	1890	1512	-0.88	-2.28	0.26	56.06	87.95	33.64	SI
1 Piso	P30	Top	B247 Ex+	-15.83	0.53	1890	1512	0.83	14.15	0.06	56.65	87.85	34.00	SI
1 Piso	P30	Bottom	B247-Ex+	-8.88	0.53	1890	1512	6.62	7.86	0.55	47.62	76.24	28.57	SI
1 Piso	P30	Top	B247-Ex-	-18.28	0.53	1890	1512	6.98	-14.27	0.31	56.62	88.04	33.49	SI
1 Piso	P30	Bottom	B247-Ex-	-22.03	0.53	1890	1512	-8.23	12.23	0.44	53.35	80.45	32.01	SI
1 Piso	P30	Top	B247-Ey+	-20.93	0.53	1890	1512	9.22	0.68	2.41	40.37	57.98	24.22	SI
1 Piso	P30	Bottom	B247-Ey+	-21.00	0.53	1890	1512	-2.28	-1.65	0.94	41.82	80.42	26.00	SI
1 Piso	P30	Top	B247-Ey-	-14.18	0.53	1890	1512	4.20	-1.01	2.78	30.69	57.98	22.21	SI
1 Piso	P30	Bottom	B247-Ey-	-9.50	0.53	1890	1512	0.59	2.76	0.14	55.05	87.85	33.05	SI
1 Piso	P30	Top	B242 G	-34.75	0.53	1890	1512	8.80	0.12	39.05	43.82	57.98	26.29	SI
1 Piso	P30	Bottom	B242 G	-28.88	0.53	1890	1512	-1.45	-4.88	0.20	59.68	87.85	35.81	SI
1 Piso	P30	Top	B243-Wx- G	-27.18	0.53	1890	1512	5.41	-0.09	41.04	41.93	57.98	25.16	SI
1 Piso	P30	Bottom	B243-Wx- G	-23.18	0.53	1890	1512	-1.30	-3.28	0.26	57.77	87.78	34.66	SI
1 Piso	P30	Top	B243-Wy- G	27.18	0.53	1890	1512	5.47	0.09	41.04	41.93	57.98	25.16	SI
1 Piso	P30	Bottom	B243-Wy- G	23.18	0.53	1890	1512	-1.30	3.28	0.26	57.77	87.78	34.66	SI
1 Piso	P30	Top	B243-Wx+ G	-27.16	0.53	1890	1512	5.41	-0.09	41.04	41.93	57.98	25.16	SI
1 Piso	P30	Bottom	B243-Wx+ G	-23.16	0.53	1890	1512	-1.30	-3.28	0.26	57.77	87.78	34.66	SI
1 Piso	P30	Top	B243-Wy+ G	-27.16	0.53	1890	1512	5.41	-0.09	41.04	41.93	57.98	25.16	SI
1 Piso	P30	Bottom	B243-Wy+ G	-23.16	0.53	1890	1512	-1.30	-3.28	0.26	57.77	87.78	34.66	SI
1 Piso	P30	Top	B244-Wx- G	-31.72	0.53	1890	1512	8.31	0.04	103.54	43.07	57.98	25.84	SI
1 Piso	P30	Bottom	B244-Wx- G	-26.42	0.53	1890	1512	-1.39	-4.14	0.22	59.31	87.85	35.59	SI
1 Piso	P30	Top	B244-Wx+ G	-31.72	0.53	1890	1512	8.31	0.04	103.54	43.07	57.98	25.84	SI
1 Piso	P30	Bottom	B244-Wx+ G	-26.42	0.53	1890	1512	-1.39	-4.14	0.22	59.31	87.85	35.59	SI
1 Piso	P30	Top	B244-Wy- G	-31.72	0.53	1890	1512	8.31	0.04	103.54	43.07	57.98	25.84	SI
1 Piso	P30	Bottom	B244-Wy- G	-26.42	0.53	1890	1512	1.39	-4.14	0.22	59.31	87.85	35.59	SI

STORY	MURO	LOC.	COMB	Pe (ton)	Amv (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua(Vu*d)	Vm (ton)	Vn max (ton)	ØVn (ton)	Cumple
1 Piso	P30	Top	0244 Wy+ G	-31.72	0.53	1890	1512	6.31	0.04	100.54	43.07	57.98	35.84	SI
1 Piso	P30	Bottom	8244-Wy+ G	-28.42	0.53	1890	1512	-1.39	4.14	0.27	58.31	87.86	35.59	SI
1 Piso	P31	Top	B241	-31.87	0.50	1880	1512	5.24	1.37	2.53	43.08	57.88	25.89	SI
1 Piso	P31	Bottom	B241	-28.43	0.53	1890	1512	1.47	-1.85	0.53	53.08	77.15	31.85	SI
1 Piso	P31	Top	B242 Loub	-36.05	0.53	1890	1512	13.57	3.23	2.78	44.85	57.98	25.79	SI
1 Piso	P31	Bottom	B242 Loub	-35.38	0.53	1890	1512	1.00	-5.92	0.19	87.55	87.85	36.93	SI
1 Piso	P31	Top	B243-Wx+ Loub	-29.79	0.53	1890	1512	4.90	0.83	3.92	42.59	57.98	25.55	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-28.32	0.53	1890	1512	1.44	-1.81	0.59	51.07	74.53	30.64	SI
1 Piso	P31	Top	B243-Wx- Loub	-29.79	0.53	1890	1512	4.90	0.83	3.92	42.59	57.98	25.55	SI
1 Piso	P31	Bottom	B243-Wx- Loub	-28.32	0.53	1890	1512	1.44	-1.81	0.59	51.07	74.53	30.64	SI
1 Piso	P31	Top	B243-Wy+ Loub	-29.79	0.53	1890	1512	4.90	0.83	3.92	42.59	57.98	25.55	SI
1 Piso	P31	Bottom	B243-Wy+ Loub	-28.32	0.53	1890	1512	1.44	-1.81	0.59	51.07	74.53	30.64	SI
1 Piso	P31	Top	B243-Wy- Loub	-29.79	0.53	1890	1512	4.90	0.83	3.92	42.59	57.98	25.55	SI
1 Piso	P31	Bottom	B243-Wy- Loub	-28.32	0.53	1890	1512	1.44	-1.81	0.59	51.07	74.53	30.64	SI
1 Piso	P31	Top	B244 Wx+ Loub	-35.58	0.53	1890	1512	10.41	2.24	3.07	44.03	57.98	26.42	SI
1 Piso	P31	Bottom	B244 Wx+ Loub	-32.43	0.53	1890	1512	1.62	-4.31	0.25	60.82	87.85	36.49	SI
1 Piso	P31	Top	B244-Wx- Loub	-35.58	0.53	1890	1512	10.41	2.24	3.07	44.03	57.98	26.42	SI
1 Piso	P31	Bottom	B244-Wx- Loub	-32.43	0.53	1890	1512	1.62	4.31	0.25	60.82	87.85	36.49	SI
1 Piso	P31	Top	B244-Wy+ Loub	-35.58	0.53	1890	1512	10.41	2.24	3.07	44.03	57.98	26.42	SI
1 Piso	P31	Bottom	B244-Wy+ Loub	-32.43	0.53	1890	1512	1.62	-4.31	0.25	60.82	87.85	36.49	SI
1 Piso	P31	Top	B244-Wy- Loub	-35.58	0.53	1890	1512	10.41	2.24	3.07	44.03	57.98	26.42	SI
1 Piso	P31	Bottom	B244-Wy- Loub	-32.43	0.53	1890	1512	1.62	-4.31	0.25	60.82	87.85	36.49	SI
1 Piso	P31	Top	B245-Ex+	-37.80	0.53	1890	1512	4.46	17.54	0.17	62.16	87.85	37.01	SI
1 Piso	P31	Bottom	B245 Ex+	-34.26	0.53	1890	1512	8.27	8.30	0.87	47.72	65.30	28.83	SI
1 Piso	P31	Top	B245-Ex-	-29.26	0.53	1890	1512	15.75	-12.82	0.83	46.29	64.77	27.78	SI
1 Piso	P31	Bottom	B245-Ex-	-23.63	0.53	1890	1512	-5.30	-14.80	0.24	58.62	87.85	35.17	SI
1 Piso	P31	Top	B245-Ey+	-32.53	0.53	1890	1512	9.45	3.50	1.79	43.27	57.98	25.96	SI
1 Piso	P31	Bottom	B245-Ey+	-28.75	0.53	1890	1512	-0.07	-3.43	0.01	58.25	87.85	35.55	SI
1 Piso	P31	Top	B245 Ey-	-34.84	0.53	1890	1512	10.15	1.51	4.70	43.00	57.98	26.26	SI
1 Piso	P31	Bottom	B245-Ey-	-35.78	0.53	1890	1512	3.08	-5.16	0.39	58.01	82.63	34.81	SI
1 Piso	P31	Top	B246-Wx+	21.75	0.53	1890	1512	3.58	0.70	3.40	40.58	57.98	24.35	SI
1 Piso	P31	Bottom	B246-Wx+	-19.30	0.53	1890	1512	1.04	-1.20	0.57	49.76	75.30	29.86	SI
1 Piso	P31	Top	B246-Wx-	-21.75	0.53	1890	1512	3.58	0.70	3.40	40.58	57.98	24.35	SI
1 Piso	P31	Bottom	B246-Wx-	-19.30	0.53	1890	1512	1.04	-1.20	0.57	49.76	75.30	29.86	SI
1 Piso	P31	Top	B246-Wy+	21.75	0.53	1890	1512	3.58	0.70	3.40	40.58	57.98	24.35	SI
1 Piso	P31	Bottom	B246-Wy+	-19.30	0.53	1890	1512	1.04	-1.20	0.57	49.76	75.30	29.86	SI
1 Piso	P31	Top	B247-Ex+	-24.69	0.53	1890	1512	-2.28	15.94	0.09	58.88	87.85	35.33	SI
1 Piso	P31	Bottom	B247-Ex+	-25.60	0.53	1890	1512	7.73	9.40	0.54	51.96	76.41	31.17	SI
1 Piso	P31	Top	B247-Ex-	-18.04	0.53	1890	1512	9.01	-14.75	0.47	52.57	81.36	31.42	SI
1 Piso	P31	Bottom	B247-Ex-	-10.95	0.53	1890	1512	-5.84	-15.17	0.33	53.22	86.13	31.03	SI
1 Piso	P31	Top	B247-Ey+	-19.84	0.53	1890	1512	2.71	1.67	0.80	40.94	59.70	24.56	SI
1 Piso	P31	Bottom	B247-Ey+	-13.47	0.53	1890	1512	-0.62	-0.30	1.23	38.51	57.98	23.10	SI
1 Piso	P31	Top	B247-Ey-	-21.42	0.53	1890	1512	4.02	-0.11	29.29	40.49	57.98	24.30	SI
1 Piso	P31	Bottom	B247-Ey-	-23.08	0.53	1890	1512	2.50	-2.06	0.81	45.02	65.78	27.15	SI
1 Piso	P31	Top	B242 G	-39.18	0.53	1890	1512	13.74	3.06	2.95	44.83	57.98	26.96	SI
1 Piso	P31	Bottom	B242 G	-36.18	0.53	1890	1512	1.74	-5.80	0.19	81.76	87.85	37.05	SI
1 Piso	P31	Top	B243-Wx- G	-30.41	0.53	1890	1512	5.45	0.35	10.31	43.49	57.98	26.09	SI
1 Piso	P31	Bottom	B243-Wx- G	-28.98	0.53	1890	1512	1.69	-1.85	0.68	49.81	71.11	29.88	SI
1 Piso	P31	Top	B243-Wy- G	-30.41	0.53	1890	1512	5.45	0.35	10.31	43.48	57.98	26.09	SI
1 Piso	P31	Bottom	B243-Wy- G	-28.98	0.53	1890	1512	1.69	1.85	0.68	49.81	71.11	29.88	SI
1 Piso	P31	Top	B243-Wx+ G	-30.41	0.53	1890	1512	5.45	0.35	10.31	43.49	57.98	26.09	SI
1 Piso	P31	Bottom	B243-Wx+ G	-28.98	0.53	1890	1512	1.69	-1.85	0.68	49.81	71.11	29.88	SI
1 Piso	P31	Top	B243-Wy+ G	-30.41	0.53	1890	1512	5.45	0.35	10.31	43.49	57.98	26.09	SI
1 Piso	P31	Bottom	B243-Wy+ G	-28.98	0.53	1890	1512	1.69	-1.85	0.68	49.81	71.11	29.88	SI
1 Piso	P31	Top	B244-Wx+ G	-36.71	0.53	1890	1512	10.59	2.10	3.34	44.32	57.98	26.59	SI
1 Piso	P31	Bottom	B244-Wx+ G	-33.26	0.53	1890	1512	1.70	-4.32	0.26	60.37	87.85	36.22	SI
1 Piso	P31	Top	B244-Wx- G	-36.71	0.53	1890	1512	10.59	2.10	3.34	44.32	57.98	26.59	SI
1 Piso	P31	Bottom	B244-Wx- G	-33.26	0.53	1890	1512	1.70	-4.32	0.26	60.37	87.90	36.22	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	1890	1512	10.59	2.10	3.34	44.32	57.98	26.59	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	1890	1512	1.70	-4.32	0.26	60.37	87.90	36.22	SI
1 Piso	P31	Top	B244-Wy- G	-36.71	0.53	1890	1512	10.59	2.10	3.34	44.32	57.98	26.59	SI
1 Piso	P31	Bottom	B244-Wy- G	-33.26	0.53	1890	1512	1.70	-4.32	0.26	60.37	87.90	36.22	SI
1 Piso	P33	Top	B241	-32.84	0.43	1540	1232	-4.99	-0.66	4.70	36.84	47.24	22.10	SI
1 Piso	P33	Bottom	B241	-23.72	0.43	1540	1232	-0.75	1.01	0.01	41.37	60.17	25.12	SI
1 Piso	P33	Top	B242 Loub	-36.04	0.43	1540	1232	-6.08	-1.73	2.65	37.89	47.24	22.56	SI
1 Piso	P33	Bottom	B242 Loub	-26.05	0.43	1540	1232	-0.74	1.62	0.90	48.10	70.22	29.88	SI
1 Piso	P33	Top	B243-Wx+ Loub	-30.85	0.43	1540	1232	-3.98	-0.74	4.39	36.34	47.24	21.81	SI
1 Piso	P33	Bottom	B243-Wx+ Loub	-21.96	0.43	1540	1232	-0.77	0.70	0.99	38.18	50.69	21.71	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aumv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vno (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P33	Top	B243-Wx- Loub	-30.95	0.43	1540	1232	3.98	-0.74	4.39	38.34	47.24	21.81	SI
1 Piso	P33	Bottom	B243-Wx- Loub	-21.96	0.43	1540	1232	-0.77	0.70	0.89	26.18	50.88	21.71	SI
1 Piso	P33	Top	B243-Wy+ Loub	-30.65	0.43	1540	1232	-3.98	-0.74	4.39	38.34	47.24	21.81	SI
1 Piso	P33	Bottom	B243-Wy+ Loub	-21.96	0.43	1540	1232	-0.77	0.70	0.89	26.18	50.88	21.71	SI
1 Piso	P33	Top	B243-Wy- Loub	-30.65	0.43	1540	1232	-3.98	-0.74	4.39	38.34	47.24	21.81	SI
1 Piso	P33	Bottom	B243-Wy- Loub	-21.96	0.43	1540	1232	0.77	0.70	0.80	26.18	50.88	21.71	SI
1 Piso	P33	Top	B244-Wx+ Loub	-34.81	0.43	1540	1232	-5.22	1.36	3.12	37.28	47.24	22.37	SI
1 Piso	P33	Bottom	B244-Wx+ Loub	-24.90	0.43	1540	1232	-0.77	1.42	0.44	46.35	65.81	27.21	SI
1 Piso	P33	Top	B244-Wx- Loub	-34.81	0.43	1540	1232	-5.22	-1.36	3.12	37.28	47.24	22.37	SI
1 Piso	P33	Bottom	B244-Wx- Loub	-24.90	0.43	1540	1232	-0.77	1.42	0.44	46.35	65.81	27.21	SI
1 Piso	P33	Top	B244-Wy+ Loub	-34.81	0.43	1540	1232	-5.22	-1.36	3.12	37.28	47.24	22.37	SI
1 Piso	P33	Bottom	B244-Wy+ Loub	-24.90	0.43	1540	1232	-0.77	1.42	0.44	46.35	65.81	27.21	SI
1 Piso	P33	Top	B244-Wy- Loub	-34.81	0.43	1540	1232	-5.22	-1.36	3.12	37.28	47.24	22.37	SI
1 Piso	P33	Bottom	B244-Wy- Loub	-24.90	0.43	1540	1232	-0.77	1.42	0.44	46.35	65.81	27.21	SI
1 Piso	P33	Top	B245-Ex+	-31.08	0.43	1540	1232	-7.02	4.74	1.20	38.40	47.24	21.64	SI
1 Piso	P33	Bottom	B245-Ex+	-19.42	0.43	1540	1232	1.92	8.19	0.25	47.41	71.66	28.45	SI
1 Piso	P33	Top	B245-Ex-	-34.06	0.43	1540	1232	-3.97	-7.48	0.42	47.92	68.01	29.75	SI
1 Piso	P33	Bottom	B245 Ex-	-27.92	0.43	1540	1232	-0.26	3.10	0.85	38.34	52.07	23.01	SI
1 Piso	P33	Top	B245-Ey+	-34.10	0.43	1540	1232	-5.55	-0.18	24.7	37.16	47.24	22.29	SI
1 Piso	P33	Bottom	B245-Ey+	-28.00	0.43	1540	1232	-1.46	2.16	0.55	44.14	62.04	26.49	SI
1 Piso	P33	Top	B245-Ey-	-31.04	0.43	1540	1232	-5.34	-2.54	1.71	36.39	47.24	21.83	SI
1 Piso	P33	Bottom	B245-Ey-	-18.74	0.43	1540	1232	0.12	0.93	0.11	47.83	71.56	28.50	SI
1 Piso	P33	Top	B246-Wx+	-22.53	0.43	1540	1232	-3.05	-0.55	4.49	34.26	47.24	20.56	SI
1 Piso	P33	Bottom	B246 Wx+	-16.10	0.43	1540	1232	-0.55	0.56	0.79	36.51	54.06	21.91	SI
1 Piso	P33	Top	B246-Wx-	-22.53	0.43	1540	1232	-3.06	-0.55	4.49	34.26	47.24	20.56	SI
1 Piso	P33	Bottom	B246-Wx-	-16.10	0.43	1540	1232	-0.55	0.56	0.79	36.51	54.06	21.91	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	1540	1232	-3.05	-0.55	4.49	34.26	47.24	20.56	SI
1 Piso	P33	Bottom	B246-Wy+	-16.10	0.43	1540	1232	-0.55	0.56	0.79	36.51	54.06	21.91	SI
1 Piso	P33	Top	B246-Wy-	-22.53	0.43	1540	1232	-3.05	-0.55	4.49	34.26	47.24	20.56	SI
1 Piso	P33	Bottom	B246-Wy-	-16.10	0.43	1540	1232	-0.55	0.56	0.79	36.51	54.06	21.91	SI
1 Piso	P33	Top	B247-Ex+	-19.62	0.43	1540	1232	-4.79	5.54	0.70	38.10	57.06	23.48	SI
1 Piso	P33	Bottom	B247-Ex+	-11.00	0.43	1540	1232	2.10	5.29	0.32	43.95	65.94	26.39	SI
1 Piso	P33	Top	B247-Ex-	-20.80	0.43	1540	1232	-1.63	-6.85	0.20	48.60	71.58	28.16	SI
1 Piso	P33	Bottom	B247 Ex-	-19.50	0.43	1540	1232	-5.07	-6.00	0.82	40.50	59.67	24.30	SI
1 Piso	P33	Top	B247-Ey+	-22.64	0.43	1540	1232	-0.12	0.62	4.32	34.29	47.24	20.59	SI
1 Piso	P33	Bottom	B247-Ey+	-20.18	0.43	1540	1232	-1.26	1.26	0.82	36.87	53.08	22.13	SI
1 Piso	P33	Top	B247-Ey-	-19.58	0.43	1540	1232	-3.10	-1.73	1.45	33.53	47.24	20.12	SI
1 Piso	P33	Bottom	B247-Ey-	-20.32	0.43	1540	1232	0.39	0.04	8.77	31.21	47.24	18.73	SI
1 Piso	P33	Top	B242 G	-37.00	0.43	1540	1232	-5.95	-1.73	2.70	37.68	47.24	22.73	SI
1 Piso	P33	Bottom	B242 G	-26.75	0.43	1540	1232	-0.77	1.85	0.34	47.88	68.07	28.59	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	1540	1232	-3.58	-0.79	3.98	37.27	47.24	22.36	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	1540	1232	-0.94	0.49	1.56	34.68	47.24	20.81	SI
1 Piso	P33	Top	B243-Wy- G	-34.54	0.43	1540	1232	-3.58	-0.79	3.98	37.27	47.24	22.36	SI
1 Piso	P33	Bottom	B243-Wy- G	-24.18	0.43	1540	1232	-0.94	0.49	1.56	34.68	47.24	20.81	SI
1 Piso	P33	Top	B243-Wx+ G	-34.54	0.43	1540	1232	3.58	-0.79	3.98	37.27	47.24	22.36	SI
1 Piso	P33	Bottom	B243-Wx+ G	-24.18	0.43	1540	1232	-0.94	0.49	1.56	34.68	47.24	20.81	SI
1 Piso	P33	Top	B243 Wy+ G	-34.54	0.43	1540	1232	-3.58	-0.79	3.98	37.27	47.24	22.36	SI
1 Piso	P33	Bottom	B243-Wy+ G	-24.18	0.43	1540	1232	-0.94	0.49	1.56	34.68	47.24	20.81	SI
1 Piso	P33	Top	B244-Wx- G	-35.78	0.43	1540	1232	-5.09	-1.36	3.05	37.57	47.24	22.54	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	1540	1232	-0.82	1.36	0.49	44.52	64.02	26.71	SI
1 Piso	P33	Top	B244-Wx+ G	-35.78	0.43	1540	1232	-5.09	1.36	3.05	37.57	47.24	22.54	SI
1 Piso	P33	Bottom	B244-Wx+ G	-25.60	0.43	1540	1232	-0.82	1.36	0.49	44.52	64.02	26.71	SI
1 Piso	P33	Top	B244-Wy- G	-35.78	0.43	1540	1232	-5.09	-1.36	3.05	37.57	47.24	22.54	SI
1 Piso	P33	Bottom	B244-Wy- G	-25.60	0.43	1540	1232	-0.82	1.36	0.49	44.52	64.02	26.71	SI
1 Piso	P33	Top	B244-Wy+ G	-35.78	0.43	1540	1232	-5.09	-1.36	3.05	37.57	47.24	22.54	SI
1 Piso	P33	Bottom	B244-Wy+ G	-25.60	0.43	1540	1232	-0.82	1.36	0.49	44.52	64.02	26.71	SI
1 Piso	P34	Top	B241	-75.06	2.31	8240	8592	-30.03	-1.41	3.94	171.96	252.77	100.18	SI
1 Piso	P34	Bottom	B241	-84.87	2.31	8240	8592	-7.84	2.87	0.42	232.18	364.98	138.91	SI
1 Piso	P34	Top	B242 Loub	-86.04	2.31	8240	8592	-49.13	-2.10	3.12	175.36	252.77	105.21	Si
1 Piso	P34	Bottom	B242 Loub	-94.52	2.31	8240	8592	-9.21	3.80	0.39	257.61	390.67	142.69	SI
1 Piso	P34	Top	B243-Wx+ Loub	-70.07	2.31	8240	8592	-30.63	-1.31	3.56	170.71	252.77	102.43	SI
1 Piso	P34	Bottom	B243-Wx+ Loub	-77.70	2.31	8240	8592	-5.00	2.33	0.33	239.56	371.21	143.74	SI
1 Piso	P34	Top	B243 Wx- Loub	-70.07	2.31	8240	8592	-30.63	-1.31	3.56	170.71	252.77	102.43	SI
1 Piso	P34	Bottom	B243 Wx- Loub	-77.70	2.31	8240	8592	-5.00	2.33	0.33	238.56	371.21	143.74	SI
1 Piso	P34	Top	B243-Wy+ Loub	-70.07	2.31	8240	8592	-30.63	-1.31	3.56	170.71	252.77	102.43	SI
1 Piso	P34	Bottom	B243-Wy+ Loub	-77.70	2.31	8240	8592	-5.03	2.33	0.33	239.56	371.21	143.74	SI
1 Piso	P34	Top	B243-Wy- Loub	-70.07	2.31	8240	8592	-30.63	-1.31	3.56	170.71	252.77	102.43	SI
1 Piso	P34	Bottom	B243-Wy- Loub	-77.70	2.31	8240	8592	-5.03	2.33	0.33	239.56	371.21	143.74	SI
1 Piso	P34	Top	B244-Wx+ Loub	-83.04	2.31	8240	8592	-38.27	-1.63	3.18	173.86	252.77	104.37	SI
1 Piso	P34	Bottom	B244-Wx+ Loub	-99.39	2.31	8240	8592	-7.22	3.09	0.35	238.89	368.60	142.83	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amu (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vne (ton)	Vn max (ton)	ØVn (ton)	Cumple
1 Piso	P34	Top	8244-Wx- Loub	-83.04	2.31	8240	8592	-38.27	-1.83	3.18	173.96	252.77	104.37	SI
1 Piso	P34	Bottom	B244-Wx- Loub	-89.39	2.31	8240	8592	-7.22	3.09	0.35	239.66	368.60	143.93	SI
1 Piso	P34	Top	B244-Wy+ Loub	-83.04	2.31	8240	8592	-38.27	-1.83	3.18	173.96	252.77	104.37	SI
1 Piso	P34	Bottom	B244-Wy+ Loub	-89.39	2.31	8240	8592	-7.22	3.09	0.35	239.66	368.60	143.93	SI
1 Piso	P34	Top	B244-Wy- Loub	-83.04	2.31	8240	8592	-38.27	-1.83	3.18	173.96	252.77	104.37	SI
1 Piso	P34	Bottom	B244-Wy- Loub	-89.39	2.31	8240	8592	-7.22	3.09	0.35	239.66	368.60	143.93	SI
1 Piso	P34	Top	B245-Ex+	-77.40	2.31	8240	8592	-32.56	45.47	0.11	249.15	382.99	149.49	SI
1 Piso	P34	Bottom	B245-Ex+	-80.91	2.31	8240	8592	72.78	44.29	0.25	252.12	382.99	151.27	SI
1 Piso	P34	Top	B245-Ex-	-78.87	2.31	8240	8592	-46.14	-48.97	0.14	248.78	382.99	149.87	SI
1 Piso	P34	Bottom	B245-Ex-	-81.97	2.31	8240	8592	-86.88	-37.90	0.36	237.44	366.56	142.48	SI
1 Piso	P34	Top	B245-Ey+	-78.68	2.31	8240	8592	-39.30	1.79	3.33	172.37	252.77	103.42	SI
1 Piso	P34	Bottom	B245-Ey+	-79.09	2.31	8240	8592	-41.91	3.20	0.54	218.62	324.98	131.29	SI
1 Piso	P34	Top	B245-Ey-	-80.72	2.31	8240	8592	-38.58	-1.71	3.40	173.87	252.77	104.62	SI
1 Piso	P34	Bottom	B245-Ey-	-93.26	2.31	8240	8592	-5.62	3.19	0.28	248.56	380.24	149.13	SI
1 Piso	P34	Top	B246-Wx+	-51.27	2.31	8240	8592	-23.14	0.96	3.88	168.01	252.77	99.61	SI
1 Piso	P34	Bottom	B246-Wx+	-57.17	2.31	8240	8592	-4.17	1.77	0.38	231.58	366.17	138.95	SI
1 Piso	P34	Top	B246-Wx-	-51.27	2.31	8240	8592	-23.14	-0.96	3.88	168.01	252.77	99.61	SI
1 Piso	P34	Bottom	B246-Wx-	-57.17	2.31	8240	8592	-4.17	1.77	0.38	231.58	366.17	138.95	SI
1 Piso	P34	Top	B246-Wy+	-51.27	2.31	8240	8592	-23.14	-0.96	3.88	168.01	252.77	99.61	SI
1 Piso	P34	Bottom	B246-Wy+	-57.17	2.31	8240	8592	-4.17	1.77	0.38	231.58	366.17	138.95	SI
1 Piso	P34	Top	B246-Wy-	-51.27	2.31	8240	8592	-23.14	-0.96	3.88	168.01	252.77	99.61	SI
1 Piso	P34	Bottom	B246-Wy-	-57.17	2.31	8240	8592	-4.17	1.77	0.38	231.58	366.17	138.95	SI
1 Piso	P34	Top	B247-Ex+	-46.98	2.31	8240	8592	-17.25	48.31	0.08	241.54	382.00	144.92	SI
1 Piso	P34	Bottom	B247-Ex+	-58.25	2.31	8240	8592	76.22	42.94	0.27	240.52	381.51	144.31	SI
1 Piso	P34	Top	B247 Ex-	-49.52	2.31	8240	8592	-20.85	-48.13	0.09	242.17	382.00	145.30	SI
1 Piso	P34	Bottom	B247-Ex-	-50.85	2.31	8240	8592	-86.43	-39.25	0.33	232.23	370.10	139.34	SI
1 Piso	P34	Top	B247-Ey+	-48.24	2.31	8240	8592	-24.00	-0.94	3.89	164.76	252.77	98.86	SI
1 Piso	P34	Bottom	B247-Ey+	-48.85	2.31	8240	8592	-7.85	1.85	0.65	200.77	315.29	120.16	SI
1 Piso	P34	Top	B247-Ey-	-50.27	2.31	8240	8592	-23.09	-0.97	4.03	165.78	252.77	99.46	SI
1 Piso	P34	Bottom	B247-Ey-	-62.17	2.31	8240	8592	-2.36	1.86	0.19	245.34	382.99	147.20	SI
1 Piso	P34	Top	B242 G	-81.90	2.31	8240	8592	-42.81	-2.14	3.03	175.97	252.77	105.58	SI
1 Piso	P34	Bottom	B242 G	-86.64	2.31	8240	8592	-8.65	3.65	0.36	240.97	368.32	144.58	SI
1 Piso	P34	Top	B243-Wx- G	-77.92	2.31	8240	8592	-29.59	-1.44	3.12	172.86	252.77	103.61	SI
1 Piso	P34	Bottom	B243-Wx- G	-84.48	2.31	8240	8592	-7.59	2.14	0.18	250.81	382.00	150.55	SI
1 Piso	P34	Top	B243 Wy- G	-77.92	2.31	8240	8592	-29.59	-1.44	3.11	172.08	252.77	103.61	SI
1 Piso	P34	Bottom	B243 Wy- G	-84.48	2.31	8240	8592	-2.59	2.14	0.15	250.81	382.00	150.55	SI
1 Piso	P34	Top	B243-Wx+ G	-77.92	2.31	8240	8592	-29.59	-1.44	3.11	172.60	252.77	103.61	SI
1 Piso	P34	Bottom	B243-Wx+ G	-84.48	2.31	8240	8592	-2.58	2.14	0.13	250.91	382.99	150.55	SI
1 Piso	P34	Top	B243-Wy+ G	-77.92	2.31	8240	8592	-29.58	-1.44	3.11	172.60	252.77	103.61	SI
1 Piso	P34	Bottom	B243-Wy+ G	-84.48	2.31	8240	8592	-2.58	2.14	0.16	250.91	382.99	150.55	SI
1 Piso	P34	Top	B244 Wx- G	-85.49	2.31	8240	8592	-37.94	-1.87	3.05	174.57	252.77	104.74	SI
1 Piso	P34	Bottom	B244-Wx- G	-91.51	2.31	8240	8592	-8.45	3.04	0.32	243.54	372.14	148.13	SI
1 Piso	P34	Top	B244-Wx+ G	-85.49	2.31	8240	8592	-37.94	-1.87	3.08	174.57	252.77	104.74	SI
1 Piso	P34	Bottom	B244-Wx+ G	-91.51	2.31	8240	8592	-8.45	3.04	0.32	243.54	372.14	148.13	SI
1 Piso	P34	Top	B244-Wy- G	-85.49	2.31	8240	8592	-37.94	-1.87	3.08	174.57	252.77	104.74	SI
1 Piso	P34	Bottom	B244-Wy- G	-91.51	2.31	8240	8592	-8.45	3.04	0.32	243.54	372.14	148.13	SI
1 Piso	P34	Top	B244 Wy+ G	-85.49	2.31	8240	8592	-37.94	-1.87	3.08	174.57	252.77	104.74	SI
1 Piso	P34	Bottom	B244-Wy+ G	-91.51	2.31	8240	8592	8.45	3.04	0.32	243.54	372.14	148.13	SI
1 Piso	P37	Top	B241	-27.13	0.46	1640	1312	7.78	3.19	1.99	37.27	50.31	22.36	SI
1 Piso	P37	Bottom	B241	28.55	0.46	1640	1312	0.68	2.74	0.16	53.12	76.23	31.87	SI
1 Piso	P37	Top	B242 Loub	-30.17	0.46	1640	1312	9.40	5.38	1.39	38.03	50.31	22.82	SI
1 Piso	P37	Bottom	B242 Loub	-31.80	0.46	1640	1312	-1.08	-4.84	0.17	54.19	76.23	32.51	SI
1 Piso	P37	Top	B243-Wx- Loub	-25.49	0.46	1640	1312	8.88	2.80	3.61	36.86	50.31	22.12	SI
1 Piso	P37	Bottom	B243-Wx- Loub	-27.27	0.46	1640	1312	-0.41	-2.16	0.16	52.55	76.23	31.53	SI
1 Piso	P37	Top	B243-Wx- Loub	-25.49	0.46	1640	1312	8.88	2.80	3.61	36.86	50.31	22.12	SI
1 Piso	P37	Bottom	B243-Wx- Loub	-27.27	0.46	1640	1312	-0.41	2.16	0.15	52.55	76.23	31.53	SI
1 Piso	P37	Top	B243-Wy+ Loub	-25.49	0.46	1640	1312	8.88	2.80	1.81	36.86	50.31	22.12	SI
1 Piso	P37	Bottom	B243-Wy+ Loub	-27.27	0.46	1640	1312	-0.41	-2.16	0.15	52.55	76.23	31.53	SI
1 Piso	P37	Top	B243-Wy- Loub	-25.49	0.46	1640	1312	8.88	2.80	1.81	36.86	50.31	22.12	SI
1 Piso	P37	Bottom	B243-Wy- Loub	-27.27	0.46	1640	1312	-0.41	2.16	0.15	52.55	76.23	31.53	SI
1 Piso	P37	Top	B244-Wx+ Loub	-28.94	0.46	1640	1312	8.37	4.29	1.49	37.73	50.31	22.64	SI
1 Piso	P37	Bottom	B244-Wx+ Loub	-31.81	0.46	1640	1312	-0.61	-3.77	0.16	53.89	76.23	32.21	SI
1 Piso	P37	Top	B244-Wx- Loub	-28.94	0.46	1640	1312	8.37	4.29	1.46	37.73	50.31	22.64	SI
1 Piso	P37	Bottom	B244-Wx- Loub	-31.81	0.46	1640	1312	-0.61	-3.77	0.16	53.05	76.23	32.21	SI
1 Piso	P37	Top	B244-Wy+ Loub	-28.94	0.46	1640	1312	8.37	4.29	1.49	37.73	50.31	22.64	SI
1 Piso	P37	Bottom	B244-Wy+ Loub	-31.81	0.46	1640	1312	0.61	3.77	0.18	53.89	76.23	32.21	SI
1 Piso	P37	Top	B244-Wy- Loub	-28.94	0.46	1640	1312	8.37	4.29	1.49	37.73	50.31	22.64	SI
1 Piso	P37	Bottom	B244-Wy- Loub	-31.81	0.46	1640	1312	-0.61	-3.77	0.16	53.89	76.23	32.21	SI
1 Piso	P37	Top	B245-Ex+	-30.96	0.46	1640	1312	8.53	7.63	0.55	45.09	62.49	27.06	SI
1 Piso	P37	Bottom	B245-Ex+	-29.62	0.46	1640	1312	5.04	0.59	6.46	37.99	50.31	22.74	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aemv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P37	Top	B245-Ex-	-23.65	0.46	1640	1312	10.22	0.85	9.16	35.40	50.31	21.84	SI
1 Piso	P37	Bottom	B245-Ex-	-31.07	0.46	1640	1312	-8.79	-8.47	0.67	45.90	63.82	27.54	SI
1 Piso	P37	Top	B245-Ey+	28.66	0.46	1640	1312	6.63	3.38	1.93	37.65	50.31	22.59	SI
1 Piso	P37	Bottom	B245-Ey+	-36.87	0.46	1640	1312	0.01	4.87	0.00	54.70	76.23	32.82	SI
1 Piso	P37	Top	B245-Ey-	-25.88	0.46	1640	1312	6.22	5.11	1.23	38.98	50.31	22.17	SI
1 Piso	P37	Bottom	B245-Ey-	-24.82	0.46	1640	1312	-1.78	-3.16	0.42	48.27	70.09	28.82	SI
1 Piso	P37	Top	B246-Wx+	-18.82	0.46	1640	1312	5.00	2.09	1.83	35.16	50.31	21.09	SI
1 Piso	P37	Bottom	B246-Wx+	-20.02	0.46	1640	1312	-0.33	-1.66	0.15	50.74	78.23	30.44	SI
1 Piso	P37	Top	B246-Wx-	-18.82	0.46	1640	1312	5.00	2.09	1.83	35.74	50.31	21.09	SI
1 Piso	P37	Bottom	B246-Wx-	-20.02	0.46	1640	1312	-0.33	-1.66	0.15	50.74	78.23	30.44	SI
1 Piso	P37	Top	B246-Wy+	-18.82	0.46	1640	1312	5.00	2.09	1.83	35.16	50.31	21.09	SI
1 Piso	P37	Bottom	B246-Wy+	-20.02	0.46	1640	1312	-0.33	-1.66	0.15	50.74	78.23	30.44	SI
1 Piso	P37	Top	B246-Wy-	-18.82	0.46	1640	1312	5.00	2.09	1.83	35.16	50.31	21.09	SI
1 Piso	P37	Bottom	B246-Wy-	-20.02	0.46	1640	1312	-0.33	-1.66	0.15	50.74	78.23	30.44	SI
1 Piso	P37	Top	B247-Ex+	-21.05	0.46	1640	1312	3.16	5.44	0.44	46.90	69.85	28.09	SI
1 Piso	P37	Bottom	B247-Ex+	-18.27	0.46	1640	1312	5.54	2.75	1.54	35.05	50.31	21.04	SI
1 Piso	P37	Top	B247-Ex-	-13.94	0.46	1640	1312	6.84	-1.04	3.90	33.85	50.31	20.37	SI
1 Piso	P37	Bottom	B247-Ex-	-19.73	0.46	1640	1312	-6.29	-8.27	0.77	40.07	58.53	24.04	SI
1 Piso	P37	Top	B247-Ey+	-18.84	0.46	1640	1312	5.15	1.17	3.34	35.20	50.31	21.12	SI
1 Piso	P37	Bottom	B247-Ey+	24.52	0.46	1640	1312	0.48	-2.51	0.15	51.87	78.23	31.12	SI
1 Piso	P37	Top	B247-Ey-	-16.04	0.46	1640	1312	4.85	2.93	1.25	34.50	50.31	20.70	SI
1 Piso	P37	Bottom	B247-Ey-	-13.46	0.46	1640	1312	-1.24	-1.00	0.84	35.02	52.37	21.01	SI
1 Piso	P37	Top	B242 G	-31.12	0.46	1640	1312	9.40	5.19	1.38	36.27	50.31	22.86	SI
1 Piso	P37	Bottom	B242 G	-34.83	0.46	1640	1312	-1.04	-4.73	0.17	54.39	76.23	32.04	SI
1 Piso	P37	Top	B243-Wx- G	-28.53	0.46	1640	1312	8.86	2.90	1.75	37.62	50.31	22.57	SI
1 Piso	P37	Bottom	B243-Wx- G	-29.83	0.46	1640	1312	0.29	-1.91	0.11	53.22	76.23	31.93	SI
1 Piso	P37	Top	B243-Wy- G	-28.53	0.46	1640	1312	8.86	2.90	1.75	37.62	50.31	22.57	SI
1 Piso	P37	Bottom	B243-Wy- G	-29.83	0.46	1640	1312	-0.29	-1.91	0.11	53.22	76.23	31.93	SI
1 Piso	P37	Top	B243-Wx+ G	-28.53	0.46	1640	1312	8.86	2.90	1.75	37.62	50.31	22.57	SI
1 Piso	P37	Bottom	B243-Wx+ G	-29.83	0.46	1640	1312	-0.29	-1.91	0.11	53.22	76.23	31.93	SI
1 Piso	P37	Top	B243-Wy+ G	-28.53	0.46	1640	1312	8.86	2.90	1.75	37.62	50.31	22.57	SI
1 Piso	P37	Bottom	B243-Wy+ G	-29.83	0.46	1640	1312	0.29	1.91	0.11	53.22	76.23	31.93	SI
1 Piso	P37	Top	B244-Wx- G	-29.89	0.46	1640	1312	8.37	4.32	1.48	37.86	50.31	22.78	SI
1 Piso	P37	Bottom	B244-Wx- G	-32.64	0.46	1640	1312	-0.77	-3.70	0.16	53.80	76.23	32.34	SI
1 Piso	P37	Top	B244-Wx+ G	-29.89	0.46	1640	1312	8.37	4.32	1.48	37.98	50.31	22.78	SI
1 Piso	P37	Bottom	B244-Wx+ G	-32.64	0.46	1640	1312	-0.77	-3.70	0.16	53.80	76.23	32.34	SI
1 Piso	P37	Top	B244-Wy- G	-29.89	0.46	1640	1312	8.37	4.32	1.48	37.98	50.31	22.78	SI
1 Piso	P37	Bottom	B244-Wy- G	-32.64	0.46	1640	1312	-0.77	-3.70	0.16	53.80	76.23	32.34	SI
1 Piso	P37	Top	B244-Wy+ G	-29.89	0.46	1640	1312	8.37	4.32	1.48	37.98	50.31	22.78	SI
1 Piso	P37	Bottom	B244-Wy+ G	-32.64	0.46	1640	1312	-0.77	-3.70	0.16	53.80	76.23	32.34	SI
1 Piso	P38	Top	B241	-9.52	0.47	1580	1264	1.02	-0.19	6.17	39.65	51.93	20.31	SI
1 Piso	P38	Bottom	B241	-14.44	0.47	1580	1264	-1.94	-2.36	0.65	42.17	64.47	25.30	SI
1 Piso	P38	Top	B242 Loub	-9.30	0.47	1580	1264	1.45	-0.25	4.62	33.80	51.93	20.28	SI
1 Piso	P38	Bottom	B242 Loub	-13.60	0.47	1580	1264	-2.01	2.85	0.60	43.09	66.38	25.85	SI
1 Piso	P38	Top	B243-Wx+ Loub	-8.63	0.47	1580	1264	0.81	-0.06	11.38	33.63	51.93	20.18	SI
1 Piso	P38	Bottom	B243-Wx+ Loub	-13.00	0.47	1580	1264	-1.75	-2.04	0.68	41.30	63.58	24.70	SI
1 Piso	P38	Top	B243-Wx- Loub	-8.63	0.47	1580	1264	0.81	-0.06	11.38	33.63	51.93	20.18	SI
1 Piso	P38	Bottom	B243-Wx- Loub	-13.00	0.47	1580	1264	-1.75	-2.04	0.68	41.30	63.58	24.78	SI
1 Piso	P38	Top	B243-Wy+ Loub	-8.63	0.47	1580	1264	0.81	-0.06	11.38	33.63	51.93	20.18	SI
1 Piso	P38	Bottom	B243-Wy+ Loub	-13.00	0.47	1580	1264	-1.75	-2.04	0.68	41.30	63.58	24.78	SI
1 Piso	P38	Top	B243-Wy- Loub	-8.63	0.47	1580	1264	0.81	-0.06	11.38	33.63	51.93	20.18	SI
1 Piso	P38	Bottom	B243-Wy- Loub	-13.00	0.47	1580	1264	-1.75	-2.04	0.68	41.30	63.58	24.78	SI
1 Piso	P38	Top	B244-Wx+ Loub	-9.18	0.47	1580	1264	1.18	-0.16	5.80	33.76	51.93	20.26	SI
1 Piso	P38	Bottom	B244-Wx+ Loub	-13.65	0.47	1580	1264	-1.94	-2.43	0.63	42.44	65.30	25.47	SI
1 Piso	P38	Top	B244-Wx- Loub	-9.18	0.47	1580	1264	1.18	-0.16	5.80	33.76	51.93	20.26	SI
1 Piso	P38	Bottom	B244-Wx- Loub	-13.65	0.47	1580	1264	-1.94	-2.43	0.63	42.44	65.30	25.47	SI
1 Piso	P38	Top	B244-Wy+ Loub	-9.18	0.47	1580	1264	1.18	-0.16	5.80	33.76	51.93	20.26	SI
1 Piso	P38	Bottom	B244-Wy+ Loub	-13.65	0.47	1580	1264	-1.94	-2.43	0.63	42.44	65.30	25.47	SI
1 Piso	P38	Top	B244-Wy- Loub	-9.18	0.47	1580	1264	1.18	-0.16	5.80	33.76	51.93	20.26	SI
1 Piso	P38	Bottom	B244-Wy- Loub	-13.65	0.47	1580	1264	-1.94	-2.43	0.63	42.44	65.30	25.47	SI
1 Piso	P38	Top	B245-Ex+	-7.85	0.47	1580	1264	0.06	-1.35	0.33	47.11	76.12	28.27	SI
1 Piso	P38	Bottom	B245-Ex+	-10.13	0.47	1580	1264	1.17	0.15	6.13	34.01	51.93	20.40	SI
1 Piso	P38	Top	B245-Ex-	-9.75	0.47	1580	1264	1.92	-1.76	0.86	30.68	56.83	22.01	SI
1 Piso	P38	Bottom	B245-Ex-	-16.22	0.47	1580	1264	-4.91	-4.66	0.76	39.98	59.61	23.89	SI
1 Piso	P38	Top	B245 Ey+	10.42	0.47	1580	1264	1.19	0.02	61.82	34.06	51.93	20.45	SI
1 Piso	P38	Bottom	B245-Ey+	-17.00	0.47	1580	1264	-2.93	-2.52	0.92	37.41	54.89	22.45	SI
1 Piso	P38	Top	B245-Ey-	-7.88	0.47	1580	1264	1.29	-0.43	2.40	33.27	51.93	19.96	SI
1 Piso	P38	Bottom	B245-Ey-	-9.30	0.47	1580	1264	-0.61	-2.29	0.28	48.53	77.09	29.12	SI
1 Piso	P38	Top	B248-Wx+	-8.37	0.47	1580	1264	0.82	-0.05	9.00	33.08	51.93	19.84	SI
1 Piso	P38	Bottom	B248-Wx+	-9.81	0.47	1580	1264	-1.30	-1.53	0.87	40.60	63.63	24.36	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acw (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	dVn (ton)	Cumple
1 Piso	P38	Top	B246-Wx-	-6.37	0.47	1580	1264	0.82	-0.05	8.00	33.08	51.93	18.84	SI
1 Piso	P38	Bottom	B246-Wx-	-8.01	0.47	1580	1264	1.30	-1.55	0.07	40.80	83.83	24.36	SI
1 Piso	P38	Top	B246-Wy+	-8.37	0.47	1580	1264	0.82	-0.05	8.00	33.08	51.93	18.81	SI
1 Piso	P38	Bottom	B246-Wy+	9.81	0.47	1580	1264	-1.30	1.53	0.67	40.60	93.83	24.36	SI
1 Piso	P38	Top	B246-Wy-	-8.37	0.47	1580	1264	0.82	-0.05	8.00	33.08	51.93	18.84	SI
1 Piso	P38	Bottom	B246-Wy-	-9.61	0.47	1580	1264	-1.30	-1.53	0.67	40.60	63.83	24.36	SI
1 Piso	P38	Top	B247-Ex+	-5.17	0.47	1580	1264	-0.02	1.47	0.01	48.50	78.60	29.10	SI
1 Piso	P38	Bottom	B247-Ex+	-9.24	0.47	1580	1264	1.79	1.05	1.35	33.03	51.93	18.82	SI
1 Piso	P38	Top	B247-Ex-	-7.06	0.47	1580	1264	1.33	-1.53	0.85	40.60	64.77	24.30	SI
1 Piso	P38	Bottom	B247-Ex-	-12.33	0.47	1580	1264	-4.29	-4.07	0.83	37.86	57.94	22.77	SI
1 Piso	P38	Top	B247 Ey+	-7.75	0.47	1580	1264	0.61	0.14	3.53	33.61	51.93	20.04	SI
1 Piso	P38	Bottom	B247-Ey+	13.19	0.47	1580	1264	-2.91	-1.62	1.12	34.76	51.93	20.86	SI
1 Piso	P38	Top	B247-Ey-	4.51	0.47	1580	1264	0.71	-0.30	1.84	32.60	51.93	19.80	SI
1 Piso	P38	Bottom	B247-Ey-	-5.41	0.47	1580	1264	-0.19	-1.40	0.11	48.56	78.68	29.16	SI
1 Piso	P38	Top	B242 G	-9.50	0.47	1580	1264	1.42	0.22	5.01	33.65	51.80	20.91	SI
1 Piso	P38	Bottom	B242 G	-14.06	0.47	1580	1264	-2.05	2.66	0.61	42.58	66.07	25.79	SI
1 Piso	P38	Top	B243-Wx- G	-5.27	0.47	1580	1264	0.72	0.02	28.56	33.79	51.93	20.27	SI
1 Piso	P38	Bottom	B243-Wx- G	13.84	0.47	1580	1264	-1.88	-2.09	0.71	40.83	62.36	24.50	SI
1 Piso	P38	Top	B243-Wy- G	-9.27	0.47	1580	1264	0.72	0.02	28.56	33.79	51.93	20.27	SI
1 Piso	P38	Bottom	B243-Wy- G	-13.84	0.47	1580	1264	-1.88	-2.09	0.71	40.83	62.36	24.50	SI
1 Piso	P38	Top	B244-Wx- G	-8.36	0.47	1580	1264	1.16	-0.14	6.63	33.81	51.93	20.28	SI
1 Piso	P38	Bottom	B244-Wx- G	-13.91	0.47	1580	1264	-1.87	-2.44	0.64	42.32	64.97	25.39	SI
1 Piso	P38	Top	B244-Wx+ G	-8.36	0.47	1580	1264	1.16	-0.14	6.63	33.81	51.93	20.29	SI
1 Piso	P38	Bottom	B244-Wx+ G	-13.91	0.47	1580	1264	-1.87	-2.44	0.64	42.32	64.97	25.39	SI
1 Piso	P38	Top	B244-Wy- G	-9.36	0.47	1580	1264	1.16	-0.14	6.63	33.81	51.93	20.28	SI
1 Piso	P38	Bottom	B244-Wy- G	-13.91	0.47	1580	1264	-1.87	-2.44	0.64	42.32	64.97	25.39	SI
1 Piso	P38	Top	B244-Wy+ G	-9.36	0.47	1580	1264	1.16	-0.14	6.63	33.81	51.93	20.28	SI
1 Piso	P38	Bottom	B244-Wy+ G	-13.91	0.47	1580	1264	-1.87	-2.44	0.64	42.32	64.97	25.39	SI
1 Piso	P39	Top	B241	-19.21	0.83	2090	1672	0.22	0.02	9.81	46.10	68.09	27.96	SI
1 Piso	P39	Bottom	B241	-22.90	0.83	2090	1672	-0.25	-0.75	0.20	82.17	104.08	40.90	SI
1 Piso	P39	Top	B242 Loub	20.31	0.83	2090	1672	0.24	-0.04	3.03	46.71	68.69	28.03	SI
1 Piso	P39	Bottom	B242 Loub	-23.39	0.83	2090	1672	-0.26	-0.78	0.20	68.29	104.08	19.96	SI
1 Piso	P39	Top	B243-Wx+ Loub	-17.62	0.83	2090	1672	0.18	0.01	10.04	46.04	68.69	27.62	SI
1 Piso	P39	Bottom	B243-Wx+ Loub	-20.67	0.83	2090	1672	-0.23	-0.87	0.20	87.61	104.08	40.57	SI
1 Piso	P39	Top	B243 Wx- Loub	-17.62	0.83	2090	1672	0.18	0.01	10.04	46.04	68.68	27.62	SI
1 Piso	P39	Bottom	B243-Wx- Loub	-20.67	0.83	2090	1672	-0.23	-0.87	0.20	87.61	104.08	40.57	SI
1 Piso	P39	Top	B243-Wy+ Loub	-17.62	0.83	2090	1672	0.18	0.01	10.04	46.04	68.69	27.62	SI
1 Piso	P39	Bottom	B243-Wy+ Loub	-20.67	0.83	2090	1672	-0.23	-0.87	0.20	87.61	104.08	40.57	SI
1 Piso	P39	Top	B243-Wy- Loub	-17.62	0.83	2090	1672	0.18	0.01	10.04	46.04	68.69	27.62	SI
1 Piso	P39	Bottom	B243-Wy- Loub	-20.67	0.83	2090	1672	-0.23	-0.87	0.20	87.61	104.08	40.57	SI
1 Piso	P39	Top	B244 Wx+ Loub	-19.58	0.83	2090	1672	0.22	-0.01	10.48	46.53	68.69	27.92	SI
1 Piso	P39	Bottom	B244-Wx+ Loub	-22.61	0.83	2090	1672	-0.25	-0.75	0.20	68.10	104.08	40.86	SI
1 Piso	P39	Top	B244-Wx- Loub	-19.58	0.83	2090	1672	0.22	-0.01	10.48	46.53	68.69	27.92	SI
1 Piso	P39	Bottom	B244-Wx- Loub	-22.61	0.83	2090	1672	-0.25	-0.75	0.20	68.10	104.08	40.86	SI
1 Piso	P39	Top	B244-Wy+ Loub	-19.58	0.83	2090	1672	0.22	-0.01	10.48	46.53	68.68	27.92	SI
1 Piso	P39	Bottom	B244-Wy+ Loub	-22.61	0.83	2090	1672	-0.25	-0.75	0.20	68.10	104.08	40.86	SI
1 Piso	P39	Top	B244-Wy- Loub	-19.58	0.83	2090	1672	0.22	-0.01	10.48	46.53	68.69	27.92	SI
1 Piso	P39	Bottom	B244-Wy- Loub	-22.61	0.83	2090	1672	-0.25	-0.75	0.20	68.10	104.08	40.86	SI
1 Piso	P39	Top	B245-Ex+	-18.53	0.83	2090	1672	-0.17	2.46	0.08	66.67	103.03	39.40	SI
1 Piso	P39	Bottom	B245-Ex+	-21.67	0.83	2090	1672	0.15	2.47	0.76	53.51	80.13	22.11	SI
1 Piso	P39	Top	B245-Ex-	-18.65	0.83	2090	1672	1.62	2.56	0.38	63.13	99.39	37.68	SI
1 Piso	P39	Bottom	B245-Ex-	-21.98	0.83	2090	1672	-3.63	-3.81	0.56	59.14	89.65	35.49	SI
1 Piso	P39	Top	B245-Ey+	-19.20	0.83	2090	1672	0.40	-0.49	0.49	60.51	93.25	36.19	SI
1 Piso	P39	Bottom	B245-Ey+	-22.28	0.83	2090	1672	-0.79	-1.12	0.42	62.62	96.49	37.75	SI
1 Piso	P39	Top	B245-Ey-	-10.18	0.83	2090	1672	0.05	0.42	0.07	67.00	104.08	40.30	SI
1 Piso	P39	Bottom	B245-Ey-	-21.36	0.83	2090	1672	0.30	0.31	0.58	56.47	89.04	35.08	SI
1 Piso	P38	Top	B246-Wx+	-13.99	0.63	2090	1672	0.14	0.00	73.89	44.87	68.68	26.92	SI
1 Piso	P39	Bottom	B246-Wx+	-15.27	0.63	2090	1672	-0.17	-0.49	0.20	68.26	104.08	39.76	SI
1 Piso	P38	Top	B246-Wx-	-12.98	0.63	2090	1672	0.14	0.00	73.89	44.87	68.69	26.92	SI
1 Piso	P39	Bottom	B246-Wx-	-15.27	0.63	2090	1672	-0.17	-0.49	0.20	68.26	104.08	39.76	SI
1 Piso	P38	Top	B246-Wy+	-12.98	0.63	2090	1672	0.14	0.00	73.89	44.87	68.69	26.92	SI
1 Piso	P39	Bottom	B246-Wy+	-15.27	0.63	2090	1672	-0.17	-0.49	0.20	68.26	104.08	39.76	SI
1 Piso	P38	Top	B246-Wy-	-12.98	0.63	2090	1672	0.14	0.00	73.89	44.87	68.68	26.92	SI
1 Piso	P39	Bottom	B246-Wy-	-15.27	0.63	2090	1672	-0.17	-0.49	0.20	68.26	104.08	39.76	SI
1 Piso	P38	Top	B247-Ex+	-12.18	0.63	2090	1672	-1.28	2.51	0.30	63.82	102.90	38.17	SI
1 Piso	P38	Bottom	B247-Ex+	14.57	0.63	2090	1672	3.23	2.72	0.71	53.12	82.56	31.87	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amw (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	dau/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P39	Top	B247-Ex-	-12.51	0.83	2090	1672	-1.58	-2.54	0.39	61.96	99.17	37.19	SI
1 Piso	P39	Bottom	B247-Ex-	-14.87	0.83	2090	1672	-3.55	-3.66	0.58	56.71	90.79	34.03	SI
1 Piso	P39	Top	B247-Ey+	-12.85	0.83	2090	1672	0.32	-0.47	0.40	60.88	97.26	36.59	SI
1 Piso	P39	Bottom	B247-Ey+	-15.19	0.83	2090	1672	0.71	-0.88	0.66	58.46	93.52	35.68	SI
1 Piso	P38	Top	B247-Ey-	-11.84	0.83	2090	1672	-0.03	0.44	0.04	65.41	104.08	39.25	SI
1 Piso	P38	Bottom	B247-Ey-	-14.26	0.83	2090	1672	0.36	-0.00	3.56	45.20	69.69	27.12	SI
1 Piso	P39	Top	B242 G	-20.80	0.83	2090	1672	0.24	-0.02	5.75	46.83	69.69	28.10	SI
1 Piso	P39	Bottom	B242 G	-23.83	0.83	2090	1672	-0.27	-0.60	0.20	68.40	104.08	41.04	SI
1 Piso	P39	Top	B243-Wx- G	-19.21	0.83	2090	1672	0.16	0.05	1.85	45.43	68.68	27.86	SI
1 Piso	P39	Bottom	B243-Wx- G	-22.09	0.83	2090	1672	-0.25	-0.72	0.20	67.97	104.08	40.78	SI
1 Piso	P39	Top	B243-Wx+ G	-19.21	0.83	2090	1672	0.16	0.05	1.85	45.43	68.69	27.86	SI
1 Piso	P39	Bottom	B243-Wx+ G	-22.09	0.83	2090	1672	-0.25	-0.72	0.20	67.97	104.08	40.78	SI
1 Piso	P39	Top	B243-Wy- G	-19.21	0.83	2090	1672	0.16	0.05	1.85	45.43	68.69	27.86	SI
1 Piso	P39	Bottom	B243-Wy- G	-22.09	0.83	2090	1672	-0.25	-0.72	0.20	67.97	104.08	40.78	SI
1 Piso	P39	Top	B243-Wy+ G	-19.21	0.83	2090	1672	0.16	0.05	1.85	45.43	68.69	27.86	SI
1 Piso	P39	Bottom	B243-Wy+ G	-22.09	0.83	2090	1672	-0.25	-0.72	0.20	67.97	104.08	40.78	SI
1 Piso	P39	Top	B244-Wx- G	-20.07	0.83	2090	1672	0.21	0.00	157.80	46.65	68.69	27.99	SI
1 Piso	P39	Bottom	B244-Wx- G	-23.05	0.83	2090	1672	-0.26	-0.76	0.20	68.21	104.08	40.93	SI
1 Piso	P39	Top	B244-Wx+ G	-20.07	0.83	2090	1672	0.21	0.00	157.80	46.65	68.69	27.99	SI
1 Piso	P39	Bottom	B244-Wx+ G	-23.05	0.83	2090	1672	-0.26	-0.76	0.20	68.21	104.08	40.93	SI
1 Piso	P39	Top	B244-Wy- G	-20.07	0.83	2090	1672	0.21	0.00	157.80	46.65	68.69	27.99	SI
1 Piso	P39	Bottom	B244-Wy- G	-23.05	0.83	2090	1672	-0.26	-0.76	0.20	68.21	104.08	40.93	SI
1 Piso	P39	Top	B244-Wy+ G	-20.07	0.83	2090	1672	0.21	0.00	157.80	46.65	68.69	27.99	SI
1 Piso	P39	Bottom	B244-Wy+ G	-23.05	0.83	2090	1672	-0.26	-0.76	0.20	68.21	104.08	40.93	SI
1 Piso	P40	Top	B241	-19.01	0.62	2070	1656	-0.32	0.40	0.48	60.82	92.70	35.93	SI
1 Piso	P40	Bottom	B241	-23.26	0.62	2070	1656	-0.07	0.00	14.08	47.05	68.04	28.23	SI
1 Piso	P40	Top	B242 Lcub	-19.08	0.62	2070	1656	-0.25	0.32	0.49	59.71	92.01	35.82	SI
1 Piso	P40	Bottom	B242 Lcub	-23.37	0.62	2070	1656	-0.06	-0.01	9.22	47.08	68.04	28.25	SI
1 Piso	P40	Top	B243-Wx+ Lcub	-17.54	0.62	2070	1656	-0.34	0.41	0.50	58.95	91.63	35.37	SI
1 Piso	P40	Bottom	B243-Wx+ Lcub	-21.11	0.62	2070	1656	-0.06	0.01	3.96	46.57	68.04	27.91	SI
1 Piso	P40	Top	B243-Wx- Lcub	-17.54	0.62	2070	1656	-0.34	0.41	0.50	58.95	91.63	35.37	SI
1 Piso	P40	Bottom	B243-Wx- Lcub	-21.11	0.62	2070	1656	-0.06	0.01	3.96	46.51	68.04	27.91	SI
1 Piso	P40	Top	B243-Wy+ Lcub	-17.54	0.62	2070	1656	-0.34	0.41	0.50	58.95	91.63	35.37	SI
1 Piso	P40	Bottom	B243-Wy+ Lcub	-21.11	0.62	2070	1656	-0.06	0.01	3.96	46.51	68.04	27.91	SI
1 Piso	P40	Top	B243 Wy- Lcub	-17.54	0.62	2070	1656	-0.34	0.41	0.50	58.95	91.63	35.37	SI
1 Piso	P40	Bottom	B243-Wy- Lcub	-21.11	0.62	2070	1656	-0.06	0.01	3.96	46.51	68.04	27.91	SI
1 Piso	P40	Top	B244-Wx+ Lcub	-19.18	0.62	2070	1656	0.31	0.37	0.50	59.35	91.80	35.61	SI
1 Piso	P40	Bottom	B244-Wx+ Lcub	-22.80	0.62	2070	1656	-0.07	0.00	15.23	46.90	68.04	28.16	SI
1 Piso	P40	Top	B244-Wx- Lcub	-19.18	0.62	2070	1656	-0.31	0.37	0.50	59.35	91.80	35.61	SI
1 Piso	P40	Bottom	B244-Wx- Lcub	-22.80	0.62	2070	1656	-0.07	0.00	15.23	46.90	68.04	28.16	SI
1 Piso	P40	Top	B244-Wy+ Lcub	-19.18	0.62	2070	1656	-0.31	0.37	0.50	59.35	91.80	35.61	SI
1 Piso	P40	Bottom	B244-Wy+ Lcub	-22.80	0.62	2070	1656	-0.07	0.00	15.23	46.83	68.04	28.16	SI
1 Piso	P40	Top	B244-Wy- Lcub	-19.18	0.62	2070	1656	-0.31	0.37	0.50	59.35	91.80	35.61	SI
1 Piso	P40	Bottom	B244-Wy- Lcub	-22.80	0.62	2070	1656	-0.07	0.00	15.23	46.83	68.04	28.16	SI
1 Piso	P40	Top	B245-Ex+	-18.25	0.62	2070	1656	-1.71	2.70	0.38	82.35	97.32	37.41	SI
1 Piso	P40	Bottom	B245-Ex+	-21.96	0.62	2070	1656	3.20	3.17	0.61	57.21	98.50	34.30	SI
1 Piso	P40	Top	B245 Ex-	-18.21	0.62	2070	1656	1.20	-2.06	0.38	83.18	98.83	37.91	SI
1 Piso	P40	Bottom	B245-Ex-	-21.84	0.62	2070	1656	3.34	-3.19	0.63	56.59	85.38	33.90	SI
1 Piso	P40	Top	B245-Ey+	-18.61	0.62	2070	1656	-0.04	-0.02	1.00	45.09	68.08	27.53	SI
1 Piso	P40	Bottom	B245-Ey+	-22.06	0.62	2070	1656	0.48	-0.41	0.73	52.67	80.03	32.39	SI
1 Piso	P40	Top	B245-Ey-	-17.85	0.62	2070	1656	-0.47	0.05	0.43	61.00	95.06	36.80	SI
1 Piso	P40	Bottom	B245-Ey-	-21.76	0.62	2070	1656	0.55	0.38	0.53	58.30	90.19	35.52	SI
1 Piso	P40	Top	B246-Wx-	-12.89	0.62	2070	1656	-0.24	0.29	0.50	57.85	91.91	34.77	SI
1 Piso	P40	Bottom	B246-Wx-	-15.57	0.62	2070	1656	-0.04	0.00	6.89	45.13	68.04	27.08	SI
1 Piso	P40	Top	B246-Wx+	-12.88	0.62	2070	1656	-0.24	0.28	0.50	57.85	91.91	34.77	SI
1 Piso	P40	Bottom	B246-Wx+	-15.57	0.62	2070	1656	-0.04	0.00	6.89	45.13	68.04	27.08	SI
1 Piso	P40	Top	B246-Wy+	-12.88	0.62	2070	1656	-0.24	0.29	0.50	57.85	91.91	34.77	SI
1 Piso	P40	Bottom	B246-Wy+	-15.57	0.62	2070	1656	-0.04	0.00	6.89	45.13	68.04	27.08	SI
1 Piso	P40	Top	B246-Wy-	-12.88	0.62	2070	1656	-0.24	0.29	0.50	57.85	91.91	34.77	SI
1 Piso	P40	Bottom	B246-Wy-	-15.57	0.62	2070	1656	0.04	0.00	6.89	45.13	68.04	27.08	SI
1 Piso	P40	Top	B247-Ex+	-12.20	0.62	2070	1656	-1.66	2.64	0.38	60.82	97.43	36.56	SI
1 Piso	P40	Bottom	B247-Ex+	-16.02	0.62	2070	1656	3.23	3.18	0.61	56.38	89.39	33.22	SI
1 Piso	P40	Top	B247-Ex-	-12.20	0.62	2070	1656	1.25	-2.12	0.36	61.56	98.61	36.84	SI
1 Piso	P40	Bottom	B247-Ex-	-14.65	0.62	2070	1656	-3.32	-3.18	0.60	54.97	88.59	32.92	SI
1 Piso	P40	Top	B247-Ey+	-12.60	0.62	2070	1656	0.01	-0.08	0.07	64.98	103.68	38.89	SI
1 Piso	P40	Bottom	B247-Ey+	-15.10	0.62	2070	1656	-0.47	-0.40	0.70	53.00	82.38	31.80	SI
1 Piso	P40	Top	B247-Ey-	-11.84	0.62	2070	1656	-0.42	0.60	0.47	59.70	95.42	35.82	SI
1 Piso	P40	Bottom	B247-Ey-	-14.80	0.62	2070	1656	0.37	0.40	0.57	56.52	88.53	33.91	SI
1 Piso	P40	Top	B242 G	-20.22	0.62	2070	1656	-0.29	0.34	0.50	59.56	91.52	35.74	SI
1 Piso	P40	Bottom	B242 G	-23.67	0.62	2070	1656	-0.08	0.00	191.37	47.20	68.04	28.32	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aww (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P40	Top	B243-Wy- G	-18.25	0.82	2070	-1856	0.49	0.50	0.52	98.81	90.62	35.29	SI
1 Piso	P40	Bottom	B243 Wy- G	-22.72	0.82	2070	1856	-0.05	0.02	1.20	46.91	88.04	28.15	SI
1 Piso	P40	Top	B243-Wy- G	-18.25	0.82	2070	1856	-0.43	0.50	0.52	98.81	90.62	35.29	SI
1 Piso	P40	Bottom	B243-Wy- G	-22.72	0.82	2070	1856	-0.05	0.02	1.20	46.91	88.04	28.15	SI
1 Piso	P40	Top	B243-Wy+ G	-19.25	0.82	2070	1856	-0.43	0.50	0.52	98.81	90.62	35.29	SI
1 Piso	P40	Bottom	B243-Wy+ G	-22.72	0.82	2070	1856	-0.05	0.02	1.20	46.91	88.04	28.15	SI
1 Piso	P40	Top	B243-Wy+ G	-18.25	0.82	2070	1856	-0.43	0.50	0.52	98.81	90.62	35.29	SI
1 Piso	P40	Bottom	B243-Wy+ G	-22.72	0.82	2070	1856	-0.05	0.02	1.20	46.91	88.04	28.15	SI
1 Piso	P40	Top	B244-Wx- G	-19.71	0.82	2070	1856	-0.33	0.39	0.51	98.25	91.20	35.55	SI
1 Piso	P40	Bottom	B244-Wx- G	-23.30	0.82	2070	1856	-0.07	0.01	5.27	47.06	88.04	28.24	SI
1 Piso	P40	Top	B244-Wx+ G	-19.71	0.82	2070	1856	-0.33	0.39	0.51	98.25	91.20	35.55	SI
1 Piso	P40	Bottom	B244-Wx+ G	-23.30	0.82	2070	1856	-0.07	0.01	5.27	47.06	88.04	28.24	SI
1 Piso	P40	Top	B244-Wy- G	-19.71	0.82	2070	1856	-0.33	0.39	0.51	98.25	91.20	35.55	SI
1 Piso	P40	Bottom	B244-Wy- G	-23.30	0.82	2070	1856	-0.07	0.01	5.27	47.06	88.04	28.24	SI
1 Piso	P40	Top	B244-Wy+ G	-19.71	0.82	2070	1856	-0.33	0.39	0.51	98.25	91.20	35.55	SI
1 Piso	P40	Bottom	B244-Wy+ G	-23.30	0.82	2070	1856	-0.07	0.01	5.27	47.06	88.04	28.24	SI
1 Piso	P41	Top	B241	-20.90	0.83	2090	1872	-1.32	0.70	1.13	46.88	89.89	28.13	SI
1 Piso	P41	Bottom	B241	-24.38	0.83	2090	1872	0.00	0.34	0.00	88.54	104.08	41.10	SI
1 Piso	P41	Top	B242 Loub	-21.23	0.83	2090	1872	-1.11	0.58	1.16	49.94	89.58	28.18	SI
1 Piso	P41	Bottom	B242 Loub	-24.19	0.83	2090	1872	0.00	0.32	0.01	88.60	104.08	41.10	SI
1 Piso	P41	Top	B243-Wx+ Loub	-19.31	0.83	2090	1872	1.21	0.67	1.08	46.48	89.89	27.88	SI
1 Piso	P41	Bottom	B243-Wx+ Loub	-22.14	0.83	2090	1872	0.01	0.34	0.02	87.80	104.08	40.79	SI
1 Piso	P41	Top	B243-Wx- Loub	-18.31	0.83	2090	1872	-1.21	0.87	1.09	46.46	89.89	27.88	SI
1 Piso	P41	Bottom	B243-Wx- Loub	-22.14	0.83	2090	1872	0.01	0.34	0.02	87.98	104.08	40.79	SI
1 Piso	P41	Top	B243-Wy+ Loub	-19.31	0.83	2090	1872	-1.21	0.87	1.09	46.46	89.89	27.88	SI
1 Piso	P41	Bottom	B243-Wy+ Loub	-22.14	0.83	2090	1872	0.01	0.34	0.02	87.98	104.08	40.79	SI
1 Piso	P41	Top	B243-Wy- Loub	-19.31	0.83	2090	1872	-1.21	0.87	1.09	46.46	89.89	27.88	SI
1 Piso	P41	Bottom	B243-Wy- Loub	-22.14	0.83	2090	1872	0.01	0.34	0.02	87.80	104.08	40.79	SI
1 Piso	P41	Top	B244-Wx+ Loub	-20.83	0.83	2090	1872	-1.17	0.83	1.12	46.84	89.89	28.10	SI
1 Piso	P41	Bottom	B244-Wx+ Loub	-23.71	0.83	2090	1872	0.00	0.33	0.01	88.38	104.08	41.03	SI
1 Piso	P41	Top	B244-Wx- Loub	-20.83	0.83	2090	1872	-1.17	0.83	1.12	46.84	89.89	28.10	SI
1 Piso	P41	Bottom	B244-Wx- Loub	-23.71	0.83	2090	1872	0.00	0.33	0.01	88.38	104.08	41.03	SI
1 Piso	P41	Top	B244-Wy+ Loub	-20.83	0.83	2090	1872	-1.17	0.83	1.12	46.84	89.89	28.10	SI
1 Piso	P41	Bottom	B244-Wy+ Loub	-23.71	0.83	2090	1872	0.00	0.33	0.01	88.38	104.08	41.03	SI
1 Piso	P41	Top	B244-Wy- Loub	-20.83	0.83	2090	1872	-1.17	0.83	1.12	46.84	89.89	28.10	SI
1 Piso	P41	Bottom	B244-Wy- Loub	-23.71	0.83	2090	1872	0.00	0.33	0.01	88.38	104.08	41.03	SI
1 Piso	P41	Top	B245-Ex+	-19.65	0.83	2090	1872	-2.62	3.12	0.50	90.07	92.53	36.04	SI
1 Piso	P41	Bottom	B245-Ex+	-22.87	0.83	2090	1872	3.24	3.50	0.57	59.10	89.49	35.46	SI
1 Piso	P41	Top	B245-Ex-	-15.81	0.83	2090	1872	0.41	-1.88	0.12	67.40	104.08	40.44	SI
1 Piso	P41	Bottom	B245-Ex-	-22.68	0.83	2090	1872	-3.31	-2.88	0.89	55.77	83.58	33.43	SI
1 Piso	P41	Top	B245-Ey+	-20.16	0.83	2090	1872	-0.91	0.29	1.87	46.87	89.89	28.00	SI
1 Piso	P41	Bottom	B245-Ey+	-22.93	0.83	2090	1872	-0.29	0.02	5.70	47.37	88.89	28.42	SI
1 Piso	P41	Top	B245-Ey-	-19.50	0.83	2090	1872	-1.30	0.85	0.91	48.94	73.01	29.37	SI
1 Piso	P41	Bottom	B245-Ey-	-22.82	0.83	2090	1872	0.28	0.60	0.28	65.00	102.96	39.99	SI
1 Piso	P41	Top	B246-Wx+	-14.19	0.83	2090	1872	-0.89	0.48	1.10	45.18	89.89	27.11	SI
1 Piso	P41	Bottom	B246-Wx+	-16.33	0.83	2090	1872	0.01	0.25	0.02	88.53	104.08	39.92	SI
1 Piso	P41	Top	B246-Wx-	-14.19	0.83	2090	1872	-0.89	0.48	1.10	45.18	89.89	27.11	SI
1 Piso	P41	Bottom	B246-Wx-	-16.33	0.83	2090	1872	0.01	0.25	0.02	88.53	104.08	39.92	SI
1 Piso	P41	Top	B246-Wy+	-14.19	0.83	2090	1872	-0.89	0.48	1.10	45.18	89.89	27.11	SI
1 Piso	P41	Bottom	B246-Wy+	-16.33	0.83	2090	1872	0.01	0.25	0.02	88.53	104.08	39.92	SI
1 Piso	P41	Top	B246-Wy-	-14.19	0.83	2090	1872	-0.89	0.48	1.10	45.18	89.89	27.11	SI
1 Piso	P41	Bottom	B246-Wy-	-16.33	0.83	2090	1872	0.01	0.25	0.02	88.53	104.08	39.92	SI
1 Piso	P41	Top	B247-Ex+	-13.52	0.83	2090	1872	-2.96	3.00	0.47	59.32	94.01	35.59	SI
1 Piso	P41	Bottom	B247-Ex+	-16.77	0.83	2090	1872	3.31	3.42	0.58	36.98	88.83	34.17	SI
1 Piso	P41	Top	B247-Ex-	-13.47	0.83	2090	1872	0.87	-2.10	0.19	65.82	104.08	39.49	SI
1 Piso	P41	Bottom	B247-Ex-	-16.58	0.83	2090	1872	-3.31	-2.86	0.87	54.69	84.49	32.67	SI
1 Piso	P41	Top	B247-Ey+	-13.93	0.83	2090	1872	-0.65	0.17	2.35	45.09	89.89	27.05	SI
1 Piso	P41	Bottom	B247-Ey+	-15.83	0.83	2090	1872	-0.29	-0.08	3.00	45.99	88.89	27.35	SI
1 Piso	P41	Top	B247-Ey-	-14.16	0.83	2090	1872	-1.04	0.73	0.95	49.89	75.71	29.33	SI
1 Piso	P41	Bottom	B247-Ey-	-15.51	0.83	2090	1872	0.29	0.52	0.39	63.59	100.89	38.16	SI
1 Piso	P41	Top	B242-G	-27.80	0.83	2090	1872	-1.15	0.61	1.13	47.06	88.89	28.25	SI
1 Piso	P41	Bottom	B242-G	-24.72	0.83	2090	1872	0.00	0.33	0.00	88.63	104.08	41.18	SI
1 Piso	P41	Top	B243-Wx- G	-21.12	0.83	2090	1872	-1.32	0.76	1.04	48.01	89.89	28.15	SI
1 Piso	P41	Bottom	B243-Wx- G	-23.84	0.83	2090	1872	0.00	0.38	0.04	88.41	104.08	41.04	SI
1 Piso	P41	Top	B243-Wy- G	-21.12	0.83	2090	1872	-1.32	0.76	1.04	48.01	89.89	28.15	SI
1 Piso	P41	Bottom	B243-Wy- G	-23.84	0.83	2090	1872	0.03	0.38	0.04	88.41	104.08	41.04	SI
1 Piso	P41	Top	B243-Wx+ G	-21.12	0.83	2090	1872	-1.32	0.76	1.04	48.01	89.89	28.15	SI
1 Piso	P41	Bottom	B243-Wx+ G	-23.84	0.83	2090	1872	0.03	0.38	0.04	88.41	104.08	41.04	SI
1 Piso	P41	Top	B243-Wy+ G	-21.12	0.83	2090	1872	-1.32	0.76	1.04	48.01	89.89	28.15	SI
1 Piso	P41	Bottom	B243-Wy+ G	-23.84	0.83	2090	1872	0.03	0.38	0.04	88.41	104.08	41.04	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Acmv (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V2Z (ton)	Mua/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P41	Top	B244-Wx- G	-21.39	0.63	2090	1672	-1.20	0.66	1.10	46.96	68.80	28.19	SI
1 Piso	P41	Bottom	B244-Wx- G	-24.25	0.63	2090	1672	0.01	0.34	0.02	68.51	104.08	41.11	SI
1 Piso	P41	Top	B244-Wx+ G	-21.39	0.63	2090	1672	-1.20	0.66	1.10	46.96	68.69	28.19	SI
1 Piso	P41	Bottom	B244-Wx+ G	-24.25	0.63	2090	1672	0.01	0.34	0.02	68.51	104.08	41.11	SI
1 Piso	P41	Top	B244-Wy- G	-21.39	0.63	2090	1672	-1.20	0.66	1.10	46.96	68.69	28.19	SI
1 Piso	P41	Bottom	B244-Wy- G	-24.25	0.63	2090	1672	0.01	0.34	0.02	68.51	104.08	41.11	SI
1 Piso	P41	Top	B244-Wy+ G	-21.39	0.63	2090	1672	-1.20	0.66	1.10	46.96	68.69	28.19	SI
1 Piso	P41	Bottom	B244-Wy+ G	-24.25	0.63	2090	1672	0.01	0.34	0.02	68.51	104.08	41.11	SI
1 Piso	P42	Top	B241	-18.77	0.62	2070	1656	-0.54	0.42	0.78	51.28	78.06	30.77	SI
1 Piso	P42	Bottom	B241	-21.01	0.62	2070	1656	0.05	0.27	0.12	67.10	103.08	40.29	SI
1 Piso	P42	Top	B242 Loub	-17.27	0.62	2070	1656	-0.55	0.40	0.83	50.11	76.19	30.07	SI
1 Piso	P42	Bottom	B242 Loub	-21.01	0.62	2070	1656	0.04	0.25	0.10	67.10	103.08	40.25	SI
1 Piso	P42	Top	B243-Wx+ Loub	-15.58	0.62	2070	1656	-0.53	0.41	0.77	51.20	78.77	30.72	SI
1 Piso	P42	Bottom	B243-Wx+ Loub	-19.14	0.62	2070	1656	0.05	0.26	0.12	66.64	103.08	39.98	SI
1 Piso	P42	Top	B243-Wx- Loub	-15.58	0.62	2070	1656	-0.53	0.41	0.77	51.20	78.77	30.72	SI
1 Piso	P42	Bottom	B243-Wx- Loub	-19.14	0.62	2070	1656	0.05	0.26	0.12	66.64	103.08	39.98	SI
1 Piso	P42	Top	B243-Wy+ Loub	-15.58	0.62	2070	1656	-0.53	0.41	0.77	51.20	78.77	30.72	SI
1 Piso	P42	Bottom	B243-Wy+ Loub	-19.14	0.62	2070	1656	0.05	0.26	0.12	66.64	103.08	39.98	SI
1 Piso	P42	Top	B243-Wy- Loub	-15.58	0.62	2070	1656	-0.53	0.41	0.77	51.20	78.77	30.72	SI
1 Piso	P42	Bottom	B243-Wy- Loub	-19.14	0.62	2070	1656	0.05	0.26	0.12	66.64	103.08	39.98	SI
1 Piso	P42	Top	B244-Wx+ Loub	-16.92	0.62	2070	1656	-0.56	0.42	0.81	50.68	77.26	30.41	SI
1 Piso	P42	Bottom	B244-Wx+ Loub	-20.58	0.62	2070	1656	0.05	0.26	0.11	67.00	103.08	40.20	SI
1 Piso	P42	Top	B244-Wx- Loub	-16.92	0.62	2070	1656	-0.56	0.42	0.81	50.68	77.26	30.41	SI
1 Piso	P42	Bottom	B244-Wx- Loub	-20.58	0.62	2070	1656	0.05	0.26	0.11	67.00	103.08	40.20	SI
1 Piso	P42	Top	B244-Wy+ Loub	-16.92	0.62	2070	1656	-0.56	0.42	0.81	50.68	77.26	30.41	SI
1 Piso	P42	Bottom	B244-Wy+ Loub	-20.58	0.62	2070	1656	0.05	0.26	0.11	67.00	103.08	40.20	SI
1 Piso	P42	Top	B244-Wy- Loub	-16.92	0.62	2070	1656	-0.56	0.42	0.81	50.68	77.26	30.41	SI
1 Piso	P42	Bottom	B244-Wy- Loub	-20.58	0.62	2070	1656	0.05	0.26	0.11	67.00	103.08	40.20	SI
1 Piso	P42	Top	B245-Ex+	-17.04	0.62	2070	1656	-1.35	2.11	0.39	81.93	97.12	37.16	SI
1 Piso	P42	Bottom	B245-Ex+	-20.58	0.62	2070	1656	3.22	3.23	0.60	57.08	86.83	34.23	SI
1 Piso	P42	Top	B245-Ex-	-18.88	0.62	2070	1656	0.93	-1.36	0.25	56.60	103.08	39.36	SI
1 Piso	P42	Bottom	B245-Ex-	-18.88	0.62	2070	1656	-3.13	-2.75	0.89	54.33	82.87	32.60	SI
1 Piso	P42	Top	B245-Ey+	-18.56	0.62	2070	1656	-0.44	0.25	1.05	40.37	58.04	27.22	SI
1 Piso	P42	Bottom	B245-Ey+	-19.97	0.62	2070	1656	-0.04	0.18	0.13	66.84	103.08	40.71	SI
1 Piso	P42	Top	B245-Ey-	-15.46	0.62	2070	1656	-0.57	0.50	0.69	53.31	82.56	31.89	SI
1 Piso	P42	Bottom	B245-Ey-	-16.40	0.62	2070	1656	0.42	0.30	0.24	66.72	103.08	40.00	SI
1 Piso	P42	Top	B246-Wx+	-11.62	0.62	2070	1656	-0.38	0.30	0.78	50.09	78.66	30.09	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	2070	1656	0.04	0.19	0.12	65.38	103.08	39.23	SI
1 Piso	P42	Top	B246-Wx-	-11.42	0.62	2070	1656	-0.38	0.30	0.78	50.09	78.66	30.09	SI
1 Piso	P42	Bottom	B246-Wx-	-14.10	0.62	2070	1656	0.04	0.19	0.12	65.38	103.08	39.23	SI
1 Piso	P42	Top	B246-Wy+	-11.42	0.62	2070	1656	-0.38	0.30	0.78	50.09	78.66	30.09	SI
1 Piso	P42	Bottom	B246-Wy+	-14.10	0.62	2070	1656	0.04	0.19	0.12	65.38	103.08	39.23	SI
1 Piso	P42	Top	B246-Wy-	-11.42	0.62	2070	1656	-0.39	0.30	0.78	50.09	78.66	30.09	SI
1 Piso	P42	Bottom	B246-Wy-	-14.10	0.62	2070	1656	0.04	0.19	0.12	65.38	103.08	39.23	SI
1 Piso	P42	Top	B247-Ex+	-11.81	0.62	2070	1656	-1.19	2.00	0.36	81.93	98.49	36.82	SI
1 Piso	P42	Bottom	B247-Ex+	-14.37	0.62	2070	1656	3.21	3.16	0.61	55.20	86.40	33.12	SI
1 Piso	P42	Top	B247-Ex-	-8.75	0.62	2070	1656	0.49	-1.49	0.20	64.29	103.08	38.57	SI
1 Piso	P42	Bottom	B247-Ex-	-12.64	0.62	2070	1656	3.14	-2.62	0.67	53.17	83.56	31.00	SI
1 Piso	P42	Top	B247-Ey+	-11.53	0.62	2070	1656	-0.28	0.15	1.17	44.07	68.04	26.44	SI
1 Piso	P42	Bottom	B247-Ey+	-13.75	0.62	2070	1656	-0.05	0.11	0.25	65.29	103.08	39.17	SI
1 Piso	P42	Top	B247-Ey-	-10.79	0.62	2070	1656	-0.4	0.39	0.84	53.51	85.23	32.11	SI
1 Piso	P42	Bottom	B247-Ey-	-13.25	0.62	2070	1656	0.11	0.23	0.29	63.45	101.45	38.07	SI
1 Piso	P42	Top	B242 G	-17.79	0.62	2070	1656	-0.58	0.42	0.82	50.40	76.39	30.24	SI
1 Piso	P42	Bottom	B242 G	-21.49	0.62	2070	1656	0.04	0.26	0.10	67.22	103.08	40.33	SI
1 Piso	P42	Top	B243-Wx- G	-17.23	0.62	2070	1656	-0.62	0.49	0.77	51.63	79.18	31.10	SI
1 Piso	P42	Bottom	B243-Wx- G	-20.89	0.62	2070	1656	0.06	0.29	0.12	67.02	103.08	40.21	SI
1 Piso	P42	Top	B243-Wy- G	-17.23	0.62	2070	1656	-0.62	0.49	0.77	51.63	79.18	31.10	SI
1 Piso	P42	Bottom	B243-Wy- G	-20.89	0.62	2070	1656	0.06	0.29	0.12	67.02	103.08	40.21	SI
1 Piso	P42	Top	B243-Wx+ G	-17.23	0.62	2070	1656	-0.62	0.49	0.77	51.63	79.18	31.10	SI
1 Piso	P42	Bottom	B243-Wx+ G	-20.89	0.62	2070	1656	0.06	0.29	0.12	67.02	103.08	40.21	SI
1 Piso	P42	Top	B243-Wy+ G	-17.23	0.62	2070	1656	-0.62	0.49	0.77	51.63	79.18	31.10	SI
1 Piso	P42	Bottom	B243-Wy+ G	-20.89	0.62	2070	1656	0.06	0.29	0.12	67.02	103.08	40.21	SI
1 Piso	P42	Top	B244-Wx- G	-17.44	0.62	2070	1656	-0.59	0.44	0.80	50.92	77.47	30.55	SI
1 Piso	P42	Bottom	B244-Wx- G	-21.08	0.62	2070	1656	0.05	0.27	0.11	67.12	103.08	40.27	SI
1 Piso	P42	Top	B244-Wx+ G	-17.44	0.62	2070	1656	-0.59	0.44	0.80	50.92	77.47	30.55	SI
1 Piso	P42	Bottom	B244-Wx+ G	-21.08	0.62	2070	1656	0.05	0.27	0.11	67.12	103.08	40.27	SI
1 Piso	P42	Top	B244-Wy+ G	-17.44	0.62	2070	1656	-0.59	0.44	0.80	50.92	77.47	30.55	SI
1 Piso	P42	Bottom	B244-Wy+ G	-21.08	0.62	2070	1656	0.05	0.27	0.11	67.12	103.08	40.27	SI
1 Piso	P42	Top	B244-Wy- G	-17.44	0.62	2070	1656	-0.59	0.44	0.80	50.92	77.47	30.55	SI
1 Piso	P42	Bottom	B244-Wy- G	-21.08	0.62	2070	1656	0.05	0.27	0.11	67.12	103.08	40.27	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (cm²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua(Vu*d)	Vn (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P43	Top	B241	-19.77	0.62	2070	1656	-0.05	0.03	1.22	46.10	68.04	27.71	SI
1 Piso	P43	Bottom	B241	-23.09	0.62	2070	1656	0.01	-0.07	0.52	97.62	103.08	40.57	SI
1 Piso	P43	Top	B242 Loub	-19.88	0.62	2070	1656	0.01	0.00	2.83	46.22	68.04	27.75	SI
1 Piso	P43	Bottom	B242 Loub	-23.88	0.62	2070	1656	0.02	-0.08	0.13	97.57	103.08	40.54	SI
1 Piso	P43	Top	B243-Wx+ Loub	-18.26	0.62	2070	1656	-0.09	0.04	1.10	45.90	68.04	27.48	SI
1 Piso	P43	Bottom	B243-Wx+ Loub	-21.01	0.62	2070	1656	0.00	-0.08	0.01	97.10	103.08	40.26	SI
1 Piso	P43	Top	B243-Wx- Loub	-18.26	0.62	2070	1656	-0.09	0.04	1.10	45.90	68.04	27.48	SI
1 Piso	P43	Bottom	B243-Wx- Loub	-21.01	0.62	2070	1656	0.00	-0.08	0.01	97.10	103.08	40.26	SI
1 Piso	P43	Top	B243-Wy+ Loub	-18.26	0.62	2070	1656	-0.09	0.04	1.10	45.90	68.04	27.48	SI
1 Piso	P43	Bottom	B243-Wy+ Loub	-21.01	0.62	2070	1656	0.00	-0.08	0.01	97.10	103.08	40.26	SI
1 Piso	P43	Top	B243-Wy- Loub	-18.26	0.62	2070	1656	-0.09	0.04	1.10	45.90	68.04	27.48	SI
1 Piso	P43	Bottom	B243-Wy- Loub	-21.01	0.62	2070	1656	0.00	-0.08	0.01	97.10	103.08	40.26	SI
1 Piso	P43	Top	B244-Wx+ Loub	-18.63	0.62	2070	1656	-0.04	0.02	1.03	46.14	68.04	27.58	SI
1 Piso	P43	Bottom	B244-Wx+ Loub	-22.47	0.62	2070	1656	0.01	-0.08	0.07	97.47	103.08	40.46	SI
1 Piso	P43	Top	B244-Wx- Loub	-18.63	0.62	2070	1656	0.04	0.02	1.03	46.14	68.04	27.58	SI
1 Piso	P43	Bottom	B244-Wx- Loub	-22.47	0.62	2070	1656	0.01	-0.08	0.07	97.47	103.08	40.46	SI
1 Piso	P43	Top	B244-Wy+ Loub	-18.63	0.62	2070	1656	-0.04	0.02	1.03	46.14	68.04	27.58	SI
1 Piso	P43	Bottom	B244-Wy+ Loub	-22.47	0.62	2070	1656	0.01	-0.08	0.07	97.47	103.08	40.46	SI
1 Piso	P43	Top	B244-Wy- Loub	-18.63	0.62	2070	1656	-0.04	0.02	1.03	46.14	68.04	27.58	SI
1 Piso	P43	Bottom	B244-Wy- Loub	-22.47	0.62	2070	1656	0.01	-0.08	0.07	97.47	103.08	40.46	SI
1 Piso	P43	Top	B245 Ex+	-17.99	0.62	2070	1656	-0.00	1.91	0.28	64.81	101.87	38.90	SI
1 Piso	P43	Bottom	B245-Ex+	-20.56	0.62	2070	1656	3.25	2.04	0.87	55.25	83.72	33.15	SI
1 Piso	P43	Top	B245-Ex-	-19.87	0.62	2070	1656	0.00	-1.90	0.28	86.45	102.17	39.27	SI
1 Piso	P43	Bottom	B245-Ex-	-22.51	0.62	2070	1656	-3.22	-3.08	0.63	58.76	85.56	34.00	SI
1 Piso	P43	Top	B245-Ey+	-19.90	0.62	2070	1656	-0.05	0.18	0.29	94.85	101.47	38.91	SI
1 Piso	P43	Bottom	B245-Ey+	-21.56	0.62	2070	1656	0.19	0.08	1.52	46.63	68.04	27.98	SI
1 Piso	P43	Top	B245-Ey-	-19.37	0.62	2070	1656	0.07	-0.17	0.25	58.44	103.08	39.87	SI
1 Piso	P43	Bottom	B245-Ey-	-21.52	0.62	2070	1656	-0.16	-0.22	0.42	82.08	85.36	37.24	SI
1 Piso	P43	Top	B246-Wx+	-13.40	0.62	2070	1656	-0.05	0.03	1.12	44.58	68.04	28.75	SI
1 Piso	P43	Bottom	B246-Wx+	-15.49	0.62	2070	1656	0.00	0.05	0.04	85.72	103.08	39.43	SI
1 Piso	P43	Top	B246-Wx-	-13.40	0.62	2070	1656	-0.05	0.03	1.12	44.58	68.04	28.75	SI
1 Piso	P43	Bottom	B246 Wx-	-15.49	0.62	2070	1656	0.00	-0.05	0.04	85.72	103.08	39.43	SI
1 Piso	P43	Top	B246-Wy+	-13.40	0.62	2070	1656	-0.05	0.03	1.12	44.58	68.04	28.75	SI
1 Piso	P43	Bottom	B246-Wy+	-15.49	0.62	2070	1656	0.00	-0.05	0.04	85.72	103.08	39.43	SI
1 Piso	P43	Top	B246-Wy-	-13.40	0.62	2070	1656	-0.05	0.03	1.12	44.58	68.04	28.75	SI
1 Piso	P43	Bottom	B246-Wy-	-15.49	0.62	2070	1656	0.00	-0.05	0.04	85.72	103.08	39.43	SI
1 Piso	P43	Top	B247-Ex+	-11.67	0.62	2070	1656	-0.93	1.62	0.29	63.78	101.65	37.90	SI
1 Piso	P43	Bottom	B247-Ex+	-13.88	0.62	2070	1656	3.25	2.96	0.88	59.77	84.06	32.20	SI
1 Piso	P43	Top	B247-Ex-	-13.75	0.62	2070	1656	0.85	-1.89	0.27	84.14	102.48	38.48	SI
1 Piso	P43	Bottom	B247-Ex-	-15.81	0.62	2070	1656	-3.23	-3.08	0.64	54.90	85.22	32.94	SI
1 Piso	P43	Top	B247-Ey+	-12.97	0.62	2070	1656	-0.11	0.19	0.36	51.67	98.40	37.60	SI
1 Piso	P43	Bottom	B247-Ey+	-14.87	0.62	2070	1656	0.18	0.10	1.08	44.95	68.04	28.97	SI
1 Piso	P43	Top	B247-Ey-	-12.85	0.62	2070	1656	0.04	-0.16	0.17	84.96	103.08	38.98	SI
1 Piso	P43	Bottom	B247-Ey-	-14.81	0.62	2070	1656	-0.18	-0.20	0.51	98.17	91.44	34.80	SI
1 Piso	P43	Top	B242 G	-20.51	0.62	2070	1656	-0.01	0.01	0.75	52.99	79.77	31.79	SI
1 Piso	P43	Bottom	B242 G	-23.41	0.62	2070	1656	0.01	0.00	0.09	97.70	103.08	40.62	SI
1 Piso	P43	Top	B243-Wx- G	-20.07	0.62	2070	1656	-0.13	0.07	1.05	46.25	68.04	27.75	SI
1 Piso	P43	Bottom	B243-Wx- G	-22.88	0.62	2070	1656	-0.01	-0.10	0.08	97.52	103.08	40.51	SI
1 Piso	P43	Top	B243-Wy- G	-20.07	0.62	2070	1656	-0.13	0.07	1.05	46.25	68.04	27.75	SI
1 Piso	P43	Bottom	B243-Wy+ G	-22.88	0.62	2070	1656	-0.01	-0.10	0.08	97.52	103.08	40.51	SI
1 Piso	P43	Top	B243-Wy+ G	-20.07	0.62	2070	1656	-0.13	0.07	1.05	46.25	68.04	27.75	SI
1 Piso	P43	Bottom	B243-Wy+ G	-22.88	0.62	2070	1656	-0.01	-0.10	0.08	97.52	103.08	40.51	SI
1 Piso	P43	Top	B243-Wy- G	-20.07	0.62	2070	1656	-0.13	0.07	1.05	46.25	68.04	27.75	SI
1 Piso	P43	Bottom	B243-Wy- G	-22.88	0.62	2070	1656	-0.01	-0.10	0.08	97.52	103.08	40.51	SI
1 Piso	P43	Top	B244-Wx- G	-20.19	0.62	2070	1656	-0.05	0.03	1.01	46.28	68.04	27.77	SI
1 Piso	P43	Bottom	B244-Wx- G	-22.99	0.62	2070	1656	0.01	-0.09	0.09	97.60	103.08	40.56	SI
1 Piso	P43	Top	B244-Wx+ G	-20.19	0.62	2070	1656	-0.05	0.03	1.01	46.28	68.04	27.77	SI
1 Piso	P43	Bottom	B244-Wx+ G	-22.99	0.62	2070	1656	0.01	-0.09	0.09	97.60	103.08	40.56	SI
1 Piso	P43	Top	B244 Wy- G	-20.19	0.62	2070	1656	0.05	0.03	1.01	46.28	68.04	27.77	SI
1 Piso	P43	Bottom	B244-Wy- G	-22.99	0.62	2070	1656	0.01	-0.09	0.09	97.60	103.08	40.56	SI
1 Piso	P43	Top	B244-Wy+ G	-20.19	0.62	2070	1656	-0.05	0.03	1.01	46.28	68.04	27.77	SI
1 Piso	P43	Bottom	B244-Wy+ G	-22.99	0.62	2070	1656	0.01	-0.09	0.09	97.60	103.08	40.56	SI
1 Piso	P44	Top	B241	-18.64	0.62	2060	1648	-0.01	0.04	0.20	68.21	102.99	39.70	SI
1 Piso	P44	Bottom	B241	-22.77	0.62	2060	1649	0.05	0.13	0.35	83.81	97.53	38.29	SI
1 Piso	P44	Top	B242 Loub	-18.46	0.62	2060	1648	0.00	0.06	0.04	96.42	102.59	39.85	SI
1 Piso	P44	Bottom	B242 Loub	-20.05	0.62	2060	1648	0.09	0.12	0.47	60.60	92.85	36.54	SI
1 Piso	P44	Top	B243-Wx+ Loub	-17.34	0.62	2060	1648	0.00	0.01	0.18	65.08	102.90	39.53	SI
1 Piso	P44	Bottom	B243-Wx+ Loub	-20.82	0.62	2060	1648	0.05	0.10	0.29	85.27	101.37	39.10	SI
1 Piso	P44	Top	B243 Wx- Loub	-17.34	0.62	2060	1648	0.00	0.01	0.19	65.09	102.90	39.53	SI
1 Piso	P44	Bottom	B243-Wx- Loub	-20.82	0.62	2060	1648	0.05	0.10	0.29	85.27	101.37	39.10	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amur (m^2)	Lw (mm)	t (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vnc (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P44	Top	B243-Wy+ Loub	-17.34	0.62	2060	1648	0.00	0.01	0.19	80.89	102.59	39.53	SI
1 Piso	P44	Bottom	B243-Wy+ Loub	-20.82	0.62	2060	1648	0.05	0.10	0.28	85.27	108.37	39.18	SI
1 Piso	P44	Top	B243-Wy+ Loub	-17.34	0.62	2060	1648	0.00	0.01	0.18	85.89	102.59	39.53	SI
1 Piso	P44	Bottom	B243-Wy+ Loub	-20.82	0.62	2060	1648	0.05	0.10	0.28	85.27	101.37	39.18	SI
1 Piso	P44	Top	B244-Wx+ Loub	-18.09	0.62	2060	1648	0.00	0.04	0.04	86.30	102.59	39.76	SI
1 Piso	P44	Bottom	B244-Wx+ Loub	-22.52	0.62	2060	1648	0.07	0.11	0.40	82.79	98.24	37.68	SI
1 Piso	P44	Top	B244-Wx+ Loub	-18.09	0.62	2060	1648	0.00	0.04	0.04	86.30	102.59	39.76	SI
1 Piso	P44	Bottom	B244-Wx+ Loub	-22.52	0.62	2060	1648	0.07	0.11	0.40	82.79	98.24	37.68	SI
1 Piso	P44	Top	B244-Wy+ Loub	-18.09	0.62	2060	1648	0.00	0.04	0.04	86.30	102.59	39.76	SI
1 Piso	P44	Bottom	B244-Wy+ Loub	-22.52	0.62	2060	1648	0.07	0.11	0.40	82.79	98.24	37.68	SI
1 Piso	P44	Top	B244-Wy+ Loub	-18.09	0.62	2060	1648	0.00	0.04	0.04	86.30	102.59	39.76	SI
1 Piso	P44	Bottom	B244-Wy+ Loub	-22.52	0.62	2060	1648	0.07	0.11	0.40	82.79	98.24	37.68	SI
1 Piso	P44	Top	B245-Ex+	-18.11	0.62	2060	1648	1.37	2.40	0.35	83.03	98.60	37.82	SI
1 Piso	P44	Bottom	B245-Ex+	-21.59	0.62	2060	1648	3.35	3.28	0.82	56.54	86.59	33.82	SI
1 Piso	P44	Top	B245-Ex-	-17.60	0.62	2060	1648	-1.35	-2.29	0.36	62.82	98.03	37.57	SI
1 Piso	P44	Bottom	B245-Ex-	-21.49	0.62	2060	1648	-3.19	3.05	0.64	66.74	84.93	33.68	SI
1 Piso	P44	Top	B245-Ey+	-18.14	0.62	2060	1648	-0.14	0.30	0.29	84.82	101.42	38.77	SI
1 Piso	P44	Bottom	B245-Ey+	-21.61	0.62	2060	1648	0.41	0.61	0.61	56.94	96.30	34.17	SI
1 Piso	P44	Top	B245-Ey-	-17.78	0.62	2060	1648	0.12	-0.18	0.40	81.44	98.05	36.80	SI
1 Piso	P44	Bottom	B245-Ey-	-21.47	0.62	2060	1648	-0.24	-0.18	0.83	51.04	78.87	30.61	SI
1 Piso	P44	Top	B246-Wx+	-12.70	0.62	2060	1648	0.00	0.01	0.02	64.73	102.59	38.84	SI
1 Piso	P44	Bottom	B246-Wx+	-15.32	0.62	2060	1648	-0.04	0.08	0.31	83.27	100.29	37.96	SI
1 Piso	P44	Top	B246-Wx-	-12.70	0.62	2060	1648	-0.00	0.01	0.02	64.73	102.59	38.84	SI
1 Piso	P44	Bottom	B246-Wx-	-15.32	0.62	2060	1648	0.04	0.08	0.31	83.27	100.29	37.96	SI
1 Piso	P44	Top	B246-Wy+	-12.70	0.62	2060	1648	0.00	0.01	0.02	64.73	102.59	38.84	SI
1 Piso	P44	Bottom	B246-Wy+	-15.32	0.62	2060	1648	-0.04	0.08	0.31	83.27	100.29	37.96	SI
1 Piso	P44	Top	B246-Wy-	-12.70	0.62	2060	1648	0.00	0.01	0.02	64.73	102.59	38.84	SI
1 Piso	P44	Bottom	B246-Wy-	-15.32	0.62	2060	1648	-0.04	0.08	0.31	83.27	100.29	37.96	SI
1 Piso	P44	Top	B247-Ex+	-12.14	0.62	2060	1648	1.37	2.37	0.35	81.42	98.40	36.80	SI
1 Piso	P44	Bottom	B247-Ex+	-14.69	0.62	2060	1648	3.32	3.25	0.82	54.42	86.80	32.08	SI
1 Piso	P44	Top	B247-Ex-	-11.80	0.62	2060	1648	1.35	-2.32	0.36	61.26	98.25	36.75	SI
1 Piso	P44	Bottom	B247-Ex-	-14.59	0.62	2060	1648	-3.20	-3.08	0.83	54.42	84.84	32.65	SI
1 Piso	P44	Top	B247-Ey+	-12.17	0.62	2060	1648	-0.14	0.26	0.32	62.26	99.67	37.35	SI
1 Piso	P44	Bottom	B247-Ey+	-14.71	0.62	2060	1648	0.38	0.58	0.60	55.27	96.39	33.10	SI
1 Piso	P44	Top	B247-Ey-	-11.80	0.62	2060	1648	0.12	-0.22	0.34	61.46	98.62	36.87	SI
1 Piso	P44	Bottom	B247-Ey-	-14.67	0.62	2060	1648	-0.28	-0.71	0.70	50.16	77.41	30.10	SI
1 Piso	P44	Top	B242 G	-20.04	0.62	2060	1648	0.00	0.00	0.02	86.56	102.59	39.84	SI
1 Piso	P44	Bottom	B242 G	-23.60	0.62	2060	1648	0.09	0.12	0.45	61.69	93.70	36.98	SI
1 Piso	P44	Top	B243-Wx- G	-19.19	0.62	2060	1648	0.02	-0.02	0.01	48.12	71.76	28.87	SI
1 Piso	P44	Bottom	B243-Wx- G	-22.59	0.62	2060	1648	0.00	0.08	0.18	87.20	102.59	40.32	SI
1 Piso	P44	Top	B243-Wy- G	-19.19	0.62	2060	1648	0.02	-0.02	0.01	48.12	71.76	28.87	SI
1 Piso	P44	Bottom	B243-Wy- G	-22.59	0.62	2060	1648	0.02	0.09	0.18	87.20	102.59	40.32	SI
1 Piso	P44	Top	B243-Wx+ G	-19.19	0.62	2060	1648	0.02	-0.02	0.01	48.12	71.76	28.87	SI
1 Piso	P44	Bottom	B243-Wx+ G	-22.59	0.62	2060	1648	0.02	0.09	0.18	87.20	102.59	40.32	SI
1 Piso	P44	Top	B243-Wy+ G	-19.19	0.62	2060	1648	0.02	-0.02	0.01	48.12	71.76	28.87	SI
1 Piso	P44	Bottom	B243-Wy+ G	-22.59	0.62	2060	1648	0.02	0.09	0.16	87.20	102.59	40.32	SI
1 Piso	P44	Top	B244-Wx- G	-19.67	0.62	2060	1648	0.01	0.03	0.17	86.44	102.59	39.87	SI
1 Piso	P44	Bottom	B244-Wx- G	-23.07	0.62	2060	1648	0.06	0.11	0.37	63.67	97.55	38.20	SI
1 Piso	P44	Top	B244-Wx+ G	-19.67	0.62	2060	1648	0.01	0.03	0.17	86.44	102.59	39.87	SI
1 Piso	P44	Bottom	B244-Wx+ G	-23.07	0.62	2060	1648	0.06	0.11	0.37	63.67	97.55	38.20	SI
1 Piso	P44	Top	B244-Wy- G	-19.67	0.62	2060	1648	0.01	0.03	0.17	86.44	102.59	39.87	SI
1 Piso	P44	Bottom	B244-Wy- G	-23.07	0.62	2060	1648	0.06	0.11	0.37	63.67	97.55	38.20	SI
1 Piso	P44	Top	B244-Wy+ G	-19.67	0.62	2060	1648	0.01	0.03	0.17	86.44	102.59	39.87	SI
1 Piso	P44	Bottom	B244-Wy+ G	-23.07	0.62	2060	1648	0.06	0.11	0.37	63.67	97.55	38.20	SI
1 Piso	P45	Top	B241	-18.78	0.62	2050	1640	-0.47	-0.50	0.57	66.90	87.49	34.14	SI
1 Piso	P45	Bottom	B241	-24.21	0.62	2050	1640	1.33	1.18	0.66	85.27	82.21	33.16	SI
1 Piso	P45	Top	B242 Loub	-19.78	0.62	2050	1640	-0.53	-0.69	0.67	54.65	83.06	32.78	SI
1 Piso	P45	Bottom	B242 Loub	-24.69	0.62	2050	1640	1.42	1.27	0.68	55.48	82.36	33.29	SI
1 Piso	P45	Top	B243-Wx+ Loub	-17.33	0.62	2050	1640	-0.52	-0.41	0.77	51.19	78.03	30.71	SI
1 Piso	P45	Bottom	B243-Wx+ Loub	-21.85	0.62	2050	1640	1.18	1.11	0.65	55.52	83.64	33.31	SI
1 Piso	P45	Top	B243-Wx- Loub	-17.33	0.62	2050	1640	-0.52	-0.41	0.77	51.19	78.03	30.71	SI
1 Piso	P45	Bottom	B243-Wx- Loub	-21.85	0.62	2050	1640	1.18	1.11	0.65	55.52	83.64	33.31	SI
1 Piso	P45	Top	B243-Wy+ Loub	17.33	0.62	2050	1640	-0.52	-0.41	0.77	51.19	78.03	30.71	SI
1 Piso	P45	Bottom	B243-Wy+ Loub	21.85	0.62	2050	1640	1.18	1.11	0.65	55.52	83.64	33.31	SI
1 Piso	P45	Top	B243-Wy- Loub	-17.33	0.62	2050	1640	-0.52	-0.41	0.77	51.19	78.03	30.71	SI
1 Piso	P45	Bottom	B243-Wy- Loub	-21.85	0.62	2050	1640	1.18	1.11	0.65	55.52	83.64	33.31	SI
1 Piso	P45	Top	B244-Wx+ Loub	-19.16	0.62	2050	1640	-0.55	-0.46	0.75	52.36	79.30	31.42	SI
1 Piso	P45	Bottom	B244-Wx+ Loub	-23.66	0.62	2050	1640	1.34	1.23	0.67	55.71	83.10	33.43	SI
1 Piso	P45	Top	B244-Wx- Loub	-19.16	0.62	2050	1640	-0.55	-0.46	0.75	52.36	79.30	31.42	SI
1 Piso	P45	Bottom	B244-Wx- Loub	-23.66	0.62	2050	1640	1.34	1.23	0.67	55.71	83.10	33.43	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Aw (m²)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mu/(Vu*d)	Vm (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P45	Top	B244-Wy+ Loub	-20.18	0.62	2050	1640	-0.55	-0.45	0.75	52.38	79.30	31.42	SI
1 Piso	P45	Bottom	B244-Wy+ Loub	-23.85	0.62	2050	1640	1.34	1.23	0.67	55.71	83.10	33.43	SI
1 Piso	P45	Top	B244-Wy- Loub	-19.16	0.62	2050	1640	-0.55	-0.45	0.75	52.38	79.30	31.42	SI
1 Piso	P45	Bottom	B244-Wy- Loub	-23.95	0.62	2050	1640	1.34	1.23	0.67	55.71	83.10	33.43	SI
1 Piso	P45	Top	B245-Ey+	-19.33	0.62	2050	1640	-2.12	1.76	0.73	52.47	79.65	31.48	SI
1 Piso	P45	Bottom	B245-Ey+	-25.07	0.62	2050	1640	5.69	4.54	0.77	53.33	78.40	32.00	SI
1 Piso	P45	Top	B245-Ey-	18.12	0.62	2050	1640	1.19	-2.69	0.27	64.75	101.89	38.85	SI
1 Piso	P45	Bottom	B245-Ey-	-21.02	0.62	2050	1640	-3.08	-2.21	0.86	50.11	74.50	30.07	SI
1 Piso	P45	Top	B246-Wy+	-18.81	0.62	2050	1640	-0.62	-0.11	3.32	46.54	67.38	27.92	SI
1 Piso	P45	Bottom	B246-Wy+	-23.90	0.62	2050	1640	1.91	1.69	0.77	52.86	78.05	31.71	SI
1 Piso	P45	Top	B246-Ey-	-27.83	0.62	2050	1640	-0.91	-0.62	0.23	65.88	102.09	39.40	SI
1 Piso	P45	Bottom	B245-Ey-	-22.19	0.62	2050	1640	0.71	0.62	0.54	58.82	89.66	35.25	SI
1 Piso	P45	Top	B246-Wx+	-12.72	0.62	2050	1640	0.36	-0.31	0.71	51.68	80.94	31.01	SI
1 Piso	P45	Bottom	B246-Wx+	-16.20	0.62	2050	1640	0.88	0.81	0.88	53.85	83.24	32.31	SI
1 Piso	P45	Top	B246-Wx-	-12.72	0.62	2050	1640	-0.36	-0.31	0.71	51.68	80.94	31.01	SI
1 Piso	P45	Bottom	B246-Wx-	-16.20	0.62	2050	1640	0.88	0.81	0.88	53.85	83.24	32.31	SI
1 Piso	P45	Top	B246-Wy+	12.72	0.62	2050	1640	-0.36	-0.31	0.71	51.68	80.94	31.01	SI
1 Piso	P45	Bottom	B246-Wy+	16.20	0.62	2050	1640	0.88	0.81	0.88	53.85	83.24	32.31	SI
1 Piso	P45	Top	B246-Wy-	-12.72	0.62	2050	1640	-0.36	-0.31	0.71	51.68	80.94	31.01	SI
1 Piso	P45	Bottom	B246-Wy-	-16.20	0.62	2050	1640	0.88	0.81	0.88	53.85	83.24	32.31	SI
1 Piso	P45	Top	B247-Ex+	-12.16	0.62	2050	1640	-1.95	1.91	0.62	53.84	84.89	32.30	SI
1 Piso	P45	Bottom	B247-Ex+	-17.59	0.62	2050	1640	5.24	4.14	0.77	51.27	78.06	30.76	SI
1 Piso	P45	Top	B247-Ex-	11.87	0.62	2050	1640	1.35	-2.54	0.32	61.75	99.09	37.05	SI
1 Piso	P45	Bottom	B247-Ex-	13.54	0.62	2050	1640	-3.50	-2.81	0.62	48.39	75.84	29.03	SI
1 Piso	P45	Top	B247-Ey+	-12.66	0.62	2050	1640	-0.46	0.03	8.17	44.00	67.38	26.40	SI
1 Piso	P45	Bottom	B247-Ey+	-16.42	0.62	2050	1640	1.45	1.11	0.80	50.20	78.60	30.12	SI
1 Piso	P45	Top	B247-Ey-	-11.48	0.62	2050	1640	-0.75	-0.67	0.13	64.12	102.09	38.47	SI
1 Piso	P45	Bottom	B247 Ey-	-14.71	0.62	2050	1640	0.28	0.42	0.37	61.16	99.82	36.69	SI
1 Piso	P45	Top	B242 G	-20.31	0.62	2050	1640	-0.58	-0.48	0.74	52.80	79.56	31.68	SI
1 Piso	P45	Bottom	B242 G	25.21	0.62	2050	1640	1.44	1.31	0.67	55.80	82.88	33.54	SI
1 Piso	P45	Top	B243-Wx- G	-19.02	0.62	2050	1640	-0.66	0.38	1.08	45.59	67.38	27.35	SI
1 Piso	P45	Bottom	B243-Wx- G	-23.80	0.62	2050	1640	1.25	1.24	0.62	56.83	85.25	34.10	SI
1 Piso	P45	Top	B243-Wy- G	-19.02	0.62	2050	1640	-0.66	-0.38	1.08	45.59	67.38	27.35	SI
1 Piso	P45	Bottom	B243-Wy- G	-23.80	0.62	2050	1640	1.25	1.24	0.62	56.83	85.25	34.10	SI
1 Piso	P45	Top	B243-Wy+ G	-19.02	0.62	2050	1640	-0.66	-0.38	1.08	45.59	67.38	27.35	SI
1 Piso	P45	Bottom	B243-Wy+ G	-23.80	0.62	2050	1640	1.25	1.24	0.62	56.83	85.25	34.10	SI
1 Piso	P45	Top	B244-Wx- G	-19.68	0.62	2050	1640	-0.60	-0.48	0.93	50.32	75.45	30.18	SI
1 Piso	P45	Bottom	B244-Wx- G	24.46	0.62	2050	1640	1.37	1.27	0.65	56.12	83.61	33.67	SI
1 Piso	P45	Top	B244-Wx+ G	-19.68	0.62	2050	1640	-0.60	-0.44	0.83	50.32	75.45	30.18	SI
1 Piso	P45	Bottom	B244-Wx+ G	-24.46	0.62	2050	1640	1.37	1.27	0.65	56.12	83.61	33.67	SI
1 Piso	P45	Top	B244-Wy- G	-19.68	0.62	2050	1640	-0.60	-0.44	0.83	50.32	75.45	30.18	SI
1 Piso	P45	Bottom	B244-Wy- G	-24.46	0.62	2050	1640	1.37	1.27	0.65	56.12	83.61	33.67	SI
1 Piso	P45	Top	B244-Wy+ G	-19.68	0.62	2050	1640	-0.60	-0.44	0.83	50.32	75.45	30.18	SI
1 Piso	P45	Bottom	B244-Wy+ G	24.46	0.62	2050	1640	1.37	1.27	0.65	56.12	83.61	33.67	SI
1 Piso	P46	Top	B241	-7.55	0.42	1410	1128	0.87	0.09	9.52	29.87	46.34	17.98	SI
1 Piso	P46	Bottom	B241	-12.70	0.62	1410	1128	1.64	1.86	0.74	38.01	54.74	21.60	SI
1 Piso	P46	Top	B242 Loub	-7.24	0.42	1410	1128	-1.96	0.17	7.17	29.90	46.34	17.94	SI
1 Piso	P46	Bottom	B242 Loub	-11.92	0.42	1410	1128	1.79	2.29	0.69	36.64	56.20	21.88	SI
1 Piso	P48	Top	B243-Wx+ Loub	-8.80	0.42	1410	1128	-0.79	0.02	28.49	29.79	46.34	17.87	SI
1 Piso	P48	Bottom	B243-Wx+ Loub	11.42	0.42	1410	1128	1.44	1.68	0.76	35.29	54.03	21.17	SI
1 Piso	P46	Top	B243-Wx- Loub	-8.80	0.42	1410	1128	-0.79	0.02	28.49	29.79	46.34	17.87	SI
1 Piso	P46	Bottom	B243-Wx- Loub	-11.42	0.42	1410	1128	1.44	1.68	0.76	35.29	54.03	21.17	SI
1 Piso	P46	Top	B243-Wy+ Loub	-8.80	0.42	1410	1128	-0.79	0.02	28.49	29.79	46.34	17.87	SI
1 Piso	P46	Bottom	B243 Wy+ Loub	-11.42	0.42	1410	1128	1.44	1.68	0.76	35.29	54.03	21.17	SI
1 Piso	P46	Top	B243-Wy- Loub	-8.80	0.42	1410	1128	-0.79	0.02	28.49	29.79	46.34	17.87	SI
1 Piso	P46	Bottom	B243-Wy- Loub	-11.42	0.42	1410	1128	1.44	1.68	0.76	35.29	54.03	21.17	SI
1 Piso	P46	Top	B244-Wx+ Loub	-7.15	0.42	1410	1128	-1.14	0.10	9.91	29.88	46.34	17.93	SI
1 Piso	P48	Bottom	B244-Wx+ Loub	-11.86	0.42	1410	1128	1.67	2.06	0.72	36.17	55.40	21.70	SI
1 Piso	P48	Top	B244-Wx- Loub	-7.15	0.42	1410	1128	-1.14	0.10	9.91	29.88	46.34	17.93	SI
1 Piso	P48	Bottom	B244-Wx- Loub	-11.86	0.42	1410	1128	1.67	2.06	0.72	36.17	55.40	21.70	SI
1 Piso	P48	Top	B244-Wy+ Loub	-7.15	0.42	1410	1128	1.14	0.10	9.91	29.88	46.34	17.93	SI
1 Piso	P48	Bottom	B244-Wy+ Loub	11.86	0.42	1410	1128	1.67	2.06	0.72	36.17	55.40	21.70	SI
1 Piso	P48	Top	B244-Wy- Loub	-7.15	0.42	1410	1128	-1.14	0.10	9.91	29.88	46.34	17.93	SI
1 Piso	P46	Bottom	B244 Wy- Loub	-11.86	0.42	1410	1128	1.67	2.06	0.72	36.17	55.40	21.70	SI
1 Piso	P48	Top	B245-Ex+	-8.12	0.42	1410	1128	-1.94	0.10	1.56	30.12	46.34	18.07	SI
1 Piso	P48	Bottom	B245-Ex+	-13.43	0.42	1410	1128	4.92	4.60	0.95	32.41	48.06	19.45	SI
1 Piso	P46	Top	B245-Ex-	3.05	0.42	1410	1128	-0.39	0.82	0.42	40.05	64.87	24.02	SI
1 Piso	P46	Bottom	B245-Ex-	9.48	0.42	1410	1128	1.63	-0.49	3.00	30.46	46.34	18.27	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Amv (m^2)	Lw (mm)	d (mm)	M33 (ton-m)	V22 (ton)	Mua/(Vu*d)	Vns (ton)	Vn max (ton)	ΦVn (ton)	Cumple
1 Piso	P46	Top	B245-Ey+	-8.45	0.42	1410	1128	-1.07	-0.53	7.53	30.20	46.34	18.72	SI
1 Piso	P46	Bottom	B245-Ey+	-15.29	0.42	1410	1128	2.43	2.04	1.06	31.81	46.34	19.75	SI
1 Piso	P46	Top	B245-Ey-	-8.35	0.42	1410	1128	-1.20	0.41	2.73	29.42	46.34	17.85	SI
1 Piso	P46	Bottom	B245-Ey-	-7.02	0.42	1410	1128	0.88	2.08	0.36	41.59	66.06	24.95	SI
1 Piso	P46	Top	B248-Wx+	-5.03	0.42	1410	1128	-0.80	0.03	17.66	29.34	46.34	17.61	SI
1 Piso	P46	Bottom	B248-Wx+	-8.44	0.42	1410	1128	1.07	1.26	0.76	34.66	54.24	20.80	SI
1 Piso	P46	Top	B248-Wx-	-5.03	0.42	1410	1128	-0.80	0.03	17.66	29.34	46.34	17.61	SI
1 Piso	P46	Bottom	B248-Wx-	-8.44	0.42	1410	1128	1.07	1.26	0.76	34.66	54.24	20.80	SI
1 Piso	P46	Top	B248-Wy+	-5.03	0.42	1410	1128	-0.80	0.03	17.66	29.34	46.34	17.61	SI
1 Piso	P46	Bottom	B248-Wy+	-8.44	0.42	1410	1128	1.07	1.26	0.76	34.66	54.24	20.80	SI
1 Piso	P46	Top	B248-Wy-	-5.03	0.42	1410	1128	-0.80	0.03	17.66	29.34	46.34	17.61	SI
1 Piso	P46	Bottom	B248-Wy-	-8.44	0.42	1410	1128	1.07	1.26	0.76	34.66	54.24	20.80	SI
1 Piso	P46	Top	B247-Ex+	-5.07	0.42	1410	1128	-1.40	1.02	1.22	28.60	46.34	17.78	SI
1 Piso	P46	Bottom	B247-Ex+	-10.94	0.42	1410	1128	4.30	3.80	1.01	90.67	46.34	28.37	SI
1 Piso	P46	Top	B247-Ex-	-3.84	0.42	1410	1128	0.75	-0.90	0.75	43.04	70.22	25.82	SI
1 Piso	P46	Bottom	B247-Ex-	-6.18	0.42	1410	1128	-2.22	-1.28	1.54	29.63	46.34	17.76	SI
1 Piso	P46	Top	B247-Ey+	-8.40	0.42	1410	1128	-0.59	-0.21	2.23	28.88	46.34	17.81	SI
1 Piso	P46	Bottom	B247-Ey+	-31.99	0.42	1410	1128	1.84	1.24	1.31	31.08	46.34	19.65	SI
1 Piso	P46	Top	B247-Ey-	-3.30	0.42	1410	1128	-0.72	0.93	1.85	28.81	46.34	17.35	SI
1 Piso	P46	Bottom	B247-Ey-	-4.33	0.42	1410	1128	0.27	1.28	0.19	40.21	70.22	25.80	SI
1 Piso	P46	Top	B242 G	-7.35	0.42	1410	1128	-1.35	0.15	8.19	29.93	46.34	17.96	SI
1 Piso	P46	Bottom	B242 G	-12.15	0.42	1410	1128	1.81	2.29	0.70	36.57	55.96	27.94	SI
1 Piso	P46	Top	B243-Wx- G	-7.26	0.42	1410	1128	-0.74	-0.05	13.98	29.90	46.34	17.94	SI
1 Piso	P46	Bottom	B243-Wx- G	-12.16	0.42	1410	1128	1.49	1.67	0.79	34.91	53.05	20.95	SI
1 Piso	P46	Top	B243-Wy- G	-7.26	0.42	1410	1128	-0.74	-0.05	13.98	29.90	46.34	17.94	SI
1 Piso	P46	Bottom	B243-Wy- G	-12.16	0.42	1410	1128	1.49	1.67	0.79	34.91	53.05	20.95	SI
1 Piso	P46	Top	B243-Wx+ G	-7.26	0.42	1410	1128	-0.74	-0.05	13.98	29.90	46.34	17.94	SI
1 Piso	P46	Bottom	B243-Wx+ G	-12.16	0.42	1410	1128	1.49	1.67	0.79	34.91	53.05	20.95	SI
1 Piso	P46	Top	B243-Wy+ G	-7.26	0.42	1410	1128	-0.74	-0.05	13.98	29.90	46.34	17.94	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	1410	1128	1.49	1.67	0.79	34.91	53.05	20.95	SI
1 Piso	P46	Top	B244-Wx- G	-7.30	0.42	1410	1128	-1.12	0.08	12.55	29.91	46.34	17.95	SI
1 Piso	P46	Bottom	B244-Wx- G	-12.09	0.42	1410	1128	1.69	2.05	0.73	36.09	55.15	21.65	SI
1 Piso	P46	Top	B244-Wx+ G	-7.30	0.42	1410	1128	-1.12	0.08	12.55	29.91	46.34	17.95	SI
1 Piso	P46	Bottom	B244-Wx+ G	-12.09	0.42	1410	1128	1.69	2.05	0.73	36.09	55.15	21.65	SI
1 Piso	P46	Top	B244-Wy- G	-7.30	0.42	1410	1128	-1.12	0.08	12.55	29.91	46.34	17.95	SI
1 Piso	P46	Bottom	B244-Wy- G	-12.09	0.42	1410	1128	1.69	2.05	0.73	36.09	55.15	21.65	SI
1 Piso	P46	Top	B244-Wy+ G	-7.30	0.42	1410	1128	-1.12	0.08	12.55	29.91	46.34	17.95	SI
1 Piso	P46	Bottom	B244-Wy+ G	-12.09	0.42	1410	1128	1.69	2.05	0.73	36.09	55.15	21.65	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área mur (m²)	R_n	Lw (mm)	Øespesor efectivo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn. int (Ton-m)	MD (ton-m)	Cumple
2 Piso	P1	Top	B241	-1.87	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.72	SI
2 Piso	P1	Bottom	B241	-15.03	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.69	SI
2 Piso	P1	Top	B242 Lrub	-3.54	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.47	SI
2 Piso	P1	Bottom	B242 Lrub	-13.89	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.69	SI
2 Piso	P1	Top	B243-Wx+ Lrub	-4.65	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.25	SI
2 Piso	P1	Bottom	B243-Wx+ Lrub	-14.80	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.31	SI
2 Piso	P1	Top	B243-Wx- Lrub	-4.65	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.68	SI
2 Piso	P1	Bottom	B243-Wx- Lrub	-14.80	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.31	SI
2 Piso	P1	Top	B243-Wy+ Lrub	-4.66	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.68	SI
2 Piso	P1	Bottom	B243-Wy+ Lrub	-14.80	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.31	SI
2 Piso	P1	Top	B243-Wy- Lrub	-4.65	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.68	SI
2 Piso	P1	Bottom	B243-Wy- Lrub	-14.80	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.31	SI
2 Piso	P1	Top	B244-Wx+ Lrub	-4.32	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.05	SI
2 Piso	P1	Bottom	B244-Wx+ Lrub	-14.52	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.02	SI
2 Piso	P1	Top	B244-Wx- Lrub	-4.32	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.57	SI
2 Piso	P1	Bottom	B244-Wx- Lrub	-14.52	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.02	SI
2 Piso	P1	Top	B244-Wy+ Lrub	-4.32	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.57	SI
2 Piso	P1	Bottom	B244-Wy+ Lrub	-14.52	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.02	SI
2 Piso	P1	Top	B244-Wy- Lrub	-4.32	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.57	SI
2 Piso	P1	Bottom	B244-Wy- Lrub	-14.52	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	3.02	SI
2 Piso	P1	Top	B245-Ex+	-2.81	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.87	SI
2 Piso	P1	Bottom	B245-Ex+	-11.23	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.13	SI
2 Piso	P1	Top	B245-Ex-	-3.81	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.35	SI
2 Piso	P1	Bottom	B245-Ex-	-15.27	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.42	SI
2 Piso	P1	Top	B245-Ey+	-3.43	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.27	SI
2 Piso	P1	Bottom	B245-Ey+	-12.81	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.82	SI
2 Piso	P1	Top	B245-Ey-	-3.31	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.80	SI
2 Piso	P1	Bottom	B245-Ey-	-13.84	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.74	SI
2 Piso	P1	Top	B246-Wx+	-3.21	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.42	SI
2 Piso	P1	Bottom	B246-Wx+	-10.56	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.26	SI
2 Piso	P1	Top	B246-Wx-	-3.21	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.48	SI
2 Piso	P1	Bottom	B246-Wx-	-10.56	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.26	SI
2 Piso	P1	Top	B246-Wy+	-3.21	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.49	SI
2 Piso	P1	Bottom	B246-Wy+	-10.56	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.26	SI
2 Piso	P1	Top	B246-Wy-	-3.21	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.49	SI
2 Piso	P1	Bottom	B246-Wy-	-10.56	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.26	SI
2 Piso	P1	Top	B247-Ex+	-2.09	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.40	SI
2 Piso	P1	Bottom	B247-Ex+	-7.85	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.61	SI
2 Piso	P1	Top	B247-Ex-	-3.02	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.79	SI
2 Piso	P1	Bottom	B247 Ex-	-11.06	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.68	SI
2 Piso	P1	Top	B247-Ey+	-2.57	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	-0.90	SI
2 Piso	P1	Bottom	B247-Ey+	8.26	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.29	SI
2 Piso	P1	Top	B247-Ey-	-2.50	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	1.93	SI
2 Piso	P1	Bottom	B247-Ey-	-10.07	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.21	SI
2 Piso	P1	Top	B242 G	-4.17	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	-0.74	SI
2 Piso	P1	Bottom	B242 G	-14.56	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.89	SI
2 Piso	P1	Top	B243-Wx- G	-6.36	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	2.27	SI
2 Piso	P1	Bottom	B243-Wx- G	-16.95	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	4.85	SI
2 Piso	P1	Top	B243-Wy+ G	-6.36	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.79	SI
2 Piso	P1	Bottom	B243-Wy+ G	-16.95	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	4.85	SI
2 Piso	P1	Top	B243-Wy- G	-6.36	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	0.79	SI
2 Piso	P1	Bottom	B243-Wy- G	-16.95	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	4.85	SI
2 Piso	P1	Top	B244-Wx- G	-4.86	0.90	0.84	3000	300	1920	345	1920	345	2450	2450	99.29	99.29	56.08	56.08	-3.44	S

STORY	MURO	LOC.	COMB	Pu (ton)	Acero Elec (cm²)	ϕ_c	Lw (cm)	bcomp elem (mm)	As 1 (cm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MCI (ton-m)	Cumple
2 Piso	P1	Bottom	B244-Wx- G	-15.26	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.71	SI
2 Piso	P1	Top	B244-Wx+ G	-4.85	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.44	SI
2 Piso	P1	Bottom	B244-Wx- G	-15.26	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.71	SI
2 Piso	P1	Top	B244-Wx+ G	-4.85	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.44	SI
2 Piso	P1	Bottom	B244-Wx- G	-15.26	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.71	SI
2 Piso	P1	Top	B244-Wx+ G	-4.85	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.44	SI
2 Piso	P1	Bottom	B244-Wx- G	-15.26	0.90	0.94	3000	300	1920	345	1920	345	2450	2450	89.29	89.29	56.08	56.08	1.71	SI
2 Piso	P2	Top	B241	-6.18	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	155.06	155.06	89.28	89.28	2.16	SI
2 Piso	P2	Bottom	B241	-17.68	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.57	SI
2 Piso	P2	Top	B242 Lcub	-6.87	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.57	SI
2 Piso	P2	Bottom	B242 Lcub	-16.66	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.16	SI
2 Piso	P2	Top	B243-Wx+ Lcub	-6.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.57	SI
2 Piso	P2	Bottom	B243-Wx+ Lcub	-16.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.57	SI
2 Piso	P2	Top	B243-Wx- Lcub	-6.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.57	SI
2 Piso	P2	Bottom	B243-Wx- Lcub	-16.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.57	SI
2 Piso	P2	Top	B243-Wx+ Lcub	-6.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.57	SI
2 Piso	P2	Bottom	B243-Wx+ Lcub	-16.90	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.57	SI
2 Piso	P2	Top	B244-Wx- Lcub	-6.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.53	SI
2 Piso	P2	Bottom	B244-Wx- Lcub	-16.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.45	SI
2 Piso	P2	Top	B244-Wx+ Lcub	-6.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.53	SI
2 Piso	P2	Bottom	B244-Wx+ Lcub	-16.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.45	SI
2 Piso	P2	Top	B244-Wx- Lcub	-6.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.53	SI
2 Piso	P2	Bottom	B244-Wx- Lcub	-16.83	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.45	SI
2 Piso	P2	Top	B245-Ex+	-4.60	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.53	SI
2 Piso	P2	Bottom	B245-Ex+	-14.58	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.49	SI
2 Piso	P2	Top	B245-Ex-	-6.26	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.53	SI
2 Piso	P2	Bottom	B245-Ex-	-15.80	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.32	SI
2 Piso	P2	Top	B245-Ey+	-5.38	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-3.22	SI
2 Piso	P2	Bottom	B245-Ey+	-15.04	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.11	SI
2 Piso	P2	Top	B245-Ey-	-5.47	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-0.88	SI
2 Piso	P2	Bottom	B245-Ey-	-15.89	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.76	SI
2 Piso	P2	Top	B246-Wx-	-4.81	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-4.46	SI
2 Piso	P2	Bottom	B246-Wx-	-12.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.77	SI
2 Piso	P2	Top	B246-Wx+	-4.81	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.42	SI
2 Piso	P2	Bottom	B246-Wx+	-12.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.77	SI
2 Piso	P2	Top	B246-Wx+	-4.81	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.42	SI
2 Piso	P2	Bottom	B246-Wx+	-12.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.77	SI
2 Piso	P2	Top	B247-Ex+	3.15	1.30	0.84	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.42	SI
2 Piso	P2	Bottom	B247-Ex+	-10.74	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.98	SI
2 Piso	P2	Top	B247-Ex-	-4.81	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-0.33	SI
2 Piso	P2	Bottom	B247-Ex-	-11.89	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.87	SI
2 Piso	P2	Top	B247-Ey+	-2.93	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.46	SI
2 Piso	P2	Bottom	B247-Ey+	-11.20	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.80	SI
2 Piso	P2	Top	B247-Ey-	-4.02	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	0.27	SI
2 Piso	P2	Bottom	B247-Ey-	-11.54	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	1.19	SI
2 Piso	P2	Top	B242 G	-6.58	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-3.01	SI
2 Piso	P2	Bottom	B242 G	-16.39	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.40	SI
2 Piso	P2	Top	B243-Wx- G	-8.06	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-3.03	SI
2 Piso	P2	Bottom	B243-Wx- G	-19.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.76	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area inc (m²)	R_ϕ	Lw (mm)	Recubrimiento (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mdy (ton-m)	Cumple
2 Piso	P2	Top	B243-Wy- G	-9.08	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	3.96	SI
2 Piso	P2	Bottom	B243-Wy- G	-19.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.57	SI
2 Piso	P2	Top	B243-Wy+ G	-9.08	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	3.96	SI
2 Piso	P2	Bottom	B243-Wy+ G	-19.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.57	SI
2 Piso	P2	Top	B243-Wy+ G	-9.08	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	3.96	SI
2 Piso	P2	Bottom	B243-Wy+ G	-19.29	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-1.57	SI
2 Piso	P2	Top	B244-Wy- G	-7.32	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.75	SI
2 Piso	P2	Bottom	B244-Wy- G	-17.28	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.45	SI
2 Piso	P2	Top	B244-Wy+ G	-7.32	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.75	SI
2 Piso	P2	Bottom	B244-Wy+ G	-17.28	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.45	SI
2 Piso	P2	Top	B244-Wy+ G	-7.32	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	2.75	SI
2 Piso	P2	Bottom	B244-Wy+ G	-17.28	1.30	0.94	4330	300	1920	345	1920	345	3900	3900	158.06	158.06	89.28	89.28	-2.45	SI
2 Piso	P3A	Top	B241	-5.08	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	3.96	SI
2 Piso	P3A	Bottom	B241	-18.09	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.11	SI
2 Piso	P3A	Top	B242 Loub	5.68	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.15	SI
2 Piso	P3A	Bottom	B242 Loub	-16.87	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.84	SI
2 Piso	P3A	Top	B243-Wy- Loub	-5.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.43	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	-17.72	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.30	SI
2 Piso	P3A	Top	B243-Wy- Loub	-5.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.03	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	-17.73	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.30	SI
2 Piso	P3A	Top	B243-Wy- Loub	-5.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.03	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	-17.73	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.30	SI
2 Piso	P3A	Top	B243-Wy- Loub	-5.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.03	SI
2 Piso	P3A	Bottom	B243-Wy- Loub	-17.73	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.30	SI
2 Piso	P3A	Top	B244-Wy+ Loub	-6.54	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.29	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	-17.72	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-8.88	SI
2 Piso	P3A	Top	B244-Wy+ Loub	-6.54	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.29	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	-17.72	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-8.88	SI
2 Piso	P3A	Top	B244-Wy+ Loub	-6.54	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.29	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	-17.72	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-8.88	SI
2 Piso	P3A	Top	B244-Wy+ Loub	-6.54	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.29	SI
2 Piso	P3A	Bottom	B244-Wy+ Loub	-17.72	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-8.88	SI
2 Piso	P3A	Top	B245-Ey-	-4.68	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-4.89	SI
2 Piso	P3A	Bottom	B245-Ey-	-15.48	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.25	SI
2 Piso	P3A	Top	B245-Ey-	-5.82	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.86	SI
2 Piso	P3A	Bottom	B245-Ey-	-16.58	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.26	SI
2 Piso	P3A	Top	B245-Ey+	-5.08	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.01	SI
2 Piso	P3A	Bottom	B245-Ey+	-15.85	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.22	SI
2 Piso	P3A	Top	B245-Ey+	-5.42	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.03	SI
2 Piso	P3A	Bottom	B245-Ey+	-16.21	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.74	SI
2 Piso	P3A	Top	B246-Wx+	-4.78	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.02	SI
2 Piso	P3A	Bottom	B246-Wx+	-12.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.76	SI
2 Piso	P3A	Top	B246-Wx+	-4.78	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.02	SI
2 Piso	P3A	Bottom	B246-Wx+	-12.90	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.76	SI
2 Piso	P3A	Top	B246-Wy+	-4.79	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-5.02	SI
2 Piso	P3A	Bottom	B246-Wy+	-12.89	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.76	SI
2 Piso	P3A	Top	B247-Ex+	-3.53	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-3.58	SI
2 Piso	P3A	Bottom	B247-Ex+	-11.09	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.74	SI
2 Piso	P3A	Top	B247-Ex-	-4.27	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-4.35	SI
2 Piso	P3A	Bottom	B247-Ex-	-12.10	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	0.74	SI
2 Piso	P3A	Top	B247-Ey+	-3.73	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-4.35	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec. (m²)	R_x	Lw (mm)	h_{wcs} efectivo (mm)	Ae 1 (mm²)	fy 1 (Mpa)	Ae 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu3 (ton-m)	Cumple
2 Piso	P3A	Bottom	B247-Ey+	-17.42	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	2.74	SI
2 Piso	P3A	Top	B247-Ey+	-9.05	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-3.84	SI
2 Piso	P3A	Bottom	B247-Ey+	-21.68	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-1.86	SI
2 Piso	P3A	Top	B242 G	0.41	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-8.73	SI
2 Piso	P3A	Bottom	B242 G	-17.82	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.45	SI
2 Piso	P3A	Top	B243-Wx- G	-9.24	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-10.12	SI
2 Piso	P3A	Bottom	B243-Wx- G	-20.77	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.09	SI
2 Piso	P3A	Top	B243-Wy+ G	-9.24	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-10.12	SI
2 Piso	P3A	Bottom	B243-Wy+ G	-20.77	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.09	SI
2 Piso	P3A	Top	B244-Wx- G	-7.27	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.76	SI
2 Piso	P3A	Bottom	B244-Wx- G	-18.67	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.31	SI
2 Piso	P3A	Top	B244-Wy+ G	-7.27	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.76	SI
2 Piso	P3A	Bottom	B244-Wy+ G	-18.67	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.31	SI
2 Piso	P3A	Top	B244-Wx+ G	-7.27	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	-7.76	SI
2 Piso	P3A	Bottom	B244-Wx+ G	-18.67	1.10	0.94	3670	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.31	SI
2 Piso	P3B	Top	B241	-5.01	1.07	0.94	3560	300	1920	345	1920	345	3240	3240	131.31	131.31	74.17	74.17	1.91	SI
2 Piso	P3B	Bottom	B241	-17.39	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.72	SI
2 Piso	P3B	Top	B242 Lcub	-6.52	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.84	SI
2 Piso	P3B	Bottom	B242 Lcub	-18.87	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.02	SI
2 Piso	P3B	Top	B243-Wx+ Lcub	-6.73	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.40	SI
2 Piso	P3B	Bottom	B243-Wx+ Lcub	-18.84	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.01	SI
2 Piso	P3B	Top	B243-Wx- Lcub	-6.73	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.82	SI
2 Piso	P3B	Bottom	B243-Wx- Lcub	-18.84	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.01	SI
2 Piso	P3B	Top	B243-Wy+ Lcub	-6.73	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.82	SI
2 Piso	P3B	Bottom	B243-Wy+ Lcub	-18.84	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.01	SI
2 Piso	P3B	Top	B243-Wy- Lcub	-6.73	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.82	SI
2 Piso	P3B	Bottom	B243-Wy- Lcub	-18.84	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.01	SI
2 Piso	P3B	Top	B244-Wx+ Lcub	-6.37	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.82	SI
2 Piso	P3B	Bottom	B244-Wx+ Lcub	-18.78	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.72	SI
2 Piso	P3B	Top	B244-Wx- Lcub	-6.37	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.28	SI
2 Piso	P3B	Bottom	B244-Wx- Lcub	-18.78	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.72	SI
2 Piso	P3B	Top	B244-Wy+ Lcub	-6.37	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.28	SI
2 Piso	P3B	Bottom	B244-Wy+ Lcub	-18.78	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.72	SI
2 Piso	P3B	Top	B244-Wy- Lcub	-6.37	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.28	SI
2 Piso	P3B	Bottom	B244-Wy- Lcub	-18.78	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.72	SI
2 Piso	P3B	Top	B245-Ex+	-4.74	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.28	SI
2 Piso	P3B	Bottom	B245-Ex+	-14.85	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.48	SI
2 Piso	P3B	Top	B245-Ex-	-5.43	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.31	SI
2 Piso	P3B	Bottom	B245-Ex-	-15.70	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.48	SI
2 Piso	P3B	Top	B245-Ey+	-8.30	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.30	SI
2 Piso	P3B	Bottom	B245-Ey+	-18.62	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.61	SI
2 Piso	P3B	Top	B245-Ey-	-4.82	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.17	SI
2 Piso	P3B	Bottom	B245-Ey-	-15.01	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.72	SI
2 Piso	P3B	Top	B246-Wx+	-4.88	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-4.14	SI
2 Piso	P3B	Bottom	B246-Wx+	-12.19	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.46	SI
2 Piso	P3B	Top	B246-Wx-	4.55	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.33	SI
2 Piso	P3B	Bottom	B246-Wx-	-12.19	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.46	SI
2 Piso	P3B	Top	B246-Wy+	-4.68	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.33	SI
2 Piso	P3B	Bottom	B246-Wy+	-12.19	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.33	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec (m²)	R_c	Lw (mm)	Nucleo confinado (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	# 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P3B	Top	B246-Wy-	-8.68	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.45	SI
2 Piso	P3B	Bottom	B246-Wy-	-12.19	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.03	SI
2 Piso	P3B	Top	B247-Ex+	-3.48	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	2.50	SI
2 Piso	P3B	Bottom	B247-Ex+	-10.74	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.10	SI
2 Piso	P3B	Top	B247-Ex-	-4.18	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	2.92	SI
2 Piso	P3B	Bottom	B247-Ex-	-11.58	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.39	SI
2 Piso	P3B	Top	B247-Ey+	-4.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	2.66	SI
2 Piso	P3B	Bottom	B247-Ey+	-11.41	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-0.74	SI
2 Piso	P3B	Top	B247-Ey-	-3.81	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	2.78	SI
2 Piso	P3B	Bottom	B247-Ey-	-10.97	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.23	SI
2 Piso	P3B	Top	B242 G	-6.23	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.61	SI
2 Piso	P3B	Bottom	B242 G	-13.81	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.58	SI
2 Piso	P3B	Top	B243-Wy- G	-9.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.92	SI
2 Piso	P3B	Bottom	B243-Wy- G	-19.55	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.04	SI
2 Piso	P3B	Top	B243-Wy- G	-4.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.92	SI
2 Piso	P3B	Bottom	B243-Wy- G	-19.55	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.04	SI
2 Piso	P3B	Top	B243-Wx+ G	-8.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	8.92	SI
2 Piso	P3B	Bottom	B243-Wx+ G	-18.53	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.04	SI
2 Piso	P3B	Top	B243-Wy- G	-9.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	8.92	SI
2 Piso	P3B	Bottom	B243-Wy- G	-19.55	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.04	SI
2 Piso	P3B	Top	B244-Wx- G	-7.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.34	SI
2 Piso	P3B	Bottom	B244-Wx- G	-17.60	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.32	SI
2 Piso	P3B	Top	B244-Wx+ G	-7.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.34	SI
2 Piso	P3B	Bottom	B244-Wx+ G	-17.60	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.32	SI
2 Piso	P3B	Top	B244-Wy+ G	-7.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.34	SI
2 Piso	P3B	Bottom	B244-Wy+ G	-17.60	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.32	SI
2 Piso	P4	Top	B241	-6.91	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.34	SI
2 Piso	P4	Bottom	B241	-18.88	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.28	SI
2 Piso	P4	Top	B242 Loub	-6.42	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.16	SI
2 Piso	P4	Bottom	B242 Loub	-17.01	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.70	SI
2 Piso	P4	Top	B243-Wx+ Loub	-7.70	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	2.50	SI
2 Piso	P4	Bottom	B243-Wx+ Loub	-18.09	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.86	SI
2 Piso	P4	Top	B243-Wy- Loub	-7.70	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B243-Wy- Loub	-18.09	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.86	SI
2 Piso	P4	Top	B243-Wy+ Loub	-7.70	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B243-Wy+ Loub	-18.09	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.86	SI
2 Piso	P4	Top	B244-Wx+ Loub	-7.32	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.62	SI
2 Piso	P4	Bottom	B244-Wx+ Loub	-18.06	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.69	SI
2 Piso	P4	Top	B244-Wy+ Loub	-7.32	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.62	SI
2 Piso	P4	Bottom	B244-Wy+ Loub	-18.06	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.69	SI
2 Piso	P4	Top	B244-Wy- Loub	-7.32	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.62	SI
2 Piso	P4	Bottom	B244-Wy- Loub	-18.06	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.69	SI
2 Piso	P4	Top	B245-Ex+	-6.36	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.62	SI
2 Piso	P4	Bottom	B245-Ex+	-16.99	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.52	SI
2 Piso	P4	Top	B245-Ex-	-6.27	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.84	SI
2 Piso	P4	Bottom	B245-Ex-	-17.24	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.15	SI
2 Piso	P4	Top	B245 Ey+	-6.05	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	2.04	SI
2 Piso	P4	Bottom	B245-Ey+	-16.64	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.66	SI
2 Piso	P4	Top	B245-Ey-	-5.81	1.34	0.94	4460	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	2.18	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	R_n	Lw (mts)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P4	Bottom	B245-Ey-	-16.59	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-0.10	SI
2 Piso	P4	Top	B245-Wx+	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Bottom	B245-Wx-	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B245-Wx	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B245-Wy+	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B245-Wy-	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B245-Wy	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B246-Wx	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B246-Wx+	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B246-Wx-	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B246-Wy+	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B246-Wy-	-13.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B246-Wy	-5.38	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B247-Ex-	-12.14	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.88	SI
2 Piso	P4	Top	B247-Ex+	-3.82	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.47	SI
2 Piso	P4	Bottom	B247-Ex+	-11.51	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-1.75	SI
2 Piso	P4	Top	B247 Ex-	-5.07	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.71	SI
2 Piso	P4	Bottom	B247-Ey-	-12.77	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.43	SI
2 Piso	P4	Top	B247-Ey+	-4.62	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.27	SI
2 Piso	P4	Bottom	B247-Ey+	-12.16	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-1.92	SI
2 Piso	P4	Top	B247-Ey-	-4.37	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.60	SI
2 Piso	P4	Bottom	B247-Ey-	-12.11	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.38	SI
2 Piso	P4	Top	B242 G	-7.18	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-1.37	SI
2 Piso	P4	Bottom	B242 G	-18.13	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-3.66	SI
2 Piso	P4	Top	B243-Wx- G	-13.12	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	2.28	SI
2 Piso	P4	Bottom	B243-Wx- G	-20.70	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-5.30	SI
2 Piso	P4	Top	B243-Wy- G	-10.12	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-2.25	SI
2 Piso	P4	Bottom	B243-Wy- G	-20.70	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-5.30	SI
2 Piso	P4	Top	B243-Wx+ G	-10.12	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.25	SI
2 Piso	P4	Bottom	B243-Wx+ G	-20.70	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	5.30	SI
2 Piso	P4	Top	B243-Wy+ G	-10.12	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	0.25	SI
2 Piso	P4	Bottom	B243-Wy+ G	-20.70	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	5.30	SI
2 Piso	P4	Top	B244-Wx- G	-9.08	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-0.25	SI
2 Piso	P4	Bottom	B244-Wx- G	-18.87	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-4.08	SI
2 Piso	P4	Top	B244 Wx+ G	-8.08	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.39	SI
2 Piso	P4	Bottom	B244-Wx+ G	-18.87	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-4.08	SI
2 Piso	P4	Top	B244-Wy- G	-8.08	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.39	SI
2 Piso	P4	Bottom	B244-Wy- G	-18.87	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-4.08	SI
2 Piso	P4	Top	B244-Wy+ G	-8.08	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.39	SI
2 Piso	P4	Bottom	B244 Wy+ G	-18.87	1.34	0.84	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	-4.08	SI
2 Piso	P5	Top	B241	2.77	0.82	0.84	2720	300	1920	345	1920	345	4020	4020	162.92	162.92	92.02	92.02	1.39	SI
2 Piso	P5	Bottom	B241	-12.32	2.02	0.94	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.96	SI
2 Piso	P5	Top	B242 Loub	-2.95	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.72	SI
2 Piso	P5	Bottom	B242 Loub	-11.76	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	0.76	SI
2 Piso	P5	Top	B243 Wx+ Loub	-3.14	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	1.10	SI
2 Piso	P5	Bottom	B243-Wx+ Loub	-11.89	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.08	SI
2 Piso	P5	Top	B243-Wx- Loub	-3.14	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.75	SI
2 Piso	P5	Bottom	B243-Wx- Loub	-11.89	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.08	SI
2 Piso	P5	Top	B243-Wy+ Loub	-3.14	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.75	SI
2 Piso	P5	Bottom	B243-Wy+ Loub	-11.89	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.08	SI
2 Piso	P5	Top	B243-Wy- Loub	-3.14	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.75	SI
2 Piso	P5	Bottom	B243-Wy- Loub	-11.89	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.08	SI
2 Piso	P5	Top	B244-Wx+ Loub	-2.95	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.75	SI
2 Piso	P5	Bottom	B244-Wx+ Loub	-11.75	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.94	SI
2 Piso	P5	Top	B244-Wx- Loub	-2.95	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	1.01	SI
2 Piso	P5	Bottom	B244-Wx- Loub	-11.75	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.94	SI
2 Piso	P5	Top	B244-Wy+ Loub	-2.95	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.01	SI
2 Piso	P5	Bottom	B244-Wy+ Loub	-11.75	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.94	SI
2 Piso	P5	Top	B244-Wy- Loub	-2.95	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-1.01	SI
2 Piso	P5	Bottom	B244-Wy- Loub	-11.75	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	93.89	93.89	47.39	47.39	-0.94	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m^2)	R_x	Lw (mm)	Diseño muro (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mn ext (ton-m)	Mn int (ton-m)	MSS (ton-m)	Cumple
2 Piso	P5	Top	B245-Ex+	-2.01	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.50	SI
2 Piso	P5	Bottom	B245-Ex+	-8.55	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.43	SI
2 Piso	P5	Top	B245-Ex-	-2.73	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.65	SI
2 Piso	P5	Bottom	B245-Ex-	-13.32	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-3.85	SI
2 Piso	P5	Top	B245-Ey+	-2.26	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.37	SI
2 Piso	P5	Bottom	B245-Ey+	-11.70	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-2.87	SI
2 Piso	P5	Top	B245-Ey-	-2.48	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.24	SI
2 Piso	P5	Bottom	B245-Ey-	-9.87	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.48	SI
2 Piso	P5	Top	B246-Wx+	-2.15	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.56	SI
2 Piso	P5	Bottom	B246-Wx+	-8.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-3.13	SI
2 Piso	P5	Top	B246-Wx-	-2.18	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.53	SI
2 Piso	P5	Bottom	B246-Wx-	-8.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.72	SI
2 Piso	P5	Top	B246-Wy+	-2.18	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.53	SI
2 Piso	P5	Bottom	B246-Wy+	-8.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.73	SI
2 Piso	P5	Top	B246-Wy-	-2.18	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.53	SI
2 Piso	P5	Bottom	B246-Wy-	-8.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.73	SI
2 Piso	P5	Top	B247-Ex+	-1.42	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.53	SI
2 Piso	P5	Bottom	B247-Ex+	-5.73	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.66	SI
2 Piso	P5	Top	B247-Ex-	-2.16	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	0.01	SI
2 Piso	P5	Bottom	B247-Ex-	-10.20	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.50	SI
2 Piso	P5	Top	B247-Ey+	-1.85	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.63	SI
2 Piso	P5	Bottom	B247-Ey+	-6.87	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.82	SI
2 Piso	P5	Top	B247-Ey-	-1.59	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	0.20	SI
2 Piso	P5	Bottom	B247-Ey-	-7.05	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.34	SI
2 Piso	P5	Top	B242 G	-2.87	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.12	SI
2 Piso	P5	Bottom	B242 G	-11.73	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-3.89	SI
2 Piso	P5	Top	B243-Wx- G	-4.15	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.16	SI
2 Piso	P5	Bottom	B243-Wx- G	-13.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.45	SI
2 Piso	P5	Top	B243-Wy- G	-4.16	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.94	SI
2 Piso	P5	Bottom	B243-Wy- G	-13.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.45	SI
2 Piso	P5	Top	B243-Wx+ G	-4.16	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.94	SI
2 Piso	P5	Bottom	B243-Wx+ G	-13.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.45	SI
2 Piso	P5	Top	B243-Wy+ G	-4.16	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.94	SI
2 Piso	P5	Bottom	B243-Wy+ G	-13.63	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.45	SI
2 Piso	P5	Top	B244-Wx- G	-3.28	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-0.94	SI
2 Piso	P5	Bottom	B244-Wx- G	-12.30	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.07	SI
2 Piso	P5	Top	B244-Wx- G	-3.28	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.06	SI
2 Piso	P5	Bottom	B244-Wx+ G	-12.30	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.07	SI
2 Piso	P5	Top	B244-Wx+ G	-3.28	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.06	SI
2 Piso	P5	Bottom	B244-Wy+ G	-12.30	0.82	0.84	2720	300	1920	345	1920	345	2070	2070	83.89	83.89	47.39	47.39	-1.07	SI
2 Piso	P7	Top	B241	-23.84	3.50	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Bottom	B241	-64.15	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Top	B242 Loub	-21.82	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.00	SI
2 Piso	P7	Bottom	B242 Loub	-57.70	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.16	SI
2 Piso	P7	Top	B243-Wx+ Loub	-27.31	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.47	SI
2 Piso	P7	Bottom	B243-Wx+ Loub	-62.98	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.22	SI
2 Piso	P7	Top	B243-Wx- Loub	-27.31	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.81	SI
2 Piso	P7	Bottom	B243-Wx- Loub	-62.98	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.22	SI
2 Piso	P7	Top	B243-Wy+ Loub	-27.31	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.81	SI
2 Piso	P7	Bottom	B243-Wy+ Loub	-62.98	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.22	SI
2 Piso	P7	Top	B243-Wy- Loub	-27.31	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.81	SI
2 Piso	P7	Bottom	B243-Wy- Loub	-62.98	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.22	SI
2 Piso	P7	Top	B244-Wx+ Loub	-25.52	3.53	0.93	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.41	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec (m²)	R_t	Lw (cm)	Espesor elem (mm)	As 1 (cm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn sot (ton-m)	Mn Jnt (ton-m)	ΦMn sot (ton-m)	ΦMn Int (ton-m)	MSS (ton-m)	Cumple
2 Piso	P7	Bottom	B244-Wx+ Lcub	-61.58	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.10	SI
2 Piso	P7	Top	B244-Wx- Lcub	-25.52	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.41	SI
2 Piso	P7	Bottom	B244-Wx- Lcub	-61.58	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.10	SI
2 Piso	P7	Top	B244-Wy+ Lcub	-25.52	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.41	SI
2 Piso	P7	Bottom	B244-Wy+ Lcub	-61.58	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.10	SI
2 Piso	P7	Top	B244-Wy- Lcub	-25.52	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.41	SI
2 Piso	P7	Bottom	B244-Wy- Lcub	-61.58	3.69	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.10	SI
2 Piso	P7	Top	B245-Ex+	-20.10	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.17	SI
2 Piso	P7	Bottom	B245-Ex+	-54.03	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.21	SI
2 Piso	P7	Top	B245-Ex-	-20.54	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	7.77	SI
2 Piso	P7	Bottom	B245-Ex-	-57.04	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.17	SI
2 Piso	P7	Top	B245-Ey+	-20.30	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-8.98	SI
2 Piso	P7	Bottom	B245-Ey+	-55.70	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-5.08	SI
2 Piso	P7	Top	B245-Ey-	-20.31	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	48.30	SI
2 Piso	P7	Bottom	B245-Ey-	-55.36	3.53	0.53	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.00	SI
2 Piso	P7	Top	B246-Wx+	-18.95	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-49.52	SI
2 Piso	P7	Bottom	B246-Wx+	-45.45	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Top	B246-Wx-	-18.95	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.96	SI
2 Piso	P7	Bottom	B246-Wx-	-45.45	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Top	B246-Wy+	-18.95	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.96	SI
2 Piso	P7	Bottom	B246-Wy+	-45.45	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Top	B246-Wy-	-18.95	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.96	SI
2 Piso	P7	Bottom	B246-Wy-	-45.45	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.48	SI
2 Piso	P7	Top	B247-Ex+	-16.11	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	1.96	SI
2 Piso	P7	Bottom	B247-Ex+	-39.74	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	20.47	SI
2 Piso	P7	Top	B247-Ex-	-16.54	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	10.07	SI
2 Piso	P7	Bottom	B247-Ex-	-42.76	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.43	SI
2 Piso	P7	Top	B247-Ey+	-15.34	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-0.66	SI
2 Piso	P7	Bottom	B247-Ey+	-91.91	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	4.85	SI
2 Piso	P7	Top	B247-Ey-	-15.32	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	50.80	SI
2 Piso	P7	Bottom	B247-Ey-	-41.07	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.74	SI
2 Piso	P7	Top	B242 G	-24.77	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-47.22	SI
2 Piso	P7	Bottom	B242 G	-81.11	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.57	SI
2 Piso	P7	Top	B243-Wx- G	-36.72	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	2.78	SI
2 Piso	P7	Bottom	B243-Wx- G	-75.91	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-3.53	SI
2 Piso	P7	Top	B243-Wx- G	-36.72	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	0.70	SI
2 Piso	P7	Bottom	B243-Wx- G	-73.91	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-3.53	SI
2 Piso	P7	Top	B243-Wx+ G	-36.72	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	0.70	SI
2 Piso	P7	Bottom	B243-Wx+ G	-73.91	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-3.53	SI
2 Piso	P7	Top	B243-Wy- G	-36.72	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	0.70	SI
2 Piso	P7	Bottom	B243-Wy- G	-73.91	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-3.53	SI
2 Piso	P7	Top	B243-Wy+ G	-36.72	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	0.70	SI
2 Piso	P7	Bottom	B243-Wy+ G	-73.91	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-3.53	SI
2 Piso	P7	Top	B244-Wx- G	-28.46	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.56	SI
2 Piso	P7	Bottom	B244-Wx- G	-64.99	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.38	SI
2 Piso	P7	Top	B244-Wx+ G	-28.46	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.02	SI
2 Piso	P7	Bottom	B244-Wx+ G	-64.99	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.38	SI
2 Piso	P7	Top	B244-Wy- G	-28.46	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.02	SI
2 Piso	P7	Bottom	B244-Wy- G	-64.99	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.38	SI
2 Piso	P7	Top	B244-Wy+ G	-28.46	3.53	0.99	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-2.02	SI
2 Piso	P7	Bottom	B244-Wy+ G	-64.99	3.53	0.83	12590	280	1920	345	1920	345	12190	12190	494.03	494.03	276.48	276.48	-1.38	SI
2 Piso	P10	Top	B241	-6.07	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	5.98	SI
2 Piso	P10	Bottom	B241	-19.61	2.19	0.64	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	-7.30	SI
2 Piso	P10	Top	B242 Lcub	-6.34	2.19	0.04	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	4.18	SI
2 Piso	P10	Bottom	B242 Lcub	-20.15	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	-8.42	SI
2 Piso	P10	Top	B243-Wx+ Lcub	-6.34	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	4.29	SI
2 Piso	P10	Bottom	B243-Wx+ Lcub	-27.27	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	282.21	282.21	148.11	148.11	-5.65	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área muro (m²)	R_n	Lw (mm)	Presión máxima (Mpa)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mdd (ton-m)	Cumple
2 Piso	P10	Top	B243-Wx- Loub	-5.34	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.69	SI
2 Piso	P10	Bottom	B243-Wx- Loub	-27.71	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-5.69	SI
2 Piso	P10	Top	B243-Wy+ Loub	-5.34	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.69	SI
2 Piso	P10	Bottom	B243-Wy+ Loub	-27.71	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-5.69	SI
2 Piso	P10	Top	B243-Wy- Loub	-5.34	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-5.69	SI
2 Piso	P10	Bottom	B243-Wy- Loub	-27.71	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.69	SI
2 Piso	P10	Top	B244-Wx+ Loub	-6.14	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-5.69	SI
2 Piso	P10	Bottom	B244-Wx+ Loub	-27.29	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.78	SI
2 Piso	P10	Top	B244-Wx- Loub	-6.14	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-7.23	SI
2 Piso	P10	Bottom	B244-Wx- Loub	-27.29	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.76	SI
2 Piso	P10	Top	B244-Wy+ Loub	-6.14	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-7.23	SI
2 Piso	P10	Bottom	B244-Wy+ Loub	-27.29	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.75	SI
2 Piso	P10	Top	B244-Wy- Loub	-6.14	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-7.23	SI
2 Piso	P10	Bottom	B244-Wy- Loub	-27.29	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.76	SI
2 Piso	P10	Top	B245-Ex+	-5.49	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-7.23	SI
2 Piso	P10	Bottom	B245-Ex+	-31.58	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.65	SI
2 Piso	P10	Top	B245-Ex-	-4.95	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	7.45	SI
2 Piso	P10	Bottom	B245-Ex-	-19.47	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	2.79	SI
2 Piso	P10	Top	B246-Ey+	-5.94	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-22.83	SI
2 Piso	P10	Bottom	B246-Ey+	-24.47	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	1.24	SI
2 Piso	P10	Top	B246-Ey-	-5.47	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	2.96	SI
2 Piso	P10	Bottom	B246-Ey-	-25.58	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.13	SI
2 Piso	P10	Top	B246-Wx+	-4.48	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-10.26	S
2 Piso	P10	Bottom	B246-Wx+	-20.26	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	3.30	S
2 Piso	P10	Top	B246-Wx-	-4.48	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.36	SI
2 Piso	P10	Bottom	B246-Wx-	-20.26	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	3.30	SI
2 Piso	P10	Top	B246-Wy+	-4.48	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.36	SI
2 Piso	P10	Bottom	B246-Wy+	-20.26	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	3.30	SI
2 Piso	P10	Top	B246-Wy-	-4.48	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.36	SI
2 Piso	P10	Bottom	B246-Wy-	-20.26	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	3.30	SI
2 Piso	P10	Top	B247-Ex+	-4.11	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.36	SI
2 Piso	P10	Bottom	B247-Ex+	-25.09	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	3.49	SI
2 Piso	P10	Top	B247-Ex-	-3.59	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	10.44	SI
2 Piso	P10	Bottom	B247-Ex-	-12.98	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	5.51	SI
2 Piso	P10	Top	B247-Ey+	-3.57	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-18.82	SI
2 Piso	P10	Bottom	B247-Ey+	-17.98	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	0.17	SI
2 Piso	P10	Top	B247-Ey-	-4.10	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	5.97	SI
2 Piso	P10	Bottom	B247-Ey-	-20.69	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.98	SI
2 Piso	P10	Top	B242 G	-8.07	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-15.05	SI
2 Piso	P10	Bottom	B242 G	-27.15	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	4.79	SI
2 Piso	P10	Top	B243-Wx- G	-8.03	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-9.16	SI
2 Piso	P10	Bottom	B243-Wx- G	-30.90	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.79	SI
2 Piso	P10	Top	B243-Wy+ G	-8.03	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.78	SI
2 Piso	P10	Bottom	B243-Wy+ G	-30.90	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.78	SI
2 Piso	P10	Top	B243-Wx+ G	-8.03	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.78	SI
2 Piso	P10	Bottom	B243-Wx+ G	-30.90	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.79	SI
2 Piso	P10	Top	B243-Wy+ G	8.03	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.78	SI
2 Piso	P10	Bottom	B243-Wy+ G	-30.90	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.79	SI
2 Piso	P10	Top	B244-Wx- G	-8.68	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-4.78	SI
2 Piso	P10	Bottom	B244-Wx- G	-28.20	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	5.38	SI
2 Piso	P10	Top	B244-Wx+ G	-8.68	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	6.95	SI
2 Piso	P10	Bottom	B244-Wx+ G	28.20	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	5.38	SI
2 Piso	P10	Top	B244-Wy- G	8.68	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-6.95	SI
2 Piso	P10	Bottom	B244-Wy- G	-28.20	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	5.38	SI
2 Piso	P10	Top	B244-Wy+ G	-8.68	2.19	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-6.95	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (m²)	R_x	Lw (mm)	Diámetro refuerzo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MD (ton-m)	Cumple
2 Piso	P11A	Bottom	B244-Wy+ G	-28.20	2.12	0.94	7300	300	1920	345	1920	345	6470	6470	262.21	262.21	148.11	148.11	-8.96	SI
2 Piso	P11A	Top	B241	-2.52	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.47	SI
2 Piso	P11A	Bottom	B241	-15.65	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.47	SI
2 Piso	P11A	Top	B242 Loub	2.24	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.40	SI
2 Piso	P11A	Bottom	B242 Loub	-13.98	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.35	SI
2 Piso	P11A	Top	B243-Wx+ Loub	-2.59	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.95	SI
2 Piso	P11A	Bottom	B243-Wx+ Loub	-14.78	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.66	SI
2 Piso	P11A	Top	B243-Wx- Loub	-2.59	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.25	SI
2 Piso	P11A	Bottom	B243-Wx- Loub	-14.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.66	SI
2 Piso	P11A	Top	B243-Wx+ Loub	-2.59	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.25	SI
2 Piso	P11A	Bottom	B243-Wy+ Loub	-14.78	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.66	SI
2 Piso	P11A	Top	B243-Wy- Loub	-2.59	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.25	SI
2 Piso	P11A	Bottom	B243-Wy- Loub	-14.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.66	SI
2 Piso	P11A	Top	B244-Wx+ Loub	-2.47	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.25	SI
2 Piso	P11A	Bottom	B244-Wx+ Loub	-14.61	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.56	SI
2 Piso	P11A	Top	B244-Wx- Loub	-2.47	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.17	SI
2 Piso	P11A	Bottom	B244-Wy- Loub	-14.61	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.56	SI
2 Piso	P11A	Top	B244-Wy+ Loub	-2.47	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.17	SI
2 Piso	P11A	Bottom	B244-Wy+ Loub	-14.61	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.56	SI
2 Piso	P11A	Top	B244-Wy- Loub	-2.47	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.17	SI
2 Piso	P11A	Bottom	B244-Wy- Loub	-14.61	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.56	SI
2 Piso	P11A	Top	B245-Ex+	-2.30	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.17	SI
2 Piso	P11A	Bottom	B245-Ex+	-13.57	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.47	SI
2 Piso	P11A	Top	B245-Ex-	-2.09	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.08	SI
2 Piso	P11A	Bottom	B245-Ex-	-10.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.04	SI
2 Piso	P11A	Top	B245-Ey+	-2.24	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.56	SI
2 Piso	P11A	Bottom	B245-Ey+	-15.80	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	0.42	SI
2 Piso	P11A	Top	B245-Ey-	-2.05	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	10.50	SI
2 Piso	P11A	Bottom	B245-Ey-	-11.35	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	2.00	SI
2 Piso	P11A	Top	B245-Wx+	-1.85	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	-2.89	SI
2 Piso	P11A	Bottom	B245-Wx+	-10.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.76	SI
2 Piso	P11A	Top	B245-Wx-	-1.85	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.09	SI
2 Piso	P11A	Bottom	B245-Wx-	-10.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.16	SI
2 Piso	P11A	Top	B245-Wy+	-1.85	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.09	SI
2 Piso	P11A	Bottom	B245-Wy+	-10.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.16	SI
2 Piso	P11A	Top	B245-Wy-	-1.85	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.09	SI
2 Piso	P11A	Bottom	B245-Wy-	-10.78	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.16	SI
2 Piso	P11A	Top	B247-Ex+	-1.69	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.09	SI
2 Piso	P11A	Bottom	B247-Ex+	-9.99	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.16	SI
2 Piso	P11A	Top	B247-Ex-	-1.56	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.05	SI
2 Piso	P11A	Bottom	B247-Ex-	-10.27	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	0.70	SI
2 Piso	P11A	Top	B247-Ey+	-1.71	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	3.58	SI
2 Piso	P11A	Bottom	B247-Ey+	-12.99	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	0.11	SI
2 Piso	P11A	Top	B247-Ey-	-1.53	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	8.52	SI
2 Piso	P11A	Bottom	B247-Ey-	-7.84	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.78	SI
2 Piso	P11A	Top	B242 G	-2.42	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	-3.07	SI
2 Piso	P11A	Bottom	B242 G	-14.57	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.51	SI
2 Piso	P11A	Top	B243-Wx- G	-3.19	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.15	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	2.20	SI
2 Piso	P11A	Top	B243-Wy- G	-3.19	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.92	SI
2 Piso	P11A	Bottom	B243-Wy- G	-16.65	0.82	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	2.20	SI
2 Piso	P11A	Top	B243-Wx+ G	-3.19	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.92	SI
2 Piso	P11A	Bottom	B243-Wx+ G	-16.65	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	2.20	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área mur (m²)	R_s	Lw (mm)	$t_{muro\ elemento}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d1 (mm)	d 2 (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MD3 (ton-m)	Cumple
2 Piso	P11A	Top	B244-Wx- G	-2.68	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.70	SI
2 Piso	P11A	Bottom	B244-Wx- G	-15.19	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.38	SI
2 Piso	P11A	Top	B244-Wx- G	-2.68	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.73	SI
2 Piso	P11A	Bottom	B244-Wx- G	-15.19	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.38	SI
2 Piso	P11A	Top	B244-Wy- G	-2.68	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	1.73	SI
2 Piso	P11A	Bottom	B244-Wy- G	-15.19	0.92	0.94	3080	300	1920	345	1920	345	2400	2400	97.27	97.27	54.94	54.94	4.38	SI
2 Piso	P11B	Top	B241	-2.53	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.25	SI
2 Piso	P11B	Bottom	B241	-14.57	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.40	SI
2 Piso	P11B	Top	B242 Loub	-2.44	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.22	SI
2 Piso	P11B	Bottom	B242 Loub	-14.06	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.22	SI
2 Piso	P11B	Top	B243-Wx+ Loub	-2.70	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.40	SI
2 Piso	P11B	Bottom	B243-Wx+ Loub	-13.93	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.40	SI
2 Piso	P11B	Top	B243-Wx- Loub	-2.70	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.40	SI
2 Piso	P11B	Bottom	B243-Wx- Loub	-13.93	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.22	SI
2 Piso	P11B	Top	B243-Wy+ Loub	-2.70	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.22	SI
2 Piso	P11A	Bottom	B243-Wy+ Loub	-13.90	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.40	SI
2 Piso	P11B	Top	B243-Wy- Loub	-2.70	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.40	SI
2 Piso	P11B	Bottom	B243-Wy- Loub	-13.93	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.22	SI
2 Piso	P11B	Top	B244-Wx+ Loub	-2.67	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.22	SI
2 Piso	P11B	Bottom	B244-Wx+ Loub	-14.37	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.45	SI
2 Piso	P11B	Top	B244-Wx- Loub	-2.67	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.60	SI
2 Piso	P11B	Bottom	B244-Wx- Loub	-14.37	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.45	SI
2 Piso	P11B	Top	B244-Wy+ Loub	-2.67	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.85	SI
2 Piso	P11B	Bottom	B244-Wy+ Loub	-14.37	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.45	SI
2 Piso	P11B	Top	B244-Wy- Loub	-2.67	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.60	SI
2 Piso	P11B	Bottom	B244-Wy- Loub	-14.37	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.45	SI
2 Piso	P11B	Top	B245-Ex+	-2.75	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.80	SI
2 Piso	P11B	Bottom	B245-Ex+	-7.85	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.15	SI
2 Piso	P11B	Top	B245-Ex-	-2.57	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.40	SI
2 Piso	P11B	Bottom	B245-Ex-	-18.72	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.73	SI
2 Piso	P11B	Top	B245-Ey+	-2.68	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.81	SI
2 Piso	P11B	Bottom	B245-Ey+	-12.23	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	0.54	SI
2 Piso	P11B	Top	B245-Ey-	-2.44	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	2.30	SI
2 Piso	P11B	Bottom	B245-Ey-	-14.33	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.74	SI
2 Piso	P11B	Top	B246-Wx+	-1.91	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.02	SI
2 Piso	P11B	Bottom	B246-Wx+	-10.13	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.93	SI
2 Piso	P11B	Top	B246-Wx-	-1.91	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.02	SI
2 Piso	P11B	Bottom	B246-Wx-	-10.11	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.93	SI
2 Piso	P11B	Top	B246-Wy+	-1.91	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.02	SI
2 Piso	P11B	Bottom	B246-Wy+	-10.11	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.93	SI
2 Piso	P11B	Top	B246-Wy-	-1.91	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.02	SI
2 Piso	P11B	Bottom	B246-Wy-	-10.10	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.93	SI
2 Piso	P11B	Top	B247-Ex+	-1.53	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.93	SI
2 Piso	P11B	Bottom	B247-Ex+	-9.93	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	0.84	SI
2 Piso	P11B	Top	B247-Ex-	-1.73	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-0.80	SI
2 Piso	P11B	Bottom	B247-Ex-	-14.36	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	0.80	SI
2 Piso	P11B	Top	B247-Ey+	-1.45	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.12	SI
2 Piso	P11B	Bottom	B247-Ey+	-8.32	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	0.25	SI
2 Piso	P11B	Top	B247-Ey-	-1.81	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	2.98	SI
2 Piso	P11B	Bottom	B247-Ey-	-13.09	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-2.40	SI
2 Piso	P11B	Top	B242 G	-2.87	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-4.97	SI
2 Piso	P11B	Bottom	B242 G	-14.75	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.45	SI
2 Piso	P11B	Top	B243-Wx- G	-2.70	0.65	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.82	SI

ANEXO 4 DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PARALELA AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	P (Ton)	Area sup (m²)	R_s	Lw (mm)	$t_{Nuevo\ elemento}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	n 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P11B	Bottom	B243-Wx+ G	-15.90	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.13	SI
2 Piso	P11B	Top	B243-Wx+ G	-3.43	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	2.04	SI
2 Piso	P11B	Bottom	B243-Wx+ G	-15.90	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.13	SI
2 Piso	P11B	Bottom	B243-Wx+ G	-15.90	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	2.04	SI
2 Piso	P11B	Top	B243-Wx+ G	-3.43	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.13	SI
2 Piso	P11B	Bottom	B243-Wx+ G	-15.80	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	2.04	SI
2 Piso	P11B	Top	B244-Wx- G	-2.85	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.13	SI
2 Piso	P11B	Bottom	B244-Wx- G	-14.98	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.57	SI
2 Piso	P11B	Top	B244-Wx+ G	-2.89	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.03	SI
2 Piso	P11B	Bottom	B244-Wx+ G	-14.98	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.57	SI
2 Piso	P11B	Top	B244-Wx- G	-2.09	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	1.83	SI
2 Piso	P11B	Top	B244-Wx+ G	-2.95	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.57	SI
2 Piso	P11B	Bottom	B244-Wx+ G	-14.98	0.85	0.94	2160	300	1920	345	1920	345	1550	1550	62.82	62.82	35.48	35.48	-1.57	SI
2 Piso	P13	Top	B241	-24.91	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-2.96	SI
2 Piso	P13	Bottom	B241	-85.92	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-5.79	SI
2 Piso	P13	Top	B242 Loub	-22.47	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.87	SI
2 Piso	P13	Bottom	B242 Loub	-58.44	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-11.06	SI
2 Piso	P13	Top	B243-Wx+ Loub	-28.84	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.54	SI
2 Piso	P13	Bottom	B243-Wx+ Loub	-84.57	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.65	SI
2 Piso	P13	Top	B243-Wx- Loub	-28.64	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.54	SI
2 Piso	P13	Bottom	B243-Wx- Loub	-84.57	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.65	SI
2 Piso	P13	Top	B244-Wx+ Loub	-28.51	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.54	SI
2 Piso	P13	Bottom	B244-Wx+ Loub	-87.74	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.65	SI
2 Piso	P13	Top	B244-Wx- Loub	-28.51	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.98	SI
2 Piso	P13	Bottom	B244-Wx- Loub	-82.74	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.80	SI
2 Piso	P13	Top	B245-Ex+	-21.05	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.98	SI
2 Piso	P13	Bottom	B245-Ex+	-57.19	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.80	SI
2 Piso	P13	Top	B245-Ex-	-20.88	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.34	SI
2 Piso	P13	Bottom	B245-Ex-	-56.56	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-11.96	SI
2 Piso	P13	Top	B245-Ey+	-21.02	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	2.10	SI
2 Piso	P13	Bottom	B245-Ey+	-56.98	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-5.10	SI
2 Piso	P13	Top	B245-Ey-	-20.98	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.98	SI
2 Piso	P13	Bottom	B245-Ey-	-55.97	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	38.53	SI
2 Piso	P13	Top	B246-Wx+	-19.85	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	0.53	SI
2 Piso	P13	Bottom	B246-Wx+	-46.55	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-55.58	SI
2 Piso	P13	Top	B246-Wx-	-19.66	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	2.43	SI
2 Piso	P13	Bottom	B246-Wx-	-46.56	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.61	SI
2 Piso	P13	Top	B246-Wy+	-19.85	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-2.43	SI
2 Piso	P13	Bottom	B246-Wy+	-46.55	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.61	SI
2 Piso	P13	Top	B246-Wy-	-19.85	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-2.43	SI
2 Piso	P13	Bottom	B246-Wy-	-46.55	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.61	SI
2 Piso	P13	Top	B247-Ex+	-16.38	1.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-3.02	SI
2 Piso	P13	Bottom	B247-Ex+	-42.99	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-7.15	SI
2 Piso	P13	Top	B247-Ex-	-15.86	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-0.73	SI
2 Piso	P13	Bottom	B247-Ex-	-41.30	3.53	0.83	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-6.36	SI

BTORY	MURO	LOC.	COMB	Pu (ton)	Área eje (cm²)	R_g	Lw (mm)	Espesor elemento (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MD3 (ton-m)	Cumple
2 Piso	P13	Top	B247-Ey+	-16.04	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-5.65	SI
2 Piso	P13	Bottom	B247-Ey+	-42.78	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	49.33	SI
2 Piso	P13	Top	B247-Ey-	-15.59	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	1.05	SI
2 Piso	P13	Bottom	B247-Ey-	-41.51	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-50.79	SI
2 Piso	P13	Top	B242 G	-25.36	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.30	SI
2 Piso	P13	Bottom	B242 G	-49.04	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-11.77	SI
2 Piso	P13	Top	B243-Wx- G	-34.62	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.82	SI
2 Piso	P13	Bottom	B243-Wx- G	-76.08	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.80	SI
2 Piso	P13	Top	B243-Wy- G	-38.67	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.82	SI
2 Piso	P13	Bottom	B243-Wy- G	-76.08	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.80	SI
2 Piso	P13	Top	B243-Wx+ G	-38.62	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.95	SI
2 Piso	P13	Bottom	B243-Wx+ G	-76.08	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	4.93	S
2 Piso	P13	Top	B243-Wy+ G	-38.62	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-5.05	S
2 Piso	P13	Bottom	B243-Wy+ G	-76.08	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-4.92	SI
2 Piso	P13	Top	B244-Wx- G	-29.89	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.95	SI
2 Piso	P13	Bottom	B244-Wx- G	-66.34	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.41	SI
2 Piso	P13	Top	B244-Wx+ G	-29.63	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-10.62	SI
2 Piso	P13	Bottom	B244-Wx+ G	-66.34	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.41	SI
2 Piso	P13	Top	B244-Wy+ G	-29.63	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-10.62	SI
2 Piso	P13	Bottom	B244-Wy+ G	-66.34	3.53	0.93	12610	280	1920	345	1920	345	12220	12220	495.25	495.25	277.16	277.16	-8.41	SI
2 Piso	P16	Top	B241	-5.91	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.46	SI
2 Piso	P16	Bottom	B241	-15.23	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.17	SI
2 Piso	P16	Top	B242 Lcub	-4.88	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.18	SI
2 Piso	P16	Bottom	B242 Lcub	-13.97	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.04	SI
2 Piso	P16	Top	B243-Wx+ Lcub	-8.17	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.00	SI
2 Piso	P16	Bottom	B243-Wx+ Lcub	-14.84	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.29	SI
2 Piso	P16	Top	B243-Wy- Lcub	-8.17	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.00	SI
2 Piso	P16	Bottom	B243-Wy- Lcub	-14.84	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.29	SI
2 Piso	P16	Top	B243-Wy+ Lcub	-8.17	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.00	SI
2 Piso	P16	Bottom	B243-Wy+ Lcub	-14.84	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.29	SI
2 Piso	P16	Top	B244-Wx+ Lcub	-5.75	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.29	SI
2 Piso	P16	Bottom	B244 Wx+ Lcub	-14.72	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.82	SI
2 Piso	P16	Top	B244-Wx- Lcub	-5.75	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.01	SI
2 Piso	P16	Bottom	B244-Wx- Lcub	-14.72	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.80	SI
2 Piso	P16	Top	B244-Wy+ Lcub	-5.75	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.01	SI
2 Piso	P16	Bottom	B244 Wy+ Lcub	-14.72	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.80	SI
2 Piso	P16	Top	B244 Wy- Lcub	-5.75	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.01	SI
2 Piso	P16	Bottom	B244-Wy- Lcub	-14.72	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.80	SI
2 Piso	P16	Top	B245-Ex+	-5.19	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.0	SI
2 Piso	P16	Bottom	B245-Ex+	-15.57	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.26	SI
2 Piso	P16	Top	B245-Ex-	-2.92	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.46	SI
2 Piso	P16	Bottom	B245-Ex-	-11.36	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.44	SI
2 Piso	P16	Top	B245-Ey+	-6.52	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	2.27	S
2 Piso	P16	Bottom	B245-Ey+	-12.94	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.42	SI
2 Piso	P16	Top	B245-Ey-	-4.53	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	2.27	SI
2 Piso	P16	Bottom	B245-Ey-	-10.75	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.26	SI
2 Piso	P16	Top	B246 Wx+	-4.27	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	-0.48	SI
2 Piso	P16	Bottom	B246-Wx+	-10.73	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.85	SI
2 Piso	P16	Top	B246-Wx-	-4.27	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.15	S
2 Piso	P16	Bottom	B246-Wx-	-10.73	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.65	SI
2 Piso	P16	Top	B246-Wy+	-4.27	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.18	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area rec. (m²)	R_n	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn Int (ton-m)	Mdiv ext (ton-m)	Mdiv int (ton-m)	MDS (ton-m)	Cumple
2 Piso	P16	Bottom	B248-Wy+	-10.79	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.19	SI
2 Piso	P16	Top	B248-Wy-	-4.27	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.65	SI
2 Piso	P16	Bottom	B248-Wy-	-10.71	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.19	SI
2 Piso	P16	Top	B247-Ex+	-4.02	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.28	SI
2 Piso	P16	Bottom	B247-Ex+	-11.90	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.19	SI
2 Piso	P16	Top	B247-Ex-	-2.51	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	-1.28	SI
2 Piso	P16	Bottom	B247-Ex-	-7.78	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	2.48	SI
2 Piso	P16	Top	B247-Ey+	-3.41	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.47	SI
2 Piso	P16	Bottom	B247-Ey+	-9.36	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	2.47	SI
2 Piso	P16	Top	B247-Ey-	-3.42	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.47	SI
2 Piso	P16	Bottom	B247-Ey-	-10.22	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.30	SI
2 Piso	P16	Top	B242 G	-6.57	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.36	SI
2 Piso	P16	Bottom	B242 G	-17.74	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	4.78	SI
2 Piso	P16	Top	B243-Wy- G	-8.28	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.45	SI
2 Piso	P16	Bottom	B243-Wy- G	-17.30	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	7.28	SI
2 Piso	P16	Top	B243-Wy- G	-8.28	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.49	SI
2 Piso	P16	Bottom	B243-Wy- G	-17.30	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	7.28	SI
2 Piso	P16	Top	B243-Wx+ G	-8.28	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.49	SI
2 Piso	P16	Bottom	B243-Wx+ G	-17.30	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	7.28	SI
2 Piso	P16	Top	B244-Wy+ G	-8.28	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.49	SI
2 Piso	P16	Bottom	B244-Wy+ G	-17.30	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	7.28	SI
2 Piso	P16	Top	B244-Wx- G	-6.44	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	0.49	SI
2 Piso	P16	Bottom	B244-Wx- G	-15.46	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	3.55	SI
2 Piso	P16	Top	B244-Wx+ G	-8.44	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.07	SI
2 Piso	P16	Bottom	B244-Wx+ G	-15.49	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.55	SI
2 Piso	P16	Top	B244-Wy- G	-8.44	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.07	SI
2 Piso	P16	Bottom	B244-Wy- G	-15.49	0.89	0.94	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.55	SI
2 Piso	P16	Top	B244-Wy+ G	-6.44	0.89	0.84	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	1.07	SI
2 Piso	P16	Bottom	B244-Wy+ G	-15.49	0.89	0.84	2970	300	1920	345	1920	345	2420	2420	98.08	98.08	55.40	55.40	5.55	SI
2 Piso	P17	Top	B241	-5.01	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.20	SI
2 Piso	P17	Bottom	B241	-18.02	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-1.22	SI
2 Piso	P17	Top	B242 Loub	-6.56	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-1.40	SI
2 Piso	P17	Bottom	B242 Loub	-16.73	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.20	SI
2 Piso	P17	Top	B243-Wx+ Loub	0.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.88	SI
2 Piso	P17	Bottom	B243-Wx+ Loub	-17.03	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.61	SI
2 Piso	P17	Top	B243-Wx- Loub	-6.55	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-0.93	SI
2 Piso	P17	Bottom	B243-Wx- Loub	-17.02	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.61	SI
2 Piso	P17	Top	B243-Wy+ Loub	-0.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-0.93	SI
2 Piso	P17	Bottom	B243-Wy+ Loub	-17.09	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.61	SI
2 Piso	P17	Top	B243-Wy- Loub	-0.59	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-0.93	SI
2 Piso	P17	Bottom	B243-Wy- Loub	-17.03	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.61	SI
2 Piso	P17	Top	B244-Wx+ Loub	-6.27	1.33	0.84	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.93	SI
2 Piso	P17	Bottom	B244-Wx+ Loub	-16.98	1.33	0.84	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.49	SI
2 Piso	P17	Top	B244-Wx- Loub	-6.27	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.10	SI
2 Piso	P17	Bottom	B244-Wx- Loub	-16.98	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.49	SI
2 Piso	P17	Top	B244-Wy+ Loub	-6.27	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.10	SI
2 Piso	P17	Bottom	B244-Wy+ Loub	-16.98	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.49	SI
2 Piso	P17	Top	B244-Wy- Loub	-6.27	1.33	0.84	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.10	SI
2 Piso	P17	Bottom	B244-Wy- Loub	-16.98	1.33	0.84	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.49	SI
2 Piso	P17	Top	B245-Ex+	-5.80	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-2.10	SI
2 Piso	P17	Bottom	B245-Ex+	-16.03	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.19	SI
2 Piso	P17	Top	B245-Ex-	-4.73	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-3.68	SI
2 Piso	P17	Bottom	B245-Ex-	-15.61	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	0.89	SI
2 Piso	P17	Top	B245-Ey+	-5.26	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-0.86	SI
2 Piso	P17	Bottom	B245-Ey+	-15.08	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	1.06	SI
2 Piso	P17	Top	B245-Ey-	-4.73	1.33	0.94	4440	300	1920	345	1920	345	3930	3930	159.27	159.27	89.96	89.96	-0.54	SI

STORY	MURO	LOC	COMB	Pu (ton)	Área (m^2)	R_x	Lw (mm)	Espesor elemento (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M3 (ton-m)	Cumple
2 Piso	P17	Top	B245-Ex-	-5.25	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	1.06	SI
2 Piso	P17	Bottom	B245-Ex-	-13.88	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-4.05	SI
2 Piso	P17	Top	B245-Wx+	-4.57	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	1.06	SI
2 Piso	P17	Bottom	B245-Wx+	-12.42	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	-0.76	SI
2 Piso	P17	Top	B246-Wx-	-4.57	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	1.06	SI
2 Piso	P17	Bottom	B246-Wx-	-12.42	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	-0.76	SI
2 Piso	P17	Top	B246-Wx+	-4.57	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	1.06	SI
2 Piso	P17	Bottom	B246-Wx+	-12.42	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	-0.76	SI
2 Piso	P17	Top	B247-Ex+	-4.57	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	1.06	SI
2 Piso	P17	Bottom	B247-Ex+	-11.84	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	0.92	SI
2 Piso	P17	Top	B247-Ex-	-5.07	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-2.24	SI
2 Piso	P17	Bottom	B247-Ex-	-11.33	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	0.61	SI
2 Piso	P17	Top	B247-Ey+	-3.71	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	0.43	SI
2 Piso	P17	Bottom	B247-Ey+	-11.49	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	0.79	SI
2 Piso	P17	Top	B247-Ey-	-5.55	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	0.88	SI
2 Piso	P17	Bottom	B247-Ey-	-11.68	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	0.78	SI
2 Piso	P17	Top	B242 G	-5.18	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-2.69	SI
2 Piso	P17	Bottom	B242 G	-17.00	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	1.94	SI
2 Piso	P17	Top	B243-Wx- G	-8.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-2.75	SI
2 Piso	P17	Bottom	B243-Wx- G	-19.18	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	2.39	SI
2 Piso	P17	Top	B243-Wy+ G	-8.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-0.52	SI
2 Piso	P17	Bottom	B243-Wy+ G	-19.18	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	2.39	SI
2 Piso	P17	Top	B243-Wx+ G	-8.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-0.58	SI
2 Piso	P17	Bottom	B243-Wx+ G	-19.18	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	2.39	SI
2 Piso	P17	Top	B244-Wx- G	-9.63	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-0.58	SI
2 Piso	P17	Bottom	B244-Wx- G	-19.18	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	2.39	SI
2 Piso	P17	Top	B244-Wx+ G	-8.53	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-0.58	SI
2 Piso	P17	Bottom	B244-Wx+ G	-17.54	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	1.73	SI
2 Piso	P17	Top	B244-Wy- G	-6.90	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-1.98	SI
2 Piso	P17	Bottom	B244-Wy- G	-17.64	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	1.73	SI
2 Piso	P17	Top	B244-Wy+ G	-6.90	1.33	0.94	4440	300	1920	345	1920	345	3930	3900	159.27	159.27	89.95	89.95	-1.98	SI
2 Piso	P17	Bottom	B244-Wy+ G	-17.64	1.33	0.94	4440	300	1920	345	1920	345	3900	3930	159.27	159.27	89.95	89.95	1.73	SI
2 Piso	P19	Top	B241	-5.69	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-0.76	SI
2 Piso	P19	Bottom	B241	-17.75	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.38	SI
2 Piso	P19	Top	B242 Loub	-5.34	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	3.58	SI
2 Piso	P19	Bottom	B242 Loub	-16.66	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.81	SI
2 Piso	P19	Top	B243-Wx+ Loub	-5.47	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.31	SI
2 Piso	P19	Bottom	B243-Wx+ Loub	-17.29	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.40	SI
2 Piso	P19	Top	B243-Wx- Loub	-5.47	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.31	SI
2 Piso	P19	Bottom	B243-Wx- Loub	-17.29	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.40	SI
2 Piso	P19	Top	B243-Wy+ Loub	-5.47	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.31	SI
2 Piso	P19	Bottom	B243-Wy+ Loub	-17.29	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.40	SI
2 Piso	P19	Top	B243-Wy- Loub	-5.47	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.31	SI
2 Piso	P19	Bottom	B243-Wy- Loub	-17.29	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.40	SI
2 Piso	P19	Top	B244-Wx+ Loub	-5.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.10	SI
2 Piso	P19	Bottom	B244-Wx+ Loub	-17.52	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.71	SI
2 Piso	P19	Top	B244-Wx- Loub	-5.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.10	SI
2 Piso	P19	Bottom	B244-Wx- Loub	-17.52	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.71	SI
2 Piso	P19	Top	B244-Wy+ Loub	-5.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.10	SI
2 Piso	P19	Bottom	B244-Wy+ Loub	-17.52	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.71	SI

ANEXO 4 DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PARALELA AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	Pu (ton)	Área inc. (cm²)	R_i	Lute (cm)	$b_{efectivo}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P18	Bottom	B244-Wy+ Lcub	-17.52	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.71	SI
2 Piso	P18	Top	B245-Ex+	-5.18	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-3.38	SI
2 Piso	P19	Bottom	B245-Ex+	-18.36	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.57	SI
2 Piso	P19	Top	B245-Ex-	-4.09	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.17	SI
2 Piso	P19	Bottom	B245-Ex-	-15.62	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.51	SI
2 Piso	P19	Top	B245-Ey+	-4.85	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-3.57	SI
2 Piso	P19	Bottom	B245-Ey+	-15.67	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	9.48	SI
2 Piso	P19	Bottom	B245-Ey-	-16.37	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.97	SI
2 Piso	P19	Top	B245-Wx+	-4.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-0.38	SI
2 Piso	P18	Bottom	B245-Wx+	-12.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.98	SI
2 Piso	P19	Top	B245-Wx-	-4.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.00	SI
2 Piso	P18	Bottom	B245-Wx-	-12.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	2.98	SI
2 Piso	P19	Top	B246-Wy+	-4.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-1.00	SI
2 Piso	P19	Bottom	B246-Wy+	-12.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.98	SI
2 Piso	P19	Top	B246-Wy-	-4.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.00	SI
2 Piso	P18	Bottom	B246-Wy-	-12.50	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	2.98	SI
2 Piso	P19	Top	B247-Ex+	-3.90	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.00	SI
2 Piso	P19	Bottom	B247-Ex+	-11.83	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	2.62	SI
2 Piso	P18	Top	B247-Ex-	-5.47	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	0.99	SI
2 Piso	P19	Bottom	B247-Ex-	-10.99	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.90	SI
2 Piso	P19	Top	B247-Ey+	-3.38	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	0.88	SI
2 Piso	P19	Bottom	B247-Ey+	-11.08	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.71	SI
2 Piso	P19	Top	B247-Ey-	-3.94	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	2.81	SI
2 Piso	P19	Bottom	B247-Ey-	-11.74	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-2.11	SI
2 Piso	P19	Top	B242 G	-6.02	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-1.04	SI
2 Piso	P19	Bottom	B242 G	-17.76	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-5.08	SI
2 Piso	P19	Top	B243-Wx- G	-9.85	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.80	SI
2 Piso	P19	Bottom	B243-Wx- G	-20.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-5.81	SI
2 Piso	P19	Top	B243-Wy G	-8.85	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.70	SI
2 Piso	P19	Bottom	B243-Wy G	-20.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-5.81	SI
2 Piso	P19	Top	B243-Wx+ G	-8.85	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.70	SI
2 Piso	P19	Bottom	B243-Wx+ G	-20.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-5.81	SI
2 Piso	P19	Top	B243-Wy G	-8.85	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.70	SI
2 Piso	P19	Bottom	B243-Wy G	-20.14	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-5.81	SI
2 Piso	P19	Top	B244 Wx- G	-6.82	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.70	SI
2 Piso	P19	Bottom	B244-Wx- G	-18.40	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.57	SI
2 Piso	P19	Top	B244-Wx+ G	-6.82	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.80	SI
2 Piso	P19	Bottom	B244-Wx+ G	-18.40	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.57	SI
2 Piso	P19	Top	B244-Wy G	-6.82	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.80	SI
2 Piso	P19	Bottom	B244-Wy G	-18.40	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.57	SI
2 Piso	P19	Top	B244-Wy- G	-6.82	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	1.80	SI
2 Piso	P19	Bottom	B244-Wy- G	-18.40	1.06	0.94	3540	300	1920	345	1920	345	3120	3120	126.45	126.45	71.42	71.42	-4.57	SI
2 Piso	P20	Top	B241	-5.91	1.07	0.94	3520	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	1.80	SI
2 Piso	P20	Bottom	B241	-17.32	1.07	0.94	3500	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.71	SI
2 Piso	P20	Top	B242 Lcub	-5.61	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.72	SI
2 Piso	P20	Bottom	B242 Lcub	-16.26	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.49	SI
2 Piso	P20	Top	B243-Wx+ Lcub	6.79	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.80	SI
2 Piso	P20	Bottom	B243-Wx+ Lcub	-16.90	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.78	SI
2 Piso	P20	Top	B243-Wx- Lcub	-6.79	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.51	SI
2 Piso	P20	Bottom	B243-Wx- Lcub	-16.90	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.79	SI
2 Piso	P20	Top	B243-Wy+ Lcub	-6.79	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.51	SI
2 Piso	P20	Bottom	B243-Wy+ Lcub	-16.90	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.79	SI

STORY	MURO	LOC	COMB	Pu (ton)	Area sec. (m²)	R_u	Lw (mm)	Espesor elemento (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MCy (ton-m)	Cumple
2 Piso	P20	Top	B244-Wx+ Loub	-6.45	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-6.43	SI
2 Piso	P20	Bottom	B244-Wx+ Loub	-18.98	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.20	SI
2 Piso	P20	Top	B244-Wx- Loub	-6.45	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.43	SI
2 Piso	P20	Bottom	B244-Wx- Loub	10.98	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.20	SI
2 Piso	P20	Top	B244-Wy+ Loub	-6.45	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.43	SI
2 Piso	P20	Bottom	B244-Wy+ Loub	-18.98	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.20	SI
2 Piso	P20	Top	B244-Wy- Loub	-6.45	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.43	SI
2 Piso	P20	Bottom	B244-Wy- Loub	-18.98	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.20	SI
2 Piso	P20	Top	B245-Ex+	-5.04	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.27	SI
2 Piso	P20	Bottom	B245-Ex+	-15.92	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.25	SI
2 Piso	P20	Top	B245 Ex-	-4.83	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Bottom	B245-Ex-	-15.06	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.39	SI
2 Piso	P20	Top	B245-Ey+	-5.35	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.88	SI
2 Piso	P20	Bottom	B245-Ey+	-16.68	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	0.17	SI
2 Piso	P20	Top	B245-Ey-	-5.02	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	5.09	SI
2 Piso	P20	Bottom	B245-Ey-	-15.25	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-4.57	SI
2 Piso	P20	Top	B246 Wx+	-4.72	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Bottom	B246-Wx+	-12.20	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Top	B246-Wx-	-4.72	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.12	SI
2 Piso	P20	Bottom	B246-Wx-	-12.20	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Top	B246-Wy+	-4.72	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	1.12	SI
2 Piso	P20	Bottom	B246-Wy+	-12.20	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Top	B246-Wy-	-4.72	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.12	SI
2 Piso	P20	Bottom	B246-Wy-	-12.20	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	4.67	SI
2 Piso	P20	Top	B247-Ex+	-4.18	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.95	SI
2 Piso	P20	Bottom	B247-Ex+	-11.59	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.15	SI
2 Piso	P20	Top	B247-Ex-	-5.48	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.95	SI
2 Piso	P20	Bottom	B247-Ex-	-10.77	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.09	SI
2 Piso	P20	Top	B247-Ey+	-4.00	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	0.57	SI
2 Piso	P20	Bottom	B247-Ey+	-11.38	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	0.88	SI
2 Piso	P20	Top	B247-Ey-	-3.67	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	3.76	SI
2 Piso	P20	Bottom	B247-Ey-	-10.68	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-3.10	SI
2 Piso	P20	Top	B248 G	-6.53	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	6.30	SI
2 Piso	P20	Bottom	B248 G	-17.19	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.01	SI
2 Piso	P20	Top	B243-Wx- G	-9.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	9.39	SI
2 Piso	P20	Bottom	B243-Wx- G	-19.03	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.56	SI
2 Piso	P20	Top	B243-Wy- G	-9.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	9.39	SI
2 Piso	P20	Bottom	B243-Wy- G	-19.69	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.56	SI
2 Piso	P20	Top	B243-Wx+ G	-9.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	9.39	SI
2 Piso	P20	Bottom	B243-Wx+ G	-19.69	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.56	SI
2 Piso	P20	Top	B243-Wy+ G	-6.08	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	9.39	SI
2 Piso	P20	Bottom	B243-Wy+ G	10.63	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-1.56	SI
2 Piso	P20	Top	B244-Wx+ G	-7.17	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	7.24	SI
2 Piso	P20	Bottom	B244 Wx+ G	-17.83	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.21	SI
2 Piso	P20	Top	B244-Wx- G	-7.17	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	7.24	SI
2 Piso	P20	Bottom	B244-Wx- G	-17.83	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.21	SI
2 Piso	P20	Top	B244-Wy+ G	-7.17	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	7.24	SI
2 Piso	P20	Bottom	B244-Wy+ G	-17.83	1.07	0.94	3560	300	1920	345	1920	345	3160	3160	128.07	128.07	72.34	72.34	-2.21	SI
2 Piso	P21	Top	B241	-6.91	1.37	0.84	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.10	SI
2 Piso	P21	Bottom	B241	-18.93	1.37	0.84	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.90	SI
2 Piso	P21	Top	B247 Loub	-6.44	1.37	0.84	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.93	SI
2 Piso	P21	Bottom	B247 Loub	-17.87	1.37	0.84	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.90	SI
2 Piso	P21	Top	B243-Wx+ Loub	-7.85	1.37	0.84	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.64	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área eje (m²)	R_w	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P21	Bottom	B243-Wx+ Loub	-18.09	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.26	SI
2 Piso	P21	Top	B243-Wx- Loub	-7.65	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.64	SI
2 Piso	P21	Bottom	B243-Wx- Loub	-18.09	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.26	SI
2 Piso	P21	Top	B243-Wy+ Loub	-7.65	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.64	SI
2 Piso	P21	Bottom	B243-Wy+ Loub	-18.09	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.26	SI
2 Piso	P21	Top	B243-Wy- Loub	-7.65	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.64	SI
2 Piso	P21	Bottom	B243-Wy- Loub	-18.09	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.26	SI
2 Piso	P21	Top	B244-Wx+ Loub	-7.31	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.43	SI
2 Piso	P21	Bottom	B244-Wx+ Loub	-18.27	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.87	SI
2 Piso	P21	Top	B244-Wx- Loub	-7.31	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.43	SI
2 Piso	P21	Bottom	B244-Wx- Loub	-18.27	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.87	SI
2 Piso	P21	Top	B244-Wy+ Loub	-7.31	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.43	SI
2 Piso	P21	Bottom	B244-Wy+ Loub	-18.27	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.87	SI
2 Piso	P21	Top	B244-Wy- Loub	-7.31	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.43	SI
2 Piso	P21	Bottom	B244-Wy- Loub	-18.27	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.87	SI
2 Piso	P21	Top	B245-Ex+	-8.51	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-1.91	SI
2 Piso	P21	Bottom	B245-Ex+	-17.50	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.31	SI
2 Piso	P21	Top	B245-Ex-	-8.51	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.57	SI
2 Piso	P21	Bottom	B245-Ex-	-17.50	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	2.30	SI
2 Piso	P21	Top	B245-Ey+	-8.96	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.50	SI
2 Piso	P21	Bottom	B245-Ey+	-16.77	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	4.65	SI
2 Piso	P21	Top	B245-Ey-	-8.05	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.88	SI
2 Piso	P21	Bottom	B245-Ey-	-16.95	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	4.13	SI
2 Piso	P21	Top	B246-Wx+	-5.35	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.51	SI
2 Piso	P21	Bottom	B246-Wx+	-13.15	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.31	SI
2 Piso	P21	Top	B246-Wx-	-5.35	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.51	SI
2 Piso	P21	Bottom	B246-Wx-	-13.15	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.31	SI
2 Piso	P21	Top	B246-Wy+	-5.35	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.51	SI
2 Piso	P21	Bottom	B246-Wy+	-13.15	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.31	SI
2 Piso	P21	Top	B246-Wy-	-5.35	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.51	SI
2 Piso	P21	Bottom	B246-Wy-	-13.15	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.31	SI
2 Piso	P21	Top	B247-Ex+	-5.05	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.92	SI
2 Piso	P21	Bottom	B247-Ex+	-12.36	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.54	SI
2 Piso	P21	Top	B247-Ex-	-3.65	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-1.67	SI
2 Piso	P21	Bottom	B247-Ex-	-11.54	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	0.62	SI
2 Piso	P21	Top	B247-Ey+	-4.43	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-1.81	SI
2 Piso	P21	Bottom	B247-Ey+	-12.08	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	2.07	SI
2 Piso	P21	Top	B247-Ey-	-4.45	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-2.18	SI
2 Piso	P21	Bottom	B247-Ey-	-12.28	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-1.85	SI
2 Piso	P21	Top	B247 G	-7.18	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-0.36	SI
2 Piso	P21	Bottom	B247 G	-19.47	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	2.81	SI
2 Piso	P21	Top	B243-Wx- G	-19.02	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-4.98	SI
2 Piso	P21	Bottom	B243-Wx- G	-20.83	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-0.45	SI
2 Piso	P21	Top	B243-Wy- G	-19.02	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-4.98	SI
2 Piso	P21	Bottom	B243-Wy- G	-20.83	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-0.45	SI
2 Piso	P21	Top	B243-Wy+ G	-19.02	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-4.98	SI
2 Piso	P21	Bottom	B243-Wy+ G	-20.83	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-0.45	SI
2 Piso	P21	Top	B244-Wx- G	-8.05	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.65	SI
2 Piso	P21	Bottom	B244-Wx- G	-19.37	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.85	SI
2 Piso	P21	Top	B244-Wx+ G	-8.05	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.65	SI
2 Piso	P21	Bottom	B244-Wx+ G	-19.37	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.85	SI
2 Piso	P21	Top	B244-Wy- G	-8.05	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	1.65	SI
2 Piso	P21	Bottom	B244-Wy- G	-19.37	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.85	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area vac. (cm²)	R_v	Lw (mm)	Espesor alma (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	M3 (Ton-m)	Cumple
2 Piso	P21	Top	B246-Wy- G	-8.05	1.37	0.94	4540	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-3.85	SI
2 Piso	P21	Bottom	B244-Wy+ G	-19.07	1.37	0.94	4570	300	1920	345	1920	345	4160	4160	168.59	168.59	95.23	95.23	-7.66	SI
2 Piso	P22	Top	B241	-3.04	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.42	SI
2 Piso	P22	Bottom	B241	-11.61	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.37	SI
2 Piso	P22	Top	B242 Loub	-2.20	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.25	SI
2 Piso	P22	Bottom	B242 Loub	-10.56	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-4.58	SI
2 Piso	P22	Top	B243-Wx+ Loub	-3.50	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.69	SI
2 Piso	P22	Bottom	B243-Wx+ Loub	-11.30	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.11	SI
2 Piso	P22	Top	B243-Wx- Loub	-3.50	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.69	SI
2 Piso	P22	Bottom	B243-Wx- Loub	-11.30	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.11	SI
2 Piso	P22	Top	B243-Wy+ Loub	-3.50	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.69	SI
2 Piso	P22	Bottom	B243-Wy+ Loub	-11.30	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.11	SI
2 Piso	P22	Top	B243-Wy- Loub	-3.50	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.69	SI
2 Piso	P22	Bottom	B243-Wy- Loub	-11.30	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.11	SI
2 Piso	P22	Top	B244-Wx+ Loub	-3.27	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Bottom	B244-Wx+ Loub	-11.12	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.03	SI
2 Piso	P22	Top	B244-Wx- Loub	-3.27	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Bottom	B244-Wx- Loub	-11.12	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.03	SI
2 Piso	P22	Top	B244-Wy+ Loub	-3.27	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Bottom	B244-Wy+ Loub	-11.12	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.03	SI
2 Piso	P22	Top	B244-Wy- Loub	-3.27	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Bottom	B244-Wy- Loub	-11.12	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.03	SI
2 Piso	P22	Top	B245-Ex+	2.69	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	1.22	SI
2 Piso	P22	Bottom	B245-Ex+	-12.33	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.58	SI
2 Piso	P22	Top	B245 Ex-	-2.91	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.32	SI
2 Piso	P22	Bottom	B245-Ex-	-8.13	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.68	SI
2 Piso	P22	Top	B245-Ey+	-7.90	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.58	SI
2 Piso	P22	Bottom	B245-Ey+	-11.23	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.08	SI
2 Piso	P22	Top	B245-Ey-	-2.70	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.22	SI
2 Piso	P22	Bottom	B245-Ey-	-9.23	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-4.18	SI
2 Piso	P22	Top	B246 Wx+	-2.42	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.10	SI
2 Piso	P22	Bottom	B246-Wx+	-8.21	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.72	SI
2 Piso	P22	Top	B246-Wx-	-2.42	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.10	SI
2 Piso	P22	Bottom	B246-Wx-	-8.21	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.72	SI
2 Piso	P22	Top	B246-Wy+	-2.42	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.10	SI
2 Piso	P22	Bottom	B246-Wy+	-8.21	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.72	SI
2 Piso	P22	Top	B246-Wy-	-2.42	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.10	SI
2 Piso	P22	Bottom	B246-Wy-	-8.21	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.72	SI
2 Piso	P22	Top	B247-Ex+	-2.25	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.02	SI
2 Piso	P22	Bottom	B247-Ex+	-9.88	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-4.48	SI
2 Piso	P22	Top	B247-Ex-	-3.68	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.67	SI
2 Piso	P22	Bottom	B247-Ex-	-5.50	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-2.49	SI
2 Piso	P22	Top	B247-Ey+	-1.85	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-0.84	SI
2 Piso	P22	Bottom	B247-Ey+	-8.58	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-3.89	SI
2 Piso	P22	Top	B247 Ey-	-2.08	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-0.94	SI
2 Piso	P22	Bottom	B247-Ey-	-6.59	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-2.99	SI
2 Piso	P22	Top	B242 C	-3.16	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.43	SI
2 Piso	P22	Bottom	B242 C	-11.06	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.02	SI
2 Piso	P22	Top	B243-Wx- G	4.71	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	2.14	SI
2 Piso	P22	Bottom	B243-Wx- G	-12.90	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.85	SI
2 Piso	P22	Top	B243-Wy- G	-4.71	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-2.14	SI
2 Piso	P22	Bottom	B243-Wy- G	-12.90	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.85	SI
2 Piso	P22	Top	B243-Wx+ G	-4.71	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-2.14	SI
2 Piso	P22	Bottom	B243-Wx+ G	-12.90	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-5.85	SI
2 Piso	P22	Top	B243-Wy+ G	-4.71	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-2.14	SI

STORY	MURO	LOC.	DCR/SB	Pu (ton)	Área elec. (m²)	R_o	Lw (mm)	$t_{muro\ efectivo}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MSS (ton-m)	Cumple
2 Piso	P22	Bottom	B243-Wy+ G	-12.80	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.97	SI
2 Piso	P22	Top	B244-Wy- G	-3.65	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.79	SI
2 Piso	P22	Bottom	B244-Wy- G	-11.62	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Top	B244-Wy+ G	-3.65	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.73	SI
2 Piso	P22	Bottom	B244-Wy+ G	-11.62	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Top	B244-Wy- G	-3.65	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.79	SI
2 Piso	P22	Bottom	B244-Wy- G	-11.62	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P22	Top	B244-Wy+ G	-3.65	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.73	SI
2 Piso	P22	Bottom	B244-Wy+ G	-11.62	0.79	0.94	2630	300	1920	345	1920	345	2090	2090	84.70	84.70	47.84	47.84	-1.53	SI
2 Piso	P23	Top	B241	-1.87	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.25	SI
2 Piso	P23	Bottom	B241	-8.51	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.52	SI
2 Piso	P23	Top	B242 Loub	-1.75	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.25	SI
2 Piso	P23	Bottom	B242 Loub	-8.02	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.47	SI
2 Piso	P23	Top	B243-Wy+ Loub	-2.08	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.41	SI
2 Piso	P23	Bottom	B243-Wy+ Loub	-6.46	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.28	SI
2 Piso	P23	Top	B243-Wy- Loub	-2.08	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.41	SI
2 Piso	P23	Bottom	B243-Wy- Loub	-6.46	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.28	SI
2 Piso	P23	Top	B248-Wy- Loub	-2.08	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.41	SI
2 Piso	P23	Bottom	B248-Wy- Loub	-5.46	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.28	SI
2 Piso	P23	Top	B244-Wy+ Loub	-1.97	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.39	SI
2 Piso	P23	Bottom	B244-Wy+ Loub	-5.77	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.29	SI
2 Piso	P23	Top	B244-Wy- Loub	-1.97	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.39	SI
2 Piso	P23	Bottom	B244-Wy- Loub	-5.77	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.29	SI
2 Piso	P23	Top	B244-Wy+ Loub	-1.97	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.39	SI
2 Piso	P23	Bottom	B244-Wy+ Loub	-5.77	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.29	SI
2 Piso	P23	Top	B244-Wy- Loub	-1.97	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.39	SI
2 Piso	P23	Bottom	B244-Wy- Loub	-5.77	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.29	SI
2 Piso	P23	Top	B245-Ex+	-1.56	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.38	SI
2 Piso	P23	Bottom	B245-Ex+	-5.13	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.14	SI
2 Piso	P23	Top	B245-Ex-	-1.65	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.20	SI
2 Piso	P23	Bottom	B245-Ex-	-5.07	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.44	SI
2 Piso	P23	Top	B245-Ey+	-1.21	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.04	SI
2 Piso	P23	Bottom	B245-Ey+	-3.01	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.47	SI
2 Piso	P23	Top	B245-Ey-	-2.00	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.38	SI
2 Piso	P23	Bottom	B245-Ey-	-6.00	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.76	SI
2 Piso	P23	Top	B246-Wx+	-1.45	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.26	SI
2 Piso	P23	Bottom	B246-Wx+	-4.65	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.68	SI
2 Piso	P23	Top	B246-Wx-	-1.45	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.26	SI
2 Piso	P23	Bottom	B246-Wx-	-4.65	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.68	SI
2 Piso	P23	Top	B246-Wy+	-1.45	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.26	SI
2 Piso	P23	Bottom	B246-Wy+	-4.65	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.68	SI
2 Piso	P23	Top	B246-Wy-	-1.45	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.26	SI
2 Piso	P23	Bottom	B246-Wy-	-4.65	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.68	SI
2 Piso	P23	Top	B247-Ex+	-1.10	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.17	SI
2 Piso	P23	Bottom	B247-Ex+	-4.22	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.23	SI
2 Piso	P23	Top	B247-Ex-	-1.24	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.15	SI
2 Piso	P23	Bottom	B247-Ex-	-4.16	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-3.47	SI
2 Piso	P23	Top	B247-Ey+	-2.60	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.01	SI
2 Piso	P23	Bottom	B247-Ey+	-2.39	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.65	SI
2 Piso	P23	Top	B247-Ey-	-1.60	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.31	SI
2 Piso	P23	Bottom	B247-Ey-	-5.56	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-1.79	SI
2 Piso	P23	Top	B242 G	-1.92	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.33	SI
2 Piso	P23	Bottom	B242 G	-8.39	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-4.52	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Ag (m²)	R_{α}	Lw (mts)	h (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	ΦMn (ton-m)	Cumple
2 Piso	P23	Top	B243-Wx- G	-2.73	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	0.08	SI
2 Piso	P23	Bottom	B243-Wx- G	-7.66	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.43	SI
2 Piso	P23	Top	B243-Wy- G	-2.73	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.68	SI
2 Piso	P23	Bottom	B243-Wy- G	-7.66	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.43	SI
2 Piso	P23	Top	B243-Wx- G	-2.73	0.44	0.84	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.68	SI
2 Piso	P23	Bottom	B243-Wx- G	-7.66	0.44	0.84	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.43	SI
2 Piso	P23	Top	B243-Wy- G	-2.73	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.68	SI
2 Piso	P23	Bottom	B243-Wy- G	-7.66	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-2.43	SI
2 Piso	P23	Top	B244-Wx- G	-2.17	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.44	SI
2 Piso	P23	Bottom	B244-Wx- G	-6.14	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-3.73	SI
2 Piso	P23	Top	B244-Wx+ G	-2.17	0.44	0.84	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.44	SI
2 Piso	P23	Bottom	B244-Wx+ G	-6.14	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-3.73	SI
2 Piso	P23	Top	B244-Wy- G	-2.17	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.44	SI
2 Piso	P23	Bottom	B244-Wy- G	-6.14	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-3.73	SI
2 Piso	P23	Top	B244-Wy+ G	-2.17	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-0.44	SI
2 Piso	P23	Bottom	B244-Wy+ G	-6.14	0.44	0.94	1480	300	1920	345	1920	345	930	930	37.69	37.69	21.29	21.29	-3.73	SI
2 Piso	P24	Top	B241	-8.75	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.06	SI
2 Piso	P24	Bottom	B241	-18.74	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.40	SI
2 Piso	P24	Top	B242 Loub	-8.76	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.07	SI
2 Piso	P24	Bottom	B242 Loub	-18.31	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	1.83	SI
2 Piso	P24	Top	B243-Wx+ Loub	-8.79	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.51	SI
2 Piso	P24	Bottom	B243-Wx+ Loub	-16.26	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.52	SI
2 Piso	P24	Top	B243-Wx- Loub	-8.79	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.51	SI
2 Piso	P24	Bottom	B243-Wx- Loub	-16.26	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.52	SI
2 Piso	P24	Top	B243-Wy+ Loub	-8.79	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	1.51	SI
2 Piso	P24	Bottom	B243-Wy+ Loub	-16.26	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.52	SI
2 Piso	P24	Top	B243-Wy- Loub	-8.79	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.51	SI
2 Piso	P24	Bottom	B243-Wy- Loub	-16.26	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.52	SI
2 Piso	P24	Top	B244-Wx+ Loub	-8.51	1.01	0.84	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.37	SI
2 Piso	P24	Bottom	B244-Wx+ Loub	-15.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.09	SI
2 Piso	P24	Top	B244-Wx- Loub	-8.51	1.01	0.84	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.37	SI
2 Piso	P24	Bottom	B244-Wx- Loub	-15.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.09	SI
2 Piso	P24	Top	B244-Wy+ Loub	-8.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.37	SI
2 Piso	P24	Bottom	B244-Wy+ Loub	-15.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.09	SI
2 Piso	P24	Top	B244-Wy- Loub	-8.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.37	SI
2 Piso	P24	Bottom	B244-Wy- Loub	-15.51	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.09	SI
2 Piso	P24	Top	B245-Ex+	-5.34	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.06	SI
2 Piso	P24	Bottom	B245-Ex+	-11.92	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.69	SI
2 Piso	P24	Top	B245-Ex-	-5.34	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.81	SI
2 Piso	P24	Bottom	B245-Ex-	-10.16	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.87	SI
2 Piso	P24	Top	B245-Ey+	-4.90	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.62	SI
2 Piso	P24	Bottom	B245-Ey+	-13.37	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.62	SI
2 Piso	P24	Top	B245-Ey-	-5.77	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.98	SI
2 Piso	P24	Bottom	B245-Ey-	-14.72	1.01	0.84	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	0.26	SI
2 Piso	P24	Top	B246-Wx+	-4.75	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.00	SI
2 Piso	P24	Bottom	B246-Wx+	-11.78	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.79	SI
2 Piso	P24	Top	B246-Wx-	-4.75	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.00	SI
2 Piso	P24	Bottom	B246-Wx-	-11.78	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.79	SI
2 Piso	P24	Top	B246-Wy+	-4.75	1.01	0.84	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.00	SI
2 Piso	P24	Bottom	B246-Wy+	-11.78	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.79	SI
2 Piso	P24	Top	B246-Wy-	-4.75	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.00	SI
2 Piso	P24	Bottom	B246-Wy-	-11.78	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.79	SI
2 Piso	P24	Top	B247-Ex+	-3.04	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.62	SI
2 Piso	P24	Bottom	B247-Ex+	-8.63	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	4.46	SI
2 Piso	P24	Top	B247-Ex-	-3.07	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.57	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área mm^2	R_y	Lw (mm)	Espesor (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P24	Bottom	B247-Ex-	-12.89	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	7.99	SI
2 Piso	P24	Top	B247-Ey+	-3.56	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.64	SI
2 Piso	P24	Bottom	B247-Ey+	-10.09	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.07	SI
2 Piso	P24	Top	B247-Ey-	-4.36	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-0.76	SI
2 Piso	P24	Bottom	B247-Ey-	-11.44	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.72	SI
2 Piso	P24	Top	B242 G	-5.41	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.32	SI
2 Piso	P24	Bottom	B242 G	-16.13	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	1.63	SI
2 Piso	P24	Top	B243-Wy- G	-8.87	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.31	SI
2 Piso	P24	Bottom	B243-Wy- G	-18.92	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-3.14	SI
2 Piso	P24	Top	B243-Wy- G	-8.87	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.31	SI
2 Piso	P24	Bottom	B243-Wy- G	-18.92	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-3.14	SI
2 Piso	P24	Top	B243-Wy+ G	-8.87	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.31	SI
2 Piso	P24	Bottom	B243-Wy+ G	-18.92	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-3.14	SI
2 Piso	P24	Top	B244-Wx- G	-7.16	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.82	SI
2 Piso	P24	Bottom	B244-Wx- G	-16.93	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.91	SI
2 Piso	P24	Top	B244-Wx+ G	-7.16	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.14	SI
2 Piso	P24	Bottom	B244-Wx+ G	-16.93	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-3.74	SI
2 Piso	P24	Top	B244-Wy- G	-7.18	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-1.82	SI
2 Piso	P24	Bottom	B244-Wy- G	-16.93	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.91	SI
2 Piso	P24	Top	B244-Wy+ G	-7.18	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-2.14	SI
2 Piso	P24	Bottom	B244-Wy+ G	-16.93	1.01	0.94	3350	300	1920	345	1920	345	2950	2950	119.56	119.56	67.53	67.53	-3.74	SI
2 Piso	P25	Top	B241	-3.37	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.71	SI
2 Piso	P25	Bottom	B241	-5.24	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-4.22	SI
2 Piso	P25	Top	B242 Lcub	-2.17	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-1.75	SI
2 Piso	P25	Bottom	B242 Lcub	-4.58	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.57	SI
2 Piso	P25	Top	B243-Wx+ Lcub	-3.11	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.90	SI
2 Piso	P25	Bottom	B243-Wx+ Lcub	-5.30	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.35	SI
2 Piso	P25	Top	B243-Wx- Lcub	-4.11	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.50	SI
2 Piso	P25	Bottom	B243-Wx- Lcub	-5.30	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.35	SI
2 Piso	P25	Top	B243-Wy+ Lcub	-4.11	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.50	SI
2 Piso	P25	Bottom	B243-Wy+ Lcub	-5.30	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.35	SI
2 Piso	P25	Top	B243-Wy- Lcub	-4.11	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.50	SI
2 Piso	P25	Bottom	B243-Wy- Lcub	-5.30	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.35	SI
2 Piso	P25	Top	B244-Wx+ Lcub	-3.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.50	SI
2 Piso	P25	Bottom	B244-Wx+ Lcub	-4.92	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.11	SI
2 Piso	P25	Top	B244-Wx- Lcub	-3.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.75	SI
2 Piso	P25	Bottom	B244-Wx- Lcub	-4.92	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.11	SI
2 Piso	P25	Top	B244-Wy+ Lcub	-3.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.75	SI
2 Piso	P25	Bottom	B244-Wy+ Lcub	-4.92	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.11	SI
2 Piso	P25	Top	B244-Wy- Lcub	-3.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.75	SI
2 Piso	P25	Bottom	B244-Wy- Lcub	-4.92	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-3.11	SI
2 Piso	P25	Top	B245-Ex+	2.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.75	SI
2 Piso	P25	Bottom	B245-Ex+	-6.84	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.54	SI
2 Piso	P25	Top	B245-Ex-	-2.00	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	0.49	SI
2 Piso	P25	Bottom	B245-Ex-	-1.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.12	SI
2 Piso	P25	Top	B245-Ey+	2.48	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	0.65	SI
2 Piso	P25	Bottom	B245-Ey+	-3.10	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.35	SI
2 Piso	P25	Top	B245-Ey-	3.20	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.89	SI
2 Piso	P25	Bottom	B245-Ey-	-5.50	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.91	SI
2 Piso	P25	Top	B246-Wx+	-2.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.59	SI
2 Piso	P25	Bottom	B246-Wx+	-3.79	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-1.76	SI
2 Piso	P25	Top	B246-Wx-	-2.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	1.12	SI
2 Piso	P25	Bottom	B246-Wx-	-3.79	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.36	58.36	32.96	32.96	-2.28	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Área m^2	R_x	Lw (cm)	Espesor elemento (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MD (ton-m)	Cumple
2 Piso	P25	Top	B246-Wy+	-2.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.09	32.96	-2.29	SI
2 Piso	P25	Bottom	B246-Wy+	-3.79	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.12	SI
2 Piso	P25	Top	B246-Wy-	-2.81	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-2.29	SI
2 Piso	P25	Bottom	B246-Wy-	-3.79	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.12	SI
2 Piso	P25	Top	B247-Ex+	-2.05	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-1.65	SI
2 Piso	P25	Bottom	B247-Ex+	-3.06	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	2.61	SI
2 Piso	P25	Top	B247-Ex-	-2.26	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-1.83	SI
2 Piso	P25	Bottom	B247-Ex-	-0.89	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	0.58	SI
2 Piso	P25	Top	B247-Ey+	-1.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-1.76	SI
2 Piso	P25	Bottom	B247-Ey+	-2.17	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.90	SI
2 Piso	P25	Top	B247-Ey-	-3.57	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-1.72	SI
2 Piso	P25	Bottom	B247-Ey-	-4.57	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.52	SI
2 Piso	P25	Top	B248 G	-3.73	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	0.87	SI
2 Piso	P25	Bottom	B248 G	-4.73	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	3.01	SI
2 Piso	P25	Top	B243-Wy- G	-5.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.90	SI
2 Piso	P25	Bottom	B243-Wy- G	-6.42	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-4.75	SI
2 Piso	P25	Top	B243-Wy+ G	-5.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.52	SI
2 Piso	P25	Bottom	B243-Wy+ G	-6.42	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-4.75	SI
2 Piso	P25	Top	B247-Wy+ G	-5.78	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.52	SI
2 Piso	P25	Bottom	B243-Wy+ G	-6.42	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-4.75	SI
2 Piso	P25	Top	B244-Wy- G	-4.34	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.78	SI
2 Piso	P25	Bottom	B244-Wy- G	-5.27	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-3.55	SI
2 Piso	P25	Top	B244-Wy+ G	-4.34	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.78	SI
2 Piso	P25	Bottom	B244-Wy+ G	-5.27	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-3.55	SI
2 Piso	P25	Top	B244-Wy- G	-4.34	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.78	SI
2 Piso	P25	Bottom	B244-Wy- G	-5.27	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-3.55	SI
2 Piso	P25	Top	B244-Wy+ G	-4.34	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	1.78	SI
2 Piso	P25	Bottom	B244-Wy+ G	-5.27	0.60	0.94	1990	300	1920	345	1920	345	1440	1440	58.38	58.38	32.96	32.96	-3.55	SI
2 Piso	P25	Top	B241	-3.10	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	1.76	SI
2 Piso	P25	Bottom	B241	-3.85	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.99	SI
2 Piso	P25	Top	B242 Loub	-2.93	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.89	SI
2 Piso	P25	Bottom	B242 Loub	-3.91	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	1.88	SI
2 Piso	P25	Top	B243-Wy+ Loub	-3.64	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-2.07	SI
2 Piso	P25	Bottom	B243-Wy+ Loub	-3.92	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.36	SI
2 Piso	P25	Top	B243-Wy- Loub	-3.64	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B243-Wy- Loub	-3.92	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.36	SI
2 Piso	P25	Top	B243-Wy+ Loub	-3.64	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B243-Wy+ Loub	-3.92	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.36	SI
2 Piso	P25	Top	B244-Wy+ Loub	-3.43	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B244-Wy+ Loub	-3.52	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.22	SI
2 Piso	P25	Top	B244-Wy- Loub	-3.43	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B244-Wy- Loub	-3.52	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.22	SI
2 Piso	P25	Top	B244-Wy+ Loub	-3.43	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B244-Wy+ Loub	-3.52	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.22	SI
2 Piso	P25	Top	B244-Wy- Loub	-3.43	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.70	SI
2 Piso	P25	Bottom	B244-Wy- Loub	-3.52	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	2.22	SI
2 Piso	P25	Top	B245-Ex+	-2.71	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-1.83	SI
2 Piso	P25	Bottom	B245 Ex+	-0.43	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	1.52	SI
2 Piso	P25	Top	B245-Ex-	-3.65	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	-2.07	SI
2 Piso	P25	Bottom	B245-Ex-	-4.67	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	1.90	SI
2 Piso	P25	Top	B245-Ey+	-2.15	0.55	0.94	1830	300	1920	345	1920	345	1280	1280	51.68	51.68	29.30	29.30	1.75	SI

Story	MURO	LOC.	COMB.	Pu (ton)	Area A_{cv} (m^2)	R_n	Lw (mm)	$D_{transv\,efectiva}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MU3 (ton-m)	Cumple
2 Piso	P26	Bottom	B245-Ey+	-1.03	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.29	SI
2 Piso	P26	Top	B245-Ey+	-3.20	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.06	SI
2 Piso	P26	Bottom	B245-Ey-	-5.07	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-2.04	SI
2 Piso	P26	Top	B246-Wx+	-2.51	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.62	SI
2 Piso	P26	Bottom	B246-Wx+	-2.80	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.27	SI
2 Piso	P26	Top	B246-Wx-	-2.51	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.62	SI
2 Piso	P26	Bottom	B246-Wx-	-2.80	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.27	SI
2 Piso	P26	Top	B246-Wy+	-2.51	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.62	SI
2 Piso	P26	Bottom	B246-Wy+	-2.80	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.27	SI
2 Piso	P26	Top	B246-Wy-	-2.51	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.62	SI
2 Piso	P26	Bottom	B246-Wy-	-2.80	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.27	SI
2 Piso	P26	Top	B247-Ey+	-2.02	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.08	SI
2 Piso	P26	Bottom	B247-Ey+	0.54	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-0.31	SI
2 Piso	P26	Top	B247-Ey-	-1.98	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.08	SI
2 Piso	P26	Bottom	B247-Ey-	-5.10	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-2.33	SI
2 Piso	P26	Top	B247-Ey+	-1.48	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.32	SI
2 Piso	P26	Bottom	B247-Ey+	-0.46	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-0.17	SI
2 Piso	P26	Top	B247-Ey-	-2.52	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	1.32	SI
2 Piso	P26	Bottom	B247-Ey-	-4.50	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.59	SI
2 Piso	P26	Top	B242 G	-3.35	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	2.16	SI
2 Piso	P26	Bottom	B242 G	-9.50	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-2.07	SI
2 Piso	P26	Top	B243-Wx- G	-5.00	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	3.27	SI
2 Piso	P26	Bottom	B243-Wx- G	-4.77	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.69	SI
2 Piso	P26	Top	B243-Wy+ G	-5.00	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	3.27	SI
2 Piso	P26	Bottom	B243-Wx+ G	-4.77	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.69	SI
2 Piso	P26	Top	B243-Wy+ G	-5.00	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	3.27	SI
2 Piso	P26	Bottom	B243-Wx+ G	-4.77	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.69	SI
2 Piso	P26	Top	B244-Wx- G	-3.85	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	2.50	SI
2 Piso	P26	Bottom	B244-Wx- G	-3.78	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.83	SI
2 Piso	P26	Top	B244-Wx+ G	-3.85	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	2.50	SI
2 Piso	P26	Bottom	B244-Wx+ G	-3.78	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.83	SI
2 Piso	P26	Top	B244-Wy+ G	-3.85	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	2.50	SI
2 Piso	P26	Bottom	B244-Wy+ G	-3.78	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.83	SI
2 Piso	P26	Top	B244-Wy- G	-3.85	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	2.50	SI
2 Piso	P26	Bottom	B244-Wy- G	-3.78	0.55	0.84	1830	300	1920	345	1920	345	1280	1280	51.88	51.88	29.30	29.30	-1.83	SI
2 Piso	P27	Top	B241	-7.60	1.05	0.94	3510	300	1920	345	3110	345	3110	3110	126.04	126.04	71.19	71.19	2.82	SI
2 Piso	P27	Bottom	B241	-17.47	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	5.17	SI
2 Piso	P27	Top	B242 Loub	-7.19	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.42	SI
2 Piso	P27	Bottom	B242 Loub	-14.98	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	0.44	SI
2 Piso	P27	Top	B243 Wx+ Loub	-8.36	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.80	SI
2 Piso	P27	Bottom	B243-Wx+ Loub	-17.08	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	4.96	SI
2 Piso	P27	Top	B243-Wx- Loub	-8.36	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.98	SI
2 Piso	P27	Bottom	B243-Wx- Loub	-17.28	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	4.96	SI
2 Piso	P27	Top	B243 Wy+ Loub	-8.36	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.80	SI
2 Piso	P27	Bottom	B243 Wy+ Loub	-17.08	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	4.80	SI
2 Piso	P27	Top	B243-Wy- Loub	-8.36	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.98	SI
2 Piso	P27	Bottom	B243-Wy- Loub	-17.08	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	4.96	SI
2 Piso	P27	Top	B244-Wx+ Loub	-8.06	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.79	SI
2 Piso	P27	Bottom	B244-Wx+ Loub	-16.25	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.26	SI
2 Piso	P27	Top	B244-Wx- Loub	-8.06	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.79	SI
2 Piso	P27	Bottom	B244-Wx- Loub	-16.25	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.26	SI
2 Piso	P27	Top	B244-Wy+ Loub	-8.06	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.79	SI
2 Piso	P27	Bottom	B244-Wy+ Loub	-16.25	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.26	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área mín (m²)	R_k	Lw (mm)	Diseño mínimo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mn mín (ton-m)	Mn ext (ton-m)	Mn int (ton-m)	Mn mín (ton-m)	Cumple
2 Piso	P27	Top	B244-Wy- Lcub	-8.06	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	77.15	2.79	SI	
2 Piso	P27	Bottom	B244-Wy- Lcub	-16.25	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.26	SI	
2 Piso	P27	Top	B245-Ex+	-6.61	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.07	SI	
2 Piso	P27	Bottom	B245-Ex+	-16.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	8.50	SI	
2 Piso	P27	Top	B245-Ex-	-6.98	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.14	SI	
2 Piso	P27	Bottom	B245-Ex-	-12.48	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	-4.78	SI	
2 Piso	P27	Top	B245-Ey+	-5.98	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.07	SI	
2 Piso	P27	Bottom	B245-Ey+	-13.74	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.61	SI	
2 Piso	P27	Top	B245-Ey-	-7.28	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.44	SI	
2 Piso	P27	Bottom	B245-Ey-	-15.50	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.02	SI	
2 Piso	P27	Top	B246-Wx+	-5.87	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.08	SI	
2 Piso	P27	Bottom	B246-Wx+	-12.34	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.60	SI	
2 Piso	P27	Top	B246-Wx-	-5.87	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.08	SI	
2 Piso	P27	Bottom	B246-Wx-	-12.34	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.60	SI	
2 Piso	P27	Top	B246-Wy+	-5.87	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.08	SI	
2 Piso	P27	Bottom	B246-Wy+	-12.34	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.60	SI	
2 Piso	P27	Top	B246-Wy-	-5.87	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.00	SI	
2 Piso	P27	Bottom	B246-Wy-	-12.34	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.08	SI	
2 Piso	P27	Top	B247-Ex+	-4.88	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.60	SI	
2 Piso	P27	Bottom	B247-Ex+	-10.41	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.61	SI	
2 Piso	P27	Top	B247-Ex-	-4.52	1.05	0.84	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	0.97	SI	
2 Piso	P27	Bottom	B247-Ex-	9.08	1.05	0.04	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.57	SI	
2 Piso	P27	Top	B247-Ey+	-4.24	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	-3.32	SI	
2 Piso	P27	Bottom	B247-Ey+	-10.31	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.50	SI	
2 Piso	P27	Top	B247 Ey-	-4.54	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	0.97	SI	
2 Piso	P27	Bottom	B247-Ey-	-12.10	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.88	SI	
2 Piso	P27	Top	B242 G	-7.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.08	SI	
2 Piso	P27	Bottom	B242 G	-15.86	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.72	SI	
2 Piso	P27	Top	B241-Wy- G	-10.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	0.67	SI	
2 Piso	P27	Bottom	B241-Wy- G	-19.95	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	1.83	SI	
2 Piso	P27	Top	B243-Wy- G	-10.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	5.58	SI	
2 Piso	P27	Bottom	B243-Wy- G	-19.95	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.90	SI	
2 Piso	P27	Top	B243-Wx+ G	-10.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	5.08	SI	
2 Piso	P27	Bottom	B243-Wx+ G	-19.95	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.93	SI	
2 Piso	P27	Top	B243-Wy+ G	-10.94	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	5.89	SI	
2 Piso	P27	Bottom	B243-Wy+ G	-19.85	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.93	SI	
2 Piso	P27	Top	B244-Wx- G	-8.85	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	5.89	SI	
2 Piso	P27	Bottom	B244-Wx- G	-17.15	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.09	SI	
2 Piso	P27	Top	B244-Wx+ G	-8.85	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.49	SI	
2 Piso	P27	Bottom	B244-Wx+ G	-17.15	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.09	SI	
2 Piso	P27	Top	B244-Wy- G	-8.85	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.49	SI	
2 Piso	P27	Bottom	B244-Wy- G	-17.15	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.09	SI	
2 Piso	P27	Top	B244-Wy+ G	-8.85	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	2.49	SI	
2 Piso	P27	Bottom	B244-Wy+ G	-17.15	1.05	0.94	3510	300	1920	345	1920	345	3110	3110	126.04	126.04	71.19	71.19	3.09	SI	
2 Piso	P28	Top	B241	-2.02	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.34	SI	
2 Piso	P28	Bottom	B241	-6.21	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.04	SI	
2 Piso	P28	Top	B242 Lcub	-1.38	0.45	0.84	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.05	SI	
2 Piso	P28	Bottom	B242 Lcub	-5.35	0.45	0.84	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	4.24	SI	
2 Piso	P28	Top	B243-Wx+ Lcub	-2.27	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.51	SI	
2 Piso	P28	Bottom	B243-Wx+ Lcub	-6.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.16	SI	
2 Piso	P28	Top	B243-Wy- Lcub	-2.22	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.51	SI	
2 Piso	P28	Bottom	B243-Wy- Lcub	-6.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.16	SI	
2 Piso	P28	Top	B243-Wy+ Lcub	-2.22	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.51	SI	
2 Piso	P28	Bottom	B243-Wy+ Lcub	-6.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.16	SI	
2 Piso	P28	Top	B243-Wy- Lcub	-2.22	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.51	SI	

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec (m²)	Rt	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mg3 (ton-m)	Cumple
2 Piso	P28	Bottom	B243-Wy+ Lcah	-3.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.16	SI
2 Piso	P28	Top	B244-Wy+ Lcah	-2.12	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.46	SI
2 Piso	P28	Bottom	B244-Wy+ Lcub	-6.09	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.48	SI
2 Piso	P28	Top	B244-Wy+ Lcub	-2.12	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.46	SI
2 Piso	P28	Bottom	B244-Wy+ Lcub	-6.09	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.48	SI
2 Piso	P28	Top	B244-Wy+ Lcub	-2.12	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.46	SI
2 Piso	P28	Bottom	B244-Wy+ Lcub	-6.09	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.48	SI
2 Piso	P28	Top	B245-Ex+	-1.83	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.39	SI
2 Piso	P28	Bottom	B245-Ex+	-5.48	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.13	SI
2 Piso	P28	Top	B245-Ex-	-1.67	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.29	SI
2 Piso	P28	Bottom	B245-Ex-	-5.40	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.04	SI
2 Piso	P28	Top	B245-Ey+	1.39	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.19	SI
2 Piso	P28	Bottom	B245-Ey+	-3.51	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.23	SI
2 Piso	P28	Top	B245-Ey-	-2.17	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.46	SI
2 Piso	P28	Bottom	B245-Ey-	-7.27	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.57	SI
2 Piso	P28	Top	B248-Wx+	-1.56	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.33	SI
2 Piso	P28	Bottom	B248-Wx+	-4.68	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.59	SI
2 Piso	P28	Top	B248-Wx-	1.68	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.31	SI
2 Piso	P28	Bottom	B248-Wx-	-4.89	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.59	SI
2 Piso	P28	Top	B248-Wy+	-1.56	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.33	SI
2 Piso	P28	Bottom	B248-Wy+	-4.68	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.59	SI
2 Piso	P28	Top	B248-Wy-	-1.56	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.33	SI
2 Piso	P28	Bottom	B248-Wy-	-4.68	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.59	SI
2 Piso	P28	Top	B247-Ex+	-1.38	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.29	SI
2 Piso	P28	Bottom	B247-Ex+	-4.49	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.49	SI
2 Piso	P28	Top	B247-Ex-	-1.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.21	SI
2 Piso	P28	Bottom	B247-Ex-	-4.09	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	3.03	SI
2 Piso	P28	Top	B247-Ey+	-2.83	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.05	SI
2 Piso	P28	Bottom	B247-Ey+	-2.61	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.37	SI
2 Piso	P28	Top	B247-Ey-	-1.67	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.39	SI
2 Piso	P28	Bottom	B247-Ey-	-6.77	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	1.37	SI
2 Piso	P28	Top	B242 G	-2.90	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.44	SI
2 Piso	P28	Bottom	B242 G	-5.72	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	4.28	SI
2 Piso	P28	Top	B243-Wx- G	-2.89	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.81	SI
2 Piso	P28	Bottom	B243-Wx- G	-7.94	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.31	SI
2 Piso	P28	Top	B243-Wy+ G	-2.89	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.81	SI
2 Piso	P28	Bottom	B243-Wy+ G	-7.94	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.31	SI
2 Piso	P28	Top	B243-Wy+ G	-2.89	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.81	SI
2 Piso	P28	Bottom	B243-Wy+ G	-7.94	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.31	SI
2 Piso	P28	Top	B244-Wx- G	-2.33	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.66	SI
2 Piso	P28	Bottom	B244-Wx- G	-6.45	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.63	SI
2 Piso	P28	Top	B244-Wx+ G	-2.33	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.66	SI
2 Piso	P28	Bottom	B244-Wx+ G	-6.45	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.63	SI
2 Piso	P28	Top	B244-Wy- G	-2.33	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.66	SI
2 Piso	P28	Bottom	B244-Wy- G	-6.45	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.63	SI
2 Piso	P28	Top	B244-Wy+ G	-2.33	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	0.66	SI
2 Piso	P28	Bottom	B244-Wy+ G	-6.45	0.45	0.94	1490	300	1920	345	1920	345	940	940	38.10	38.10	21.52	21.52	2.63	SI
2 Piso	P29	Top	B241	-14.08	1.44	0.96	3990	360	1920	345	3450	345	1398.52	1398.52	30.48	90.48	-6.54	-6.54	SI	
2 Piso	P29	Bottom	B241	-30.22	1.44	0.96	3990	360	1920	345	3450	345	1398.52	1398.52	30.48	90.48	-6.54	-6.54	SI	
2 Piso	P29	Top	B242 Lcub	-19.10	1.44	0.96	3990	360	1920	345	3450	345	1398.52	1398.52	30.48	90.48	2.38	SI		
2 Piso	P29	Bottom	B242 Lcub	-30.68	1.44	0.96	3990	360	1920	345	3450	345	1398.52	1398.52	30.48	90.48	-6.54	SI		

STORY	MURO	LOC.	COMB	Pu (ton)	Área ... (m^2)	R	Lw (mm)	... (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mdis ext (ton-m)	Mdis int (ton-m)	Mn1 (ton-m)	Cumple
2 Piso	P29	Top	B243-Wy+ Loub	-17.56	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-6.03	SI
2 Piso	P29	Bottom	B243-Wy+ Loub	-30.79	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.83	SI
2 Piso	P29	Top	B243-Wy+ Loub	-17.56	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-6.03	SI
2 Piso	P29	Bottom	B243-Wy+ Loub	-30.79	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.83	SI
2 Piso	P29	Top	B243-Wy+ Loub	-17.56	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-6.03	SI
2 Piso	P29	Bottom	B243-Wy+ Loub	-30.79	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.83	SI
2 Piso	P29	Top	B244-Wy+ Loub	-16.51	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-5.62	SI
2 Piso	P29	Bottom	B244-Wy+ Loub	-31.88	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.80	SI
2 Piso	P29	Top	B244-Wy+ Loub	-16.51	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-5.62	SI
2 Piso	P29	Bottom	B244-Wy+ Loub	-31.88	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.80	SI
2 Piso	P29	Top	B244-Wy+ Loub	-16.51	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-5.62	SI
2 Piso	P29	Bottom	B244-Wy+ Loub	-31.88	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.80	SI
2 Piso	P29	Top	B245-Ey+	-14.96	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.82	SI
2 Piso	P29	Bottom	B245-Ey+	-30.88	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	30.10	SI
2 Piso	P29	Top	B245-Ey+	11.84	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	0.59	SI
2 Piso	P29	Bottom	B245-Ey+	-21.41	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-22.18	SI
2 Piso	P29	Top	B245-Ey+	-13.05	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.57	SI
2 Piso	P29	Bottom	B245-Ey+	-27.70	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	8.58	SI
2 Piso	P29	Top	B245-Ey+	-12.85	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.66	SI
2 Piso	P29	Bottom	B245-Ey+	-26.69	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.56	SI
2 Piso	P29	Top	B248-Wx+	12.11	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.26	SI
2 Piso	P29	Bottom	B248-Wx+	-22.00	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.42	SI
2 Piso	P29	Top	B248-Wx+	-12.11	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.26	SI
2 Piso	P29	Bottom	B248-Wx+	-22.00	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.42	SI
2 Piso	P29	Top	B248-Wx+	-12.11	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-4.26	SI
2 Piso	P29	Bottom	B248-Wx+	-22.00	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.42	SI
2 Piso	P29	Top	B247-Ey+	-10.74	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-3.77	SI
2 Piso	P29	Bottom	B247-Ey+	-22.22	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	27.67	SI
2 Piso	P29	Top	B247-Ey+	-8.52	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-2.99	SI
2 Piso	P29	Bottom	B247-Ey+	-10.64	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-24.61	SI
2 Piso	P29	Top	B247-Ey+	-9.72	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-3.52	SI
2 Piso	P29	Bottom	B247-Ey+	-18.80	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.85	SI
2 Piso	P29	Top	B247-Ey+	-9.53	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-3.61	SI
2 Piso	P29	Bottom	B247-Ey+	-18.62	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-0.68	SI
2 Piso	P29	Top	B242-G	-15.71	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-5.41	SI
2 Piso	P29	Bottom	B242-G	-32.73	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	4.98	SI
2 Piso	P29	Top	B243-Wx- G	-23.99	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-7.90	SI
2 Piso	P29	Bottom	B243-Wx- G	-37.47	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.54	SI
2 Piso	P29	Top	B243-Wy- G	-23.99	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-7.90	SI
2 Piso	P29	Bottom	B243-Wy- G	-37.47	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.54	SI
2 Piso	P29	Top	B243-Wy- G	-23.99	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-7.90	SI
2 Piso	P29	Bottom	B243-Wy- G	-37.47	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	1.54	SI
2 Piso	P29	Top	B244-Wx- G	-19.63	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-0.18	SI
2 Piso	P29	Bottom	B244-Wx- G	-33.95	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.71	SI
2 Piso	P29	Top	B244-Wx+ G	-18.53	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-6.19	SI
2 Piso	P29	Bottom	B244-Wx+ G	-33.95	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	3.71	SI
2 Piso	P29	Top	B244-Wy- G	-18.53	1.44	0.96	3990	360	1920	345	1920	345	3450	3450	139.82	139.82	80.48	80.48	-6.19	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área m^2	R_u	Lw (mm)	Ancho alma (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P29A	Bottom	B244-Wy- G	-33.98	1.44	0.96	3990	350	1920	345	1920	345	3450	3450	139.62	139.62	83.48	80.48	9.71	SI
2 Piso	P29	Top	B244-Wy+ G	-18.03	1.44	0.96	3990	350	1920	345	1920	345	3450	3450	139.62	139.62	83.48	80.48	-8.19	SI
2 Piso	P29	Bottom	B244-Wy+ G	-33.98	1.44	0.96	3990	350	1920	345	1920	345	3450	3450	139.62	139.62	83.48	80.48	9.71	SI
2 Piso	P29A	Top	B241	-2.24	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.61	SI
2 Piso	P29A	Bottom	B241	-3.89	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.12	SI
2 Piso	P29A	Top	B242 Loub	-2.00	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-1.05	SI
2 Piso	P29A	Bottom	B243 Loub	-3.31	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.52	SI
2 Piso	P29A	Top	B243-Wx+ Loub	-2.70	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.84	SI
2 Piso	P29A	Bottom	B243-Wx+ Loub	-3.78	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.52	SI
2 Piso	P29A	Top	B243-Wx- Loub	-2.70	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.84	SI
2 Piso	P29A	Bottom	B243-Wx- Loub	-3.78	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.52	SI
2 Piso	P29A	Top	B243-Wy+ Loub	-2.70	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.84	SI
2 Piso	P29A	Bottom	B243-Wy+ Loub	-3.78	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.52	SI
2 Piso	P29A	Top	B243-Wy- Loub	-2.70	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.84	SI
2 Piso	P29A	Bottom	B243-Wy- Loub	-3.78	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.52	SI
2 Piso	P29A	Top	B244 Wx+ Loub	-2.45	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.84	SI
2 Piso	P29A	Bottom	B244-Wx+ Loub	-3.60	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.38	SI
2 Piso	P29A	Top	B244-Wx- Loub	-2.45	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.46	-0.85	SI
2 Piso	P29A	Bottom	B244-Wx- Loub	-3.60	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.38	SI
2 Piso	P29A	Top	B244-Wy+ Loub	-2.45	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.85	SI
2 Piso	P29A	Bottom	B244-Wy+ Loub	-3.60	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.38	SI
2 Piso	P29A	Top	B244 Wy- Loub	-2.45	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.85	SI
2 Piso	P29A	Bottom	B244-Wy- Loub	-3.60	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.38	SI
2 Piso	P29A	Top	B245-Ex+	-1.98	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.72	SI
2 Piso	P29A	Bottom	B245-Ex+	-1.47	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.10	SI
2 Piso	P29A	Top	B245-Ex-	-1.78	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.04	SI
2 Piso	P29A	Bottom	B245 Ex-	-5.01	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-1.67	SI
2 Piso	P29A	Top	B246-Ey+	-2.74	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.15	SI
2 Piso	P29A	Bottom	B245-Ey+	-5.49	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.46	-0.97	SI
2 Piso	P29A	Top	B245-Ey-	-1.59	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.86	SI
2 Piso	P29A	Bottom	B245-Ey-	-1.05	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.71	SI
2 Piso	P29A	Top	B246-Wx+	-1.85	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.04	SI
2 Piso	P29A	Bottom	B246-Wx+	-2.73	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.90	SI
2 Piso	P29A	Top	B246-Wx-	-1.85	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.04	SI
2 Piso	P29A	Bottom	B246-Wx-	-2.73	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.90	SI
2 Piso	P29A	Top	B246-Wy+	-1.85	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.04	SI
2 Piso	P29A	Bottom	B246-Wy+	-2.73	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.90	SI
2 Piso	P29A	Top	B246-Wy-	-1.85	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.04	SI
2 Piso	P29A	Bottom	B246-Wy-	-2.73	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.90	SI
2 Piso	P29A	Top	B247-Ex+	-1.52	0.24	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.48	SI
2 Piso	P29A	Bottom	B247-Ex+	-0.71	0.71	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.34	SI
2 Piso	P29A	Top	B247-Ex-	-1.07	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.19	SI
2 Piso	P29A	Bottom	B247-Ex-	-4.29	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-1.19	SI
2 Piso	P29A	Top	B247-Ey+	-1.72	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.94	SI
2 Piso	P29A	Bottom	B247-Ey+	-4.87	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.52	SI
2 Piso	P29A	Top	B247-Ey-	-1.16	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.64	SI
2 Piso	P29A	Bottom	B247 Ey-	-4.29	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.27	SI
2 Piso	P29A	Top	B242 G	-3.30	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.32	SI
2 Piso	P29A	Bottom	B242 G	-3.52	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-1.04	SI
2 Piso	P29A	Top	B243-Wx- G	-3.77	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	2.18	SI
2 Piso	P29A	Bottom	B243-Wx- G	-4.43	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.57	SI
2 Piso	P29A	Top	B243 Wy- G	-3.77	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	2.18	SI
2 Piso	P29A	Bottom	B243-Wy- G	-4.43	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.57	SI
2 Piso	P29A	Top	B243-Wx+ G	-3.77	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	0.57	SI
2 Piso	P29A	Bottom	B243-Wx+ G	-4.43	0.23	0.96	640	350	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.57	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área muro (cm²)	R_w	Lw (mm)	Resistencia requerida (ton)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mido ext (ton-m)	Mido int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P28A	Top	B243-Wx+ G	-3.77	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	2.16	SI
2 Piso	P28A	Bottom	B243-Wx+ G	-4.41	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.57	SI
2 Piso	P28A	Top	B244-Wx- G	-2.78	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.58	SI
2 Piso	P28A	Bottom	B244-Wx- G	-3.81	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.65	SI
2 Piso	P28A	Top	B244-Wx+ G	-2.78	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.66	SI
2 Piso	P28A	Bottom	B244-Wx+ G	-3.81	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.89	SI
2 Piso	P28A	Top	B244-Wy- G	-2.75	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.58	SI
2 Piso	P28A	Bottom	B244-Wy- G	-3.81	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.65	SI
2 Piso	P28A	Top	B244-Wy+ G	-2.78	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	1.66	SI
2 Piso	P28A	Bottom	B244-Wy+ G	-3.81	0.23	0.95	640	360	1440	345	1440	345	140	140	4.26	4.26	2.45	2.45	-0.89	SI
2 Piso	P32	Top	B241	-6.12	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.78	SI
2 Piso	P32	Bottom	B241	-7.27	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.80	SI
2 Piso	P32	Top	B242 Loub	-5.70	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.80	SI
2 Piso	P32	Bottom	B242 Loub	-5.12	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.54	SI
2 Piso	P32	Top	B243-Wx+ Loub	-7.59	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Bottom	B243 Wx+ Loub	-7.66	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.30	SI
2 Piso	P32	Top	B243-Wx- Loub	-7.59	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Bottom	B243-Wx- Loub	-7.66	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.30	SI
2 Piso	P32	Top	B243-Wy+ Loub	-7.59	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Bottom	B243-Wy+ Loub	-7.66	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.30	SI
2 Piso	P32	Top	B243-Wy- Loub	-7.59	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Bottom	B243 Wy- Loub	-7.66	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.30	SI
2 Piso	P32	Top	B244-Wx+ Loub	-6.82	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.30	SI
2 Piso	P32	Bottom	B244-Wx+ Loub	-6.45	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Top	B244-Wx- Loub	-6.82	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.12	SI
2 Piso	P32	Bottom	B244-Wx- Loub	-6.45	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Top	B244-Wy+ Loub	-6.82	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.12	SI
2 Piso	P32	Bottom	B244-Wy+ Loub	-6.45	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Top	B244-Wy- Loub	-6.82	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.12	SI
2 Piso	P32	Bottom	B244-Wy- Loub	0.43	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.86	SI
2 Piso	P32	Top	B245-Ex+	-4.57	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.12	SI
2 Piso	P32	Bottom	B245-Ex+	-4.83	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-3.76	SI
2 Piso	P32	Top	B245-Ex-	-5.89	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-0.12	SI
2 Piso	P32	Bottom	B245-Ex-	-6.03	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	2.22	SI
2 Piso	P32	Top	B245-Ey+	5.69	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-9.85	SI
2 Piso	P32	Bottom	B245-Ey+	-6.24	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.84	SI
2 Piso	P32	Top	B245 Ey-	-4.87	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.10	SI
2 Piso	P32	Bottom	B245-Ey-	-2.46	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.18	SI
2 Piso	P32	Top	B246-Wx+	6.21	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.96	SI
2 Piso	P32	Bottom	B246-Wx+	0.44	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.80	SI
2 Piso	P32	Top	B246-Wx-	-5.21	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-3.18	SI
2 Piso	P32	Bottom	B246-Wx-	-5.44	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.80	SI
2 Piso	P32	Top	B246-Wy+	-5.21	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-3.18	SI
2 Piso	P32	Bottom	B246-Wy+	5.44	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.80	SI
2 Piso	P32	Top	B246-Wy-	-5.21	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-3.18	SI
2 Piso	P32	Bottom	B246-Wy-	-5.44	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.80	SI
2 Piso	P32	Top	B247-Ex+	-9.95	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-0.10	SI
2 Piso	P32	Bottom	B247-Ex+	-0.89	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-1.06	SI
2 Piso	P32	Top	B247-Ex-	-9.77	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.77	SI
2 Piso	P32	Bottom	B247-Ex-	5.07	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	2.00	SI
2 Piso	P32	Top	B247-Ey+	-4.47	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-7.94	SI
2 Piso	P32	Bottom	B247-Ey+	-7.59	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	2.04	SI
2 Piso	P32	Top	B247-Ey-	-3.66	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-3.20	SI
2 Piso	P32	Bottom	B247-Ey-	-1.76	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.90	SI
2 Piso	P32	Top	B242 G	-6.62	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.88	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area acc (m²)	R_u	Lw (cm)	Recubrimiento (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P32	Bottom	B242 G	-6.75	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-5.62	SI
2 Piso	P32	Top	B243-Wx- G	-10.07	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.12	SI
2 Piso	P32	Bottom	B243-Wx- G	9.68	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.55	SI
2 Piso	P32	Top	B243-Wy G	-10.57	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.12	SI
2 Piso	P32	Bottom	B243-Wy G	-9.89	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.55	SI
2 Piso	P32	Top	B243-Wx+ G	-10.57	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.12	SI
2 Piso	P32	Bottom	B243-Wx+ G	-9.89	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.55	SI
2 Piso	P32	Top	B243-Wy+ G	-10.57	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	1.12	SI
2 Piso	P32	Bottom	B243-Wy+ G	-9.89	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.55	SI
2 Piso	P32	Top	B244-Wx- G	-7.85	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.95	SI
2 Piso	P32	Bottom	B244-Wx- G	-7.06	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.20	SI
2 Piso	P32	Top	B244-Wx+ G	-7.85	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.95	SI
2 Piso	P32	Bottom	B244-Wx+ G	-7.06	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.20	SI
2 Piso	P32	Top	B244-Wy- G	-7.85	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	0.95	SI
2 Piso	P32	Bottom	B244-Wy- G	-7.06	0.49	0.90	2140	230	1920	345	1920	345	1340	1340	54.31	54.31	29.34	29.34	-4.20	SI
2 Piso	P32A	Top	B241	-1.47	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.24	SI
2 Piso	P32A	Bottom	B241	-7.40	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.48	SI
2 Piso	P32A	Top	B242 Loub	-2.01	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.62	SI
2 Piso	P32A	Bottom	B242 Loub	9.76	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	4.50	SI
2 Piso	P32A	Top	B243 Wx- Loub	-1.34	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.25	SI
2 Piso	P32A	Bottom	B243-Wx- Loub	-7.20	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.93	SI
2 Piso	P32A	Top	B243-Wx+ Loub	-1.34	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.25	SI
2 Piso	P32A	Bottom	B243-Wx+ Loub	-7.20	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.93	SI
2 Piso	P32A	Top	B243-Wy- Loub	-1.34	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.25	SI
2 Piso	P32A	Bottom	B243-Wy- Loub	-7.20	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.93	SI
2 Piso	P32A	Top	B244-Wx+ Loub	-1.78	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.40	SI
2 Piso	P32A	Bottom	B244-Wx+ Loub	9.50	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.90	SI
2 Piso	P32A	Top	B244-Wx- Loub	-1.78	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.40	SI
2 Piso	P32A	Bottom	B244-Wx- Loub	-9.50	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.90	SI
2 Piso	P32A	Top	B244-Wy+ Loub	-1.78	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.40	SI
2 Piso	P32A	Bottom	B244-Wy+ Loub	-9.50	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.90	SI
2 Piso	P32A	Top	B244-Wy- Loub	-1.78	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.40	SI
2 Piso	P32A	Bottom	B244-Wy- Loub	-9.50	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.90	SI
2 Piso	P32A	Top	B245-Ex+	-2.29	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	-0.65	SI
2 Piso	P32A	Bottom	B245-Ex+	-11.47	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	4.66	SI
2 Piso	P32A	Top	B245-Ex-	-1.09	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	1.61	SI
2 Piso	P32A	Bottom	B245-Ex-	5.27	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	-1.99	SI
2 Piso	P32A	Top	B245-Ey-	-1.74	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.44	SI
2 Piso	P32A	Bottom	B245-Ey-	-8.44	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	4.15	SI
2 Piso	P32A	Top	B245-Ey+	-1.80	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.52	SI
2 Piso	P32A	Bottom	B245-Ey+	-8.30	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	3.75	SI
2 Piso	P32A	Top	B246-Wx+	-0.09	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.19	SI
2 Piso	P32A	Bottom	B246-Wx+	-5.21	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.21	SI
2 Piso	P32A	Top	B246-Wx-	-0.09	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.19	SI
2 Piso	P32A	Bottom	B246-Wx-	-5.21	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.21	SI
2 Piso	P32A	Top	B246-Wy+	-0.38	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.15	SI
2 Piso	P32A	Bottom	B246-Wy+	-5.21	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.21	SI
2 Piso	P32A	Top	B246-Wy-	-0.50	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	0.19	SI
2 Piso	P32A	Bottom	B246-Wy-	-5.21	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	2.21	SI
2 Piso	P32A	Top	B247-Ex+	-1.58	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	-0.84	SI
2 Piso	P32A	Bottom	B247-Ex+	-7.87	0.21	0.90	910	230	1920	345	1920	345	810	810	32.83	32.83	17.73	17.73	4.16	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área real (cm^2)	R_o	Lw (mts)	Espesor muro (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MU3 (ton-m)	Cumple
2 Piso	P32A	Top	B247-Ex-	-0.32	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	1.31	SI
2 Piso	P32A	Bottom	B247-Ex-	-1.80	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	3.68	SI
2 Piso	P32A	Top	B247-Ex+	-0.87	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.15	SI
2 Piso	P32A	Bottom	B247-Ex+	-4.85	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	2.43	SI
2 Piso	P32A	Top	B247-Ey-	-0.81	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.22	SI
2 Piso	P32A	Bottom	B247-Ey-	-4.70	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	2.05	SI
2 Piso	P32A	Top	B247-Ey+	-2.04	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.69	SI
2 Piso	P32A	Bottom	B247-Ey+	-10.12	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	4.07	SI
2 Piso	P32A	Top	B242 G	-1.45	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.26	SI
2 Piso	P32A	Bottom	B242 G	-8.34	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	2.87	SI
2 Piso	P32A	Top	B243-Wx- G	-1.45	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.20	SI
2 Piso	P32A	Bottom	B243-Wx- G	-8.34	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	2.87	SI
2 Piso	P32A	Top	B243-Wx+ G	-1.45	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.25	SI
2 Piso	P32A	Bottom	B243-Wx+ G	-8.34	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	2.87	SI
2 Piso	P32A	Top	B244-Wx- G	-1.91	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.48	SI
2 Piso	P32A	Bottom	B244-Wx- G	-9.56	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	3.68	SI
2 Piso	P32A	Top	B244-Wx+ G	-1.91	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.49	SI
2 Piso	P32A	Bottom	B244-Wx+ G	-9.56	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	3.85	SI
2 Piso	P32A	Top	B244-Wy- G	-1.91	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.49	SI
2 Piso	P32A	Bottom	B244-Wy- G	-9.56	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	3.85	SI
2 Piso	P32A	Top	B244-Wy+ G	-1.91	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	0.48	SI
2 Piso	P32A	Bottom	B244-Wy+ G	-9.56	0.21	0.90	910	230	1920	345	1920	345	B10	B10	32.83	32.83	17.73	17.73	3.68	SI
2 Piso	P32B	Top	B241	-5.60	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.20	SI
2 Piso	P32B	Bottom	B241	-8.87	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.09	SI
2 Piso	P32B	Top	B242 Loub	-4.69	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.27	SI
2 Piso	P32B	Bottom	B242 Loub	-8.05	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.09	SI
2 Piso	P32B	Top	B243-Wx+ Loub	-6.71	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.51	SI
2 Piso	P32B	Bottom	B243-Wx+ Loub	-9.49	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.06	SI
2 Piso	P32B	Top	B243-Wx- Loub	-6.71	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.51	SI
2 Piso	P32B	Bottom	B243-Wx- Loub	-9.49	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.06	SI
2 Piso	P32B	Top	B243-Wy+ Loub	-6.71	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.51	SI
2 Piso	P32B	Bottom	B243-Wy+ Loub	-9.49	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.06	SI
2 Piso	P32B	Top	B243-Wy- Loub	-6.71	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.51	SI
2 Piso	P32B	Bottom	B243-Wy- Loub	-9.49	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.06	SI
2 Piso	P32B	Top	B244-Wx+ Loub	-5.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.45	SI
2 Piso	P32B	Bottom	B244-Wx+ Loub	-8.04	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.45	SI
2 Piso	P32B	Top	B244-Wx- Loub	-5.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	3.53	SI
2 Piso	P32B	Bottom	B244-Wx- Loub	-8.04	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.45	SI
2 Piso	P32B	Top	B244-Wy+ Loub	-5.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	3.53	SI
2 Piso	P32B	Bottom	B244-Wy+ Loub	-8.04	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.45	SI
2 Piso	P32B	Top	B244-Wy- Loub	-5.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	3.53	SI
2 Piso	P32B	Bottom	B244-Wy- Loub	-8.04	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.45	SI
2 Piso	P32B	Top	B245-Ex+	-4.08	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.52	SI
2 Piso	P32B	Bottom	B245-Ex+	-6.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	0.79	SI
2 Piso	P32B	Top	B245-Ex-	-4.08	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.52	SI
2 Piso	P32B	Bottom	B245-Ex-	-6.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.51	SI
2 Piso	P32B	Top	B245-Ey+	-4.55	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	4.06	SI
2 Piso	P32B	Bottom	B245-Ey+	-6.55	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.19	SI
2 Piso	P32B	Top	B245-Ey-	-4.25	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	3.28	SI
2 Piso	P32B	Bottom	B245-Ey-	-6.50	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.10	SI
2 Piso	P32B	Top	B246-Wx+	-4.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.49	SI
2 Piso	P32B	Bottom	B246-Wx+	-6.62	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.04	SI
2 Piso	P32B	Top	B246-Wx-	-4.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.50	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (cm²)	Rt	Lw (mm)	(mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P32B	Bottom	B248-Wx-	-5.62	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-1.50	SI
2 Piso	P32B	Top	B248-Wy+	-4.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.04	SI
2 Piso	P32B	Bottom	B246-Wy+	-6.82	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-1.60	SI
2 Piso	P32B	Top	B246-Wy-	-4.61	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.04	SI
2 Piso	P32B	Bottom	B246-Wy-	-6.82	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.60	SI
2 Piso	P32B	Top	B247-Ex+	-3.22	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.50	SI
2 Piso	P32B	Bottom	B247-Ex+	-4.66	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	0.47	SI
2 Piso	P32B	Top	B247-Ex-	-3.97	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-0.64	SI
2 Piso	P32B	Bottom	B247-Ex-	-5.48	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.18	SI
2 Piso	P32B	Top	B247-Ey+	-3.70	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.17	SI
2 Piso	P32B	Bottom	B247-Ey+	4.59	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	0.97	SI
2 Piso	P32B	Top	B247-Ey-	-3.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-1.50	SI
2 Piso	P32B	Bottom	B247-Ey-	-8.56	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	0.78	SI
2 Piso	P32B	Top	B24W G	-5.51	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-1.51	SI
2 Piso	P32B	Bottom	B242 G	-9.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.44	SI
2 Piso	P32B	Top	B243-Wx- G	-9.34	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-4.02	SI
2 Piso	P32B	Bottom	B243-Wx- G	-12.17	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.08	SI
2 Piso	P32B	Top	B243-Wy- G	-8.34	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-2.51	SI
2 Piso	P32B	Bottom	B243-Wy- G	-12.17	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.08	SI
2 Piso	P32B	Top	B243-Wx+ G	-9.34	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-2.51	SI
2 Piso	P32B	Bottom	B243-Wx+ G	-12.17	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.08	SI
2 Piso	P32B	Top	B243-Wy+ G	-9.34	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-2.51	SI
2 Piso	P32B	Bottom	B243-Wy+ G	-12.17	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	2.08	SI
2 Piso	P32B	Top	B244-Wx- G	-6.72	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-2.51	SI
2 Piso	P32B	Bottom	B244-Wx- G	-9.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.63	SI
2 Piso	P32B	Top	B244-Wx+ G	-6.72	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-3.01	SI
2 Piso	P32B	Bottom	B244-Wx+ G	-9.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.63	SI
2 Piso	P32B	Top	B244-Wy- G	-6.72	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-3.01	SI
2 Piso	P32B	Bottom	B244-Wy- G	-9.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.63	SI
2 Piso	P32B	Top	B244-Wy+ G	-6.72	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	-3.01	SI
2 Piso	P32B	Bottom	B244-Wy+ G	-9.90	0.14	0.90	590	230	1440	345	1440	345	250	250	7.60	7.60	4.10	4.10	1.63	SI
2 Piso	P33	Top	B241	-7.45	0.77	0.93	2740	220	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.01	SI
2 Piso	P33	Bottom	B241	-19.32	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.87	SI
2 Piso	P33	Top	B242 Loub	-9.09	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	3.34	SI
2 Piso	P33	Bottom	B242 Loub	-18.74	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-8.01	SI
2 Piso	P33	Top	B243-Wx+ Loub	-8.64	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.97	SI
2 Piso	P33	Bottom	B243 Wx+ Loub	-19.63	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.36	SI
2 Piso	P33	Top	B243-Wx- Loub	-8.64	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	3.76	SI
2 Piso	P33	Bottom	B243-Wx- Loub	-19.63	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.36	SI
2 Piso	P33	Top	B243-Wy+ Loub	-9.84	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.76	SI
2 Piso	P33	Bottom	B243-Wy+ Loub	-19.63	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.36	SI
2 Piso	P33	Top	B243-Wy- Loub	-8.64	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.97	SI
2 Piso	P33	Bottom	B243-Wy- Loub	-19.63	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.36	SI
2 Piso	P33	Top	B244-Wx+ Loub	-8.15	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.76	SI
2 Piso	P33	Bottom	B244-Wx+ Loub	-19.81	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.78	SI
2 Piso	P33	Top	B244-Wx- Loub	-8.15	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.49	SI
2 Piso	P33	Bottom	B244-Wx- Loub	-19.81	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.60	SI
2 Piso	P33	Top	B244-Wy+ Loub	-8.15	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.49	SI
2 Piso	P33	Bottom	B244-Wy+ Loub	-19.81	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.60	SI
2 Piso	P33	Top	B244-Wy- Loub	-8.15	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.49	SI
2 Piso	P33	Bottom	B244-Wy- Loub	-19.81	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.60	SI
2 Piso	P33	Top	B245 Ex+	-7.02	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.49	SI
2 Piso	P33	Bottom	B245 Ex+	-16.86	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-8.62	SI
2 Piso	P33	Top	B245-Ex-	-5.56	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	1.93	SI
2 Piso	P33	Bottom	B245-Ex-	18.01	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.15	SI
2 Piso	P33	Top	B245-Ey+	-5.56	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.53	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m^2)	R_w	Lw (mm)	$b_{borde\ elemento}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MU (ton-m)	Cumple
2 Piso	P33	Top	B245-Ey+	-8.24	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-8.87	SI
2 Piso	P33	Bottom	B245-Ey+	-16.85	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.86	SI
2 Piso	P33	Top	B245-Ey-	-6.64	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	7.80	SI
2 Piso	P33	Bottom	B245-Ey-	16.51	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.14	SI
2 Piso	P33	Top	B245-Wx+	-6.85	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.11	SI
2 Piso	P33	Bottom	B245-Wx+	-14.69	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.62	SI
2 Piso	P33	Top	B245-Wx-	-5.98	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.11	SI
2 Piso	P33	Bottom	B245-Wx-	-14.69	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.62	SI
2 Piso	P33	Top	B246-Wy+	-5.98	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.11	SI
2 Piso	P33	Bottom	B246-Wy+	-14.69	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.62	SI
2 Piso	P33	Top	B246-Wy-	-5.98	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.11	SI
2 Piso	P33	Bottom	B246-Wy-	-14.69	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.62	SI
2 Piso	P33	Top	B247-Ey+	-8.67	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-7.81	SI
2 Piso	P33	Bottom	B247-Ey+	-17.06	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.58	SI
2 Piso	P33	Top	B247-Ey-	-3.91	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-8.34	SI
2 Piso	P33	Bottom	B247-Ey-	-12.94	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-6.97	SI
2 Piso	P33	Top	B247 Ex+	-4.58	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-6.18	SI
2 Piso	P33	Bottom	B247 Ex+	-13.39	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-2.81	SI
2 Piso	P33	Top	B247-Ey-	-4.58	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-6.98	SI
2 Piso	P33	Bottom	B247-Ey-	-11.45	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-1.40	SI
2 Piso	P33	Top	B242 G	-7.86	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-9.29	SI
2 Piso	P33	Bottom	B242 G	-20.06	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.36	SI
2 Piso	P33	Top	B243-Wx- G	-11.73	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-14.37	SI
2 Piso	P33	Bottom	B243-Wx- G	-22.83	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-4.59	SI
2 Piso	P33	Top	B243-Wy- G	-11.73	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-14.37	SI
2 Piso	P33	Bottom	B243-Wy- G	-22.83	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-4.59	SI
2 Piso	P33	Top	B243-Wx+ G	-11.73	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-14.37	SI
2 Piso	P33	Bottom	B243-Wx+ G	-22.83	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-4.59	SI
2 Piso	P33	Top	B244-Wx- G	-9.11	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.85	SI
2 Piso	P33	Bottom	B244-Wx- G	-21.12	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	3.87	SI
2 Piso	P33	Top	B244-Wx+ G	-9.11	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	10.85	SI
2 Piso	P33	Bottom	B244-Wx+ G	-21.12	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.87	SI
2 Piso	P33	Top	B244 Wy- G	-9.11	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.85	SI
2 Piso	P33	Bottom	B244-Wy- G	-21.12	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.87	SI
2 Piso	P33	Top	B244-Wy+ G	-9.11	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-10.85	SI
2 Piso	P33	Bottom	B244-Wy+ G	-21.12	0.77	0.93	2740	280	1920	345	1920	345	2060	2060	83.49	83.49	46.72	46.72	-3.87	SI
2 Piso	P35	Top	B241	-1.99	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.36	SI
2 Piso	P35	Bottom	B241	-3.39	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.12	SI
2 Piso	P35	Top	B242 Lo.b	-1.75	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.36	SI
2 Piso	P35	Bottom	B242 Lo.b	-2.22	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.12	SI
2 Piso	P35	Top	B243-Wx+ Loub	-2.36	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B243-Wx+ Loub	-3.58	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Top	B243-Wx- Loub	-2.36	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B243-Wx- Loub	-3.58	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Top	B243-Wy+ Loub	-2.36	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B243-Wy+ Loub	-3.58	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Top	B244 Wx+ Loub	-2.10	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B244-Wx+ Loub	-2.91	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Top	B244-Wx- Loub	-2.10	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B244-Wx- Loub	-2.91	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.40	SI
2 Piso	P35	Top	B244-Wy+ Loub	-2.10	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Bottom	B244-Wy+ Loub	-2.91	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ver (cm²)	R_n	Lm (mm)	Espesor efectivo (mm)	Ae 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mu sup (Ton-m)	Mu inf (Ton-m)	Mdin sup (Ton-m)	Mdin inf (Ton-m)	Mdin (Ton-m)	Cumple
2 Piso	P35	Bottom	B244-Wy+ Lmin	-2.31	0.12	0.93	440	280	960	345	960	345	240	2400	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Top	B244-Wy+ Lmin	-2.13	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Bottom	B244-Wy- Lmin	-2.91	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Top	B245-Ex+	-1.92	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.58	SI
2 Piso	P35	Bottom	B245-Ex+	-3.12	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.84	SI
2 Piso	P35	Top	B245-Ex-	-1.46	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.10	SI
2 Piso	P35	Bottom	B245-Ex-	-1.64	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.06	SI
2 Piso	P35	Top	B245-Ey+	-1.70	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.50	SI
2 Piso	P35	Bottom	B245-Ey+	-2.38	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.28	SI
2 Piso	P35	Top	B245-Ey-	-1.56	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.30	SI
2 Piso	P35	Bottom	B245-Ey-	-2.28	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.30	SI
2 Piso	P35	Top	B246-Wx+	-1.62	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.28	SI
2 Piso	P35	Bottom	B246-Wx+	-2.51	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.23	SI
2 Piso	P35	Top	B246-Wx-	-1.82	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.29	SI
2 Piso	P35	Bottom	B246-Wx-	-2.51	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.20	SI
2 Piso	P35	Top	B246-Wy+	-1.82	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.28	SI
2 Piso	P35	Bottom	B246-Wy+	-2.51	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.23	SI
2 Piso	P35	Top	B246-Wy-	-1.82	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.29	SI
2 Piso	P35	Bottom	B246-Wy-	-2.51	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.20	SI
2 Piso	P35	Top	B247-Ex+	-1.48	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.24	SI
2 Piso	P35	Bottom	B247-Ex+	-2.90	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.27	SI
2 Piso	P35	Top	B247-Ex-	-1.70	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Bottom	B247-Ex-	-1.32	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Top	B247-Ey+	-1.34	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B247-Ey+	-2.17	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B247-Ey-	-1.92	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B247-Ey-	-2.08	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B242 G	-2.00	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.40	SI
2 Piso	P35	Bottom	B242 G	-2.64	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.32	SI
2 Piso	P35	Top	B243-Wx- G	-3.25	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B243-Wx- G	-4.03	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B243-Wy+ G	-3.25	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B243-Wy+ G	-4.03	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B243-Wx+ G	-3.25	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B243-Wx+ G	-4.03	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B243-Wy+ G	-3.25	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.52	SI
2 Piso	P35	Bottom	B243-Wy+ G	-4.03	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.37	SI
2 Piso	P35	Top	B244-Wx- G	-2.41	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.44	SI
2 Piso	P35	Bottom	B244-Wx- G	-3.24	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.33	SI
2 Piso	P35	Top	B244-Wx+ G	-2.41	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.44	SI
2 Piso	P35	Bottom	B244-Wx+ G	-3.24	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.33	SI
2 Piso	P35	Top	B244-Wy- G	-2.41	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.44	SI
2 Piso	P35	Bottom	B244-Wy- G	-3.24	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.33	SI
2 Piso	P35	Top	B244-Wy+ G	-2.41	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	-0.44	SI
2 Piso	P35	Bottom	B244-Wy+ G	-3.24	0.12	0.93	440	280	960	345	960	345	240	240	4.86	4.86	2.72	2.72	0.33	SI
2 Piso	P36	Top	B241	-14.86	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.02	SI
2 Piso	P36	Bottom	B241	-36.92	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.56	SI
2 Piso	P36	Top	B242 Lcru	-13.03	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	9.34	SI
2 Piso	P36	Bottom	B242 Lcru	-33.32	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-1.41	SI
2 Piso	P36	Top	B243-Wx+ Lcru	-17.28	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	11.90	SI
2 Piso	P36	Bottom	B243-Wx+ Lcru	-36.31	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.08	SI
2 Piso	P36	Top	B243-Wx- Lcru	-17.28	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	11.90	SI
2 Piso	P36	Bottom	B243-Wx- Lcru	-36.31	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.08	SI
2 Piso	P34	Top	B243-Wy+ Lmin	-17.28	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	11.90	SI
2 Piso	P34	Bottom	B243-Wy+ Lmin	-36.31	1.85	0.93	6600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.08	SI

STORY	BEAM	LOC	COMB	Pu (ton)	Area (m²)	R	Lw (cm)	Ast 1 (cm²)	fy 1 (Mpa)	Ast 2 (cm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn act (ton-m)	Mn del (ton-m)	ØMn act (ton-m)	ØMn del (ton-m)	MSS (ton-m)	Cumple
2 Piso	P36	Top	B243-Wy- Loub	-17.79	1.85	0.93	0600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	11.90	SI
2 Piso	P36	Bottom	B243-Wy- Loub	-35.31	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.08	SI
2 Piso	P36	Top	B244-Wy+ Loub	-16.20	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.80	SI
2 Piso	P36	Bottom	B244-Wy+ Loub	-35.60	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.08	SI
2 Piso	P36	Top	B244-Wx- Loub	-16.20	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.80	SI
2 Piso	P36	Bottom	B244-Wx- Loub	-35.60	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.08	SI
2 Piso	P36	Top	B244-Wy+ Loub	-16.20	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.80	SI
2 Piso	P36	Bottom	B244-Wy+ Loub	-35.60	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.08	SI
2 Piso	P36	Top	B244-Wy- Loub	-16.20	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.80	SI
2 Piso	P36	Bottom	B244-Wy- Loub	-35.60	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.08	SI
2 Piso	P36	Top	B245-Ex+	-12.08	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	4.94	SI
2 Piso	P36	Bottom	B245-Ex+	-28.18	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	28.31	SI
2 Piso	P36	Top	B245-Ex-	-10.47	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	11.25	SI
2 Piso	P36	Bottom	B245-Ex-	-34.68	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-37.78	SI
2 Piso	P36	Top	B245-Ey+	-12.75	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	8.96	SI
2 Piso	P36	Bottom	B245-Ey+	-31.89	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-0.20	SI
2 Piso	P36	Top	B245-Ey-	-12.75	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	7.85	SI
2 Piso	P36	Bottom	B245-Ey-	-32.16	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-21.76	SI
2 Piso	P36	Top	B246-Wx+	-11.95	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	8.19	SI
2 Piso	P36	Bottom	B246-Wx+	-26.14	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.40	SI
2 Piso	P36	Top	B246-Wx-	-11.95	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	8.10	SI
2 Piso	P36	Bottom	B246-Wx-	-26.14	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.40	SI
2 Piso	P36	Top	B246-Wy+	-11.95	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	8.19	SI
2 Piso	P36	Bottom	B246-Wy+	-26.14	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.40	SI
2 Piso	P36	Top	B246-Wy-	-11.95	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	8.19	SI
2 Piso	P36	Bottom	B246-Wy-	-26.14	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.40	SI
2 Piso	P36	Top	B247-Ex+	-5.85	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.99	SI
2 Piso	P36	Bottom	B247-Ex+	-21.82	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	28.30	SI
2 Piso	P36	Top	B247-Ex-	-10.29	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	9.66	SI
2 Piso	P36	Bottom	B247-Ex-	-26.35	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-26.30	SI
2 Piso	P36	Top	B247-Ey+	-9.51	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	7.01	SI
2 Piso	P36	Bottom	B247-Ey+	-25.34	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	1.29	SI
2 Piso	P36	Top	B247-Ey-	-9.51	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	5.88	SI
2 Piso	P36	Bottom	B247-Ey-	-25.34	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.71	SI
2 Piso	P36	Top	B242 G	-15.77	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.46	SI
2 Piso	P36	Bottom	B242 G	-35.40	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	-1.09	SI
2 Piso	P36	Top	B243-Wx- G	-23.51	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	10.43	SI
2 Piso	P36	Bottom	B243-Wx- G	-42.98	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.11	SI
2 Piso	P36	Top	B243-Wy- G	-23.51	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	18.43	SI
2 Piso	P36	Bottom	B243-Wy- G	-42.98	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	2.11	SI
2 Piso	P36	Top	B244-Wx+ G	-23.51	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	18.43	SI
2 Piso	P36	Bottom	B244-Wx+ G	-42.98	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	12.31	SI
2 Piso	P36	Top	B244-Wx- G	-18.15	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.40	SI
2 Piso	P36	Bottom	B244-Wx- G	-37.67	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	12.31	SI
2 Piso	P36	Top	B244-Wy+ G	-18.15	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.40	SI
2 Piso	P36	Bottom	B244-Wy+ G	-37.67	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	12.31	SI
2 Piso	P36	Top	B244-Wy- G	-18.15	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.40	SI
2 Piso	P36	Bottom	B244-Wy- G	-37.67	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	12.31	SI
2 Piso	P36	Top	B244-Wy- G	-18.15	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	0.40	SI
2 Piso	P36	Bottom	B244-Wy- G	-37.67	1.85	0.93	8600	280	1920	345	1920	345	6200	6200	251.27	251.27	140.62	140.62	12.31	SI
2 Piso	P37	Top	B241	-6.68	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	61.46	61.46	45.59	45.59	8.21	SI
2 Piso	P37	Bottom	B241	-17.59	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	61.46	61.46	45.59	45.59	0.38	SI
2 Piso	P37	Top	B242 Loub	-6.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	61.46	61.46	45.59	45.59	7.67	SI

STORY	MURO	LOC.	COMB	Pu (tons)	Area shr (m²)	ϕ_v	Lw (m/m)	$b_{boundary\ element}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Min ast (ton-m)	Min opt (ton-m)	ΦMn ast (ton-m)	ΦMn inf (ton-m)	M33 (ton-m)	Cumple
2 Piso	P37	Bottom	B242 Loub	-17.36	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-0.48	SI
2 Piso	P37	Top	B243-Wx+ Loub	-7.81	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.78	SI
2 Piso	P37	Bottom	B243-Wx+ Loub	-17.70	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	1.11	SI
2 Piso	P37	Top	B243-Wx- Loub	-7.81	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.78	SI
2 Piso	P37	Bottom	B243-Wx- Loub	-17.70	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	1.11	SI
2 Piso	P37	Top	B243-Wy+ Loub	-7.81	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.78	SI
2 Piso	P37	Bottom	B243-Wy+ Loub	-17.70	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	1.11	SI
2 Piso	P37	Top	B243-Wy- Loub	-7.81	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.78	SI
2 Piso	P37	Bottom	B243-Wy- Loub	-17.70	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	1.11	SI
2 Piso	P37	Top	B244-Wx+ Loub	-7.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.11	SI
2 Piso	P37	Bottom	B244-Wx+ Loub	-18.14	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.31	SI
2 Piso	P37	Top	B244-Wx- Loub	-7.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.11	SI
2 Piso	P37	Bottom	B244-Wx- Loub	-18.14	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.31	SI
2 Piso	P37	Top	B244-Wy+ Loub	-7.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.11	SI
2 Piso	P37	Bottom	B244-Wy+ Loub	-18.14	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.31	SI
2 Piso	P37	Top	B244-Wy- Loub	-7.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.11	SI
2 Piso	P37	Bottom	B244-Wy- Loub	-18.14	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.31	SI
2 Piso	P37	Top	B245-Ex+	-5.42	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	4.83	SI
2 Piso	P37	Bottom	B245-Ex+	-13.63	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.11	SI
2 Piso	P37	Top	B245-Ex-	-4.78	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	4.83	SI
2 Piso	P37	Bottom	B245-Ex-	-13.39	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.11	SI
2 Piso	P37	Top	B245-Ey+	-5.78	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-0.43	SI
2 Piso	P37	Bottom	B245-Ey+	-17.30	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	6.85	SI
2 Piso	P37	Top	B245-Ey-	-5.81	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.22	SI
2 Piso	P37	Bottom	B245-Ey-	-14.92	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	7.23	SI
2 Piso	P37	Top	B246-Wx+	-5.39	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-0.91	SI
2 Piso	P37	Bottom	B246-Wx+	-12.07	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	6.72	SI
2 Piso	P37	Top	B246-Wx-	5.39	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.85	SI
2 Piso	P37	Bottom	B246-Wx-	-12.07	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	6.72	SI
2 Piso	P37	Top	B246-Wy+	-5.39	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.85	SI
2 Piso	P37	Bottom	B246-Wy+	-12.07	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	6.72	SI
2 Piso	P37	Top	B246-Wy-	5.39	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.85	SI
2 Piso	P37	Bottom	B246-Wy-	12.07	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	6.72	SI
2 Piso	P37	Top	B247-Ex+	-3.92	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	2.56	SI
2 Piso	P37	Bottom	B247-Ex+	-10.96	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	5.18	SI
2 Piso	P37	Top	B247-Ex-	-4.69	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.07	SI
2 Piso	P37	Bottom	B247-Ex-	-8.54	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-4.70	SI
2 Piso	P37	Top	B247-Ey+	-4.26	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	5.08	SI
2 Piso	P37	Bottom	B247-Ey+	-12.45	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.75	SI
2 Piso	P37	Top	B247-Ey-	-4.31	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	5.47	SI
2 Piso	P37	Bottom	B247-Ey-	-10.07	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-0.29	SI
2 Piso	P37	Top	B242 G	-7.21	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	9.64	SI
2 Piso	P37	Bottom	B242 G	-18.53	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	-0.14	SI
2 Piso	P37	Top	B243-Wx- G	-10.85	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	13.52	SI
2 Piso	P37	Bottom	B243-Wx- G	-21.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	2.20	SI
2 Piso	P37	Top	B243-Wy- G	-10.85	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	13.52	SI
2 Piso	P37	Bottom	B243-Wy- G	-21.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	2.20	SI
2 Piso	P37	Top	B243-Wx+ G	-10.85	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	13.52	SI
2 Piso	P37	Bottom	B243-Wx+ G	-21.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	2.20	SI
2 Piso	P37	Top	B243-Wy+ G	-10.85	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	13.52	SI
2 Piso	P37	Bottom	B243-Wy+ G	-21.37	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	2.20	SI
2 Piso	P37	Top	B244-Wx+ G	-9.26	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	10.28	SI
2 Piso	P37	Bottom	B244-Wx+ G	-19.23	0.75	0.93	2690	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.65	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area ele. (m²)	R_x	Lw (mm)	Pmax muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mdin ext (ton-m)	Mdin int (ton-m)	Asp (mm-m)	Cumple
2 Piso	P37	Top	B244-Wy- G	-8.26	0.75	0.93	2800	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	10.28	SI
2 Piso	P37	Bottom	B244-Wy- G	-10.29	0.75	0.93	2800	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.65	SI
2 Piso	P37	Top	B244-Wy+ G	-8.26	0.75	0.93	2800	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	10.28	SI
2 Piso	P37	Bottom	B244-Wy+ G	-10.29	0.75	0.93	2800	280	1920	345	1920	345	2010	2010	81.46	81.46	45.59	45.59	0.65	SI
2 Piso	P38	Top	B241	-1.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.02	SI
2 Piso	P38	Bottom	B241	-5.68	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.78	SI
2 Piso	P38	Top	B242 Lsup	-0.87	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.01	SI
2 Piso	P38	Bottom	B242 Lsup	-4.98	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.28	SI
2 Piso	P38	Top	B243-Wx+ Lsub	-1.05	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.07	SI
2 Piso	P38	Bottom	B243-Wx+ Lsub	-5.45	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.35	SI
2 Piso	P38	Top	B243-Wx- Lsub	-1.08	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.07	SI
2 Piso	P38	Bottom	B243-Wx- Lsub	5.46	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	1.36	SI
2 Piso	P38	Top	B243-Wy+ Lsub	-1.08	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.07	SI
2 Piso	P38	Bottom	B243-Wy+ Lsub	-5.48	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	1.08	SI
2 Piso	P38	Top	B243-Wy- Lsub	-1.08	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.07	SI
2 Piso	P38	Bottom	B243-Wy- Lsub	-5.46	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.06	SI
2 Piso	P38	Top	B244-Wx+ Lsub	-1.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.04	SI
2 Piso	P38	Bottom	B244-Wx+ Lsub	-5.25	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.22	SI
2 Piso	P38	Top	B244-Wx- Lsub	-1.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.04	SI
2 Piso	P38	Bottom	B244-Wx- Lsub	-5.25	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.22	SI
2 Piso	P38	Top	B244-Wy+ Lsub	-1.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.04	SI
2 Piso	P38	Bottom	B244-Wy+ Lsub	-5.25	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.22	SI
2 Piso	P38	Top	B244-Wy- Lsub	-1.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.04	SI
2 Piso	P38	Bottom	B244-Wy- Lsub	5.25	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	1.22	SI
2 Piso	P38	Top	B245-Ex+	-0.08	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.12	SI
2 Piso	P38	Bottom	B245-Ex+	-4.18	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	1.26	SI
2 Piso	P38	Top	B245 Ex-	-0.72	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.18	SI
2 Piso	P38	Bottom	B245-Ex-	-3.70	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.09	SI
2 Piso	P38	Top	B245-Ey+	1.13	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.09	SI
2 Piso	P38	Bottom	B245-Ey+	-6.23	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.73	SI
2 Piso	P38	Top	B245-Ey-	-0.94	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.15	SI
2 Piso	P38	Bottom	B245-Ey-	-5.86	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.21	SI
2 Piso	P38	Top	B246-Wx+	-0.76	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.03	SI
2 Piso	P38	Bottom	B246-Wx+	4.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.80	SI
2 Piso	P38	Top	B246-Wx-	-0.76	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.03	SI
2 Piso	P38	Bottom	B246-Wx-	-4.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.80	SI
2 Piso	P38	Top	B246-Wy+	-0.76	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.03	SI
2 Piso	P38	Bottom	B246-Wy+	-4.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.80	SI
2 Piso	P38	Top	B246-Wy-	0.76	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.03	SI
2 Piso	P38	Bottom	B246-Wy-	4.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.80	SI
2 Piso	P38	Top	B247-Ex+	-0.77	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.14	SI
2 Piso	P38	Bottom	B247-Ex+	-3.01	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.85	SI
2 Piso	P38	Top	B247-Ex-	-0.50	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.16	SI
2 Piso	P38	Bottom	B247-Ex-	4.64	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.87	SI
2 Piso	P38	Top	B247-Ey+	-0.94	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.11	SI
2 Piso	P38	Bottom	B247-Ey+	-5.04	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.72	SI
2 Piso	P38	Top	B247-Ey-	-0.95	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	0.13	SI
2 Piso	P38	Bottom	B247-Ey-	5.51	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.80	SI
2 Piso	P38	Top	B242 G	-0.97	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.02	SI
2 Piso	P38	Bottom	B242 G	6.14	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.31	SI
2 Piso	P38	Top	B243-Wx- G	-1.39	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.19	SI
2 Piso	P38	Bottom	B243-Wx- G	-8.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.18	SI
2 Piso	P38	Top	B243-Wy- G	-1.39	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.19	SI
2 Piso	P38	Bottom	B243-Wy- G	-8.00	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.18	SI
2 Piso	P38	Top	B243-Wy+ G	-1.39	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.19	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m²)	R_w	Lw (mm)	hwcho efectiva (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mm ext (ton-m)	Mm int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu33 (ton-m)	Cumple
2 Piso	P38	Bottom	B243-Wx+ G	-6.22	0.47	0.94	1570	300	1920	345	1920	345	1040	1020	41.34	41.34	23.35	23.35	-1.18	SI
2 Piso	P38	Top	B243-Wx+ G	-1.45	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.18	SI
2 Piso	P38	Bottom	B243-Wx+ G	-6.03	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.18	SI
2 Piso	P38	Top	B244-Wx- G	1.10	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.08	SI
2 Piso	P38	Bottom	B244-Wx- G	-5.43	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.08	SI
2 Piso	P38	Top	B244-Wx+ G	-1.10	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.25	SI
2 Piso	P38	Bottom	B244-Wx+ G	-5.43	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.08	SI
2 Piso	P38	Top	B244-Wy+ G	-1.10	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-1.25	SI
2 Piso	P38	Bottom	B244-Wy+ G	-5.43	0.47	0.94	1570	300	1920	345	1920	345	1020	1020	41.34	41.34	23.35	23.35	-0.08	SI
2 Piso	P39	Top	B241	-2.71	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.96	SI
2 Piso	P39	Bottom	B241	-10.52	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.24	SI
2 Piso	P39	Top	B242 Loub	-2.52	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.09	SI
2 Piso	P39	Bottom	B242 Loub	-5.69	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.32	SI
2 Piso	P39	Top	B243-Wx+ Loub	-2.98	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.37	SI
2 Piso	P39	Bottom	B243-Wx+ Loub	-10.19	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.16	SI
2 Piso	P38	Top	B243-Wx- Loub	-2.98	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.16	SI
2 Piso	P39	Bottom	B243-Wx- Loub	-10.19	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.37	SI
2 Piso	P38	Top	B243-Wy+ Loub	-2.98	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.37	SI
2 Piso	P39	Bottom	B243-Wy+ Loub	-10.19	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.16	SI
2 Piso	P39	Top	B243-Wy- Loub	-2.88	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.37	SI
2 Piso	P39	Bottom	B243-Wy- Loub	-10.19	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.16	SI
2 Piso	P38	Top	B244-Wx+ Loub	-2.86	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.26	SI
2 Piso	P39	Bottom	B244-Wx+ Loub	-10.16	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.29	SI
2 Piso	P38	Top	B244-Wx- Loub	-2.86	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.26	SI
2 Piso	P39	Bottom	B244-Wx- Loub	-10.16	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.29	SI
2 Piso	P38	Top	B244-Wy+ Loub	-2.86	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.26	SI
2 Piso	P39	Bottom	B244-Wy+ Loub	-10.16	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.29	SI
2 Piso	P38	Top	B245-Ex+	-2.29	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.26	SI
2 Piso	P39	Bottom	B245-Ex+	-6.08	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.96	SI
2 Piso	P38	Top	B245-Ex-	-2.42	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.11	SI
2 Piso	P39	Bottom	B245 Ex-	-6.50	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.58	SI
2 Piso	P38	Top	B246-Ey+	-2.57	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.47	SI
2 Piso	P39	Bottom	B246-Ey+	-8.76	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.90	SI
2 Piso	P38	Top	B245-Ey-	-2.74	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.32	SI
2 Piso	P39	Bottom	B245 Ey-	-8.80	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.54	SI
2 Piso	P38	Top	B246 Wx+	-2.09	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.26	SI
2 Piso	P39	Bottom	B246-Wx+	-7.38	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.83	SI
2 Piso	P38	Top	B246-Wx-	-2.26	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.13	SI
2 Piso	P39	Bottom	B246-Wx-	-7.38	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.83	SI
2 Piso	P38	Top	B246-Wy+	-2.08	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.13	SI
2 Piso	P39	Bottom	B246-Wy+	-7.00	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.63	SI
2 Piso	P38	Top	B246-Wy-	-2.08	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.13	SI
2 Piso	P39	Bottom	B246-Wy-	-7.38	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.63	SI
2 Piso	P38	Top	B247-Ex+	-1.08	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.13	SI
2 Piso	P39	Bottom	B247-Ex+	-6.55	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.41	SI
2 Piso	P38	Top	B247 E-	-1.80	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-0.30	SI
2 Piso	P39	Bottom	B247-Ex-	-6.99	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.10	SI
2 Piso	P38	Top	B247-Ey+	-1.95	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.34	SI
2 Piso	P39	Bottom	B247-Ey+	-7.24	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.45	SI
2 Piso	P38	Top	B247-Ey-	-1.93	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.15	SI
2 Piso	P39	Bottom	B247-Ey-	-8.93	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-1.09	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área mín. (m²)	R_y	Lw (mm)	Pnomo mínima (ton)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (Ton-m)	Cumple
2 Piso	P35	Top	B242-G	-2.81	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.18	SI
2 Piso	P35	Bottom	B242-G	-10.19	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.51	SI
2 Piso	P39	Top	B243-Wx- G	-3.85	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-3.30	SI
2 Piso	P39	Bottom	B243-Wx- G	-11.76	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.11	SI
2 Piso	P39	Top	B243-Wy- G	-3.88	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	3.30	SI
2 Piso	P39	Bottom	B243-Wy- G	-11.75	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.11	SI
2 Piso	P39	Top	B243-Wx+ G	-3.88	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-3.30	SI
2 Piso	P39	Bottom	B243-Wx+ G	-11.75	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.11	SI
2 Piso	P39	Top	B243-Wy+ G	-3.88	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-3.30	SI
2 Piso	P39	Bottom	B243-Wy+ G	-11.76	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.11	SI
2 Piso	P39	Top	B244-Wx- G	-3.13	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.52	SI
2 Piso	P39	Bottom	B244-Wx- G	-10.65	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.24	SI
2 Piso	P39	Top	B244-Wy- G	-3.13	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.52	SI
2 Piso	P39	Bottom	B244-Wy- G	-10.65	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.24	SI
2 Piso	P39	Top	B244-Wy+ G	-3.13	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	-2.52	SI
2 Piso	P39	Bottom	B244-Wy+ G	-10.65	0.61	0.94	2040	300	1920	345	1920	345	1840	1840	74.57	74.57	42.12	42.12	0.24	SI
2 Piso	P40	Top	B241	-4.21	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	38.88	38.88	-3.12	SI
2 Piso	P40	Bottom	B241	-11.19	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.96	36.96	0.14	SI
2 Piso	P40	Top	B242 Loub	-3.83	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.07	SI
2 Piso	P40	Bottom	B242 Loub	-10.38	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.85	36.85	0.16	SI
2 Piso	P40	Top	B243-Wx+ Loub	-4.75	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.89	36.89	-3.75	SI
2 Piso	P40	Bottom	B243-Wx+ Loub	-10.80	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.85	36.85	0.05	SI
2 Piso	P40	Top	B243-Wx- Loub	-4.75	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.75	SI
2 Piso	P40	Bottom	B243-Wx- Loub	-10.80	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Top	B243-Wy+ Loub	-4.75	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.75	SI
2 Piso	P40	Bottom	B243-Wy+ Loub	-10.80	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Top	B243-Wy- Loub	-4.75	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.75	SI
2 Piso	P40	Bottom	B243-Wy- Loub	-10.80	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Top	B244-Wx+ Loub	-4.51	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.06	SI
2 Piso	P40	Bottom	B244-Wx+ Loub	-10.59	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.54	SI
2 Piso	P40	Top	B244-Wx- Loub	-4.51	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.10	SI
2 Piso	P40	Bottom	B244-Wx- Loub	-10.63	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.54	SI
2 Piso	P40	Top	B244-Wy+ Loub	-4.51	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.10	SI
2 Piso	P40	Bottom	B244-Wy+ Loub	-10.63	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.54	SI
2 Piso	P40	Top	B244-Wy- Loub	-4.51	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.10	SI
2 Piso	P40	Bottom	B244-Wy- Loub	-10.63	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.54	SI
2 Piso	P40	Top	B245-Ex+	-2.89	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.10	SI
2 Piso	P40	Bottom	B245-Ex+	-9.82	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.96	SI
2 Piso	P40	Top	B245-Ex-	-3.59	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.16	SI
2 Piso	P40	Bottom	B245-Ex-	-9.90	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.54	SI
2 Piso	P40	Top	B245-Ey+	-2.06	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.43	SI
2 Piso	P40	Bottom	B245-Ey+	-10.17	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.88	36.88	-2.96	SI
2 Piso	P40	Top	B245-Ey-	-3.22	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.22	SI
2 Piso	P40	Bottom	B245-Ey-	-9.86	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.52	SI
2 Piso	P40	Top	B246-Wx+	-3.90	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.07	SI
2 Piso	P40	Bottom	B246-Wx+	-7.83	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.30	SI
2 Piso	P40	Top	B246-Wx-	-3.39	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Bottom	B246-Wx-	-7.83	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.59	SI
2 Piso	P40	Top	B246-Wy+	-3.30	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Bottom	B246-Wy+	-7.83	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.59	SI
2 Piso	P40	Top	B246-Wy-	-3.30	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.05	SI
2 Piso	P40	Bottom	B246-Wy-	-7.83	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.24	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area inc. (m²)	ϕ_c	Lw (mm)	Ancho alcance (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P40	Bottom	B247-Ex+	-7.21	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.22	SI
2 Piso	P40	Top	B247-Ex-	-2.66	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-1.62	SI
2 Piso	P40	Bottom	B247-Ey+	-7.19	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.39	SI
2 Piso	P40	Top	B247-Ey-	-3.03	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-2.27	SI
2 Piso	P40	Bottom	B247-E+	-7.45	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.17	SI
2 Piso	P40	Top	B247-E-	2.38	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	1.78	SI
2 Piso	P40	Bottom	B247-Ey-	-8.94	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.01	SI
2 Piso	P40	Top	B247-G	-4.41	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.46	SI
2 Piso	P40	Bottom	B247-G	-10.96	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.12	SI
2 Piso	P40	Top	B243-Wx- G	-6.31	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.17	SI
2 Piso	P40	Bottom	B243-Wx+ G	-12.45	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-5.17	SI
2 Piso	P40	Top	B243-Wy+ G	-6.31	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.04	SI
2 Piso	P40	Bottom	B243-Wy+ G	-12.45	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-5.17	SI
2 Piso	P40	Top	B244-Wx+ G	-8.03	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.04	SI
2 Piso	P40	Bottom	B243-Wx+ G	-12.45	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-5.17	SI
2 Piso	P40	Top	B243-Wy+ G	-6.31	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.04	SI
2 Piso	P40	Bottom	B243-Wy+ G	-12.45	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-5.17	SI
2 Piso	P40	Top	B244-Wx- G	-4.99	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-0.04	SI
2 Piso	P40	Bottom	B244-Wx- G	-11.34	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.98	SI
2 Piso	P40	Top	B244-Wx+ G	-4.99	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.07	SI
2 Piso	P40	Bottom	B244-Wx+ G	-11.34	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.98	SI
2 Piso	P40	Top	B244-Wy- G	-4.99	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.07	SI
2 Piso	P40	Bottom	B244-Wy- G	-11.34	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.98	SI
2 Piso	P40	Top	B244-Wy+ G	-4.99	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.07	SI
2 Piso	P40	Bottom	B244-Wy+ G	-11.34	0.61	0.94	2040	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	-3.98	SI
2 Piso	P41	Top	B241	-5.48	0.62	0.94	2050	300	1920	345	1920	345	1610	1610	65.25	65.25	36.86	36.86	0.07	SI
2 Piso	P41	Bottom	B241	-10.97	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-4.36	SI
2 Piso	P41	Top	B242 Loub	-5.08	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.60	SI
2 Piso	P41	Bottom	B242 Loub	-10.42	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.16	SI
2 Piso	P41	Top	B243-Wx+ Loub	-6.31	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.57	SI
2 Piso	P41	Bottom	B243-Wx+ Loub	-10.01	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-4.02	SI
2 Piso	P41	Top	B243-Wx- Loub	-6.31	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.61	SI
2 Piso	P41	Bottom	B243-Wx- Loub	-10.01	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-4.02	SI
2 Piso	P41	Top	B243-Wy+ Loub	-8.31	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.61	SI
2 Piso	P41	Bottom	B243-Wy+ Loub	-10.01	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-4.02	SI
2 Piso	P41	Top	B243-Wy- Loub	-8.31	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.61	SI
2 Piso	P41	Bottom	B243-Wy- Loub	-10.01	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-4.02	SI
2 Piso	P41	Top	B244-Wx+ Loub	-5.93	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.61	SI
2 Piso	P41	Bottom	B244-Wx+ Loub	-9.95	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.76	SI
2 Piso	P41	Top	B244-Wx- Loub	-5.93	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.63	SI
2 Piso	P41	Bottom	B244-Wx- Loub	-9.95	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.78	SI
2 Piso	P41	Top	B244 Wy+ Loub	-5.90	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.63	SI
2 Piso	P41	Bottom	B244 Wy+ Loub	-9.96	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.75	SI
2 Piso	P41	Top	B244-Wy- Loub	-5.99	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.62	SI
2 Piso	P41	Bottom	B244-Wy- Loub	-9.95	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.76	SI
2 Piso	P41	Top	B245-Ex-	-4.60	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.63	SI
2 Piso	P41	Bottom	B245 Ex+	-9.01	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.36	SI
2 Piso	P41	Top	B245-Ex-	-4.62	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.34	SI
2 Piso	P41	Bottom	B245-Ex-	-8.93	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-2.72	SI
2 Piso	P41	Top	B245-Ey+	-4.97	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	1.34	SI
2 Piso	P41	Bottom	B245-Ey+	-9.21	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-3.05	SI
2 Piso	P41	Top	B245 Ey-	-4.45	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.70	SI
2 Piso	P41	Bottom	B245 Ey-	-8.73	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-2.70	SI
2 Piso	P41	Top	B245-Wx+	-4.37	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	0.59	SI
2 Piso	P41	Bottom	B245-Wx+	-7.22	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	68.87	68.87	37.77	37.77	-2.70	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area $_{Enc}$ (m^2)	ϕ_v	Lw (mm)	$^{\phi}$Vnc acero (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MES (ton-m)	Cumple
2 Piso	P41	Top	B248-Wx-	-4.37	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.78	SI
2 Piso	P41	Bottom	B248-Wx-	-7.22	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.47	SI
2 Piso	P41	Top	B248-Wy+	-4.37	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.78	SI
2 Piso	P41	Bottom	B248-Wy+	-7.22	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.47	SI
2 Piso	P41	Top	B248-Wy-	-4.37	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.78	SI
2 Piso	P41	Bottom	B248-Wy-	-7.22	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.47	SI
2 Piso	P41	Top	B247-Ex-	-3.81	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.93	SI
2 Piso	P41	Bottom	B247-Ex-	-6.56	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.31	SI
2 Piso	P41	Top	B247-Ex-	-3.43	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.96	SI
2 Piso	P41	Bottom	B247-Ex-	-6.50	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.80	SI
2 Piso	P41	Top	B247-Ex+	-3.78	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.32	SI
2 Piso	P41	Bottom	B247-Ex+	-6.78	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.61	SI
2 Piso	P41	Top	B247-Ey-	-3.78	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.49	SI
2 Piso	P41	Bottom	B247-Ey-	-6.78	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.42	SI
2 Piso	P41	Top	B247-Ey+	-5.76	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-3.65	SI
2 Piso	P41	Bottom	B247-Ey+	-9.07	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.63	SI
2 Piso	P41	Top	B243-Wx- G	-8.51	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-5.58	SI
2 Piso	P41	Bottom	B243-Wx- G	-11.77	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.50	SI
2 Piso	P41	Top	B243-Wy- G	-8.51	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-5.58	SI
2 Piso	P41	Bottom	B243-Wy- G	-11.77	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.50	SI
2 Piso	P41	Top	B243-Wx+ G	-8.51	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-5.58	SI
2 Piso	P41	Bottom	B243-Wx+ G	-11.77	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.50	SI
2 Piso	P41	Top	B243-Wy+ G	-8.51	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-5.58	SI
2 Piso	P41	Bottom	B243-Wy+ G	-11.77	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.50	SI
2 Piso	P41	Top	B244-Wx- G	-6.62	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-4.24	SI
2 Piso	P41	Bottom	B244-Wx- G	-10.50	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.55	SI
2 Piso	P41	Top	B244-Wx+ G	-6.62	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-4.24	SI
2 Piso	P41	Bottom	B244-Wx+ G	-10.50	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.59	SI
2 Piso	P41	Top	B244-Wy- G	-6.62	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-4.24	SI
2 Piso	P41	Bottom	B244-Wy- G	-10.50	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.59	SI
2 Piso	P41	Top	B244-Wy+ G	-6.62	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-4.24	SI
2 Piso	P41	Bottom	B244-Wy+ G	-10.50	0.62	0.94	2050	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.58	SI
2 Piso	P42	Top	B24'	-5.17	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	1.98	SI
2 Piso	P42	Bottom	B24'	-10.68	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.09	SI
2 Piso	P42	Top	B242-Loub	-4.81	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.84	SI
2 Piso	P42	Bottom	B242-Loub	-8.78	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.00	SI
2 Piso	P42	Top	B243-Wx+ Loub	0.92	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.33	SI
2 Piso	P42	Bottom	B243-Wx+ Loub	-10.35	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.06	SI
2 Piso	P42	Top	B243-Wx- Loub	-5.92	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.39	SI
2 Piso	P42	Bottom	B243-Wx- Loub	-10.35	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.06	SI
2 Piso	P42	Top	B243-Wy+ Loub	-5.92	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.39	SI
2 Piso	P42	Bottom	B243-Wy+ Loub	-10.35	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.06	SI
2 Piso	P42	Top	B243-Wy- Loub	-5.92	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.39	SI
2 Piso	P42	Bottom	B243-Wy- Loub	-10.35	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.06	SI
2 Piso	P42	Top	B244-Wx+ Loub	-5.56	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.16	SI
2 Piso	P42	Bottom	B244-Wx+ Loub	-10.27	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.04	SI
2 Piso	P42	Top	B244-Wx- Loub	-5.56	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.15	SI
2 Piso	P42	Bottom	B244-Wx- Loub	-10.27	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.04	SI
2 Piso	P42	Top	B244-Wy+ Loub	-5.56	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.16	SI
2 Piso	P42	Bottom	B244-Wy+ Loub	-10.27	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.04	SI
2 Piso	P42	Top	B244-Wy- Loub	-5.56	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.16	SI
2 Piso	P42	Bottom	B244-Wy- Loub	-10.27	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.04	SI
2 Piso	P42	Top	B245-Ex+	-4.48	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	1.76	SI
2 Piso	P42	Bottom	B245-Ex+	-10.18	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	0.17	SI
2 Piso	P42	Top	B245-Ex-	-4.42	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.67	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (cm^2)	R_n	Lw (mm)	Espesor muro (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn aux (ton-m)	Mn Lnt (ton-m)	ϕMn ext (ton-m)	ϕMn int (ton-m)	MDS (ton-m)	Cumple
2 Piso	P42	Bottom	B245-Ex-	-8.55	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.22	SI
2 Piso	P42	Top	B245-Ex+	4.01	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.07	SI
2 Piso	P42	Bottom	B245-Ey+	-9.76	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	0.53	SI
2 Piso	P42	Top	B245-Ey-	-4.55	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.50	SI
2 Piso	P42	Bottom	B245-Ey-	-9.21	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.07	SI
2 Piso	P42	Top	B248-Wx+	-4.11	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.80	SI
2 Piso	P42	Bottom	B248-Wx+	-7.48	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.20	SI
2 Piso	P42	Top	B245-Wx-	-4.11	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.80	SI
2 Piso	P42	Bottom	B245-Wx-	-7.48	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.20	SI
2 Piso	P42	Top	B246-Wx+	-4.11	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.80	SI
2 Piso	P42	Bottom	B246-Wx+	-7.48	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.20	SI
2 Piso	P42	Top	B246-Wx-	-4.11	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.80	SI
2 Piso	P42	Bottom	B246-Wx-	-7.45	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.20	SI
2 Piso	P42	Top	B247-Ey+	-3.35	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.34	SI
2 Piso	P42	Bottom	B247-Ey+	-7.85	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	0.16	SI
2 Piso	P42	Top	B247-Ey-	-3.29	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.18	SI
2 Piso	P42	Bottom	B247-Ey-	-6.38	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.72	SI
2 Piso	P42	Top	B247-Ey+	-3.79	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.44	SI
2 Piso	P42	Bottom	B247-Ey+	-7.28	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	0.03	SI
2 Piso	P42	Top	B247-Ey-	-2.87	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-1.07	SI
2 Piso	P42	Bottom	B247-Ey-	-6.45	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-0.07	SI
2 Piso	P42	Top	B242 G	-5.46	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.12	SI
2 Piso	P42	Bottom	B242 G	-10.28	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-5.04	SI
2 Piso	P42	Top	B243-Wx- G	-7.96	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-3.23	SI
2 Piso	P42	Bottom	B243-Wx- G	-12.01	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-6.05	SI
2 Piso	P42	Top	B243-Wy- G	-7.96	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-3.23	SI
2 Piso	P42	Bottom	B243-Wy- G	-12.01	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-6.05	SI
2 Piso	P42	Top	B243-Wx+ G	-7.96	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-3.23	SI
2 Piso	P42	Bottom	B243-Wx+ G	-12.01	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-6.05	SI
2 Piso	P42	Top	B243-Wy+ G	-7.96	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-3.23	SI
2 Piso	P42	Bottom	B243-Wy+ G	-12.01	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-6.05	SI
2 Piso	P42	Top	B244-Wx- G	-8.22	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.48	SI
2 Piso	P42	Bottom	B244-Wx- G	-10.79	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.06	SI
2 Piso	P42	Top	B244-Wx+ G	-8.22	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.48	SI
2 Piso	P42	Bottom	B244-Wx+ G	-10.79	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.06	SI
2 Piso	P42	Top	B244-Wy- G	-8.22	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.48	SI
2 Piso	P42	Bottom	B244-Wy- G	-10.79	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.06	SI
2 Piso	P42	Top	B244-Wy+ G	-8.22	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-2.48	SI
2 Piso	P42	Bottom	B244-Wy+ G	-10.79	0.58	0.94	1930	300	1920	345	1920	345	1530	1530	62.01	62.01	35.02	35.02	-4.06	SI
2 Piso	P43	Top	B241	-5.56	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.09	SI
2 Piso	P43	Bottom	B241	-10.32	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-5.23	SI
2 Piso	P43	Top	B242 Loub	-2.17	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.55	SI
2 Piso	P43	Bottom	B242 Loub	-9.30	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.95	SI
2 Piso	P43	Top	B243-Wx+ Loub	-6.39	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.58	SI
2 Piso	P43	Bottom	B243-Wx+ Loub	-10.23	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.50	SI
2 Piso	P43	Top	B243-Wx- Loub	-6.39	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.58	SI
2 Piso	P43	Bottom	B243-Wx- Loub	-10.23	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.50	SI
2 Piso	P43	Top	B243-Wy+ Loub	-6.39	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.58	SI
2 Piso	P43	Bottom	B243-Wy+ Loub	-10.23	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.50	SI
2 Piso	P43	Top	B243-Wy- Loub	-6.39	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.58	SI
2 Piso	P43	Bottom	B243-Wy- Loub	-10.23	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.50	SI
2 Piso	P43	Top	B244-Wx+ Loub	-6.01	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.68	SI
2 Piso	P43	Bottom	B244-Wx+ Loub	-10.13	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.35	SI
2 Piso	P43	Top	B244-Wx- Loub	-6.01	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.55	SI
2 Piso	P43	Bottom	B244-Wx- Loub	-10.13	0.61	0.94	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.95	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec (m²)	R_t	Lw (mm)	Diámetro equivalente (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mmin ext (ton-m)	Mmin int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P43	Top	B244-Wy+ Lcub	-6.01	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.33	SI
2 Piso	P43	Bottom	B244-Wy+ Lcub	-10.13	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.56	SI
2 Piso	P43	Top	B244-Wy- Lcub	-6.01	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.33	SI
2 Piso	P43	Bottom	B244-Wy- Lcub	-10.13	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.56	SI
2 Piso	P43	Top	B245-Ex+	-4.82	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.35	SI
2 Piso	P43	Bottom	B245-Ex+	-8.33	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.68	SI
2 Piso	P43	Top	B245-Ex-	-4.75	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.01	SI
2 Piso	P43	Bottom	B245-Ex-	-8.27	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.69	SI
2 Piso	P43	Top	B245-Ey+	-5.54	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.64	SI
2 Piso	P43	Bottom	B245-Ey+	-8.30	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.62	SI
2 Piso	P43	Top	B245-Ey-	-4.53	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.48	SI
2 Piso	P43	Bottom	B245-Ey-	-8.01	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.66	SI
2 Piso	P43	Top	B246-Wx+	-4.43	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.47	SI
2 Piso	P43	Bottom	B246-Wx+	-7.38	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.71	SI
2 Piso	P43	Top	B246-Wx-	-4.43	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	0.41	SI
2 Piso	P43	Bottom	B246-Wx-	-7.38	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.71	SI
2 Piso	P43	Top	B246-Wy+	-4.43	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.41	SI
2 Piso	P43	Bottom	B246-Wy+	-7.38	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.71	SI
2 Piso	P43	Top	B246-Wy-	-4.43	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.41	SI
2 Piso	P43	Bottom	B246-Wy-	-7.38	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.71	SI
2 Piso	P43	Top	B247-Ex+	-3.81	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.41	SI
2 Piso	P43	Bottom	B247-Ex+	-5.60	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.49	SI
2 Piso	P43	Top	B247-Ex-	-3.53	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.10	SI
2 Piso	P43	Bottom	B247-Ex-	-7.47	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.24	SI
2 Piso	P43	Top	B247-Ey+	-3.83	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.52	SI
2 Piso	P43	Bottom	B247-Ey+	-5.65	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.47	SI
2 Piso	P43	Top	B247-Ey-	-3.30	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.36	SI
2 Piso	P43	Bottom	B247-Ey-	-5.48	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-1.20	SI
2 Piso	P43	Top	B247 G	-5.57	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.52	SI
2 Piso	P43	Bottom	B247 G	-10.19	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.20	SI
2 Piso	P43	Top	B243-Wx- G	-6.61	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.54	SI
2 Piso	P43	Bottom	B243-Wx- G	-12.06	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-3.48	SI
2 Piso	P43	Top	B243-Wy- G	-6.61	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.79	SI
2 Piso	P43	Bottom	B243-Wy- G	-12.06	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-3.48	SI
2 Piso	P43	Top	B243-Wx+ G	-6.01	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.73	SI
2 Piso	P43	Bottom	B243-Wx+ G	-12.06	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-3.48	SI
2 Piso	P43	Top	B243-Wy+ G	-6.61	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.73	SI
2 Piso	P43	Bottom	B243-Wy+ G	-12.06	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-3.48	SI
2 Piso	P43	Top	B244-Wx+ G	-6.71	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.73	SI
2 Piso	P43	Bottom	B244-Wx+ G	10.70	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	2.63	SI
2 Piso	P43	Top	B244-Wx- G	-6.71	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.60	SI
2 Piso	P43	Bottom	B244-Wx- G	-10.70	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	2.63	SI
2 Piso	P43	Top	B244-Wy- G	-6.71	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.60	SI
2 Piso	P43	Bottom	B244-Wy- G	-10.70	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	2.63	SI
2 Piso	P43	Top	B244-Wy+ G	-6.71	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-0.60	SI
2 Piso	P43	Bottom	B244-Wy+ G	-10.76	0.61	0.84	2040	300	1920	345	1920	345	1650	1650	66.87	66.87	37.77	37.77	-2.03	SI
2 Piso	P44	Top	B241	-5.97	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.60	SI
2 Piso	P44	Bottom	B241	-11.30	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.52	SI
2 Piso	P44	Top	B242 Lcub	-5.82	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.52	SI
2 Piso	P44	Bottom	B242 Lcub	10.54	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.41	SI
2 Piso	P44	Top	B243-Wx+ Lcub	-6.81	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.38	SI
2 Piso	P44	Bottom	B243-Wx+ Lcub	-10.99	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.98	SI
2 Piso	P44	Top	B243-Wx- Lcub	-6.81	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.38	SI
2 Piso	P44	Bottom	B243-Wx- Lcub	-10.99	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.98	SI
2 Piso	P44	Top	B243-Wy+ Lcub	-6.81	0.61	0.84	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.38	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ... (m²)	R_o	Lm (mm)	Diámetro efectivo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn aux (ton-m)	Mn inc (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MES (ton-m)	Cumple
2 Piso	P44	Bottom	B243-Wy+ Lo..b	-10.99	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.30	SI
2 Piso	P44	Top	B243-Wy- Loub	-6.81	0.51	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.88	SI
2 Piso	P44	Bottom	P243-Wy- Loub	-10.98	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.30	SI
2 Piso	P44	Top	B244-Wx+ Loub	-6.48	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.82	SI
2 Piso	P44	Bottom	B244-Wx+ Loub	11.02	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Top	B244-Wx- Loub	-6.43	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.35	SI
2 Piso	P44	Bottom	B244-Wx- Loub	-11.02	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.82	SI
2 Piso	P44	Top	B244-Wy+ Loub	-6.48	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B244-Wy+ Loub	-11.02	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.82	SI
2 Piso	P44	Top	B244-Wy- Loub	-6.48	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B244-Wy- Loub	11.02	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.82	SI
2 Piso	P44	Top	B245-Ex+	-5.25	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	0.35	SI
2 Piso	P44	Bottom	B245-Ex+	-10.14	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.14	SI
2 Piso	P44	Top	B245-Ex-	-5.11	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.33	SI
2 Piso	P44	Bottom	B245-Ex-	-9.93	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.05	SI
2 Piso	P44	Top	B245-Ey+	-5.92	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.09	SI
2 Piso	P44	Bottom	B245-Ey+	-10.15	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.24	SI
2 Piso	P44	Top	B245-Ey-	-5.05	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B245-Ey-	-9.84	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.15	SI
2 Piso	P44	Top	B246-Wx+	-4.70	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.32	SI
2 Piso	P44	Bottom	B246-Wx+	-7.85	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.05	SI
2 Piso	P44	Top	B246-Wx-	-4.73	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.22	SI
2 Piso	P44	Bottom	B246-Wx-	-7.95	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.05	SI
2 Piso	P44	Top	B246-Wy+	-4.73	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.22	SI
2 Piso	P44	Bottom	B246-Wy+	-7.95	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.05	SI
2 Piso	P44	Top	B246-Wy-	-4.73	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.22	SI
2 Piso	P44	Bottom	B246-Wy-	-7.95	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.05	SI
2 Piso	P44	Top	B247-Ex+	-3.93	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.22	SI
2 Piso	P44	Bottom	B247-Ex+	-7.97	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	1.58	SI
2 Piso	P44	Top	B247-Ex-	-3.75	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.45	SI
2 Piso	P44	Bottom	B247-Ex-	-7.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	1.87	SI
2 Piso	P44	Top	B247-Ey+	-3.98	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.23	SI
2 Piso	P44	Bottom	B247-Ey+	-7.98	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	1.57	SI
2 Piso	P44	Top	B247-Ey-	-3.89	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.19	SI
2 Piso	P44	Bottom	B247-Ey-	-7.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	2.76	SI
2 Piso	P44	Top	B243-Wx- G	-8.14	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.39	SI
2 Piso	P44	Bottom	B243-Wx- G	-12.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	4.10	SI
2 Piso	P44	Top	B243-Wy- G	-9.79	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.33	SI
2 Piso	P44	Bottom	B243-Wy- G	-12.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	4.10	SI
2 Piso	P44	Top	B243 Wx+ G	-8.14	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.39	SI
2 Piso	P44	Bottom	B243-Wx+ G	-12.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	4.10	SI
2 Piso	P44	Top	B243-Wy+ G	-9.14	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.39	SI
2 Piso	P44	Bottom	B243-Wy+ G	-12.78	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	4.10	SI
2 Piso	P44	Top	B244-Wx- G	-7.21	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.33	SI
2 Piso	P44	Bottom	B244 Wx- G	-11.58	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	3.17	SI
2 Piso	P44	Top	B244-Wx+ G	-7.21	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B244-Wx+ G	-11.58	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	3.17	SI
2 Piso	P44	Top	B244-Wy- G	-7.21	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B244-Wy- G	-11.58	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	3.17	SI
2 Piso	P44	Top	B244-Wy+ G	-7.21	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	-0.36	SI
2 Piso	P44	Bottom	B244-Wy+ G	-11.58	0.61	0.94	2040	300	1920	345	1920	345	1640	1640	66.47	66.47	37.54	37.54	3.17	SI
2 Piso	P45	Top	B241	4.62	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.07	SI
2 Piso	P45	Bottom	B241	-8.77	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.01	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area ext (cm²)	Ri	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (cm)	d 2 (mm)	Mn ext (Ton-m)	Mn int (ton-m)	ØMn ext (Ton-m)	ØMn int (Ton-m)	ØMn (Ton-m)	Cumple
2 Piso	P45	Top	B242 Lcub	-4.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.93	SI
2 Piso	P45	Bottom	B242 Lcub	-8.20	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	0.91	SI
2 Piso	P45	Top	B243-Wx+ Lcub	-5.28	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.68	SI
2 Piso	P45	Bottom	B243-Wx+ Lcub	-9.84	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.68	SI
2 Piso	P45	Top	B243-Wx- Lcub	-5.20	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.88	SI
2 Piso	P45	Bottom	B243-Wx- Lcub	-9.84	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.68	SI
2 Piso	P45	Top	B243-Wx+ Lcub	-5.29	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.88	SI
2 Piso	P45	Bottom	B243-Wx+ Lcub	-9.84	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.68	SI
2 Piso	P45	Top	B243-Wx- Lcub	-5.29	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.68	SI
2 Piso	P45	Bottom	B243-Wx- Lcub	-9.84	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.88	SI
2 Piso	P45	Top	B244-Wx+ Lcub	-5.03	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.46	SI
2 Piso	P45	Bottom	B244-Wx+ Lcub	-9.50	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.92	SI
2 Piso	P45	Top	B244-Wx- Lcub	-5.03	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.46	SI
2 Piso	P45	Bottom	B244-Wx- Lcub	-9.50	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.92	SI
2 Piso	P45	Top	B244-Wx+ G	-5.03	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.46	SI
2 Piso	P45	Bottom	B244-Wx+ G	-9.50	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.92	SI
2 Piso	P45	Top	B244-Wx- G	-5.03	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.46	SI
2 Piso	P45	Bottom	B244-Wx- G	-9.50	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.92	SI
2 Piso	P45	Top	B245-Ex+	-4.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.93	SI
2 Piso	P45	Bottom	B245-Ex+	-8.20	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	0.91	SI
2 Piso	P45	Top	B245-Ex-	-3.70	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.07	SI
2 Piso	P45	Bottom	B245-Ex-	-8.04	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.85	SI
2 Piso	P45	Top	B245-Ey+	-4.48	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.82	SI
2 Piso	P45	Bottom	B245-Ey+	-8.12	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.87	SI
2 Piso	P45	Top	B245-Ey-	-3.57	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.87	SI
2 Piso	P45	Bottom	B245-Ey-	-7.87	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.38	SI
2 Piso	P45	Top	B246-Wx+	-3.67	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	0.52	SI
2 Piso	P45	Bottom	B246-Wx+	-6.95	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.53	SI
2 Piso	P45	Top	B246-Wx-	-3.67	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.84	SI
2 Piso	P45	Bottom	B246-Wx-	-6.95	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.53	SI
2 Piso	P45	Top	B246-Wy+	-3.67	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.84	SI
2 Piso	P45	Bottom	B246-Wy+	-6.95	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.53	SI
2 Piso	P45	Top	B247-Ex+	-3.21	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.84	SI
2 Piso	P45	Bottom	B247-Ex+	-6.79	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	1.98	SI
2 Piso	P45	Top	B247-Ex-	-2.73	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.81	SI
2 Piso	P45	Bottom	B247-Ex-	-6.78	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	1.98	SI
2 Piso	P45	Top	B247-Ey+	-3.42	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.86	SI
2 Piso	P45	Bottom	B247-Ey+	-6.88	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	2.28	SI
2 Piso	P45	Top	B247-Ey-	-2.50	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.61	SI
2 Piso	P45	Bottom	B247-Ey-	-5.70	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	1.66	SI
2 Piso	P45	Top	B242 G	4.83	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.96	SI
2 Piso	P45	Bottom	B242 G	-9.47	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.57	SI
2 Piso	P45	Top	B243-Wx G	-7.12	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.95	SI
2 Piso	P45	Bottom	B243 Wx G	-11.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	5.12	SI
2 Piso	P45	Top	B243-Wy G	-7.12	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.01	SI
2 Piso	P45	Bottom	B243-Wy G	-11.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	5.12	SI
2 Piso	P45	Top	B243-Wx+ G	-7.12	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.01	SI
2 Piso	P45	Bottom	B243-Wx+ G	-11.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	5.12	SI
2 Piso	P45	Top	B243-Wy+ G	-7.12	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.01	SI
2 Piso	P45	Bottom	B243-Wy+ G	-11.36	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	5.12	SI
2 Piso	P45	Top	B244-Wx- G	-5.60	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.01	SI
2 Piso	P45	Bottom	B244-Wx- G	-10.04	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.91	SI
2 Piso	P45	Top	B244-Wx+ G	-5.60	0.56	0.94	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.01	SI

STORY	MURO	LOC.	COMB.	Pu [ton]	Área mu [m²]	R.	Lw (mm)	Separación [mm]	As 1 [mm²]	fy 1 [Mpa]	As 2 [mm²]	fy 2 [Mpa]	d 1 [mm]	d 2 [mm]	Mn act [ton-m]	Mn Req [ton-m]	ΦMn act [ton-m]	ΦMn Int [ton-m]	M33 [ton-m]	Cumple
2 Piso	P45	Bottom	B244-Wy+ G	-10.04	0.56	0.84	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.98	SI
2 Piso	P45	Top	B244-Wy+ G	5.00	0.56	0.84	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	3.01	SI
2 Piso	P45	Bottom	B244-Wy+ G	-10.04	0.56	0.84	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-0.98	SI
2 Piso	P45	Top	B244-Wy+ G	-5.65	0.56	0.84	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	-1.91	SI
2 Piso	P45	Bottom	B244-Wy+ G	-10.04	0.56	0.84	1870	300	1920	345	1920	345	1470	1470	59.58	59.58	33.65	33.65	0.96	SI
2 Piso	P46	Top	B241	-0.74	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.18	SI
2 Piso	P46	Bottom	B241	-4.66	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.90	SI
2 Piso	P46	Top	B242 Comb	-0.62	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.15	SI
2 Piso	P46	Bottom	B242 Comb	-3.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.95	SI
2 Piso	P46	Top	B243-Wx+ Comb	-0.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.29	SI
2 Piso	P46	Bottom	B243-Wx+ Comb	-4.27	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B243-Wx- Comb	-0.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.26	SI
2 Piso	P46	Bottom	B243-Wx- Comb	-4.27	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B243-Wy+ Comb	-0.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.26	SI
2 Piso	P46	Bottom	B243-Wy+ Comb	-4.27	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B243-Wy- Comb	-0.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.26	SI
2 Piso	P46	Bottom	B243-Wy- Comb	-4.27	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B244-Wx+ Comb	-0.73	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.22	SI
2 Piso	P46	Bottom	B244-Wx+ Comb	-4.04	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B244-Wx- Comb	-0.73	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.22	SI
2 Piso	P46	Bottom	B244-Wx- Comb	-4.04	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B244-Wy+ Comb	-0.73	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.22	SI
2 Piso	P46	Bottom	B244-Wy+ Comb	-4.04	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B244-Wy- Comb	-0.73	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.22	SI
2 Piso	P46	Bottom	B244-Wy- Comb	-4.04	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.80	SI
2 Piso	P46	Top	B245-Ex+	-0.50	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.10	SI
2 Piso	P46	Bottom	B245-Ex+	-4.39	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.76	SI
2 Piso	P46	Top	B245-Ex-	-0.71	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.18	SI
2 Piso	P46	Bottom	B245-Ex-	-3.27	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	1.00	SI
2 Piso	P46	Top	B245-Ey+	-0.92	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.27	SI
2 Piso	P46	Bottom	B245-Ey+	-5.02	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.90	SI
2 Piso	P46	Top	B245-Ey-	-0.28	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.04	SI
2 Piso	P46	Bottom	B245-Ey-	-5.63	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.96	SI
2 Piso	P46	Top	B246-Wx+	-0.66	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.17	SI
2 Piso	P46	Bottom	B246-Wx+	-3.14	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.59	SI
2 Piso	P46	Top	B246-Wx-	-0.56	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.17	SI
2 Piso	P46	Bottom	B246-Wx-	-3.14	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.59	SI
2 Piso	P46	Top	B246-Wy+	-0.56	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.17	SI
2 Piso	P46	Bottom	B246-Wy+	-3.14	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.59	SI
2 Piso	P46	Top	B246-Wy-	0.66	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.17	SI
2 Piso	P46	Bottom	B246-Wy-	-3.14	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.59	SI
2 Piso	P46	Top	B247-Ex+	-0.17	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.07	SI
2 Piso	P46	Bottom	B247-Ex+	-3.55	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.48	SI
2 Piso	P46	Top	B247-Ex-	-0.58	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.15	SI
2 Piso	P46	Bottom	B247-Ex-	-2.45	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.70	SI
2 Piso	P46	Top	B247-Ey+	-0.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.16	SI
2 Piso	P46	Bottom	B247-Ey+	-4.14	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.60	SI
2 Piso	P46	Top	B247-Ey-	-0.76	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.01	SI
2 Piso	P46	Bottom	B247-Ey-	-1.80	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.56	SI
2 Piso	P46	Top	B242 G	0.68	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.21	SI
2 Piso	P46	Bottom	B242 G	-3.92	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.96	SI
2 Piso	P46	Top	B243-Wx- G	-1.09	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.43	SI
2 Piso	P46	Bottom	B243-Wx- G	-4.65	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.83	SI
2 Piso	P46	Top	B243-Wy- G	-1.03	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.43	SI
2 Piso	P46	Bottom	B243-Wy- G	-4.65	0.34	0.84	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.83	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area shear (m²)	Φ_v	Lw (mm)	$b_{confinamiento}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MSS (ton-m)	Cumple
2 Piso	P46	Top	B243-Wx- G	-1.03	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.49	SI
2 Piso	P46	Bottom	B243-Wx+ G	-4.65	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.83	SI
2 Piso	P46	Top	B243-Wy+ G	-1.03	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.49	SI
2 Piso	P46	Bottom	B243-Wy+ G	-4.65	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.83	SI
2 Piso	P46	Top	B244-Wx- G	-0.80	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.28	SI
2 Piso	P46	Bottom	B244-Wx- G	-4.16	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.91	SI
2 Piso	P46	Top	B244-Wx+ G	-0.80	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.28	SI
2 Piso	P46	Bottom	B244-Wx+ G	-4.16	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.91	SI
2 Piso	P46	Top	B244-Wy+ G	-0.80	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.28	SI
2 Piso	P46	Bottom	B244-Wy+ G	-4.16	0.34	0.94	1120	300	1920	345	1920	345	570	570	23.10	23.10	13.05	13.05	0.91	SI
1 Piso	P1	Top	B241	-12.06	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.4	SI
1 Piso	P1	Bottom	B241	-28.48	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.94	SI
1 Piso	P1	Top	B242 Loub	-14.13	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.93	SI
1 Piso	P1	Bottom	B242 Loub	-20.20	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.87	SI
1 Piso	P1	Top	B243-Wx+ Loub	-11.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.34	SI
1 Piso	P1	Bottom	B243-Wx+ Loub	-17.05	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B243-Wx- Loub	-11.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.34	SI
1 Piso	P1	Bottom	B243-Wx- Loub	-17.05	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B243-Wy+ Loub	-11.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.34	SI
1 Piso	P1	Bottom	B243-Wy+ Loub	-17.05	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B243-Wy- Loub	-11.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.34	SI
1 Piso	P1	Bottom	B243-Wy- Loub	-17.05	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B244-Wx+ Loub	-10.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.71	SI
1 Piso	P1	Bottom	B244-Wx+ Loub	-19.37	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B244-Wx- Loub	-10.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.71	SI
1 Piso	P1	Bottom	B244-Wx- Loub	-19.37	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B244-Wy+ Loub	-10.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.71	SI
1 Piso	P1	Bottom	B244-Wy+ Loub	-19.37	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B244-Wy- Loub	-10.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.71	SI
1 Piso	P1	Bottom	B244-Wy- Loub	-19.37	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Top	B245-Ex+	-11.89	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.91	SI
1 Piso	P1	Bottom	B245-Ex+	-17.54	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.07	SI
1 Piso	P1	Top	B245-Ex-	-15.08	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.02	SI
1 Piso	P1	Bottom	B245-Ex-	-19.82	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.60	SI
1 Piso	P1	Top	B245-Ey-	-12.72	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.26	SI
1 Piso	P1	Bottom	B245-Ey-	-17.01	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.24	SI
1 Piso	P1	Top	B245-Ey+	-12.56	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.17	SI
1 Piso	P1	Bottom	B245-Ey+	-19.85	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-2.81	SI
1 Piso	P1	Top	B246-Wx+	-5.55	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.26	SI
1 Piso	P1	Bottom	B246-Wx+	-12.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	0.86	SI
1 Piso	P1	Top	B246-Wx-	-5.55	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.26	SI
1 Piso	P1	Bottom	B246-Wx-	-12.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.86	SI
1 Piso	P1	Top	B246-Wy+	-8.56	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.26	SI
1 Piso	P1	Bottom	B246-Wy+	-12.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.86	SI
1 Piso	P1	Top	B246-Wy-	-8.56	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	0.26	SI
1 Piso	P1	Bottom	B246-Wy-	-12.51	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.86	SI
1 Piso	P1	Top	B247-Ex+	-7.20	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	0.14	SI
1 Piso	P1	Bottom	B247-Ex+	-10.96	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.84	SI
1 Piso	P1	Top	B247-Ex-	-8.70	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.87	SI
1 Piso	P1	Bottom	B247-Ex-	-12.74	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.37	SI
1 Piso	P1	Top	B247-Ey+	-9.03	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.81	SI
1 Piso	P1	Bottom	B247-Ey+	-16.43	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	1.47	SI
1 Piso	P1	Top	B247-Ey-	-7.87	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.28	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sección (m²)	R_n	Lw (mm)	Espesor efectivo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn sup (ton-m)	Mn inf (ton-m)	ΦMn sup (ton-m)	ΦMn inf (ton-m)	M33 (ton-m)	Cumple
1 Piso	P1	Bottom	B247-Ex-	-13.28	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-2.84	SI
1 Piso	P1	Top	B247-G	-14.62	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-2.83	SI
1 Piso	P1	Bottom	B247-G	-20.82	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.82	SI
1 Piso	P1	Top	B243-Wx- G	-17.32	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.83	SI
1 Piso	P1	Bottom	B243-Wx- G	-18.79	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.06	SI
1 Piso	P1	Top	B243-Wy- G	-10.32	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.53	SI
1 Piso	P1	Bottom	B243-Wy- G	-18.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.06	SI
1 Piso	P1	Top	B244-Wx- G	-13.92	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.53	SI
1 Piso	P1	Bottom	B243-Wx- G	-18.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.06	SI
1 Piso	P1	Top	B243-Wy- G	-15.32	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.53	SI
1 Piso	P1	Bottom	B243-Wy- G	-18.75	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-1.06	SI
1 Piso	P1	Top	B244-Wx- G	-14.00	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.70	SI
1 Piso	P1	Bottom	B244-Wx- G	-19.90	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.99	SI
1 Piso	P1	Top	B244-Wx+ G	-14.00	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.70	SI
1 Piso	P1	Bottom	B244-Wx+ G	-19.90	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.99	SI
1 Piso	P1	Top	B244-Wy- G	-14.00	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.70	SI
1 Piso	P1	Bottom	B244-Wy- G	-18.90	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.95	SI
1 Piso	P1	Top	B244-Wy+ G	-14.00	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.70	SI
1 Piso	P1	Bottom	B244-Wy+ G	-19.90	0.55	0.97	1820	300	1920	345	1920	345	1340	1340	54.31	54.31	31.45	31.45	-0.99	SI
1 Piso	P2	Top	B241	-37.68	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.35	SI
1 Piso	P2	Bottom	B241	-46.23	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.79	SI
1 Piso	P2	Top	B242 Loub	-36.92	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.91	SI
1 Piso	P2	Bottom	B242 Loub	-37.20	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.53	SI
1 Piso	P2	Top	B243-Wx+ Loub	-34.07	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.12	SI
1 Piso	P2	Bottom	B243-Wx+ Loub	-41.40	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.49	SI
1 Piso	P2	Top	B243-Wx- Loub	-34.07	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.12	SI
1 Piso	P2	Bottom	B243-Wx- Loub	-41.40	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.49	SI
1 Piso	P2	Top	B243-Wy+ Loub	-34.07	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.12	SI
1 Piso	P2	Bottom	B243-Wy+ Loub	-41.40	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.49	SI
1 Piso	P2	Top	B243-Wy- Loub	-34.07	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.12	SI
1 Piso	P2	Bottom	B243-Wy- Loub	-41.40	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.49	SI
1 Piso	P2	Top	B244-Wx+ Loub	-34.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.29	SI
1 Piso	P2	Bottom	B244-Wx+ Loub	-51.68	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.75	SI
1 Piso	P2	Top	B244-Wx- Loub	-44.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.29	SI
1 Piso	P2	Bottom	B244-Wx- Loub	-61.69	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.75	SI
1 Piso	P2	Top	B244-Wy+ Loub	-44.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.29	SI
1 Piso	P2	Bottom	B244-Wy+ Loub	-51.68	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.75	SI
1 Piso	P2	Top	B244-Wy- Loub	-44.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.29	SI
1 Piso	P2	Bottom	B244-Wy- Loub	-51.69	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.75	SI
1 Piso	P2	Top	B245-Ex-	-42.50	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	6.12	SI
1 Piso	P2	Bottom	B245-Ex-	-49.80	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.50	SI
1 Piso	P2	Top	B245-Ex-	-44.19	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.12	SI
1 Piso	P2	Bottom	B245-Ex-	-50.81	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.49	SI
1 Piso	P2	Top	B245-Ex+	-43.14	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.29	SI
1 Piso	P2	Bottom	B245-Ex+	-50.18	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.75	SI
1 Piso	P2	Top	B245-Ex-	-43.48	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	12.39	SI
1 Piso	P2	Bottom	B246-Ex-	-50.59	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.74	SI
1 Piso	P2	Top	B246-Wx+	-25.15	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	6.87	SI
1 Piso	P2	Bottom	B246-Wx+	-30.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.04	SI
1 Piso	P2	Top	B246-Wx-	-25.15	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.73	SI
1 Piso	P2	Bottom	B246-Wx-	-30.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.13	SI
1 Piso	P2	Top	B246-Wy+	-25.15	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.04	SI
1 Piso	P2	Bottom	B246-Wy+	-30.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.13	SI
1 Piso	P2	Top	B246-Wy-	-25.15	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.04	SI
1 Piso	P2	Bottom	B246-Wy-	-30.65	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.13	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área cw (m²)	ϕ_c	Lw (mm)	hwcu-cuerpo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu (ton-m)	Cumple
1 Piso	P2	Top	B247-Ex+	-70.41	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.83	SI
1 Piso	P2	Bottom	B247-Ex+	-28.17	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	-0.14	SI
1 Piso	P2	Top	B247-Ex-	-25.01	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.92	SI
1 Piso	P2	Bottom	B247-Ex-	-80.27	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.44	SI
1 Piso	P2	Top	B247-Ey+	-24.05	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.01	SI
1 Piso	P2	Bottom	B247-Ey+	-29.52	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	10.75	SI
1 Piso	P2	Top	B247-Ey-	-24.37	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.65	SI
1 Piso	P2	Bottom	B247-Ey-	-29.92	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	-6.45	SI
1 Piso	P2	Top	B242 G	91.00	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	6.01	SI
1 Piso	P2	Bottom	B242 G	-57.98	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	3.51	SI
1 Piso	P2	Top	B243-Wx- G	-36.51	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.93	SI
1 Piso	P2	Bottom	B243-Wx- G	-43.02	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.40	SI
1 Piso	P2	Top	B243-Wy+ G	-36.51	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.43	SI
1 Piso	P2	Bottom	B243-Wy+ G	-43.02	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.43	SI
1 Piso	P2	Top	B243-Wy- G	-36.51	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	4.43	SI
1 Piso	P2	Bottom	B243-Wy- G	-43.02	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.43	SI
1 Piso	P2	Top	B244-Wx- G	-48.42	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	1.43	SI
1 Piso	P2	Bottom	B244-Wx- G	-62.45	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.73	SI
1 Piso	P2	Top	B244-Wy- G	-48.42	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.73	SI
1 Piso	P2	Bottom	B244-Wy- G	-62.45	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.99	SI
1 Piso	P2	Top	B244-Wy+ G	-48.42	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.73	SI
1 Piso	P2	Bottom	B244-Wy+ G	-62.45	1.29	0.97	4300	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	5.99	SI
1 Piso	P3	Top	B241	-68.70	2.62	0.97	8740	300	1920	345	1920	345	3900	3900	158.06	158.06	91.54	91.54	2.73	SI
1 Piso	P3	Bottom	B241	-85.68	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.62	SI
1 Piso	P3	Top	B242 Loub	-87.01	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.60	SI
1 Piso	P3	Bottom	B242 Loub	-104.78	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.12	SI
1 Piso	P3	Top	B243-Wx+ Loub	-63.31	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.11	SI
1 Piso	P3	Bottom	B243-Wx+ Loub	-80.36	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.83	SI
1 Piso	P3	Top	B243-Wx- Loub	-63.31	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	2.29	SI
1 Piso	P3	Bottom	B243-Wx- Loub	-80.36	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	2.88	SI
1 Piso	P3	Top	B243-Wy+ Loub	-63.31	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.29	SI
1 Piso	P3	Bottom	B243-Wy+ Loub	-80.36	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.95	SI
1 Piso	P3	Top	B243-Wy- Loub	-63.31	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.26	SI
1 Piso	P3	Bottom	B243-Wy- Loub	-80.36	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	2.82	SI
1 Piso	P3	Top	B244-Wx+ Loub	-79.17	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.29	SI
1 Piso	P3	Bottom	B244-Wx+ Loub	-96.65	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B244-Wx- Loub	-79.17	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.01	SI
1 Piso	P3	Bottom	B244-Wx- Loub	-96.65	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B244-Wy+ Loub	-79.17	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.31	SI
1 Piso	P3	Bottom	B244-Wy+ Loub	-96.65	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B244-Wy- Loub	-79.17	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.29	SI
1 Piso	P3	Bottom	B244-Wy- Loub	-96.65	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B245-Ex+	-77.32	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.31	SI
1 Piso	P3	Bottom	B245-Ex+	-92.85	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B245-Ex-	-77.34	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.31	SI
1 Piso	P3	Bottom	B245-Ex-	-94.07	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.19	SI
1 Piso	P3	Top	B245-Ey+	-75.85	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	5.83	SI
1 Piso	P3	Bottom	B245-Ey+	-93.37	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.01	SI
1 Piso	P3	Top	B245-Ey-	-75.80	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	24.50	SI
1 Piso	P3	Bottom	B245-Ey-	-93.37	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-4.06	SI
1 Piso	P3	Top	B246-Wx+	-46.42	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-28.25	SI
1 Piso	P3	Bottom	B246-Wx+	-62.45	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	R_o	Lw (mm)	Espesor (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn act (ton-m)	Mo lre (ton-m)	ØMn act (ton-m)	ØMn lm (ton-m)	MU3 (ton-m)	Cumple
1 Piso	P3	Bottom	B246-Wx+	-58.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-1.69	SI
1 Piso	P3	Top	B246-Wx-	-48.49	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	2.00	SI
1 Piso	P3	Bottom	B246-Wx-	59.29	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-1.69	SI
1 Piso	P3	Top	B246-Wy+	-40.49	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Bottom	B246-Wy+	-59.29	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Top	B246-Wy-	-48.49	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-1.69	SI
1 Piso	P3	Bottom	B246-Wy-	-59.29	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Top	B247-Ex+	-42.66	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-1.69	SI
1 Piso	P3	Bottom	B247-Ex+	-56.32	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-0.68	SI
1 Piso	P3	Top	B247-Ex-	-45.68	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Bottom	B247 Ex-	-57.71	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Top	B247-Ey+	-44.18	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	0.23	SI
1 Piso	P3	Bottom	B247-Ey+	-57.51	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	0.71	SI
1 Piso	P3	Top	B247-Ey-	-44.14	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-22.09	SI
1 Piso	P3	Bottom	B247-Ey-	-57.32	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.95	SI
1 Piso	P3	Top	B242 G	-58.30	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-27.88	SI
1 Piso	P3	Bottom	B242 G	-1080.03	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.41	SI
1 Piso	P3	Top	B243-Wx- G	-58.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Bottom	B243-Wx- G	-59.29	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.00	SI
1 Piso	P3	Top	B243-Wy- G	-59.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.86	SI
1 Piso	P3	Bottom	B243-Wy- G	-86.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.07	SI
1 Piso	P3	Top	B243-Wx+ G	-58.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.86	SI
1 Piso	P3	Bottom	B243 Wx+ G	-59.29	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.07	SI
1 Piso	P3	Top	B243 Wy+ G	-59.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.07	SI
1 Piso	P3	Bottom	B243-Wy+ G	-86.26	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.86	SI
1 Piso	P3	Top	B244-Wx- G	-81.08	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.07	SI
1 Piso	P3	Bottom	B244-Wx- G	-85.50	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.49	SI
1 Piso	P3	Top	B244-Wx+ G	-81.08	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.56	SI
1 Piso	P3	Bottom	B244-Wx+ G	-84.50	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.49	SI
1 Piso	P3	Top	B244-Wy+ G	-81.08	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.56	SI
1 Piso	P3	Bottom	B244-Wy+ G	-84.50	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.49	SI
1 Piso	P3	Top	B244-Wy- G	-81.08	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-2.56	SI
1 Piso	P3	Bottom	B244-Wy- G	-84.50	2.62	0.97	8740	300	1920	345	1920	345	83403	83403	3380.12	3380.12	1957.53	1957.53	-3.49	SI
1 Piso	P4	Top	B241	-36.20	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-8.42	SI
1 Piso	P4	Bottom	B241	-47.10	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-12.51	SI
1 Piso	P4	Top	B242 Loub	-42.09	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-8.42	SI
1 Piso	P4	Bottom	B242 Loub	-46.83	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-12.51	SI
1 Piso	P4	Top	B243-Wx+ Loub	-34.74	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.79	SI
1 Piso	P4	Bottom	B243 Wx+ Loub	-42.25	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.74	SI
1 Piso	P4	Top	B243 Wx- Loub	-34.74	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.53	SI
1 Piso	P4	Bottom	B243-Wx- Loub	42.25	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.74	SI
1 Piso	P4	Top	B243-Wy+ Loub	-34.74	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.53	SI
1 Piso	P4	Bottom	B243-Wy+ Loub	-42.25	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.74	SI
1 Piso	P4	Top	B243-Wy- Loub	-34.74	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.53	SI
1 Piso	P4	Bottom	B243-Wy- Loub	-42.25	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.74	SI
1 Piso	P4	Top	B244-Wx+ Loub	-36.79	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.53	SI
1 Piso	P4	Bottom	B244-Wx+ Loub	-47.44	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-10.85	SI
1 Piso	P4	Top	B244-Wx- Loub	-36.79	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.18	SI
1 Piso	P4	Bottom	B244-Wx- Loub	-47.44	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-10.85	SI
1 Piso	P4	Top	B244-Wy+ Loub	-38.79	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.18	SI
1 Piso	P4	Bottom	B244-Wy+ Loub	-47.44	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-10.85	SI
1 Piso	P4	Top	B244-Wy- Loub	-38.79	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-6.18	SI
1 Piso	P4	Bottom	B244-Wy- Loub	-47.44	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-10.85	SI
1 Piso	P4	Top	B245-Ex+	-37.51	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.18	SI
1 Piso	P4	Bottom	B245 Ex+	-45.44	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-9.02	SI

STORY	MURO	LOC	COMB	Pu (ton)	Área sec (m²)	ϕ_c	Lw (mm)	Espesor alma (mm)	As 1 (cm²)	fy 1 (Mpa)	As 2 (cm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mu ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MES (ton-m)	Cumple
1 Piso	P4	Top	B245-Ex-	-39.09	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.79	SI
1 Piso	P4	Bottom	B245-Ex-	-46.59	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-9.26	SI
1 Piso	P4	Top	B245-Ex+	-38.30	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.79	SI
1 Piso	P4	Bottom	B245-Ex+	-46.64	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-9.26	SI
1 Piso	P4	Top	B245-Ey-	-38.96	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.79	SI
1 Piso	P4	Bottom	B245 Ey-	-45.89	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-9.26	SI
1 Piso	P4	Top	B245-Wx+	-28.62	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.04	SI
1 Piso	P4	Bottom	B245-Wx+	-31.27	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-15.34	SI
1 Piso	P4	Top	B245-Wy+	-25.62	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.69	SI
1 Piso	P4	Bottom	B245-Wy+	-31.27	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-2.60	SI
1 Piso	P4	Top	B246-Ex+	-23.85	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-2.60	SI
1 Piso	P4	Bottom	B246-Ex+	-29.70	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-4.70	SI
1 Piso	P4	Top	B246-Ey-	-25.06	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.24	SI
1 Piso	P4	Bottom	B246-Ey-	-30.85	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-6.05	SI
1 Piso	P4	Top	B247-Ex+	-24.57	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-2.85	SI
1 Piso	P4	Bottom	B247-Ex+	-30.36	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-4.83	SI
1 Piso	P4	Top	B247-Ey-	-24.64	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-7.41	SI
1 Piso	P4	Bottom	B247-Ey-	-30.45	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-6.00	SI
1 Piso	P4	Top	B242 G	-42.91	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-12.80	SI
1 Piso	P4	Bottom	B242 G	-50.64	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	12.74	SI
1 Piso	P4	Top	B243-Wx- G	-37.35	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.18	SI
1 Piso	P4	Bottom	B243-Wx- G	-44.92	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.47	SI
1 Piso	P4	Top	B243-Wy- G	-37.36	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-8.79	SI
1 Piso	P4	Bottom	B243-Wy- G	-44.92	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-6.47	SI
1 Piso	P4	Top	B243-Wx+ G	-37.36	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.79	SI
1 Piso	P4	Bottom	B243-Wx+ G	-44.92	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-8.47	SI
1 Piso	P4	Top	B243-Wy+ G	-37.35	1.34	0.87	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.79	SI
1 Piso	P4	Bottom	B243-Wy+ G	-44.85	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.47	SI
1 Piso	P4	Top	B244-Wx- G	-40.62	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-3.79	SI
1 Piso	P4	Bottom	B244-Wx- G	-48.24	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.08	SI
1 Piso	P4	Top	B244-Wx- G	-40.62	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.26	SI
1 Piso	P4	Bottom	B244-Wx- G	-48.24	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.08	SI
1 Piso	P4	Top	B244-Wy+ G	-40.62	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.26	SI
1 Piso	P4	Bottom	B244-Wy+ G	-48.24	1.34	0.97	4480	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-11.08	SI
1 Piso	P5	Top	B241	-16.05	0.79	0.97	2820	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-5.28	SI
1 Piso	P5	Bottom	B241	-22.27	0.79	0.97	2820	300	1920	345	1920	345	4020	4020	162.92	162.92	94.35	94.35	-9.84	SI
1 Piso	P5	Top	B242 Loub	-14.22	0.79	0.87	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-3.47	SI
1 Piso	P5	Bottom	B242 Loub	-20.02	0.79	0.87	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.06	SI
1 Piso	P5	Top	B243 Wx+ Loub	-14.14	0.79	0.87	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-3.58	SI
1 Piso	P5	Bottom	B243 Wx+ Loub	-20.23	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.87	SI
1 Piso	P5	Top	B243-Wx- Loub	14.14	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.14	SI
1 Piso	P5	Bottom	B243-Wx- Loub	-20.23	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.87	SI
1 Piso	P5	Top	B243-Wy+ Loub	-14.14	0.79	0.87	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.14	SI
1 Piso	P5	Bottom	B243 Wy+ Loub	-20.23	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.87	SI
1 Piso	P5	Top	B243-Wy- Loub	-14.14	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.14	SI
1 Piso	P5	Bottom	B243-Wy- Loub	-20.23	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.87	SI
1 Piso	P5	Top	B244-Wx+ Loub	-14.48	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.14	SI
1 Piso	P5	Bottom	B244-Wx+ Loub	-20.87	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.09	SI
1 Piso	P5	Top	B244-Wx- Loub	-14.48	0.79	0.87	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.14	SI
1 Piso	P5	Bottom	B244-Wx- Loub	-20.87	0.79	0.97	2820	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.09	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Area Shc (m²)	ϕ_c	Lw (mm)	Espesor efectivo (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MES (ton-m)	Cumple
1 Piso	P5	Bottom	B244-Wx- Loub	-20.87	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.44	SI
1 Piso	P5	Top	B244-Wx+ Loub	-14.48	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.44	SI
1 Piso	P5	Bottom	B244-Wx+ Loub	-20.87	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.03	SI
1 Piso	P5	Top	B244-Wy- Loub	-19.48	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.44	SI
1 Piso	P5	Bottom	B244-Wy- Loub	-20.87	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.03	SI
1 Piso	P5	Top	B245-Ex+	-11.09	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.44	SI
1 Piso	P5	Bottom	B245-Ex+	-13.65	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.41	SI
1 Piso	P5	Top	B245-Ex-	-16.01	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.51	SI
1 Piso	P5	Bottom	B245-Ex-	-28.36	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.51	SI
1 Piso	P5	Top	B245-Ey+	-18.40	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	6.14	SI
1 Piso	P5	Bottom	B245-Ey+	-22.18	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.06	SI
1 Piso	P5	Top	B245-Ey-	-12.60	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-44.56	SI
1 Piso	P5	Bottom	B245-Ey-	-17.82	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.76	SI
1 Piso	P5	Top	B246-Wx+	-10.93	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.79	SI
1 Piso	P5	Bottom	B246-Wx+	-14.82	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-2.82	SI
1 Piso	P5	Top	B246-Wx-	-10.33	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	2.32	SI
1 Piso	P5	Bottom	B246-Wx-	-14.92	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.02	SI
1 Piso	P5	Top	B246-Wy+	-10.33	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	2.32	SI
1 Piso	P5	Bottom	B246-Wy+	-14.92	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.02	SI
1 Piso	P5	Top	B246-Wy-	-10.33	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	2.32	SI
1 Piso	P5	Bottom	B246-Wy-	-14.92	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.02	SI
1 Piso	P5	Top	B247-Ex+	-7.21	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	2.32	SI
1 Piso	P5	Bottom	B247-Ex+	-7.95	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.04	SI
1 Piso	P5	Top	B247-Ex-	12.14	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-2.80	SI
1 Piso	P5	Bottom	B247-Ex-	-20.87	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.04	SI
1 Piso	P5	Top	B247-Ey+	-10.53	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	7.06	SI
1 Piso	P5	Bottom	B247-Ey+	-18.60	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-0.68	SI
1 Piso	P5	Top	B247-Ey-	-6.82	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	7.29	SI
1 Piso	P5	Bottom	B247-Ey-	-12.14	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	0.30	SI
1 Piso	P5	Top	B242 G	-14.75	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-2.83	SI
1 Piso	P5	Bottom	B242 G	-21.31	0.78	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.12	SI
1 Piso	P5	Top	B243-Wx- G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.61	SI
1 Piso	P5	Bottom	B243-Wx- G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B243-Wy+ G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B243-Wy+ G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B243-Wy- G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B243-Wy- G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B244-Wx+ G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B244-Wx+ G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B244-Wx- G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B244-Wx- G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B244-Wy+ G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B244-Wy+ G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P5	Top	B244-Wy- G	-15.84	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	3.36	SI
1 Piso	P5	Bottom	B244-Wy- G	-21.90	0.79	0.97	2620	300	1920	345	1920	345	2070	2070	83.89	83.89	48.58	48.58	-1.08	SI
1 Piso	P8	Top	B241	-48.65	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	1.21	SI
1 Piso	P8	Bottom	B241	-53.14	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	-6.97	SI
1 Piso	P8	Top	B242 Loub	-64.27	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	-1.45	SI
1 Piso	P8	Bottom	B242 Loub	-68.20	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	-0.18	SI
1 Piso	P8	Top	B243-Wx+ Loub	-44.76	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	1.62	SI
1 Piso	P8	Bottom	B243-Wx+ Loub	-48.66	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	-5.29	SI
1 Piso	P5	Top	B243-Wx- Loub	-44.76	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	1.62	SI
1 Piso	P8	Bottom	B243-Wx- Loub	-48.66	1.09	0.96	3010	280	1920	345	1920	345	2370	2370	136.58	136.58	78.67	78.67	-5.29	SI

STORY	MURO	LOC.	COMB	P_M (ton)	Área mu. (m^2)	R_t	Lw (mm)	$D_{barra\ acero}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn Int (ton-m)	ΦMn ext (ton-m)	ΦMn Int (ton-m)	MD1 (ton-m)	Cumple
1 Piso	P8	Top	B243 Wy+ Loub	-44.76	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.52	SI
1 Piso	P8	Bottom	B243 Wy+ Loub	-48.56	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-8.29	SI
1 Piso	P8	Top	B243-Wy+ Loub	-44.76	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.52	SI
1 Piso	P8	Bottom	B243-Wy+ Loub	-48.56	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-8.29	SI
1 Piso	P8	Top	B244-Wx+ Loub	-60.20	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-5.29	SI
1 Piso	P8	Bottom	B244-Wx+ Loub	-62.07	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.54	SI
1 Piso	P8	Top	B244-Wx+ Loub	-60.20	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.62	SI
1 Piso	P8	Bottom	B244-Wx+ Loub	-62.07	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.54	SI
1 Piso	P8	Top	B244-Wx+ Loub	-60.20	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.62	SI
1 Piso	P8	Bottom	B244 Wy+ Loub	-62.07	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.54	SI
1 Piso	P8	Top	B245-Ex+	-50.28	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.62	SI
1 Piso	P8	Bottom	B245-Ex+	-41.00	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	8.64	SI
1 Piso	P8	Top	B245-Ex+	-85.36	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	8.90	SI
1 Piso	P8	Bottom	B245-Ex+	-79.58	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.84	SI
1 Piso	P8	Top	B245 Ey+	-52.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-22.75	SI
1 Piso	P8	Bottom	B245-Ey+	-53.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-5.45	SI
1 Piso	P8	Top	B245-Ey+	-62.81	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	2.97	SI
1 Piso	P8	Bottom	B245-Ey+	-60.78	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	3.68	SI
1 Piso	P8	Top	B246-Wx+	-22.87	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-12.27	SI
1 Piso	P8	Bottom	B246-Wx+	-35.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.09	SI
1 Piso	P8	Top	B246-Wx-	-32.87	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-4.60	SI
1 Piso	P8	Bottom	B246-Wx-	-35.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.03	SI
1 Piso	P8	Top	B248-Wy+	-32.87	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-4.59	SI
1 Piso	P8	Bottom	B248-Wy+	-35.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.01	SI
1 Piso	P8	Top	B248-Wy-	-32.87	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-4.59	SI
1 Piso	P8	Bottom	B248-Wy-	-35.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	1.03	SI
1 Piso	P8	Top	B247-Ex+	-21.68	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-4.50	SI
1 Piso	P8	Bottom	B247-Ex+	-15.87	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	7.71	SI
1 Piso	P8	Top	B247-Ex-	-35.75	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	11.27	SI
1 Piso	P8	Bottom	B247-Ex-	-52.05	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-5.10	SI
1 Piso	P8	Top	B247-Ey+	-28.10	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-18.84	SI
1 Piso	P8	Bottom	B247-Ey+	-28.10	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-8.72	SI
1 Piso	P8	Top	B247-Ey-	-30.28	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	5.76	SI
1 Piso	P8	Bottom	B247-Ey-	-40.15	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	5.34	SI
1 Piso	P8	Top	B242 G	-89.82	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-14.33	SI
1 Piso	P8	Bottom	B242 G	-79.92	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-1.75	SI
1 Piso	P8	Top	B243-Wx- G	-49.05	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	8.44	SI
1 Piso	P8	Bottom	B243 Wx- G	-52.69	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	2.17	SI
1 Piso	P8	Top	B243-Wy+ G	-40.06	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.09	SI
1 Piso	P8	Bottom	B243-Wy+ G	-52.69	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	2.17	SI
1 Piso	P8	Top	B243-Wx+ G	-49.05	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.09	SI
1 Piso	P8	Bottom	B243 Wx+ G	-52.69	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	2.17	SI
1 Piso	P8	Top	B243-Wy+ G	-49.05	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.09	SI
1 Piso	P8	Bottom	B243-Wy+ G	-52.69	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	2.17	SI
1 Piso	P8	Top	B244-Wx- G	-61.54	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.35	SI
1 Piso	P8	Bottom	B244-Wx- G	-63.36	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.32	SI
1 Piso	P8	Top	B244-Wx+ G	-61.54	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.35	SI
1 Piso	P8	Bottom	B244-Wx+ G	-63.36	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.33	SI
1 Piso	P8	Top	B244-Wy+ G	-61.54	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.35	SI
1 Piso	P8	Bottom	B244-Wy+ G	-63.36	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.33	SI
1 Piso	P8	Top	B244-Wy+ G	-61.54	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-7.35	SI
1 Piso	P8	Bottom	B244-Wy+ G	-63.36	1.09	0.96	3910	280	1920	345	1920	345	3370	3370	139.58	139.58	78.67	78.67	-0.33	SI
1 Piso	P8	Top	B241	-40.12	0.98	0.90	3910	280	1920	345	1920	345	3170	3170	126.04	126.04	72.69	72.69	2.05	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area m^2	R_v	Lw (mm)	$\phi_{Acero\ elemento}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P8	Bottom	B241	-42.48	0.99	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Top	B242 - mub	-66.28	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.17	SI
1 Piso	P8	Bottom	B242-Lcub	-65.21	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.18	SI
1 Piso	P8	Top	B243-Wx+ Lcub	-44.82	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.06	SI
1 Piso	P8	Bottom	B243-Wx+ Lcub	-39.01	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Top	B243-Wx- Lcub	-44.82	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Bottom	B243-Wx- Lcub	-39.01	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Top	B243-Wy+ Lcub	-44.82	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Bottom	B243-Wy+ Lcub	-39.01	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Top	B243-Wy- Lcub	-44.82	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Bottom	B243-Wy- Lcub	-39.01	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Top	B244-Wx+ Lcub	-59.52	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.12	SI
1 Piso	P8	Bottom	B244-Wx+ Lcub	-49.75	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P8	Top	B244-Wx- Lcub	-59.52	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.16	SI
1 Piso	P8	Bottom	B244-Wx- Lcub	-49.75	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P8	Top	B244-Wy+ Lcub	-59.52	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.16	SI
1 Piso	P8	Bottom	B244-Wy+ Lcub	-49.75	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P8	Top	B244-Wy- Lcub	-59.52	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.16	SI
1 Piso	P8	Bottom	B244-Wy- Lcub	-49.75	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P8	Top	B245-Ex+	-57.68	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.18	SI
1 Piso	P8	Bottom	B245-Ex+	-48.27	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.08	SI
1 Piso	P8	Top	B245-Ex-	-58.06	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.08	SI
1 Piso	P8	Bottom	B245-Ex-	-47.31	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.50	SI
1 Piso	P8	Top	B245-Ey+	-57.01	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.23	SI
1 Piso	P8	Bottom	B245-Ey+	-47.87	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-7.27	SI
1 Piso	P8	Top	B245-Ey-	-56.03	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	5.01	SI
1 Piso	P8	Bottom	B245-Ey-	-47.71	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	7.17	SI
1 Piso	P8	Top	B246-Wx+	-32.61	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-1.66	SI
1 Piso	P8	Bottom	B246-Wx+	-28.68	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Top	B246-Wx-	-32.61	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Bottom	B246-Wx-	-28.68	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Top	B246-Wy+	-32.61	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Bottom	B246-Wy+	-28.68	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.03	SI
1 Piso	P8	Top	B246-Wy-	-32.61	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Bottom	B246-Wy-	-28.68	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.03	SI
1 Piso	P8	Top	B247-Ex+	-31.70	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.09	SI
1 Piso	P8	Bottom	B247-Ex+	-27.86	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.56	SI
1 Piso	P8	Top	B247-Ex-	-30.17	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.56	SI
1 Piso	P8	Bottom	B247-Ex-	-26.84	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.19	SI
1 Piso	P8	Top	B247-Ey+	-31.12	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-7.19	SI
1 Piso	P8	Bottom	B247-Ey+	-27.40	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	4.93	SI
1 Piso	P8	Top	B247-Ey-	-30.75	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	7.25	SI
1 Piso	P8	Bottom	B247-Ey-	-27.24	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	4.75	SI
1 Piso	P8	Top	B242 G	-55.51	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.11	SI
1 Piso	P8	Bottom	B242 G	-55.31	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.19	SI
1 Piso	P8	Top	B243-Wx- G	-49.70	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Bottom	B243-Wx- G	-42.54	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.10	SI
1 Piso	P8	Top	B243-Wy- G	-49.70	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Bottom	B243-Wy- G	-42.54	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.10	SI
1 Piso	P8	Top	B243-Wx+ G	-49.70	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Bottom	B243-Wx+ G	-42.54	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.10	SI
1 Piso	P8	Top	B243-Wy+ G	-49.70	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.04	SI
1 Piso	P8	Bottom	B243-Wy+ G	-42.54	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.10	SI
1 Piso	P8	Top	B244 Wx- G	-61.05	0.98	0.96	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P8	Bottom	B244-Wx- G	-50.05	0.98	0.98	3510	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.17	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área asc. (m²)	R_x	Lw (mm)	$b_{nucleo\ confinado}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn axi (ton-m)	ΦMn int (ton-m)	M13 (ton-m)	Cumple
1 Piso	P10	Top	B244-Wx+ G	-61.05	0.98	0.98	3810	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.08	SI
1 Piso	P8	Bottom	B244-Wx+ G	-60.85	0.98	0.98	3810	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.17	SI
1 Piso	P8	Top	B244-Wx+ G	-61.05	0.98	0.98	3810	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	-0.05	SI
1 Piso	P9	Bottom	B244-Wx+ G	-61.05	0.98	0.98	3810	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.17	SI
1 Piso	P9	Top	B244-Wx+ G	-60.85	0.98	0.98	3810	280	1920	345	1920	345	3110	3110	126.04	126.04	72.60	72.60	0.05	SI
1 Piso	P8	Top	B241	-60.47	1.09	0.89	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.17	SI
1 Piso	P9	Bottom	B241	-66.78	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.60	SI
1 Piso	P9	Top	B242 Loub	-66.30	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.65	SI
1 Piso	P8	Bottom	B242 Loub	-68.10	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-4.84	SI
1 Piso	P8	Top	B243-Wx+ Loub	-48.42	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	8.57	SI
1 Piso	P8	Bottom	B243-Wx+ Loub	-51.69	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.16	SI
1 Piso	P8	Top	B243-Wx+ Loub	-48.42	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	9.04	SI
1 Piso	P9	Bottom	B243-Wx+ Loub	-51.69	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.16	SI
1 Piso	P9	Top	B243-Wx+ Loub	-48.42	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	9.04	SI
1 Piso	P8	Bottom	B243-Wx+ Loub	-51.69	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.16	SI
1 Piso	P9	Top	B242-Wx+ Loub	-59.81	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	9.04	SI
1 Piso	P9	Bottom	B244-Wx+ Loub	-62.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.92	SI
1 Piso	P8	Top	B244-Wx+ Loub	-56.85	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	8.95	SI
1 Piso	P8	Bottom	B244-Wx+ Loub	-62.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.92	SI
1 Piso	P9	Top	B244-Wx+ Loub	-59.81	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	8.95	SI
1 Piso	P9	Bottom	B244-Wx+ Loub	-62.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.92	SI
1 Piso	P8	Top	B245-Ex-	-54.42	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	8.38	SI
1 Piso	P9	Bottom	B245-Ex+	-51.70	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-8.34	SI
1 Piso	P9	Top	B245-Ex-	-59.96	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.08	SI
1 Piso	P8	Bottom	B245-Ex-	-59.00	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.08	SI
1 Piso	P8	Top	B245-Ex+	-62.25	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	14.54	SI
1 Piso	P9	Bottom	B245-Ex+	-66.23	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-7.77	SI
1 Piso	P9	Top	B245-Ex+	-56.26	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	18.07	SI
1 Piso	P8	Bottom	B245-Ex+	-54.47	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	2.48	SI
1 Piso	P8	Top	B246-Wx+	-34.11	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.47	SI
1 Piso	P9	Bottom	B246-Wx+	-38.20	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.20	SI
1 Piso	P9	Top	B248-Wx-	-34.11	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	5.59	SI
1 Piso	P8	Bottom	B248-Wx-	-38.20	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.20	SI
1 Piso	P8	Top	B248-Wx+	-34.11	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	5.59	SI
1 Piso	P9	Bottom	B248-Wx+	-38.20	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.20	SI
1 Piso	P9	Top	B246-Wx+	-34.11	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	5.59	SI
1 Piso	P8	Bottom	B246-Wx+	-38.20	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.20	SI
1 Piso	P8	Top	B247-Ex+	-29.71	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	5.59	SI
1 Piso	P9	Bottom	B247-Ex+	-27.65	1.09	0.80	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.90	SI
1 Piso	P9	Top	B247-Ex-	-35.18	1.09	0.80	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-2.11	SI
1 Piso	P8	Bottom	B247-Ex-	-43.15	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	0.07	SI
1 Piso	P8	Top	B247-Ex+	37.47	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-4.30	SI
1 Piso	P8	Bottom	B247-Ex+	42.39	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-4.73	SI
1 Piso	P9	Top	B247-Ex-	-27.42	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	16.01	SI
1 Piso	P9	Bottom	B247-Ex-	-30.62	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	5.80	SI
1 Piso	P8	Top	B242 G	-67.68	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-4.82	SI
1 Piso	P9	Bottom	B242 G	-66.49	1.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-4.76	SI
1 Piso	P9	Top	B243-Wx-G	-50.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	8.93	SI
1 Piso	P8	Bottom	B243-Wx-G	-56.20	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-0.33	SI
1 Piso	P8	Top	B243-Wx-G	-50.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	10.20	SI
1 Piso	P9	Top	B243-Wx-G	-50.79	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.99	136.99	78.91	78.91	-0.33	SI

STORY	MURO	LOC.	COMB	Pu (kon)	Área elem. (cm²)	Rx	Lw (mm)	Espesor alterno (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn sup (ton-m)	Mn inf (ton-m)	ΦMn sup (ton-m)	ΦMn inf (ton-m)	Mu3 (ton-m)	Cumple
1 Piso	P9	Bottom	B243-Wy+ G	-55.29	3.09	0.98	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	-0.20	SI
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	-0.33	SI
1 Piso	P9	Bottom	B243-Wy+ G	-56.29	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	10.20	SI
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	-0.33	SI
1 Piso	P9	Bottom	B244-Wx- G	-56.29	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	10.20	SI
1 Piso	P9	Top	B244-Wx- G	-50.86	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	-0.07	SI
1 Piso	P9	Bottom	B244-Wx- G	-56.16	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	9.31	SI
1 Piso	P9	Top	B244-Wx+ G	-50.86	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	-0.07	SI
1 Piso	P9	Bottom	B244-Wx+ G	-56.16	1.09	0.96	3810	280	1920	345	1920	345	3380	3380	136.98	136.98	78.91	78.91	9.31	SI
1 Piso	P10	Top	B241	-40.93	1.03	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	11.56	SI
1 Piso	P10	Bottom	B241	-56.29	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	19.21	SI
1 Piso	P10	Top	B242 Loub	-44.82	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	11.56	SI
1 Piso	P10	Bottom	B242 Loub	-56.79	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	19.38	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	17.08	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-46.63	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	12.36	SI
1 Piso	P10	Top	B243-Wx- Loub	-37.23	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	11.34	SI
1 Piso	P10	Bottom	B243-Wx- Loub	-46.63	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	12.38	SI
1 Piso	P10	Top	B243-Wy+ Loub	-37.23	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.34	SI
1 Piso	P10	Bottom	B243-Wy+ Loub	-46.63	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	12.38	SI
1 Piso	P10	Top	B243-Wy- Loub	-37.23	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.34	SI
1 Piso	P10	Bottom	B243-Wy- Loub	-46.63	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	12.38	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.36	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.34	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	16.70	SI
1 Piso	P10	Top	B244-Wx- Loub	-42.36	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	14.85	SI
1 Piso	P10	Bottom	B244-Wx- Loub	-54.64	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	16.70	SI
1 Piso	P10	Top	B244-Wy+ Loub	-42.36	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	14.85	SI
1 Piso	P10	Bottom	B244-Wy+ Loub	-54.64	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	16.70	SI
1 Piso	P10	Top	B244-Wy- Loub	-42.36	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	14.85	SI
1 Piso	P10	Bottom	B244-Wy- Loub	-54.64	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	16.70	SI
1 Piso	P10	Top	B245-Ex+	-46.60	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	14.85	SI
1 Piso	P10	Bottom	B245-Ex+	-59.37	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	18.13	SI
1 Piso	P10	Top	B245-Ex-	-34.85	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.01	SI
1 Piso	P10	Bottom	B245-Ex-	-46.49	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	-0.35	SI
1 Piso	P10	Top	B245 Ey+	-36.55	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	-0.99	SI
1 Piso	P10	Bottom	B245-Ey+	-56.67	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	18.57	SI
1 Piso	P10	Top	B245-Ey-	-42.09	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	12.17	SI
1 Piso	P10	Bottom	B245-Ey-	-49.19	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.27	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	-21.14	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	9.05	SI
1 Piso	P10	Top	B246-Wx-	-27.44	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	7.86	SI
1 Piso	P10	Bottom	B246-Wx-	-36.71	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	9.05	SI
1 Piso	P10	Top	B246-Wy+	-27.44	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	7.86	SI
1 Piso	P10	Bottom	B246-Wy+	-36.71	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	9.05	SI
1 Piso	P10	Top	B246-Wy-	-27.44	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	7.86	SI
1 Piso	P10	Bottom	B246-Wy-	-36.71	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	9.05	SI
1 Piso	P10	Top	B247-Ex+	-32.17	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	7.86	SI
1 Piso	P10	Bottom	B247-Ex+	-41.96	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	20.74	SI
1 Piso	P10	Top	B247-Ex-	-29.45	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	22.94	SI
1 Piso	P10	Bottom	B247-Ex-	-29.06	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	-13.76	SI
1 Piso	P10	Top	B247-Ey+	-24.12	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	8.00	SI
1 Piso	P10	Bottom	B247-Ey+	-29.26	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	11.16	SI

ANEXO 4. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PARALELA AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	Pu (tonf)	Area (m^2)	R_w	Lw (mm)	(mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn xxx (ton-m)	Mn int (ton-m)	ØMn xxx (ton-m)	ØMn int (ton-m)	Mu3 (ton-m)	Cumple
1 Piso	P10	Top	B247-Ey-	-28.50	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	5.02	SI
1 Piso	P10	Bottom	B247-Ey-	-31.79	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	-28.20	SI
1 Piso	P10	Top	B242 G	-45.94	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	19.35	SI
1 Piso	P10	Bottom	B242 G	-57.75	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	17.58	SI
1 Piso	P10	Top	B243-Wx- G	-40.17	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	13.84	SI
1 Piso	P10	Bottom	B243-Wx- G	-52.73	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.94	SI
1 Piso	P10	Top	B243-Wy- G	-40.17	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	13.84	SI
1 Piso	P10	Bottom	B243-Wy- G	-52.73	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.94	SI
1 Piso	P10	Top	B244-Wx- G	-40.17	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	13.84	SI
1 Piso	P10	Bottom	B244-Wx- G	-52.73	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.94	SI
1 Piso	P10	Top	B244-Wy- G	-40.17	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	13.84	SI
1 Piso	P10	Bottom	B244-Wy- G	-52.73	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	10.94	SI
1 Piso	P10	Top	B244-Wx+ G	-43.28	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	15.04	SI
1 Piso	P10	Bottom	B244-Wx+ G	-55.61	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	17.18	SI
1 Piso	P10	Top	B244-Wy+ G	-43.28	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	15.04	SI
1 Piso	P10	Bottom	B244-Wy+ G	-55.61	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	17.18	SI
1 Piso	P10	Top	B244-Wy+ G	-43.28	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	15.04	SI
1 Piso	P10	Bottom	B244-Wy+ G	-55.61	1.63	0.97	5420	300	1920	345	1920	345	5600	5600	226.95	226.95	131.44	131.44	17.18	SI
1 Piso	P11	Top	B247	-46.57	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.25	SI
1 Piso	P11	Bottom	B241	-60.81	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	3.87	SI
1 Piso	P11	Top	B242 Lqui	-52.02	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.14	SI
1 Piso	P11	Bottom	B242 Lqui	-70.21	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	10.27	SI
1 Piso	P11	Top	B243-Wx+ Lqui	-42.72	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.91	SI
1 Piso	P11	Bottom	B243-Wx+ Lqui	-60.28	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.05	SI
1 Piso	P11	Top	B243-Wx- Lqui	-42.72	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.91	SI
1 Piso	P11	Bottom	B243-Wx- Lqui	-60.28	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.05	SI
1 Piso	P11	Top	B243-Wy+ Lqui	-42.72	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.91	SI
1 Piso	P11	Bottom	B243-Wy+ Lqui	-60.28	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.05	SI
1 Piso	P11	Top	B243-Wy- Lqui	-42.72	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.91	SI
1 Piso	P11	Bottom	B243-Wy- Lqui	-60.28	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.05	SI
1 Piso	P11	Top	B244-Wx+ Lqui	-48.20	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.05	SI
1 Piso	P11	Bottom	B244-Wx+ Lqui	-67.16	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	6.00	SI
1 Piso	P11	Top	B244-Wx- Lqui	-48.20	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	13.92	SI
1 Piso	P11	Bottom	B244-Wx- Lqui	-67.16	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	6.00	SI
1 Piso	P11	Top	B244-Wy+ Lqui	-48.20	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	10.92	SI
1 Piso	P11	Bottom	B244-Wy+ Lqui	-67.16	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.00	SI
1 Piso	P11	Top	B244-Wy- Lqui	-48.20	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	13.92	SI
1 Piso	P11	Bottom	B244-Wy- Lqui	-67.16	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	6.00	SI
1 Piso	P11	Top	B245 Ex+	-39.87	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	10.92	SI
1 Piso	P11	Bottom	B245 Ex+	-47.46	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-17.26	SI
1 Piso	P11	Top	B245-Ex-	-54.29	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-30.52	SI
1 Piso	P11	Bottom	B245-Ex-	-82.47	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	28.07	SI
1 Piso	P11	Top	B245-Ey+	-48.29	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	57.43	SI
1 Piso	P11	Bottom	B245-Ey+	-68.43	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	3.71	SI
1 Piso	P11	Top	B245 Ey-	-45.50	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	46.63	SI
1 Piso	P11	Bottom	B245-Ey-	-63.51	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	7.34	SI
1 Piso	P11	Top	B246-Wx+	-31.41	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	22.72	SI
1 Piso	P11	Bottom	B246-Wx+	-44.55	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.25	SI
1 Piso	P11	Top	B246-Wx-	-31.41	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	5.90	SI
1 Piso	P11	Bottom	B246 Wx	-44.55	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.25	SI
1 Piso	P11	Top	B246-Wy+	-31.41	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	5.90	SI
1 Piso	P11	Bottom	B246-Wy+	-44.55	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	1.25	SI
1 Piso	P11	Top	B246-Wy-	-31.41	1.93	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	6.90	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área cor (m²)	R_t	Lw (mm)	(mm)	As T (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d y (mm)	d Z (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M2S (ton-m)	Cumple
1 Piso	P11	Bottom	B249-Wy+	-44.55	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	5.00	SI
1 Piso	P11	Top	B247-Ey+	-22.73	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-21.80	SI
1 Piso	P11	Bottom	B247-Ey+	-25.57	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-20.40	SI
1 Piso	P11	Top	B247-Ey-	-37.19	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	23.46	SI
1 Piso	P11	Bottom	B247-Ey-	-60.52	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	49.56	SI
1 Piso	P11	Top	B247-Ey+	-31.12	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-0.85	SI
1 Piso	P11	Bottom	B247-Ey+	-44.47	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	41.75	SI
1 Piso	P11	Top	B247-Ey-	-28.76	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	7.45	SI
1 Piso	P11	Bottom	B247-Ey-	-41.92	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	-36.67	SI
1 Piso	P11	Top	B242 G	-50.22	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.90	SI
1 Piso	P11	Bottom	B242 G	-71.48	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	17.47	SI
1 Piso	P11	Top	B243-Wx- G	-40.58	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	3.04	SI
1 Piso	P11	Bottom	B243-Wx- G	-64.28	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.90	SI
1 Piso	P11	Top	B243-Wy- G	-48.56	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	3.04	SI
1 Piso	P11	Bottom	B243-Wy- G	-64.28	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.90	SI
1 Piso	P11	Top	B243-Wx+ G	-46.56	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.00	SI
1 Piso	P11	Bottom	B243-Wx+ G	-64.28	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	3.04	SI
1 Piso	P11	Top	B244-Wx- G	-50.40	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.90	SI
1 Piso	P11	Bottom	B244-Wx- G	-68.43	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.38	SI
1 Piso	P11	Top	B244-Wy+ G	-50.40	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	14.18	SI
1 Piso	P11	Bottom	B244-Wy+ G	-68.43	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.38	SI
1 Piso	P11	Top	B244-Wy+ G	-50.40	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	14.19	SI
1 Piso	P11	Bottom	B244-Wy+ G	-68.43	1.83	0.97	6090	300	1920	345	1920	345	6500	6500	263.43	263.43	152.56	152.56	8.38	SI
1 Piso	P12	Top	B241	-51.81	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-3.04	SI
1 Piso	P12	Bottom	B241	-58.50	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.87	SI
1 Piso	P12	Top	B242 Loub	-81.41	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.38	SI
1 Piso	P12	Bottom	B242 Loub	-77.12	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-6.87	SI
1 Piso	P12	Top	B243-Wx+ Loub	-48.35	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	2.51	SI
1 Piso	P12	Bottom	B243-Wx+ Loub	-51.11	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.51	SI
1 Piso	P12	Top	B243-Wx- Loub	-48.35	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.32	SI
1 Piso	P12	Bottom	B243-Wx- Loub	-51.11	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.51	SI
1 Piso	P12	Top	B243-Wy+ Loub	-48.35	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.32	SI
1 Piso	P12	Bottom	B243-Wy+ Loub	-51.11	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.51	SI
1 Piso	P12	Top	B243-Wy- Loub	-48.35	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	7.32	SI
1 Piso	P12	Bottom	B243-Wy- Loub	-51.11	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.51	SI
1 Piso	P12	Top	B244-Wx- Loub	-60.02	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.30	SI
1 Piso	P12	Bottom	B244-Wx+ Loub	-68.21	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.16	SI
1 Piso	P12	Top	B244-Wx- Loub	-68.21	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.47	SI
1 Piso	P12	Bottom	B244-Wx- Loub	-68.21	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	7.16	SI
1 Piso	P12	Top	B244-Wy+ Loub	-69.82	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.47	SI
1 Piso	P12	Bottom	B244-Wy+ Loub	-68.21	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.16	SI
1 Piso	P12	Top	B244-Wy- Loub	-69.82	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.47	SI
1 Piso	P12	Bottom	B244-Wy- Loub	-68.21	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.16	SI
1 Piso	P12	Top	B245-Ex-	-57.38	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.47	SI
1 Piso	P12	Bottom	B245-Ex-	-60.17	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-10.54	SI
1 Piso	P12	Top	B245-Ex+	-62.60	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-20.57	SI
1 Piso	P12	Bottom	B245-Ex+	-60.89	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-9.52	SI
1 Piso	P12	Top	B245-Ey+	-81.57	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	4.70	SI
1 Piso	P12	Bottom	B245-Ey+	-84.48	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-11.77	SI
1 Piso	P12	Top	B245-Ey-	-72.10	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	2.09	SI
1 Piso	P12	Bottom	B245-Ey-	-71.67	1.09	0.98	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-17.88	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área Bruta (m²)	ϕ_v	Lw (mm)	$h_{muro\ abajo}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn sup (ton-m)	Mn inf (ton-m)	ΦMn sup (ton-m)	ΦMn inf (ton-m)	MD (ton-m)	Cumple
1 Piso	P12	Top	B248-Wx+	-35.41	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-1.90	SI
1 Piso	P12	Bottom	B248-Wx+	-37.54	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.33	SI
1 Piso	P12	Top	B246-Wx-	-35.41	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-1.90	SI
1 Piso	P12	Bottom	B246-Wx-	-37.54	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.33	SI
1 Piso	P12	Top	B246-Wy+	-35.41	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-1.90	SI
1 Piso	P12	Bottom	B246-Wy+	-37.54	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.33	SI
1 Piso	P12	Top	B246-Wy-	-35.41	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-1.90	SI
1 Piso	P12	Bottom	B246-Wy-	-37.54	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.33	SI
1 Piso	P12	Top	B247-Ex+	-37.74	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.36	SI
1 Piso	P12	Bottom	B247-Ex+	-50.32	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-11.04	SI
1 Piso	P12	Top	B247-Ex-	-29.06	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	1.30	SI
1 Piso	P12	Bottom	B247-Ex-	-41.04	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	7.74	SI
1 Piso	P12	Top	B247-Ey+	-28.20	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-5.80	SI
1 Piso	P12	Bottom	B247-Ey+	-29.64	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	5.06	SI
1 Piso	P12	Top	B247-Ey-	-38.46	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	1.89	SI
1 Piso	P12	Bottom	B247-Ey-	-41.72	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-14.81	SI
1 Piso	P12	Top	B242 G	-83.05	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	9.54	SI
1 Piso	P12	Bottom	B242 G	-78.83	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	8.19	SI
1 Piso	P12	Top	B243-Wx+ G	-55.56	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.30	SI
1 Piso	P12	Bottom	B243-Wx+ G	-55.95	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.35	SI
1 Piso	P12	Top	B243-Wx- G	-53.58	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.30	SI
1 Piso	P12	Bottom	B243-Wx- G	-55.95	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.35	SI
1 Piso	P12	Top	B243-Wy+ G	-53.58	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.30	SI
1 Piso	P12	Bottom	B243-Wy+ G	-55.95	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.35	SI
1 Piso	P12	Top	B243-Wy- G	-53.58	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-2.30	SI
1 Piso	P12	Bottom	B243-Wy- G	-55.95	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.35	SI
1 Piso	P12	Top	B244-Wx+ G	-71.56	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.12	SI
1 Piso	P12	Bottom	B244-Wx+ G	-69.72	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.79	SI
1 Piso	P12	Top	B244-Wx- G	-71.56	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.12	SI
1 Piso	P12	Bottom	B244-Wx- G	-69.72	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.79	SI
1 Piso	P12	Top	B244-Wy+ G	-71.56	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-7.12	SI
1 Piso	P12	Bottom	B244-Wy+ G	-69.72	1.09	0.96	3880	280	1920	345	1920	345	3350	3350	135.77	135.77	78.21	78.21	-8.79	SI
1 Piso	P14	Top	B241	-46.28	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.49	SI
1 Piso	P14	Bottom	B241	-42.63	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.60	SI
1 Piso	P14	Top	B242 Loub	-7.49	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.60	SI
1 Piso	P14	Bottom	B242 Loub	-80.87	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.04	SI
1 Piso	P14	Top	B243-Wx+ Loub	-45.06	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B243-Wx+ Loub	-39.19	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B243-Wx- Loub	-45.06	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B243-Wx- Loub	-39.19	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B243 Wy+ Loub	-45.06	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.04	SI
1 Piso	P14	Bottom	B243-Wy+ Loub	-39.19	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B243-Wy- Loub	-45.06	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B243-Wy- Loub	-39.19	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B244-Wx+ Loub	-64.33	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B244-Wx+ Loub	-51.25	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B244-Wx- Loub	-64.33	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B244-Wx- Loub	-51.25	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B244-Wy+ Loub	-64.33	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B244-Wy+ Loub	-51.25	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B244-Wy- Loub	-64.33	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.64	SI
1 Piso	P14	Bottom	B244-Wy- Loub	-51.25	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.07	SI
1 Piso	P14	Top	B245-Ex+	-60.87	0.97	0.96	3470	280	1920	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.95	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m^2)	R_n	Lw (mm)	$b_{boundary\ element}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn sect (ton-m)	Mn lnl (ton-m)	ΦMn sect (ton-m)	ΦMn lnl (ton-m)	MSI (ton-m)	Cumple
1 Piso	P14	Bottom	B243-Ex+	-50.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.04	SI
1 Piso	P14	Top	B245-Ex-	-62.23	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.12	SI
1 Piso	P14	Bottom	B245-Ex-	-51.65	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.00	SI
1 Piso	P14	Top	B245-Ey+	-62.20	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	7.48	SI
1 Piso	P14	Bottom	B245-Ey+	-51.65	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	4.71	SI
1 Piso	P14	Top	B245-Ey-	-63.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	5.50	SI
1 Piso	P14	Bottom	B245-Ey-	50.83	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-4.70	SI
1 Piso	P14	Top	B246-Wx+	-32.93	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.03	SI
1 Piso	P14	Bottom	B246-Wx+	-26.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Top	B246-Wx-	-32.88	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.03	SI
1 Piso	P14	Bottom	B246-Wx-	-26.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Top	B246-Wy+	-32.98	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.03	SI
1 Piso	P14	Bottom	B246-Wy+	-26.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Top	B246-Wy-	-32.98	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.03	SI
1 Piso	P14	Bottom	B246-Wy-	-26.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Top	B247-Ex+	-30.95	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.59	SI
1 Piso	P14	Bottom	B247-Ex+	-26.98	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.02	SI
1 Piso	P14	Top	B247-Ex-	-31.73	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	0.03	SI
1 Piso	P14	Bottom	B247-Ex-	-27.85	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Top	B247-Ey+	-31.89	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-7.31	SI
1 Piso	P14	Bottom	B247-Ey+	-27.81	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	4.69	SI
1 Piso	P14	Top	B247-Ey-	-30.40	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	5.68	SI
1 Piso	P14	Bottom	B247-Ey-	-26.99	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-4.72	SI
1 Piso	P14	Top	B242 G	-76.95	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.04	SI
1 Piso	P14	Bottom	B242 G	-61.81	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.02	SI
1 Piso	P14	Top	B243-Wx- G	-50.05	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.06	SI
1 Piso	P14	Bottom	B243-Wx- G	-42.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.15	SI
1 Piso	P14	Top	B243-Wy- G	-50.08	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.06	SI
1 Piso	P14	Bottom	B243-Wy- G	-42.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.15	SI
1 Piso	P14	Top	B243 Wx+ G	-50.08	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.06	SI
1 Piso	P14	Bottom	B243-Wx+ G	-42.83	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.15	SI
1 Piso	P14	Top	B243-Wy+ G	-50.08	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.06	SI
1 Piso	P14	Bottom	B243-Wy+ G	-42.80	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.15	SI
1 Piso	P14	Top	B244-Wx- G	-65.90	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.77	SI
1 Piso	P14	Bottom	B244-Wx- G	-54.38	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.96	SI
1 Piso	P14	Top	B244-Wx+ G	-65.90	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.77	SI
1 Piso	P14	Bottom	B244-Wx+ G	-54.38	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.96	SI
1 Piso	P14	Top	B244-Wy- G	-65.90	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.77	SI
1 Piso	P14	Bottom	B244-Wy- G	-54.38	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.96	SI
1 Piso	P14	Top	B244-Wy+ G	-65.90	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.77	SI
1 Piso	P14	Bottom	B244-Wy+ G	-54.38	0.97	0.96	3470	280	1020	345	1920	345	3080	3080	124.83	124.83	71.90	71.90	-0.96	SI
1 Piso	P15	Top	B241	-51.15	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.04	SI
1 Piso	P15	Bottom	B241	-56.76	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.01	SI
1 Piso	P15	Top	B242 Loub	-73.47	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-8.66	SI
1 Piso	P15	Bottom	B242 Loub	-73.12	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	7.52	SI
1 Piso	P15	Top	B243-Wx+ Loub	-47.00	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.15	SI
1 Piso	P15	Bottom	B243-Wx+ Loub	-51.80	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.46	SI
1 Piso	P15	Top	B243-Wx- Loub	-47.00	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.15	SI
1 Piso	P15	Bottom	B243-Wx- Loub	-51.80	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.46	SI
1 Piso	P15	Top	B243-Wy+ Loub	-47.00	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.15	SI
1 Piso	P15	Bottom	B243-Wy+ Loub	-51.80	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.46	SI
1 Piso	P15	Top	B243-Wy- Loub	-47.00	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.15	SI
1 Piso	P15	Bottom	B243-Wy- Loub	-51.80	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.46	SI
1 Piso	P15	Top	B244-Wx+ Loub	-64.31	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-8.18	SI
1 Piso	P15	Bottom	B244-Wx+ Loub	-65.88	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.26	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area cor. (m²)	R_x	Lw (mm)	hwcw usado (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu3 (ton-m)	Cumple
2 Piso	P16	Top	B244-Wy+ Loub	-64.31	1.11	0.98	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.00	80.08	-4.16	SI
2 Piso	P15	Bottom	B244-Wy+ Loub	-95.85	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	138.01	139.01	80.08	80.08	8.05	SI
1 Piso	P15	Top	B244-Wy+ Loub	-64.31	1.11	0.98	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-4.16	SI
1 Piso	P15	Bottom	B244-Wy+ Loub	-95.85	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.05	SI
2 Piso	P15	Top	B244-Wy- Loub	64.31	1.11	0.98	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-4.16	SI
2 Piso	P15	Bottom	B244-Wy- Loub	95.85	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.05	SI
1 Piso	P15	Top	B245-Ex+	-64.22	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-1.89	SI
1 Piso	P15	Bottom	B245-Ex+	-72.50	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-1.89	SI
1 Piso	P15	Top	B245-Ex-	-39.60	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	16.16	SI
1 Piso	P15	Bottom	B245-Ex-	-54.50	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-5.91	SI
1 Piso	P15	Top	B245-Ey+	-66.82	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-8.59	SI
1 Piso	P15	Bottom	B245-Ey+	-80.24	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-8.59	SI
1 Piso	P15	Top	B245-Ey-	-57.01	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	17.85	SI
1 Piso	P15	Bottom	B245-Ey-	-57.76	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	7.19	SI
1 Piso	P15	Top	B246-Wx+	-38.56	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-2.87	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.22	SI
1 Piso	P15	Top	B246-Wx-	-34.68	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.18	SI
1 Piso	P15	Bottom	B246-Wx-	-38.14	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.22	SI
1 Piso	P15	Top	B246-Wy+	-34.56	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.18	SI
1 Piso	P15	Bottom	B246-Wy+	-38.14	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.22	SI
1 Piso	P15	Top	B246-Wy-	-38.56	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.18	SI
1 Piso	P15	Bottom	B246-Wy-	-38.14	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	0.22	SI
1 Piso	P15	Top	B247-Ex+	-36.21	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.18	SI
1 Piso	P15	Bottom	B247-Ex+	-45.49	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	2.40	SI
1 Piso	P15	Top	B247-Ex-	-30.58	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	14.46	SI
1 Piso	P15	Bottom	B247-Ex-	-37.49	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-1.60	SI
1 Piso	P15	Top	B247-Ey+	-37.01	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-2.87	SI
1 Piso	P15	Bottom	B247-Ey+	-42.23	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-4.68	SI
1 Piso	P15	Top	B247-Ey-	-27.99	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	16.16	SI
1 Piso	P15	Bottom	B247-Ey-	-30.75	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	5.51	SI
1 Piso	P15	Top	B242 G	-73.62	1.11	0.98	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-4.67	SI
1 Piso	P15	Bottom	B242 G	-73.47	1.11	0.98	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-8.91	SI
1 Piso	P15	Top	B243-Wx- G	-51.35	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	7.89	SI
1 Piso	P15	Bottom	B243-Wx- G	-56.10	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-0.59	SI
1 Piso	P15	Top	B243-Wy- G	-61.05	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	9.46	SI
1 Piso	P15	Bottom	B243-Wy- G	-56.10	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-0.59	SI
1 Piso	P15	Top	B243-Wx+ G	-51.35	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	9.46	SI
1 Piso	P15	Bottom	B243-Wx+ G	-56.10	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-0.59	SI
1 Piso	P15	Top	B243-Wy+ G	-51.35	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	9.46	SI
1 Piso	P15	Bottom	B243-Wy+ G	-56.10	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	-0.59	SI
1 Piso	P15	Top	B244-Wx- G	-65.68	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	9.46	SI
1 Piso	P15	Bottom	B244-Wx- G	-67.22	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	4.34	SI
1 Piso	P15	Top	B244-Wx+ G	-65.68	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.38	SI
1 Piso	P15	Bottom	B244-Wx+ G	-67.22	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	4.34	SI
1 Piso	P15	Top	B244-Wy- G	-65.85	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.56	SI
1 Piso	P15	Bottom	B244-Wy- G	-67.22	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	4.34	SI
1 Piso	P15	Top	B244-Wy+ G	-65.85	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	8.56	SI
1 Piso	P15	Bottom	B244-Wy+ G	-67.22	1.11	0.96	3960	280	1920	345	1920	345	3430	3430	139.01	139.01	80.08	80.08	4.34	SI
1 Piso	P16	Top	B241	-10.64	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-0.41	SI
1 Piso	P16	Bottom	B241	-20.77	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-1.99	SI
1 Piso	P16	Top	B242 Loub	-19.44	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-2.88	SI
1 Piso	P16	Bottom	B242 Loub	-23.82	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-1.99	SI
1 Piso	P16	Top	B243 Wx+ Loub	-12.80	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-0.34	SI
1 Piso	P16	Bottom	B243 Wx+ Loub	-19.19	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Top	B245 Wx- Loub	12.90	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	59.09	53.09	30.75	30.75	-0.34	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Bec. (m²)	R_k	Lw (mm)	Espesor alma (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mdin ext (ton-m)	Mdin int (ton-m)	MSS (ton-m)	Cumple
1 Piso	P16	Bottom	B243-Wx- Loub	-10.18	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Top	B243-Wx+ Loub	-12.90	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Bottom	B243-Wy+ Loub	-19.18	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Top	B243-Wy+ Loub	-12.80	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Bottom	B243-Wy- Loub	-19.18	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.34	SI
1 Piso	P16	Top	B244-Wx+ Loub	-15.40	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.74	SI
1 Piso	P16	Bottom	B244-Wx+ Loub	-22.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.87	SI
1 Piso	P16	Top	B244-Wx- Loub	-15.40	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.94	SI
1 Piso	P16	Bottom	B244-Wx- Loub	-22.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B244-Wy+ Loub	-15.40	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.94	SI
1 Piso	P16	Bottom	B244-Wy+ Loub	-22.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B244-Wy- Loub	-15.40	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.94	SI
1 Piso	P16	Bottom	B244-Wy- Loub	-22.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B245-Ex+	-15.67	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.94	SI
1 Piso	P16	Bottom	B245-Ex+	-22.19	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.09	SI
1 Piso	P16	Top	B245-Ex-	-10.77	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.49	SI
1 Piso	P16	Bottom	B245-Ex-	-20.64	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.27	SI
1 Piso	P16	Top	B245-Ey+	-14.55	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-2.16	SI
1 Piso	P16	Bottom	B245-Ey+	-19.95	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.24	SI
1 Piso	P16	Top	B245-Ey-	-14.49	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.47	SI
1 Piso	P16	Bottom	B245-Ey-	-21.37	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.12	SI
1 Piso	P16	Top	B246-Wx+	-9.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-4.09	SI
1 Piso	P16	Bottom	B246-Wx+	-14.07	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.26	SI
1 Piso	P16	Top	B246-Wx-	-9.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.27	SI
1 Piso	P16	Bottom	B246-Wx-	-14.07	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.26	SI
1 Piso	P16	Top	B246-Wy+	-9.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.27	SI
1 Piso	P16	Bottom	B246-Wy+	-14.07	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.26	SI
1 Piso	P16	Top	B246-Wy-	-9.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.27	SI
1 Piso	P16	Bottom	B246-Wy-	-14.07	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.26	SI
1 Piso	P16	Top	B247-Ex+	-9.49	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.27	SI
1 Piso	P16	Bottom	B247-Ex+	-14.17	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.26	SI
1 Piso	P16	Top	B247-Ex-	-9.05	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.95	SI
1 Piso	P16	Bottom	B247-Ex-	-12.53	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	0.15	SI
1 Piso	P16	Top	B247-Ey+	8.84	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.51	SI
1 Piso	P16	Bottom	B247-Ey+	-11.34	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.89	SI
1 Piso	P16	Top	B247-Ey-	-8.71	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.10	SI
1 Piso	P16	Bottom	B247-Ey-	-15.06	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.30	SI
1 Piso	P16	Top	B242 G	-18.95	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.45	SI
1 Piso	P16	Bottom	B242 G	-24.41	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.87	SI
1 Piso	P16	Top	B243-Wx- G	-14.55	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-2.16	SI
1 Piso	P16	Bottom	B243-Wx- G	-21.08	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.32	SI
1 Piso	P16	Top	B243-Wy- G	-14.55	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.96	SI
1 Piso	P16	Bottom	B243-Wy- G	-21.08	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.32	SI
1 Piso	P16	Top	B243-Wy+ G	-14.55	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.96	SI
1 Piso	P16	Bottom	B243-Wy+ G	-21.08	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.32	SI
1 Piso	P16	Top	B244-Wx+ G	-14.55	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.96	SI
1 Piso	P16	Bottom	B244-Wx+ G	-21.08	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.32	SI
1 Piso	P16	Top	B244-Wx- G	-15.95	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-1.96	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B244-Wx+ G	-15.91	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-2.01	SI
1 Piso	P16	Bottom	B244-Wx+ G	-23.00	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B244-Wy- G	-15.91	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-2.01	SI
1 Piso	P16	Bottom	B244-Wy- G	-23.00	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI
1 Piso	P16	Top	B244-Wy+ G	-15.91	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-2.01	SI
1 Piso	P16	Bottom	B244-Wy+ G	-23.00	0.53	0.97	1750	300	1920	345	1920	345	1310	1310	53.09	53.09	30.75	30.75	-0.67	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Area m^2	Φ_v	Lw (cm)	$s_{transversal}$ (mm)	As 1 (cm^2)	fy 1 (Mpa)	As 2 (cm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MSS (ton-m)	Cumple
1 Piso	P17	Top	R1d1	-96.14	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.34	SI
1 Piso	P17	Bottom	R1d1	-45.26	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.88	SI
1 Piso	P17	Top	B242 Loub	-53.07	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.88	SI
1 Piso	P17	Bottom	B242 Loub	-60.54	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.58	SI
1 Piso	P17	Top	B243-Wx+ Loub	-32.58	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	3.53	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.45	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.25	SI
1 Piso	P17	Top	B243-Wx- Loub	-32.58	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	3.53	SI
1 Piso	P17	Bottom	B243-Wx- Loub	-40.45	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.25	SI
1 Piso	P17	Top	B243-Wy+ Loub	-32.58	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	3.53	SI
1 Piso	P17	Bottom	B243-Wy+ Loub	-40.45	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.25	SI
1 Piso	P17	Top	B243-Wy- Loub	-32.58	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	3.53	SI
1 Piso	P17	Bottom	B243-Wy- Loub	-40.45	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.25	SI
1 Piso	P17	Top	B244-Wx+ Loub	-45.77	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	-53.39	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B244-Wx- Loub	-45.77	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B244-Wx- Loub	-53.39	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B244-Wy+ Loub	-45.77	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B244-Wy+ Loub	-53.39	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B244-Wy- Loub	-45.77	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B244-Wy- Loub	-53.39	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B245-Ex+	-44.89	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B245-Ex+	-52.46	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	3.78	SI
1 Piso	P17	Top	B245-Ex-	-44.11	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B245-Ex-	-51.85	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B245-Ey+	-44.48	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.44	SI
1 Piso	P17	Bottom	B245-Ey+	-52.05	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.39	SI
1 Piso	P17	Top	B245 Ey-	-44.61	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	12.11	SI
1 Piso	P17	Bottom	B245-Ey-	-52.26	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.01	SI
1 Piso	P17	Top	B246-Wx+	-24.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	-7.13	SI
1 Piso	P17	Bottom	B246-Wx+	-29.95	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.84	SI
1 Piso	P17	Top	B246-Wx-	-24.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.52	SI
1 Piso	P17	Bottom	B246-Wx-	-29.95	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.84	SI
1 Piso	P17	Top	B248-Wy+	-24.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.52	SI
1 Piso	P17	Bottom	B246-Wy+	-29.95	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.84	SI
1 Piso	P17	Top	B246-Wy-	-24.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.52	SI
1 Piso	P17	Bottom	B246-Wy-	-29.95	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.84	SI
1 Piso	P17	Top	B247-Ex+	-23.68	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.52	SI
1 Piso	P17	Bottom	B247-Ex+	-28.40	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.35	SI
1 Piso	P17	Top	B247-Ex-	-22.79	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.84	SI
1 Piso	P17	Bottom	B247-Ex-	-28.85	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.66	SI
1 Piso	P17	Top	B247-Ey+	-23.17	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	-0.73	SI
1 Piso	P17	Bottom	B247-Ey+	-28.91	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.70	SI
1 Piso	P17	Top	B247-Ey-	-23.29	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	-0.17	SI
1 Piso	P17	Bottom	B247-Ey-	-29.19	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	1.32	SI
1 Piso	P17	Top	B242 G	-59.76	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.07	SI
1 Piso	P17	Bottom	B242 G	-81.24	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	5.63	SI
1 Piso	P17	Top	B243 Wx- G	-34.80	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.51	SI
1 Piso	P17	Bottom	B243 Wx- G	-42.65	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.58	SI
1 Piso	P17	Top	B243-Wy+ G	-34.80	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.00	SI
1 Piso	P17	Bottom	B243-Wy+ G	-42.65	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.09	SI
1 Piso	P17	Top	B243-Wy- G	-34.80	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	0.60	SI
1 Piso	P17	Bottom	B243-Wy- G	-42.65	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.58	SI
1 Piso	P17	Top	B244-Wx- G	-40.46	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.50	SI

ANEXO 4. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PARALELA AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	Pu (ton)	Área cnc (m^2)	R_n	Lw (mm)	Espesor alma (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn x-x (ton-m)	Mn y-y (ton-m)	ΦMn x-x (ton-m)	ΦMn y-y (ton-m)	M33 (ton-m)	Cumple
1 Piso	P17	Bottom	B244-Wx- G	-54.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.42	SI
1 Piso	P17	Top	B244-Wx+ G	-45.48	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.50	SI
1 Piso	P17	Bottom	B244-Wx+ G	-54.05	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.42	SI
1 Piso	P17	Top	B244-Wy- G	-48.95	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.50	SI
1 Piso	P17	Bottom	B244-Wy- G	-54.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.42	SI
1 Piso	P17	Top	B244-Wy+ G	-48.48	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	4.50	SI
1 Piso	P17	Bottom	B244-Wy+ G	-54.08	1.31	0.97	4350	300	1920	345	1920	345	3930	3930	159.27	159.27	92.24	92.24	2.42	SI
1 Piso	P18	Top	B241	-68.28	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.54	SI
1 Piso	P18	Bottom	B241	-68.19	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.10	SI
1 Piso	P18	Top	B242 Lo.h	-97.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-1.22	SI
1 Piso	P18	Bottom	B242 Loub	-115.31	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	0.57	SI
1 Piso	P18	Top	B243-Wx- Loub	-62.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.45	SI
1 Piso	P18	Bottom	B243-Wx- Loub	-79.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B243-Wx- Loub	-62.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.45	SI
1 Piso	P18	Bottom	B243-Wx- Loub	-79.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B243-Wy- Loub	-62.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.45	SI
1 Piso	P18	Bottom	B243-Wy- Loub	-79.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B244-Wx+ Loub	-85.45	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.99	SI
1 Piso	P18	Bottom	B244 Wx+ Loub	-102.99	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B244-Wx- Loub	-85.45	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.99	SI
1 Piso	P18	Bottom	B244-Wx- Loub	-102.99	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B244-Wy+ Loub	-85.45	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.99	SI
1 Piso	P18	Bottom	B244-Wy+ Loub	-102.99	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B244-Wy- Loub	-85.45	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.99	SI
1 Piso	P18	Bottom	B244-Wy- Loub	-102.99	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B245-Ex+	-80.27	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-1.54	SI
1 Piso	P18	Bottom	B245-Ex+	-100.44	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-7.00	SI
1 Piso	P18	Top	B246-Ex-	-89.82	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.35	SI
1 Piso	P18	Bottom	B246-Ex-	-99.18	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-7.74	SI
1 Piso	P18	Top	B245-Ey-	-87.05	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	1.58	SI
1 Piso	P18	Bottom	B245-Ey-	-89.63	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	25.74	SI
1 Piso	P18	Top	B245-Ey-	-86.34	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	3.47	SI
1 Piso	P18	Bottom	B245-Ey-	-100.50	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-25.98	SI
1 Piso	P18	Top	B246-Wx+	-42.14	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.34	SI
1 Piso	P18	Bottom	B246-Wx+	-51.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.14	SI
1 Piso	P18	Top	B246-Wx-	-40.14	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.34	SI
1 Piso	P18	Bottom	B246-Wx-	-58.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.14	SI
1 Piso	P18	Top	B246-Wx+	-40.14	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.34	SI
1 Piso	P18	Bottom	B246-Wx+	-58.80	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.14	SI
1 Piso	P18	Top	B246-Wy-	-48.14	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.34	SI
1 Piso	P18	Bottom	B246-Wy-	-68.90	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.14	SI
1 Piso	P18	Top	B247-Ex+	-45.25	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.96	SI
1 Piso	P18	Bottom	B247-Ex+	-57.39	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	7.05	SI
1 Piso	P18	Top	B247-Ex-	-47.51	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	0.25	SI
1 Piso	P18	Bottom	B247-Ex-	-56.105	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-7.10	SI
1 Piso	P18	Top	B247-Ey+	-43.74	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	2.18	SI
1 Piso	P18	Bottom	B247-Ey+	-56.50	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	25.80	SI
1 Piso	P18	Top	B247-Ey-	-44.03	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-2.88	SI
1 Piso	P18	Bottom	B247-Ey-	-58.88	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-25.80	SI
1 Piso	P18	Top	B242 G	-89.20	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-1.22	SI
1 Piso	P18	Bottom	B242 G	-117.11	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.22	SI
1 Piso	P18	Top	B243-Wx- G	-88.68	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.42	SI
1 Piso	P18	Bottom	B243-Wx- G	-105.53	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.45	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	R_y	Lw (mm)	Espesor alegado (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	ØMn (ton-m)	Cumple
1 Piso	P18	Top	B243-Wy- G	-88.68	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.42	SI
1 Piso	P18	Bottom	B243-Wy- G	-85.53	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.42	SI
1 Piso	P18	Top	B243-Wy+ G	-88.68	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.42	SI
1 Piso	P18	Bottom	B243-Wy+ G	-85.53	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.41	SI
1 Piso	P18	Top	B244-Wx- G	-87.28	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.42	SI
1 Piso	P18	Bottom	B244-Wx- G	-104.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.41	SI
1 Piso	P18	Top	B244-Wx+ G	-87.28	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.28	SI
1 Piso	P18	Bottom	B244-Wx+ G	-104.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.92	SI
1 Piso	P18	Top	B244-Wy- G	-87.28	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.28	SI
1 Piso	P18	Bottom	B244-Wy- G	-104.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.92	SI
1 Piso	P18	Top	B244-Wy+ G	-87.28	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.28	SI
1 Piso	P18	Bottom	B244-Wy+ G	-104.78	2.62	0.97	8730	300	1920	345	1920	345	8270	8270	335.16	335.16	194.10	194.10	-0.92	SI
1 Piso	P21	Top	B241	-36.48	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-8.64	SI
1 Piso	P21	Bottom	B241	-48.39	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.85	SI
1 Piso	P21	Top	B242 Lcub	-35.96	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-15.11	SI
1 Piso	P21	Bottom	B242 Lcub	-53.57	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.64	SI
1 Piso	P21	Top	B243-Wx+ Lcub	-35.73	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.65	SI
1 Piso	P21	Bottom	B243-Wx+ Lcub	-43.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.64	SI
1 Piso	P21	Top	B243-Wx- Lcub	-35.73	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.65	SI
1 Piso	P21	Bottom	B243-Wx- Lcub	-43.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.64	SI
1 Piso	P21	Top	B243-Wy+ Lcub	-35.73	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.65	SI
1 Piso	P21	Bottom	B243 Wy+ Lcub	-43.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.64	SI
1 Piso	P21	Top	B243-Wy- Lcub	-35.73	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.65	SI
1 Piso	P21	Bottom	B243-Wy- Lcub	-43.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.64	SI
1 Piso	P21	Top	B244-Wx+ Lcub	-42.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.51	SI
1 Piso	P21	Bottom	B244-Wx+ Lcub	-50.16	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.12	SI
1 Piso	P21	Top	B244 Wx- Lcub	-42.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.12	SI
1 Piso	P21	Bottom	B244-Wx- Lcub	-50.16	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.51	SI
1 Piso	P21	Top	B244-Wy+ Lcub	-42.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.12	SI
1 Piso	P21	Bottom	B244-Wy+ Lcub	-50.16	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.51	SI
1 Piso	P21	Top	B244-Wy- Lcub	-42.32	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.12	SI
1 Piso	P21	Bottom	B244-Wy- Lcub	-50.16	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.51	SI
1 Piso	P21	Top	B246-Ex+	-41.64	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.12	SI
1 Piso	P21	Bottom	B246-Ex+	-49.26	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.80	SI
1 Piso	P21	Top	B245-Ex-	-40.14	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-1.37	SI
1 Piso	P21	Bottom	B245-Ex-	-48.26	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-11.42	SI
1 Piso	P21	Top	B245-Ex+	-40.72	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-10.60	SI
1 Piso	P21	Bottom	B245-Ex+	-48.84	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-11.37	SI
1 Piso	P21	Top	B245-Ex-	-41.07	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-4.80	SI
1 Piso	P21	Bottom	B245-Ex-	-48.90	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.80	SI
1 Piso	P21	Top	B246-Wx+	-26.37	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-16.67	SI
1 Piso	P21	Bottom	B246-Wx+	-32.08	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-5.77	SI
1 Piso	P21	Top	B246-Wx-	-26.37	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-2.89	SI
1 Piso	P21	Bottom	B246-Wx-	-32.08	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-5.77	SI
1 Piso	P21	Top	B246-Wy+	-26.37	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-2.89	SI
1 Piso	P21	Bottom	B246-Wy+	-32.08	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-5.77	SI
1 Piso	P21	Top	B246-Wy-	-26.37	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-2.89	SI
1 Piso	P21	Bottom	B246-Wy-	-32.08	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-5.77	SI
1 Piso	P21	Top	B247-Ex+	-26.13	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-2.89	SI
1 Piso	P21	Bottom	B247-Ex+	-31.83	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-5.16	SI
1 Piso	P21	Top	B247-Ex-	-24.63	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	2.00	SI
1 Piso	P21	Bottom	B247-Ex-	-30.39	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-4.60	SI
1 Piso	P21	Top	B247 Ey+	-55.20	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	7.21	SI
1 Piso	P21	Bottom	B247-Ey+	-63.00	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-4.70	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sección (m^2)	R_u	Lw (mm)	$b_{borde\ elemento}$ (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MD (ton-m)	Cumple
1 Piso	P21	Bottom	B247-Ey+	-30.98	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.89	SI
1 Piso	P21	Top	B247-Ey-	-25.55	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.29	SI
1 Piso	P21	Bottom	B247-Ey-	-51.24	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-13.16	SI
1 Piso	P21	Top	B247 G	-46.37	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-15.31	SI
1 Piso	P21	Bottom	B247 G	-54.26	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-15.31	SI
1 Piso	P21	Top	B243-Wx- G	-38.01	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-7.62	SI
1 Piso	P21	Bottom	B243-Wx- G	-46.83	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-8.56	SI
1 Piso	P21	Top	B243-Wy- G	-38.21	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-3.86	SI
1 Piso	P21	Bottom	B243-Wy- G	-45.83	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-8.56	SI
1 Piso	P21	Top	B243 Wx+ G	-38.31	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-3.86	SI
1 Piso	P21	Bottom	B243 Wx+ G	-45.83	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-8.56	SI
1 Piso	P21	Top	B243-Wy+ G	-38.21	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-3.86	SI
1 Piso	P21	Bottom	B243-Wy+ G	-45.83	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-8.56	SI
1 Piso	P21	Top	B244-Wx- G	-42.13	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-3.06	SI
1 Piso	P21	Bottom	B244-Wx- G	-50.95	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.73	SI
1 Piso	P21	Top	B244 Wx+ G	-43.13	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.20	SI
1 Piso	P21	Bottom	B244 Wx+ G	-50.95	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.73	SI
1 Piso	P21	Top	B244-Wy+ G	-43.13	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-6.20	SI
1 Piso	P21	Bottom	B244-Wy+ G	-50.95	1.37	0.97	4550	300	1920	345	1920	345	4160	4160	168.59	168.59	97.64	97.64	-12.73	SI
1 Piso	P22	Top	B241	-14.56	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.19	SI
1 Piso	P22	Bottom	B241	-21.02	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.19	SI
1 Piso	P22	Top	B242 Lwx-	-13.66	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.52	SI
1 Piso	P22	Bottom	B242 Lwx-	-20.11	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.52	SI
1 Piso	P22	Top	B242-Wx+ Lcub	-13.60	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.27	SI
1 Piso	P22	Bottom	B242-Wx+ Lcub	-19.54	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.25	SI
1 Piso	P22	Top	B243 Wx- Lcub	-13.60	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.88	SI
1 Piso	P22	Bottom	B243-Wx- Lcub	-19.54	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.25	SI
1 Piso	P22	Top	B243-Wy+ Lcub	-13.60	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.88	SI
1 Piso	P22	Bottom	B243-Wy+ Lcub	-19.54	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.25	SI
1 Piso	P22	Top	B243 Wy- Lcub	-13.60	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.88	SI
1 Piso	P22	Bottom	B243 Wy- Lcub	-19.54	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.25	SI
1 Piso	P22	Top	B244-Wx+ Lcub	-13.91	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.47	SI
1 Piso	P22	Bottom	B244-Wx+ Lcub	-20.13	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.47	SI
1 Piso	P22	Top	B244-Wx- Lcub	-13.91	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.18	SI
1 Piso	P22	Bottom	B244-Wx- Lcub	-20.13	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	1.47	SI
1 Piso	P22	Top	B244-Wy+ Lcub	-13.91	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.18	SI
1 Piso	P22	Bottom	B244-Wy+ Lcub	-20.13	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.47	SI
1 Piso	P22	Top	B244-Wy- Lcub	-13.91	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.18	SI
1 Piso	P22	Bottom	B244-Wy- Lcub	-20.13	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.47	SI
1 Piso	P22	Top	B245 Ex+	-16.17	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.18	SI
1 Piso	P22	Bottom	B245 Ex+	-23.18	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.97	SI
1 Piso	P22	Top	B245-Ex-	-10.58	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	7.87	SI
1 Piso	P22	Bottom	B245-Ex-	13.58	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.62	SI
1 Piso	P22	Top	B245-Ey+	-14.00	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.77	SI
1 Piso	P22	Bottom	B245-Ey+	-21.42	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	1.32	SI
1 Piso	P22	Top	B245-Ey-	-10.12	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.10	SI
1 Piso	P22	Bottom	B245-Ey-	-17.02	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.22	SI
1 Piso	P22	Top	B246-Wx+	-9.95	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-2.00	SI
1 Piso	P22	Bottom	B246-Wx+	-14.43	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.88	SI
1 Piso	P22	Top	B246-Wx-	-9.95	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.13	SI
1 Piso	P22	Bottom	B246-Wx-	-14.43	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.88	SI
1 Piso	P22	Top	B246-Wy+	-9.95	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.13	SI
1 Piso	P22	Bottom	B246-Wy+	-14.43	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.88	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (cm²)	R_n	Lm (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (Ton-m)	Cumple
1 Piso	P22	Top	B246-Wp	-9.95	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.88	SI
1 Piso	P22	Bottom	B246-Wp	-14.43	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	2.13	SI
1 Piso	P22	Top	B247-Ex+	-11.48	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-2.44	SI
1 Piso	P22	Bottom	B247-Ex+	-10.71	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	6.87	SI
1 Piso	P22	Top	B247-Ex-	-7.24	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.00	SI
1 Piso	P22	Bottom	B247-Ex-	-4.02	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-2.77	SI
1 Piso	P22	Top	B247-Ey+	-16.30	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.79	SI
1 Piso	P22	Bottom	B247-Ey+	-5.96	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	7.10	SI
1 Piso	P22	Top	B247-Ey-	-8.42	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-0.73	SI
1 Piso	P22	Bottom	B247-Ey-	-11.65	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-2.98	SI
1 Piso	P22	Top	B242 G	-14.15	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.61	SI
1 Piso	P22	Bottom	B242 G	-20.54	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.33	SI
1 Piso	P22	Top	B243-Wx- G	-15.14	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.56	SI
1 Piso	P22	Bottom	B243-Wx- G	-20.92	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.58	SI
1 Piso	P22	Top	B243-Wy- G	-15.14	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.08	SI
1 Piso	P22	Bottom	B243-Wy- G	-20.92	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.58	SI
1 Piso	P22	Top	B243-Wx+ G	-15.14	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.08	SI
1 Piso	P22	Bottom	B243-Wx+ G	-20.92	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.58	SI
1 Piso	P22	Top	B244-Wx- G	-14.39	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.08	SI
1 Piso	P22	Bottom	B244-Wx- G	-20.58	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.57	SI
1 Piso	P22	Top	B244-Wx+ G	-14.39	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.22	SI
1 Piso	P22	Bottom	B244-Wx+ G	-20.96	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.57	SI
1 Piso	P22	Top	B244-Wy+ G	-14.39	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	3.22	SI
1 Piso	P22	Bottom	B244-Wy+ G	-20.58	0.80	0.97	2650	300	1920	345	1920	345	2090	2090	84.70	84.70	49.05	49.05	-1.57	SI
1 Piso	P25	Top	B241	-87.44	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-9.27	SI
1 Piso	P25	Bottom	B241	-78.27	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-18.66	SI
1 Piso	P29	Top	B242 Loub	-85.96	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-8.44	SI
1 Piso	P29	Bottom	B242 Loub	-95.94	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	32.44	SI
1 Piso	P29	Top	B243-Wx+ Loub	-83.32	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-10.74	SI
1 Piso	P29	Bottom	B243-Wx+ Loub	-73.20	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-19.92	SI
1 Piso	P29	Top	B243-Wx- Loub	-91.32	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-8.31	SI
1 Piso	P29	Bottom	B243-Wx- Loub	-73.20	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-19.92	SI
1 Piso	P29	Top	B243-Wy+ Loub	-60.32	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-8.31	SI
1 Piso	P29	Bottom	B243-Wy+ Loub	-73.20	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-19.92	SI
1 Piso	P29	Top	B243-Wy- Loub	-83.32	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-8.31	SI
1 Piso	P29	Bottom	B243-Wy- Loub	-73.20	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-19.92	SI
1 Piso	P29	Top	B244-Wx+ Loub	-78.79	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-8.31	SI
1 Piso	P29	Bottom	B244-Wx+ Loub	-98.66	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	27.96	SI
1 Piso	P29	Top	B244-Wx- Loub	-78.79	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-9.27	SI
1 Piso	P29	Bottom	B244-Wx- Loub	-88.66	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-27.86	SI
1 Piso	P29	Top	B244-Wy+ Loub	-78.79	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-9.27	SI
1 Piso	P29	Bottom	B244-Wy+ Loub	-88.66	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-27.86	SI
1 Piso	P29	Top	B244-Wy- Loub	-78.79	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-9.27	SI
1 Piso	P29	Bottom	B244-Wy- Loub	-88.66	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-27.86	SI
1 Piso	P29	Top	B245-Ex+	-76.62	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-9.27	SI
1 Piso	P29	Bottom	B245-Ex+	-96.04	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-14.41	SI
1 Piso	P29	Top	B245-Ex-	-72.43	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	85.44	SI
1 Piso	P29	Bottom	B245-Ex-	-70.33	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	38.18	SI
1 Piso	P29	Top	B245-Ey+	-77.37	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-102.75	SI
1 Piso	P29	Bottom	B245-Ey+	-83.19	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	-12.36	SI
1 Piso	P29	Top	B245-Ey-	-71.85	1.57	0.96	5620	280	4920	345	4920	345	4820	4820	195.34	195.34	112.53	112.53	9.61	SI

Story	MURO	LOC.	COMB	Pu (ton)	Area ele. (m²)	R_x	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M3 (ton-m)	Cumple
1 Piso	P28	Bottom	B245-Ex-	-38.18	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-26.96	SI
1 Piso	P28	Top	B248-Wx+	-46.26	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-13.72	SI
1 Piso	P29	Bottom	B248-Wx+	-53.72	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-4.56	SI
1 Piso	P29	Top	B246-Wx-	-46.26	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-13.72	SI
1 Piso	P29	Bottom	B246-Wx-	-53.72	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-4.56	SI
1 Piso	P29	Top	B246-Wx+	-46.26	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-13.72	SI
1 Piso	P29	Bottom	B246-Wx+	-53.72	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-4.56	SI
1 Piso	P29	Top	B245-Wx-	-46.26	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-13.72	SI
1 Piso	P29	Bottom	B245-Wx-	-53.72	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-4.56	SI
1 Piso	P29	Top	B247-Ex+	-46.54	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-13.75	SI
1 Piso	P29	Bottom	B247-Ex+	-55.32	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-0.75	SI
1 Piso	P29	Top	B247-Ex-	-47.17	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	28.97	SI
1 Piso	P29	Bottom	B247-Ex-	-34.60	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-24.52	SI
1 Piso	P29	Top	B247-Ey+	-46.11	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	38.26	SI
1 Piso	P29	Bottom	B247-Ey+	-48.46	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	0.30	SI
1 Piso	P29	Top	B247-Ey-	-40.60	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	14.14	SI
1 Piso	P29	Bottom	B247-Ey-	-52.45	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-25.37	SI
1 Piso	P28	Top	B242 G	-48.37	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-22.42	SI
1 Piso	P28	Bottom	B242 G	-56.16	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	33.32	SI
1 Piso	P29	Top	B243-Wx- G	-70.87	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-11.09	SI
1 Piso	P29	Bottom	B243-Wx- G	-80.35	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-21.75	SI
1 Piso	P29	Top	B243-Wx+ G	-70.87	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-7.39	SI
1 Piso	P29	Bottom	B243-Wx+ G	-80.35	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-21.75	SI
1 Piso	P29	Top	B243-Wx+ G	-70.87	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-7.39	SI
1 Piso	P28	Bottom	B243-Wx+ G	-80.38	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-21.75	SI
1 Piso	P28	Top	B243-Wx+ G	-70.87	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-7.39	SI
1 Piso	P29	Bottom	B243-Wx+ G	-80.38	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-21.75	SI
1 Piso	P29	Top	B244-Wx- G	-81.14	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-7.39	SI
1 Piso	P29	Bottom	B244-Wx- G	-90.30	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-9.00	SI
1 Piso	P29	Top	B244-Wx+ G	-81.14	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-28.75	SI
1 Piso	P29	Bottom	B244-Wx+ G	-90.30	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-9.00	SI
1 Piso	P29	Top	B244-Wy- G	-81.14	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-28.75	SI
1 Piso	P29	Bottom	B244-Wy- G	-90.30	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-9.00	SI
1 Piso	P29	Top	B244-Wy+ G	-81.14	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-28.75	SI
1 Piso	P29	Bottom	B244-Wy+ G	-90.30	1.57	0.96	5620	280	1920	345	1920	345	4820	4820	195.34	195.34	112.53	112.53	-9.00	SI
1 Piso	P30	Top	B241	-27.30	0.52	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.77	SI
1 Piso	P30	Bottom	B241	-23.87	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.77	SI
1 Piso	P30	Top	B242 Lo.b	-34.07	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.80	SI
1 Piso	P30	Bottom	B242 Lo.b	-28.11	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	7.42	SI
1 Piso	P30	Top	B243-Wx+ Lo.b	-24.99	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.14	SI
1 Piso	P30	Bottom	B243-Wx+ Lo.b	-21.60	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.20	SI
1 Piso	P30	Top	B243-Wx- Lo.b	-24.99	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.14	SI
1 Piso	P30	Bottom	B243-Wx- Lo.b	-21.60	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.20	SI
1 Piso	P30	Top	B243-Wy- Lo.b	-24.99	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.14	SI
1 Piso	P30	Bottom	B243-Wy+ Lo.b	-21.60	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.20	SI
1 Piso	P30	Top	B243-Wy+ Lo.b	-24.99	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.14	SI
1 Piso	P30	Bottom	B243-Wy+ Lo.b	-21.60	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.20	SI
1 Piso	P30	Top	B244-Wx+ Lo.b	-31.04	0.52	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.23	SI
1 Piso	P30	Bottom	B244-Wx+ Lo.b	-25.94	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.35	SI
1 Piso	P30	Top	B244-Wx- Lo.b	-31.04	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.23	SI
1 Piso	P30	Bottom	B244-Wx- Lo.b	-25.94	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.35	SI
1 Piso	P30	Top	B244-Wy+ Lo.b	-31.04	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.23	SI
1 Piso	P30	Bottom	B244-Wy+ Lo.b	-25.94	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.35	SI
1 Piso	P30	Top	B244-Wy- Lo.b	-31.04	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.23	SI
1 Piso	P30	Bottom	B244-Wy- Lo.b	-25.94	0.53	0.96	1890	280	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.35	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m²)	R_x	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P30	Top	B245-Ex+	-28.12	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.20	SI
1 Piso	P30	Bottom	B245-Ex+	-18.30	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	6.05	SI
1 Piso	P30	Top	B245-Ex-	-31.57	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.90	SI
1 Piso	P30	Bottom	B245-Ex-	-21.76	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-8.66	SI
1 Piso	P30	Top	B245-Ey+	-35.71	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.58	SI
1 Piso	P30	Bottom	B245-Ey+	-30.93	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-2.76	SI
1 Piso	P30	Top	B245-Ey-	-28.47	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	6.67	SI
1 Piso	P30	Bottom	B245-Ey-	-19.29	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	0.14	SI
1 Piso	P30	Top	B246-Wx+	-28.39	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.81	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-0.88	SI
1 Piso	P30	Top	B246-Wx-	-18.38	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.81	SI
1 Piso	P30	Bottom	B246-Wx-	-15.95	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-0.88	SI
1 Piso	P30	Top	B246-Wy+	18.38	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.81	SI
1 Piso	P30	Bottom	B246-Wy+	15.95	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-0.88	SI
1 Piso	P30	Top	B246-Wy-	-18.38	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.81	SI
1 Piso	P30	Bottom	B246-Wy-	-15.95	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-0.88	SI
1 Piso	P30	Top	B247-Ex+	-15.89	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	0.83	SI
1 Piso	P30	Bottom	B247-Ex+	-8.00	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	0.52	SI
1 Piso	P30	Top	B247-Ex-	-19.28	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	6.69	SI
1 Piso	P30	Bottom	B247-Ex-	-22.03	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-8.21	SI
1 Piso	P30	Top	B247-Ey+	-20.95	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	3.22	SI
1 Piso	P30	Bottom	B247-Ey+	-21.20	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-7.26	SI
1 Piso	P30	Top	B247-Ey-	-14.18	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	4.20	SI
1 Piso	P30	Bottom	B247-Ey-	-8.50	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	0.69	SI
1 Piso	P30	Top	B242 G	-34.75	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	6.68	SI
1 Piso	P30	Bottom	B242 G	-28.60	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.46	SI
1 Piso	P30	Top	B243-Wx- G	-27.18	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.41	SI
1 Piso	P30	Bottom	B243-Wx- G	-25.16	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.30	SI
1 Piso	P30	Top	B243-Wy- G	-27.18	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.41	SI
1 Piso	P30	Bottom	B243-Wy- G	-25.16	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.30	SI
1 Piso	P30	Top	B243-Wx+ G	-27.18	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.41	SI
1 Piso	P30	Bottom	B243-Wx+ G	-25.16	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.30	SI
1 Piso	P30	Top	B243-Wy+ G	-27.18	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	5.41	SI
1 Piso	P30	Bottom	B243-Wy+ G	-25.16	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.30	SI
1 Piso	P30	Top	B244-Wx- G	-31.72	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.31	SI
1 Piso	P30	Bottom	B244-Wx- G	-26.42	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.39	SI
1 Piso	P30	Top	B244-Wx+ G	-31.72	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.31	SI
1 Piso	P30	Bottom	B244-Wx+ G	-26.42	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.39	SI
1 Piso	P30	Top	B244-Wy+ G	-31.72	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	8.31	SI
1 Piso	P30	Bottom	B244-Wy+ G	-26.42	0.53	0.96	1890	250	1920	345	1920	345	1340	1340	54.31	54.31	31.28	31.28	-1.39	SI
1 Piso	P31	Top	B241	-31.87	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	5.26	SI
1 Piso	P31	Bottom	B241	-25.43	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.47	SI
1 Piso	P31	Top	B242 Loub	-38.65	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	13.57	SI
1 Piso	P31	Bottom	B242 Loub	-35.38	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.60	SI
1 Piso	P31	Top	B243-Wx+ Loub	-29.79	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	4.90	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-26.32	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.44	SI
1 Piso	P31	Top	B243-Wx- Loub	-29.79	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	4.90	SI
1 Piso	P31	Bottom	B243-Wx- Loub	-26.32	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.44	SI
1 Piso	P31	Top	B243-Wy+ Loub	-29.79	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	4.90	SI
1 Piso	P31	Bottom	B243-Wy+ Loub	-26.32	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.44	SI
1 Piso	P31	Top	B243-Wy- Loub	-29.79	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	4.90	SI
1 Piso	P31	Bottom	B243-Wy- Loub	-26.32	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	1.44	SI
1 Piso	P31	Top	B244-Wx+ Loub	-35.56	0.53	0.96	1890	250	1920	345	1920	345	1330	1330	52.80	53.80	31.05	31.05	10.41	SI

STORY	MURO	LOC	COMB	Pu (ton)	Área inc (m²)	R_n	Lw (mm)	Espesor muros (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mín ext (ton-m)	Mín int (ton-m)	Biáx ext (ton-m)	Biáx int (ton-m)	Mf33 (ton-m)	Cumple
1 Piso	P31	Bottom	B244-Wx+ Loub	-32.43	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.62	SI
1 Piso	P31	Top	B244-Wx- Loub	-35.58	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.41	SI
1 Piso	P31	Bottom	B244-Wx- Loub	-32.43	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.62	SI
1 Piso	P31	Top	B244-Wy+ Loub	-35.58	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.41	SI
1 Piso	P31	Bottom	B244-Wy+ Loub	-32.43	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.62	SI
1 Piso	P31	Top	B244-Wy- Loub	-35.58	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.41	SI
1 Piso	P31	Bottom	B244-Wy- Loub	-32.43	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.62	SI
1 Piso	P31	Top	B245 Ex-	-37.90	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.86	SI
1 Piso	P31	Bottom	B245-Ex-	-38.25	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	4.46	SI
1 Piso	P31	Top	B245-Ex-	-29.25	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	0.27	SI
1 Piso	P31	Bottom	B245-Ex-	-23.83	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	15.75	SI
1 Piso	P31	Top	B245-Ex+	-32.51	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	-5.30	SI
1 Piso	P31	Bottom	B245-Ex+	-28.15	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	-9.45	SI
1 Piso	P31	Top	B249-Ey-	-34.64	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	-0.07	SI
1 Piso	P31	Bottom	B245-Ey-	-36.76	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.76	SI
1 Piso	P31	Top	B248-Wx+	-21.75	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.04	SI
1 Piso	P31	Bottom	B248-Wx+	-19.30	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	3.58	SI
1 Piso	P31	Top	B248-Wx-	-21.75	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.04	SI
1 Piso	P31	Bottom	B248-Wx-	-19.30	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	3.58	SI
1 Piso	P31	Top	B248-Wy+	-21.75	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.04	SI
1 Piso	P31	Bottom	B248-Wy+	-19.30	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	3.58	SI
1 Piso	P31	Top	B248-Wy-	-21.75	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.04	SI
1 Piso	P31	Bottom	B248-Wy-	-19.30	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	3.58	SI
1 Piso	P31	Top	B247-Ex+	-24.88	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	-2.28	SI
1 Piso	P31	Bottom	B247-Ex+	-25.80	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	-2.75	SI
1 Piso	P31	Top	B247-Ex-	-18.04	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	3.01	SI
1 Piso	P31	Bottom	B247-Ex-	-10.96	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	5.84	SI
1 Piso	P31	Top	B247-Ey+	-19.37	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	2.71	SI
1 Piso	P31	Bottom	B247-Ey+	-18.47	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	0.61	SI
1 Piso	P31	Top	B247 Ey-	-21.42	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	4.32	SI
1 Piso	P31	Bottom	B247-Ey-	-23.08	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	2.50	SI
1 Piso	P31	Top	B242 G	-38.78	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	13.74	SI
1 Piso	P31	Bottom	B242 G	-36.78	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.74	SI
1 Piso	P31	Top	B243-Wx- G	-35.41	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	5.45	SI
1 Piso	P31	Bottom	B243-Wx- G	-28.98	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.89	SI
1 Piso	P31	Top	B243-Wx- G	-35.41	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	5.45	SI
1 Piso	P31	Bottom	B243-Wx- G	-28.98	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.89	SI
1 Piso	P31	Top	B243-Wy+ G	-35.41	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	5.45	SI
1 Piso	P31	Bottom	B243-Wy+ G	-28.98	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.89	SI
1 Piso	P31	Top	B243-Wy- G	-35.41	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	5.45	SI
1 Piso	P31	Bottom	B243-Wy- G	-28.98	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.89	SI
1 Piso	P31	Top	B244-Wx- G	-36.71	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.59	SI
1 Piso	P31	Bottom	B244-Wx- G	-33.26	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.70	SI
1 Piso	P31	Top	B244-Wx+ G	-36.71	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.59	SI
1 Piso	P31	Bottom	B244-Wx+ G	-33.26	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.70	SI
1 Piso	P31	Top	B244-Wy- G	-36.71	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.59	SI
1 Piso	P31	Bottom	B244-Wy- G	-33.26	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.70	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	10.59	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	0.96	1890	280	1920	345	1920	345	1330	1330	53.90	53.90	31.05	31.05	1.70	SI
1 Piso	P33	Top	B241	-32.84	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-4.89	SI
1 Piso	P33	Bottom	B241	-23.72	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-0.25	SI
1 Piso	P33	Top	B242 Loub	-35.84	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-0.08	SI
1 Piso	P33	Bottom	B242 Loub	-20.05	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-0.71	SI
1 Piso	P33	Top	B243-Wx+ Loub	-30.85	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-3.98	SI
1 Piso	P33	Bottom	B243-Wx+ Loub	-21.96	0.43	0.96	1540	280	1920	345	1920	345	960	960	34.85	34.85	20.08	20.08	-0.77	SI

STORY	MURO	LOC.	CORE	Pu (ton)	Área acc. (cm²)	R_w	Lw (mm)	Espesor alma (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P32	Top	B243-Wx- Loub	-30.85	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.08	SI
1 Piso	P32	Bottom	B243-Wx- Loub	-21.98	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B243-Wy+ Loub	-30.85	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.08	SI
1 Piso	P33	Bottom	B243-Wy+ Loub	-21.98	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B243-Wy- Loub	-30.85	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.08	SI
1 Piso	P33	Bottom	B243-Wy- Loub	-21.98	0.43	0.98	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B244-Wx+ Loub	-34.81	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.22	SI
1 Piso	P33	Bottom	B244-Wx+ Loub	-24.90	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B244-Wx- Loub	-34.81	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.22	SI
1 Piso	P33	Bottom	B244-Wx- Loub	-24.90	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B244-Wy+ Loub	-34.81	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.22	SI
1 Piso	P33	Bottom	B244-Wy+ Loub	-24.90	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B244-Wy- Loub	-34.81	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.22	SI
1 Piso	P33	Bottom	B244-Wy- Loub	-24.90	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B245-Ex+	-31.08	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-7.02	SI
1 Piso	P33	Bottom	B245-Ex+	-19.42	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-1.82	SI
1 Piso	P33	Top	B245-Ex-	-34.06	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.87	SI
1 Piso	P33	Bottom	B245-Ex-	-27.92	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.26	SI
1 Piso	P33	Top	B245-Ey+	-34.10	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.56	SI
1 Piso	P33	Bottom	B245-Ey+	-28.60	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-1.48	SI
1 Piso	P33	Top	B245-Ey-	-31.08	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-7.02	SI
1 Piso	P33	Bottom	B245-Ey-	-19.42	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-1.82	SI
1 Piso	P33	Top	B246-Wx+	22.53	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	0.12	SI
1 Piso	P33	Bottom	B246-Wx+	-15.10	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.55	SI
1 Piso	P33	Top	B246-Wx-	-22.53	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.05	SI
1 Piso	P33	Bottom	B246-Wx-	-15.10	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.55	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.05	SI
1 Piso	P33	Bottom	B246-Wy+	-15.10	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.55	SI
1 Piso	P33	Top	B246-Wy-	-22.53	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.05	SI
1 Piso	P33	Bottom	B246-Wy-	-15.10	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.55	SI
1 Piso	P33	Top	B247-Ex+	-19.87	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-4.79	SI
1 Piso	P33	Bottom	B247-Ex+	-11.05	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-2.10	SI
1 Piso	P32	Top	B247-Ex-	-22.66	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-1.63	SI
1 Piso	P33	Bottom	B247-Ex-	-19.50	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.07	SI
1 Piso	P32	Top	B247-Ey+	-22.64	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.92	SI
1 Piso	P33	Bottom	B247-Ey+	-20.18	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-1.26	SI
1 Piso	P33	Top	B247-Ey-	-19.50	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.10	SI
1 Piso	P33	Bottom	B247-Ey-	10.32	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	0.31	SI
1 Piso	P33	Top	B242 G	37.00	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	1.85	SI
1 Piso	P33	Bottom	B242 G	-26.75	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.77	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.58	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.34	SI
1 Piso	P33	Top	B243-Wy+ G	-34.54	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.58	SI
1 Piso	P33	Bottom	B243-Wy+ G	-24.18	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.34	SI
1 Piso	P33	Top	B243-Wy- G	-34.54	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-3.58	SI
1 Piso	P33	Bottom	B243-Wy- G	-24.18	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.34	SI
1 Piso	P33	Top	B244-Wx+ G	-35.76	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.09	SI
1 Piso	P33	Bottom	B244-Wx+ G	-25.60	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.82	SI
1 Piso	P33	Top	B244-Wx- G	-35.76	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.09	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.82	SI
1 Piso	P33	Top	B244-Wy+ G	-35.76	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.09	SI
1 Piso	P33	Bottom	B244-Wy+ G	-25.60	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-0.82	SI
1 Piso	P33	Top	B244-Wy- G	-35.76	0.43	0.96	1540	280	1920	345	1920	345	860	960	34.85	34.85	20.08	20.08	-5.09	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m^2)	R_y	Lw (mm)	(mm)	fy 1 (Mpa)	As 1 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mdis ext (ton-m)	Mdis int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P33	Bottom	B244-Wy+ G	-28.56	0.45	0.98	1500	280	1920	345	1920	345	890	890	34.85	34.85	20.06	20.06	0.82	SI
1 Piso	P34	Top	B243	76.06	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.52	SI
1 Piso	P34	Bottom	B24:	-84.87	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.04	SI
1 Piso	P34	Top	B242 Lcub	-88.64	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.13	SI
1 Piso	P34	Bottom	B242 Lcub	-94.42	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.74	SI
1 Piso	P34	Top	B243-Wx+ Lcub	-79.07	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-30.83	SI
1 Piso	P34	Bottom	B243-Wx+ Lcub	-77.70	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-5.03	SI
1 Piso	P34	Top	B243-Wx- Lcub	-79.07	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-30.83	SI
1 Piso	P34	Bottom	B243-Wx- Lcub	-77.70	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-5.03	SI
1 Piso	P34	Top	B243-Wy+ Lcub	-79.07	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-30.83	SI
1 Piso	P34	Bottom	B243-Wy+ Lcub	-77.70	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-5.03	SI
1 Piso	P34	Top	B243-Wy- Lcub	-79.07	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-30.83	SI
1 Piso	P34	Bottom	B243-Wy- Lcub	-77.70	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-5.03	SI
1 Piso	P34	Top	B244-Wx+ Lcub	-80.34	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.27	SI
1 Piso	P34	Bottom	B244-Wx+ Lcub	-89.30	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.22	SI
1 Piso	P34	Top	B244-Wx- Lcub	-83.04	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.27	SI
1 Piso	P34	Bottom	B244-Wx- Lcub	-89.30	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.22	SI
1 Piso	P34	Top	B244-Wy+ Lcub	-83.04	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.27	SI
1 Piso	P34	Bottom	B244-Wy- Lcub	-89.30	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.22	SI
1 Piso	P34	Top	B245-Ex+	-77.45	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.22	SI
1 Piso	P34	Bottom	B245-Ex+	-92.01	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-32.54	SI
1 Piso	P34	Top	B245-Ex-	-79.87	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	72.76	SI
1 Piso	P34	Bottom	B245-Ex-	-81.97	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	45.14	SI
1 Piso	P34	Top	B245-Ey+	-76.68	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-99.88	SI
1 Piso	P34	Bottom	B245-Ey+	-78.01	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.90	SI
1 Piso	P34	Top	B245-Ey-	-80.72	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-11.31	SI
1 Piso	P34	Bottom	B245-Ey-	-93.26	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-38.26	SI
1 Piso	P34	Top	B246-Wx+	-57.27	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-5.82	SI
1 Piso	P34	Bottom	B246-Wx+	-57.17	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-23.14	SI
1 Piso	P34	Top	B246-Wx-	-61.27	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-4.17	SI
1 Piso	P34	Bottom	B246-Wx-	-57.17	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-23.14	SI
1 Piso	P34	Top	B246-Wy+	-61.27	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-4.17	SI
1 Piso	P34	Bottom	B246-Wy+	-57.17	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-23.14	SI
1 Piso	P34	Top	B246-Wy-	-61.27	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-4.17	SI
1 Piso	P34	Bottom	B246-Wy-	-57.17	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-23.14	SI
1 Piso	P34	Top	B247-Ex+	-56.88	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-17.25	SI
1 Piso	P34	Bottom	B247-Ex+	-58.23	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	76.22	SI
1 Piso	P34	Top	B247-Ex-	-49.62	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-29.85	SI
1 Piso	P34	Bottom	B247-Ex-	-55.89	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-86.43	SI
1 Piso	P34	Top	B247-Ey+	-46.24	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-24.09	SI
1 Piso	P34	Bottom	B247-Ey+	-49.85	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-7.85	SI
1 Piso	P34	Top	B247-Ey-	-50.27	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-23.59	SI
1 Piso	P34	Bottom	B247-Ey-	-52.17	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-2.96	SI
1 Piso	P34	Top	B242 G	-91.59	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-42.51	SI
1 Piso	P34	Bottom	B242 G	-96.64	2.31	0.96	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.45	SI
1 Piso	P34	Top	B243-Wx- G	-77.92	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-29.59	SI
1 Piso	P34	Bottom	B243-Wx- G	-84.48	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-2.56	SI
1 Piso	P34	Top	B243-Wy+ G	-77.92	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-29.59	SI
1 Piso	P34	Bottom	B243-Wy+ G	-84.48	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-2.56	SI
1 Piso	P34	Top	B243-Wy- G	-77.92	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-29.59	SI
1 Piso	P34	Bottom	B243-Wy- G	-84.48	2.31	0.98	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-2.56	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área elem (cm²)	ϕ_v	Lw (cm)	$t_{Area\ efectiva}$ (cm)	As 1 (cm²)	fy 1 (Mpa)	As 2 (cm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P34	Top	B244-Wx- G	-85.48	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-37.94	SI
1 Piso	P34	Bottom	B244-Wx- G	-91.51	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.45	SI
1 Piso	P34	Top	B244-Wx+ G	-85.48	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-37.94	SI
1 Piso	P34	Bottom	B244-Wx+ G	-91.51	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.45	SI
1 Piso	P34	Top	B244-Wy- G	-85.48	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-37.94	SI
1 Piso	P34	Bottom	B244-Wy- G	-91.51	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.45	SI
1 Piso	P34	Top	B244-Wy+ G	-85.48	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-37.94	SI
1 Piso	P34	Bottom	B244-Wy+ G	-91.51	2.31	0.90	8240	280	1920	345	1920	345	7620	7620	308.82	308.82	177.89	177.89	-8.45	SI
1 Piso	P37	Top	B241	-27.13	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	7.75	SI
1 Piso	P37	Bottom	B241	-29.55	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.64	25.68	-3.84	SI
1 Piso	P37	Top	B242 Lurb	-30.17	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.50	25.68	9.40	SI
1 Piso	P37	Bottom	B242 Lurb	-32.80	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-1.09	SI
1 Piso	P37	Top	B243-Wx+ Lurb	-25.49	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.86	SI
1 Piso	P37	Bottom	B243-Wx+ Lurb	-27.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.62	25.68	-0.41	SI
1 Piso	P37	Top	B243-Wx- Lurb	-25.49	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.86	SI
1 Piso	P37	Bottom	B243-Wx- Lurb	-27.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.41	SI
1 Piso	P37	Top	B243-Wy+ Lurb	-25.49	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.86	SI
1 Piso	P37	Bottom	B243-Wy+ Lurb	-27.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.41	SI
1 Piso	P37	Top	B243-Wy- Lurb	-25.49	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.86	SI
1 Piso	P37	Bottom	B243-Wy- Lurb	-27.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.41	SI
1 Piso	P37	Top	B244-Wx+ Lurb	-28.94	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.37	SI
1 Piso	P37	Bottom	B244-Wx+ Lurb	-31.57	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.64	25.68	-0.81	SI
1 Piso	P37	Top	B244-Wx- Lurb	-28.94	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.37	SI
1 Piso	P37	Bottom	B244-Wx- Lurb	-31.57	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.64	25.68	-0.81	SI
1 Piso	P37	Top	B244-Wy+ Lurb	-28.94	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.37	SI
1 Piso	P37	Bottom	B244-Wy+ Lurb	-31.57	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.64	25.68	-0.81	SI
1 Piso	P37	Top	B244-Wy- Lurb	-28.94	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.37	SI
1 Piso	P37	Bottom	B244-Wy- Lurb	-31.57	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.64	25.68	-0.81	SI
1 Piso	P37	Top	B245-Ex+	-30.66	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.60	25.68	6.53	SI
1 Piso	P37	Bottom	B245-Ex+	-28.62	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.04	SI
1 Piso	P37	Top	B245-Ex-	-23.65	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	10.22	SI
1 Piso	P37	Bottom	B245-Ex-	-21.07	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-6.79	SI
1 Piso	P37	Top	B245-Ey+	-28.66	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.53	SI
1 Piso	P37	Bottom	B245-Ey+	-35.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.60	25.68	-0.01	SI
1 Piso	P37	Top	B245-Ey-	-25.06	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.22	SI
1 Piso	P37	Bottom	B245-Ey-	-24.82	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-1.74	SI
1 Piso	P37	Top	B240 Wx+	-18.62	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.20	SI
1 Piso	P37	Bottom	B246-Wx+	-20.02	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.33	SI
1 Piso	P37	Top	B248-Wx-	-18.62	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.00	SI
1 Piso	P37	Bottom	B248-Wx-	-20.02	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.33	SI
1 Piso	P37	Top	B248-Wy+	-18.62	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.20	SI
1 Piso	P37	Bottom	B248-Wy+	-20.02	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.33	SI
1 Piso	P37	Top	B248-Wy-	-18.62	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.00	SI
1 Piso	P37	Bottom	B248-Wy-	-20.02	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.33	SI
1 Piso	P37	Top	B247-Ex+	-21.05	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	3.10	SI
1 Piso	P37	Bottom	B247-Ex+	-15.27	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.54	SI
1 Piso	P37	Top	B247-Ex-	13.84	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	8.84	SI
1 Piso	P37	Bottom	B247 Ex-	-19.73	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-8.50	SI
1 Piso	P37	Top	B247-Ey+	-15.84	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	5.16	SI
1 Piso	P37	Bottom	B247-Ey+	-24.52	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.48	SI
1 Piso	P37	Top	B247-Ey-	-16.04	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	4.85	SI
1 Piso	P37	Bottom	B247-Ey-	-12.43	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-1.29	SI
1 Piso	P37	Top	B242 G	-31.12	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	9.40	SI
1 Piso	P37	Bottom	B242 G	-34.83	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-1.04	SI
1 Piso	P37	Top	B243-Wx- G	-28.50	0.46	0.90	1640	280	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	6.86	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área muro (m²)	R_n	Lw (cm)	Espesor muro (cm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MUd (ton-m)	Cumple
1 Piso	P37	Bottom	B243-Wx- G	-29.93	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Top	B243-Wy+ G	-28.63	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.66	SI
1 Piso	P37	Bottom	B243-Wy+ G	-29.03	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.66	SI
1 Piso	P37	Top	B243-Wx+ G	-28.97	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Bottom	B243-Wx+ G	-29.90	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.66	SI
1 Piso	P37	Top	B243-Wy+ G	-28.63	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.66	SI
1 Piso	P37	Bottom	B243-Wy+ G	-28.93	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Top	B244-Wx- G	-29.89	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Bottom	B244-Wx- G	-32.84	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.77	SI
1 Piso	P37	Top	B244-Wx+ G	-29.89	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Bottom	B244-Wx+ G	-32.84	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.77	SI
1 Piso	P37	Top	B244-Wy+ G	-28.88	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.29	SI
1 Piso	P37	Bottom	B244-Wy+ G	-32.64	0.46	0.96	1840	250	1020	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	0.77	SI
1 Piso	P38	Top	B241	-9.57	0.47	0.97	1580	300	1920	345	1920	345	1100	1100	44.58	44.58	25.68	25.68	-0.77	SI
1 Piso	P38	Bottom	B241	-14.44	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.02	SI
1 Piso	P38	Top	B242 Loub	-9.30	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.04	SI
1 Piso	P38	Bottom	B242 Loub	-13.90	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.45	SI
1 Piso	P38	Top	B243-Wx+ Loub	-8.63	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-2.01	SI
1 Piso	P38	Bottom	B243-Wx+ Loub	-13.00	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.81	SI
1 Piso	P38	Top	B243-Wx- Loub	-8.63	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.75	SI
1 Piso	P38	Bottom	B243-Wx- Loub	-13.00	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.81	SI
1 Piso	P38	Top	B243-Wy+ Loub	-8.63	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.75	SI
1 Piso	P38	Bottom	B243-Wx- Loub	-13.00	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.81	SI
1 Piso	P38	Top	B244-Wx+ Loub	-9.18	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.94	SI
1 Piso	P38	Bottom	B244-Wx+ Loub	-13.85	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.19	SI
1 Piso	P38	Top	B244-Wx- Loub	-9.18	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.94	SI
1 Piso	P38	Bottom	B244-Wx- Loub	-13.85	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.19	SI
1 Piso	P38	Top	B244-Wy+ Loub	-9.18	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.94	SI
1 Piso	P38	Bottom	B244-Wy+ Loub	-13.85	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.19	SI
1 Piso	P38	Top	B244-Wy- Loub	-9.18	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.94	SI
1 Piso	P38	Bottom	B244-Wy- Loub	-13.85	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.19	SI
1 Piso	P38	Top	B245-Ey+	-7.86	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.94	SI
1 Piso	P38	Bottom	B245-Ey+	-10.18	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.56	SI
1 Piso	P38	Top	B245-Ex-	-9.75	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.17	SI
1 Piso	P38	Bottom	B245-Ex-	-13.22	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.92	SI
1 Piso	P38	Top	B245-Ey+	-10.42	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-4.91	SI
1 Piso	P38	Bottom	B245-Ey+	-17.05	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.79	SI
1 Piso	P38	Top	B245-Ey-	-7.19	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-2.03	SI
1 Piso	P38	Bottom	B245-Ey-	-9.30	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.25	SI
1 Piso	P38	Top	B245-Wx+	-8.37	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-0.81	SI
1 Piso	P38	Bottom	B245-Wx+	-9.51	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.82	SI
1 Piso	P38	Top	B246-Wx-	-6.37	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.30	SI
1 Piso	P38	Bottom	B246-Wx-	-9.61	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.82	SI
1 Piso	P38	Top	B246-Wy+	-6.37	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.30	SI
1 Piso	P38	Bottom	B246-Wy+	-9.61	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.82	SI
1 Piso	P38	Top	B246-Wy-	-6.37	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.30	SI
1 Piso	P38	Bottom	B246-Wy-	-9.61	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	0.82	SI
1 Piso	P38	Top	B247-Ex+	-8.17	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-1.30	SI
1 Piso	P38	Bottom	B247-Ex+	-8.24	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	-0.02	SI
1 Piso	P38	Top	B247-Ex-	-7.78	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.79	SI
1 Piso	P38	Bottom	B247-Ex-	-12.33	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.84	23.84	1.33	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Area ac. (m²)	R_n	Lw (mm)	Espesor alma (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P38	Top	B247-Ey+	-7.73	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.61	SI
1 Piso	P38	Bottom	B247-Ey+	-13.16	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-2.91	SI
1 Piso	P38	Top	B247-Ey-	-4.51	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.71	SI
1 Piso	P38	Bottom	B247-Ey-	-5.41	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-0.19	SI
1 Piso	P38	Top	B247 G	-5.50	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	1.42	SI
1 Piso	P38	Bottom	B247 G	-13.05	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-2.65	SI
1 Piso	P38	Top	B243-Wx- G	-9.27	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.72	SI
1 Piso	P38	Bottom	B243-Wx- G	-13.84	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.88	SI
1 Piso	P38	Top	B243-Wy- G	-9.27	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.72	SI
1 Piso	P38	Bottom	B243-Wy- G	-13.84	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.88	SI
1 Piso	P38	Top	B243-Wx+ G	-9.27	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.72	SI
1 Piso	P38	Bottom	B243-Wx+ G	-13.84	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.88	SI
1 Piso	P38	Top	B243-Wy+ G	-9.27	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.88	SI
1 Piso	P38	Bottom	B243-Wy+ G	-13.84	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	0.72	SI
1 Piso	P38	Top	B244-Wx- G	-9.38	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.88	SI
1 Piso	P38	Bottom	B244-Wx- G	-13.81	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	1.16	SI
1 Piso	P38	Top	B244-Wx+ G	-9.38	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.87	SI
1 Piso	P38	Bottom	B244-Wx+ G	-13.81	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	1.16	SI
1 Piso	P38	Top	B244-Wy- G	-9.38	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.87	SI
1 Piso	P38	Bottom	B244-Wy- G	-13.81	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	1.16	SI
1 Piso	P38	Top	B244-Wy+ G	-9.38	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	-1.87	SI
1 Piso	P38	Bottom	B244-Wy+ G	-13.81	0.47	0.97	1580	300	1920	345	1920	345	1020	1020	41.34	41.34	23.94	23.94	1.16	SI
1 Piso	P39	Top	B241	-19.21	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.97	SI
1 Piso	P39	Bottom	B241	22.90	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.22	SI
1 Piso	P39	Top	B242 Lcub	-20.31	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.25	SI
1 Piso	P39	Bottom	B242 Lcub	-23.36	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.24	SI
1 Piso	P38	Top	B243-Wx+ Lcub	-17.62	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.26	SI
1 Piso	P39	Bottom	B243-Wx+ Lcub	-20.67	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.18	SI
1 Piso	P39	Top	B243-Wx- Lcub	-17.62	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B243-Wx- Lcub	-20.67	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.18	SI
1 Piso	P39	Top	B243-Wy+ Lcub	-17.62	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B243-Wy+ Lcub	-20.67	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.18	SI
1 Piso	P39	Top	B243-Wy- Lcub	-17.62	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B243-Wy- Lcub	-20.67	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.18	SI
1 Piso	P39	Top	B244-Wx- Lcub	-19.58	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B244-Wx- Lcub	-22.61	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.22	SI
1 Piso	P39	Top	B244-Wx+ Lcub	-19.58	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B244-Wx+ Lcub	-22.61	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.22	SI
1 Piso	P39	Top	B244-Wy- Lcub	-19.58	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P39	Bottom	B244-Wy- Lcub	-22.61	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.22	SI
1 Piso	P38	Top	B245-Ex+	-18.63	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.17	SI
1 Piso	P38	Bottom	B245-Ex+	-21.67	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.15	SI
1 Piso	P38	Top	B245-Ex-	18.88	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	1.82	SI
1 Piso	P38	Bottom	B245-Ex-	-21.98	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-3.83	SI
1 Piso	P38	Top	B245-Ey+	-19.20	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.40	SI
1 Piso	P38	Bottom	B245-Ey+	-22.26	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.79	SI
1 Piso	P38	Top	B245-Ey-	-19.10	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.05	SI
1 Piso	P38	Bottom	B245-Ey-	-21.38	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.30	SI
1 Piso	P39	Top	B246-Wx+	-12.98	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.30	SI
1 Piso	P38	Bottom	B246-Wx+	-15.27	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.14	SI
1 Piso	P38	Top	B246-Wx-	-14.96	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.17	SI
1 Piso	P38	Bottom	B246-Wx-	-15.27	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.14	SI
1 Piso	P39	Top	B246-Wy+	-15.96	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.17	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área acero (m²)	RL	Lw (mm)	Espesor alcance (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MSD (ton-m)	Cumple
1 Piso	P39	Bottom	B246-Wy+	-15.27	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.17	SI
1 Piso	P39	Top	B246-Wy-	-12.96	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.14	SI
1 Piso	P39	Bottom	B245-Wy	-15.27	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.17	SI
1 Piso	P39	Top	B247-Ex+	-12.10	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.26	SI
1 Piso	P39	Bottom	B247-Ex+	-14.57	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.23	SI
1 Piso	P39	Top	B247-Ex-	-12.51	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	1.64	SI
1 Piso	P39	Bottom	B247-Ex-	-14.87	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.55	SI
1 Piso	P39	Top	B247-Ey-	-12.85	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.32	SI
1 Piso	P39	Bottom	B247-Ey+	-15.18	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.71	SI
1 Piso	P39	Top	B247-Ey+	-11.84	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.03	SI
1 Piso	P39	Bottom	B247-Ey-	-14.20	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.35	SI
1 Piso	P39	Top	B242 G	-20.80	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.24	SI
1 Piso	P39	Bottom	B242 G	-23.83	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.27	SI
1 Piso	P39	Top	B243-Wx- G	-19.21	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.16	SI
1 Piso	P39	Bottom	B243-Wx- G	-22.09	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.25	SI
1 Piso	P39	Top	B243-Wy- G	-19.21	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.16	SI
1 Piso	P39	Bottom	B243-Wy- G	-22.09	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.25	SI
1 Piso	P39	Top	B243-Wy+ G	-19.21	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.16	SI
1 Piso	P39	Bottom	B243-Wy+ G	-22.09	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.25	SI
1 Piso	P39	Top	B244-Wx- G	-20.07	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.21	SI
1 Piso	P39	Bottom	B244-Wx- G	-23.05	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.26	SI
1 Piso	P39	Top	B244-Wx+ G	-20.07	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.21	SI
1 Piso	P39	Bottom	B244-Wx+ G	-23.05	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.26	SI
1 Piso	P39	Top	B244-Wy- G	-20.07	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.21	SI
1 Piso	P39	Bottom	B244-Wy- G	-23.05	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.26	SI
1 Piso	P39	Top	B244-Wy+ G	-20.07	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.21	SI
1 Piso	P39	Bottom	B244-Wy+ G	-23.05	0.63	0.97	2090	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.26	SI
1 Piso	P40	Top	B241	-19.31	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.17	SI
1 Piso	P40	Bottom	B241	-23.28	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.27	SI
1 Piso	P40	Top	B242 G	-19.68	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.27	SI
1 Piso	P40	Bottom	B242 G	-23.27	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.26	SI
1 Piso	P40	Top	B243-Wx+ G	-17.54	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.08	SI
1 Piso	P40	Bottom	B243-Wx+ G	-21.11	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.34	SI
1 Piso	P40	Top	B243-Wx- Loub	-17.54	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.08	SI
1 Piso	P40	Bottom	B243-Wx- Loub	-21.11	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.34	SI
1 Piso	P40	Top	B243-Wy+ Loub	-17.54	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.08	SI
1 Piso	P40	Bottom	B243-Wy+ Loub	-21.11	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.34	SI
1 Piso	P40	Top	B244-Wx+ Loub	-19.18	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.06	SI
1 Piso	P40	Bottom	B244-Wx+ Loub	-22.80	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.31	SI
1 Piso	P40	Top	B244-Wx- Loub	-19.18	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B244-Wx- Loub	-22.80	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.31	SI
1 Piso	P40	Top	B244-Wy+ Loub	-19.18	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B244-Wy+ Loub	-22.80	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.31	SI
1 Piso	P40	Top	B244-Wy- Loub	-19.18	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B244-Wy- Loub	-22.80	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.31	SI
1 Piso	P40	Top	B245-Ex+	-18.25	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B245-Ex+	-21.98	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.31	SI
1 Piso	P40	Top	B245-Ex-	-16.21	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	1.20	SI
1 Piso	P40	Bottom	B245-Ex-	-21.84	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.34	SI
1 Piso	P40	Top	B245-Ey+	-14.51	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.04	SI
1 Piso	P40	Bottom	B245-Ey+	-22.06	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.49	SI

STORY	Jt(I/E)	LOC.	COMB.	Pu (ton)	Area acc. (m^2)	R.	Lw (cm)	bboundary (mm)	As 1 (cm^2)	fy 1 (Mpa)	As 2 (cm^2)	fy 2 (Mpa)	d 1 (cm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P40	Top	B245-Ex-	-17.05	0.62	0.97	2070	300	1920	345	*820	345	1630	1630	66.06	66.06	38.26	38.26	-0.47	SI
1 Piso	P40	Bottom	B245-Ex-	-21.75	0.62	0.97	2070	300	1920	345	*820	345	1630	1630	66.06	66.06	38.26	38.26	0.95	SI
1 Piso	P40	Top	B246-Wx+	-12.88	0.62	0.97	2070	300	*920	345	1920	345	1830	*630	66.06	66.06	38.26	38.26	-0.24	SI
1 Piso	P40	Bottom	B246-Wx+	-13.57	0.62	0.97	2070	300	1920	345	1920	345	1830	*630	66.06	66.06	38.26	38.26	-0.24	SI
1 Piso	P40	Top	B246-Wx-	-12.38	0.62	0.97	2070	300	1920	345	1920	345	1830	*630	66.06	66.06	38.26	38.26	-0.04	SI
1 Piso	P40	Bottom	B246-Wx-	*5.67	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.24	SI
1 Piso	P40	Top	B246-Wy+	-12.88	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.04	SI
1 Piso	P40	Bottom	B246-Wy+	-15.57	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.24	SI
1 Piso	P40	Top	B246-Wy-	-12.88	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.04	SI
1 Piso	P40	Bottom	B246-Wy-	-15.57	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.24	SI
1 Piso	P40	Top	B247-Ex+	-12.24	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.04	SI
1 Piso	P40	Bottom	B247-Ex+	-15.02	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	1.66	SI
1 Piso	P40	Top	B247-Ex-	-12.20	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	8.23	SI
1 Piso	P40	Bottom	B247-Ex-	-14.88	0.62	0.97	2070	300	1920	345	1920	345	*830	1630	66.06	66.06	38.26	38.26	1.25	SI
1 Piso	P40	Top	B247-Ey+	-12.50	0.62	0.97	2070	300	1920	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.03	SI
1 Piso	P40	Bottom	B247-Ey+	-15.10	0.62	0.97	2070	300	1920	345	*920	345	1830	1630	66.06	66.06	38.26	38.26	3.01	SI
1 Piso	P40	Top	B247-Ey-	-11.94	0.62	0.97	2070	300	*820	345	1920	345	1830	1630	66.06	66.06	38.26	38.26	-0.47	SI
1 Piso	P40	Bottom	B247-Ey-	-14.90	0.62	0.97	2070	300	*920	345	1920	345	1830	*630	66.06	66.06	38.26	38.26	-0.42	SI
1 Piso	P40	Top	B242 G	-20.27	0.62	0.97	2070	300	1920	345	1920	345	*830	1630	66.06	66.06	38.26	38.26	0.37	SI
1 Piso	P40	Bottom	B242 G	-23.87	0.62	0.97	2070	300	1920	345	1920	345	*830	1630	66.06	66.06	38.26	38.26	-0.28	SI
1 Piso	P40	Top	B243-Wx- G	-*8.25	0.62	0.97	2070	300	1920	345	1920	345	1530	1630	66.06	66.06	38.26	38.26	-0.09	SI
1 Piso	P40	Bottom	B243-Wx- G	-22.72	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.43	SI
1 Piso	P40	Top	B243-Wy- G	-19.25	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.06	SI
1 Piso	P40	Bottom	B243-Wy- G	-22.72	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.43	SI
1 Piso	P40	Top	B243-Wx+ G	-19.25	0.62	0.97	2070	300	*920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.05	SI
1 Piso	P40	Bottom	B243-Wx+ G	-22.72	0.62	0.97	2070	300	*920	345	1920	345	1630	*630	66.06	66.06	38.26	38.26	-0.43	SI
1 Piso	P40	Top	B243-Wy+ G	-19.25	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.06	SI
1 Piso	P40	Bottom	B243-Wy+ G	-22.72	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.43	SI
1 Piso	P40	Top	B244-Wx- G	-19.71	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.06	SI
1 Piso	P40	Bottom	B244-Wx- G	-23.90	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.33	SI
1 Piso	P40	Top	B244-Wx+ G	-19.71	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B244-Wx+ G	-23.90	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.33	SI
1 Piso	P40	Top	B244-Wy- G	-19.71	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.07	SI
1 Piso	P40	Bottom	B244-Wy- G	-23.90	0.62	0.97	2070	300	1920	345	1920	345	1630	1630	66.06	66.06	38.26	38.26	-0.33	SI
1 Piso	P41	Top	B241	-20.69	0.63	0.97	2090	300	1920	345	*820	345	1650	1650	66.87	66.87	38.73	38.73	-1.32	SI
1 Piso	P41	Bottom	B241	24.39	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B242 Loub	21.25	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.11	SI
1 Piso	P41	Bottom	B242 Loub	-24.19	0.63	0.97	2090	300	1920	345	1920	345	1650	*650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B243-Wx- Loub	-19.36	0.63	0.97	2090	300	*920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.21	SI
1 Piso	P41	Bottom	B243-Wx- Loub	-22.14	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Top	B243-Wx+ Loub	-19.31	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.21	SI
1 Piso	P41	Bottom	B243-Wx+ Loub	-22.14	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Top	B243-Wy- Loub	-19.31	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.21	SI
1 Piso	P41	Bottom	B243-Wy- Loub	-22.14	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Top	B243-Wy+ Loub	-19.31	0.63	0.97	2090	300	1920	345	*820	345	1650	1650	66.87	66.87	38.73	38.73	-1.21	SI
1 Piso	P41	Bottom	B243-Wy+ Loub	-22.14	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B244-Wx- Loub	-20.83	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.17	SI
1 Piso	P41	Bottom	B244-Wx- Loub	-23.71	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B244-Wx+ Loub	-20.83	0.63	0.97	2090	300	1920	345	*820	345	1650	1650	66.87	66.87	38.73	38.73	-1.17	SI
1 Piso	P41	Bottom	B244-Wx+ Loub	-23.71	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B244-Wy- Loub	-20.83	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.17	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area mu. (m²)	R_w	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext. (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P41	Bottom	B244 Wy- Loub	-23.71	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Top	B245-Ex+	-19.85	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-2.62	SI
1 Piso	P41	Bottom	B245-Ex+	-22.87	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	3.31	SI
1 Piso	P41	Top	B245-Ex-	-19.81	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B245-Ex-	-22.83	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P41	Top	B245-Ey+	-20.16	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-2.91	SI
1 Piso	P41	Bottom	B245-Ey+	-22.90	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P41	Top	B245-Ey-	-19.50	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.09	SI
1 Piso	P41	Bottom	B245-Ey-	-22.62	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.30	SI
1 Piso	P41	Top	B246-Wx+	-14.19	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.28	SI
1 Piso	P41	Bottom	B246-Wx+	-16.33	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.09	SI
1 Piso	P41	Top	B246-Wx-	-14.19	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B246-Wx-	-16.33	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.09	SI
1 Piso	P41	Top	B246-Wy+	-14.19	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B246-Wy+	-16.33	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.09	SI
1 Piso	P41	Top	B246-Wy-	-14.19	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B246-Wy-	-16.33	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.09	SI
1 Piso	P41	Top	B247-Ex+	-13.97	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B247-Ex+	-15.77	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-2.38	SI
1 Piso	P41	Top	B247-Ex-	-13.47	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	3.31	SI
1 Piso	P41	Bottom	B247-Ex-	-15.55	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.87	SI
1 Piso	P41	Top	B247-Ey+	-13.81	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-3.31	SI
1 Piso	P41	Bottom	B247-Ey+	-15.60	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.65	SI
1 Piso	P41	Top	B247-Ey-	-13.16	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.26	SI
1 Piso	P41	Bottom	B247-Ey-	-15.51	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.04	SI
1 Piso	P41	Top	B248 G	-21.80	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.29	SI
1 Piso	P41	Bottom	B248 G	-24.72	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.16	SI
1 Piso	P41	Top	B243-Wx- G	-21.12	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Bottom	B243-Wx- G	-23.84	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.32	SI
1 Piso	P41	Top	B243-Wx- G	-21.12	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.03	SI
1 Piso	P41	Bottom	B243-Wy+ G	-23.84	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.32	SI
1 Piso	P41	Top	B243-Wy+ G	-21.12	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P41	Bottom	B243-Wy+ G	-23.84	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	1.32	SI
1 Piso	P41	Top	B244-Wx- G	-21.38	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.09	SI
1 Piso	P41	Bottom	B244-Wx- G	-24.25	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.20	SI
1 Piso	P41	Top	B244-Wx+ G	-21.38	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B244-Wx+ G	-24.25	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	1.20	SI
1 Piso	P41	Top	B244-Wy- G	-21.38	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B244-Wy- G	-24.25	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.20	SI
1 Piso	P41	Top	B244-Wy+ G	-21.99	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P41	Bottom	B244-Wy+ G	-24.25	0.63	0.97	2090	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-1.20	SI
1 Piso	P42	Top	B241	-16.77	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.04	SI
1 Piso	P42	Bottom	B241	-21.01	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	-0.54	SI
1 Piso	P42	Top	B249 Loub	-17.27	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.05	SI
1 Piso	P42	Bottom	B249 Loub	-21.01	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	-0.55	SI
1 Piso	P42	Top	B243-Wx+ Loub	-15.58	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	2.04	SI
1 Piso	P42	Bottom	B243 Wx+ Loub	-19.74	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	-0.53	SI
1 Piso	P42	Top	B243-Wx- Loub	-15.58	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.05	SI
1 Piso	P42	Bottom	B243-Wx- Loub	-19.14	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	-0.55	SI
1 Piso	P42	Top	B243-Wy+ Loub	-15.58	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.05	SI
1 Piso	P42	Bottom	B243-Wy+ Loub	-19.14	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	-0.53	SI
1 Piso	P42	Top	B243-Wy- Loub	-15.58	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.05	SI
1 Piso	P42	Bottom	B243-Wy- Loub	-19.14	0.62	0.97	2070	300	1920	345	1920	345	1590	1590	62.01	62.01	35.91	35.91	0.05	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área cor. (m²)	R_n	Lw (mm)	hwcs muro (mm)	As 1 (mm²)	fy 1 (kg/cm²)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	Mn ext (ton-m)	ϕMn int (ton-m)	Mu) (ton-m)	Cumple
1 Piso	P42	Top	B244-Wx+ Loub	-16.92	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.39	SI
1 Piso	P42	Bottom	B244-Wx+ Loub	-20.58	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Top	B244-Wx- Loub	-16.92	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wx- Loub	-20.58	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.55	SI
1 Piso	P42	Top	B244-Wx+ Loub	-16.92	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wx+ Loub	-20.58	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.56	SI
1 Piso	P42	Top	B244-Wx- Loub	-16.92	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wx- Loub	-20.58	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Top	B245-Ex+	-17.34	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B245-Ex+	-20.58	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-1.35	SI
1 Piso	P42	Top	B245-Ex-	-16.98	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	3.22	SI
1 Piso	P42	Bottom	B245-Ex-	-20.66	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.33	SI
1 Piso	P42	Top	B245-Ey+	-16.56	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.13	SI
1 Piso	P42	Bottom	B245-Ey+	-19.07	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.46	SI
1 Piso	P42	Top	B245-Ey-	-15.45	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.04	SI
1 Piso	P42	Bottom	B245-Ey-	-19.46	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.57	SI
1 Piso	P42	Top	B246-Wx+	-11.42	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.12	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.36	SI
1 Piso	P42	Top	B246-Wx-	-11.42	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.04	SI
1 Piso	P42	Bottom	B246-Wx-	-14.10	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.38	SI
1 Piso	P42	Top	B247-Wy+	-11.42	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.04	SI
1 Piso	P42	Bottom	B247-Wy+	-14.10	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.38	SI
1 Piso	P42	Top	B247-Wy-	-11.42	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.04	SI
1 Piso	P42	Bottom	B247-Wy-	-14.10	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.38	SI
1 Piso	P42	Top	B247-Ex+	-11.81	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.04	SI
1 Piso	P42	Bottom	B247-Ex+	-14.97	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-1.19	SI
1 Piso	P42	Top	B247-Ex-	-9.75	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	3.21	SI
1 Piso	P42	Bottom	B247-Ex-	-12.94	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.46	SI
1 Piso	P42	Top	B247-Ey+	-11.13	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.14	SI
1 Piso	P42	Bottom	B247-Ey+	-13.78	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.20	SI
1 Piso	P42	Top	B247-Ey-	-10.23	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.06	SI
1 Piso	P42	Bottom	B247-Ey-	-13.29	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.41	SI
1 Piso	P42	Top	B242 G	-17.78	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.11	SI
1 Piso	P42	Bottom	B242 G	-21.48	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.58	SI
1 Piso	P42	Top	B243-Wx- G	-17.23	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.04	SI
1 Piso	P42	Bottom	B243-Wx- G	-20.68	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.62	SI
1 Piso	P42	Top	B243-Wx+ G	-17.23	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B243-Wx+ G	-20.68	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.62	SI
1 Piso	P42	Top	B243-Wy+ G	-17.23	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B243-Wy+ G	-20.68	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.62	SI
1 Piso	P42	Top	B243-Wy- G	-17.23	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B243-Wy- G	-20.68	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.62	SI
1 Piso	P42	Top	B244-Wx- G	-17.44	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wx- G	-21.06	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.59	SI
1 Piso	P42	Top	B244-Wx+ G	-17.44	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wx+ G	-21.06	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.59	SI
1 Piso	P42	Top	B244-Wy+ G	-17.44	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wy+ G	-21.06	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.59	SI
1 Piso	P42	Top	B244-Wy- G	-17.44	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	0.05	SI
1 Piso	P42	Bottom	B244-Wy- G	-21.06	0.62	0.97	2070	300	1920	345	1920	345	1530	1530	62.01	62.01	95.91	95.91	-0.59	SI
1 Piso	P43	Top	B241	19.77	0.62	0.97	2070	2001	1920	345	1920	345	1650	1650	66.87	62.01	95.91	95.91	0.16	SI
1 Piso	P43	Bottom	B241	-25.96	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B242 Loub	-19.26	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B242 Loub	-22.68	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Top	B243-Wx+ Loub	-19.26	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	0.02	SI
1 Piso	P43	Bottom	B243-Wx+ Loub	-22.68	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.87	66.87	38.73	38.73	-0.06	SI

STORY	MURO	LOC	COMB	Pu (ton)	Área Vec. (m²)	ϕ_v	Lw (mm)	$D_{Acero\ elastico}$ (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MS3 (ton-m)	Cumple
1 Piso	P43	Bottom	B243-Wx+ Loub	-21.01	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Top	B243-Wx+ Loub	-18.26	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.06	SI
1 Piso	P43	Bottom	B243-Wx- Loub	-21.01	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Top	B243-Wx+ Loub	-18.26	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B243-Wy+ Loub	-21.01	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.02	SI
1 Piso	P43	Top	B243-Wy- Loub	-18.26	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B243-Wy+ Loub	-21.01	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.08	SI
1 Piso	P43	Top	B244-Wx+ Loub	-19.63	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B244-Wx+ Loub	-22.47	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.04	SI
1 Piso	P43	Top	B244-Wx- Loub	-19.63	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B244-Wx- Loub	-22.47	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.04	SI
1 Piso	P43	Top	B244-Wy+ Loub	-19.63	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B244-Wy+ Loub	-22.47	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.04	SI
1 Piso	P43	Top	B244-Wy- Loub	-19.63	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B244-Wy+ Loub	-22.47	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.04	SI
1 Piso	P43	Top	B245-Ex+	-17.58	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B245-Ex+	-20.58	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.80	SI
1 Piso	P43	Top	B245-Ex-	-18.67	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	3.25	SI
1 Piso	P43	Bottom	B245-Ex-	22.51	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.86	SI
1 Piso	P43	Top	B245-Ey+	-18.00	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-3.22	SI
1 Piso	P43	Bottom	B245-Ey+	-21.54	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.04	SI
1 Piso	P43	Top	B245-Ey-	-18.37	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.19	SI
1 Piso	P43	Bottom	B245-Ey-	-21.52	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.07	SI
1 Piso	P43	Top	B246-Wx+	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.16	SI
1 Piso	P43	Bottom	B246-Wx+	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B246-Wx-	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B246-Wx-	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B246-Wy+	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B246-Wy+	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B246-Wy-	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B246-Wy-	-18.40	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B247-Ex+	-11.61	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.00	SI
1 Piso	P43	Bottom	B247-Ex+	-13.66	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.93	SI
1 Piso	P43	Top	B247-Ex-	-13.76	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	3.25	SI
1 Piso	P43	Bottom	B247-Ex-	-15.81	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.86	SI
1 Piso	P43	Top	B247-Ey+	-12.97	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-3.23	SI
1 Piso	P43	Bottom	B247-Ey+	-14.87	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.11	SI
1 Piso	P43	Top	B247-Ey-	-12.45	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.18	SI
1 Piso	P43	Bottom	B247-Ey-	-14.87	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.04	SI
1 Piso	P43	Top	B242 G	-20.31	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.16	SI
1 Piso	P43	Bottom	B242 G	-23.41	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P43	Top	B243-Wx- G	-20.07	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	7.01	SI
1 Piso	P43	Bottom	B243-Wx- G	-22.68	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.13	SI
1 Piso	P43	Top	B243-Wy- G	-20.07	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B243-Wy- G	-22.68	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.12	SI
1 Piso	P43	Top	B243-Wx+ G	-20.07	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P43	Bottom	B243-Wx+ G	-22.68	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.13	SI
1 Piso	P43	Top	B243-Wy+ G	-20.07	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P43	Bottom	B243-Wy+ G	-22.68	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.13	SI
1 Piso	P43	Top	B244-Wx- G	-20.19	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.01	SI
1 Piso	P43	Bottom	B244-Wx- G	-22.99	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI
1 Piso	P43	Top	B244-Wx+ G	-20.19	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.07	SI
1 Piso	P43	Bottom	B244-Wx+ G	-22.99	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.06	SI
1 Piso	P43	Top	B244-Wy- G	-20.19	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	0.01	SI
1 Piso	P43	Bottom	B244-Wy- G	-22.99	0.62	0.87	2070	300	1920	345	1920	345	1050	1650	66.87	66.87	38.73	38.73	-0.05	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area ext (mm²)	R_x	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MES (ton-m)	Cumple
1 Piso	P43	Top	B244-Wy+ G	-20.10	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.47	66.47	38.73	38.73	-0.35	SI
1 Piso	P43	Bottom	B244-Wy+ G	-22.99	0.62	0.97	2070	300	1920	345	1920	345	1650	1650	66.47	66.47	38.73	38.73	0.01	SI
1 Piso	P44	Top	B241	-18.84	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.48	38.48	-0.01	SI
1 Piso	P44	Bottom	B241	-22.77	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.48	38.48	0.01	SI
1 Piso	P44	Top	B242 Lcub	-19.46	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.08	SI
1 Piso	P44	Bottom	B242 Lcub	-20.06	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B243-Wx+ Lcub	-17.34	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.48	38.49	0.09	SI
1 Piso	P44	Bottom	B243-Wx+ Lcub	-20.82	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.46	0.00	SI
1 Piso	P44	Top	B243-Wx+ Lcub	-17.34	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.05	SI
1 Piso	P44	Bottom	B243-Wx+ Lcub	-20.82	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B243-Wy+ Lcub	-17.34	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.05	SI
1 Piso	P44	Bottom	B243-Wy+ Lcub	-20.82	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B243-Wy+ Lcub	-17.34	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.48	38.49	0.05	SI
1 Piso	P44	Bottom	B243-Wy+ Lcub	-20.82	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B244-Wy+ Lcub	-18.99	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.07	SI
1 Piso	P44	Bottom	B244-Wy+ Lcub	-22.52	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B244-Wy+ Lcub	-18.99	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.07	SI
1 Piso	P44	Bottom	B244-Wy+ Lcub	-22.52	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B245-Ex+	-18.11	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.07	SI
1 Piso	P44	Bottom	B245-Ex+	-21.50	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.48	38.49	-1.37	SI
1 Piso	P44	Top	B245-Ex-	-17.80	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	1.35	SI
1 Piso	P44	Bottom	B245-Ex-	-21.48	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.18	SI
1 Piso	P44	Top	B245-Ey-	-15.14	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.14	SI
1 Piso	P44	Bottom	B245-Ey+	-21.61	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.41	SI
1 Piso	P44	Top	B245-Ey-	-17.76	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.12	SI
1 Piso	P44	Bottom	B245-Ey-	-21.47	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.29	SI
1 Piso	P44	Top	B246-Wy+	-12.70	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Bottom	B246-Wy+	-15.32	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.04	SI
1 Piso	P44	Top	B246-Wy-	-12.70	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Bottom	B246-Wy-	-15.32	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.04	SI
1 Piso	P44	Top	B246-Wy	-12.70	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Bottom	B246-Wy	-15.32	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.04	SI
1 Piso	P44	Top	B247-Ex+	-12.14	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Bottom	B247-Ex+	-14.69	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.37	SI
1 Piso	P44	Top	B247-Ex-	-11.83	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	1.39	SI
1 Piso	P44	Bottom	B247-Ex-	-14.56	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-1.35	SI
1 Piso	P44	Top	B247-Ey+	-12.17	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.23	SI
1 Piso	P44	Bottom	B247-Ey+	-14.71	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.14	SI
1 Piso	P44	Top	B247-Ey-	-11.80	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.35	SI
1 Piso	P44	Bottom	B247-Ey-	-14.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.19	SI
1 Piso	P44	Top	B247 G	-20.04	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	-0.28	SI
1 Piso	P44	Bottom	B247 G	-23.82	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.00	SI
1 Piso	P44	Top	B243-Wx- G	-18.19	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.09	SI
1 Piso	P44	Bottom	B243-Wx- G	-22.58	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Top	B243-Wy- G	-19.19	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.07	SI
1 Piso	P44	Bottom	B243-Wy- G	-22.59	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Top	B243-Wx+ G	-19.19	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Bottom	B243-Wx+ G	-22.59	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Top	B243-Wy+ G	-19.19	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI

STORY	MURO	LOC.	COMB	Pu (tonf)	Área muro (m²)	R_u	Lw (mm)	Espesor muro (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu3 (ton-m)	Cumple
1 Piso	P44	Bottom	B243-Wy+ G	-22.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Top	B244-Wy- G	-16.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.02	SI
1 Piso	P44	Bottom	B244-Wy- G	-20.07	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.06	SI
1 Piso	P44	Top	B244-Wy- G	-18.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.06	SI
1 Piso	P44	Bottom	B244-Wy+ G	-23.07	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.01	SI
1 Piso	P44	Top	B244-Wy- G	-19.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.06	SI
1 Piso	P44	Bottom	B244-Wy- G	-23.07	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.01	SI
1 Piso	P44	Top	B244-Wy+ G	-19.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.06	SI
1 Piso	P44	Bottom	B244-Wy+ G	-22.57	0.62	0.97	2060	300	1920	345	1920	345	1640	1640	66.47	66.47	38.49	38.49	0.01	SI
1 Piso	P45	Top	B243-	-18.78	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.08	SI
1 Piso	P45	Bottom	B24!	-24.21	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.47	SI
1 Piso	P45	Top	B242 Loub	-19.78	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.00	SI
1 Piso	P45	Bottom	B242 Loub	-24.68	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.53	SI
1 Piso	P45	Top	B243-Wx+ Loub	-17.33	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.42	SI
1 Piso	P45	Bottom	B243-Wx+ Loub	-21.95	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.02	SI
1 Piso	P45	Top	B243-Wx- Loub	-17.31	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.19	SI
1 Piso	P45	Bottom	B243-Wx- Loub	-21.95	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.52	SI
1 Piso	P45	Top	B243-Wy+ Loub	-17.33	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.19	SI
1 Piso	P45	Bottom	B243-Wy+ Loub	-21.95	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.52	SI
1 Piso	P45	Top	B243-Wy- Loub	-17.33	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.19	SI
1 Piso	P45	Bottom	B243-Wy- Loub	-21.95	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.52	SI
1 Piso	P45	Top	B244-Wx+ Loub	-19.16	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.19	SI
1 Piso	P45	Bottom	B244-Wx+ Loub	-23.56	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.55	SI
1 Piso	P45	Top	B244-Wx- Loub	-19.16	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.34	SI
1 Piso	P45	Bottom	B244-Wx- Loub	-23.56	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.55	SI
1 Piso	P45	Top	B244-Wy+ Loub	-19.16	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.34	SI
1 Piso	P45	Bottom	B244-Wy+ Loub	-23.56	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.55	SI
1 Piso	P45	Top	B244-Wy- Loub	-19.16	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.34	SI
1 Piso	P45	Bottom	B244-Wy- Loub	-23.56	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.55	SI
1 Piso	P45	Top	B245-Ex+	-16.33	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.34	SI
1 Piso	P45	Bottom	B245-Ex+	-25.07	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-2.72	SI
1 Piso	P45	Top	B245-Ex-	-15.12	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	5.69	SI
1 Piso	P45	Bottom	B245-Ex-	-21.02	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-1.19	SI
1 Piso	P45	Top	B245-Ey+	-16.81	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-3.08	SI
1 Piso	P45	Bottom	B245-Ey+	-23.90	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.02	SI
1 Piso	P45	Top	B245-Ey-	-17.63	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.91	SI
1 Piso	P45	Bottom	B245-Ey-	-22.19	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.31	SI
1 Piso	P45	Top	B246-Wx+	-12.72	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.71	SI
1 Piso	P45	Bottom	B246-Wx+	-16.20	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.06	SI
1 Piso	P45	Top	B246-Wx-	-12.72	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.88	SI
1 Piso	P45	Bottom	B246-Wx-	-16.20	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.06	SI
1 Piso	P45	Top	B246-Wy+	-12.72	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.88	SI
1 Piso	P45	Bottom	B246-Wy+	-16.20	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.06	SI
1 Piso	P45	Top	B246-Wy-	-12.72	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.88	SI
1 Piso	P45	Bottom	B246-Wy-	-16.20	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.06	SI
1 Piso	P45	Top	B247-Ex+	-12.38	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.88	SI
1 Piso	P45	Bottom	B247-Ex+	-17.59	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-1.95	SI
1 Piso	P45	Top	B247-Ex-	-11.97	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	5.24	SI
1 Piso	P45	Bottom	B247-Ex-	-15.58	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.33	SI
1 Piso	P45	Top	B247-Ey+	-12.66	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-1.53	SI
1 Piso	P45	Bottom	B247-Ey+	-16.42	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.46	SI
1 Piso	P45	Top	B247-Ey-	-11.48	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.45	SI
1 Piso	P45	Bottom	B247-Ey-	-14.71	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.15	SI
1 Piso	P45	Top	B242 G	-20.31	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.05	SI
1 Piso	P45	Bottom	B242 G	-25.21	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.58	SI
1 Piso	P45	Top	B243 G	-20.31	0.62	0.97	2060	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.44	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area ac. (m²)	R_	Lw (mm)	Espesor alma (mm)	As 1 (mm²)	fy 1 (Mpa)	As 2 (mm²)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P45	Top	B243-Wx- G	-19.02	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.58	SI
1 Piso	P45	Bottom	B243-Wx- G	-23.60	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.26	SI
1 Piso	P45	Top	B243-Wy- G	-19.02	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.68	SI
1 Piso	P45	Bottom	B243-Wy- G	-23.60	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.26	SI
1 Piso	P45	Top	B243-Wx+ G	-19.02	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	0.88	SI
1 Piso	P45	Bottom	B243-Wx+ G	-23.60	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.26	SI
1 Piso	P45	Top	B243-Wy+ G	-19.02	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.68	SI
1 Piso	P45	Bottom	B243-Wy+ G	-23.60	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.26	SI
1 Piso	P45	Top	B244-Wx- G	-19.08	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.37	SI
1 Piso	P45	Bottom	B244-Wx- G	-24.46	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.60	SI
1 Piso	P45	Top	B244-Wx+ G	-19.08	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.37	SI
1 Piso	P45	Bottom	B244-Wx+ G	-24.46	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.60	SI
1 Piso	P45	Top	B244-Wy+ G	-19.08	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.37	SI
1 Piso	P45	Bottom	B244-Wy+ G	-24.46	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.60	SI
1 Piso	P45	Top	B244-Wy- G	-19.08	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.37	SI
1 Piso	P45	Bottom	B244-Wy- G	-24.46	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.60	SI
1 Piso	P45	Top	B244-Wy- G	-19.08	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	1.37	SI
1 Piso	P45	Bottom	B244-Wy- G	-24.46	0.62	0.97	2050	300	1920	345	1920	345	1470	1470	59.58	59.58	34.50	34.50	-0.60	SI
1 Piso	P46	Top	B241	-7.55	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.97	SI
1 Piso	P46	Bottom	B241	-12.75	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.97	SI
1 Piso	P46	Top	B242 Loub	-7.24	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.84	SI
1 Piso	P46	Bottom	B242 Loub	-11.82	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.36	SI
1 Piso	P46	Top	B243-Wx+ Loub	-6.80	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.78	SI
1 Piso	P46	Bottom	B243-Wx+ Loub	-11.42	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.79	SI
1 Piso	P46	Top	B243-Wx- Loub	-6.80	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.44	SI
1 Piso	P46	Bottom	B243-Wx- Loub	-11.42	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.79	SI
1 Piso	P46	Top	B243-Wy+ Loub	-6.80	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.44	SI
1 Piso	P46	Bottom	B243-Wy+ Loub	-11.42	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.79	SI
1 Piso	P46	Top	B243-Wy- Loub	-6.80	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.44	SI
1 Piso	P46	Bottom	B243-Wy- Loub	-11.42	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.79	SI
1 Piso	P46	Top	B244-Wx+ Loub	-7.15	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.44	SI
1 Piso	P46	Bottom	B244-Wx+ Loub	-11.86	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.14	SI
1 Piso	P46	Top	B244-Wx- Loub	-7.15	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.67	SI
1 Piso	P46	Bottom	B244-Wx- Loub	-11.86	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.14	SI
1 Piso	P46	Top	B244-Wy+ Loub	-7.15	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.67	SI
1 Piso	P46	Bottom	B244-Wy+ Loub	-11.86	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.14	SI
1 Piso	P46	Top	B244-Wy- Loub	-7.15	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.67	SI
1 Piso	P46	Bottom	B244-Wy- Loub	-11.86	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.14	SI
1 Piso	P46	Top	B245-Ex	-8.12	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.67	SI
1 Piso	P46	Bottom	B245-Ex	-13.49	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.94	SI
1 Piso	P46	Top	B245-Ex-	-9.84	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	4.92	SI
1 Piso	P46	Bottom	B245-Ex-	-14.46	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.38	SI
1 Piso	P46	Top	B245-Ey+	-9.46	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.63	SI
1 Piso	P46	Bottom	B245-Ey+	-15.29	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.07	SI
1 Piso	P45	Top	B245-Ey-	-5.35	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	2.43	SI
1 Piso	P46	Bottom	B245-Ey-	-7.58	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.28	SI
1 Piso	P46	Top	B246 Wx+	-9.03	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	0.05	SI
1 Piso	P46	Bottom	B246 Wx+	-9.44	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.00	SI
1 Piso	P46	Top	B246 Wx-	-5.03	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.07	SI
1 Piso	P46	Bottom	B246 Wx-	-9.44	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.60	SI
1 Piso	P46	Top	B246 Wy+	-5.03	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.07	SI
1 Piso	P46	Bottom	B246 Wy+	-9.44	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.60	SI
1 Piso	P46	Top	B246 Wy-	-5.03	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.07	SI
1 Piso	P46	Bottom	B246 Wy-	-9.44	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-0.60	SI
1 Piso	P46	Top	B247 Ex+	-8.07	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	1.40	SI
1 Piso	P46	Bottom	B247 Ex+	-13.74	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	-1.91	SI
1 Piso	P46	Top	B247 Ex-	-3.64	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.38	13.38	0.15	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m^2)	R_w	Lw (mm)	Espesor (mm)	As 1 (mm^2)	fy 1 (Mpa)	As 2 (mm^2)	fy 2 (Mpa)	d 1 (mm)	d 2 (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MCE (ton-m)	Cumple
1 Piso	P46	Bottom	B247-Ex-	-8.19	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-2.22	SI
1 Piso	P46	Top	B247-Ex+	-8.40	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	0.58	SI
1 Piso	P46	Bottom	B247-Ey-	-11.99	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.84	SI
1 Piso	P46	Top	B247-Ey+	-3.30	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-0.72	SI
1 Piso	P46	Bottom	B247-Ey-	-4.35	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	0.77	SI
1 Piso	P46	Top	B247-Ey+	-7.38	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-1.35	SI
1 Piso	P46	Bottom	B247-Ey-	-12.16	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.81	SI
1 Piso	P46	Top	B243-Wx- G	-7.26	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-0.74	SI
1 Piso	P46	Bottom	B243-Wx- G	-12.16	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.49	SI
1 Piso	P46	Top	B243-Wy- G	7.28	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-0.74	SI
1 Piso	P46	Bottom	B243-Wy- G	-12.16	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.49	SI
1 Piso	P46	Top	B243-Wx+ G	-7.26	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-0.74	SI
1 Piso	P46	Bottom	B243-Wx+ G	-12.16	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.49	SI
1 Piso	P46	Top	B243-Wy+ G	-7.26	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-0.74	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.49	SI
1 Piso	P46	Top	B244-Wx- G	-7.20	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-1.12	SI
1 Piso	P46	Bottom	B244-Wx- G	-12.09	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.69	SI
1 Piso	P46	Top	B244-Wx+ G	-7.30	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-1.12	SI
1 Piso	P46	Bottom	B244-Wx+ G	-12.09	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.69	SI
1 Piso	P46	Top	B244-Wy- G	-7.30	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-1.12	SI
1 Piso	P46	Bottom	B244-Wy- G	-12.09	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.69	SI
1 Piso	P46	Top	B244-Wy+ G	-7.30	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	-1.12	SI
1 Piso	P46	Bottom	B244-Wy+ G	-12.09	0.42	0.97	1410	300	1920	345	1920	345	570	570	23.10	23.10	13.39	13.39	1.69	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Osc. (m²)	R_n	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MIZ (ton-m)	Cumple
1 Piso	P21	Top	9245-Wx-	-26.37	1.37	0.97	2880	3905	2880	3909	294.00	294.00	202.51	202.51	156.37	156.37	4.75	SI
1 Piso	P21	Bottom	8246-Wx-	-32.08	1.37	0.97	2880	3910	2880	3910	294.00	294.00	202.56	202.56	156.41	156.41	0.00	SI
1 Piso	P21	Top	B246-Wx+	-26.37	1.37	0.97	2880	3911	2880	3911	294.00	294.00	202.61	202.61	156.45	156.45	4.75	SI
1 Piso	P21	Bottom	B246-Wx+	-32.08	1.37	0.97	2880	3912	2880	3912	294.00	294.00	202.66	202.66	156.49	156.49	0.00	SI
1 Piso	P21	Top	B246-Wx-	-26.37	1.37	0.97	2880	3913	2880	3913	294.00	294.00	202.71	202.71	156.53	156.53	4.75	SI
1 Piso	P21	Bottom	B246-Wx-	-32.08	1.37	0.97	2880	3914	2880	3914	294.00	294.00	202.76	202.76	156.57	156.57	0.00	SI
1 Piso	P21	Top	9247-Ex+	-26.19	1.37	0.97	2880	3915	2880	3915	294.00	294.00	202.82	202.82	156.61	156.61	4.83	SI
1 Piso	P21	Bottom	9247-Ex+	-31.63	1.37	0.97	2880	3916	2880	3916	294.00	294.00	202.87	202.87	156.65	156.65	0.00	SI
1 Piso	P21	Top	9247-Ex-	-26.89	1.37	0.97	2880	3917	2880	3917	294.00	294.00	202.92	202.92	156.69	156.69	4.73	SI
1 Piso	P21	Bottom	8247-Ex-	-30.59	1.37	0.97	2880	3918	2880	3918	294.00	294.00	202.97	202.97	156.73	156.73	0.00	SI
1 Piso	P21	Top	9247-Ey+	-25.20	1.37	0.97	2880	3919	2880	3919	294.00	294.00	203.02	203.02	156.77	156.77	4.82	SI
1 Piso	P21	Bottom	9247-Ey+	-30.66	1.37	0.97	2880	3920	2880	3920	294.00	294.00	203.07	203.07	156.81	156.81	0.00	SI
1 Piso	P21	Top	9247-Ey-	-25.55	1.37	0.97	2880	3921	2880	3921	294.00	294.00	203.13	203.13	156.85	156.85	4.82	SI
1 Piso	P21	Bottom	8247-Ey-	-31.24	1.37	0.97	2880	3922	2880	3922	294.00	294.00	203.18	203.18	156.89	156.89	0.00	SI
1 Piso	P21	Top	B242 G	-46.37	1.37	0.96	2880	3923	2880	3923	294.00	294.00	203.23	203.23	156.93	156.93	10.05	SI
1 Piso	P21	Bottom	B242 G	-54.95	1.37	0.97	2880	3924	2880	3924	294.00	294.00	203.28	203.28	156.97	156.97	0.00	SI
1 Piso	P21	Top	B243-Wx- G	-38.31	1.37	0.97	2880	3925	2880	3925	294.00	294.00	203.33	203.33	157.01	157.01	8.13	SI
1 Piso	P21	Bottom	B243-Wx- G	-45.83	1.37	0.96	2880	3926	2880	3926	294.00	294.00	203.38	203.38	157.05	157.05	0.00	SI
1 Piso	P21	Top	B243-Wx+ G	-38.31	1.37	0.97	2880	3927	2880	3927	294.00	294.00	203.44	203.44	157.09	157.09	8.13	SI
1 Piso	P21	Bottom	B243-Wx+ G	-45.83	1.37	0.96	2880	3928	2880	3928	294.00	294.00	203.49	203.49	157.13	157.13	0.00	SI
1 Piso	P21	Top	B243-Wx+ G	-38.31	1.37	0.97	2880	3929	2880	3929	294.00	294.00	203.54	203.54	157.17	157.17	8.13	SI
1 Piso	P21	Bottom	B243-Wx+ G	-45.83	1.37	0.96	2880	3930	2880	3930	294.00	294.00	203.59	203.59	157.21	157.21	0.00	SI
1 Piso	P21	Top	B243-Wx+ G	-38.31	1.37	0.97	2880	3931	2880	3931	294.00	294.00	203.64	203.64	157.25	157.25	8.13	SI
1 Piso	P21	Bottom	B243-Wx+ G	-45.83	1.37	0.96	2880	3932	2880	3932	294.00	294.00	203.70	203.70	157.29	157.29	0.00	SI
1 Piso	P21	Top	B244-Wx- G	-43.13	1.37	0.96	2880	3933	2880	3933	294.00	294.00	203.75	203.75	157.33	157.33	9.08	SI
1 Piso	P21	Bottom	B244-Wx- G	-50.95	1.37	0.97	2880	3934	2880	3934	294.00	294.00	203.80	203.80	157.37	157.37	0.00	SI
1 Piso	P21	Top	B244-Wx+ G	-43.13	1.37	0.96	2880	3935	2880	3935	294.00	294.00	203.86	203.86	157.41	157.41	9.08	SI
1 Piso	P21	Bottom	B244-Wx+ G	-50.95	1.37	0.97	2880	3936	2880	3936	294.00	294.00	203.90	203.90	157.45	157.45	0.00	SI
1 Piso	P21	Top	B244-Wx+ G	-43.13	1.37	0.96	2880	3937	2880	3937	294.00	294.00	203.96	203.96	157.49	157.49	9.08	SI
1 Piso	P21	Bottom	B244-Wx+ G	-50.95	1.37	0.97	2880	3938	2880	3938	294.00	294.00	204.01	204.01	157.53	157.53	0.00	SI
1 Piso	P21	Top	B244-Wy- G	-43.13	1.37	0.97	2880	3939	2880	3939	294.00	294.00	204.06	204.06	157.57	157.57	8.06	SI
1 Piso	P21	Bottom	B244-Wy+ G	-50.95	1.37	0.97	2880	3940	2880	3940	294.00	294.00	204.11	204.11	157.61	157.61	0.00	SI
1 Piso	P22	Top	9242	-14.56	0.80	0.97	2400	3941	2400	3941	294.00	294.00	170.14	170.14	131.37	131.37	0.05	SI
1 Piso	P22	Bottom	9242	-21.62	0.80	0.91	2400	3942	2400	3942	294.00	294.00	170.18	170.18	131.41	131.41	-0.01	SI
1 Piso	P22	Top	8242 Lcub	-13.86	0.80	0.97	2400	3943	2400	3943	294.00	294.00	170.22	170.22	131.44	131.44	0.11	SI
1 Piso	P22	Bottom	8242 Lcub	-20.11	0.80	0.91	2400	3944	2400	3944	294.00	294.00	170.27	170.27	131.47	131.47	-0.01	SI
1 Piso	P22	Top	B243-Wx+ Lcub	-13.90	0.80	0.97	2400	3945	2400	3945	294.00	294.00	170.31	170.31	131.51	131.51	0.02	SI
1 Piso	P22	Bottom	B243-Wx+ Lcub	-19.54	0.80	0.91	2400	3946	2400	3946	294.00	294.00	170.35	170.35	131.54	131.54	-0.01	SI
1 Piso	P22	Top	B243-Wx- Lcub	-13.90	0.80	0.97	2400	3947	2400	3947	294.00	294.00	170.39	170.39	131.57	131.57	0.02	SI
1 Piso	P22	Bottom	B243-Wx- Lcub	-19.54	0.80	0.91	2400	3948	2400	3948	294.00	294.00	170.44	170.44	131.61	131.61	-0.01	SI
1 Piso	P22	Top	B243-Wy+ Lcub	-13.90	0.80	0.97	2400	3949	2400	3949	294.00	294.00	170.48	170.48	131.64	131.64	0.02	SI
1 Piso	P22	Bottom	B243-Wy+ Lcub	-19.54	0.80	0.91	2400	3950	2400	3950	294.00	294.00	170.52	170.52	131.67	131.67	-0.01	SI
1 Piso	P22	Top	B243-Wy- Lcub	-13.90	0.80	0.97	2400	3951	2400	3951	294.00	294.00	170.57	170.57	131.71	131.71	0.02	SI
1 Piso	P22	Bottom	B243-Wy- Lcub	-19.54	0.80	0.91	2400	3952	2400	3952	294.00	294.00	170.61	170.61	131.74	131.74	-0.01	SI
1 Piso	P22	Top	B244-Wx+ Lcub	-13.91	0.90	0.97	2400	3953	2400	3953	294.00	294.00	170.65	170.65	131.77	131.77	0.07	SI
1 Piso	P22	Bottom	B244-Wx+ Lcub	-20.13	0.90	0.91	2400	3954	2400	3954	294.00	294.00	170.70	170.70	131.81	131.81	-0.01	SI
1 Piso	P22	Top	B244-Wx- Lcub	-13.91	0.90	0.97	2400	3955	2400	3955	294.00	294.00	170.74	170.74	131.84	131.84	0.07	SI
1 Piso	P22	Bottom	B244-Wx- Lcub	-20.13	0.90	0.91	2400	3956	2400	3956	294.00	294.00	170.78	170.78	131.87	131.87	-0.01	SI
1 Piso	P22	Top	B244-Wy+ Lcub	-13.91	0.90	0.97	2400	3957	2400	3957	294.00	294.00	170.83	170.83	131.91	131.91	0.07	SI
1 Piso	P22	Bottom	B244-Wy+ Lcub	-20.13	0.90	0.91	2400	3958	2400	3958	294.00	294.00	170.87	170.87	131.94	131.94	-0.01	SI
1 Piso	P22	Top	B244-Wy- Lcub	-13.91	0.90	0.97	2400	3959	2400	3959	294.00	294.00	170.91	170.91	131.97	131.97	0.07	SI
1 Piso	P22	Bottom	B244-Wy- Lcub	-20.13	0.90	0.91	2400	3960	2400	3960	294.00	294.00	170.96	170.96	132.01	132.01	-0.01	SI
1 Piso	P22	Top	9245-Ex+	-25.17	0.80	0.97	2400	3961	2400	3961	294.00	294.00	171.00	171.00	132.04	132.04	0.16	SI
1 Piso	P22	Bottom	9245-Ex+	-25.18	0.80	0.87	2400	3962	2400	3962	294.00	294.00	171.04	171.04	132.07	132.07	-0.29	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área inc. (m²)	R_y	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (Ton-m)	Mn int (Ton-m)	ΦMn ext (Ton-m)	ΦMn int (Ton-m)	MUZ (Ton-m)	Cumple
1 Piso	P22	Top	B245-Ex-	-10.94	0.80	0.97	2400	3983	2400	3803	294.00	294.00	171.09	171.09	132.11	132.11	0.01	SI
1 Piso	P22	Bottom	B245-Ex-	-10.58	0.80	0.97	2400	3964	2400	3984	294.00	294.00	171.13	171.13	132.14	132.14	0.00	SI
1 Piso	P22	Top	B245-Ex+	-14.00	0.80	0.91	2400	3965	2400	3865	294.00	294.00	171.17	171.17	132.17	132.17	0.13	SI
1 Piso	P22	Bottom	B245-Ex+	-21.42	0.80	0.97	2400	3966	2400	3966	294.00	294.00	171.22	171.22	132.21	132.21	-0.01	SI
1 Piso	P22	Top	B245-Ex-	-12.12	0.80	0.97	2400	3967	2400	3967	294.00	294.00	171.26	171.26	132.24	132.24	0.03	SI
1 Piso	P22	Bottom	B245-Ex-	-17.32	0.80	0.91	2400	3968	2400	3968	294.00	294.00	171.30	171.30	132.27	132.27	-0.01	SI
1 Piso	P22	Top	B246-Wx+	-9.95	0.80	0.97	2400	3969	2400	3969	294.00	294.00	171.34	171.34	132.31	132.31	0.02	SI
1 Piso	P22	Bottom	B246-Wx+	-14.43	0.80	0.97	2400	3970	2400	3970	294.00	294.00	171.39	171.39	132.34	132.34	-0.01	SI
1 Piso	P22	Top	B246-Wx-	-9.95	0.80	0.97	2400	3971	2400	3971	294.00	294.00	171.43	171.43	132.37	132.37	0.02	SI
1 Piso	P22	Bottom	B246-Wx+	-14.43	0.80	0.91	2400	3972	2400	3972	294.00	294.00	171.47	171.47	132.41	132.41	-0.01	SI
1 Piso	P22	Top	B246-Wx+	-9.05	0.80	0.97	2400	3973	2400	3973	294.00	294.00	171.51	171.52	132.44	132.44	0.02	SI
1 Piso	P22	Bottom	B246-Wx+	-14.43	0.80	0.97	2400	3974	2400	3974	294.00	294.00	171.56	171.56	132.47	132.47	-0.01	SI
1 Piso	P22	Top	B246-Wx-	-9.05	0.80	0.91	2400	3975	2400	3975	294.00	294.00	171.60	171.60	132.51	132.51	0.02	SI
1 Piso	P22	Bottom	B246-Wx-	-14.43	0.80	0.91	2400	3976	2400	3976	294.00	294.00	171.65	171.65	132.54	132.54	-0.01	SI
1 Piso	P22	Top	B247-Ex+	-11.48	0.80	0.91	2400	3977	2400	3977	294.00	294.00	171.69	171.69	132.57	132.57	0.11	SI
1 Piso	P22	Bottom	B247-Ex+	-19.71	0.80	0.97	2400	3978	2400	3978	294.00	294.00	171.74	171.73	132.61	132.61	-0.01	SI
1 Piso	P22	Top	B247-Ex-	-7.24	0.80	0.91	2400	3979	2400	3979	294.00	294.00	171.78	171.78	132.64	132.64	-0.05	SI
1 Piso	P22	Bottom	B247-Ex-	-8.00	0.80	0.97	2400	3980	2400	3980	294.00	294.00	171.82	171.82	132.67	132.67	0.03	SI
1 Piso	P22	Top	B247-Ex+	-10.30	0.80	0.97	2400	3981	2400	3981	294.00	294.00	171.86	171.86	132.71	132.71	0.08	SI
1 Piso	P22	Bottom	B247-Ex+	-16.85	0.80	0.97	2400	3982	2400	3982	294.00	294.00	171.91	171.91	132.74	132.74	-0.01	SI
1 Piso	P22	Top	B247-Ex-	-8.42	0.80	0.97	2400	3983	2400	3983	294.00	294.00	171.95	171.95	132.77	132.77	-0.02	SI
1 Piso	P22	Bottom	B247-Ex-	-11.85	0.80	0.91	2400	3984	2400	3984	294.00	294.00	171.99	171.99	132.81	132.81	0.00	SI
1 Piso	P22	Top	B242 G	-14.15	0.80	0.91	2400	3985	2400	3985	294.00	294.00	172.04	172.04	132.84	132.84	0.13	SI
1 Piso	P22	Bottom	B242 G	-20.54	0.80	0.97	2400	3986	2400	3986	294.00	294.00	172.08	172.09	132.87	132.87	-0.01	SI
1 Piso	P22	Top	B243-Wx- G	-15.14	0.80	0.91	2400	3987	2400	3987	294.00	294.00	172.13	172.12	132.91	132.91	0.00	SI
1 Piso	P22	Bottom	B243-Wx- G	-20.97	0.80	0.91	2400	3988	2400	3988	294.00	294.00	172.18	172.18	132.94	132.94	-0.01	SI
1 Piso	P22	Top	B243-Wy- G	-15.14	0.80	0.91	2400	3989	2400	3989	294.00	294.00	172.21	172.21	132.97	132.97	0.00	SI
1 Piso	P22	Bottom	B243-Wy- G	-20.02	0.80	0.97	2400	3990	2400	3990	294.00	294.00	172.25	172.25	133.01	133.01	-0.01	SI
1 Piso	P22	Top	B243-Wx+ G	-15.14	0.80	0.91	2400	3991	2400	3991	294.00	294.00	172.29	172.29	133.04	133.04	0.00	SI
1 Piso	P22	Bottom	B243-Wx+ G	-20.82	0.80	0.91	2400	3992	2400	3992	294.00	294.00	172.34	172.34	133.07	133.07	-0.01	SI
1 Piso	P22	Top	B243-Wy+ G	-15.14	0.80	0.91	2400	3993	2400	3993	294.00	294.00	172.38	172.38	133.11	133.11	0.00	SI
1 Piso	P22	Bottom	B243-Wy+ G	-20.82	0.80	0.97	2400	3994	2400	3994	294.00	294.00	172.43	172.42	133.14	133.14	-0.01	SI
1 Piso	P22	Top	B244-Wx- G	-14.39	0.80	0.91	2400	3995	2400	3995	294.00	294.00	172.47	172.47	133.17	133.17	0.07	SI
1 Piso	P22	Bottom	B244-Wx- G	-20.56	0.80	0.97	2400	3996	2400	3996	294.00	294.00	172.51	172.51	133.21	133.21	-0.01	SI
1 Piso	P22	Top	B244-Wx+ G	-14.39	0.80	0.91	2400	3997	2400	3997	294.00	294.00	172.55	172.55	133.24	133.24	0.07	SI
1 Piso	P22	Bottom	B244-Wx+ G	-20.56	0.80	0.91	2400	3998	2400	3998	294.00	294.00	172.60	172.60	133.27	133.27	-0.01	SI
1 Piso	P22	Top	B244-Wy- G	-14.39	0.80	0.91	2400	3999	2400	3999	294.00	294.00	172.64	172.64	133.31	133.31	0.07	SI
1 Piso	P22	Bottom	B244-Wy- G	-20.56	0.80	0.97	2400	4000	2400	4000	294.00	294.00	172.68	172.68	133.34	133.34	-0.01	SI
1 Piso	P22	Top	B244-Wy+ G	-14.39	0.80	0.97	2400	4001	2400	4001	294.00	294.00	172.73	172.73	133.37	133.37	0.07	SI
1 Piso	P22	Bottom	B244-Wy+ G	-20.56	0.80	0.91	2400	4002	2400	4002	294.00	294.00	172.77	172.77	133.41	133.41	-0.01	SI
1 Piso	P29	Top	B24*	-87.44	1.57	0.96	3360	4003	3360	4003	274.00	274.00	225.48	225.48	173.19	173.19	-0.48	SI
1 Piso	P29	Bottom	B24*	-78.27	1.57	0.96	3360	4004	3360	4004	274.00	274.00	225.54	225.54	173.23	173.23	-0.01	SI
1 Piso	P29	Top	B242 Lcub	-85.96	1.57	0.96	3360	4005	3360	4005	274.00	274.00	225.59	225.59	173.27	173.27	-6.35	SI
1 Piso	P29	Bottom	B242 Lcub	-95.84	1.57	0.96	3360	4006	3360	4006	274.00	274.00	225.65	225.65	173.31	173.31	-0.01	SI
1 Piso	P29	Top	B243-Wx+ Lcub	-63.32	1.57	0.96	3360	4007	3360	4007	274.00	274.00	225.70	225.70	173.35	173.35	-5.57	SI
1 Piso	P29	Bottom	B243-Wx+ Lcub	-73.20	1.57	0.96	3360	4008	3360	4008	274.00	274.00	225.76	225.76	173.40	173.40	-0.01	SI
1 Piso	P29	Top	B243-Wx- Lcub	-63.32	1.57	0.96	3360	4009	3360	4009	274.00	274.00	225.81	225.82	173.44	173.44	-5.57	SI
1 Piso	P29	Bottom	B243-Wx- Lcub	-73.20	1.57	0.96	3360	4010	3360	4010	274.00	274.00	225.87	225.87	173.48	173.48	-0.01	SI
1 Piso	P29	Top	B243-Wy+ Lcub	-63.32	1.57	0.96	3360	4011	3360	4011	274.00	274.00	225.93	225.93	173.53	173.53	-5.57	SI
1 Piso	P29	Bottom	B243-Wy+ Lcub	-73.20	1.57	0.96	3360	4012	3360	4012	274.00	274.00	225.98	225.98	173.57	173.57	-0.01	SI
1 Piso	P29	Top	B243-Wy- Lcub	-63.32	1.57	0.96	3360	4013	3360	4013	274.00	274.00	226.04	226.04	173.61	173.61	-5.57	SI
1 Piso	P29	Bottom	B243-Wy- Lcub	-73.20	1.57	0.96	3360	4014	3360	4014	274.00	274.00	226.10	226.10	173.66	173.66	-0.01	SI
1 Piso	P29	Top	B244-Wx+ Lcub	-78.79	1.57	0.96	3360	4015	3360	4015	274.00	274.00	226.15	226.15	173.70	173.70	-7.80	SI
1 Piso	P29	Bottom	B244-Wx+ Lcub	-88.66	1.57	0.96	3360	4016	3360	4016	274.00	274.00	226.21	226.21	173.74	173.74	-0.01	SI

STORY	MURO	LOC.	COMB	Pu (Ton)	Área sec. (cm²)	R_x	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
1 Piso	P29	Top	B244-Wx- Lcub	-78.79	1.57	0.96	3360	4017	3360	4017	274.00	274.00	226.27	226.27	173.78	173.78	-7.64	SI
1 Piso	P29	Bottom	B244-Wx- Lcub	-88.66	1.57	0.96	3360	4018	3360	4018	274.00	274.00	226.32	226.32	173.82	173.82	-0.01	SI
1 Piso	P29	Top	B244-Wx+ Lcub	-78.79	1.57	0.96	3360	4019	3360	4019	274.00	274.00	226.36	226.36	173.87	173.87	-7.64	SI
1 Piso	P29	Bottom	B244-Wx+ Lcub	-88.66	1.57	0.96	3360	4020	3360	4020	274.00	274.00	226.41	226.41	173.92	173.92	-0.01	SI
1 Piso	P29	Top	B244-Wy- Lcub	-78.79	1.57	0.96	3360	4021	3360	4021	274.00	274.00	226.45	226.45	173.96	173.96	-7.64	SI
1 Piso	P29	Bottom	B244-Wy- Lcub	-88.66	1.57	0.96	3360	4022	3360	4022	274.00	274.00	226.50	226.50	174.00	174.00	-0.01	SI
1 Piso	P29	Top	B245-Ex+	-76.80	1.57	0.96	3360	4023	3360	4023	274.00	274.00	226.61	226.61	174.05	174.05	-7.72	SI
1 Piso	P29	Bottom	B245-Ex+	-89.04	1.57	0.96	3360	4024	3360	4024	274.00	274.00	226.56	226.56	174.09	174.09	-0.01	SI
1 Piso	P29	Top	B245-Ex-	-72.43	1.57	0.96	3360	4025	3360	4025	274.00	274.00	226.72	226.72	174.13	174.13	-8.13	SI
1 Piso	P29	Bottom	B245-Ex-	-70.33	1.57	0.96	3360	4026	3360	4026	274.00	274.00	226.77	226.77	174.18	174.18	0.00	SI
1 Piso	P29	Top	B245-Ey+	-77.57	1.57	0.96	3360	4027	3360	4027	274.00	274.00	226.83	226.83	174.22	174.22	-8.04	SI
1 Piso	P29	Bottom	B245-Ey+	-83.19	1.57	0.96	3360	4028	3360	4028	274.00	274.00	226.88	226.88	174.26	174.26	0.00	SI
1 Piso	P29	Top	B245-Ey-	-71.85	1.57	0.96	3360	4029	3360	4029	274.00	274.00	226.94	226.94	174.30	174.30	-7.81	SI
1 Piso	P29	Bottom	B245-Ey-	-85.16	1.57	0.96	3360	4030	3360	4030	274.00	274.00	227.00	227.00	174.35	174.35	-0.02	SI
1 Piso	P29	Top	B246-Wx+	-48.26	1.57	0.96	3360	4031	3360	4031	274.00	274.00	227.05	227.05	174.35	174.38	-4.17	SI
1 Piso	P29	Bottom	B246-Wx+	-53.72	1.57	0.96	3360	4032	3360	4032	274.00	274.00	227.11	227.11	174.43	174.43	0.00	SI
1 Piso	P29	Top	B246-Wx-	-46.26	1.57	0.96	3360	4033	3360	4033	274.00	274.00	227.17	227.17	174.48	174.48	-4.17	SI
1 Piso	P29	Bottom	B246-Wx-	-53.72	1.57	0.96	3360	4034	3360	4034	274.00	274.00	227.23	227.23	174.52	174.52	0.00	SI
1 Piso	P29	Top	B246-Wy+	-46.26	1.57	0.96	3360	4035	3360	4035	274.00	274.00	227.28	227.28	174.56	174.56	-4.17	SI
1 Piso	P29	Bottom	B246-Wy+	-53.72	1.57	0.96	3360	4036	3360	4036	274.00	274.00	227.34	227.34	174.61	174.61	0.00	SI
1 Piso	P29	Top	B246-Wy-	-46.26	1.57	0.96	3360	4037	3360	4037	274.00	274.00	227.39	227.39	174.65	174.65	-4.17	SI
1 Piso	P29	Bottom	B246-Wy-	-53.72	1.57	0.96	3360	4038	3360	4038	274.00	274.00	227.45	227.45	174.69	174.69	0.00	SI
1 Piso	P29	Top	B247-Ex+	-45.54	1.57	0.96	3360	4039	3360	4039	274.00	274.00	227.51	227.51	174.74	174.74	-3.06	SI
1 Piso	P29	Bottom	B247-Ex+	-56.32	1.57	0.96	3360	4040	3360	4040	274.00	274.00	227.56	227.56	174.78	174.78	-0.01	SI
1 Piso	P29	Top	B247-Ex-	-41.17	1.57	0.96	3360	4041	3360	4041	274.00	274.00	227.62	227.62	174.83	174.83	-4.37	SI
1 Piso	P29	Bottom	B247-Ex-	-56.60	1.57	0.96	3360	4042	3360	4042	274.00	274.00	227.68	227.68	174.87	174.87	0.00	SI
1 Piso	P29	Top	B247-Ey+	-46.11	1.57	0.96	3360	4043	3360	4043	274.00	274.00	227.73	227.73	174.91	174.91	-4.28	SI
1 Piso	P29	Bottom	B247-Ey+	-48.46	1.57	0.96	3360	4044	3360	4044	274.00	274.00	227.79	227.79	174.95	174.95	0.01	SI
1 Piso	P29	Top	B247-Ey-	-40.90	1.57	0.96	3360	4045	3360	4045	274.00	274.00	227.84	227.84	175.00	175.00	-4.05	SI
1 Piso	P29	Bottom	B247-Ey-	-52.45	1.57	0.96	3360	4046	3360	4046	274.00	274.00	227.90	227.90	175.04	175.04	-0.01	SI
1 Piso	P29	Top	B242 G	-88.82	1.57	0.96	3360	4047	3360	4047	274.00	274.00	227.96	227.96	175.08	175.08	-9.38	SI
1 Piso	P29	Bottom	B242 G	-98.18	1.57	0.96	3360	4048	3360	4048	274.00	274.00	228.01	228.01	175.13	175.13	-0.01	SI
1 Piso	P29	Top	B243-Wx- G	-70.87	1.57	0.96	3360	4049	3360	4049	274.00	274.00	228.07	228.07	175.17	175.17	-6.09	SI
1 Piso	P29	Bottom	B243-Wx- G	-80.38	1.57	0.96	3360	4050	3360	4050	274.00	274.00	228.13	228.13	175.21	175.21	-0.01	SI
1 Piso	P29	Top	B243-Wy- G	-70.87	1.57	0.96	3360	4051	3360	4051	274.00	274.00	228.18	228.18	175.25	175.26	-6.09	SI
1 Piso	P29	Bottom	B243-Wy- G	-80.38	1.57	0.96	3360	4052	3360	4052	274.00	274.00	228.24	228.24	175.30	175.30	-0.01	SI
1 Piso	P29	Top	B243-Wx+ G	-70.97	1.57	0.96	3360	4053	3360	4053	274.00	274.00	228.30	228.30	175.34	175.34	-6.09	SI
1 Piso	P29	Bottom	B243-Wx+ G	-80.38	1.57	0.96	3360	4054	3360	4054	274.00	274.00	228.35	228.35	175.39	175.39	-0.01	SI
1 Piso	P29	Top	B243-Wy+ G	-70.97	1.57	0.96	3360	4055	3360	4055	274.00	274.00	228.41	228.41	175.43	175.43	-6.09	SI
1 Piso	P29	Bottom	B243-Wy+ G	-80.38	1.57	0.96	3360	4056	3360	4056	274.00	274.00	228.46	228.46	175.47	175.47	-0.01	SI
1 Piso	P29	Top	B244-Wx- G	-81.14	1.57	0.96	3360	4057	3360	4057	274.00	274.00	228.52	228.52	175.52	175.52	-7.84	SI
1 Piso	P29	Bottom	B244-Wx- G	-90.80	1.57	0.96	3360	4058	3360	4058	274.00	274.00	228.58	228.58	175.56	175.56	-0.01	SI
1 Piso	P29	Top	B244-Wx+ G	-81.14	1.57	0.96	3360	4059	3360	4059	274.00	274.00	228.63	228.63	175.60	175.60	-7.84	SI
1 Piso	P29	Bottom	B244-Wx+ G	-90.80	1.57	0.96	3360	4060	3360	4060	274.00	274.00	228.69	228.69	175.65	175.65	-0.01	SI
1 Piso	P29	Top	B244-Wy- G	-81.14	1.57	0.96	3360	4061	3360	4061	274.00	274.00	228.75	228.75	175.69	175.69	-7.84	SI
1 Piso	P29	Bottom	B244-Wy- G	-90.80	1.57	0.96	3360	4062	3360	4062	274.00	274.00	228.80	228.80	175.73	175.73	-0.01	SI
1 Piso	P29	Top	B244-Wy+ G	-81.14	1.57	0.96	3360	4063	3360	4063	274.00	274.00	228.86	228.86	175.78	175.78	-7.84	SI
1 Piso	P29	Bottom	B244-Wy+ G	-90.80	1.57	0.96	3360	4064	3360	4064	274.00	274.00	228.91	228.91	175.82	175.82	-0.01	SI
1 Piso	P30	Top	B241	-27.30	0.53	0.96	1020	4065	1020	4065	274.00	274.00	130.84	130.84	100.49	100.49	-2.60	SI
1 Piso	P30	Bottom	B241	-29.87	0.53	0.96	1020	4066	1020	4066	274.00	274.00	130.87	130.87	100.52	100.52	0.00	SI
1 Piso	P30	Top	B242 Lcub	-34.07	0.53	0.96	1020	4067	1020	4067	274.00	274.00	130.81	130.81	100.54	100.54	-2.25	SI
1 Piso	P30	Bottom	B242 Lcub	-26.11	0.53	0.96	1020	4068	1020	4068	274.00	274.00	130.94	130.94	100.57	100.57	0.00	SI
1 Piso	P30	Top	B243-Wx+ Lcub	-24.89	0.53	0.96	1020	4069	1020	4069	274.00	274.00	130.97	130.97	100.59	100.59	-2.21	SI
1 Piso	P30	Bottom	B243-Wx+ Lcub	-21.60	0.53	0.96	1020	4070	1020	4070	274.00	274.00	131.00	131.00	100.62	100.62	0.00	SI

STORY	MURO	LOC.	COMB	P-u (ton)	Area sec. (cm²)	R_y	As ext (mm²)	fy ext (MPa)	As int (mm²)	fy int (MPa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MU2 (ton-m)	Cumple
1 Pso	P30	Top	B245-Wx+ Lcub	-24.99	0.53	0.96	1920	4071	1920	4071	274.00	274.00	131.01	131.09	100.84	100.84	-2.21	SI
1 Piso	P30	Bottom	B245-Wx+ Lcub	-31.60	0.53	0.96	1920	4072	1920	4072	274.00	274.00	131.07	131.07	100.67	100.67	0.00	SI
1 Piso	P30	Top	B245-Wx+ Lcub	-24.98	0.53	0.96	1920	4073	1920	4073	274.00	274.00	131.11	131.15	100.69	100.69	-2.21	SI
1 Piso	P30	Bottom	B245-Wx+ Lcub	-31.60	0.53	0.96	1920	4074	1920	4074	274.00	274.00	131.13	131.13	100.72	100.72	0.00	SI
1 Piso	P30	Top	B245-Wx+ Lcub	-24.98	0.53	0.96	1920	4075	1920	4075	274.00	274.00	131.11	131.16	100.74	100.74	-2.21	SI
1 Piso	P30	Bottom	B245-Wx+ Lcub	-31.60	0.53	0.96	1920	4076	1920	4076	274.00	274.00	131.19	131.11	100.76	100.76	0.00	SI
1 Piso	P30	Top	B244-Wx+ Lcub	-31.04	0.53	0.96	1920	4077	1920	4077	274.00	274.00	131.21	131.33	100.79	100.79	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ Lcub	-25.54	0.53	0.96	1920	4078	1920	4078	274.00	274.00	131.26	131.26	100.81	100.81	0.00	SI
1 Piso	P30	Top	B244-Wx+ Lcub	-31.04	0.53	0.96	1920	4079	1920	4079	274.00	274.00	131.29	131.28	100.84	100.84	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ Lcub	-25.54	0.53	0.96	1920	4080	1920	4080	274.00	274.00	131.32	131.32	100.86	100.86	0.00	SI
1 Piso	P30	Top	B244-Wx+ Lcub	-31.04	0.53	0.96	1920	4081	1920	4081	274.00	274.00	131.36	131.35	100.89	100.89	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ Lcub	-25.54	0.53	0.96	1920	4082	1920	4082	274.00	274.00	131.39	131.39	100.91	100.91	0.00	SI
1 Piso	P30	Top	B244-Wx+ Lcub	-31.04	0.53	0.96	1920	4083	1920	4083	274.00	274.00	131.42	131.42	100.94	100.94	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ Lcub	-25.54	0.53	0.96	1920	4084	1920	4084	274.00	274.00	131.45	131.45	100.96	100.96	0.00	SI
1 Piso	P30	Top	B245-Ex+	-28.12	0.53	0.96	1920	4085	1920	4085	274.00	274.00	131.48	131.49	100.99	100.99	-2.42	SI
1 Piso	P30	Bottom	B245-Ex+	-18.39	0.53	0.96	1920	4086	1920	4086	274.00	274.00	131.52	131.51	101.01	101.01	0.00	SI
1 Piso	P30	Top	B245-Ex+	-31.57	0.53	0.96	1920	4087	1920	4087	274.00	274.00	131.55	131.55	101.04	101.04	-2.07	SI
1 Piso	P30	Bottom	B245-Ex+	-31.76	0.53	0.96	1920	4088	1920	4088	274.00	274.00	131.58	131.58	101.06	101.06	0.00	SI
1 Piso	P30	Top	B245-Ex+	-33.21	0.53	0.96	1920	4089	1920	4089	274.00	274.00	131.61	131.61	101.08	101.06	-2.39	SI
1 Piso	P30	Bottom	B245-Ex+	-30.50	0.53	0.96	1920	4090	1920	4090	274.00	274.00	131.65	131.65	101.11	101.11	0.01	SI
1 Piso	P30	Top	B245-Ex+	-26.47	0.53	0.96	1920	4091	1920	4091	274.00	274.00	131.68	131.68	101.14	101.14	-2.10	SI
1 Piso	P30	Bottom	B245-Ex+	-19.20	0.53	0.96	1920	4092	1920	4092	274.00	274.00	131.71	131.71	101.16	101.16	0.00	SI
1 Piso	P30	Top	B246-Wx+	-18.39	0.53	0.96	1920	4093	1920	4093	274.00	274.00	131.74	131.74	101.18	101.18	-1.66	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	0.96	1920	4094	1920	4094	274.00	274.00	131.77	131.77	101.21	101.21	0.00	SI
1 Piso	P30	Top	B246-Wx+	-18.39	0.53	0.96	1920	4095	1920	4095	274.00	274.00	131.81	131.81	101.23	101.23	-1.66	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	0.96	1920	4096	1920	4096	274.00	274.00	131.84	131.84	101.25	101.25	0.00	SI
1 Piso	P30	Top	B246-Wx+	-18.39	0.53	0.96	1920	4097	1920	4097	274.00	274.00	131.87	131.87	101.28	101.28	-1.66	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	0.96	1920	4098	1920	4098	274.00	274.00	131.90	131.90	101.31	101.31	0.00	SI
1 Piso	P30	Top	B246-Wx+	-18.38	0.53	0.96	1920	4099	1920	4099	274.00	274.00	131.94	131.94	101.33	101.33	-1.66	SI
1 Piso	P30	Bottom	B246-Wx+	-15.95	0.53	0.96	1920	4100	1920	4100	274.00	274.00	131.97	131.97	101.35	101.35	0.00	SI
1 Piso	P30	Top	B247-Ex+	-15.83	0.53	0.96	1920	4101	1920	4101	274.00	274.00	132.00	132.00	101.38	101.38	-1.64	SI
1 Piso	P30	Bottom	B247-Ex+	-8.66	0.53	0.96	1920	4102	1920	4102	274.00	274.00	132.03	132.03	101.41	101.41	0.00	SI
1 Piso	P30	Top	B247-Ex+	-10.28	0.53	0.96	1920	4103	1920	4103	274.00	274.00	132.06	132.06	101.43	101.43	-1.50	SI
1 Piso	P30	Bottom	B247-Ex+	-22.03	0.53	0.96	1920	4104	1920	4104	274.00	274.00	132.10	132.10	101.45	101.45	0.00	SI
1 Piso	P30	Top	B247-Ex+	-20.03	0.53	0.96	1920	4105	1920	4105	274.00	274.00	132.13	132.13	101.48	101.48	-1.82	SI
1 Piso	P30	Bottom	B247-Ex+	-21.20	0.53	0.96	1920	4106	1920	4106	274.00	274.00	132.16	132.16	101.51	101.51	0.01	SI
1 Piso	P30	Top	B247-Ex+	-14.18	0.53	0.96	1920	4107	1920	4107	274.00	274.00	132.19	132.19	101.53	101.53	-1.53	SI
1 Piso	P30	Bottom	B247-Ex+	-0.50	0.53	0.96	1920	4108	1920	4108	274.00	274.00	132.22	132.22	101.56	101.56	0.00	SI
1 Piso	P30	Top	B242-Cx	-26.75	0.53	0.96	1920	4109	1920	4109	274.00	274.00	132.26	132.26	101.58	101.58	-2.24	SI
1 Piso	P30	Bottom	B242-Cx	-28.50	0.53	0.96	1920	4110	1920	4110	274.00	274.00	132.29	132.29	101.61	101.61	0.00	SI
1 Piso	P30	Top	B243-Wx+ G	-27.09	0.53	0.96	1920	4111	1920	4111	274.00	274.00	132.32	132.32	101.63	101.63	-2.19	SI
1 Piso	P30	Bottom	B243-Wx+ G	-23.16	0.53	0.96	1920	4112	1920	4112	274.00	274.00	132.35	132.35	101.65	101.65	0.00	SI
1 Piso	P30	Top	B243-Wx+ G	-27.09	0.53	0.96	1920	4113	1920	4113	274.00	274.00	132.39	132.39	101.68	101.68	-2.19	SI
1 Piso	P30	Bottom	B243-Wx+ G	-23.16	0.53	0.96	1920	4114	1920	4114	274.00	274.00	132.42	132.42	101.70	101.70	0.00	SI
1 Piso	P30	Top	B243-Wx+ G	-27.06	0.53	0.96	1920	4115	1920	4115	274.00	274.00	132.45	132.45	101.73	101.73	-2.19	SI
1 Piso	P30	Bottom	B243-Wx+ G	-23.16	0.53	0.96	1920	4116	1920	4116	274.00	274.00	132.48	132.48	101.75	101.75	0.00	SI
1 Piso	P30	Top	B243-Wx+ G	-27.06	0.53	0.96	1920	4117	1920	4117	274.00	274.00	132.51	132.51	101.78	101.78	-2.19	SI
1 Piso	P30	Bottom	B243-Wx+ G	-23.16	0.53	0.96	1920	4118	1920	4118	274.00	274.00	132.55	132.55	101.80	101.80	0.00	SI
1 Piso	P30	Top	B244-Wx+ G	-31.72	0.53	0.96	1920	4119	1920	4119	274.00	274.00	132.58	132.58	101.83	101.83	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ G	-26.42	0.53	0.96	1920	4120	1920	4120	274.00	274.00	132.61	132.61	101.85	101.85	0.00	SI
1 Piso	P30	Top	B244-Wx+ G	-31.72	0.53	0.96	1920	4121	1920	4121	274.00	274.00	132.64	132.64	101.88	101.88	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ G	-26.42	0.53	0.96	1920	4122	1920	4122	274.00	274.00	132.68	132.68	101.90	101.90	0.00	SI
1 Piso	P30	Top	B244-Wx+ G	-31.72	0.53	0.96	1920	4123	1920	4123	274.00	274.00	132.71	132.71	101.93	101.93	-2.23	SI
1 Piso	P30	Bottom	B244-Wx+ G	-26.42	0.53	0.96	1920	4124	1920	4124	274.00	274.00	132.74	132.74	101.95	101.95	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Mu x-x (m-t)	R_n	As ext (mm²)	fy ext (kgs)	As int (mm²)	fy int (kgs)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mn2 (ton-m)	Cumple
1 Piso	P30	Top	B244-Wy+ G	-31.72	0.53	0.06	1920	4125	1920	4125	274.00	274.00	132.77	132.77	101.98	101.98	-2.20	SI
1 Piso	P30	Bottom	B244-Wy+ G	-26.42	0.53	0.05	1920	4126	1920	4126	274.00	274.00	132.80	132.80	102.00	102.00	-0.00	SI
1 Piso	P31	Top	B241	-31.67	0.53	0.06	1920	4127	1920	4127	274.00	274.00	132.81	132.44	102.03	102.03	-7.96	SI
1 Piso	P31	Bottom	B241	-28.40	0.53	0.05	1920	4128	1920	4128	274.00	274.00	132.87	132.87	102.05	102.05	-0.03	SI
1 Piso	P31	Top	B242 Loub	-38.05	0.53	0.08	1920	4129	1920	4129	274.00	274.00	132.90	132.90	102.07	102.07	-11.10	SI
1 Piso	P31	Bottom	B242 Loub	-35.26	0.53	0.06	1920	4130	1920	4130	274.00	274.00	132.81	132.93	102.19	102.10	-0.01	SI
1 Piso	P31	Top	B243-Wx+ Loub	-20.76	0.53	0.03	1920	4131	1920	4131	274.00	274.00	132.97	132.97	102.12	102.12	-8.85	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-26.54	0.53	0.05	1920	4132	1920	4132	274.00	274.00	133.00	133.00	102.15	102.15	-0.01	SI
1 Piso	P31	Top	B243-Wx+ Loub	-29.79	0.53	0.06	1920	4133	1920	4133	274.00	274.00	133.03	133.03	102.17	102.17	-6.84	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-26.32	0.53	0.05	1920	4134	1920	4134	274.00	274.00	133.06	133.06	102.20	102.20	-0.01	SI
1 Piso	P31	Top	B243-Wx+ Loub	-29.79	0.53	0.06	1920	4135	1920	4135	274.00	274.00	133.09	133.09	102.22	102.22	-6.84	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-26.32	0.53	0.05	1920	4136	1920	4136	274.00	274.00	133.13	133.13	102.25	102.25	-0.01	SI
1 Piso	P31	Top	B243-Wx+ Loub	-29.79	0.53	0.06	1920	4137	1920	4137	274.00	274.00	133.16	133.16	102.27	102.27	-6.84	SI
1 Piso	P31	Bottom	B243-Wx+ Loub	-26.32	0.53	0.05	1920	4138	1920	4138	274.00	274.00	133.19	133.19	102.27	102.30	-0.01	SI
1 Piso	P31	Top	B244-Wx+ Loub	-35.58	0.53	0.08	1920	4139	1920	4139	274.00	274.00	133.22	133.22	102.32	102.32	-9.50	SI
1 Piso	P31	Bottom	B244-Wx+ Loub	-32.43	0.53	0.06	1920	4140	1920	4140	274.00	274.00	133.25	133.25	102.35	102.35	-0.01	SI
1 Piso	P31	Top	B244-Wx+ Loub	-35.58	0.53	0.08	1920	4141	1920	4141	274.00	274.00	133.29	133.29	102.37	102.37	-9.50	SI
1 Piso	P31	Bottom	B244-Wx+ Loub	-32.43	0.53	0.06	1920	4142	1920	4142	274.00	274.00	133.32	133.32	102.40	102.40	-0.01	SI
1 Piso	P31	Top	B244-Wy+ Loub	-35.59	0.53	0.08	1920	4143	1920	4143	274.00	274.00	133.35	133.35	102.42	102.42	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ Loub	-32.43	0.53	0.06	1920	4144	1920	4144	274.00	274.00	133.38	133.38	102.45	102.46	-0.01	SI
1 Piso	P31	Top	B244-Wy+ Loub	-35.59	0.53	0.08	1920	4145	1920	4145	274.00	274.00	133.42	133.42	102.47	102.47	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ Loub	-32.43	0.53	0.06	1920	4146	1920	4146	274.00	274.00	133.45	133.45	102.50	102.50	-0.01	SI
1 Piso	P31	Top	B245-Ey+	-37.80	0.53	0.09	1920	4147	1920	4147	274.00	274.00	133.48	133.48	102.52	102.52	-9.81	SI
1 Piso	P31	Bottom	B245-Ey+	-32.29	0.53	0.06	1920	4148	1920	4148	274.00	274.00	133.51	133.51	102.54	102.54	0.00	SI
1 Piso	P31	Top	B245-Ey+	-28.96	0.53	0.05	1920	4149	1920	4149	274.00	274.00	133.54	133.54	102.57	102.57	-9.40	SI
1 Piso	P31	Bottom	B245-Ey+	-21.63	0.53	0.04	1920	4150	1920	4150	274.00	274.00	133.58	133.58	102.59	102.59	-0.01	SI
1 Piso	P31	Top	B245-Ey+	-37.53	0.53	0.09	1920	4151	1920	4151	274.00	274.00	133.61	133.61	102.62	102.62	-9.85	SI
1 Piso	P31	Bottom	B245-Ey+	-28.15	0.53	0.05	1920	4152	1920	4152	274.00	274.00	133.64	133.64	102.64	102.64	0.00	SI
1 Piso	P31	Top	B245-Ey-	-34.64	0.53	0.08	1920	4153	1920	4153	274.00	274.00	133.67	133.67	102.67	102.67	-9.36	SI
1 Piso	P31	Bottom	B245-Ey-	-28.76	0.53	0.05	1920	4154	1920	4154	274.00	274.00	133.71	133.71	102.69	102.69	-0.02	SI
1 Piso	P31	Top	B246-Wx+	-21.75	0.53	0.05	1920	4155	1920	4155	274.00	274.00	133.74	133.74	102.72	102.72	-5.13	SI
1 Piso	P31	Bottom	B246-Wx+	-19.30	0.53	0.05	1920	4156	1920	4156	274.00	274.00	133.77	133.77	102.74	102.74	0.00	SI
1 Piso	P31	Top	B246-Wx+	-21.75	0.53	0.05	1920	4157	1920	4157	274.00	274.00	133.80	133.80	102.77	102.77	-5.13	SI
1 Piso	P31	Bottom	B246-Wx+	-19.30	0.53	0.05	1920	4158	1920	4158	274.00	274.00	133.83	133.83	102.79	102.79	0.00	SI
1 Piso	P31	Top	B246-Wx+	-21.75	0.53	0.05	1920	4159	1920	4159	274.00	274.00	133.87	133.87	102.82	102.82	-5.13	SI
1 Piso	P31	Bottom	B246-Wx+	-19.30	0.53	0.05	1920	4160	1920	4160	274.00	274.00	133.90	133.90	102.84	102.84	0.00	SI
1 Piso	P31	Top	B246-Wx+	-21.75	0.53	0.05	1920	4161	1920	4161	274.00	274.00	133.93	133.93	102.87	102.87	-5.13	SI
1 Piso	P31	Bottom	B246-Wx+	-19.30	0.53	0.05	1920	4162	1920	4162	274.00	274.00	133.96	133.96	102.89	102.89	0.00	SI
1 Piso	P31	Top	B247-Ex+	-24.88	0.53	0.06	1920	4163	1920	4163	274.00	274.00	134.00	134.00	102.92	102.92	-5.24	SI
1 Piso	P31	Bottom	B247-Ex+	-20.60	0.53	0.05	1920	4164	1920	4164	274.00	274.00	134.03	134.03	102.94	102.94	0.00	SI
1 Piso	P31	Top	B247-Ex+	-16.04	0.53	0.04	1920	4165	1920	4165	274.00	274.00	134.06	134.06	102.95	102.95	-5.03	SI
1 Piso	P31	Bottom	B247-Ex+	-10.95	0.53	0.03	1920	4166	1920	4166	274.00	274.00	134.09	134.09	102.99	102.99	-0.01	SI
1 Piso	P31	Top	B247-Ex+	-18.31	0.53	0.04	1920	4167	1920	4167	274.00	274.00	134.12	134.12	103.01	103.01	-5.28	SI
1 Piso	P31	Bottom	B247-Ex+	-13.47	0.53	0.03	1920	4168	1920	4168	274.00	274.00	134.16	134.16	103.04	103.04	0.01	SI
1 Piso	P31	Top	B247-Ex+	-21.42	0.53	0.05	1920	4169	1920	4169	274.00	274.00	134.19	134.19	103.06	103.06	-4.99	SI
1 Piso	P31	Bottom	B247-Ex+	-29.08	0.53	0.08	1920	4170	1920	4170	274.00	274.00	134.22	134.22	103.09	103.09	-0.01	SI
1 Piso	P31	Top	B242 Gl	-38.13	0.53	0.09	1920	4171	1920	4171	274.00	274.00	134.25	134.25	103.11	103.11	-11.10	SI
1 Piso	P31	Bottom	B242 Gl	-36.19	0.53	0.08	1920	4172	1920	4172	274.00	274.00	134.28	134.28	103.14	103.14	-0.01	SI
1 Piso	P31	Top	B243-Wy+ G	-33.41	0.53	0.08	1920	4173	1920	4173	274.00	274.00	134.32	134.32	103.16	103.16	-8.84	SI
1 Piso	P31	Bottom	B243-Wx+ G	-28.88	0.53	0.06	1920	4174	1920	4174	274.00	274.00	134.35	134.35	103.19	103.19	-0.01	SI
1 Piso	P31	Top	B243-Wy+ G	-33.41	0.53	0.08	1920	4175	1920	4175	274.00	274.00	134.38	134.38	103.21	103.21	-8.84	SI
1 Piso	P31	Bottom	B243-Wy+ G	-28.88	0.53	0.06	1920	4176	1920	4176	274.00	274.00	134.41	134.41	103.24	103.24	-0.01	SI
1 Piso	P31	Top	B243-Wy+ G	-33.41	0.53	0.08	1920	4177	1920	4177	274.00	274.00	134.45	134.45	103.26	103.26	-8.84	SI
1 Piso	P31	Bottom	B243-Wx+ G	-28.88	0.53	0.06	1920	4178	1920	4178	274.00	274.00	134.48	134.48	103.29	103.29	-0.01	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (cm^2)	R_u	As ext (cm^2)	fy ext (kg/cm²)	As int (cm^2)	fy int (kg/cm²)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
1 Piso	P31	Top	B243-Wy+ G	-33.41	0.53	0.96	1920	4179	1920	4179	274.00	274.00	134.51	134.51	109.31	109.31	-8.84	SI
1 Piso	P31	Bottom	B243-Wy+ G	-28.58	0.53	0.96	1920	4180	1920	4180	274.00	274.00	134.51	134.54	109.34	109.34	-0.01	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	0.96	1920	4181	1920	4181	274.00	274.00	134.57	134.57	109.35	109.36	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	0.96	1920	4182	1920	4182	274.00	274.00	134.61	134.61	109.39	109.39	-0.01	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	0.96	1920	4183	1920	4183	274.00	274.00	134.64	134.61	109.41	109.41	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	0.96	1920	4184	1920	4184	274.00	274.00	134.67	134.67	109.43	109.42	-0.01	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	0.96	1920	4185	1920	4185	274.00	274.00	134.70	134.70	109.45	109.45	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	0.96	1920	4186	1920	4186	274.00	274.00	134.74	134.74	109.48	109.48	-0.01	SI
1 Piso	P31	Top	B244-Wy+ G	-36.71	0.53	0.96	1920	4187	1920	4187	274.00	274.00	134.77	134.77	109.51	109.51	-9.50	SI
1 Piso	P31	Bottom	B244-Wy+ G	-33.26	0.53	0.96	1920	4188	1920	4188	274.00	274.00	134.80	134.80	109.53	109.53	-0.01	SI
1 Piso	P33	Top	B241	-32.84	0.43	0.96	1920	4189	1920	4189	274.00	274.00	134.83	134.80	109.55	109.56	4.87	SI
1 Piso	P33	Bottom	B241	-23.72	0.43	0.96	1920	4190	1920	4190	274.00	274.00	134.86	134.86	109.58	109.58	0.01	SI
1 Piso	P33	Top	B242 Comb	-35.84	0.43	0.96	1920	4191	1920	4191	274.00	274.00	134.89	134.89	109.61	109.61	5.87	SI
1 Piso	P33	Bottom	B242 Comb	-26.05	0.43	0.96	1920	4192	1920	4192	274.00	274.00	134.93	134.93	109.63	109.63	0.01	SI
1 Piso	P33	Top	B243-Wy+ Comb2	-30.85	0.43	0.96	1920	4193	1920	4193	274.00	274.00	134.96	134.96	109.66	109.66	3.99	SI
1 Piso	P33	Bottom	B243-Wy+ Comb2	-21.96	0.43	0.96	1920	4194	1920	4194	274.00	274.00	134.99	134.99	109.68	109.68	0.01	SI
1 Piso	P33	Top	B243-Wy+ Comb	-30.85	0.43	0.96	1920	4195	1920	4195	274.00	274.00	135.03	135.03	109.71	109.71	3.99	SI
1 Piso	P33	Bottom	B243-Wy+ Comb	-21.86	0.43	0.96	1920	4196	1920	4196	274.00	274.00	135.06	135.06	109.73	109.73	0.01	SI
1 Piso	P33	Top	B243-Wy+ Comb	-30.85	0.43	0.96	1920	4197	1920	4197	274.00	274.00	135.09	135.09	109.76	109.76	3.99	SI
1 Piso	P33	Bottom	B243-Wy+ Comb	-21.86	0.43	0.96	1920	4198	1920	4198	274.00	274.00	135.12	135.12	109.78	109.78	0.01	SI
1 Piso	P33	Top	B243-Wy+ Comb	-30.85	0.43	0.96	1920	4199	1920	4199	274.00	274.00	135.15	135.15	109.81	109.81	3.99	SI
1 Piso	P33	Bottom	B243-Wy+ Comb	-21.86	0.43	0.96	1920	4200	1920	4200	274.00	274.00	135.19	135.19	109.83	109.83	0.01	SI
1 Piso	P33	Top	B244-Wy+ Comb	-34.61	0.43	0.96	1920	4201	1920	4201	274.00	274.00	135.22	135.22	109.86	109.85	5.16	SI
1 Piso	P33	Bottom	B244-Wy+ Comb	-24.90	0.43	0.96	1920	4202	1920	4202	274.00	274.00	135.25	135.25	109.88	109.88	0.01	SI
1 Piso	P33	Top	B244-Wy+ Comb	-34.61	0.43	0.96	1920	4203	1920	4203	274.00	274.00	135.28	135.28	109.90	109.90	5.16	SI
1 Piso	P33	Bottom	B244-Wy+ Comb	-24.90	0.43	0.96	1920	4204	1920	4204	274.00	274.00	135.31	135.31	109.93	109.93	0.01	SI
1 Piso	P33	Top	B244-Wy+ Comb	-34.61	0.43	0.96	1920	4205	1920	4205	274.00	274.00	135.35	135.35	109.95	109.95	5.16	SI
1 Piso	P33	Bottom	B244-Wy+ Comb	-24.90	0.43	0.96	1920	4206	1920	4206	274.00	274.00	135.38	135.38	109.98	109.98	0.01	SI
1 Piso	P33	Top	B244-Wy+ Comb	-34.61	0.43	0.96	1920	4207	1920	4207	274.00	274.00	135.41	135.41	110.00	110.00	5.16	SI
1 Piso	P33	Bottom	B244-Wy+ Comb	-24.80	0.43	0.96	1920	4208	1920	4208	274.00	274.00	135.44	135.44	110.03	110.03	0.01	SI
1 Piso	P33	Top	B245-Ey+	-31.08	0.43	0.96	1920	4209	1920	4209	274.00	274.00	135.48	135.48	110.05	110.05	5.15	SI
1 Piso	P33	Bottom	B245-Ey+	-18.42	0.43	0.96	1920	4210	1920	4210	274.00	274.00	135.51	135.51	110.08	110.08	0.01	SI
1 Piso	P33	Top	B245-Ey+	-34.06	0.43	0.96	1920	4211	1920	4211	274.00	274.00	135.54	135.54	110.10	110.10	5.18	SI
1 Piso	P33	Bottom	B245-Ey+	-27.92	0.43	0.96	1920	4212	1920	4212	274.00	274.00	135.57	135.57	110.13	110.13	0.01	SI
1 Piso	P33	Top	B245-Ey+	-34.10	0.43	0.96	1920	4213	1920	4213	274.00	274.00	135.60	135.60	110.15	110.15	4.98	SI
1 Piso	P33	Bottom	B245-Ey+	-22.80	0.43	0.96	1920	4214	1920	4214	274.00	274.00	135.64	135.64	110.18	110.18	0.02	SI
1 Piso	P33	Top	B245-Ey+	-31.04	0.43	0.96	1920	4215	1920	4215	274.00	274.00	135.67	135.67	110.20	110.20	5.38	SI
1 Piso	P33	Bottom	B245-Ey+	-18.74	0.43	0.96	1920	4216	1920	4216	274.00	274.00	135.70	135.70	110.23	110.23	0.00	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	0.96	1920	4217	1920	4217	274.00	274.00	135.73	135.73	110.25	110.25	3.00	SI
1 Piso	P33	Bottom	B246-Wy+	-16.10	0.43	0.96	1920	4218	1920	4218	274.00	274.00	135.77	135.77	110.28	110.28	0.00	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	0.96	1920	4219	1920	4219	274.00	274.00	135.80	135.80	110.30	110.30	3.00	SI
1 Piso	P33	Bottom	B246-Wy+	-16.10	0.43	0.96	1920	4220	1920	4220	274.00	274.00	135.83	135.83	110.33	110.32	0.00	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	0.96	1920	4221	1920	4221	274.00	274.00	135.86	135.86	110.35	110.35	3.00	SI
1 Piso	P33	Bottom	B246-Wy+	-16.10	0.43	0.96	1920	4222	1920	4222	274.00	274.00	135.89	135.89	110.37	110.37	0.00	SI
1 Piso	P33	Top	B246-Wy+	-22.53	0.43	0.96	1920	4223	1920	4223	274.00	274.00	135.93	135.93	110.40	110.40	3.00	SI
1 Piso	P33	Bottom	B246-Wy+	-16.10	0.43	0.96	1920	4224	1920	4224	274.00	274.00	135.96	135.96	110.42	110.42	0.00	SI
1 Piso	P33	Top	B247-Ey+	-18.62	0.43	0.96	1920	4225	1920	4225	274.00	274.00	135.99	135.99	110.45	110.45	2.02	SI
1 Piso	P33	Bottom	B247-Ey+	-11.00	0.43	0.96	1920	4226	1920	4226	274.00	274.00	136.01	136.02	110.47	110.47	0.00	SI
1 Piso	P33	Top	B247-Ey+	-22.60	0.43	0.96	1920	4227	1920	4227	274.00	274.00	136.04	136.06	110.49	110.50	2.02	SI
1 Piso	P33	Bottom	B247-Ey+	-10.60	0.43	0.96	1920	4228	1920	4228	274.00	274.00	136.06	136.09	110.52	110.52	0.00	SI
1 Piso	P33	Top	B247-Ey+	-22.60	0.43	0.96	1920	4229	1920	4229	274.00	274.00	136.09	136.12	110.54	110.55	2.82	SI
1 Piso	P33	Bottom	B247-Ey+	-20.18	0.43	0.80	1920	4230	1920	4230	274.00	274.00	136.11	136.15	110.57	110.57	0.02	SI
1 Piso	P33	Top	B247-Ey+	-19.58	0.43	0.96	1920	4231	1920	4231	274.00	274.00	136.14	136.18	110.60	110.60	3.19	SI
1 Piso	P33	Bottom	B247-Ey+	-10.32	0.43	0.96	1920	4232	1920	4232	274.00	274.00	136.16	136.22	110.62	110.62	-0.01	SI

STORY	MURO	LOC.	COMB	Pu (kN)	Area acc. (cm²)	ϕ_v	As ext (mm²)	fy ext (kg/cm²)	As int (mm²)	fy int (kg/cm²)	d ext (mm)	d int (mm)	Mn ext (kg-cm)	Mn int (kg-cm)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
1 Piso	P33	Top	B243-Wx- G	-37.00	0.43	0.90	1920	4233	1920	4233	274.00	274.00	136.28	136.05	104.65	104.65	5.80	SI
1 Piso	P33	Bottom	B242 G	-26.75	0.43	0.90	1920	4234	1920	4234	274.00	274.00	136.28	136.05	104.67	104.67	0.01	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	0.90	1920	4235	1920	4235	274.00	274.00	136.31	136.11	104.70	104.70	3.58	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	0.90	1920	4236	1920	4236	274.00	274.00	136.34	136.14	104.72	104.72	0.01	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	0.90	1920	4237	1920	4237	274.00	274.00	136.38	136.18	104.74	104.74	3.58	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	0.90	1920	4238	1920	4238	274.00	274.00	136.41	136.21	104.77	104.77	0.01	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	0.90	1920	4239	1920	4239	274.00	274.00	136.44	136.24	104.79	104.79	3.58	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	0.90	1920	4240	1920	4240	274.00	274.00	136.47	136.27	104.82	104.82	0.01	SI
1 Piso	P33	Top	B243-Wx- G	-34.54	0.43	0.90	1920	4241	1920	4241	274.00	274.00	136.51	136.31	104.84	104.84	3.58	SI
1 Piso	P33	Bottom	B243-Wx- G	-24.18	0.43	0.90	1920	4242	1920	4242	274.00	274.00	136.54	136.34	104.87	104.87	0.01	SI
1 Piso	P33	Top	B244-Wx- G	-35.76	0.43	0.90	1920	4243	1920	4243	274.00	274.00	136.57	136.37	104.89	104.89	5.16	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	0.90	1920	4244	1920	4244	274.00	274.00	136.61	136.40	104.92	104.92	0.01	SI
1 Piso	P33	Top	B244-Wx- G	-35.76	0.43	0.90	1920	4245	1920	4245	274.00	274.00	136.64	136.43	104.94	104.94	5.16	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	0.90	1920	4246	1920	4246	274.00	274.00	136.67	136.47	104.97	104.97	0.01	SI
1 Piso	P33	Top	B244-Wx- G	-35.76	0.43	0.90	1920	4247	1920	4247	274.00	274.00	136.71	136.50	104.99	104.99	5.16	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	0.90	1920	4248	1920	4248	274.00	274.00	136.74	136.53	105.02	105.02	0.01	SI
1 Piso	P33	Top	B244-Wx- G	-35.76	0.43	0.90	1920	4249	1920	4249	274.00	274.00	136.78	136.57	105.04	105.04	5.16	SI
1 Piso	P33	Bottom	B244-Wx- G	-25.60	0.43	0.90	1920	4250	1920	4250	274.00	274.00	136.80	136.60	105.07	105.07	0.01	SI
1 Piso	P34	Top	B241	-75.06	2.31	0.90	4320	4251	4320	4251	274.00	274.00	307.88	307.86	236.45	236.45	4.35	SI
1 Piso	P34	Bottom	B241	-84.87	2.31	0.90	4320	4252	4320	4252	274.00	274.00	307.91	307.89	236.51	236.51	-0.01	SI
1 Piso	P34	Top	B242 Lout	-88.64	2.31	0.90	4320	4253	4320	4253	274.00	274.00	308.01	307.99	236.57	236.57	3.62	SI
1 Piso	P34	Bottom	B242 Lout	-84.52	2.31	0.90	4320	4254	4320	4254	274.00	274.00	308.04	308.02	236.62	236.62	-0.01	SI
1 Piso	P34	Top	B243-Wx+ Lout	-70.07	2.31	0.90	4320	4255	4320	4255	274.00	274.00	308.15	308.13	236.69	236.68	3.55	SI
1 Piso	P34	Bottom	B243-Wx+ Lout	-77.70	2.31	0.90	4320	4256	4320	4256	274.00	274.00	308.22	308.22	236.73	236.73	-0.01	SI
1 Piso	P34	Top	B243-Wx+ Lout	-70.07	2.31	0.90	4320	4257	4320	4257	274.00	274.00	308.30	308.30	236.79	236.79	3.51	SI
1 Piso	P34	Bottom	B243-Wx+ Lout	-77.70	2.31	0.90	4320	4258	4320	4258	274.00	274.00	308.37	308.37	236.84	236.84	-0.01	SI
1 Piso	P34	Top	B243-Wy+ Lout	-70.07	2.31	0.90	4320	4259	4320	4259	274.00	274.00	308.44	308.44	236.90	236.90	3.51	SI
1 Piso	P34	Bottom	B243-Wy+ Lout	-77.70	2.31	0.90	4320	4260	4320	4260	274.00	274.00	308.51	308.51	236.95	236.95	-0.01	SI
1 Piso	P34	Top	B243-Wy+ Lout	-70.07	2.31	0.90	4320	4261	4320	4261	274.00	274.00	308.59	308.59	237.01	237.01	3.51	SI
1 Piso	P34	Bottom	B243-Wy+ Lout	-77.70	2.31	0.90	4320	4262	4320	4262	274.00	274.00	308.66	308.66	237.07	237.07	-0.01	SI
1 Piso	P34	Top	B244-Wx+ Lout	-83.04	2.31	0.90	4320	4263	4320	4263	274.00	274.00	308.73	308.73	237.12	237.12	3.98	SI
1 Piso	P34	Bottom	B244-Wx+ Lout	-89.39	2.31	0.90	4320	4264	4320	4264	274.00	274.00	308.80	308.80	237.18	237.18	-0.01	SI
1 Piso	P34	Top	B244-Wx+ Lout	-83.04	2.31	0.90	4320	4265	4320	4265	274.00	274.00	308.88	308.88	237.23	237.23	3.98	SI
1 Piso	P34	Bottom	B244-Wx+ Lout	-89.39	2.31	0.90	4320	4266	4320	4266	274.00	274.00	308.95	308.95	237.28	237.28	-0.01	SI
1 Piso	P34	Top	B244-Wy+ Lout	-83.04	2.31	0.90	4320	4267	4320	4267	274.00	274.00	309.02	309.02	237.34	237.34	3.98	SI
1 Piso	P34	Bottom	B244-Wy+ Lout	-89.39	2.31	0.90	4320	4268	4320	4268	274.00	274.00	309.09	309.09	237.40	237.40	-0.01	SI
1 Piso	P34	Top	B244-Wy+ Lout	-83.04	2.31	0.90	4320	4269	4320	4269	274.00	274.00	309.17	309.17	237.46	237.46	3.98	SI
1 Piso	P34	Bottom	B244-Wy+ Lout	-89.39	2.31	0.90	4320	4270	4320	4270	274.00	274.00	309.24	309.24	237.51	237.51	-0.01	SI
1 Piso	P34	Top	B245-Ex+	-77.45	2.31	0.90	4320	4271	4320	4271	274.00	274.00	309.3	309.31	237.57	237.57	3.67	SI
1 Piso	P34	Bottom	B245-Ex+	-88.31	2.31	0.90	4320	4272	4320	4272	274.00	274.00	309.38	309.38	237.63	237.62	0.00	SI
1 Piso	P34	Top	B245-Ex+	-78.87	2.31	0.90	4320	4273	4320	4273	274.00	274.00	309.44	309.46	237.68	237.68	3.84	SI
1 Piso	P34	Bottom	B245-Ex+	-91.07	2.31	0.90	4320	4274	4320	4274	274.00	274.00	309.53	309.53	237.73	237.73	-0.02	SI
1 Piso	P34	Top	B245-Ex+	-78.06	2.31	0.90	4320	4275	4320	4275	274.00	274.00	309.61	309.60	237.79	237.79	5.01	SI
1 Piso	P34	Bottom	B245-Ex+	-78.03	2.31	0.90	4320	4276	4320	4276	274.00	274.00	309.67	309.67	237.85	237.85	0.01	SI
1 Piso	P34	Top	B245-Ex+	-80.72	2.31	0.90	4320	4277	4320	4277	274.00	274.00	309.74	309.74	237.90	237.90	2.60	SI
1 Piso	P34	Bottom	B245-Ex+	-98.26	2.31	0.90	4320	4278	4320	4278	274.00	274.00	309.81	309.82	237.96	237.96	-0.01	SI
1 Piso	P34	Top	B246-Wx+	-81.27	2.31	0.90	4320	4279	4320	4279	274.00	274.00	309.88	309.89	238.01	238.01	2.68	SI
1 Piso	P34	Bottom	B246-Wx+	-97.17	2.31	0.90	4320	4280	4320	4280	274.00	274.00	309.96	309.95	238.07	238.07	-0.01	SI
1 Piso	P34	Top	B246-Wx+	-81.27	2.31	0.90	4320	4281	4320	4281	274.00	274.00	310.03	310.03	238.12	238.12	2.68	SI
1 Piso	P34	Bottom	B246-Wx+	-97.17	2.31	0.90	4320	4282	4320	4282	274.00	274.00	310.11	310.11	238.18	238.18	-0.01	SI
1 Piso	P34	Top	B246-Wy+	-81.27	2.31	0.90	4320	4283	4320	4283	274.00	274.00	310.18	310.18	238.23	238.23	2.68	SI
1 Piso	P34	Bottom	B246-Wy+	-97.17	2.31	0.90	4320	4284	4320	4284	274.00	274.00	310.25	310.25	238.29	238.29	-0.01	SI
1 Piso	P34	Top	B246-Wy+	-81.27	2.31	0.90	4320	4285	4320	4285	274.00	274.00	310.32	310.32	238.35	238.35	2.68	SI
1 Piso	P34	Bottom	B246-Wy+	-97.17	2.31	0.90	4320	4286	4320	4286	274.00	274.00	310.40	310.40	238.40	238.40	-0.01	SI

STORY	MURO	LOC.	COMB	Pu (kon)	Area sec (cm²)	R_u	As ext (cm²)	f_y ext (kg/cm²)	As int (mm²)	f_y int (kg/cm²)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MQ2 (ton-m)	Cumple
1 Piso	P34	Top	5247-Ex+	-48.98	2.31	0.86	4320	4287	4320	4227	274.00	274.00	310.47	310.47	236.45	236.45	2.64	SI
1 Piso	P34	Bottom	5247-Ex+	-58.23	2.31	0.96	4320	4288	4320	4298	274.00	274.00	310.51	310.54	236.51	236.51	3.00	SI
1 Piso	P34	Top	5247-Ex-	-49.52	2.31	0.86	4320	4289	4320	4298	274.00	274.00	310.61	310.64	236.57	236.57	2.92	SI
1 Piso	P34	Bottom	B247-Ex-	-50.09	2.31	0.96	4320	4290	4320	4299	274.00	274.00	310.61	310.69	236.62	236.62	-0.37	SI
1 Piso	P34	Top	3247-Ey+	-46.24	2.31	0.86	4320	4291	4320	4291	274.00	274.00	310.71	310.76	236.68	236.68	3.86	SI
1 Piso	P34	Bottom	5247-Ey+	-48.95	2.31	0.86	4320	4287	49.46	4292	274.00	274.00	310.81	310.83	236.74	236.74	0.02	SI
1 Piso	P34	Top	B247-Ey-	-50.27	2.31	0.96	4320	4293	4320	4241	274.00	274.00	310.81	310.80	236.79	236.79	1.57	SI
1 Piso	P34	Bottom	B247-Ey-	-52.17	2.31	0.86	4320	4294	4320	4294	274.00	274.00	310.91	310.85	236.85	236.85	-0.03	SI
1 Piso	P34	Top	B242 G	-51.39	2.31	0.96	4320	4295	4320	4295	274.00	274.00	311.01	311.05	236.91	236.80	3.74	SI
1 Piso	P34	Bottom	B242 G	-96.64	2.31	0.86	4320	4296	4320	4296	274.00	274.00	311.11	311.12	236.97	236.95	-0.01	SI
1 Piso	P34	Top	B243-Wx- G	-77.92	2.31	0.96	4320	4287	4320	4207	274.00	274.00	311.19	311.19	237.01	237.01	3.25	SI
1 Piso	P34	Bottom	B243-Wx- G	-84.48	2.31	0.96	4320	4298	4320	4298	274.00	274.00	311.27	311.27	237.07	237.07	-0.01	SI
1 Piso	P34	Top	B243-Wy- G	-77.92	2.31	0.96	4320	4288	4320	4288	274.00	274.00	311.34	311.34	237.12	237.12	3.25	SI
1 Piso	P34	Bottom	B243-Wy- G	-84.48	2.31	0.96	4320	4300	4320	4300	274.00	274.00	311.41	311.41	237.18	237.18	-0.01	SI
1 Piso	P34	Top	B243-Wx+ G	-77.92	2.31	0.96	4320	4301	4320	4301	274.00	274.00	311.48	311.48	237.24	237.24	3.25	SI
1 Piso	P34	Bottom	B243-Wx+ G	-84.48	2.31	0.96	4320	4302	4320	4302	274.00	274.00	311.56	311.58	237.29	237.29	-0.01	SI
1 Piso	P34	Top	B243-Wy+ G	-77.02	2.31	0.96	4320	4303	4320	4303	274.00	274.00	311.63	311.63	237.35	237.35	3.25	SI
1 Piso	P34	Bottom	B243-Wy+ G	-84.48	2.31	0.96	4320	4304	4320	4304	274.00	274.00	311.70	311.70	237.40	237.40	-0.01	SI
1 Piso	P34	Top	B244-Wx- G	-85.48	2.31	0.96	4320	4305	4320	4305	274.00	274.00	311.77	311.77	237.45	237.45	3.58	SI
1 Piso	P34	Bottom	B244-Wx- G	-91.51	2.31	0.96	4320	4306	4320	4306	274.00	274.00	311.85	311.85	237.51	237.51	-0.01	SI
1 Piso	P34	Top	B244-Wx+ G	-85.48	2.31	0.96	4320	4307	4320	4307	274.00	274.00	311.92	311.92	237.57	237.57	3.58	SI
1 Piso	P34	Bottom	B244-Wx+ G	-91.51	2.31	0.96	4320	4308	4320	4308	274.00	274.00	311.99	311.98	237.63	237.63	-0.01	SI
1 Piso	P34	Top	B244-Wy- G	-85.48	2.31	0.96	4320	4309	4320	4309	274.00	274.00	312.06	312.06	237.68	237.68	3.58	SI
1 Piso	P34	Bottom	B244-Wy- G	-91.51	2.31	0.96	4320	4310	4320	4310	274.00	274.00	312.13	312.13	237.74	237.74	-0.01	SI
1 Piso	P34	Top	B244-Wy+ G	-85.48	2.31	0.96	4320	4311	4320	4311	274.00	274.00	312.21	312.21	237.78	237.79	3.58	SI
1 Piso	P34	Bottom	B244-Wy+ G	-91.51	2.31	0.96	4320	4312	4320	4312	274.00	274.00	312.28	312.28	237.85	237.85	-0.01	SI
1 Piso	P37	Top	B241	-27.13	0.46	0.86	1920	4313	1920	4313	274.00	274.00	138.81	138.82	105.82	105.82	4.06	SI
1 Piso	P37	Bottom	B241	-29.55	0.46	0.96	1920	4314	1920	4314	274.00	274.00	138.86	138.86	105.85	105.85	0.01	SI
1 Piso	P37	Top	B242 Ex+B	-30.17	0.46	0.96	1920	4315	1920	4315	274.00	274.00	138.86	138.86	105.87	105.87	5.23	SI
1 Piso	P37	Bottom	B242 Ex+B	-33.80	0.46	0.86	1920	4316	1920	4316	274.00	274.00	138.92	138.92	105.92	105.92	0.01	SI
1 Piso	P37	Top	B243-Wx+ Lcub	-25.49	0.46	0.96	1920	4317	1920	4317	274.00	274.00	138.85	138.85	105.72	105.72	3.67	SI
1 Piso	P37	Bottom	B243-Wx+ Lcub	-27.27	0.46	0.96	1920	4318	1920	4318	274.00	274.00	138.90	138.90	105.75	105.75	0.01	SI
1 Piso	P37	Top	B243-Wx- Lcub	-25.49	0.46	0.96	1920	4319	1920	4319	274.00	274.00	138.97	138.92	105.77	105.77	3.47	SI
1 Piso	P37	Bottom	B243-Wx- Lcub	-27.27	0.46	0.96	1920	4320	1920	4320	274.00	274.00	139.05	138.95	105.80	105.80	0.01	SI
1 Piso	P37	Top	B243-Wy+ Lcub	-25.49	0.46	0.96	1920	4321	1920	4321	274.00	274.00	139.09	139.09	105.82	105.82	3.47	SI
1 Piso	P37	Bottom	B243-Wy+ Lcub	-27.27	0.46	0.96	1920	4322	1920	4322	274.00	274.00	139.11	139.11	105.85	105.85	0.01	SI
1 Piso	P37	Top	B243-Wy- Lcub	-25.49	0.46	0.96	1920	4323	1920	4323	274.00	274.00	139.14	139.14	105.87	105.87	3.47	SI
1 Piso	P37	Bottom	B243-Wy- Lcub	-27.27	0.46	0.96	1920	4324	1920	4324	274.00	274.00	139.19	139.18	105.90	105.90	0.01	SI
1 Piso	P37	Top	B244-Wx+ Lcub	-28.84	0.46	0.96	1920	4325	1920	4325	274.00	274.00	139.27	139.31	105.97	106.02	4.57	SI
1 Piso	P37	Bottom	B244-Wx+ Lcub	-31.81	0.46	0.86	1920	4326	1920	4326	274.00	274.00	139.24	139.24	105.95	105.95	0.01	SI
1 Piso	P37	Top	B244-Wx- Lcub	-28.84	0.46	0.96	1920	4327	1920	4327	274.00	274.00	139.27	139.27	105.97	105.97	4.57	SI
1 Piso	P37	Bottom	B244-Wx- Lcub	-31.81	0.46	0.86	1920	4328	1920	4328	274.00	274.00	139.31	139.31	105.99	105.99	0.01	SI
1 Piso	P37	Top	B244-Wy+ Lcub	-28.84	0.46	0.96	1920	4329	1920	4329	274.00	274.00	139.34	139.34	107.02	107.02	4.57	SI
1 Piso	P37	Bottom	B244-Wy+ Lcub	-31.81	0.46	0.86	1920	4330	1920	4330	274.00	274.00	139.37	139.37	107.04	107.04	0.01	SI
1 Piso	P37	Top	B244-Wy- Lcub	-28.84	0.46	0.96	1920	4331	1920	4331	274.00	274.00	139.40	139.40	107.07	107.07	4.57	SI
1 Piso	P37	Bottom	B244-Wy- Lcub	-31.81	0.46	0.96	1920	4332	1920	4332	274.00	274.00	139.43	139.43	107.09	107.09	0.01	SI
1 Piso	P37	Top	B245-Ex+	-30.86	0.46	0.96	1920	4333	1920	4333	274.00	274.00	139.47	139.47	107.12	107.12	4.62	SI
1 Piso	P37	Bottom	B245-Ex+	-29.82	0.46	0.96	1920	4334	1920	4334	274.00	274.00	139.50	139.50	107.14	107.14	0.01	SI
1 Piso	P37	Top	B245-Ex-	-23.65	0.46	0.96	1920	4335	1920	4335	274.00	274.00	139.53	139.53	107.17	107.17	4.53	SI
1 Piso	P37	Bottom	B245-Ex-	-31.07	0.46	0.96	1920	4336	1920	4336	274.00	274.00	139.56	139.56	107.19	107.19	0.01	SI
1 Piso	P37	Top	B245-Ey+	-28.66	0.46	0.96	1920	4337	1920	4337	274.00	274.00	139.60	139.60	107.22	107.22	4.35	SI
1 Piso	P37	Bottom	B245-Ey+	-35.87	0.46	0.96	1920	4338	1920	4338	274.00	274.00	139.63	139.63	107.24	107.24	0.02	SI
1 Piso	P37	Top	B245-Ey-	-25.88	0.46	0.96	1920	4339	1920	4339	274.00	274.00	139.66	139.66	107.27	107.27	4.50	SI
1 Piso	P37	Bottom	B245-Ey-	-26.82	0.46	0.96	1920	4340	1920	4340	274.00	274.00	139.69	139.69	107.29	107.29	0.00	SI

STORY	MURO	LOC.	COMB	Pu [ton]	Área A_{cv} [cm²]	R_u	As ext [cm²/cm]	fy ext [Mpa]	As int [cm²/cm]	fy int [Mpa]	d ext [mm]	d int [mm]	Mu ext [ton-m]	Mu int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	M12 [ton-m]	Cumple
1 Piso	P37	Top	D246-Wx+	-16.62	0.46	0.86	1920	4341	1920	4341	274.00	274.00	139.72	139.72	107.32	107.32	2.60	SI
1 Piso	P37	Bottom	B246-Wx+	-20.02	0.46	0.95	1920	4342	1920	4342	274.00	274.00	139.76	139.76	107.34	107.34	0.01	SI
1 Piso	P37	Top	B246-Wx-	-16.62	0.46	0.86	1920	4343	1920	4343	274.00	274.00	139.76	139.76	107.37	107.37	2.60	SI
1 Piso	P37	Bottom	B246-Wx-	-20.02	0.46	0.95	1920	4344	1920	4344	274.00	274.00	139.82	139.82	107.39	107.39	0.01	SI
1 Piso	P37	Top	D246-Wx+	-16.62	0.46	0.86	1920	4345	1920	4345	274.00	274.00	139.85	139.85	107.41	107.41	2.60	SI
1 Piso	P37	Bottom	D246-Wx+	-20.02	0.46	0.95	1920	4346	1920	4346	274.00	274.00	139.89	139.88	107.44	107.44	0.01	SI
1 Piso	P37	Top	B246-Wx-	-16.62	0.46	0.86	1920	4347	1920	4347	274.00	274.00	139.92	139.92	107.46	107.46	2.60	SI
1 Piso	P37	Bottom	B246-Wx-	-20.02	0.46	0.95	1920	4348	1920	4348	274.00	274.00	139.95	139.95	107.48	107.48	0.01	SI
1 Piso	P37	Top	B247-Ex+	-21.05	0.46	0.96	1920	4349	1920	4349	274.00	274.00	139.98	139.98	107.51	107.51	2.65	SI
1 Piso	P37	Bottom	B247-Ex+	-16.27	0.46	0.86	1920	4350	1920	4350	274.00	274.00	140.01	140.01	107.53	107.54	0.00	SI
1 Piso	P37	Top	B247-Ex-	-13.84	0.46	0.96	1920	4351	1920	4351	274.00	274.00	140.05	140.05	107.55	107.56	2.66	SI
1 Piso	P37	Bottom	B247-Ex-	-19.79	0.46	0.96	1920	4352	1920	4352	274.00	274.00	140.08	140.08	107.58	107.59	0.01	SI
1 Piso	P37	Top	B247-Ey+	-16.84	0.46	0.96	1920	4353	1920	4353	274.00	274.00	140.11	140.11	107.61	107.61	2.38	SI
1 Piso	P37	Bottom	B247-Ey+	-24.52	0.46	0.96	1920	4354	1920	4354	274.00	274.00	140.14	140.14	107.64	107.64	0.02	SI
1 Piso	P37	Top	B247-Ey-	-16.04	0.46	0.96	1920	4355	1920	4355	274.00	274.00	140.17	140.17	107.66	107.66	2.63	SI
1 Piso	P37	Bottom	B247-Ey-	-17.48	0.46	0.96	1920	4356	1920	4356	274.00	274.00	140.21	140.21	107.69	107.69	-0.01	SI
1 Piso	P37	Top	B242 G	-31.12	0.46	0.96	1920	4357	1920	4357	274.00	274.00	140.24	140.24	107.71	107.71	5.29	SI
1 Piso	P37	Bottom	B242 G	-34.63	0.46	0.96	1920	4358	1920	4358	274.00	274.00	140.27	140.27	107.74	107.74	0.01	SI
1 Piso	P37	Top	B243-Wx- G	-28.53	0.46	0.96	1920	4359	1920	4359	274.00	274.00	140.30	140.30	107.76	107.76	3.47	SI
1 Piso	P37	Bottom	B243-Wx- G	-28.93	0.46	0.96	1920	4360	1920	4360	274.00	274.00	140.34	140.34	107.79	107.79	0.01	SI
1 Piso	P37	Top	B243-Wx+ G	-28.53	0.46	0.96	1920	4361	1920	4361	274.00	274.00	140.37	140.37	107.81	107.81	3.47	SI
1 Piso	P37	Bottom	B243-Wx+ G	-28.93	0.46	0.96	1920	4362	1920	4362	274.00	274.00	140.40	140.40	107.84	107.84	0.01	SI
1 Piso	P37	Top	B243-Wx+ G	-28.53	0.46	0.96	1920	4363	1920	4363	274.00	274.00	140.43	140.43	107.86	107.86	3.47	SI
1 Piso	P37	Bottom	B243-Wx+ G	-28.93	0.46	0.96	1920	4364	1920	4364	274.00	274.00	140.46	140.46	107.89	107.89	0.01	SI
1 Piso	P37	Top	B243-Wx+ G	-28.53	0.46	0.96	1920	4365	1920	4365	274.00	274.00	140.50	140.50	107.91	107.91	3.47	SI
1 Piso	P37	Bottom	B243-Wx+ G	-28.93	0.46	0.96	1920	4366	1920	4366	274.00	274.00	140.53	140.53	107.93	107.93	0.01	SI
1 Piso	P37	Top	B244-Wx- G	-28.84	0.46	0.96	1920	4367	1920	4367	274.00	274.00	140.56	140.56	107.96	107.96	4.57	SI
1 Piso	P37	Bottom	B244-Wx- G	-32.64	0.46	0.86	1920	4368	1920	4368	274.00	274.00	140.59	140.59	107.99	107.99	0.01	SI
1 Piso	P37	Top	B244-Wx+ G	-28.89	0.46	0.96	1920	4369	1920	4369	274.00	274.00	140.63	140.63	108.01	108.01	4.57	SI
1 Piso	P37	Bottom	B244-Wx+ G	-32.64	0.46	0.86	1920	4370	1920	4370	274.00	274.00	140.66	140.66	108.03	108.03	0.01	SI
1 Piso	P37	Top	B244-Wx- G	-28.89	0.46	0.96	1920	4371	1920	4371	274.00	274.00	140.69	140.69	108.06	108.06	4.57	SI
1 Piso	P37	Bottom	B244-Wx- G	-32.64	0.46	0.86	1920	4372	1920	4372	274.00	274.00	140.72	140.72	108.08	108.08	0.01	SI
1 Piso	P37	Top	B244-Wx+ G	-28.89	0.46	0.96	1920	4373	1920	4373	274.00	274.00	140.75	140.75	108.11	108.11	4.57	SI
1 Piso	P37	Bottom	B244-Wx+ G	-32.64	0.46	0.96	1920	4374	1920	4374	274.00	274.00	140.78	140.78	108.13	108.13	0.01	SI
1 Piso	P38	Top	B241	-8.52	0.47	0.87	1920	4375	1920	4375	294.00	294.00	151.10	151.10	116.67	116.67	-2.17	SI
1 Piso	P38	Bottom	B241	-14.44	0.47	0.97	1920	4376	1920	4376	294.00	294.00	151.13	151.13	116.70	116.70	0.01	SI
1 Piso	P38	Top	B242 Lcub	-6.30	0.47	0.87	1920	4377	1920	4377	294.00	294.00	151.17	151.17	116.73	116.73	-2.84	SI
1 Piso	P38	Bottom	B242 Lcub	-10.90	0.47	0.97	1920	4378	1920	4378	294.00	294.00	151.20	151.20	116.75	116.75	0.01	SI
1 Piso	P38	Top	B243-Wx+ Lcub	-8.85	0.47	0.97	1920	4379	1920	4379	294.00	294.00	151.24	151.24	116.78	116.78	-1.64	SI
1 Piso	P38	Bottom	B243-Wx+ Lcub	-13.00	0.47	0.87	1920	4380	1920	4380	294.00	294.00	151.27	151.27	116.81	116.81	0.01	SI
1 Piso	P38	Top	B243-Wx- Lcub	-8.63	0.47	0.97	1920	4381	1920	4381	294.00	294.00	151.30	151.30	116.83	116.83	-1.64	SI
1 Piso	P38	Bottom	B243-Wx- Lcub	-13.00	0.47	0.87	1920	4382	1920	4382	294.00	294.00	151.34	151.34	116.86	116.86	0.01	SI
1 Piso	P38	Top	B243-Wx+ Lcub	-8.63	0.47	0.97	1920	4383	1920	4383	294.00	294.00	151.37	151.37	116.89	116.89	-1.64	SI
1 Piso	P38	Bottom	B243-Wx+ Lcub	-13.00	0.47	0.87	1920	4384	1920	4384	294.00	294.00	151.41	151.41	116.91	116.91	0.01	SI
1 Piso	P38	Top	B243-Wx- Lcub	-8.63	0.47	0.97	1920	4385	1920	4385	294.00	294.00	151.44	151.44	116.94	116.94	-1.64	SI
1 Piso	P38	Bottom	B243-Wx- Lcub	-13.00	0.47	0.87	1920	4386	1920	4386	294.00	294.00	151.48	151.48	116.97	116.97	0.01	SI
1 Piso	P38	Top	B244-Wx+ Lcub	-8.16	0.47	0.87	1920	4387	1920	4387	294.00	294.00	151.51	151.51	116.99	116.99	-2.40	SI
1 Piso	P38	Bottom	B244-Wx+ Lcub	-13.65	0.47	0.97	1920	4388	1920	4388	294.00	294.00	151.55	151.55	117.02	117.02	0.01	SI
1 Piso	P38	Top	B244-Wx- Lcub	-8.16	0.47	0.87	1920	4389	1920	4389	294.00	294.00	151.58	151.58	117.05	117.05	-2.40	SI
1 Piso	P38	Bottom	B244-Wx- Lcub	-13.65	0.47	0.97	1920	4390	1920	4390	294.00	294.00	151.62	151.62	117.07	117.07	0.01	SI
1 Piso	P38	Top	B244-Wx+ Lcub	-8.16	0.47	0.87	1920	4391	1920	4391	294.00	294.00	151.65	151.65	117.10	117.10	-2.40	SI
1 Piso	P38	Bottom	B244-Wx+ Lcub	-13.65	0.47	0.97	1920	4392	1920	4392	294.00	294.00	151.68	151.68	117.13	117.13	0.01	SI
1 Piso	P38	Top	B244-Wx- Lcub	-8.16	0.47	0.87	1920	4393	1920	4393	294.00	294.00	151.72	151.72	117.15	117.15	-2.40	SI
1 Piso	P38	Bottom	B244-Wx- Lcub	-13.65	0.47	0.97	1920	4394	1920	4394	294.00	294.00	151.75	151.75	117.18	117.18	0.01	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (m^2)	R_u	As ext (mm²)	fy ext (kg/cm²)	As int (mm²)	fy int (kg/cm²)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
1 Piso	P38	Top	B245-Ex+	-7.88	0.47	0.97	1920	4395	1920	4395	294.00	294.00	151.79	151.79	117.21	117.21	-2.46	SI
1 Piso	P38	Bottom	B245-Ex-	-10.13	0.47	0.97	1920	4396	1920	4396	294.00	294.00	151.82	151.82	117.23	117.23	0.01	SI
1 Piso	P38	Top	B245-Ex-	-9.75	0.47	0.97	1920	4397	1920	4397	294.00	294.00	151.85	151.85	117.25	117.25	-2.50	SI
1 Piso	P38	Bottom	B245-Ex+	-10.22	0.47	0.97	1920	4398	1920	4398	294.00	294.00	151.89	151.89	117.29	117.29	0.01	SI
1 Piso	P38	Top	B245-Ey+	-10.42	0.47	0.97	1920	4399	1920	4399	294.00	294.00	151.93	151.93	117.31	117.31	-2.52	SI
1 Piso	P38	Bottom	B245-Ey+	-17.06	0.47	0.91	1920	4400	1920	4400	294.00	294.00	151.95	151.95	117.34	117.34	0.02	SI
1 Piso	P38	Top	B245-Ey-	-7.18	0.47	0.97	1920	4401	1920	4401	294.00	294.00	152.00	152.00	117.37	117.37	-2.43	SI
1 Piso	P38	Bottom	B245-Ey-	-9.30	0.47	0.97	1920	4402	1920	4402	294.00	294.00	152.03	152.03	117.39	117.38	0.00	SI
1 Piso	P38	Top	B245-Wx+	-6.37	0.47	0.96	1920	4403	1920	4403	294.00	294.00	152.06	152.06	117.42	117.42	-1.38	SI
1 Piso	P38	Bottom	B245-Wx+	-9.81	0.47	0.97	1920	4404	1920	4404	294.00	294.00	152.10	152.10	117.45	117.45	0.01	SI
1 Piso	P38	Top	B245-Wx-	-6.37	0.47	0.96	1920	4405	1920	4405	294.00	294.00	152.13	152.13	117.47	117.47	-1.38	SI
1 Piso	P38	Bottom	B245-Wx-	-9.61	0.47	0.97	1920	4406	1920	4406	294.00	294.00	152.17	152.17	117.50	117.50	0.01	SI
1 Piso	P38	Top	B245-Wy+	-6.37	0.47	0.96	1920	4407	1920	4407	294.00	294.00	152.20	152.20	117.53	117.53	-1.38	SI
1 Piso	P38	Bottom	B245-Wy+	-9.61	0.47	0.97	1920	4408	1920	4408	294.00	294.00	152.24	152.24	117.55	117.55	0.01	SI
1 Piso	P38	Top	B245-Wy-	-6.37	0.47	0.97	1920	4409	1920	4409	294.00	294.00	152.27	152.27	117.58	117.58	-1.38	SI
1 Piso	P38	Bottom	B245-Wy-	-9.81	0.47	0.96	1920	4410	1920	4410	294.00	294.00	152.31	152.31	117.61	117.61	0.01	SI
1 Piso	P38	Top	B247-Ex+	-5.17	0.47	0.96	1920	4411	1920	4411	294.00	294.00	152.34	152.34	117.63	117.63	-1.32	SI
1 Piso	P38	Bottom	B247-Ex+	-8.28	0.47	0.91	1920	4412	1920	4412	294.00	294.00	152.38	152.38	117.66	117.66	0.00	SI
1 Piso	P38	Top	B247-Ey-	-7.05	0.47	0.97	1920	4413	1920	4413	294.00	294.00	152.41	152.41	117.69	117.69	-1.47	SI
1 Piso	P38	Bottom	B247-Ey-	-12.33	0.47	0.97	1920	4414	1920	4414	294.00	294.00	152.44	152.44	117.71	117.71	0.01	SI
1 Piso	P38	Top	B247-Ey+	-7.73	0.47	0.97	1920	4415	1920	4415	294.00	294.00	152.48	152.48	117.74	117.74	-1.44	SI
1 Piso	P38	Bottom	B247-Ey+	-13.16	0.47	0.97	1920	4416	1920	4416	294.00	294.00	152.51	152.51	117.77	117.77	0.01	SI
1 Piso	P38	Top	B247-Ey-	-7.51	0.47	0.97	1920	4417	1920	4417	294.00	294.00	152.55	152.55	117.79	117.79	-1.45	SI
1 Piso	P38	Bottom	B247-Ey-	-5.41	0.47	0.87	1920	4418	1920	4418	294.00	294.00	152.58	152.58	117.82	117.82	0.00	SI
1 Piso	P38	Top	B242 G	-9.50	0.47	0.97	1920	4419	1920	4419	294.00	294.00	152.62	152.62	117.85	117.85	-2.61	SI
1 Piso	P38	Bottom	B242 G	-14.08	0.47	0.91	1920	4420	1920	4420	294.00	294.00	152.65	152.65	117.87	117.87	0.01	SI
1 Piso	P38	Top	B243-Wx- G	-9.27	0.47	0.97	1920	4421	1920	4421	294.00	294.00	152.69	152.69	117.90	117.90	-1.61	SI
1 Piso	P38	Bottom	B243-Wx- G	-13.64	0.47	0.89	1920	4422	1920	4422	294.00	294.00	152.72	152.72	117.93	117.93	0.01	SI
1 Piso	P38	Top	B243-Wy+ G	-9.27	0.47	0.97	1920	4423	1920	4423	294.00	294.00	152.76	152.76	117.95	117.95	-1.61	SI
1 Piso	P38	Bottom	B243-Wy+ G	-13.64	0.47	0.89	1920	4424	1920	4424	294.00	294.00	152.79	152.79	117.98	117.98	0.01	SI
1 Piso	P38	Top	B243-Wx+ G	-8.27	0.47	0.87	1920	4425	1920	4425	294.00	294.00	152.84	152.82	118.01	118.01	-1.57	SI
1 Piso	P38	Bottom	B243-Wx+ G	-13.84	0.47	0.97	1920	4426	1920	4426	294.00	294.00	152.86	152.86	118.03	118.03	0.01	SI
1 Piso	P38	Top	B243-Wy- G	-8.27	0.47	0.87	1920	4427	1920	4427	294.00	294.00	152.89	152.89	118.06	118.06	-1.57	SI
1 Piso	P38	Bottom	B243-Wy- G	-13.84	0.47	0.97	1920	4428	1920	4428	294.00	294.00	152.93	152.93	118.09	118.09	0.01	SI
1 Piso	P38	Top	B244-Wx- G	-9.36	0.47	0.97	1920	4429	1920	4429	294.00	294.00	152.96	152.96	118.11	118.11	-2.45	SI
1 Piso	P38	Bottom	B244-Wx- G	-13.91	0.47	0.97	1920	4430	1920	4430	294.00	294.00	153.00	153.00	118.14	118.14	0.01	SI
1 Piso	P38	Top	B244-Wx+ G	-9.36	0.47	0.97	1920	4431	1920	4431	294.00	294.00	153.03	153.03	118.17	118.17	-2.45	SI
1 Piso	P38	Bottom	B244-Wx+ G	-13.91	0.47	0.97	1920	4432	1920	4432	294.00	294.00	153.07	153.07	118.19	118.19	0.01	SI
1 Piso	P38	Top	B244-Wy- G	-9.36	0.47	0.97	1920	4433	1920	4433	294.00	294.00	153.10	153.10	118.22	118.22	-2.45	SI
1 Piso	P38	Bottom	B244-Wy- G	-13.91	0.47	0.97	1920	4434	1920	4434	294.00	294.00	153.14	153.14	118.25	118.25	0.01	SI
1 Piso	P38	Top	B244-Wy+ G	-9.36	0.47	0.97	1920	4435	1920	4435	294.00	294.00	153.17	153.17	118.27	118.27	-2.45	SI
1 Piso	P38	Bottom	B244-Wy+ G	-13.91	0.47	0.97	1920	4436	1920	4436	294.00	294.00	153.20	153.20	118.30	118.30	0.01	SI
1 Piso	P38	Top	B241	-19.21	0.63	0.97	1920	4437	1920	4437	294.00	294.00	153.24	153.24	118.33	118.33	-4.26	SI
1 Piso	P38	Bottom	B241	-22.90	0.63	0.97	1920	4438	1920	4438	294.00	294.00	153.27	153.27	118.35	118.35	0.00	SI
1 Piso	P38	Top	B242 Lcub	-20.31	0.63	0.97	1920	4439	1920	4439	294.00	294.00	153.31	153.31	118.38	118.38	-5.48	SI
1 Piso	P38	Bottom	B242 Lcub	-23.38	0.63	0.97	1920	4440	1920	4440	294.00	294.00	153.34	153.34	118.41	118.41	0.00	SI
1 Piso	P38	Top	B243-Wx+ Lcub	-17.62	0.63	0.97	1920	4441	1920	4441	294.00	294.00	153.38	153.38	118.43	118.43	-3.56	SI
1 Piso	P38	Bottom	B243-Wx+ Lcub	-20.87	0.63	0.81	1920	4442	1920	4442	294.00	294.00	153.41	153.41	118.46	118.46	0.00	SI
1 Piso	P38	Top	B243-Wx- Lcub	-17.62	0.63	0.97	1920	4443	1920	4443	294.00	294.00	153.45	153.45	118.49	118.49	-3.56	SI
1 Piso	P38	Bottom	B243-Wx- Lcub	-20.87	0.63	0.81	1920	4444	1920	4444	294.00	294.00	153.48	153.48	118.51	118.51	0.00	SI
1 Piso	P38	Top	B243-Wy+ Lcub	-17.62	0.63	0.97	1920	4445	1920	4445	294.00	294.00	153.52	153.52	118.54	118.54	-3.56	SI
1 Piso	P38	Bottom	B243-Wy+ Lcub	-20.87	0.63	0.97	1920	4446	1920	4446	294.00	294.00	153.55	153.55	118.57	118.57	0.00	SI
1 Piso	P38	Top	B243-Wy- Lcub	-17.62	0.63	0.81	1920	4447	1920	4447	294.00	294.00	153.59	153.58	118.59	118.59	-3.56	SI
1 Piso	P38	Bottom	B243-Wy- Lcub	-20.87	0.63	0.97	1920	4448	1920	4448	294.00	294.00	153.62	153.62	118.62	118.62	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	Mu (ton-m)	Cumple
1 Piso	P39	Top	B244-Wx+ Lcub	-18.58	0.63	0.97	1820	4448	1920	4449	294.00	294.00	153.65	153.65	118.65	118.65	-4.75	Si
1 Piso	P39	Bottom	B244-Wx+ Lcub	-22.61	0.63	0.97	1920	4450	1920	4450	294.00	294.00	153.69	153.69	118.67	118.67	0.00	Si
1 Piso	P39	Top	B244-Wx+ Lcub	-18.58	0.63	0.97	1820	4451	1920	4451	294.00	294.00	153.72	153.72	118.72	118.70	-4.76	Si
1 Piso	P39	Bottom	B244-Wx+ Lcub	-22.61	0.63	0.97	1920	4452	1920	4452	294.00	294.00	153.76	153.76	118.73	118.73	0.00	Si
1 Piso	P39	Top	B244-Wx+ Lcub	-18.58	0.63	0.97	1820	4453	1920	4453	294.00	294.00	153.79	153.79	118.75	118.75	-4.75	Si
1 Piso	P39	Bottom	B244-Wx+ Lcub	-22.61	0.63	0.97	1920	4454	1920	4454	294.00	294.00	153.83	153.83	118.78	118.78	0.00	Si
1 Piso	P39	Top	B244-Wx+ Lcub	-18.58	0.63	0.97	1820	4455	1920	4455	294.00	294.00	153.86	153.86	118.81	118.81	-4.75	Si
1 Piso	P39	Bottom	B244-Wx+ Lcub	-22.61	0.63	0.97	1920	4456	1920	4456	294.00	294.00	153.87	153.89	118.83	118.83	0.00	Si
1 Piso	P39	Top	B245-Ex+	-19.53	0.63	0.97	1920	4457	1920	4457	294.00	294.00	153.93	153.89	118.86	118.86	-4.77	Si
1 Piso	P39	Bottom	B245-Ex+	-21.67	0.63	0.97	1920	4458	1920	4458	294.00	294.00	153.96	153.96	118.89	118.89	0.00	Si
1 Piso	P39	Top	B245-Ex+	-18.86	0.63	0.97	1920	4459	1920	4459	294.00	294.00	154.01	154.00	118.91	118.91	-4.85	Si
1 Piso	P39	Bottom	B245-Ex+	-21.98	0.63	0.97	1920	4460	1920	4460	294.00	294.00	154.03	154.04	118.94	118.94	0.00	Si
1 Piso	P39	Top	B245-Ex+	-18.20	0.63	0.97	1920	4461	1920	4461	294.00	294.00	154.07	154.07	118.97	118.97	-4.85	Si
1 Piso	P39	Bottom	B245-Ex+	-22.34	0.63	0.97	1920	4462	1920	4462	294.00	294.00	154.10	154.10	118.99	118.99	0.00	Si
1 Piso	P39	Top	B245-Ex-	-18.19	0.63	0.97	1920	4463	1920	4463	294.00	294.00	154.14	154.14	119.02	119.02	-4.98	Si
1 Piso	P39	Bottom	B245-Ex-	-21.98	0.63	0.97	1920	4464	1920	4464	294.00	294.00	154.17	154.17	119.05	119.05	0.00	Si
1 Piso	P39	Top	B246-Wx+	-12.86	0.63	0.97	1920	4465	1920	4465	294.00	294.00	154.21	154.21	119.07	119.07	-2.70	Si
1 Piso	P39	Bottom	B246-Wx+	-15.27	0.63	0.97	1920	4466	1920	4466	294.00	294.00	154.24	154.24	119.10	119.10	0.00	Si
1 Piso	P39	Top	B246-Wx-	-12.86	0.63	0.97	1920	4467	1920	4467	294.00	294.00	154.27	154.27	119.13	119.13	-2.70	Si
1 Piso	P39	Bottom	B246-Wx-	-15.27	0.63	0.97	1920	4468	1920	4468	294.00	294.00	154.31	154.31	119.15	119.15	0.00	Si
1 Piso	P39	Top	B248-Wx+	-12.98	0.63	0.97	1920	4469	1920	4469	294.00	294.00	154.34	154.34	119.18	119.18	-2.70	Si
1 Piso	P39	Bottom	B248-Wx+	-15.27	0.63	0.97	1920	4470	1920	4470	294.00	294.00	154.38	154.38	119.21	119.21	0.00	Si
1 Piso	P39	Top	B248-Wx-	-12.96	0.63	0.97	1920	4471	1920	4471	294.00	294.00	154.41	154.41	119.23	119.23	-2.70	Si
1 Piso	P39	Bottom	B248-Wx-	-15.27	0.63	0.97	1920	4472	1920	4472	294.00	294.00	154.45	154.45	119.26	119.26	0.00	Si
1 Piso	P39	Top	B247-Ex+	-12.18	0.63	0.97	1920	4473	1920	4473	294.00	294.00	154.48	154.48	119.29	119.29	-2.70	Si
1 Piso	P39	Bottom	B247-Ex+	-14.57	0.63	0.97	1920	4474	1920	4474	294.00	294.00	154.52	154.52	119.31	119.31	0.00	Si
1 Piso	P39	Top	B247-Ex-	-12.51	0.63	0.97	1920	4475	1920	4475	294.00	294.00	154.55	154.55	119.34	119.34	-2.70	Si
1 Piso	P39	Bottom	B247-Ex-	-14.87	0.63	0.97	1920	4476	1920	4476	294.00	294.00	154.59	154.59	119.37	119.37	0.00	Si
1 Piso	P39	Top	B247-Ex+	-12.65	0.63	0.97	1920	4477	1920	4477	294.00	294.00	154.62	154.62	119.39	119.39	-2.68	Si
1 Piso	P39	Bottom	B247-Ex+	-15.18	0.63	0.97	1920	4478	1920	4478	294.00	294.00	154.65	154.65	119.42	119.42	0.00	Si
1 Piso	P39	Top	B247-Ex-	-11.84	0.63	0.97	1920	4479	1920	4479	294.00	294.00	154.69	154.68	119.45	119.45	-2.68	Si
1 Piso	P39	Bottom	B247-Ex-	-14.26	0.63	0.97	1920	4480	1920	4480	294.00	294.00	154.72	154.72	119.47	119.47	0.00	Si
1 Piso	P39	Top	B242 G	-20.80	0.63	0.97	1920	4481	1920	4481	294.00	294.00	154.76	154.76	119.50	119.50	-5.45	Si
1 Piso	P39	Bottom	B242 G	-23.63	0.63	0.97	1920	4482	1920	4482	294.00	294.00	154.79	154.79	119.53	119.53	0.00	Si
1 Piso	P39	Top	B243-Wx- G	-19.21	0.63	0.97	1920	4483	1920	4483	294.00	294.00	154.83	154.83	119.55	119.55	-3.48	Si
1 Piso	P39	Bottom	B243-Wx- G	-22.09	0.63	0.97	1920	4484	1920	4484	294.00	294.00	154.86	154.86	119.58	119.58	0.00	Si
1 Piso	P39	Top	B243-Wx+ G	-19.21	0.63	0.97	1920	4485	1920	4485	294.00	294.00	154.90	154.90	119.61	119.61	-3.48	Si
1 Piso	P39	Bottom	B243-Wx+ G	-22.09	0.63	0.97	1920	4486	1920	4486	294.00	294.00	154.93	154.93	119.63	119.63	0.00	Si
1 Piso	P39	Top	B243-Wx+ G	-19.21	0.63	0.97	1920	4487	1920	4487	294.00	294.00	154.97	154.97	119.66	119.66	-3.48	Si
1 Piso	P39	Bottom	B243-Wx+ G	-22.09	0.63	0.97	1920	4488	1920	4488	294.00	294.00	155.00	155.00	119.69	119.68	0.00	Si
1 Piso	P39	Top	B243-Wx+ G	-19.21	0.63	0.97	1920	4489	1920	4489	294.00	294.00	155.03	155.03	119.71	119.71	-3.48	Si
1 Piso	P39	Bottom	B243-Wx+ G	-22.09	0.63	0.97	1920	4490	1920	4490	294.00	294.00	155.07	155.07	119.74	119.74	0.00	Si
1 Piso	P39	Top	B244-Wx- G	-20.07	0.63	0.97	1920	4491	1920	4491	294.00	294.00	155.10	155.10	119.77	119.77	-4.72	Si
1 Piso	P39	Bottom	B244-Wx- G	-23.05	0.63	0.97	1920	4492	1920	4492	294.00	294.00	155.14	155.14	119.79	119.79	0.00	Si
1 Piso	P39	Top	B244-Wx+ G	-20.07	0.63	0.97	1920	4493	1920	4493	294.00	294.00	155.17	155.17	119.82	119.82	-4.72	Si
1 Piso	P39	Bottom	B244-Wx+ G	-23.05	0.63	0.97	1920	4494	1920	4494	294.00	294.00	155.21	155.21	119.85	119.85	0.00	Si
1 Piso	P39	Top	B244-Wx+ G	-20.07	0.63	0.97	1920	4495	1920	4495	294.00	294.00	155.24	155.24	119.87	119.87	-4.72	Si
1 Piso	P39	Bottom	B244-Wx+ G	-23.05	0.63	0.97	1920	4496	1920	4496	294.00	294.00	155.28	155.28	119.90	119.90	0.00	Si
1 Piso	P39	Top	B244-Wx+ G	-20.07	0.63	0.97	1920	4497	1920	4497	294.00	294.00	155.31	155.31	119.93	119.93	-4.72	Si
1 Piso	P39	Bottom	B244-Wx+ G	-23.05	0.63	0.97	1920	4498	1920	4498	294.00	294.00	155.35	155.35	119.95	119.95	0.00	Si
1 Piso	P40	Top	B241	-19.01	0.62	0.97	1920	4500	1920	4500	294.00	294.00	155.41	155.41	120.01	120.01	-3.70	Si
1 Piso	P40	Bottom	B241	-23.26	0.62	0.97	1920	4500	1920	4500	294.00	294.00	155.41	155.41	120.01	120.01	0.00	Si
1 Piso	P40	Top	B242 Lcub	-18.58	0.62	0.97	1920	4501	1920	4501	294.00	294.00	155.45	155.45	120.03	120.03	-3.70	Si
1 Piso	P40	Bottom	B242 Lcub	-23.37	0.62	0.97	1920	4502	1920	4502	294.00	294.00	155.49	155.49	120.06	120.06	0.00	Si

STORY	MURO	LOC.	COMB.	Pu [ton]	Area ac. [m²]	R_u	As ext [mm²]	fy ext [Mpa]	As int [mm²]	fy int [Mpa]	d ext [mm]	d int [mm]	Mu ext [ton-m]	Mn ext [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	MR [ton-m]	Cumple
1 Piso	P40	Top	B243-Wx+ (cub	-17.54	0.62	0.07	1920	4505	1920	4559	294.00	294.00	155.07	155.07	139.56	139.56	-2.42	SI
1 Piso	P40	Bottom	B243-Wx+ (cub	-21.11	0.62	0.07	1920	4504	1920	4534	294.00	294.00	155.55	155.55	139.99	139.99	0.00	SI
1 Piso	P40	Top	B243-Wx- (cub	-17.54	0.62	0.07	1920	4505	1920	4535	294.00	294.00	155.51	155.59	139.94	139.94	-2.42	SI
1 Piso	P40	Bottom	B243-Wx- (cub	-21.11	0.62	0.07	1920	4506	1920	4536	294.00	294.00	155.62	155.62	139.97	139.97	0.00	SI
1 Piso	P40	Top	B243-Wy+ (cub	-17.54	0.62	0.07	1920	4507	1920	4907	294.00	294.00	155.66	155.66	139.99	139.99	-2.42	SI
1 Piso	P40	Bottom	B243-Wy+ (cub	-21.11	0.62	0.07	1920	4508	1920	4538	294.00	294.00	155.69	155.69	140.02	140.02	0.00	SI
1 Piso	P40	Top	B243-Wy- (cub	-17.54	0.62	0.07	1920	4509	1920	4539	294.00	294.00	155.73	155.73	140.05	140.05	-2.42	SI
1 Piso	P40	Bottom	B243-Wy- (cub	-21.11	0.62	0.07	1920	4510	1920	4540	294.00	294.00	155.76	155.76	140.07	140.07	0.00	SI
1 Piso	P40	Top	B244-Wx+ (cub	-19.18	0.62	0.07	1920	4511	1920	4541	294.00	294.00	155.79	155.79	140.10	140.10	-3.20	SI
1 Piso	P40	Bottom	B244-Wx+ (cub	-22.80	0.62	0.07	1920	4512	1920	4542	294.00	294.00	155.83	155.83	140.13	140.13	0.00	SI
1 Piso	P40	Top	B244-Wx- (cub	-19.18	0.62	0.07	1920	4513	1920	4543	294.00	294.00	155.86	155.86	140.15	140.15	-3.20	SI
1 Piso	P40	Bottom	B244-Wx- (cub	-22.80	0.62	0.07	1920	4514	1920	4544	294.00	294.00	155.90	155.90	140.18	140.18	0.00	SI
1 Piso	P40	Top	B244-Wy+ (cub	-19.18	0.62	0.07	1920	4515	1920	4545	294.00	294.00	155.93	155.93	140.21	140.21	-3.20	SI
1 Piso	P40	Bottom	B244-Wy+ (cub	-22.80	0.62	0.07	1920	4516	1920	4546	294.00	294.00	155.97	155.97	140.23	140.23	0.00	SI
1 Piso	P40	Top	B244-Wy- (cub	-19.18	0.62	0.07	1920	4517	1920	4547	294.00	294.00	156.00	156.00	140.26	140.26	-3.20	SI
1 Piso	P40	Bottom	B244-Wy- (cub	-22.80	0.62	0.07	1920	4518	1920	4548	294.00	294.00	156.04	156.04	140.29	140.29	0.00	SI
1 Piso	P40	Top	B245-Ex+	-16.28	0.62	0.07	1920	4519	1920	4549	294.00	294.00	156.07	156.07	140.31	140.31	-3.26	SI
1 Piso	P40	Bottom	B245-Ex+	-21.58	0.62	0.07	1920	4520	1920	4550	294.00	294.00	156.11	156.11	140.34	140.34	0.00	SI
1 Piso	P40	Top	B245-Ex-	-19.21	0.62	0.07	1920	4521	1920	4551	294.00	294.00	156.14	156.14	140.37	140.37	-3.25	SI
1 Piso	P40	Bottom	B245-Ex-	-21.84	0.62	0.07	1920	4522	1920	4552	294.00	294.00	156.17	156.17	140.39	140.39	0.00	SI
1 Piso	P40	Top	B245-Ey+	-18.51	0.62	0.07	1920	4523	1920	4553	294.00	294.00	156.21	158.21	140.42	140.42	-3.26	SI
1 Piso	P40	Bottom	B245-Ey+	-22.06	0.62	0.07	1920	4524	1920	4554	294.00	294.00	156.24	156.24	140.45	140.45	0.00	SI
1 Piso	P40	Top	B245-Ey-	-17.95	0.62	0.07	1920	4525	1920	4555	294.00	294.00	156.28	156.28	140.47	140.47	-3.25	SI
1 Piso	P40	Bottom	B245-Ey-	-21.79	0.62	0.07	1920	4526	1920	4556	294.00	294.00	156.31	156.31	140.50	140.50	0.00	SI
1 Piso	P40	Top	B246-Wx+	-12.88	0.62	0.07	1920	4527	1920	4557	294.00	294.00	156.35	156.35	140.53	140.53	-1.93	SI
1 Piso	P40	Bottom	B246-Wx+	-15.57	0.62	0.07	1920	4528	1920	4558	294.00	294.00	156.38	156.38	140.55	140.55	0.00	SI
1 Piso	P40	Top	B246-Wx-	-12.88	0.62	0.07	1920	4529	1920	4559	294.00	294.00	156.42	156.42	140.58	140.58	-1.93	SI
1 Piso	P40	Bottom	B246-Wx-	-15.57	0.62	0.07	1920	4530	1920	4540	294.00	294.00	156.45	156.45	140.61	140.61	0.00	SI
1 Piso	P40	Top	B246-Wy+	-12.88	0.62	0.07	1920	4531	1920	4531	294.00	294.00	156.49	156.49	140.63	140.63	-1.93	SI
1 Piso	P40	Bottom	B246-Wy+	-15.57	0.62	0.07	1920	4532	1920	4532	294.00	294.00	156.52	156.52	140.66	140.66	0.00	SI
1 Piso	P40	Top	B246-Wy-	-12.88	0.62	0.07	1920	4533	1920	4533	294.00	294.00	156.56	156.56	140.69	140.69	-1.93	SI
1 Piso	P40	Bottom	B246-Wy-	-15.57	0.62	0.07	1920	4534	1920	4534	294.00	294.00	156.59	156.59	140.71	140.71	0.00	SI
1 Piso	P40	Top	B247-Ex+	-12.24	0.62	0.07	1920	4535	1920	4535	294.00	294.00	156.63	156.63	140.74	140.74	-1.87	SI
1 Piso	P40	Bottom	B247-Ex+	-15.02	0.62	0.07	1920	4536	1920	4536	294.00	294.00	156.66	156.66	140.77	140.77	0.00	SI
1 Piso	P40	Top	B247-Ex-	-12.20	0.62	0.07	1920	4537	1920	4537	294.00	294.00	156.69	156.69	140.79	140.79	-1.86	SI
1 Piso	P40	Bottom	B247-Ex-	-14.89	0.62	0.07	1920	4538	1920	4538	294.00	294.00	156.73	156.73	140.82	140.82	0.00	SI
1 Piso	P40	Top	B247-Ey+	-12.50	0.62	0.07	1920	4539	1920	4539	294.00	294.00	156.76	156.76	140.85	140.85	-1.87	SI
1 Piso	P40	Bottom	B247-Ey+	-15.10	0.62	0.07	1920	4540	1920	4540	294.00	294.00	156.80	156.80	140.87	140.87	0.00	SI
1 Piso	P40	Top	B247-Ey-	-12.44	0.62	0.07	1920	4541	1920	4541	294.00	294.00	156.83	156.83	140.90	140.90	-1.86	SI
1 Piso	P40	Bottom	B247-Ey-	-14.89	0.62	0.07	1920	4542	1920	4542	294.00	294.00	156.87	156.87	140.93	140.93	0.00	SI
1 Piso	P40	Top	B242 G	-20.72	0.62	0.07	1920	4543	1920	4543	294.00	294.00	156.90	156.90	140.95	140.95	-2.87	SI
1 Piso	P40	Bottom	B242 G	-23.87	0.62	0.07	1920	4544	1920	4544	294.00	294.00	156.93	156.93	140.98	140.98	0.00	SI
1 Piso	P40	Top	B243-Wx- G	-19.25	0.62	0.07	1920	4545	1920	4545	294.00	294.00	156.97	156.97	141.01	141.01	-2.88	SI
1 Piso	P40	Bottom	B243-Wx- G	-22.72	0.62	0.07	1920	4546	1920	4546	294.00	294.00	157.00	157.00	141.03	141.03	0.00	SI
1 Piso	P40	Top	B243-Wy- G	-19.25	0.62	0.07	1920	4547	1920	4547	294.00	294.00	157.04	157.04	141.06	141.06	-2.88	SI
1 Piso	P40	Bottom	B243-Wy- G	-22.72	0.62	0.07	1920	4548	1920	4548	294.00	294.00	157.07	157.07	141.09	141.09	0.00	SI
1 Piso	P40	Top	B243-Wx+ G	-19.25	0.62	0.07	1920	4549	1920	4549	294.00	294.00	157.11	157.11	141.11	141.11	-2.88	SI
1 Piso	P40	Bottom	B243-Wx+ G	-22.72	0.62	0.07	1920	4550	1920	4550	294.00	294.00	157.14	157.14	141.14	141.14	0.00	SI
1 Piso	P40	Top	B243-Wy+ G	-19.25	0.62	0.07	1920	4551	1920	4551	294.00	294.00	157.18	157.18	141.17	141.17	-2.88	SI
1 Piso	P40	Bottom	B243-Wy+ G	-22.72	0.62	0.07	1920	4552	1920	4552	294.00	294.00	157.21	157.21	141.19	141.19	0.00	SI
1 Piso	P40	Top	B244-Wx+ G	-19.71	0.62	0.07	1920	4553	1920	4553	294.00	294.00	157.24	157.24	141.22	141.22	-3.18	SI
1 Piso	P40	Bottom	B244-Wx+ G	-23.30	0.62	0.07	1920	4554	1920	4554	294.00	294.00	157.28	157.28	141.25	141.25	0.00	SI
1 Piso	P40	Top	B244-Wx- G	-19.71	0.62	0.07	1920	4555	1920	4555	294.00	294.00	157.31	157.31	141.27	141.27	-3.18	SI
1 Piso	P40	Bottom	B244-Wx- G	-23.30	0.62	0.07	1920	4556	1920	4556	294.00	294.00	157.35	157.35	141.30	141.30	0.00	SI

STORY	MURO	LOC.	COMB	Pu [tonf]	Area Bar. [in²]	R_u	As ext [mm²]	fy ext [Mpa]	As int [mm²]	fy int [Mpa]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	M22 [ton-m]	Cumple
1 Piso	P40	Top	B244-Wy- G	-19.71	0.62	0.87	1920	4557	1920	4557	294.00	294.00	157.38	157.38	121.53	121.53	-3.18	SI
1 Piso	P40	Bottom	B244-Wy- G	-20.30	0.62	0.87	1920	4558	1920	4558	294.00	294.00	157.42	157.42	121.55	121.55	0.00	SI
1 Piso	P40	Top	B244-Wy+ G	-19.71	0.62	0.87	1920	4558	1920	4558	294.00	294.00	157.42	157.42	121.55	121.55	-3.18	SI
1 Piso	P40	Bottom	B244-Wy+ G	-20.30	0.62	0.87	1920	4560	1920	4560	294.00	294.00	157.49	157.49	121.61	121.61	0.00	SI
1 Piso	P41	Top	B241	-20.89	0.63	0.87	1920	4561	1920	4561	294.00	294.00	157.52	157.52	121.63	121.63	-4.15	SI
1 Piso	P41	Bottom	B241	-24.38	0.63	0.97	1920	4562	1920	4562	294.00	294.00	157.56	157.56	121.65	121.65	0.00	SI
1 Piso	P41	Top	B242 Lcub	-21.20	0.63	0.87	1920	4563	1920	4563	294.00	294.00	157.59	157.59	121.69	121.69	-4.05	SI
1 Piso	P41	Bottom	B242 Lcub	-24.19	0.63	0.87	1920	4564	1920	4564	294.00	294.00	157.63	157.63	121.71	121.71	0.00	SI
1 Piso	P41	Top	B243-Wx+ Lcub	-16.31	0.63	0.97	1920	4565	1920	4565	294.00	294.00	157.61	157.66	121.74	121.74	-3.46	SI
1 Piso	P41	Bottom	B243-Wx+ Lcub	-22.14	0.63	0.87	1920	4566	1920	4566	294.00	294.00	157.69	157.69	121.77	121.77	0.00	SI
1 Piso	P41	Top	B243-Wx+ Lcub	-16.31	0.63	0.97	1920	4567	1920	4567	294.00	294.00	157.73	157.73	121.79	121.79	-3.46	SI
1 Piso	P41	Bottom	B243-Wx+ Lcub	-22.14	0.63	0.87	1920	4568	1920	4568	294.00	294.00	157.76	157.76	121.82	121.82	0.00	SI
1 Piso	P41	Top	B243-Wy+ Lcub	-19.31	0.63	0.87	1920	4569	1920	4569	294.00	294.00	157.80	157.80	121.85	121.85	-3.48	SI
1 Piso	P41	Bottom	B243-Wy+ Lcub	-22.14	0.63	0.97	1920	4570	1920	4570	294.00	294.00	157.83	157.83	121.87	121.87	0.00	SI
1 Piso	P41	Top	B243-Wy+ Lcub	-19.31	0.63	0.87	1920	4571	1920	4571	294.00	294.00	157.87	157.87	121.90	121.90	-3.48	SI
1 Piso	P41	Bottom	B243-Wy+ Lcub	-22.14	0.63	0.97	1920	4572	1920	4572	294.00	294.00	157.90	157.90	121.93	121.93	0.00	SI
1 Piso	P41	Top	B244-Wx+ Lcub	-20.83	0.63	0.87	1920	4573	1920	4573	294.00	294.00	157.94	157.94	121.95	121.95	-4.21	SI
1 Piso	P41	Bottom	B244-Wx+ Lcub	-22.71	0.63	0.97	1920	4574	1920	4574	294.00	294.00	157.97	157.97	121.98	121.98	0.00	SI
1 Piso	P41	Top	B244-Wx+ Lcub	-20.83	0.63	0.87	1920	4575	1920	4575	294.00	294.00	158.00	158.00	122.01	122.01	-4.21	SI
1 Piso	P41	Bottom	B244-Wx+ Lcub	-22.71	0.63	0.97	1920	4576	1920	4576	294.00	294.00	158.04	158.04	122.03	122.03	0.00	SI
1 Piso	P41	Top	B244-Wy+ Lcub	-20.83	0.63	0.87	1920	4577	1920	4577	294.00	294.00	158.07	158.07	122.06	122.06	-4.21	SI
1 Piso	P41	Bottom	B244-Wy+ Lcub	-23.71	0.63	0.97	1920	4578	1920	4578	294.00	294.00	158.11	158.11	122.09	122.09	0.00	SI
1 Piso	P41	Top	B244-Wy+ Lcub	-20.83	0.63	0.97	1920	4579	1920	4579	294.00	294.00	158.14	158.14	122.11	122.11	-4.21	SI
1 Piso	P41	Bottom	B244-Wy+ Lcub	-23.71	0.63	0.97	1920	4580	1920	4580	294.00	294.00	158.18	158.18	122.14	122.14	0.00	SI
1 Piso	P41	Top	B245-Ex+	-19.85	0.63	0.97	1920	4581	1920	4581	294.00	294.00	158.21	158.21	122.17	122.17	-4.24	SI
1 Piso	P41	Bottom	B245-Ex+	-22.87	0.63	0.97	1920	4582	1920	4582	294.00	294.00	158.25	158.25	122.19	122.19	0.00	SI
1 Piso	P41	Top	B245-Ex-	-19.81	0.63	0.87	1920	4583	1920	4583	294.00	294.00	158.28	158.28	122.22	122.22	-4.28	SI
1 Piso	P41	Bottom	B245-Ex-	-22.88	0.63	0.97	1920	4584	1920	4584	294.00	294.00	158.32	158.32	122.25	122.25	0.00	SI
1 Piso	P41	Top	B245-Ey+	-20.10	0.63	0.97	1920	4585	1920	4585	294.00	294.00	158.35	158.35	122.27	122.27	-4.08	SI
1 Piso	P41	Bottom	B245-Ey+	-22.93	0.63	0.97	1920	4586	1920	4586	294.00	294.00	158.38	158.38	122.30	122.30	0.00	SI
1 Piso	P41	Top	B245-Ey+	-19.90	0.63	0.97	1920	4587	1920	4587	294.00	294.00	158.42	158.42	122.33	122.33	-4.46	SI
1 Piso	P41	Bottom	B245-Ey+	-22.62	0.63	0.97	1920	4588	1920	4588	294.00	294.00	158.45	158.45	122.35	122.35	0.00	SI
1 Piso	P41	Top	B246-Wy+	-14.18	0.62	0.87	1920	4589	1920	4589	294.00	294.00	158.42	158.42	122.38	122.38	-2.63	SI
1 Piso	P41	Bottom	B246-Wy+	-16.33	0.63	0.97	1920	4590	1920	4590	294.00	294.00	158.52	158.52	122.41	122.41	0.00	SI
1 Piso	P41	Top	B246-Wy+	-14.18	0.62	0.87	1920	4591	1920	4591	294.00	294.00	158.56	158.56	122.43	122.43	-2.63	SI
1 Piso	P41	Bottom	B246-Wy+	-16.33	0.63	0.97	1920	4592	1920	4592	294.00	294.00	158.59	158.59	122.46	122.46	0.00	SI
1 Piso	P41	Top	B246-Wy+	-14.18	0.62	0.87	1920	4593	1920	4593	294.00	294.00	158.63	158.63	122.49	122.49	-2.63	SI
1 Piso	P41	Bottom	B246-Wy+	-16.33	0.63	0.97	1920	4594	1920	4594	294.00	294.00	158.66	158.66	122.51	122.51	0.00	SI
1 Piso	P41	Top	B246-Wy-	-14.18	0.62	0.87	1920	4595	1920	4595	294.00	294.00	158.70	158.70	122.54	122.54	-2.63	SI
1 Piso	P41	Bottom	B246-Wy-	-16.33	0.63	0.97	1920	4596	1920	4596	294.00	294.00	158.73	158.73	122.57	122.57	0.00	SI
1 Piso	P41	Top	B247-Ey+	-13.52	0.62	0.87	1920	4597	1920	4597	294.00	294.00	158.70	158.76	122.59	122.59	-2.64	SI
1 Piso	P41	Bottom	B247-Ey+	-15.77	0.62	0.97	1920	4598	1920	4598	294.00	294.00	158.80	158.80	122.62	122.62	0.00	SI
1 Piso	P41	Top	B247-Ey-	-13.47	0.62	0.87	1920	4599	1920	4599	294.00	294.00	158.83	158.83	122.65	122.65	-2.69	SI
1 Piso	P41	Bottom	B247-Ey-	-15.58	0.62	0.87	1920	4600	1920	4600	294.00	294.00	158.87	158.87	122.67	122.67	0.00	SI
1 Piso	P41	Top	B247-Ey+	-13.53	0.62	0.97	1920	4601	1920	4601	294.00	294.00	158.90	158.90	122.70	122.70	-2.62	SI
1 Piso	P41	Bottom	B247-Ey+	-15.83	0.63	0.87	1920	4602	1920	4602	294.00	294.00	158.94	158.94	122.73	122.73	0.00	SI
1 Piso	P41	Top	B247-Ey-	-13.16	0.63	0.87	1920	4603	1920	4603	294.00	294.00	158.97	158.97	122.75	122.75	-2.65	SI
1 Piso	P41	Bottom	B247-Ey-	-15.51	0.63	0.87	1920	4604	1920	4604	294.00	294.00	159.01	159.01	122.78	122.78	0.00	SI
1 Piso	P41	Top	B242 Cy	-21.80	0.63	0.87	1920	4605	1920	4605	294.00	294.00	159.04	158.04	122.81	122.81	-4.65	SI
1 Piso	P41	Bottom	B242 Cy	-24.72	0.63	0.97	1920	4606	1920	4606	294.00	294.00	159.08	159.08	122.83	122.83	0.00	SI
1 Piso	P41	Top	B243-Wx- G	-21.12	0.63	0.87	1920	4607	1920	4607	294.00	294.00	159.11	158.11	122.86	122.86	-2.39	SI
1 Piso	P41	Bottom	B243-Wx- G	-23.84	0.63	0.87	1920	4608	1920	4608	294.00	294.00	159.14	158.14	122.89	122.89	0.00	SI
1 Piso	P41	Top	B243-Wy- G	-21.12	0.63	0.87	1920	4609	1920	4609	294.00	294.00	159.18	158.18	122.91	122.91	-2.39	SI
1 Piso	P41	Bottom	B243-Wy- G	-23.84	0.63	0.87	1920	4610	1920	4610	294.00	294.00	159.21	158.21	122.94	122.94	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec. (m²)	R_u	As ext (cm²)	fy ext (kg/cm²)	As int (cm²)	fy int (kg/cm²)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mu ext (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
1 Piso	P41	Top	B243-Wx+ G	-21.12	0.63	0.97	1920	4611	1920	4611	294.00	294.00	159.26	159.26	122.87	122.87	-3.39	SI
1 Piso	P41	Bottom	B243-Wx+ G	-23.64	0.63	0.97	1920	4612	1920	4612	294.00	294.00	159.26	159.26	122.99	122.99	0.00	SI
1 Piso	P41	Top	B243-Wx+ G	-21.12	0.63	0.97	1920	4613	1920	4613	294.00	294.00	159.31	159.32	123.02	119.02	-3.39	SI
1 Piso	P41	Bottom	B243-Wx+ G	-23.64	0.63	0.97	1920	4614	1920	4614	294.00	294.00	156.35	159.45	123.05	119.05	0.00	SI
1 Piso	P41	Top	B244-Wx- G	-21.39	0.63	0.97	1920	4615	1920	4615	294.00	294.00	159.31	159.39	123.07	119.07	-4.16	SI
1 Piso	P41	Bottom	B244-Wx- G	-24.25	0.63	0.97	1920	4616	1920	4616	294.00	294.00	159.41	159.42	123.13	119.13	0.00	SI
1 Piso	P41	Top	B244-Wx+ G	-21.39	0.63	0.97	1920	4617	1920	4617	294.00	294.00	159.41	159.45	123.13	119.13	-4.16	SI
1 Piso	P41	Bottom	B244-Wx+ G	-24.25	0.63	0.97	1920	4618	1920	4618	294.00	294.00	159.41	159.48	123.15	119.15	0.00	SI
1 Piso	P41	Top	B244-Wx- G	-21.39	0.63	0.97	1920	4619	1920	4619	294.00	294.00	159.50	159.52	123.18	119.18	-4.16	SI
1 Piso	P41	Bottom	B244-Wx- G	-24.25	0.63	0.97	1920	4620	1920	4620	294.00	294.00	159.54	159.56	123.21	119.21	0.00	SI
1 Piso	P41	Top	B244-Wx+ G	-21.39	0.63	0.97	1920	4621	1920	4621	294.00	294.00	159.50	159.50	123.23	119.23	-4.15	SI
1 Piso	P41	Bottom	B244-Wx+ G	-24.25	0.63	0.97	1920	4622	1920	4622	294.00	294.00	159.54	159.54	123.25	119.25	0.00	SI
1 Piso	P42	Top	B241	-16.77	0.62	0.91	1920	4623	1920	4623	294.00	294.00	159.66	159.66	123.29	119.29	-1.88	SI
1 Piso	P42	Bottom	B241	-21.01	0.62	0.97	1920	4624	1920	4624	294.00	294.00	159.70	159.70	123.31	123.31	0.00	SI
1 Piso	P42	Top	B242 Lcub	-17.27	0.62	0.91	1920	4625	1920	4625	294.00	294.00	159.73	159.73	123.34	123.34	-2.50	SI
1 Piso	P42	Bottom	B242 Lcub	-21.01	0.62	0.97	1920	4626	1920	4626	294.00	294.00	159.77	159.77	123.37	123.37	0.00	SI
1 Piso	P42	Top	B243-Wx+ Lcub	-15.58	0.62	0.91	1920	4627	1920	4627	294.00	294.00	159.80	159.80	123.39	123.39	-1.66	SI
1 Piso	P42	Bottom	B243-Wx+ Lcub	-19.14	0.62	0.97	1920	4628	1920	4628	294.00	294.00	159.84	159.84	123.42	123.42	0.00	SI
1 Piso	P42	Top	B243-Wx+ Lcub	-15.58	0.62	0.91	1920	4629	1920	4629	294.00	294.00	159.87	159.87	123.45	123.45	-1.66	SI
1 Piso	P42	Bottom	B243-Wx+ Lcub	-19.14	0.62	0.97	1920	4630	1920	4630	294.00	294.00	159.90	159.90	123.47	123.47	0.00	SI
1 Piso	P42	Top	B243-Wx+ Lcub	-15.58	0.62	0.97	1920	4631	1920	4631	294.00	294.00	159.84	159.84	123.50	123.50	-1.66	SI
1 Piso	P42	Bottom	B243-Wx+ Lcub	-19.14	0.62	0.91	1920	4632	1920	4632	294.00	294.00	159.87	159.87	123.53	123.53	0.00	SI
1 Piso	P42	Top	B243-Wx+ Lcub	-15.58	0.62	0.91	1920	4633	1920	4633	294.00	294.00	160.01	160.01	123.55	123.55	-1.66	SI
1 Piso	P42	Bottom	B243-Wx+ Lcub	-19.14	0.62	0.91	1920	4634	1920	4634	294.00	294.00	160.04	160.04	123.58	123.58	0.00	SI
1 Piso	P42	Top	B244-Wx+ Lcub	-15.92	0.62	0.97	1920	4635	1920	4635	294.00	294.00	160.04	160.08	123.61	123.61	-2.13	SI
1 Piso	P42	Bottom	B244-Wx+ Lcub	-20.58	0.62	0.97	1920	4636	1920	4636	294.00	294.00	160.11	160.11	123.63	123.63	0.00	SI
1 Piso	P42	Top	B244-Wx+ Lcub	-15.92	0.62	0.97	1920	4637	1920	4637	294.00	294.00	160.15	160.15	123.66	123.66	-2.13	SI
1 Piso	P42	Bottom	B244-Wx+ Lcub	-20.58	0.62	0.97	1920	4638	1920	4638	294.00	294.00	160.11	160.18	123.68	123.69	0.00	SI
1 Piso	P42	Top	B244-Wx+ Lcub	-15.92	0.62	0.97	1920	4639	1920	4639	294.00	294.00	160.21	160.22	123.71	123.71	-2.13	SI
1 Piso	P42	Bottom	B244-Wx+ Lcub	-20.58	0.62	0.97	1920	4640	1920	4640	294.00	294.00	160.25	160.25	123.74	123.74	0.00	SI
1 Piso	P42	Top	B244-Wx+ Lcub	-15.92	0.62	0.97	1920	4641	1920	4641	294.00	294.00	160.21	160.28	123.77	123.77	-2.13	SI
1 Piso	P42	Bottom	B244-Wx+ Lcub	-20.58	0.62	0.97	1920	4642	1920	4642	294.00	294.00	160.31	160.32	123.79	123.79	0.00	SI
1 Piso	P42	Top	B245-Ex+	-17.04	0.62	0.97	1920	4643	1920	4643	294.00	294.00	160.31	160.35	123.82	123.82	-0.23	SI
1 Piso	P42	Bottom	B245-Ex+	-20.58	0.62	0.97	1920	4644	1920	4644	294.00	294.00	160.38	160.38	123.85	123.85	0.00	SI
1 Piso	P42	Top	B245-Ex-	-14.98	0.62	0.91	1920	4645	1920	4645	294.00	294.00	160.42	160.42	123.87	123.87	-2.12	SI
1 Piso	P42	Bottom	B245-Ex-	-18.86	0.62	0.97	1920	4646	1920	4646	294.00	294.00	160.46	160.46	123.90	123.90	0.00	SI
1 Piso	P42	Top	B245-Ex+	-16.56	0.62	0.97	1920	4647	1920	4647	294.00	294.00	160.46	160.48	123.93	123.93	-1.82	SI
1 Piso	P42	Bottom	B245-Ex+	-18.97	0.62	0.97	1920	4648	1920	4648	294.00	294.00	160.51	160.53	123.95	123.95	0.00	SI
1 Piso	P42	Top	B245-Ex-	-16.46	0.62	0.91	1920	4649	1920	4649	294.00	294.00	160.56	160.56	123.98	123.98	-2.50	SI
1 Piso	P42	Bottom	B245-Ex-	-19.49	0.62	0.97	1920	4650	1920	4650	294.00	294.00	160.60	160.60	124.01	124.01	0.00	SI
1 Piso	P42	Top	B246-Wx+	-11.42	0.62	0.97	1920	4651	1920	4651	294.00	294.00	160.64	160.69	124.03	124.03	-1.18	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	0.97	1920	4652	1920	4652	294.00	294.00	160.56	160.66	124.05	124.06	0.00	SI
1 Piso	P42	Top	B246-Wx+	-11.42	0.62	0.97	1920	4653	1920	4653	294.00	294.00	160.70	160.70	124.08	124.09	-1.18	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	0.97	1920	4654	1920	4654	294.00	294.00	160.73	160.73	124.11	124.11	0.00	SI
1 Piso	P42	Top	B246-Wx+	-11.42	0.62	0.97	1920	4655	1920	4655	294.00	294.00	160.77	160.77	124.14	124.14	-1.18	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	0.97	1920	4656	1920	4656	294.00	294.00	160.80	160.80	124.17	124.17	0.00	SI
1 Piso	P42	Top	B246-Wx+	-11.42	0.62	0.97	1920	4657	1920	4657	294.00	294.00	160.84	160.84	124.19	124.19	-1.18	SI
1 Piso	P42	Bottom	B246-Wx+	-14.10	0.62	0.97	1920	4658	1920	4658	294.00	294.00	160.87	160.87	124.22	124.22	0.00	SI
1 Piso	P42	Top	B247-Ex+	-11.81	0.62	0.97	1920	4659	1920	4659	294.00	294.00	160.91	160.91	124.25	124.25	-1.28	SI
1 Piso	P42	Bottom	B247-Ex+	-14.97	0.62	0.97	1920	4660	1920	4660	294.00	294.00	160.94	160.94	124.27	124.27	0.00	SI
1 Piso	P42	Top	B247-Ex-	-9.75	0.62	0.97	1920	4661	1920	4661	294.00	294.00	160.97	160.97	124.30	124.30	-1.15	SI
1 Piso	P42	Bottom	B247-Ex-	-12.64	0.62	0.91	1920	4662	1920	4662	294.00	294.00	161.01	161.01	124.33	124.33	0.00	SI
1 Piso	P42	Top	B247-Ex+	-11.33	0.62	0.97	1920	4663	1920	4663	294.00	294.00	161.01	161.04	124.35	124.35	-0.85	SI
1 Piso	P42	Bottom	B247-Ex+	-13.76	0.62	0.97	1920	4664	1920	4664	294.00	294.00	161.08	161.08	124.38	124.38	0.00	SI

STORY	MURO	LOC.	COMB	P x (ton)	Area Ec. (m²)	R	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MEJ (ton-m)	Cumple
1 Piso	P42	Top	B247-Ex-	-10.23	0.62	0.87	1920	4665	1920	4665	294.00	294.00	161.11	161.11	124.41	124.41	-1.56	SI
1 Piso	P42	Bottom	B247-E--	-13.25	0.62	0.87	1920	4666	1920	4666	294.00	294.00	161.15	161.15	124.43	124.43	0.00	SI
1 Piso	P42	Top	B247-E-	-17.76	0.62	0.87	1920	4667	1920	4667	294.00	294.00	161.19	161.19	124.46	124.46	-2.47	SI
1 Piso	P42	Bottom	B247-G	-21.49	0.62	0.87	1920	4668	1920	4668	294.00	294.00	161.22	161.22	124.48	124.48	0.00	SI
1 Piso	P42	Top	B243-Wx- G	-17.28	0.62	0.87	1920	4669	1920	4669	294.00	294.00	161.25	161.25	124.51	124.51	-1.48	SI
1 Piso	P42	Bottom	B243-Wx- G	-20.69	0.62	0.87	1920	4670	1920	4670	294.00	294.00	161.28	161.28	124.54	124.54	0.00	SI
1 Piso	P42	Top	B243-Wy- G	-17.20	0.62	0.87	1920	4671	1920	4671	294.00	294.00	161.31	161.32	124.57	124.57	-1.48	SI
1 Piso	P42	Bottom	B243-Wy- G	-20.69	0.62	0.87	1920	4672	1920	4672	294.00	294.00	161.35	161.35	124.59	124.59	0.00	SI
1 Piso	P42	Top	B242-Wx- G	-17.20	0.62	0.87	1920	4673	1920	4673	294.00	294.00	161.39	161.39	124.62	124.62	-1.48	SI
1 Piso	P42	Bottom	B242-Wx- G	-20.69	0.62	0.87	1920	4674	1920	4674	294.00	294.00	161.43	161.42	124.65	124.65	0.00	SI
1 Piso	P42	Top	B242-Wy- G	-17.20	0.62	0.87	1920	4675	1920	4675	294.00	294.00	161.46	161.47	124.67	124.67	-1.48	SI
1 Piso	P42	Bottom	B242-Wy- G	-20.69	0.62	0.87	1920	4676	1920	4676	294.00	294.00	161.49	161.49	124.70	124.70	0.00	SI
1 Piso	P42	Top	B244-Wx- G	-17.44	0.62	0.87	1920	4677	1920	4677	294.00	294.00	161.53	161.53	124.73	124.73	-2.11	SI
1 Piso	P42	Bottom	B244-Wx- G	-21.08	0.62	0.87	1920	4678	1920	4678	294.00	294.00	161.56	161.56	124.75	124.75	0.00	SI
1 Piso	P42	Top	B244-Wx- G	-17.44	0.62	0.87	1920	4679	1920	4679	294.00	294.00	161.60	161.60	124.78	124.78	-2.11	SI
1 Piso	P42	Bottom	B244-Wx- G	-21.08	0.62	0.87	1920	4680	1920	4680	294.00	294.00	161.63	161.63	124.81	124.81	0.00	SI
1 Piso	P42	Top	B244-Wy- G	-17.44	0.62	0.87	1920	4681	1920	4681	294.00	294.00	161.67	161.67	124.83	124.83	-2.11	SI
1 Piso	P42	Bottom	B244-Wy- G	-21.08	0.62	0.87	1920	4682	1920	4682	294.00	294.00	161.70	161.70	124.86	124.86	0.00	SI
1 Piso	P42	Top	B244-Wy- G	-17.44	0.62	0.87	1920	4683	1920	4683	294.00	294.00	161.74	161.73	124.89	124.89	-2.11	SI
1 Piso	P42	Bottom	B244-Wy- G	-21.08	0.62	0.87	1920	4684	1920	4684	294.00	294.00	161.77	161.77	124.91	124.91	0.00	SI
1 Piso	P43	Top	B241	-19.77	0.62	0.87	1920	4685	1920	4685	294.00	294.00	161.80	161.80	124.94	124.94	-3.11	SI
1 Piso	P43	Bottom	B241	-23.09	0.62	0.87	1920	4686	1920	4686	294.00	294.00	161.84	161.84	124.97	124.97	0.00	SI
1 Piso	P43	Top	B242 Lcub	-19.85	0.62	0.87	1920	4687	1920	4687	294.00	294.00	161.87	161.87	124.99	124.99	-3.60	SI
1 Piso	P43	Bottom	B242 Lcub	-23.69	0.62	0.87	1920	4688	1920	4688	294.00	294.00	161.91	161.91	125.02	125.02	0.00	SI
1 Piso	P43	Top	B243-Wx- Lcub	-18.26	0.62	0.87	1920	4689	1920	4689	294.00	294.00	161.94	161.94	125.05	125.05	-2.61	SI
1 Piso	P43	Bottom	B243-Wx- Lcub	-21.01	0.62	0.87	1920	4690	1920	4690	294.00	294.00	161.98	161.98	125.07	125.07	0.00	SI
1 Piso	P43	Top	B243-Wx- Lcub	-18.26	0.62	0.87	1920	4691	1920	4691	294.00	294.00	162.01	162.01	125.10	125.10	-2.61	SI
1 Piso	P43	Bottom	B243-Wx- Lcub	-21.01	0.62	0.87	1920	4692	1920	4692	294.00	294.00	162.05	162.05	125.13	125.13	0.00	SI
1 Piso	P43	Top	B243-Wy- Lcub	-18.26	0.62	0.87	1920	4693	1920	4693	294.00	294.00	162.08	162.08	125.15	125.15	-2.61	SI
1 Piso	P43	Bottom	B243-Wy- Lcub	-21.01	0.62	0.87	1920	4694	1920	4694	294.00	294.00	162.11	162.11	125.18	125.18	0.00	SI
1 Piso	P43	Top	B243-Wy- Lcub	-18.26	0.62	0.87	1920	4695	1920	4695	294.00	294.00	162.15	162.15	125.21	125.21	-2.61	SI
1 Piso	P43	Bottom	B243-Wy- Lcub	-21.01	0.62	0.87	1920	4696	1920	4696	294.00	294.00	162.18	162.18	125.23	125.23	0.00	SI
1 Piso	P43	Top	B244-Wx- Lcub	-16.03	0.62	0.87	1920	4697	1920	4697	294.00	294.00	162.22	162.22	125.26	125.26	-3.21	SI
1 Piso	P43	Bottom	B244-Wx- Lcub	-22.47	0.62	0.87	1920	4698	1920	4698	294.00	294.00	162.25	162.25	125.29	125.29	0.00	SI
1 Piso	P43	Top	B244-Wx- Lcub	-16.03	0.62	0.87	1920	4699	1920	4699	294.00	294.00	162.29	162.29	125.31	125.31	-3.21	SI
1 Piso	P43	Bottom	B244-Wx- Lcub	-22.47	0.62	0.87	1920	4700	1920	4700	294.00	294.00	162.32	162.32	125.34	125.34	0.00	SI
1 Piso	P43	Top	B244-Wy- Lcub	-16.03	0.62	0.87	1920	4701	1920	4701	294.00	294.00	162.36	162.36	125.37	125.37	-3.21	SI
1 Piso	P43	Bottom	B244-Wy- Lcub	-22.47	0.62	0.87	1920	4702	1920	4702	294.00	294.00	162.39	162.39	125.39	125.39	0.00	SI
1 Piso	P43	Top	B244-Wy- Lcub	-16.03	0.62	0.87	1920	4703	1920	4703	294.00	294.00	162.43	162.43	125.42	125.42	-3.21	SI
1 Piso	P43	Bottom	B244-Wy- Lcub	-22.47	0.62	0.87	1920	4704	1920	4704	294.00	294.00	162.46	162.46	125.45	125.45	0.00	SI
1 Piso	P43	Top	B245-Ex+	-17.59	0.62	0.87	1920	4705	1920	4705	294.00	294.00	162.49	162.49	125.47	125.47	-3.23	SI
1 Piso	P43	Bottom	B245-Ex+	-20.58	0.62	0.87	1920	4706	1920	4706	294.00	294.00	162.53	162.53	125.50	125.50	0.00	SI
1 Piso	P43	Top	B245-Ex+	-16.67	0.62	0.87	1920	4707	1920	4707	294.00	294.00	162.56	162.56	125.53	125.53	-3.28	SI
1 Piso	P43	Bottom	B245-Ex-	-22.51	0.62	0.87	1920	4708	1920	4708	294.00	294.00	162.60	162.60	125.55	125.55	0.00	SI
1 Piso	P43	Top	B245-Ey+	-16.90	0.62	0.87	1920	4709	1920	4709	294.00	294.00	162.63	162.63	125.58	125.58	-3.09	SI
1 Piso	P43	Bottom	B245-Ey+	-21.55	0.62	0.87	1920	4710	1920	4710	294.00	294.00	162.67	162.67	125.61	125.61	0.00	SI
1 Piso	P43	Top	B245-Ey-	-16.37	0.62	0.87	1920	4711	1920	4711	294.00	294.00	162.70	162.70	125.63	125.63	-3.44	SI
1 Piso	P43	Bottom	B245-Ey-	-21.52	0.62	0.87	1920	4712	1920	4712	294.00	294.00	162.74	162.74	125.66	125.66	0.00	SI
1 Piso	P43	Top	B246-Wx+	-13.40	0.62	0.87	1920	4713	1920	4713	294.00	294.00	162.77	162.77	125.69	125.69	-1.97	SI
1 Piso	P43	Bottom	B246-Wx+	-15.49	0.62	0.87	1920	4714	1920	4714	294.00	294.00	162.81	162.81	125.71	125.71	0.00	SI
1 Piso	P43	Top	B246-Wx-	-13.40	0.62	0.87	1920	4715	1920	4715	294.00	294.00	162.84	162.84	125.74	125.74	-1.97	SI
1 Piso	P43	Bottom	B246-Wx-	-15.49	0.62	0.87	1920	4716	1920	4716	294.00	294.00	162.87	162.87	125.77	125.77	0.00	SI
1 Piso	P43	Top	B246-Wy-	-13.40	0.62	0.87	1920	4717	1920	4717	294.00	294.00	162.91	162.91	125.79	125.79	-1.97	SI
1 Piso	P43	Bottom	B246-Wy+	-15.49	0.62	0.87	1920	4718	1920	4718	294.00	294.00	162.94	162.94	125.82	125.82	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec. (m²)	R_y	fy ext (Mpa)	fy ext (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	øMn ext (ton-m)	øMn int (ton-m)	M22 (ton-m)	Cumple
1 Piso	P43	Top	B246-Wp	-13.40	0.62	0.97	1920	4719	1920	4719	294.00	294.00	169.08	169.08	126.85	126.85	-1.87	SI
1 Piso	P43	Bottom	B246-Wp	-15.48	0.62	0.97	1920	4720	1920	4720	294.00	294.00	169.08	169.08	126.87	126.87	0.00	SI
1 Piso	P43	Top	B247-Ey+	-11.67	0.62	0.97	1920	4721	1920	4721	294.00	294.00	169.08	169.08	126.87	126.87	-1.87	SI
1 Piso	P43	Bottom	B247-Ey+	-13.85	0.62	0.97	1920	4722	1920	4722	294.00	294.00	169.08	169.08	126.87	126.87	-3.05	SI
1 Piso	P43	Top	B247-Ey-	-13.75	0.62	0.97	1920	4723	1920	4723	294.00	294.00	169.15	169.15	126.89	126.89	0.00	SI
1 Piso	P43	Bottom	B247-Ey-	-15.81	0.62	0.97	1920	4724	1920	4724	294.00	294.00	169.15	169.15	126.89	126.89	0.00	SI
1 Piso	P43	Top	B247-Ey+	-12.87	0.62	0.97	1920	4725	1920	4725	294.00	294.00	169.19	169.19	126.91	126.91	-1.82	SI
1 Piso	P43	Bottom	B247-Ey+	-14.87	0.62	0.97	1920	4726	1920	4726	294.00	294.00	169.22	169.22	126.93	126.93	0.00	SI
1 Piso	P43	Top	B247-Ey-	-12.45	0.62	0.97	1920	4727	1920	4727	294.00	294.00	169.25	169.25	126.95	126.95	-2.19	SI
1 Piso	P43	Bottom	B247-Ey-	-14.81	0.62	0.97	1920	4728	1920	4728	294.00	294.00	169.29	169.29	126.97	126.97	0.00	SI
1 Piso	P43	Top	B242 C	-20.51	0.62	0.97	1920	4729	1920	4729	294.00	294.00	169.32	169.32	126.99	126.99	-3.68	SI
1 Piso	P43	Bottom	B242 C	-23.41	0.62	0.97	1920	4730	1920	4730	294.00	294.00	169.36	169.36	127.02	127.02	0.00	SI
1 Piso	P43	Top	B243-Wx+ G	-20.07	0.62	0.97	1920	4731	1920	4731	294.00	294.00	169.39	169.39	127.04	127.04	-2.52	SI
1 Piso	P43	Bottom	B243-Wx+ G	-22.68	0.62	0.97	1920	4732	1920	4732	294.00	294.00	169.43	169.43	127.07	127.07	0.00	SI
1 Piso	P43	Top	B243-Wy- G	-20.07	0.62	0.97	1920	4733	1920	4733	294.00	294.00	169.46	169.46	127.09	127.09	-2.52	SI
1 Piso	P43	Bottom	B243-Wy- G	-22.68	0.62	0.97	1920	4734	1920	4734	294.00	294.00	169.50	169.50	127.12	127.12	0.00	SI
1 Piso	P43	Top	B243-Wx+ G	-20.07	0.62	0.97	1920	4735	1920	4735	294.00	294.00	169.53	169.53	127.14	127.14	-2.52	SI
1 Piso	P43	Bottom	B243-Wx+ G	-22.68	0.62	0.97	1920	4736	1920	4736	294.00	294.00	169.57	169.57	127.17	127.17	0.00	SI
1 Piso	P43	Top	B243-Wy+ G	-20.07	0.62	0.97	1920	4737	1920	4737	294.00	294.00	169.60	169.60	127.20	127.20	-2.52	SI
1 Piso	P43	Bottom	B243-Wy+ G	-22.68	0.62	0.97	1920	4738	1920	4738	294.00	294.00	169.63	169.63	127.22	127.22	0.00	SI
1 Piso	P43	Top	B244-Wx- D	-20.19	0.62	0.97	1920	4739	1920	4739	294.00	294.00	169.67	169.67	127.25	127.25	-2.19	SI
1 Piso	P43	Bottom	B244-Wx- G	-22.90	0.62	0.97	1920	4740	1920	4740	294.00	294.00	169.70	169.70	127.27	127.27	0.00	SI
1 Piso	P43	Top	B244-Wx+ G	-20.19	0.62	0.97	1920	4741	1920	4741	294.00	294.00	169.74	169.74	127.30	127.30	-2.19	SI
1 Piso	P43	Bottom	B244-Wx+ D	-22.90	0.62	0.97	1920	4742	1920	4742	294.00	294.00	169.77	169.77	127.33	127.33	0.00	SI
1 Piso	P43	Top	B244-Wy- G	-20.19	0.62	0.97	1920	4743	1920	4743	294.00	294.00	169.81	169.81	127.36	127.36	-3.19	SI
1 Piso	P43	Bottom	B244-Wy- G	-22.68	0.62	0.97	1920	4744	1920	4744	294.00	294.00	169.84	169.84	127.38	127.38	0.00	SI
1 Piso	P43	Top	B244-Wy+ D	-20.19	0.62	0.97	1920	4745	1920	4745	294.00	294.00	169.88	169.88	127.41	127.41	-3.19	SI
1 Piso	P43	Bottom	B244-Wy+ G	-22.68	0.62	0.97	1920	4746	1920	4746	294.00	294.00	169.91	169.91	127.43	127.43	0.00	SI
1 Piso	P44	Top	B241	-15.64	0.62	0.97	1920	4747	1920	4747	294.00	294.00	169.95	169.95	127.46	127.46	-2.70	SI
1 Piso	P44	Bottom	B241	-22.77	0.62	0.97	1920	4748	1920	4748	294.00	294.00	169.98	169.98	127.49	127.49	0.00	SI
1 Piso	P44	Top	B243-Wx+ Lcub	-19.40	0.62	0.97	1920	4749	1920	4749	294.00	294.00	164.01	164.01	123.01	123.01	-3.46	SI
1 Piso	P44	Bottom	B242 Lcub	-23.05	0.62	0.97	1920	4750	1920	4750	294.00	294.00	164.05	164.05	123.04	123.04	0.00	SI
1 Piso	P44	Top	B243-Wx+ Lcub	-17.34	0.62	0.97	1920	4751	1920	4751	294.00	294.00	164.08	164.08	123.06	123.06	-2.26	SI
1 Piso	P44	Bottom	B243-Wx+ Lcub	-20.82	0.62	0.97	1920	4752	1920	4752	294.00	294.00	164.12	164.12	123.09	123.09	0.00	SI
1 Piso	P44	Top	B243-Wx- Lcub	-17.34	0.62	0.97	1920	4753	1920	4753	294.00	294.00	164.15	164.15	123.11	123.11	-2.26	SI
1 Piso	P44	Bottom	B243-Wx- Lcub	-20.82	0.62	0.97	1920	4754	1920	4754	294.00	294.00	164.19	164.19	123.14	123.14	0.00	SI
1 Piso	P44	Top	B243-Wy+ Lcub	-17.34	0.62	0.97	1920	4755	1920	4755	294.00	294.00	164.22	164.22	123.17	123.17	-2.26	SI
1 Piso	P44	Bottom	B243-Wy+ Lcub	-20.82	0.62	0.97	1920	4756	1920	4756	294.00	294.00	164.26	164.26	123.19	123.19	0.00	SI
1 Piso	P44	Top	B243-Wy- Lcub	-17.34	0.62	0.97	1920	4757	1920	4757	294.00	294.00	164.29	164.29	123.22	123.22	0.00	SI
1 Piso	P44	Bottom	B243-Wy- Lcub	-20.82	0.62	0.97	1920	4758	1920	4758	294.00	294.00	164.32	164.32	123.24	123.24	-3.05	SI
1 Piso	P44	Top	B244-Wx+ Lcub	-18.88	0.62	0.97	1920	4759	1920	4759	294.00	294.00	164.36	164.36	123.27	123.27	0.00	SI
1 Piso	P44	Bottom	B244-Wx+ Lcub	-22.52	0.62	0.97	1920	4760	1920	4760	294.00	294.00	164.39	164.39	123.29	123.29	0.00	SI
1 Piso	P44	Top	B244-Wx- Lcub	-18.58	0.62	0.97	1920	4761	1920	4761	294.00	294.00	164.43	164.43	123.32	123.32	-3.01	SI
1 Piso	P44	Bottom	B244-Wx- Lcub	-22.52	0.62	0.97	1920	4762	1920	4762	294.00	294.00	164.46	164.46	123.35	123.35	0.00	SI
1 Piso	P44	Top	B244-Wy- Lcub	-18.58	0.62	0.97	1920	4763	1920	4763	294.00	294.00	164.50	164.50	123.37	123.37	-3.01	SI
1 Piso	P44	Bottom	B244-Wy+ Lcub	-22.52	0.62	0.97	1920	4764	1920	4764	294.00	294.00	164.53	164.53	123.40	123.40	0.00	SI
1 Piso	P44	Top	B244-Wy- Lcub	-18.58	0.62	0.97	1920	4765	1920	4765	294.00	294.00	164.57	164.57	123.43	123.43	-3.01	SI
1 Piso	P44	Bottom	B244-Wy- Lcub	-22.52	0.62	0.97	1920	4766	1920	4766	294.00	294.00	164.60	164.60	123.45	123.45	0.00	SI
1 Piso	P44	Top	B245-Ey+	-18.11	0.62	0.97	1920	4767	1920	4767	294.00	294.00	164.64	164.64	123.48	123.48	-3.07	SI
1 Piso	P44	Bottom	B245-Ey+	-21.98	0.62	0.97	1920	4768	1920	4768	294.00	294.00	164.67	164.67	123.50	123.50	0.00	SI
1 Piso	P44	Top	B245-Ey-	-17.80	0.62	0.97	1920	4769	1920	4769	294.00	294.00	164.70	164.70	123.53	123.53	-3.04	SI
1 Piso	P44	Bottom	B245-Ey-	-21.49	0.62	0.97	1920	4770	1920	4770	294.00	294.00	164.74	164.74	123.55	123.55	0.00	SI
1 Piso	P44	Top	B245-Ey+	-18.14	0.62	0.97	1920	4771	1920	4771	294.00	294.00	164.77	164.77	123.58	123.58	-2.87	SI
1 Piso	P44	Bottom	B245-Ey+	-21.61	0.62	0.97	1920	4772	1920	4772	294.00	294.00	164.81	164.81	123.61	123.61	0.00	SI

STORY	MURO	LOC.	COMB	Pu [kon]	Área ρmin [cm²]	R_n	As ext [mm²]	fy ext [kg/cm²]	As int [mm²]	fy int [kg/cm²]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	MD [ton-m]	Cumple
1 Piso	P44	Top	B245-Ex-	-17.76	0.62	0.87	1620	4773	1920	4773	294.00	294.00	184.64	184.64	127.29	127.29	-0.23	SI
1 Piso	P44	Bottom	B245-Ex-	-21.47	0.62	0.97	1920	4774	1920	4774	294.00	294.00	184.64	184.64	127.31	127.31	0.00	SI
1 Piso	P44	Top	B246-Wx+	-12.70	0.62	0.87	1920	4775	1920	4775	294.00	294.00	184.91	184.91	127.34	127.34	-1.71	SI
1 Piso	P44	Bottom	B246-Wx+	-15.32	0.62	0.87	1620	4776	1920	4776	294.00	294.00	184.91	184.96	127.37	127.37	0.00	SI
1 Piso	P44	Top	B248-Wx-	-12.70	0.62	0.87	1920	4777	1000	4777	294.00	294.00	184.91	184.96	127.39	127.39	-1.71	SI
1 Piso	P44	Bottom	B246-Wx+	-15.32	0.62	0.87	1620	4778	1920	4778	294.00	294.00	165.01	165.02	127.42	127.42	0.00	SI
1 Piso	P44	Top	B246-Wx+	-12.70	0.62	0.87	1920	4779	1020	4779	294.00	294.00	165.01	165.06	127.45	127.45	-1.71	SI
1 Piso	P44	Bottom	B246-Wx+	-15.32	0.62	0.87	1620	4780	1920	4780	294.00	294.00	165.06	165.06	127.47	127.47	0.00	SI
1 Piso	P44	Top	B248-Wx-	-12.70	0.62	0.87	1920	4781	1920	4781	294.00	294.00	165.12	165.12	127.50	127.50	-1.71	SI
1 Piso	P44	Bottom	B246-Wx+	-15.32	0.62	0.87	1920	4782	1920	4782	294.00	294.00	165.16	165.16	127.53	127.53	0.00	SI
1 Piso	P44	Top	B247-Ex+	-12.14	0.62	0.97	1920	4783	1920	4783	294.00	294.00	165.19	165.19	127.55	127.55	-1.75	SI
1 Piso	P44	Bottom	B247-Ex+	-14.69	0.62	0.97	1920	4784	1020	4784	294.00	294.00	165.22	165.22	127.58	127.58	0.00	SI
1 Piso	P44	Top	B247-Ex-	-11.80	0.62	0.87	1920	4785	1920	4785	294.00	294.00	165.26	165.26	127.61	127.61	-1.72	SI
1 Piso	P44	Bottom	B247-Ex-	-14.50	0.62	0.97	1920	4786	1920	4786	294.00	294.00	165.29	165.29	127.63	127.63	0.00	SI
1 Piso	P44	Top	B247-Ex+	-12.17	0.62	0.87	1920	4787	1920	4787	294.00	294.00	165.33	165.33	127.66	127.66	-1.56	SI
1 Piso	P44	Bottom	B247-Ex+	-14.71	0.62	0.97	1920	4788	1020	4788	294.00	294.00	165.36	165.36	127.69	127.69	0.00	SI
1 Piso	P44	Top	B247-Ex-	-11.80	0.62	0.87	1920	4789	1920	4789	294.00	294.00	165.40	165.40	127.71	127.71	-1.92	SI
1 Piso	P44	Bottom	B247-Ex-	-14.57	0.62	0.87	1920	4790	1920	4790	294.00	294.00	165.44	165.43	127.74	127.74	0.00	SI
1 Piso	P44	Top	B242 C-	-20.04	0.62	0.97	1920	4791	1920	4791	294.00	294.00	165.48	165.48	127.77	127.77	-3.48	SI
1 Piso	P44	Bottom	B242 C-	-23.60	0.62	0.87	1920	4792	1920	4792	294.00	294.00	165.50	165.50	127.79	127.79	0.00	SI
1 Piso	P44	Top	B243-Wx- G	-19.19	0.62	0.97	1920	4793	1920	4793	294.00	294.00	165.53	165.53	127.82	127.82	-2.19	SI
1 Piso	P44	Bottom	B243-Wx- G	-22.58	0.62	0.87	1920	4794	1920	4794	294.00	294.00	165.57	165.57	127.85	127.85	0.00	SI
1 Piso	P44	Top	B243-Wx- G	-19.19	0.62	0.97	1920	4795	1920	4795	294.00	294.00	165.60	165.60	127.87	127.87	-2.19	SI
1 Piso	P44	Bottom	B243-Wx- G	-22.58	0.62	0.97	1920	4796	1920	4796	294.00	294.00	165.64	165.64	127.90	127.90	0.00	SI
1 Piso	P44	Top	B243-Wx+ G	-19.19	0.62	0.87	1920	4797	1920	4797	294.00	294.00	165.67	165.67	127.93	127.93	-2.19	SI
1 Piso	P44	Bottom	B243-Wx+ G	-22.58	0.62	0.97	1920	4798	1920	4798	294.00	294.00	165.71	165.71	127.95	127.95	0.00	SI
1 Piso	P44	Top	B243-Wx+ G	-19.19	0.62	0.97	1920	4799	1920	4799	294.00	294.00	165.74	165.74	127.98	127.98	-2.18	SI
1 Piso	P44	Bottom	B243-Wx+ G	-22.58	0.62	0.97	1920	4800	1920	4800	294.00	294.00	165.78	165.78	128.01	128.01	0.00	SI
1 Piso	P44	Top	B244-Wx- G	-19.57	0.62	0.97	1920	4801	1920	4801	294.00	294.00	165.81	165.81	128.03	128.03	-2.59	SI
1 Piso	P44	Bottom	B244-Wx- G	-23.07	0.62	0.97	1920	4802	1920	4802	294.00	294.00	165.84	165.84	128.06	128.06	0.00	SI
1 Piso	P44	Top	B244-Wx- G	-19.57	0.62	0.97	1920	4803	1920	4803	294.00	294.00	165.84	165.88	128.08	128.09	-2.59	SI
1 Piso	P44	Bottom	B244-Wx- G	-23.07	0.62	0.97	1920	4804	1920	4804	294.00	294.00	165.91	165.91	128.11	128.11	0.00	SI
1 Piso	P44	Top	B244-Wx- G	-19.57	0.62	0.97	1920	4805	1920	4805	294.00	294.00	165.95	165.95	128.14	128.14	-2.59	SI
1 Piso	P44	Bottom	B244-Wx- G	-23.07	0.62	0.97	1920	4806	1920	4806	294.00	294.00	165.98	165.98	128.17	128.17	0.00	SI
1 Piso	P44	Top	B244-Wx- G	-19.57	0.62	0.97	1920	4807	1920	4807	294.00	294.00	166.02	166.02	128.19	128.19	-2.59	SI
1 Piso	P44	Bottom	B244-Wx- G	-23.07	0.62	0.97	1920	4808	1920	4808	294.00	294.00	166.05	166.05	128.22	128.22	0.00	SI
1 Piso	P45	Top	B241	-18.78	0.62	0.97	1920	4808	1920	4808	294.00	294.00	166.04	166.09	128.25	128.25	-4.47	SI
1 Piso	P45	Bottom	B241	-24.21	0.62	0.97	1920	4810	1920	4810	294.00	294.00	166.12	166.12	128.27	128.27	0.00	SI
1 Piso	P45	Top	B242 Csub	-18.78	0.62	0.97	1920	4811	1920	4811	294.00	294.00	166.16	166.16	128.30	128.30	-5.67	SI
1 Piso	P45	Bottom	B242 Csub	-24.68	0.62	0.97	1920	4812	1920	4812	294.00	294.00	166.19	166.19	128.33	128.33	0.00	SI
1 Piso	P45	Top	B243-Wx+ Csub	-17.33	0.62	0.97	1920	4813	1920	4813	294.00	294.00	166.22	166.22	128.35	128.35	-3.75	SI
1 Piso	P45	Bottom	B243-Wx+ Csub	-21.95	0.62	0.97	1920	4814	1920	4814	294.00	294.00	166.26	166.26	128.38	128.38	0.00	SI
1 Piso	P45	Top	B243-Wx- Csub	-17.33	0.62	0.97	1920	4815	1920	4815	294.00	294.00	166.29	166.28	128.41	128.41	-3.75	SI
1 Piso	P45	Bottom	B243-Wx- Csub	-21.95	0.62	0.97	1920	4816	1920	4816	294.00	294.00	166.33	166.33	128.43	128.43	0.00	SI
1 Piso	P45	Top	B243-Wx+ Csub	-17.33	0.62	0.97	1920	4817	1920	4817	294.00	294.00	166.36	166.36	128.46	128.46	-3.75	SI
1 Piso	P45	Bottom	B243-Wx+ Csub	-21.95	0.62	0.97	1920	4818	1920	4818	294.00	294.00	166.40	166.40	128.48	128.48	0.00	SI
1 Piso	P45	Top	B243-Wx- Csub	-17.33	0.62	0.97	1920	4819	1920	4819	294.00	294.00	166.43	166.43	128.51	128.51	-3.75	SI
1 Piso	P45	Bottom	B243-Wx- Csub	-21.95	0.62	0.97	1920	4820	1920	4820	294.00	294.00	166.47	166.47	128.54	128.54	0.00	SI
1 Piso	P45	Top	B244-Wx+ Csub	-18.78	0.62	0.97	1920	4821	1920	4821	294.00	294.00	166.50	166.50	128.57	128.57	-4.53	SI
1 Piso	P45	Bottom	B244-Wx+ Csub	-23.95	0.62	0.97	1920	4822	1920	4822	294.00	294.00	166.54	166.54	128.59	128.59	0.00	SI
1 Piso	P45	Top	B244-Wx- Csub	-18.66	0.62	0.97	1920	4823	1920	4823	294.00	294.00	166.57	166.57	128.62	128.62	-4.53	SI
1 Piso	P45	Bottom	B244-Wx- Csub	-23.85	0.62	0.97	1920	4824	1920	4824	294.00	294.00	166.60	166.60	128.65	128.65	0.00	SI
1 Piso	P45	Top	B244-Wx+ Csub	-18.66	0.62	0.97	1920	4825	1920	4825	294.00	294.00	166.64	166.64	128.67	128.67	-4.53	SI
1 Piso	P45	Bottom	B244-Wx+ Csub	-23.85	0.62	0.97	1920	4826	1920	4826	294.00	294.00	166.67	166.67	128.70	128.70	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Orilla ext (ton-m)	Orilla int (ton-m)	M33 (ton-m)	Cumple
1 Piso	P45	Top	B244-Wy+ Lcub	-19,16	0.62	0.87	1920	4827	1920	4827	294.00	294.00	166.71	166.71	126.73	126.73	-4.03	SI
1 Piso	P45	Bottom	B244-Wy+ Lcub	-20.85	0.62	0.91	1920	4828	1920	4828	294.00	294.00	166.74	166.74	126.75	126.75	0.00	SI
1 Piso	P45	Top	B245-Ey+	-18.33	0.62	0.87	1920	4829	1920	4829	294.00	294.00	166.78	166.78	126.78	126.78	-5.04	SI
1 Piso	P45	Bottom	B245-Ey+	-20.07	0.62	0.91	1920	4830	1920	4830	294.00	294.00	166.81	166.81	126.81	126.81	0.00	SI
1 Piso	P45	Top	B245-Ey-	-18.12	0.62	0.87	1920	4831	1920	4831	294.00	294.00	166.85	166.85	126.83	126.83	-4.85	SI
1 Piso	P45	Bottom	B245-Ey-	-21.02	0.62	0.91	1920	4832	1920	4832	294.00	294.00	166.88	166.88	126.85	126.86	0.00	SI
1 Piso	P45	Top	B245-Ey+	-18.81	0.62	0.87	1920	4833	1920	4833	294.00	294.00	166.92	166.92	126.87	126.88	-4.77	SI
1 Piso	P45	Bottom	B245-Ey+	-23.90	0.62	0.87	1920	4834	1920	4834	294.00	294.00	166.95	166.95	126.91	126.91	0.00	SI
1 Piso	P45	Top	B245-Ey+	-17.65	0.62	0.87	1920	4835	1920	4835	294.00	294.00	166.99	166.99	126.94	126.94	-5.21	SI
1 Piso	P45	Bottom	B245-Ey+	-22.19	0.62	0.87	1920	4836	1920	4836	294.00	294.00	167.03	167.03	126.97	126.97	0.00	SI
1 Piso	P45	Top	B246-Wx+	-12.72	0.62	0.91	1920	4837	1920	4837	294.00	294.00	167.05	167.05	126.99	126.99	-2.83	SI
1 Piso	P45	Bottom	B246-Wx+	-16.20	0.62	0.97	1920	4838	1920	4838	294.00	294.00	167.09	167.09	127.02	127.02	0.00	SI
1 Piso	P45	Top	B246-Wx+	-12.72	0.62	0.91	1920	4839	1920	4839	294.00	294.00	167.12	167.12	127.05	127.05	-2.83	SI
1 Piso	P45	Bottom	B246-Wx+	-16.20	0.62	0.97	1920	4840	1920	4840	294.00	294.00	167.16	167.16	127.07	127.07	0.00	SI
1 Piso	P45	Top	B246-Wy+	-12.72	0.62	0.91	1920	4841	1920	4841	294.00	294.00	167.19	167.19	127.10	127.10	-2.83	SI
1 Piso	P45	Bottom	B246-Wy+	-16.20	0.62	0.97	1920	4842	1920	4842	294.00	294.00	167.23	167.23	127.13	127.13	0.00	SI
1 Piso	P45	Top	B246-Wy+	-12.72	0.62	0.91	1920	4843	1920	4843	294.00	294.00	167.26	167.26	127.15	127.15	-2.83	SI
1 Piso	P45	Bottom	B246-Wy+	-16.20	0.62	0.97	1920	4844	1920	4844	294.00	294.00	167.30	167.30	127.18	127.18	0.00	SI
1 Piso	P45	Top	B247-Ex+	-12.18	0.62	0.97	1920	4845	1920	4845	294.00	294.00	167.33	167.33	127.21	127.21	-2.92	SI
1 Piso	P45	Bottom	B247-Ex+	-17.50	0.62	0.97	1920	4846	1920	4846	294.00	294.00	167.36	167.36	127.23	127.23	0.00	SI
1 Piso	P45	Top	B247-Ex+	-11.97	0.62	0.97	1920	4847	1920	4847	294.00	294.00	167.40	167.40	127.26	127.26	-2.83	SI
1 Piso	P45	Bottom	B247-Ex+	-13.54	0.62	0.87	1920	4848	1920	4848	294.00	294.00	167.43	167.43	127.29	127.29	0.00	SI
1 Piso	P45	Top	B247-Ex+	-12.69	0.62	0.97	1920	4849	1920	4849	294.00	294.00	167.47	167.47	127.31	127.31	-2.95	SI
1 Piso	P45	Bottom	B247-Ex+	-16.42	0.62	0.87	1920	4850	1920	4850	294.00	294.00	167.50	167.50	127.34	127.34	0.00	SI
1 Piso	P45	Top	B247-Ex+	-11.48	0.62	0.87	1920	4851	1920	4851	294.00	294.00	167.54	167.54	127.37	127.37	-3.10	SI
1 Piso	P45	Bottom	B247-Ex+	-14.71	0.62	0.97	1920	4852	1920	4852	294.00	294.00	167.57	167.57	127.39	127.39	0.00	SI
1 Piso	P45	Top	B242 Ex-	-20.31	0.62	0.87	1920	4853	1920	4853	294.00	294.00	167.61	167.61	127.42	127.42	-5.83	SI
1 Piso	P45	Bottom	B242 Ex-	-25.21	0.62	0.97	1920	4854	1920	4854	294.00	294.00	167.64	167.64	127.45	127.45	0.00	SI
1 Piso	P45	Top	B243-Wx- G	-19.02	0.62	0.87	1920	4855	1920	4855	294.00	294.00	167.68	167.68	127.47	127.47	-3.63	SI
1 Piso	P45	Bottom	B243-Wx- G	-21.80	0.62	0.91	1920	4856	1920	4856	294.00	294.00	167.71	167.71	127.50	127.50	0.00	SI
1 Piso	P45	Top	B243-Wx- G	-18.02	0.62	0.91	1920	4857	1920	4857	294.00	294.00	167.74	167.74	127.53	127.53	-3.63	SI
1 Piso	P45	Bottom	B243-Wx- G	-21.80	0.62	0.87	1920	4858	1920	4858	294.00	294.00	167.78	167.78	127.55	127.55	0.00	SI
1 Piso	P45	Top	B243-Wx+ G	-18.02	0.62	0.91	1920	4859	1920	4859	294.00	294.00	167.81	167.81	127.58	127.58	-3.63	SI
1 Piso	P45	Bottom	B243-Wx+ G	-21.80	0.62	0.91	1920	4860	1920	4860	294.00	294.00	167.85	167.85	127.61	127.61	0.00	SI
1 Piso	P45	Top	B243-Wx+ G	-18.02	0.62	0.91	1920	4861	1920	4861	294.00	294.00	167.88	167.88	127.63	127.63	-3.63	SI
1 Piso	P45	Bottom	B243-Wy+ G	-21.60	0.62	0.91	1920	4862	1920	4862	294.00	294.00	167.92	167.92	127.66	127.66	0.00	SI
1 Piso	P45	Top	B244-Wx- G	-19.68	0.62	0.91	1920	4863	1920	4863	294.00	294.00	167.95	167.95	127.69	127.69	-4.09	SI
1 Piso	P45	Bottom	B244-Wx- G	-24.46	0.62	0.97	1920	4864	1920	4864	294.00	294.00	167.99	167.99	127.71	127.71	0.00	SI
1 Piso	P45	Top	B244-Wx+ G	-19.68	0.62	0.91	1920	4865	1920	4865	294.00	294.00	168.02	168.02	127.74	127.74	-4.09	SI
1 Piso	P45	Bottom	B244-Wx+ G	-24.46	0.62	0.97	1920	4866	1920	4866	294.00	294.00	168.05	168.05	127.77	127.77	0.00	SI
1 Piso	P45	Top	B244-Wy+ G	-19.68	0.62	0.91	1920	4867	1920	4867	294.00	294.00	168.09	168.09	127.79	127.79	-4.09	SI
1 Piso	P45	Bottom	B244-Wy+ G	-24.46	0.62	0.97	1920	4868	1920	4868	294.00	294.00	168.12	168.12	127.82	127.82	0.00	SI
1 Piso	P45	Top	B244-Wy+ G	-19.60	0.62	0.97	1920	4869	1920	4869	294.00	294.00	168.16	168.16	127.85	127.85	-4.88	SI
1 Piso	P45	Bottom	B244-Wy+ G	-24.46	0.62	0.97	1920	4870	1920	4870	294.00	294.00	168.19	168.19	127.87	127.87	0.00	SI
1 Piso	P46	Top	B241	-7.55	0.42	0.97	1920	4871	1920	4871	294.00	294.00	168.23	168.23	127.90	127.90	-2.00	SI
1 Piso	P46	Bottom	B241	-12.70	0.42	0.97	1920	4872	1920	4872	294.00	294.00	168.26	168.26	127.93	127.93	0.01	SI
1 Piso	P46	Top	B242 Lcub	-7.24	0.42	0.97	1920	4873	1920	4873	294.00	294.00	168.30	168.30	127.95	127.95	-2.93	SI
1 Piso	P46	Bottom	B242 Lcub	-11.92	0.42	0.97	1920	4874	1920	4874	294.00	294.00	168.33	168.33	127.98	127.98	0.01	SI
1 Piso	P46	Top	B243-Wx+ Lcub	-6.90	0.42	0.87	1920	4875	1920	4875	294.00	294.00	168.37	168.37	128.01	128.01	-1.73	SI
1 Piso	P46	Bottom	B243-Wx+ Lcub	-11.42	0.42	0.97	1920	4876	1920	4876	294.00	294.00	168.40	168.40	128.03	128.03	0.01	SI
1 Piso	P46	Top	B243-Wx+ Lcub	-6.90	0.42	0.87	1920	4877	1920	4877	294.00	294.00	168.43	168.43	128.06	128.06	-1.73	SI
1 Piso	P46	Bottom	B243-Wx+ Lcub	-11.42	0.42	0.97	1920	4878	1920	4878	294.00	294.00	168.47	168.47	128.08	128.08	0.01	SI
1 Piso	P46	Top	B243-Wy+ Lcub	-6.80	0.42	0.87	1920	4879	1920	4879	294.00	294.00	168.50	168.50	128.11	128.11	-1.73	SI
1 Piso	P46	Bottom	B243-Wy+ Lcub	-11.42	0.42	0.97	1920	4880	1920	4880	294.00	294.00	168.54	168.54	128.14	128.14	0.01	SI

STORY	MURO	LOC.	COMB.	Pu (ton)	Area acc (cm²)	R_y	As ext (cm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MZZ (ton-m)	Cumple
1 Piso	P46	Top	B243-Wy+ Lcub	-8.80	0.42	0.97	1920	4881	1020	4881	294.00	294.00	166.57	166.57	130.17	130.17	-1.73	SI
1 Piso	P46	Bottom	B243-Wy+ Lcub	-11.62	0.42	0.97	1920	4882	1920	4882	294.00	294.00	158.81	166.81	130.19	130.19	0.01	SI
1 Piso	P46	Top	B244-Wy+ Lcub	-7.15	0.42	0.97	1920	4883	1020	4883	294.00	294.00	166.64	166.64	130.22	130.22	-2.29	SI
1 Piso	P46	Bottom	B244-Wy+ Lcub	-11.86	0.42	0.97	1920	4884	1920	4884	294.00	294.00	166.66	166.66	130.25	130.25	0.01	SI
1 Piso	P46	Top	B244-Wy+ Lcub	-7.15	0.42	0.97	1920	4885	1920	4885	294.00	294.00	166.71	166.71	130.27	130.27	-2.29	SI
1 Piso	P46	Bottom	B244-Wy+ Lcub	-11.86	0.42	0.97	1920	4886	1920	4886	294.00	294.00	166.73	166.73	130.30	130.30	0.01	SI
1 Piso	P46	Top	B244-Wy+ Lcub	-7.15	0.42	0.97	1920	4887	1920	4887	294.00	294.00	166.78	166.78	130.33	130.33	-2.29	SI
1 Piso	P46	Bottom	B244-Wy+ Lcub	-11.86	0.42	0.97	1920	4888	1920	4888	294.00	294.00	166.80	166.81	130.35	130.35	0.01	SI
1 Piso	P46	Top	B244-Wy+ Lcub	-7.15	0.42	0.97	1920	4889	1920	4889	294.00	294.00	166.85	166.85	130.39	130.39	-2.29	SI
1 Piso	P46	Bottom	B244-Wy+ Lcub	-11.86	0.42	0.97	1920	4890	1920	4890	294.00	294.00	166.87	166.88	130.41	130.41	0.01	SI
1 Piso	P46	Top	B245-Ey+	-8.12	0.42	0.97	1920	4891	1920	4891	294.00	294.00	166.92	166.92	130.43	130.43	-2.28	SI
1 Piso	P46	Bottom	B245-Ey+	-13.43	0.42	0.97	1920	4892	1920	4892	294.00	294.00	166.94	166.95	130.45	130.46	0.01	SI
1 Piso	P46	Top	B245-Ey+	-8.08	0.42	0.97	1920	4893	1920	4893	294.00	294.00	166.99	166.99	130.49	130.49	-2.27	SI
1 Piso	P46	Bottom	B245-Ey+	-8.48	0.42	0.97	1920	4894	1920	4894	294.00	294.00	166.99	166.99	130.51	130.51	0.01	SI
1 Piso	P46	Top	B245-Ey+	-8.46	0.42	0.97	1920	4895	1920	4895	294.00	294.00	167.04	167.04	130.54	130.54	-2.25	SI
1 Piso	P46	Bottom	B245-Ey+	-15.29	0.42	0.97	1920	4896	1920	4896	294.00	294.00	167.06	167.09	130.57	130.57	0.02	SI
1 Piso	P46	Top	B245-Ey+	-5.26	0.42	0.97	1920	4897	1920	4897	294.00	294.00	167.11	167.13	130.59	130.59	-2.26	SI
1 Piso	P46	Bottom	B245-Ey+	-7.62	0.42	0.97	1920	4898	1920	4898	294.00	294.00	167.16	167.16	130.62	130.62	0.00	SI
1 Piso	P46	Top	B246-Wy+	-5.03	0.42	0.97	1920	4899	1920	4899	294.00	294.00	167.19	167.19	130.65	130.65	-1.30	SI
1 Piso	P46	Bottom	B246-Wy+	-8.44	0.42	0.97	1920	4900	1920	4900	294.00	294.00	167.23	167.23	130.67	130.67	0.01	SI
1 Piso	P46	Top	B246-Wy+	-5.03	0.42	0.97	1920	4901	1920	4901	294.00	294.00	167.26	167.26	130.70	130.70	-1.30	SI
1 Piso	P46	Bottom	B246-Wy+	-8.44	0.42	0.97	1920	4902	1920	4902	294.00	294.00	167.30	167.30	130.73	130.73	0.01	SI
1 Piso	P46	Top	B246-Wy+	-5.03	0.42	0.97	1920	4903	1920	4903	294.00	294.00	167.33	167.33	130.75	130.75	-1.30	SI
1 Piso	P46	Bottom	B246-Wy+	-8.44	0.42	0.97	1920	4904	1920	4904	294.00	294.00	167.37	167.37	130.78	130.78	0.01	SI
1 Piso	P46	Top	B246-Wy+	-5.03	0.42	0.97	1920	4905	1920	4905	294.00	294.00	167.40	167.40	130.81	130.81	-1.30	SI
1 Piso	P46	Bottom	B246-Wy+	-8.44	0.42	0.97	1920	4906	1920	4906	294.00	294.00	167.44	167.44	130.83	130.83	0.01	SI
1 Piso	P46	Top	B247-Ey+	-6.07	0.42	0.97	1920	4907	1920	4907	294.00	294.00	167.47	167.47	130.85	130.86	-1.30	SI
1 Piso	P46	Bottom	B247-Ey+	-10.14	0.42	0.97	1920	4908	1920	4908	294.00	294.00	167.51	167.51	130.88	130.88	0.01	SI
1 Piso	P46	Top	B247-Ey+	-3.84	0.42	0.97	1920	4909	1920	4909	294.00	294.00	167.54	167.54	130.91	130.91	-1.28	SI
1 Piso	P46	Bottom	B247-Ey+	-6.18	0.42	0.97	1920	4910	1920	4910	294.00	294.00	167.57	167.57	130.94	130.94	0.00	SI
1 Piso	P46	Top	B247-Ey+	-6.40	0.42	0.97	1920	4911	1920	4911	294.00	294.00	167.61	167.61	130.97	130.97	-1.30	SI
1 Piso	P46	Bottom	B247-Ey+	-11.99	0.42	0.97	1920	4912	1920	4912	294.00	294.00	167.64	167.64	130.99	130.99	0.01	SI
1 Piso	P46	Top	B247-Ey+	-3.90	0.42	0.97	1920	4913	1920	4913	294.00	294.00	167.68	167.68	131.02	131.02	-1.28	SI
1 Piso	P46	Bottom	B247-Ey+	-4.33	0.42	0.97	1920	4914	1920	4914	294.00	294.00	167.71	167.71	131.05	131.05	0.00	SI
1 Piso	P46	Top	B242-Gx	-7.38	0.42	0.97	1920	4915	1920	4915	294.00	294.00	167.75	167.75	131.07	131.07	-2.63	SI
1 Piso	P46	Bottom	B242-Gx	-12.16	0.42	0.97	1920	4916	1920	4916	294.00	294.00	167.78	167.78	131.10	131.10	0.01	SI
1 Piso	P46	Top	B243-Wy+ G	-7.25	0.42	0.97	1920	4917	1920	4917	294.00	294.00	167.82	167.82	131.13	131.13	-1.71	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	0.97	1920	4918	1920	4918	294.00	294.00	167.85	167.85	131.15	131.15	0.01	SI
1 Piso	P46	Top	B243-Wy+ G	-7.25	0.42	0.97	1920	4919	1920	4919	294.00	294.00	167.89	167.89	131.18	131.18	-1.71	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	0.97	1920	4920	1920	4920	294.00	294.00	167.92	167.92	131.21	131.21	0.01	SI
1 Piso	P46	Top	B243-Wy+ G	-7.25	0.42	0.97	1920	4921	1920	4921	294.00	294.00	167.96	167.96	131.23	131.23	-1.71	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	0.97	1920	4922	1920	4922	294.00	294.00	167.99	167.99	131.26	131.26	0.01	SI
1 Piso	P46	Top	B243-Wy+ G	-7.25	0.42	0.97	1920	4923	1920	4923	294.00	294.00	170.02	170.02	131.29	131.29	-1.71	SI
1 Piso	P46	Bottom	B243-Wy+ G	-12.16	0.42	0.97	1920	4924	1920	4924	294.00	294.00	170.05	170.06	131.31	131.31	0.01	SI
1 Piso	P46	Top	B244-Wx- G	-7.30	0.42	0.97	1920	4925	1920	4925	294.00	294.00	170.09	170.09	131.34	131.34	-2.28	SI
1 Piso	P46	Bottom	B244-Wx- G	-12.09	0.42	0.97	1920	4926	1920	4926	294.00	294.00	170.13	170.13	131.37	131.37	0.01	SI
1 Piso	P46	Top	B244-Wx- G	-7.30	0.42	0.97	1920	4927	1920	4927	294.00	294.00	170.16	170.16	131.39	131.39	-2.28	SI
1 Piso	P46	Bottom	B244-Wx- G	-12.09	0.42	0.97	1920	4928	1920	4928	294.00	294.00	170.20	170.20	131.42	131.42	0.01	SI
1 Piso	P46	Top	B244-Wy- G	-7.30	0.42	0.97	1920	4929	1920	4929	294.00	294.00	170.23	170.23	131.45	131.45	-2.28	SI
1 Piso	P46	Bottom	B244-Wy- G	-12.09	0.42	0.97	1920	4930	1920	4930	294.00	294.00	170.27	170.27	131.47	131.47	0.01	SI
1 Piso	P46	Top	B244-Wy- G	-7.30	0.42	0.97	1920	4931	1920	4931	294.00	294.00	170.30	170.30	131.50	131.50	-2.28	SI
1 Piso	P46	Bottom	B244-Wy- G	-12.09	0.42	0.97	1920	4932	1920	4932	294.00	294.00	170.33	170.33	131.53	131.53	0.01	SI

STORY	MURO	LOC.	COMB	P_u (ton)	A_{cv} (m²)	R_n	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
2 Piso	P46	Top	8243-Wx+	-0.80	0.34	0.84	1820	2825	1920	2828	294.00	294.00	97.70	97.70	73.56	73.56	-0.01	SI
2 Piso	P46	Bottom	8243-Wx+	-4.27	0.34	0.84	1920	2830	1920	2830	294.00	294.00	97.74	97.74	73.61	73.61	1.58	SI
2 Piso	P45	Top	8243-Wx-	-0.80	0.34	0.84	1920	2831	1920	2831	294.00	294.00	97.77	97.77	73.64	73.64	-0.01	SI
2 Piso	P45	Bottom	8243-Wx-	-4.27	0.34	0.84	1920	2832	1920	2832	294.00	294.00	97.81	97.81	73.66	73.66	1.58	SI
2 Piso	P45	Top	8243-Wy+	-0.80	0.34	0.84	1920	2833	1920	2833	294.00	294.00	97.84	97.84	73.69	73.69	-0.01	SI
2 Piso	P46	Bottom	8243-Wy+	-4.27	0.34	0.84	1920	2834	1920	2834	294.00	294.00	97.88	97.88	73.71	73.71	1.58	SI
2 Piso	P45	Top	8243-Wy-	-0.80	0.34	0.84	1920	2835	1920	2835	294.00	294.00	97.91	97.91	73.74	73.74	-0.01	SI
2 Piso	P46	Bottom	8243-Wy-	-4.27	0.34	0.84	1920	2836	1920	2836	294.00	294.00	97.95	97.95	73.77	73.77	1.58	SI
2 Piso	P45	Top	8244-Wx+	-0.73	0.34	0.84	1920	2837	1920	2837	294.00	294.00	97.98	97.98	73.79	73.79	0.02	SI
2 Piso	P46	Bottom	8244-Wx+	-4.04	0.34	0.84	1920	2838	1920	2838	294.00	294.00	98.01	98.01	73.82	73.82	2.05	SI
2 Piso	P45	Top	8244-Wx-	-0.73	0.34	0.84	1920	2839	1920	2839	294.00	294.00	98.05	98.05	73.84	73.84	0.02	SI
2 Piso	P46	Bottom	8244-Wx-	-4.04	0.34	0.84	1920	2840	1920	2840	294.00	294.00	98.08	98.08	73.87	73.87	2.05	SI
2 Piso	P45	Top	8244-Wy+	-0.73	0.34	0.84	1920	2841	1920	2841	294.00	294.00	98.12	98.12	73.90	73.90	0.02	SI
2 Piso	P46	Bottom	8244-Wy+	-4.04	0.34	0.84	1920	2842	1920	2842	294.00	294.00	98.15	98.15	73.93	73.93	2.05	SI
2 Piso	P45	Top	8244-Wy-	-0.73	0.34	0.84	1920	2843	1920	2843	294.00	294.00	98.19	98.19	73.96	73.96	0.02	SI
2 Piso	P46	Bottom	8244-Wy-	-4.04	0.34	0.84	1920	2844	1920	2844	294.00	294.00	98.22	98.22	73.97	73.97	2.05	SI
2 Piso	P45	Top	8245-Ex+	-0.50	0.34	0.84	1920	2845	1920	2845	294.00	294.00	98.26	98.26	74.00	74.00	0.06	SI
2 Piso	P46	Bottom	8245-Ex+	-4.38	0.34	0.84	1920	2846	1920	2846	294.00	294.00	98.29	98.29	74.03	74.03	1.84	SI
2 Piso	P45	Top	8245-Ex-	-0.71	0.34	0.84	1920	2847	1920	2847	294.00	294.00	98.33	98.33	74.06	74.06	0.01	SI
2 Piso	P46	Bottom	8245-Ex-	-3.27	0.34	0.84	1920	2848	1920	2848	294.00	294.00	98.36	98.36	74.09	74.09	2.15	SI
2 Piso	P45	Top	8245-Ey+	-0.02	0.34	0.84	1920	2849	1920	2849	294.00	294.00	98.39	98.39	74.10	74.10	0.02	SI
2 Piso	P46	Bottom	8245-Ey+	-5.02	0.34	0.84	1920	2850	1920	2850	294.00	294.00	98.43	98.43	74.13	74.13	3.07	SI
2 Piso	P45	Top	8245-Ey-	-0.28	0.34	0.84	1920	2851	1920	2851	294.00	294.00	98.45	98.45	74.15	74.15	0.05	SI
2 Piso	P46	Bottom	8245-Ey-	-2.83	0.34	0.84	1920	2852	1920	2852	294.00	294.00	98.50	98.50	74.18	74.18	2.27	SI
2 Piso	P45	Top	8246-Wx+	-0.56	0.34	0.84	1920	2853	1920	2853	294.00	294.00	98.53	98.53	74.21	74.21	0.00	SI
2 Piso	P46	Bottom	8246-Wx+	-3.14	0.34	0.84	1920	2854	1920	2854	294.00	294.00	98.57	98.57	74.23	74.23	1.19	SI
2 Piso	P45	Top	8246-Wx-	-0.56	0.34	0.84	1920	2855	1920	2855	294.00	294.00	98.60	98.60	74.26	74.26	0.00	SI
2 Piso	P46	Bottom	8246-Wx-	-3.14	0.34	0.84	1920	2856	1920	2856	294.00	294.00	98.64	98.64	74.29	74.29	1.19	SI
2 Piso	P45	Top	8246-Wy+	-0.56	0.34	0.84	1920	2857	1920	2857	294.00	294.00	98.67	98.67	74.31	74.31	0.00	SI
2 Piso	P46	Bottom	8246-Wy+	-3.14	0.34	0.84	1920	2858	1920	2858	294.00	294.00	98.71	98.71	74.34	74.34	1.19	SI
2 Piso	P45	Top	8246-Wy-	-0.55	0.34	0.84	1920	2859	1920	2859	294.00	294.00	98.74	98.74	74.36	74.36	0.00	SI
2 Piso	P46	Bottom	8246-Wy-	-3.14	0.34	0.84	1920	2860	1920	2860	294.00	294.00	98.77	98.77	74.39	74.39	1.19	SI
2 Piso	P45	Top	8247-Ex+	0.37	0.34	0.84	1920	2861	1920	2861	294.00	294.00	98.81	98.81	74.42	74.42	0.00	SI
2 Piso	P46	Bottom	8247-Ex+	3.55	0.34	0.84	1920	2862	1920	2862	294.00	294.00	98.84	98.84	74.44	74.44	1.08	SI
2 Piso	P45	Top	8247-Ex-	-0.55	0.34	0.84	1920	2863	1920	2863	294.00	294.00	98.88	98.88	74.47	74.47	-0.01	SI
2 Piso	P46	Bottom	8247-Ex-	2.43	0.34	0.84	1920	2864	1920	2864	294.00	294.00	98.91	98.91	74.49	74.49	1.29	SI
2 Piso	P45	Top	8247-Ey+	-0.80	0.34	0.84	1920	2865	1920	2865	294.00	294.00	98.95	98.95	74.52	74.52	0.00	SI
2 Piso	P46	Bottom	8247-Ey+	-4.18	0.34	0.84	1920	2866	1920	2866	294.00	294.00	98.98	98.98	74.55	74.55	1.21	SI
2 Piso	P45	Top	8247-Ey-	-0.16	0.34	0.84	1920	2867	1920	2867	294.00	294.00	99.02	99.02	74.57	74.57	0.02	SI
2 Piso	P46	Bottom	8247-Ey-	-1.80	0.34	0.84	1920	2868	1920	2868	294.00	294.00	99.05	99.05	74.60	74.60	1.10	SI
2 Piso	P45	Top	8242 Cı	-0.69	0.34	0.84	1920	2869	1920	2869	294.00	294.00	99.09	99.09	74.63	74.63	0.04	SI
2 Piso	P46	Bottom	8242 Cı	-3.92	0.34	0.84	1920	2870	1920	2870	294.00	294.00	99.12	99.12	74.65	74.65	2.39	SI
2 Piso	P45	Top	8243-Wx- G	1.03	0.34	0.84	1920	2871	1920	2871	294.00	294.00	99.15	99.15	74.68	74.68	-0.03	SI
2 Piso	P46	Bottom	8243-Wx- G	-4.65	0.34	0.84	1920	2872	1920	2872	294.00	294.00	99.19	99.19	74.70	74.70	1.61	SI
2 Piso	P45	Top	8243-Wy+ G	-1.03	0.34	0.84	1920	2873	1920	2873	294.00	294.00	99.22	99.22	74.73	74.73	-0.03	SI
2 Piso	P46	Bottom	8243-Wy+ G	-4.65	0.34	0.84	1920	2874	1920	2874	294.00	294.00	99.26	99.26	74.75	74.75	1.61	SI
2 Piso	P45	Top	8243-Wy- G	-1.03	0.34	0.84	1920	2875	1920	2875	294.00	294.00	99.29	99.29	74.78	74.78	-0.03	SI
2 Piso	P46	Bottom	8243-Wy- G	-4.65	0.34	0.84	1920	2876	1920	2876	294.00	294.00	99.33	99.33	74.81	74.81	1.61	SI
2 Piso	P45	Top	8244-Wx+ G	-1.00	0.34	0.84	1920	2877	1920	2877	294.00	294.00	99.36	99.36	74.83	74.83	-0.03	SI
2 Piso	P46	Bottom	8244-Wx+ G	-4.65	0.34	0.84	1920	2878	1920	2878	294.00	294.00	99.40	99.40	74.86	74.86	1.61	SI
2 Piso	P45	Top	8244-Wx- G	-0.80	0.34	0.84	1920	2879	1920	2879	294.00	294.00	99.43	99.43	74.89	74.89	0.01	SI
2 Piso	P46	Bottom	8244-Wx- G	-4.18	0.34	0.84	1920	2880	1920	2880	294.00	294.00	99.47	99.47	74.91	74.91	2.06	SI
2 Piso	P45	Top	8244-Wy+ G	-0.80	0.34	0.84	1920	2881	1920	2881	294.00	294.00	99.50	99.50	74.94	74.94	0.01	SI
2 Piso	P46	Bottom	8244-Wy+ G	-4.18	0.34	0.84	1920	2882	1920	2882	294.00	294.00	99.53	99.53	74.96	74.96	2.06	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Co... (m²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MZZ (ton-m)	Cumple
2 Piso	P48	Top	B244-Wy- G	0.80	0.34	0.94	1920	2883	1920	2883	294.00	294.00	99.57	99.57	74.92	74.90	0.01	SI
2 Piso	P46	Bottom	B244-Wy- G	-4.18	0.34	0.94	1920	2884	1920	2884	294.00	294.00	99.60	99.60	75.0	75.01	2.96	SI
2 Piso	P45	Top	B244-Wy+ G	0.80	0.34	0.94	1920	2885	1920	2885	294.00	294.00	99.64	99.64	75.04	75.04	0.01	SI
2 Piso	P45	Bottom	B244-Wy+ G	-4.15	0.34	0.94	1920	2886	1920	2886	294.00	294.00	99.67	99.67	75.07	75.07	2.94	SI
1 Piso	P1	Top	B241	-12.36	0.55	0.97	1920	2887	1920	2887	294.00	294.00	99.71	99.71	76.99	76.99	0.04	SI
1 Piso	P1	Bottom	B241	-18.46	0.55	0.97	1920	2888	1920	2888	294.00	294.00	99.74	99.74	77.02	77.02	0.00	SI
1 Piso	P1	Top	B242 Lou6	-14.13	0.55	0.97	1920	2889	1920	2889	294.00	294.00	99.78	99.78	77.04	77.04	0.00	SI
1 Piso	P1	Bottom	B242 Lou6	-20.29	0.55	0.97	1920	2890	1920	2890	294.00	294.00	99.81	99.81	77.07	77.07	0.00	SI
1 Piso	P1	Top	B243-Wx+ Lou5	-11.75	0.55	0.97	1920	2891	1920	2891	294.00	294.00	99.85	99.85	77.10	77.10	0.05	SI
1 Piso	P1	Bottom	B243-Wx+ Lou5	-17.05	0.55	0.97	1920	2892	1920	2892	294.00	294.00	99.88	99.88	77.12	77.12	0.00	SI
1 Piso	P1	Top	B243-Wx- Lou5	-11.75	0.55	0.97	1920	2893	1920	2893	294.00	294.00	99.91	99.91	77.15	77.15	0.05	SI
1 Piso	P1	Bottom	B243-Wx- Lou5	-17.05	0.55	0.97	1920	2894	1920	2894	294.00	294.00	99.95	99.95	77.18	77.18	0.00	SI
1 Piso	P1	Top	B243-Wy+ Lou5	-11.75	0.55	0.97	1920	2895	1920	2895	294.00	294.00	99.98	99.98	77.20	77.20	0.05	SI
1 Piso	P1	Bottom	B243-Wy+ Lou5	-17.05	0.55	0.97	1920	2896	1920	2896	294.00	294.00	100.02	100.02	77.23	77.23	0.00	SI
1 Piso	P1	Top	B243-Wy- Lou5	-11.75	0.55	0.97	1920	2897	1920	2897	294.00	294.00	100.05	100.05	77.26	77.26	0.05	SI
1 Piso	P1	Bottom	B243-Wy- Lou5	-17.05	0.55	0.97	1920	2898	1920	2898	294.00	294.00	100.09	100.09	77.28	77.28	0.00	SI
1 Piso	P1	Top	B244-Wx+ Lou5	-13.51	0.55	0.97	1920	2899	1920	2899	294.00	294.00	100.12	100.12	77.31	77.31	0.06	SI
1 Piso	P1	Bottom	B244-Wx+ Lou5	-19.27	0.55	0.97	1920	2900	1920	2900	294.00	294.00	100.16	100.16	77.34	77.34	0.00	SI
1 Piso	P1	Top	B244-Wx- Lou5	-13.51	0.55	0.97	1920	2901	1920	2901	294.00	294.00	100.19	100.19	77.36	77.36	0.06	SI
1 Piso	P1	Bottom	B244-Wx- Lou5	-19.27	0.55	0.97	1920	2902	1920	2902	294.00	294.00	100.23	100.23	77.39	77.39	0.00	SI
1 Piso	P1	Top	B244-Wy+ Lou5	-13.51	0.55	0.97	1920	2903	1920	2903	294.00	294.00	100.26	100.26	77.42	77.42	0.06	SI
1 Piso	P1	Bottom	B244-Wy+ Lou5	-19.27	0.55	0.97	1920	2904	1920	2904	294.00	294.00	100.29	100.29	77.44	77.44	0.00	SI
1 Piso	P1	Top	B244-Wy- Lou5	-13.51	0.55	0.97	1920	2905	1920	2905	294.00	294.00	100.33	100.33	77.47	77.47	0.06	SI
1 Piso	P1	Bottom	B244-Wy- Lou5	-19.27	0.55	0.97	1920	2906	1920	2906	294.00	294.00	100.36	100.36	77.50	77.50	0.00	SI
1 Piso	P1	Top	B245-Ex+	-11.88	0.55	0.97	1920	2907	1920	2907	294.00	294.00	100.40	100.40	77.52	77.52	0.03	SI
1 Piso	P1	Bottom	B245-Ex+	-17.54	0.55	0.97	1920	2908	1920	2908	294.00	294.00	100.43	100.43	77.55	77.55	0.00	SI
1 Piso	P1	Top	B245-Ex-	-12.39	0.55	0.97	1920	2909	1920	2909	294.00	294.00	100.47	100.47	77.58	77.58	0.05	SI
1 Piso	P1	Bottom	B245-Ex-	-15.32	0.55	0.97	1920	2910	1920	2910	294.00	294.00	100.50	100.50	77.60	77.60	0.00	SI
1 Piso	P1	Top	B245-Ey+	-12.72	0.55	0.97	1920	2911	1920	2911	294.00	294.00	100.54	100.54	77.63	77.63	0.13	SI
1 Piso	P1	Bottom	B245-Ey+	-17.01	0.55	0.97	1920	2912	1920	2912	294.00	294.00	100.57	100.57	77.66	77.66	0.00	SI
1 Piso	P1	Top	B245-Ey-	-12.59	0.55	0.97	1920	2913	1920	2913	294.00	294.00	100.61	100.61	77.68	77.68	-0.04	SI
1 Piso	P1	Bottom	B245-Ey-	-18.65	0.55	0.97	1920	2914	1920	2914	294.00	294.00	100.64	100.64	77.71	77.71	0.00	SI
1 Piso	P1	Top	B246-Wx+	8.56	0.55	0.97	1920	2915	1920	2915	294.00	294.00	100.67	100.67	77.74	77.74	0.03	SI
1 Piso	P1	Bottom	B246-Wx+	-12.51	0.55	0.97	1920	2916	1920	2916	294.00	294.00	100.71	100.71	77.76	77.76	0.00	SI
1 Piso	P1	Top	B246-Wx-	8.55	0.55	0.97	1920	2917	1920	2917	294.00	294.00	100.74	100.74	77.79	77.79	0.03	SI
1 Piso	P1	Bottom	B246-Wx-	-12.51	0.55	0.97	1920	2918	1920	2918	294.00	294.00	100.78	100.78	77.82	77.82	0.00	SI
1 Piso	P1	Top	B246-Wy+	8.55	0.55	0.97	1920	2919	1920	2919	294.00	294.00	100.81	100.81	77.84	77.84	0.03	SI
1 Piso	P1	Bottom	B246-Wy+	-12.51	0.55	0.97	1920	2920	1920	2920	294.00	294.00	100.85	100.85	77.87	77.87	0.00	SI
1 Piso	P1	Top	B246-Wy-	8.55	0.55	0.97	1920	2921	1920	2921	294.00	294.00	100.88	100.88	77.90	77.90	0.03	SI
1 Piso	P1	Bottom	B246-Wy-	-12.51	0.55	0.97	1920	2922	1920	2922	294.00	294.00	100.92	100.92	77.92	77.92	0.00	SI
1 Piso	P1	Top	B247-Ex+	-7.90	0.55	0.97	1920	2923	1920	2923	294.00	294.00	100.95	100.95	77.95	77.95	0.01	SI
1 Piso	P1	Bottom	B247-Ex+	-10.96	0.55	0.97	1920	2924	1920	2924	294.00	294.00	100.98	100.98	77.98	77.98	0.00	SI
1 Piso	P1	Top	B247-Ex-	-8.70	0.55	0.97	1920	2925	1920	2925	294.00	294.00	101.02	101.02	78.00	78.00	0.04	SI
1 Piso	P1	Bottom	B247-Ex-	-12.74	0.55	0.97	1920	2926	1920	2926	294.00	294.00	101.05	101.06	78.03	78.03	0.00	SI
1 Piso	P1	Top	B247-Ey+	8.03	0.55	0.97	1920	2927	1920	2927	294.00	294.00	101.09	101.09	78.06	78.06	0.11	SI
1 Piso	P1	Bottom	B247-Ey+	-10.49	0.55	0.97	1920	2928	1920	2928	294.00	294.00	101.12	101.12	78.08	78.08	0.00	SI
1 Piso	P1	Top	B247-Ey-	-7.57	0.55	0.97	1920	2929	1920	2929	294.00	294.00	101.16	101.16	78.11	78.11	-0.06	SI
1 Piso	P1	Bottom	B247-Ey-	-13.28	0.55	0.97	1920	2930	1920	2930	294.00	294.00	101.19	101.19	78.14	78.14	0.00	SI
1 Piso	P1	Top	B242 Co	-10.62	0.55	0.97	1920	2931	1920	2931	294.00	294.00	101.23	101.23	78.16	78.16	0.07	SI
1 Piso	P1	Bottom	B242 Co	-20.82	0.55	0.97	1920	2932	1920	2932	294.00	294.00	101.26	101.26	78.19	78.19	0.00	SI
1 Piso	P1	Top	B243-Wx- G	-13.59	0.55	0.97	1920	2933	1920	2933	294.00	294.00	101.30	101.30	78.22	78.22	0.08	SI
1 Piso	P1	Bottom	B243-Wx- G	-18.75	0.55	0.97	1920	2934	1920	2934	294.00	294.00	101.33	101.33	78.24	78.24	0.00	SI
1 Piso	P1	Top	B243-Wy- G	-13.32	0.55	0.97	1920	2935	1920	2935	294.00	294.00	101.36	101.36	78.27	78.27	0.06	SI
1 Piso	P1	Bottom	B243-Wy- G	-18.75	0.55	0.97	1920	2936	1920	2936	294.00	294.00	101.40	101.40	78.30	78.30	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec (m²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mg2 (ton-m)	Cumple
1 Piso	P1	Top	B143-Wx+ G	-13.32	0.55	0.81	1920	2937	1920	2937	294.00	294.00	101.41	101.41	78.31	78.32	0.08	SI
1 Piso	P1	Bottom	B143-Wx+ G	-18.75	0.55	0.81	1920	2938	1920	2938	294.00	294.00	101.47	101.47	78.36	78.36	0.00	SI
1 Piso	P1	Top	B143-Wx+ G	-13.32	0.55	0.81	1920	2938	1920	2938	294.00	294.00	101.50	101.50	78.38	78.38	0.08	SI
1 Piso	P1	Bottom	B143-Wx+ G	-18.75	0.55	0.81	1920	2940	1920	2940	294.00	294.00	101.64	101.64	78.48	78.48	0.00	SI
1 Piso	P1	Top	B144-Wx- G	-14.00	0.55	0.81	1920	2941	1920	2941	294.00	294.00	101.57	101.57	78.43	78.43	0.07	SI
1 Piso	P1	Bottom	B144-Wx- G	-18.90	0.55	0.81	1920	2942	1920	2942	294.00	294.00	101.61	101.61	78.46	78.46	0.00	SI
1 Piso	P1	Top	B144-Wx- G	-14.00	0.55	0.81	1920	2943	1920	2943	294.00	294.00	101.64	101.64	78.48	78.48	0.07	SI
1 Piso	P1	Bottom	B144-Wx- G	-18.90	0.55	0.81	1920	2944	1920	2944	294.00	294.00	101.68	101.68	78.51	78.51	0.00	SI
1 Piso	P1	Top	B144-Wy- G	-14.00	0.55	0.81	1920	2945	1920	2945	294.00	294.00	101.71	101.71	78.54	78.54	0.07	SI
1 Piso	P1	Bottom	B144-Wy- G	-18.90	0.55	0.81	1920	2946	1920	2946	294.00	294.00	101.74	101.74	78.56	78.56	0.00	SI
1 Piso	P1	Top	B144-Wy- G	-14.00	0.55	0.81	1920	2947	1920	2947	294.00	294.00	101.78	101.78	78.59	78.59	0.07	SI
1 Piso	P1	Bottom	B144-Wy- G	-18.90	0.55	0.81	1920	2948	1920	2948	294.00	294.00	101.81	101.81	78.62	78.62	0.00	SI
1 Piso	P1	Top	B241	-17.66	1.29	0.81	2880	2949	2880	2949	294.00	294.00	152.77	152.77	117.87	117.87	-8.72	SI
1 Piso	P1	Bottom	B241	-48.23	1.29	0.81	2880	2950	2880	2950	294.00	294.00	152.82	152.82	118.01	118.01	0.00	SI
1 Piso	P2	Top	B242 Lcub	-50.32	1.29	0.81	2880	2951	2880	2951	294.00	294.00	152.69	152.69	118.05	118.05	-13.26	SI
1 Piso	P1	Bottom	B242 Lcub	-57.20	1.29	0.81	2880	2952	2880	2952	294.00	294.00	152.93	152.93	118.09	118.09	0.00	SI
1 Piso	P1	Top	B243-Wx+ Lcub	-34.07	1.29	0.81	2880	2953	2880	2953	294.00	294.00	152.98	152.98	118.13	118.13	-5.63	SI
1 Piso	P1	Bottom	B243-Wx+ Lcub	-41.40	1.29	0.81	2880	2954	2880	2954	294.00	294.00	153.03	153.03	118.17	118.17	0.00	SI
1 Piso	P1	Top	B243-Wx+ Lcub	-34.07	1.29	0.81	2880	2955	2880	2955	294.00	294.00	153.08	153.08	118.21	118.21	-5.63	SI
1 Piso	P1	Bottom	B243-Wx+ Lcub	-41.40	1.29	0.81	2880	2956	2880	2956	294.00	294.00	153.14	153.14	118.25	118.25	0.00	SI
1 Piso	P1	Top	B243-Wy+ Lcub	-34.07	1.29	0.81	2880	2957	2880	2957	294.00	294.00	153.19	153.19	118.29	118.29	-5.64	SI
1 Piso	P1	Bottom	B243-Wy+ Lcub	-41.40	1.29	0.81	2880	2958	2880	2958	294.00	294.00	153.24	153.24	118.33	118.33	0.00	SI
1 Piso	P1	Top	B243-Wy+ Lcub	-34.07	1.29	0.81	2880	2959	2880	2959	294.00	294.00	153.29	153.29	118.37	118.37	-5.63	SI
1 Piso	P1	Bottom	B243-Wy+ Lcub	-41.40	1.29	0.81	2880	2960	2880	2960	294.00	294.00	153.34	153.34	118.41	118.41	0.00	SI
1 Piso	P1	Top	B244-Wx+ Lcub	-44.65	1.29	0.81	2880	2961	2880	2961	294.00	294.00	153.39	153.39	118.45	118.45	-10.36	SI
1 Piso	P1	Bottom	B244-Wx+ Lcub	-51.59	1.29	0.81	2880	2962	2880	2962	294.00	294.00	153.45	153.45	118.49	118.49	0.00	SI
1 Piso	P1	Top	B244-Wx+ Lcub	-44.65	1.29	0.81	2880	2963	2880	2963	294.00	294.00	153.50	153.50	118.53	118.53	-10.36	SI
1 Piso	P1	Bottom	B244-Wx+ Lcub	-51.59	1.29	0.81	2880	2964	2880	2964	294.00	294.00	153.55	153.55	118.57	118.57	0.00	SI
1 Piso	P1	Top	B244-Wy+ Lcub	-44.65	1.29	0.81	2880	2965	2880	2965	294.00	294.00	153.60	153.60	118.61	118.61	-10.36	SI
1 Piso	P1	Bottom	B244-Wy+ Lcub	-51.59	1.29	0.81	2880	2966	2880	2966	294.00	294.00	153.65	153.65	118.65	118.65	0.00	SI
1 Piso	P1	Top	B244-Wy+ Lcub	-44.65	1.29	0.81	2880	2967	2880	2967	294.00	294.00	153.70	153.70	118.69	118.69	-10.36	SI
1 Piso	P1	Bottom	B244-Wy+ Lcub	-51.59	1.29	0.81	2880	2968	2880	2968	294.00	294.00	153.76	153.76	118.73	118.73	0.00	SI
1 Piso	P1	Top	B245-Ex+	-42.50	1.29	0.81	2880	2969	2880	2969	294.00	294.00	153.81	153.81	118.77	118.77	-10.36	SI
1 Piso	P1	Bottom	B245-Ex+	-49.80	1.29	0.81	2880	2970	2880	2970	294.00	294.00	153.86	153.86	118.81	118.81	0.00	SI
1 Piso	P1	Top	B245-Ex-	-44.10	1.29	0.81	2880	2971	2880	2971	294.00	294.00	153.51	153.51	118.65	118.65	-10.36	SI
1 Piso	P1	Bottom	B245-Ex-	-50.91	1.29	0.81	2880	2972	2880	2972	294.00	294.00	153.91	153.91	118.88	118.88	0.00	SI
1 Piso	P2	Top	B245-Ey+	-43.14	1.29	0.81	2880	2973	2880	2973	294.00	294.00	154.02	154.02	118.96	118.93	-10.44	SI
1 Piso	P1	Bottom	B245-Ey+	-50.16	1.29	0.81	2880	2974	2880	2974	294.00	294.00	154.07	154.07	118.97	118.97	0.00	SI
1 Piso	P1	Top	B245-Ex-	-43.46	1.29	0.81	2880	2975	2880	2975	294.00	294.00	154.12	154.12	119.01	119.01	-10.47	SI
1 Piso	P1	Bottom	B245-Ex-	-50.65	1.29	0.81	2880	2976	2880	2976	294.00	294.00	154.17	154.17	119.05	119.05	0.00	SI
1 Piso	P1	Top	B246-Wx+	-26.15	1.29	0.81	2880	2977	2880	2977	294.00	294.00	154.22	154.22	119.09	119.09	-4.25	SI
1 Piso	P2	Bottom	B246-Wx+	-30.65	1.29	0.81	2880	2978	2880	2978	294.00	294.00	154.27	154.27	119.13	119.13	0.00	SI
1 Piso	P1	Top	B246-Wx-	-26.15	1.29	0.81	2880	2978	2880	2979	294.00	294.00	154.33	154.33	119.17	119.17	-4.25	SI
1 Piso	P2	Bottom	B246-Wx-	-30.65	1.29	0.81	2880	2980	2880	2980	294.00	294.00	154.38	154.38	119.21	119.21	0.00	SI
1 Piso	P2	Top	B246-Wx+	-26.15	1.29	0.81	2880	2981	2880	2981	294.00	294.00	154.43	154.43	119.25	119.25	-4.25	SI
1 Piso	P2	Bottom	B246-Wx+	-30.65	1.29	0.81	2880	2982	2880	2982	294.00	294.00	154.48	154.48	119.29	119.29	0.00	SI
1 Piso	P2	Top	B246-Wy-	-26.15	1.29	0.81	2880	2983	2880	2983	294.00	294.00	154.53	154.53	119.33	119.33	-4.25	SI
1 Piso	P2	Bottom	B246-Wy-	-30.65	1.29	0.81	2880	2984	2880	2984	294.00	294.00	154.59	154.59	119.37	119.37	0.00	SI
1 Piso	P2	Top	B247-Ex+	-20.41	1.29	0.81	2880	2985	2880	2985	294.00	294.00	154.64	154.64	119.41	119.41	-4.21	SI
1 Piso	P2	Bottom	B247-Ex+	-25.17	1.29	0.81	2880	2986	2880	2986	294.00	294.00	154.69	154.69	119.45	119.45	0.00	SI
1 Piso	P2	Top	B247-Ex-	-25.01	1.29	0.81	2880	2987	2880	2987	294.00	294.00	154.74	154.74	119.49	119.49	-4.43	SI
1 Piso	P2	Bottom	B247-Ex-	-30.27	1.29	0.81	2880	2988	2880	2988	294.00	294.00	154.79	154.79	119.53	119.53	0.00	SI
1 Piso	P2	Top	B247-Ey+	-24.05	1.29	0.81	2880	2989	2880	2989	294.00	294.00	154.84	154.84	119.57	119.57	-4.30	SI
1 Piso	P2	Bottom	B247-Ey+	-29.52	1.29	0.81	2880	2990	2880	2990	294.00	294.00	154.90	154.90	119.61	119.61	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ac. (m²)	RL	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
1 Piso	P2	Top	B243-Wx+ G	-24.37	1.29	0.87	2880	2961	2880	2891	294.00	294.00	194.85	194.85	119.85	119.85	-4.39	SI
1 Piso	P2	Bottom	B247-E+	-29.02	1.29	0.87	2880	2902	2880	2902	294.00	294.00	195.00	195.00	119.69	119.69	0.00	SI
1 Piso	P2	Top	B242 G	-51.09	1.29	0.87	2880	2883	2880	2883	294.00	294.00	195.05	195.05	119.73	119.73	-13.14	SI
1 Piso	P2	Bottom	B242 G	-57.96	1.29	0.87	2880	2904	2880	2904	294.00	294.00	195.10	195.10	119.77	119.77	0.00	SI
1 Piso	P2	Top	B243-Wx- G	-38.51	1.29	0.87	2880	2895	2880	2895	294.00	294.00	195.10	195.10	119.81	119.81	-6.46	SI
1 Piso	P2	Bottom	B243-Wx- G	-43.82	1.29	0.87	2880	2896	2880	2896	294.00	294.00	195.21	195.21	119.85	119.85	0.00	SI
1 Piso	P2	Top	B243-Wy- G	-36.51	1.29	0.87	2880	2897	2880	2907	294.00	294.00	195.26	195.26	119.89	119.89	-5.46	SI
1 Piso	P2	Bottom	B243-Wy- G	-43.82	1.29	0.87	2880	2898	2880	2898	294.00	294.00	195.31	195.31	119.93	119.93	0.00	SI
1 Piso	P2	Top	B143-Wx+ G	-36.51	1.29	0.87	2880	2899	2880	2899	294.00	294.00	195.36	195.36	119.97	119.97	-5.46	SI
1 Piso	P2	Bottom	B143-Wx+ G	-43.82	1.29	0.87	2880	3000	2880	3000	294.00	294.00	195.41	195.41	120.01	120.01	0.00	SI
1 Piso	P2	Top	B143-Wy+ G	-36.51	1.29	0.87	2880	3001	2880	3001	294.00	294.00	195.47	195.47	120.05	120.05	-5.46	SI
1 Piso	P2	Bottom	B143-Wy+ G	-43.82	1.29	0.87	2880	3002	2880	3002	294.00	294.00	195.52	195.52	120.09	120.09	0.00	SI
1 Piso	P2	Top	B244-Wx- G	-45.42	1.29	0.87	2880	3003	2880	3003	294.00	294.00	195.57	195.57	120.13	120.13	-10.30	SI
1 Piso	P2	Bottom	B244-Wx- G	-52.46	1.29	0.87	2880	3004	2880	3004	294.00	294.00	195.62	195.62	120.17	120.17	0.00	SI
1 Piso	P2	Top	B144-Wx+ G	-45.42	1.29	0.87	2880	3005	2880	3005	294.00	294.00	195.67	195.67	120.21	120.21	-10.30	SI
1 Piso	P2	Bottom	B144-Wx+ G	-52.46	1.29	0.87	2880	3006	2880	3006	294.00	294.00	195.73	195.73	120.25	120.25	0.00	SI
1 Piso	P2	Top	B244-Wy- G	-45.42	1.29	0.87	2880	3007	2880	3007	294.00	294.00	195.78	195.78	120.29	120.29	-10.30	SI
1 Piso	P2	Bottom	B244-Wy- G	-52.46	1.29	0.87	2880	3008	2880	3008	294.00	294.00	195.83	195.83	120.33	120.33	0.00	SI
1 Piso	P2	Top	B144-Wy+ G	-45.42	1.29	0.87	2880	3009	2880	3009	294.00	294.00	195.88	195.88	120.37	120.37	-10.30	SI
1 Piso	P2	Bottom	B144-Wy+ G	-52.46	1.29	0.87	2880	3010	2880	3010	294.00	294.00	195.93	195.93	120.41	120.41	0.00	SI
1 Piso	P1	Top	B241	-58.70	2.62	0.87	4800	3011	4800	3011	294.00	294.00	255.07	255.07	220.74	220.74	-11.14	SI
1 Piso	P1	Bottom	B241	-68.69	2.62	0.87	4800	3012	4800	3012	294.00	294.00	260.06	260.06	220.81	220.81	0.00	SI
1 Piso	P1	Top	B242 Lcub	-87.01	2.62	0.87	4800	3013	4800	3013	294.00	294.00	260.15	260.15	220.89	220.89	-23.82	SI
1 Piso	P1	Bottom	B242 Lcub	-104.78	2.62	0.87	4800	3014	4800	3014	294.00	294.00	260.23	260.23	220.94	220.94	0.00	SI
1 Piso	P1	Top	B243-Wx+ Lcub	-83.31	2.62	0.87	4800	3015	4800	3015	294.00	294.00	260.31	260.32	201.01	201.01	-9.27	SI
1 Piso	P1	Bottom	B243-Wx+ Lcub	-80.35	2.62	0.87	4800	3016	4800	3016	294.00	294.00	260.41	260.41	201.08	201.08	0.00	SI
1 Piso	P1	Top	B243-Wx- Lcub	-83.31	2.62	0.87	4800	3017	4800	3017	294.00	294.00	260.49	260.49	201.14	201.14	-9.27	SI
1 Piso	P1	Bottom	B243-Wx- Lcub	-80.35	2.62	0.87	4800	3018	4800	3018	294.00	294.00	260.58	260.58	201.21	201.21	0.00	SI
1 Piso	P1	Top	B243-Wy+ Lcub	-83.31	2.62	0.87	4800	3019	4800	3019	294.00	294.00	260.66	260.66	201.28	201.28	-9.27	SI
1 Piso	P1	Bottom	B243-Wy+ Lcub	-80.35	2.62	0.87	4800	3020	4800	3020	294.00	294.00	260.75	260.75	201.34	201.34	0.00	SI
1 Piso	P1	Top	B243-Wy- Lcub	-83.31	2.62	0.87	4800	3021	4800	3021	294.00	294.00	260.84	260.84	201.41	201.41	-9.27	SI
1 Piso	P1	Bottom	B243-Wy- Lcub	-80.35	2.62	0.87	4800	3022	4800	3022	294.00	294.00	260.92	260.92	201.48	201.48	0.00	SI
1 Piso	P1	Top	B244-Wx+ Lcub	-79.17	2.62	0.87	4800	3023	4800	3023	294.00	294.00	261.01	261.01	201.54	201.54	-18.30	SI
1 Piso	P1	Bottom	B244-Wx+ Lcub	-96.65	2.62	0.87	4800	3024	4800	3024	294.00	294.00	261.10	261.10	201.61	201.61	0.00	SI
1 Piso	P1	Top	B244-Wx- Lcub	-79.17	2.62	0.87	4800	3025	4800	3025	294.00	294.00	261.15	261.15	201.65	201.65	-18.30	SI
1 Piso	P1	Bottom	B244-Wx- Lcub	-96.65	2.62	0.87	4800	3026	4800	3026	294.00	294.00	261.27	261.27	201.74	201.74	0.00	SI
1 Piso	P1	Top	B244-Wy+ Lcub	-79.17	2.62	0.87	4800	3027	4800	3027	294.00	294.00	261.36	261.36	201.81	201.81	-18.30	SI
1 Piso	P1	Bottom	B244-Wy+ Lcub	-96.65	2.62	0.87	4800	3028	4800	3028	294.00	294.00	261.44	261.44	201.88	201.88	0.00	SI
1 Piso	P1	Top	B244-Wy- Lcub	-79.17	2.62	0.87	4800	3029	4800	3029	294.00	294.00	261.53	261.53	201.94	201.94	-18.30	SI
1 Piso	P1	Bottom	B244-Wy- Lcub	-96.65	2.62	0.87	4800	3030	4800	3030	294.00	294.00	261.61	261.61	202.01	202.01	0.00	SI
1 Piso	P1	Top	B245-E+	-74.32	2.62	0.87	4800	3031	4800	3031	294.00	294.00	261.70	261.70	202.08	202.08	-19.65	SI
1 Piso	P1	Bottom	B245-E+	-92.66	2.62	0.87	4800	3032	4800	3032	294.00	294.00	261.79	261.79	202.14	202.14	0.00	SI
1 Piso	P1	Top	B245-E-	-77.04	2.62	0.87	4800	3033	4800	3033	294.00	294.00	261.87	261.87	202.21	202.21	-17.03	SI
1 Piso	P1	Bottom	B245-E-	-94.07	2.62	0.87	4800	3034	4800	3034	294.00	294.00	261.96	261.96	202.28	202.28	0.00	SI
1 Piso	P1	Top	B245-Ey+	-75.65	2.62	0.87	4800	3035	4800	3035	294.00	294.00	262.05	262.05	202.34	202.34	-19.51	SI
1 Piso	P1	Bottom	B245-Ey+	-93.37	2.62	0.87	4800	3036	4800	3036	294.00	294.00	262.13	262.13	202.41	202.41	0.00	SI
1 Piso	P1	Top	B245-Ey-	-75.65	2.62	0.87	4800	3037	4800	3037	294.00	294.00	262.22	262.22	202.45	202.48	-19.51	SI
1 Piso	P1	Bottom	B245-Ey-	-93.37	2.62	0.87	4800	3038	4800	3038	294.00	294.00	262.31	262.31	202.54	202.54	0.00	SI
1 Piso	P1	Top	B246-Wx+	-46.49	2.62	0.87	4800	3039	4800	3039	294.00	294.00	262.39	262.39	202.61	202.61	-7.02	SI
1 Piso	P1	Bottom	B246-Wx+	-56.28	2.62	0.87	4800	3040	4800	3040	294.00	294.00	262.48	262.48	202.68	202.68	0.00	SI
1 Piso	P1	Top	B246-Wx-	-46.49	2.62	0.87	4800	3041	4800	3041	294.00	294.00	262.59	262.59	202.74	202.74	-7.02	SI
1 Piso	P1	Bottom	B246-Wx-	-56.28	2.62	0.87	4800	3042	4800	3042	294.00	294.00	262.68	262.68	202.81	202.81	0.00	SI
1 Piso	P1	Top	B246-Wy+	-46.49	2.62	0.87	4800	3043	4800	3043	294.00	294.00	262.74	262.74	202.85	202.88	-7.02	SI
1 Piso	P1	Bottom	B246-Wy+	-56.28	2.62	0.87	4800	3044	4800	3044	294.00	294.00	262.82	262.82	202.94	202.94	0.00	SI

STORY	MURO	LOC.	COMB	P u (ton)	Area sec. (m²)	R_n	As ext (mm²)	fy ext (MPa)	As int (mm²)	fy int (MPa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MDE (ton-m)	Cumple
1 Piso	P3	Top	B248-Wx-	-46.48	2.62	0.97	4800	3045	4800	3045	294.00	294.00	282.91	282.91	223.01	209.01	-7.02	SI
1 Piso	P3	Bottom	B248-Wx-	-59.20	2.62	0.97	4800	3046	4800	3046	294.00	294.00	283.00	283.00	223.09	209.08	0.00	SI
1 Piso	P3	Top	B247-Ex+	-42.85	2.62	0.97	4800	3047	4800	3047	294.00	294.00	283.08	283.08	223.16	209.14	-8.30	SI
1 Piso	P3	Bottom	B247-Ex+	-56.92	2.62	0.97	4800	3048	4800	3048	294.00	294.00	283.17	283.17	223.21	209.21	0.00	SI
1 Piso	P3	Top	B247-Ex-	-45.66	2.62	0.97	4800	3049	4800	3049	294.00	294.00	283.25	283.25	223.29	209.28	-6.02	SI
1 Piso	P3	Bottom	B247-Ex-	-57.71	2.62	0.97	4800	3050	4800	3050	294.00	294.00	283.34	283.34	223.34	209.34	0.00	SI
1 Piso	P3	Top	B247-Ex+	-44.19	2.62	0.97	4800	3051	4800	3051	294.00	294.00	283.43	283.43	223.41	209.41	-7.16	SI
1 Piso	P3	Bottom	B247-Ex+	-57.01	2.62	0.97	4800	3052	4800	3052	294.00	294.00	283.51	283.51	223.46	209.46	0.00	SI
1 Piso	P3	Top	B247-Ex-	-44.14	2.62	0.97	4800	3053	4800	3053	294.00	294.00	283.60	283.60	223.54	209.54	-7.16	SI
1 Piso	P3	Bottom	B247-Ex-	-57.02	2.62	0.97	4800	3054	4800	3054	294.00	294.00	283.68	283.68	223.61	209.61	0.00	SI
1 Piso	P3	Top	B242 C	-62.90	2.62	0.97	4800	3055	4800	3055	294.00	294.00	283.77	283.77	223.68	209.68	-23.71	SI
1 Piso	P3	Bottom	B242 C	-76.63	2.62	0.97	4800	3056	4800	3056	294.00	294.00	283.86	283.86	223.74	209.74	0.00	SI
1 Piso	P3	Top	B243-Wx- G	-56.36	2.62	0.97	4800	3057	4800	3057	294.00	294.00	283.95	283.95	223.81	209.81	-8.90	SI
1 Piso	P3	Bottom	B243-Wx- G	-68.26	2.62	0.97	4800	3058	4800	3058	294.00	294.00	284.05	284.00	223.89	209.80	0.00	SI
1 Piso	P3	Top	B243-Wx+ G	-58.36	2.62	0.51	4800	3059	4500	3059	294.00	294.00	264.13	264.12	203.94	203.94	-5.90	SI
1 Piso	P3	Bottom	B243-Wx- G	-66.26	2.62	0.97	4800	3060	4500	3060	294.00	294.00	264.20	264.20	204.01	204.01	0.00	SI
1 Piso	P3	Top	B243-Wx+ G	-58.36	2.62	0.81	4800	3061	4500	3061	294.00	294.00	264.29	264.29	204.09	204.08	-6.90	SI
1 Piso	P3	Bottom	B243-Wx+ G	-66.26	2.62	0.97	4800	3062	4800	3062	294.00	294.00	264.38	264.38	204.14	204.14	0.00	SI
1 Piso	P3	Top	B243-Wx+ G	-59.96	2.62	0.97	4800	3063	4800	3063	294.00	294.00	264.46	264.46	204.21	204.21	-6.80	SI
1 Piso	P3	Bottom	B243-Wx+ G	-66.26	2.62	0.97	4800	3064	4800	3064	294.00	294.00	264.55	264.55	204.28	204.28	0.00	SI
1 Piso	P3	Top	B244-Wx- G	-81.06	2.62	0.97	4800	3065	4800	3065	294.00	294.00	264.64	264.64	204.34	204.34	-18.15	SI
1 Piso	P3	Bottom	B244-Wx- G	-98.50	2.62	0.97	4800	3066	4800	3066	294.00	294.00	264.72	264.71	204.41	204.41	0.00	SI
1 Piso	P3	Top	B244-Wx+ G	-81.06	2.62	0.97	4800	3067	4800	3067	294.00	294.00	264.81	264.81	204.48	204.48	-18.15	SI
1 Piso	P3	Bottom	B244-Wx+ G	-98.50	2.62	0.97	4800	3068	4800	3068	294.00	294.00	264.90	264.90	204.54	204.54	0.00	SI
1 Piso	P3	Top	B244-Wx- G	-81.06	2.62	0.97	4800	3069	4800	3069	294.00	294.00	264.98	264.98	204.61	204.61	-18.15	SI
1 Piso	P3	Bottom	B244-Wx- G	-98.50	2.62	0.97	4800	3070	4800	3070	294.00	294.00	265.07	265.07	204.68	204.68	0.00	SI
1 Piso	P3	Top	B244-Wx+ G	-81.06	2.62	0.97	4800	3071	4800	3071	294.00	294.00	265.15	265.15	204.74	204.74	-18.15	SI
1 Piso	P3	Bottom	B244-Wx+ G	-98.50	2.62	0.97	4800	3072	4800	3072	294.00	294.00	265.24	265.24	204.81	204.81	0.00	SI
1 Piso	P3	Top	B241	-38.28	1.34	0.87	2880	3073	2880	3073	294.00	294.00	159.28	158.30	122.91	122.83	-5.92	SI
1 Piso	P3	Bottom	B241	-47.10	1.34	0.97	2880	3074	2880	3074	294.00	294.00	159.25	159.25	122.97	122.97	0.00	SI
1 Piso	P3	Top	B242 Loub	-42.09	1.34	0.97	2880	3075	2880	3075	294.00	294.00	159.31	158.30	123.01	122.91	-8.62	SI
1 Piso	P3	Bottom	B242 Loub	-48.63	1.34	0.97	2880	3076	2880	3076	294.00	294.00	159.35	159.35	123.05	122.95	0.00	SI
1 Piso	P3	Top	B243-Wx+ Loub	-34.74	1.34	0.87	2880	3077	2880	3077	294.00	294.00	159.40	158.40	123.09	122.99	-5.61	SI
1 Piso	P3	Bottom	B243-Wx+ Loub	-42.25	1.34	0.97	2880	3078	2880	3078	294.00	294.00	159.46	159.46	123.13	123.13	0.00	SI
1 Piso	P3	Top	B243-Wx- Loub	-34.74	1.34	0.97	2880	3079	2880	3079	294.00	294.00	159.51	158.51	123.17	123.17	-5.61	SI
1 Piso	P3	Bottom	B243-Wx- Loub	-42.25	1.34	0.97	2880	3080	2880	3080	294.00	294.00	159.56	158.56	123.21	123.21	0.00	SI
1 Piso	P3	Top	B243-Wx+ Loub	-34.74	1.34	0.96	2880	3081	2880	3081	294.00	294.00	159.61	159.61	123.25	123.25	-5.61	SI
1 Piso	P3	Bottom	B243-Wx+ Loub	-42.25	1.34	0.97	2880	3082	2880	3082	294.00	294.00	159.66	159.66	123.29	123.29	0.00	SI
1 Piso	P3	Top	B243-Wx- Loub	-34.74	1.34	0.97	2880	3083	2880	3083	294.00	294.00	159.71	158.71	123.33	123.33	-5.61	SI
1 Piso	P3	Bottom	B243-Wx- Loub	-42.25	1.34	0.97	2880	3084	2880	3084	294.00	294.00	159.77	159.77	123.37	123.37	0.00	SI
1 Piso	P3	Top	B244-Wx+ Loub	-39.79	1.34	0.97	2880	3085	2880	3085	294.00	294.00	158.82	158.82	123.41	123.41	-8.04	SI
1 Piso	P3	Bottom	B244-Wx+ Loub	-47.44	1.34	0.81	2890	3086	2880	3086	294.00	294.00	159.87	159.87	123.45	123.45	0.00	SI
1 Piso	P3	Top	B244-Wx- Loub	-39.79	1.34	0.97	2890	3087	2880	3087	294.00	294.00	159.92	159.92	123.49	123.49	-8.04	SI
1 Piso	P3	Bottom	B244-Wx- Loub	-47.44	1.34	0.97	2890	3088	2880	3088	294.00	294.00	159.97	159.97	123.53	123.53	0.00	SI
1 Piso	P3	Top	B244-Wx+ Loub	-39.79	1.34	0.97	2890	3089	2880	3089	294.00	294.00	160.03	160.03	123.57	123.57	-8.04	SI
1 Piso	P3	Bottom	B244-Wx+ Loub	-47.44	1.34	0.97	2890	3090	2880	3090	294.00	294.00	160.08	160.08	123.61	123.61	0.00	SI
1 Piso	P3	Top	B244-Wx- Loub	-39.79	1.34	0.97	2890	3091	2880	3091	294.00	294.00	160.13	160.13	123.65	123.65	-8.04	SI
1 Piso	P3	Bottom	B244-Wx- Loub	-47.44	1.34	0.97	2890	3092	2880	3092	294.00	294.00	160.18	160.18	123.69	123.69	0.00	SI
1 Piso	P3	Top	B245-Ex+	-37.97	1.34	0.87	2890	3093	2880	3093	294.00	294.00	160.23	160.23	123.73	123.73	-8.06	SI
1 Piso	P3	Bottom	B245-Ex+	-45.44	1.34	0.97	2930	3094	2880	3094	294.00	294.00	160.28	160.28	123.77	123.77	0.00	SI
1 Piso	P3	Top	B245-Ex-	-35.00	1.34	0.97	2890	3095	2880	3095	294.00	294.00	160.34	160.34	123.81	123.81	-8.20	SI
1 Piso	P3	Bottom	B245-Ex-	-40.58	1.34	0.87	2890	3096	2880	3096	294.00	294.00	160.39	160.39	123.85	123.85	0.00	SI
1 Piso	P3	Top	B245-Ey+	-38.30	1.34	0.97	2930	3097	2880	3097	294.00	294.00	160.44	160.44	123.89	123.89	-8.13	SI
1 Piso	P3	Bottom	B245-Ey+	-45.04	1.34	0.97	2890	3098	2880	3098	294.00	294.00	160.49	160.49	123.93	123.93	0.00	SI

STORY	MURO	LOC.	COMB	P u (Ton)	Área mz. (m²)	N_u	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	MU2 (ton-m)	Cumple
1 Piso	P1	Top	B245-Ex-	-38.36	1.34	0.97	2880	3089	2880	3095	294.00	294.00	160.54	160.54	323.97	113.97	-8.14	SI
1 Piso	P1	Bottom	B245-Ex-	-45.98	1.34	0.97	2880	3100	2880	3100	294.00	294.00	160.60	160.60	324.01	114.01	0.00	SI
1 Piso	P1	Top	B246-Wx+	-25.62	1.34	0.97	2880	3101	2880	3101	294.00	294.00	160.65	160.65	324.05	114.05	-4.36	SI
1 Piso	P1	Bottom	B246-Wx+	-31.27	1.34	0.97	2880	3102	2880	3102	294.00	294.00	160.70	160.70	324.09	114.09	0.00	SI
1 Piso	P1	Top	B246-Wx-	-25.62	1.34	0.97	2880	3103	2880	3103	294.00	294.00	160.76	160.76	324.13	114.13	-4.36	SI
1 Piso	P1	Bottom	B246-Wx-	-31.27	1.34	0.97	2880	3104	2880	3104	294.00	294.00	160.80	160.80	324.17	114.17	0.00	SI
1 Piso	P1	Top	B246-Wx+	-25.62	1.34	0.97	2880	3105	2880	3105	294.00	294.00	160.85	160.85	324.21	114.21	-4.36	SI
1 Piso	P1	Bottom	B246-Wx+	-31.27	1.34	0.97	2880	3106	2880	3106	294.00	294.00	160.91	160.91	324.25	114.25	0.00	SI
1 Piso	P1	Top	B246-Wx-	-25.62	1.34	0.97	2880	3107	2880	3107	294.00	294.00	160.81	160.96	324.29	114.29	-4.36	SI
1 Piso	P1	Bottom	B246-Wx-	-31.27	1.34	0.97	2880	3108	2880	3108	294.00	294.00	161.01	161.01	324.33	114.33	0.00	SI
1 Piso	P1	Top	B247-Ex+	-24.65	1.34	0.97	2880	3109	2880	3109	294.00	294.00	161.06	161.06	324.37	114.37	-4.38	SI
1 Piso	P1	Bottom	B247-Ex+	-28.70	1.34	0.97	2880	3110	2880	3110	294.00	294.00	161.11	161.11	324.41	114.41	0.00	SI
1 Piso	P1	Top	B247-Ex-	-25.36	1.34	0.97	2880	3111	2880	3111	294.00	294.00	161.16	161.16	324.45	114.45	-4.52	SI
1 Piso	P1	Bottom	B247-Ex-	-30.85	1.34	0.97	2880	3112	2880	3112	294.00	294.00	161.22	161.22	324.49	114.49	0.00	SI
1 Piso	P1	Top	B247-Ex+	-24.57	1.34	0.97	2880	3113	2880	3113	294.00	294.00	161.27	161.27	324.53	114.53	-4.45	SI
1 Piso	P1	Bottom	B247-Ex+	-30.30	1.34	0.97	2880	3114	2880	3114	294.00	294.00	161.32	161.32	324.57	114.57	0.00	SI
1 Piso	P1	Top	B247-Ex-	-24.64	1.34	0.97	2880	3115	2880	3115	294.00	294.00	161.37	161.37	324.61	114.61	-4.46	SI
1 Piso	P1	Bottom	B247-Ex-	-30.25	1.34	0.97	2880	3116	2880	3116	294.00	294.00	161.42	161.42	324.65	114.65	0.00	SI
1 Piso	P1	Top	B242 G	-42.91	1.34	0.97	2880	3117	2880	3117	294.00	294.00	161.48	161.48	324.69	114.69	-8.37	SI
1 Piso	P1	Bottom	B242 G	-50.84	1.34	0.97	2880	3118	2880	3118	294.00	294.00	161.53	161.53	324.73	114.73	0.00	SI
1 Piso	P1	Top	B243-Wx- G	-37.38	1.34	0.97	2880	3119	2880	3119	294.00	294.00	161.58	161.58	324.77	114.77	-5.63	SI
1 Piso	P1	Bottom	B243-Wx- G	-44.62	1.34	0.97	2880	3120	2880	3120	294.00	294.00	161.63	161.63	324.81	114.81	0.00	SI
1 Piso	P1	Top	B243-Wy- G	-37.38	1.34	0.97	2880	3121	2880	3121	294.00	294.00	161.68	161.68	324.85	114.85	-5.53	SI
1 Piso	P1	Bottom	B243-Wy- G	-44.62	1.34	0.97	2880	3122	2880	3122	294.00	294.00	161.73	161.73	324.89	114.89	0.00	SI
1 Piso	P1	Top	B243-Wx+ G	-37.38	1.34	0.97	2880	3123	2880	3123	294.00	294.00	161.78	161.78	324.93	114.93	-5.53	SI
1 Piso	P1	Bottom	B243-Wx+ G	-44.62	1.34	0.97	2880	3124	2880	3124	294.00	294.00	161.84	161.84	324.97	114.97	0.00	SI
1 Piso	P1	Top	B243-Wy+ G	-37.38	1.34	0.97	2880	3125	2880	3125	294.00	294.00	161.89	161.89	325.01	115.01	-5.63	SI
1 Piso	P1	Bottom	B243-Wy+ G	-44.62	1.34	0.97	2880	3126	2880	3126	294.00	294.00	161.94	161.94	325.05	115.05	0.00	SI
1 Piso	P1	Top	B244-Wx- G	-40.62	1.34	0.97	2880	3127	2880	3127	294.00	294.00	161.99	161.99	325.09	115.09	-7.96	SI
1 Piso	P1	Bottom	B244-Wx- G	-48.24	1.34	0.97	2880	3128	2880	3128	294.00	294.00	162.05	162.05	325.13	115.13	0.00	SI
1 Piso	P1	Top	B244-Wx+ G	-40.62	1.34	0.97	2880	3129	2880	3129	294.00	294.00	162.10	162.10	325.17	115.17	-7.96	SI
1 Piso	P1	Bottom	B244-Wx+ G	-48.24	1.34	0.97	2880	3130	2880	3130	294.00	294.00	162.15	162.15	325.21	115.21	0.00	SI
1 Piso	P1	Top	B244-Wy- G	-40.62	1.34	0.97	2880	3131	2880	3131	294.00	294.00	162.20	162.20	325.25	115.25	-7.96	SI
1 Piso	P1	Bottom	B244-Wy- G	-48.24	1.34	0.97	2880	3132	2880	3132	294.00	294.00	162.25	162.25	325.29	115.29	0.00	SI
1 Piso	P1	Top	B244-Wy+ G	-40.62	1.34	0.97	2880	3133	2880	3133	294.00	294.00	162.30	162.30	325.33	115.33	-7.96	SI
1 Piso	P1	Bottom	B244-Wy+ G	-48.24	1.34	0.97	2880	3134	2880	3134	294.00	294.00	162.36	162.36	325.37	115.37	0.00	SI
1 Piso	P5	Top	B241	-15.26	0.79	0.97	2400	3135	2400	3135	294.00	294.00	135.34	135.34	104.51	104.51	-0.02	SI
1 Piso	P5	Bottom	B241	-22.27	0.79	0.97	2400	3136	2400	3136	294.00	294.00	135.36	135.36	104.54	104.54	0.02	SI
1 Piso	P5	Top	B242 Lcub	-14.22	0.79	0.97	2400	3137	2400	3137	294.00	294.00	135.41	135.43	104.57	104.57	-0.05	SI
1 Piso	P5	Bottom	B242 Lcub	-20.97	0.79	0.97	2400	3138	2400	3138	294.00	294.00	135.47	135.47	104.61	104.61	0.01	SI
1 Piso	P5	Top	B243-Wx+ Lcub	-14.14	0.79	0.97	2400	3139	2400	3139	294.00	294.00	135.51	135.51	104.64	104.64	0.00	SI
1 Piso	P5	Bottom	B243-Wx+ Lcub	-20.23	0.79	0.97	2400	3140	2400	3140	294.00	294.00	135.56	135.56	104.67	104.67	0.01	SI
1 Piso	P5	Top	B243-Wx- Lcub	-14.14	0.79	0.97	2400	3141	2400	3141	294.00	294.00	135.60	135.60	104.71	104.71	0.00	SI
1 Piso	P5	Bottom	B243-Wx- Lcub	-20.23	0.79	0.97	2400	3142	2400	3142	294.00	294.00	135.64	135.64	104.74	104.74	0.01	SI
1 Piso	P5	Top	B243-Wy+ Lcub	-14.14	0.79	0.97	2400	3143	2400	3143	294.00	294.00	135.69	135.69	104.77	104.77	0.00	SI
1 Piso	P5	Bottom	B243-Wy+ Lcub	-20.23	0.79	0.97	2400	3144	2400	3144	294.00	294.00	135.73	135.73	104.81	104.81	0.01	SI
1 Piso	P5	Top	B243-Wy- Lcub	-14.14	0.79	0.97	2400	3145	2400	3145	294.00	294.00	135.77	135.77	104.84	104.84	0.00	SI
1 Piso	P5	Bottom	B243-Wy- Lcub	-20.23	0.79	0.97	2400	3146	2400	3146	294.00	294.00	135.82	135.82	104.87	104.87	0.01	SI
1 Piso	P5	Top	B244-Wx+ Lcub	-14.48	0.79	0.97	2400	3147	2400	3147	294.00	294.00	135.91	135.86	104.91	104.91	-0.05	SI
1 Piso	P5	Bottom	B244-Wx+ Lcub	-20.87	0.79	0.97	2400	3148	2400	3148	294.00	294.00	135.91	135.90	104.94	104.94	0.01	SI
1 Piso	P5	Top	B244-Wx- Lcub	-14.48	0.79	0.97	2400	3149	2400	3149	294.00	294.00	135.94	135.94	104.97	104.87	-0.05	SI
1 Piso	P5	Bottom	B244-Wx- Lcub	-20.87	0.79	0.97	2400	3150	2400	3150	294.00	294.00	135.99	135.99	105.01	105.01	0.01	SI
1 Piso	P5	Top	B244-Wy+ Lcub	-14.48	0.79	0.97	2400	3151	2400	3151	294.00	294.00	136.03	136.03	105.04	105.04	-0.05	SI
1 Piso	P5	Bottom	B244-Wy+ Lcub	-20.87	0.79	0.97	2400	3152	2400	3152	294.00	294.00	136.07	136.07	105.07	105.07	0.01	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m^2)	R_w	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu (Ton-m)	Cumple
1 Piso	P6	Top	B243-Wx- Comb	-14.48	0.79	0.97	2400	3150	2400	3153	294.00	294.00	136.12	136.12	105.11	135.11	-0.05	SI
1 Piso	P6	Bottom	B243-Wx- Comb	-20.67	0.79	0.97	2400	3154	2400	3154	294.00	294.00	138.16	136.16	105.14	135.14	0.01	SI
1 Piso	P6	Top	B245-Ex+	-11.00	0.79	0.97	2400	3155	2400	3155	294.00	294.00	136.20	136.20	105.17	135.17	0.04	SI
1 Piso	P6	Bottom	B245-Ex+	-13.65	0.79	0.97	2400	3156	2400	3156	294.00	294.00	136.25	136.25	105.21	135.21	0.00	SI
1 Piso	P6	Top	B245-Ex-	-18.01	0.79	0.97	2400	3157	2400	3157	294.00	294.00	136.29	136.29	105.24	135.24	-0.17	SI
1 Piso	P6	Bottom	B245-Ex-	-26.36	0.79	0.97	2400	3158	2400	3158	294.00	294.00	136.33	136.33	105.27	135.27	0.02	SI
1 Piso	P6	Top	B245-Ey+	-14.40	0.79	0.97	2400	3159	2400	3159	294.00	294.00	136.36	136.36	105.31	135.31	-0.1'	SI
1 Piso	P6	Bottom	B245-Ey+	-22.16	0.79	0.97	2400	3160	2400	3160	294.00	294.00	136.42	136.42	105.34	135.34	0.01	SI
1 Piso	P6	Top	B245-Ey-	-12.69	0.79	0.97	2400	3161	2400	3161	294.00	294.00	136.46	136.46	105.37	135.37	-0.01	SI
1 Piso	P6	Bottom	B245-Ey-	-17.87	0.79	0.97	2400	3162	2400	3162	294.00	294.00	136.51	136.51	105.41	135.41	0.0'	SI
1 Piso	P6	Top	B246-Wx+	-10.33	0.79	0.97	2400	3163	2400	3163	294.00	294.00	136.55	136.55	105.44	135.44	-0.01	SI
1 Piso	P6	Bottom	B246-Wx+	-14.92	0.79	0.97	2400	3164	2400	3164	294.00	294.00	136.59	136.59	105.47	135.47	0.01	SI
1 Piso	P6	Top	B246-Wx-	-10.33	0.79	0.97	2400	3165	2400	3165	294.00	294.00	136.64	136.64	105.51	135.51	-0.01	SI
1 Piso	P6	Bottom	B246-Wx-	-14.92	0.79	0.97	2400	3166	2400	3166	294.00	294.00	136.68	136.68	105.54	135.54	0.01	SI
1 Piso	P6	Top	B246-Wy+	-10.33	0.79	0.97	2400	3167	2400	3167	294.00	294.00	136.72	136.72	105.57	135.57	-0.01	SI
1 Piso	P6	Bottom	B246-Wy+	-14.92	0.79	0.97	2400	3168	2400	3168	294.00	294.00	136.76	136.76	105.61	135.61	0.01	SI
1 Piso	P6	Top	B246-Wy-	-10.33	0.79	0.97	2400	3169	2400	3169	294.00	294.00	136.81	136.81	105.64	135.64	-0.01	SI
1 Piso	P6	Bottom	B246-Wy-	-14.92	0.79	0.97	2400	3170	2400	3170	294.00	294.00	136.85	136.85	105.67	135.67	0.01	SI
1 Piso	P6	Top	B247-Ex+	-7.2'	0.79	0.97	2400	3171	2400	3171	294.00	294.00	136.89	136.88	105.71	135.71	0.08	SI
1 Piso	P6	Bottom	B247-Ex+	-7.96	0.79	0.97	2400	3172	2400	3172	294.00	294.00	136.94	136.94	105.74	135.74	0.00	SI
1 Piso	P6	Top	B247-Ex-	-12.14	0.79	0.97	2400	3173	2400	3173	294.00	294.00	136.98	136.98	105.77	135.77	-0.12	SI
1 Piso	P6	Bottom	B247-Ex-	-20.67	0.79	0.97	2400	3174	2400	3174	294.00	294.00	137.02	137.02	105.81	135.81	0.01	SI
1 Piso	P6	Top	B247-Ey+	-10.53	0.79	0.97	2400	3175	2400	3175	294.00	294.00	137.07	137.07	105.84	135.84	-0.05	SI
1 Piso	P6	Bottom	B247-Ey+	-16.96	0.79	0.97	2400	3176	2400	3176	294.00	294.00	137.11	137.11	105.87	135.87	0.0'	SI
1 Piso	P6	Top	B247-Ey-	-8.02	0.79	0.97	2400	3177	2400	3177	294.00	294.00	137.15	137.15	105.91	135.91	0.03	SI
1 Piso	P6	Bottom	B247-Ey-	-12.14	0.79	0.97	2400	3178	2400	3178	294.00	294.00	137.20	137.20	105.94	135.94	0.00	SI
1 Piso	P6	Top	B242 G	-14.75	0.79	0.97	2400	3179	2400	3179	294.00	294.00	137.24	137.24	105.97	135.97	-0.07	SI
1 Piso	P6	Bottom	B242 G	-21.01	0.79	0.97	2400	3180	2400	3180	294.00	294.00	137.28	137.28	106.01	136.01	0.01	SI
1 Piso	P6	Top	B243-Wx- G	-15.84	0.79	0.97	2400	3181	2400	3181	294.00	294.00	137.33	137.33	106.04	136.04	0.03	SI
1 Piso	P6	Bottom	B243-Wx- G	-21.80	0.79	0.97	2400	3182	2400	3182	294.00	294.00	137.37	137.37	106.07	136.07	0.01	SI
1 Piso	P6	Top	B243-Wy- G	-15.84	0.79	0.97	2400	3183	2400	3183	294.00	294.00	137.41	137.41	106.11	136.11	0.03	SI
1 Piso	P6	Bottom	B243-Wy- G	-21.80	0.79	0.97	2400	3184	2400	3184	294.00	294.00	137.46	137.46	106.14	136.14	0.01	SI
1 Piso	P6	Top	B243-Wx+ G	-15.84	0.79	0.97	2400	3185	2400	3185	294.00	294.00	137.50	137.50	106.17	136.17	0.03	SI
1 Piso	P6	Bottom	B243-Wx+ G	-21.80	0.79	0.97	2400	3186	2400	3186	294.00	294.00	137.54	137.54	106.21	136.21	0.01	SI
1 Piso	P6	Top	B243-Wy+ G	-15.84	0.79	0.97	2400	3187	2400	3187	294.00	294.00	137.59	137.59	106.24	136.24	-0.03	SI
1 Piso	P6	Bottom	B243-Wy+ G	-21.80	0.79	0.97	2400	3188	2400	3188	294.00	294.00	137.63	137.63	106.27	136.27	0.01	SI
1 Piso	P6	Top	B244-Wx- G	-15.01	0.79	0.97	2400	3189	2400	3189	294.00	294.00	137.67	137.67	106.31	136.31	-0.04	SI
1 Piso	P6	Bottom	B244-Wx- G	-21.36	0.79	0.97	2400	3190	2400	3190	294.00	294.00	137.7'	137.71	106.34	136.34	0.01	SI
1 Piso	P6	Top	B244-Wx+ G	-15.01	0.79	0.97	2400	3191	2400	3191	294.00	294.00	137.76	137.76	106.37	136.37	-0.04	SI
1 Piso	P6	Bottom	B244-Wx+ G	-21.36	0.79	0.97	2400	3192	2400	3192	294.00	294.00	137.80	137.80	106.41	136.41	0.01	SI
1 Piso	P6	Top	B244-Wy- G	-15.01	0.79	0.97	2400	3193	2400	3193	294.00	294.00	137.84	137.84	106.44	136.44	-0.04	SI
1 Piso	P6	Bottom	B244-Wy- G	-21.36	0.79	0.97	2400	3194	2400	3194	294.00	294.00	137.89	137.89	106.47	136.47	0.01	SI
1 Piso	P6	Top	B244-Wy+ G	-15.01	0.79	0.97	2400	3195	2400	3195	294.00	294.00	137.93	137.93	106.51	136.51	-0.04	SI
1 Piso	P6	Bottom	B244-Wy+ G	-21.36	0.79	0.97	2400	3196	2400	3196	294.00	294.00	137.97	137.97	106.54	136.54	0.01	SI
1 Piso	P6	Top	B241	-48.55	1.09	0.98	3360	3197	3360	3197	274.00	274.00	180.01	180.01	138.31	138.31	0.18	SI
1 Piso	P6	Bottom	B241	-52.14	1.09	0.98	3360	3198	3360	3198	274.00	274.00	180.14	180.14	138.35	138.35	0.01	SI
1 Piso	P6	Top	B242 Comb	-68.27	1.09	0.98	3360	3199	3360	3199	274.00	274.00	180.19	180.19	138.40	138.40	13.74	SI
1 Piso	P6	Bottom	B242 Comb	-69.03	1.09	0.98	3360	3200	3360	3200	274.00	274.00	180.25	180.25	138.44	138.44	0.00	SI
1 Piso	P6	Top	B243-Wx+ Comb	-44.78	1.09	0.98	3360	3201	3360	3201	274.00	274.00	180.30	180.30	138.48	138.48	6.11	SI
1 Piso	P6	Bottom	B243-Wx+ Comb	-48.56	1.09	0.98	3360	3202	3360	3202	274.00	274.00	180.36	180.36	138.53	138.53	0.01	SI
1 Piso	P6	Top	B243-Wx- Comb	-44.78	1.09	0.98	3360	3203	3360	3203	274.00	274.00	180.42	180.42	138.57	138.57	6.11	SI
1 Piso	P6	Bottom	B243-Wx- Comb	-48.56	1.09	0.98	3360	3204	3360	3204	274.00	274.00	180.47	180.47	138.61	138.61	0.01	SI
1 Piso	P6	Top	B243-Wy+ Comb	-44.76	1.09	0.98	3360	3205	3360	3205	274.00	274.00	180.53	180.53	138.65	138.66	6.11	SI
1 Piso	P6	Bottom	B243-Wy+ Comb	-48.56	1.09	0.98	3360	3206	3360	3206	274.00	274.00	180.58	180.58	138.70	138.70	0.01	SI

STORY	MURO	LOC.	COMB	Pu (Ton)	Area sec. (m²)	R.	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (Ton-m)	Mn ext (Ton-m)	ΦMn ext (Ton-m)	ΦMn int (Ton-m)	M23 (Ton-m)	Cumple
1 Piso	P6	Top	B243-Wy+ Cub	-44.75	1.09	0.86	3360	3207	3360	3207	274.00	274.00	180.84	180.84	138.74	138.74	6.11	SI
1 Piso	P6	Bottom	B243-Wy+ Cub	-48.56	1.09	0.86	3360	3208	3360	3208	274.00	274.00	180.79	180.79	138.79	138.79	0.01	SI
1 Piso	P6	Top	B244-Wx+ Cub	-60.20	1.09	0.86	3360	3209	3360	3209	274.00	274.00	180.75	180.75	138.83	138.83	10.87	SI
1 Piso	P6	Bottom	B244-Wx+ Cub	-62.07	1.09	0.86	3360	3210	3360	3210	274.00	274.00	180.8?	180.81	138.87	138.87	0.00	SI
1 Piso	P6	Top	B244-Wx+ Cub	-60.20	1.09	0.86	3360	3211	3360	3211	274.00	274.00	180.8?	180.87	138.92	138.92	10.87	SI
1 Piso	P6	Bottom	B244-Wx+ Cub	-62.07	1.09	0.86	3360	3212	3360	3212	274.00	274.00	180.91	180.92	138.96	138.96	0.00	SI
1 Piso	P6	Top	B244-Wy+ Cub	-60.20	1.09	0.86	3360	3213	3360	3213	274.00	274.00	180.96	180.98	139.00	139.00	10.87	SI
1 Piso	P6	Bottom	B244-Wy+ Cub	-62.07	1.09	0.86	3360	3214	3360	3214	274.00	274.00	181.04	181.04	139.05	139.05	0.00	SI
1 Piso	P6	Top	B244-Wy+ Cub	-60.20	1.09	0.86	3360	3215	3360	3215	274.00	274.00	181.09	181.09	139.09	139.09	10.87	SI
1 Piso	P6	Bottom	B244-Wy+ Cub	-62.07	1.09	0.86	3360	3216	3360	3216	274.00	274.00	181.15	181.15	139.13	139.13	0.00	SI
1 Piso	P6	Top	B245-Ex+	-50.39	1.09	0.86	3360	3217	3360	3217	274.00	274.00	181.21	181.21	139.19	139.19	11.50	SI
1 Piso	P6	Bottom	B245-Ex+	-41.00	1.09	0.86	3360	3218	3360	3218	274.00	274.00	181.26	181.26	139.22	139.22	-0.02	SI
1 Piso	P6	Top	B245-Ex+	-65.98	1.09	0.86	3360	3219	3360	3219	274.00	274.00	181.32	181.32	139.25	139.26	10.29	SI
1 Piso	P6	Bottom	B245-Ex+	-70.56	1.09	0.86	3360	3220	3360	3220	274.00	274.00	181.37	181.37	139.31	139.33	0.03	SI
1 Piso	P6	Top	B245-Ey+	-52.75	1.09	0.86	3360	3221	3360	3221	274.00	274.00	181.42	181.42	139.35	139.36	10.91	SI
1 Piso	P6	Bottom	B245-Ey+	-53.79	1.09	0.86	3360	3222	3360	3222	274.00	274.00	181.49	181.49	139.38	139.39	0.00	SI
1 Piso	P6	Top	B245-Ey+	-52.91	1.09	0.86	3360	3223	3360	3223	274.00	274.00	181.54	181.54	139.44	139.44	10.87	SI
1 Piso	P6	Bottom	B245-Ey+	-65.78	1.09	0.86	3360	3224	3360	3224	274.00	274.00	181.61	181.60	139.49	139.48	0.00	SI
1 Piso	P6	Top	B246-Wx+	-52.87	1.09	0.86	3360	3225	3360	3225	274.00	274.00	181.66	181.66	139.52	139.52	4.59	SI
1 Piso	P6	Bottom	B246-Wx+	-35.75	1.09	0.86	3360	3226	3360	3226	274.00	274.00	181.71	181.71	139.57	139.57	0.00	SI
1 Piso	P6	Top	B246-Wx+	-52.87	1.09	0.86	3360	3227	3360	3227	274.00	274.00	181.77	181.77	139.61	139.61	4.59	SI
1 Piso	P6	Bottom	B246-Wx+	-35.75	1.09	0.86	3360	3228	3360	3228	274.00	274.00	181.83	181.83	139.65	139.65	0.00	SI
1 Piso	P6	Top	B246-Wx+	-52.87	1.09	0.86	3360	3229	3360	3229	274.00	274.00	181.88	181.88	139.69	139.69	4.59	SI
1 Piso	P6	Bottom	B246-Wx+	-35.75	1.09	0.86	3360	3230	3360	3230	274.00	274.00	181.94	181.94	139.74	139.74	0.00	SI
1 Piso	P6	Top	B246-Wx+	-52.87	1.09	0.86	3360	3231	3360	3231	274.00	274.00	181.99	181.99	139.78	139.78	4.59	SI
1 Piso	P6	Bottom	B246-Wx+	-35.75	1.09	0.86	3360	3232	3360	3232	274.00	274.00	182.05	182.05	139.82	139.82	0.00	SI
1 Piso	P6	Top	B247-Ex+	-21.69	1.09	0.86	3360	3233	3360	3233	274.00	274.00	182.11	182.11	139.87	139.87	5.21	SI
1 Piso	P6	Bottom	B247-Ex+	-15.97	1.09	0.86	3360	3234	3360	3234	274.00	274.00	182.16	182.16	139.91	139.91	-0.02	SI
1 Piso	P6	Top	B247-Ex+	-38.75	1.09	0.86	3360	3235	3360	3235	274.00	274.00	182.22	182.22	139.95	139.95	4.00	SI
1 Piso	P6	Bottom	B247-Ex+	-52.05	1.09	0.86	3360	3236	3360	3236	274.00	274.00	182.28	182.28	140.00	140.00	0.00	SI
1 Piso	P6	Top	B247-Ey+	-28.13	1.09	0.86	3360	3237	3360	3237	274.00	274.00	182.33	182.33	140.04	140.04	4.63	SI
1 Piso	P6	Bottom	B247-Ey+	-28.16	1.09	0.86	3360	3238	3360	3238	274.00	274.00	182.39	182.39	140.09	140.09	0.00	SI
1 Piso	P6	Top	B247-Ey+	-38.29	1.09	0.86	3360	3239	3360	3239	274.00	274.00	182.41	182.44	140.13	140.13	4.58	SI
1 Piso	P6	Bottom	B247-Ey+	-40.15	1.09	0.86	3360	3240	3360	3240	274.00	274.00	182.50	182.50	140.17	140.17	0.00	SI
1 Piso	P6	Top	B242 Cx	-49.82	1.09	0.86	3360	3241	3360	3241	274.00	274.00	182.56	182.56	140.21	140.21	13.72	SI
1 Piso	P6	Bottom	B242 Cx	-70.33	1.09	0.86	3360	3242	3360	3242	274.00	274.00	182.61	182.61	140.25	140.26	0.00	SI
1 Piso	P6	Top	B243-Wy+ G	-49.06	1.09	0.86	3360	3243	3360	3243	274.00	274.00	182.67	182.67	140.33	140.30	8.06	SI
1 Piso	P6	Bottom	B243-Wy+ G	-52.60	1.09	0.86	3360	3244	3360	3244	274.00	274.00	182.73	182.73	140.34	140.34	0.01	SI
1 Piso	P6	Top	B243-Wy+ G	-48.05	1.09	0.86	3360	3245	3360	3245	274.00	274.00	182.78	182.78	140.39	140.39	8.06	SI
1 Piso	P6	Bottom	B243-Wy+ G	-52.60	1.09	0.86	3360	3246	3360	3246	274.00	274.00	182.84	182.84	140.43	140.43	0.01	SI
1 Piso	P6	Top	B243-Wx+ G	-48.05	1.09	0.86	3360	3247	3360	3247	274.00	274.00	182.90	182.90	140.47	140.47	8.06	SI
1 Piso	P6	Bottom	B243-Wx+ G	-52.60	1.09	0.86	3360	3248	3360	3248	274.00	274.00	182.95	182.95	140.52	140.52	0.01	SI
1 Piso	P6	Top	B243-Wx+ G	-48.05	1.09	0.86	3360	3249	3360	3249	274.00	274.00	183.01	183.01	140.55	140.56	8.06	SI
1 Piso	P6	Bottom	B243-Wx+ G	-52.09	1.09	0.86	3360	3250	3360	3250	274.00	274.00	183.06	183.06	140.60	140.60	0.01	SI
1 Piso	P6	Top	B244-Wx+ G	-51.54	1.09	0.86	3360	3251	3360	3251	274.00	274.00	183.12	183.12	140.65	140.65	10.85	SI
1 Piso	P6	Bottom	B244-Wx+ G	-50.36	1.09	0.86	3360	3252	3360	3252	274.00	274.00	183.18	183.18	140.69	140.69	0.00	SI
1 Piso	P6	Top	B244-Wx+ G	-51.54	1.09	0.86	3360	3253	3360	3253	274.00	274.00	183.24	183.23	140.73	140.73	10.85	SI
1 Piso	P6	Bottom	B244-Wx+ G	-50.36	1.09	0.86	3360	3254	3360	3254	274.00	274.00	183.29	183.28	140.78	140.78	0.00	SI
1 Piso	P6	Top	B244-Wy+ G	-51.54	1.09	0.86	3360	3255	3360	3255	274.00	274.00	183.35	183.35	140.82	140.82	10.85	SI
1 Piso	P6	Bottom	B244-Wy+ G	-50.36	1.09	0.86	3360	3256	3360	3256	274.00	274.00	183.40	183.40	140.86	140.86	0.00	SI
1 Piso	P6	Top	B244-Wy+ G	-51.54	1.09	0.86	3360	3257	3360	3257	274.00	274.00	183.46	183.46	140.91	140.91	10.85	SI
1 Piso	P6	Bottom	B244-Wy+ G	-51.36	1.09	0.86	3360	3258	3360	3258	274.00	274.00	183.51	183.51	140.95	140.95	0.00	SI
1 Piso	P6	Top	B241	-44.12	0.68	0.86	2400	3259	2400	3259	274.00	274.00	131.13	131.12	100.71	100.71	3.82	SI
1 Piso	P6	Bottom	B241	-42.48	0.68	0.86	2400	3260	2400	3260	274.00	274.00	131.16	131.16	100.74	100.74	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ... (m²)	R_u	As ext (mm²/)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn ext (ton-m)	øMn ext (ton-m)	øMn int (ton-m)	M2t (ton-m)	Cumple
1 Piso	P1	Top	B242 Lo/E	-96.98	0.98	0.56	2400	3261	2400	3261	274.00	274.00	131.20	131.20	100.77	100.77	0.00	SI
1 Piso	P1	Bottom	B242 Lo/E	-65.21	0.88	0.56	2400	3252	2400	3252	274.00	274.00	131.21	131.24	100.80	100.80	0.00	SI
1 Piso	P1	Top	B243-eWx+ Lo/E	-44.82	0.98	0.56	2400	3263	2400	3263	274.00	274.00	131.24	131.26	100.83	100.83	3.05	SI
1 Piso	P1	Bottom	B243-eWx+ Lo/E	-39.01	0.88	0.56	2400	3264	2400	3264	274.00	274.00	131.32	131.32	100.85	100.85	0.00	SI
1 Piso	P1	Top	B243-eWx- Lo/E	-44.82	0.98	0.56	2400	3265	2400	3265	274.00	274.00	131.36	131.36	100.89	100.89	3.05	SI
1 Piso	P1	Bottom	B243-eWx- Lo/E	-39.01	0.98	0.56	2400	3266	2400	3266	274.00	274.00	131.40	131.40	100.93	100.93	0.00	SI
1 Piso	P1	Top	B243-Wx+ Lo/E	-44.82	0.88	0.56	2400	3267	2400	3267	274.00	274.00	131.44	131.44	100.96	100.96	3.05	SI
1 Piso	P1	Bottom	B243-Wx+ Lo/E	-39.01	0.98	0.56	2400	3268	2400	3268	274.00	274.00	131.48	131.48	100.99	100.99	0.00	SI
1 Piso	P1	Top	B243-Wx- Lo/E	-44.82	0.88	0.56	2400	3269	2400	3269	274.00	274.00	131.52	131.52	101.02	101.02	3.05	SI
1 Piso	P1	Bottom	B243-Wx- Lo/E	-39.01	0.98	0.56	2400	3270	2400	3270	274.00	274.00	131.55	131.56	101.05	101.05	0.00	SI
1 Piso	P1	Top	B244-eWx+ Lo/E	-59.52	0.98	0.56	2400	3271	2400	3271	274.00	274.00	131.61	131.61	101.08	101.08	5.31	SI
1 Piso	P1	Bottom	B244-eWx+ Lo/E	-49.75	0.98	0.56	2400	3272	2400	3272	274.00	274.00	131.65	131.65	101.11	101.11	0.00	SI
1 Piso	P1	Top	B244-eWx- Lo/E	-59.52	0.98	0.56	2400	3273	2400	3273	274.00	274.00	131.69	131.69	101.14	101.14	5.31	SI
1 Piso	P1	Bottom	B244-eWx- Lo/E	-49.75	0.88	0.56	2400	3274	2400	3274	274.00	274.00	131.73	131.73	101.17	101.17	0.00	SI
1 Piso	P1	Top	B244-Wx+ Lo/E	-59.52	0.98	0.56	2400	3275	2400	3275	274.00	274.00	131.77	131.77	101.20	101.20	5.31	SI
1 Piso	P1	Bottom	B244-Wx+ Lo/E	-49.75	0.98	0.56	2400	3276	2400	3276	274.00	274.00	131.81	131.81	101.23	101.23	0.00	SI
1 Piso	P1	Top	B244-Wx- Lo/E	-59.52	0.98	0.56	2400	3277	2400	3277	274.00	274.00	131.85	131.85	101.27	101.27	5.31	SI
1 Piso	P1	Bottom	B244-Wx- Lo/E	-49.75	0.98	0.56	2400	3278	2400	3278	274.00	274.00	131.89	131.89	101.30	101.30	0.00	SI
1 Piso	P1	Top	B245-Ex+	-57.58	0.98	0.56	2400	3279	2400	3279	274.00	274.00	131.93	131.93	101.33	101.33	5.01	SI
1 Piso	P1	Bottom	B245-Ex+	-48.27	0.98	0.56	2400	3280	2400	3280	274.00	274.00	131.97	131.97	101.36	101.36	0.00	SI
1 Piso	P1	Top	B245-Ex-	-56.06	0.88	0.56	2400	3281	2400	3281	274.00	274.00	132.01	132.01	101.39	101.39	5.68	SI
1 Piso	P1	Bottom	B245-Ex-	-47.21	0.98	0.56	2400	3282	2400	3282	274.00	274.00	132.05	132.05	101.42	101.42	0.00	SI
1 Piso	P1	Top	B245-Ey+	-57.01	0.98	0.56	2400	3283	2400	3283	274.00	274.00	132.09	132.09	101.45	101.45	5.36	SI
1 Piso	P1	Bottom	B245-Ey+	-47.87	0.88	0.56	2400	3284	2400	3284	274.00	274.00	132.13	132.13	101.48	101.48	0.00	SI
1 Piso	P1	Top	B245-Ey-	-56.63	0.98	0.56	2400	3285	2400	3285	274.00	274.00	132.17	132.17	101.51	101.51	5.35	SI
1 Piso	P1	Bottom	B245-Ey-	-47.71	0.98	0.56	2400	3286	2400	3286	274.00	274.00	132.21	132.21	101.54	101.54	0.00	SI
1 Piso	P1	Top	B246-Wx+	-32.81	0.98	0.56	2400	3287	2400	3287	274.00	274.00	132.25	132.25	101.57	101.57	2.30	SI
1 Piso	P1	Bottom	B246-Wx+	-28.68	0.98	0.56	2400	3288	2400	3288	274.00	274.00	132.29	132.29	101.61	101.61	0.00	SI
1 Piso	P1	Top	B246-Wx-	-32.81	0.88	0.56	2400	3289	2400	3289	274.00	274.00	132.33	132.33	101.64	101.64	2.30	SI
1 Piso	P1	Bottom	B246-Wx-	-28.68	0.98	0.56	2400	3290	2400	3290	274.00	274.00	132.37	132.37	101.67	101.67	0.00	SI
1 Piso	P1	Top	B246-Wx+	-32.81	0.88	0.56	2400	3291	2400	3291	274.00	274.00	132.41	132.41	101.70	101.70	2.30	SI
1 Piso	P1	Bottom	B246-Wx+	-28.68	0.98	0.56	2400	3292	2400	3292	274.00	274.00	132.45	132.45	101.73	101.73	0.00	SI
1 Piso	P1	Top	B246-Wx-	-32.81	0.98	0.56	2400	3293	2400	3293	274.00	274.00	132.49	132.49	101.76	101.76	2.30	SI
1 Piso	P1	Bottom	B246-Wx-	-28.68	0.98	0.56	2400	3294	2400	3294	274.00	274.00	132.54	132.53	101.79	101.79	0.00	SI
1 Piso	P1	Top	B247-Ex+	-31.70	0.98	0.56	2400	3295	2400	3295	274.00	274.00	132.57	132.57	101.82	101.82	1.98	SI
1 Piso	P1	Bottom	B247-Ex+	-27.60	0.98	0.56	2400	3296	2400	3296	274.00	274.00	132.61	132.61	101.85	101.85	0.00	SI
1 Piso	P1	Top	B247-Ex-	-30.17	0.98	0.56	2400	3297	2400	3297	274.00	274.00	132.65	132.65	101.88	101.88	1.98	SI
1 Piso	P1	Bottom	B247-Ex-	-26.64	0.98	0.56	2400	3298	2400	3298	274.00	274.00	132.69	132.69	101.91	101.91	0.00	SI
1 Piso	P1	Top	B247-Ey+	-31.12	0.98	0.56	2400	3299	2400	3299	274.00	274.00	132.73	132.73	101.95	101.95	2.32	SI
1 Piso	P1	Bottom	B247-Ey+	-27.40	0.98	0.56	2400	3300	2400	3300	274.00	274.00	132.77	132.77	101.98	101.98	0.00	SI
1 Piso	P1	Top	B247-Ey-	-30.75	0.88	0.56	2400	3301	2400	3301	274.00	274.00	132.81	132.81	102.01	102.01	2.33	SI
1 Piso	P1	Bottom	B247-Ey-	-27.24	0.98	0.56	2400	3302	2400	3302	274.00	274.00	132.85	132.85	102.04	102.04	0.00	SI
1 Piso	P1	Top	B248-G-	-69.51	0.98	0.56	2400	3303	2400	3303	274.00	274.00	132.89	132.89	102.07	102.07	6.66	SI
1 Piso	P1	Bottom	B248-G-	-56.31	0.98	0.56	2400	3304	2400	3304	274.00	274.00	132.93	132.93	102.10	102.10	0.00	SI
1 Piso	P1	Top	B249-Wx-G	-49.70	0.98	0.56	2400	3305	2400	3305	274.00	274.00	132.97	132.97	102.13	102.13	2.86	SI
1 Piso	P1	Bottom	B249-Wx-G	-42.54	0.88	0.56	2400	3306	2400	3306	274.00	274.00	133.01	133.01	102.16	102.16	0.00	SI
1 Piso	P1	Top	B249-Wy-G	-49.70	0.98	0.56	2400	3307	2400	3307	274.00	274.00	133.05	133.05	102.19	102.19	2.86	SI
1 Piso	P1	Bottom	B249-Wy-G	-42.54	0.98	0.56	2400	3308	2400	3308	274.00	274.00	133.09	133.09	102.22	102.22	0.00	SI
1 Piso	P1	Top	B249-Wx+G	-49.70	0.98	0.56	2400	3309	2400	3309	274.00	274.00	133.13	133.13	102.25	102.25	2.86	SI
1 Piso	P1	Bottom	B249-Wx+G	-42.54	0.98	0.56	2400	3310	2400	3310	274.00	274.00	133.17	133.17	102.28	102.28	0.00	SI
1 Piso	P1	Top	B249-Wx-G	-49.70	0.88	0.56	2400	3311	2400	3311	274.00	274.00	133.21	133.21	102.32	102.32	2.95	SI
1 Piso	P1	Bottom	B249-Wx-G	-42.54	0.98	0.56	2400	3312	2400	3312	274.00	274.00	133.25	133.25	102.35	102.35	0.00	SI
1 Piso	P1	Top	B244-Wx-G	-81.05	0.98	0.56	2400	3313	2400	3313	274.00	274.00	133.28	133.28	102.38	102.38	5.25	SI
1 Piso	P1	Bottom	B244-Wx-G	-50.85	0.88	0.56	2400	3314	2400	3314	274.00	274.00	133.34	133.34	102.41	102.41	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área m^2	ϕ_c	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn ext (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
1 Piso	Pil	Top	B244-Wx+ G	-51.05	0.88	0.9E	2400	3315	2400	3315	274.00	274.00	133.01	139.38	102.44	102.44	5.26	SI
1 Piso	Pil	Bottom	B244-Wx+ G	-50.85	0.88	0.9E	2400	3316	2400	3316	274.00	274.00	133.42	139.42	102.47	102.47	0.00	SI
1 Piso	Pil	Top	B244-Wy+ G	-51.05	0.88	0.9E	2400	3317	2400	3317	274.00	274.00	133.41	139.45	102.50	102.50	5.26	SI
1 Piso	Pil	Bottom	B244-Wy+ G	-50.85	0.88	0.9E	2400	3318	2400	3318	274.00	274.00	133.50	139.50	102.53	102.53	0.00	SI
1 Piso	Pil	Top	B244-Wy+ G	-51.05	0.88	0.9E	2400	3319	2400	3319	274.00	274.00	133.54	139.54	102.55	102.55	5.26	SI
1 Piso	Pil	Bottom	B244-Wy+ G	-50.85	0.88	0.9E	2400	3320	2400	3320	274.00	274.00	133.58	139.58	102.59	102.59	0.00	SI
1 Piso	Pil	Top	0741	-50.47	1.08	0.9E	3360	3321	3360	3321	274.00	274.00	187.06	187.06	143.85	143.85	7.88	SI
1 Piso	Pil	Bottom	B241	-56.78	1.08	0.9E	3360	3322	3360	3322	274.00	274.00	187.12	187.12	143.72	143.72	0.00	SI
1 Piso	Pil	Top	B242 Lcub	-56.33	1.08	0.9E	3360	3323	3360	3323	274.00	274.00	187.18	187.18	143.75	143.75	12.13	SI
1 Piso	Pil	Bottom	B242 Lcub	-56.10	1.08	0.9E	3360	3324	3360	3324	274.00	274.00	187.23	187.23	143.80	143.80	0.00	SI
1 Piso	Pil	Top	B243-Wx+ Lcub	-46.42	1.09	0.9E	3360	3325	3360	3325	274.00	274.00	187.29	187.29	143.85	143.85	6.66	SI
1 Piso	Pil	Bottom	B243-Wx+ Lcub	-51.89	1.09	0.9E	3360	3326	3360	3326	274.00	274.00	187.35	187.35	143.89	143.89	0.00	SI
1 Piso	Pil	Top	B243-Wx+ Lcub	-46.42	1.09	0.9E	3360	3327	3360	3327	274.00	274.00	187.41	187.40	143.93	143.93	6.66	SI
1 Piso	Pil	Bottom	B243-Wx+ Lcub	-51.89	1.09	0.9E	3360	3328	3360	3328	274.00	274.00	187.46	187.46	143.96	143.96	0.00	SI
1 Piso	Pil	Top	B243-Wy+ Lcub	-46.42	1.09	0.9E	3360	3329	3360	3329	274.00	274.00	187.51	187.51	144.00	144.00	6.66	SI
1 Piso	Pil	Bottom	B243-Wy+ Lcub	-51.89	1.09	0.9E	3360	3330	3360	3330	274.00	274.00	187.57	187.57	144.05	144.05	0.00	SI
1 Piso	Pil	Top	B243-Wy+ Lcub	-46.42	1.09	0.9E	3360	3331	3360	3331	274.00	274.00	187.63	187.63	144.11	144.11	6.66	SI
1 Piso	Pil	Bottom	B243-Wy+ Lcub	-51.89	1.09	0.9E	3360	3332	3360	3332	274.00	274.00	187.68	187.68	144.15	144.15	0.00	SI
1 Piso	Pil	Top	B244-Wx+ Lcub	-56.61	1.08	0.9E	3360	3333	3360	3333	274.00	274.00	187.74	187.74	144.19	144.19	10.01	SI
1 Piso	Pil	Bottom	B244-Wx+ Lcub	-62.78	1.08	0.9E	3360	3334	3360	3334	274.00	274.00	187.80	187.80	144.24	144.24	0.00	SI
1 Piso	Pil	Top	B244-Wx+ Lcub	-59.61	1.08	0.9E	3360	3335	3360	3335	274.00	274.00	187.85	187.85	144.28	144.28	10.01	SI
1 Piso	Pil	Bottom	B244-Wx+ Lcub	-62.78	1.08	0.9E	3360	3336	3360	3336	274.00	274.00	187.91	187.91	144.32	144.32	0.00	SI
1 Piso	Pil	Top	B244-Wx+ Lcub	-59.61	1.08	0.9E	3360	3337	3360	3337	274.00	274.00	187.96	187.96	144.37	144.37	10.01	SI
1 Piso	Pil	Bottom	B244-Wy+ Lcub	-62.78	1.08	0.9E	3360	3338	3360	3338	274.00	274.00	188.02	188.02	144.41	144.41	0.00	SI
1 Piso	Pil	Top	B244-Wy+ Lcub	-59.61	1.08	0.9E	3360	3339	3360	3339	274.00	274.00	188.08	188.08	144.45	144.45	10.01	SI
1 Piso	Pil	Bottom	B244-Wy+ Lcub	-62.78	1.08	0.9E	3360	3340	3360	3340	274.00	274.00	188.13	188.13	144.50	144.50	0.00	SI
1 Piso	Pil	Top	B245-Ex+	-54.49	1.09	0.9E	3360	3341	3360	3341	274.00	274.00	188.19	188.19	144.54	144.54	10.64	SI
1 Piso	Pil	Bottom	B245-Ex+	-51.70	1.09	0.9E	3360	3342	3360	3342	274.00	274.00	188.25	188.25	144.58	144.58	0.01	SI
1 Piso	Pil	Top	B245-Ex+	-59.96	1.08	0.9E	3360	3343	3360	3343	274.00	274.00	188.30	188.30	144.63	144.63	9.44	SI
1 Piso	Pil	Bottom	B245-Ex+	-48.00	1.09	0.9E	3360	3344	3360	3344	274.00	274.00	188.36	188.36	144.67	144.67	0.01	SI
1 Piso	Pil	Top	B245-Ey+	-52.25	1.09	0.9E	3360	3345	3360	3345	274.00	274.00	188.42	188.42	144.71	144.71	10.06	SI
1 Piso	Pil	Bottom	B245-Ey+	-48.23	1.09	0.9E	3360	3346	3360	3346	274.00	274.00	188.47	188.47	144.76	144.76	0.00	SI
1 Piso	Pil	Top	B245-Ey+	-52.20	1.09	0.9E	3360	3347	3360	3347	274.00	274.00	188.53	188.53	144.80	144.80	10.01	SI
1 Piso	Pil	Bottom	B245-Ey+	-54.47	1.08	0.9E	3360	3348	3360	3348	274.00	274.00	188.58	188.58	144.84	144.84	0.00	SI
1 Piso	Pil	Top	B245-Wx+	-34.11	1.09	0.9E	3360	3349	3360	3349	274.00	274.00	188.64	188.64	144.88	144.88	4.82	SI
1 Piso	Pil	Bottom	B245-Wx+	-38.20	1.09	0.9E	3360	3350	3360	3350	274.00	274.00	188.70	188.70	144.93	144.93	0.00	SI
1 Piso	Pil	Top	B245-Wx+	-34.11	1.09	0.9E	3360	3351	3360	3351	274.00	274.00	188.75	188.75	144.97	144.97	4.82	SI
1 Piso	Pil	Bottom	B245-Wx+	-38.20	1.09	0.9E	3360	3352	3360	3352	274.00	274.00	188.81	188.81	145.02	145.02	0.00	SI
1 Piso	Pil	Top	B245-Wx+	-34.11	1.09	0.9E	3360	3353	3360	3353	274.00	274.00	188.87	188.87	145.06	145.06	4.96	SI
1 Piso	Pil	Bottom	B246-Wx+	-38.20	1.08	0.9E	3360	3354	3360	3354	274.00	274.00	188.92	188.92	145.10	145.10	0.00	SI
1 Piso	Pil	Top	B246-Wx+	-34.11	1.09	0.9E	3360	3355	3360	3355	274.00	274.00	188.98	188.98	145.15	145.15	4.82	SI
1 Piso	Pil	Bottom	B246-Wx+	-38.20	1.09	0.9E	3360	3356	3360	3356	274.00	274.00	189.04	189.04	145.19	145.19	0.00	SI
1 Piso	Pil	Top	B247-Ex+	-29.71	1.09	0.9E	3360	3357	3360	3357	274.00	274.00	189.09	189.09	145.23	145.23	5.54	SI
1 Piso	Pil	Bottom	B247-Ex+	-27.85	1.09	0.9E	3360	3358	3360	3358	274.00	274.00	189.15	189.15	145.28	145.28	-0.01	SI
1 Piso	Pil	Top	B247-Ex+	-30.15	1.09	0.9E	3360	3359	3360	3359	274.00	274.00	189.20	189.20	145.32	145.32	4.04	SI
1 Piso	Pil	Bottom	B247-Ex+	-26.15	1.09	0.9E	3360	3360	3360	3360	274.00	274.00	189.26	189.26	145.36	145.36	0.01	SI
1 Piso	Pil	Top	B247-Ey+	-37.47	1.09	0.9E	3360	3361	3360	3361	274.00	274.00	189.32	189.32	145.41	145.41	4.80	SI
1 Piso	Pil	Bottom	B247-Ey+	-42.39	1.09	0.9E	3360	3362	3360	3362	274.00	274.00	189.37	189.37	145.45	145.45	0.00	SI
1 Piso	Pil	Top	B247-Ex+	-27.42	1.08	0.9E	3360	3363	3360	3363	274.00	274.00	189.43	189.43	145.49	145.49	4.51	SI
1 Piso	Pil	Bottom	B247-Ex+	-30.62	1.09	0.9E	3360	3364	3360	3364	274.00	274.00	189.49	189.49	145.54	145.54	0.00	SI
1 Piso	Pil	Top	B242 G	-67.68	1.08	0.9E	3360	3365	3360	3365	274.00	274.00	189.54	189.54	145.59	145.59	17.09	SI
1 Piso	Pil	Bottom	B242 G	-60.48	1.09	0.9E	3360	2986	3360	3366	274.00	274.00	189.60	189.60	145.62	145.62	0.00	SI
1 Piso	Pil	Top	B243-Wx+ G	-53.73	1.09	0.9E	3360	3367	3360	3367	274.00	274.00	189.65	189.65	145.67	145.67	6.50	SI
1 Piso	Pil	Bottom	B243-Wx+ G	-59.22	1.09	0.9E	3360	3368	3360	3368	274.00	274.00	189.71	189.71	145.71	145.71	0.01	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m^2)	R_x	As ext (mm^2)	fy ext (Mpa)	As int (mm^2)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MZZ (ton-m)	Cumple
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	0.96	3360	3956	3360	3068	274.00	274.00	189.77	189.77	146.75	146.75	6.50	SI
1 Piso	P9	Bottom	B243-Wy+ G	-58.29	1.09	0.96	3360	3370	3360	3370	274.00	274.00	185.82	189.82	145.79	145.79	0.01	SI
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	0.96	3360	3371	3360	3371	274.00	274.00	189.84	189.84	145.84	145.84	6.50	SI
1 Piso	P9	Bottom	B243-Wy+ G	-58.29	1.09	0.96	3360	3372	3360	3372	274.00	274.00	189.84	189.84	145.86	145.86	0.01	SI
1 Piso	P9	Top	B243-Wy+ G	-50.73	1.09	0.96	3360	3373	3360	3373	274.00	274.00	189.84	189.84	145.82	145.82	6.50	SI
1 Piso	P9	Bottom	B243-Wy+ G	-58.29	1.09	0.96	3360	3374	3360	3374	274.00	274.00	190.05	190.05	145.97	145.97	0.01	SI
1 Piso	P9	Top	B244-Wx- G	-60.96	1.09	0.96	3360	3375	3360	3375	274.00	274.00	190.11	190.11	146.01	146.01	10.00	SI
1 Piso	P9	Bottom	B244-Wx- G	-64.18	1.09	0.96	3360	3376	3360	3376	274.00	274.00	190.16	190.16	146.05	146.05	0.00	SI
1 Piso	P9	Top	B244-Wx- G	-60.96	1.09	0.96	3360	3377	3360	3377	274.00	274.00	190.22	190.22	146.10	146.10	10.00	SI
1 Piso	P9	Bottom	B244-Wx- G	-64.18	1.09	0.96	3360	3378	3360	3378	274.00	274.00	190.27	190.27	146.14	146.14	0.00	SI
1 Piso	P9	Top	B244-Wy+ G	-60.96	1.09	0.96	3360	3378	3360	3379	274.00	274.00	190.33	190.33	146.18	146.18	10.00	SI
1 Piso	P9	Bottom	B244-Wy+ G	-64.18	1.09	0.96	3360	3380	3360	3380	274.00	274.00	190.39	190.39	146.23	146.23	0.00	SI
1 Piso	P9	Top	B244-Wy+ G	-60.96	1.09	0.96	3360	3381	3360	3381	274.00	274.00	190.44	190.44	146.27	146.27	10.00	SI
1 Piso	P9	Bottom	B244-Wy+ G	-64.18	1.09	0.96	3360	3382	3360	3382	274.00	274.00	190.50	190.50	146.31	146.31	0.00	SI
1 Piso	P10	Top	B241	-40.93	1.63	0.97	3360	3383	3360	3383	294.00	294.00	204.47	204.47	157.09	157.09	-1.30	SI
1 Piso	P10	Bottom	B241	-55.25	1.63	0.97	3360	3384	3360	3384	294.00	294.00	204.53	204.53	157.13	157.13	0.00	SI
1 Piso	P10	Top	B242 Loub	-44.62	1.63	0.97	3360	3385	3360	3385	294.00	294.00	204.59	204.59	157.98	157.98	-2.45	SI
1 Piso	P10	Bottom	B242 Loub	-56.79	1.63	0.97	3360	3386	3360	3386	294.00	294.00	204.65	204.65	158.02	158.02	0.00	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	0.97	3360	3387	3360	3387	294.00	294.00	204.71	204.71	158.07	158.07	-1.07	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-46.63	1.63	0.97	3360	3388	3360	3388	294.00	294.00	204.77	204.77	158.12	158.12	0.00	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	0.97	3360	3388	3360	3389	294.00	294.00	204.83	204.83	158.16	158.16	-1.07	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-46.63	1.63	0.97	3360	3389	3360	3390	294.00	294.00	204.89	204.89	158.21	158.21	0.00	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	0.97	3360	3390	3360	3391	294.00	294.00	204.95	204.95	158.25	158.25	-1.07	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-46.63	1.63	0.97	3360	3391	3360	3392	294.00	294.00	205.01	205.01	158.30	158.30	0.00	SI
1 Piso	P10	Top	B243-Wx+ Loub	-37.23	1.63	0.97	3360	3392	3360	3393	294.00	294.00	205.07	205.07	158.35	158.35	-1.07	SI
1 Piso	P10	Bottom	B243-Wx+ Loub	-46.63	1.63	0.97	3360	3393	3360	3394	294.00	294.00	205.13	205.13	158.40	158.40	0.00	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.36	1.63	0.97	3360	3394	3360	3395	294.00	294.00	205.19	205.19	158.44	158.44	-1.84	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	0.97	3360	3395	3360	3396	294.00	294.00	205.25	205.25	158.49	158.49	0.00	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.36	1.63	0.97	3360	3396	3360	3397	294.00	294.00	205.31	205.31	158.54	158.54	-1.84	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	0.97	3360	3397	3360	3398	294.00	294.00	205.37	205.37	158.58	158.58	0.00	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.36	1.63	0.97	3360	3398	3360	3399	294.00	294.00	205.43	205.43	158.63	158.63	-1.84	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	0.97	3360	3400	3360	3400	294.00	294.00	205.49	205.49	158.68	158.68	0.00	SI
1 Piso	P10	Top	B244-Wx+ Loub	-42.36	1.63	0.97	3360	3401	3360	3401	294.00	294.00	205.55	205.55	158.72	158.72	-1.84	SI
1 Piso	P10	Bottom	B244-Wx+ Loub	-54.64	1.63	0.97	3360	3402	3360	3402	294.00	294.00	205.61	205.61	158.77	158.77	0.00	SI
1 Piso	P10	Top	B245-Ex+	-46.00	1.63	0.97	3360	3403	3360	3403	294.00	294.00	205.67	205.67	158.82	158.82	-1.82	SI
1 Piso	P10	Bottom	B245-Ex+	-59.37	1.63	0.97	3360	3404	3360	3404	294.00	294.00	205.73	205.73	158.86	158.86	-2.05	SI
1 Piso	P10	Top	B245-Ex+	-34.86	1.63	0.97	3360	3405	3360	3405	294.00	294.00	205.79	205.79	158.91	158.91	-2.05	SI
1 Piso	P10	Bottom	B245-Ex+	-46.46	1.63	0.97	3360	3406	3360	3406	294.00	294.00	205.86	205.86	158.96	158.96	0.00	SI
1 Piso	P10	Top	B245-Ex+	-34.86	1.63	0.97	3360	3407	3360	3407	294.00	294.00	205.92	205.92	159.00	159.00	-2.09	SI
1 Piso	P10	Bottom	B245-Ex+	-50.67	1.63	0.97	3360	3408	3360	3408	294.00	294.00	205.98	205.98	159.05	159.05	-0.01	SI
1 Piso	P10	Top	B245-Ex+	-42.92	1.63	0.97	3360	3409	3360	3409	294.00	294.00	206.04	206.04	159.10	159.10	-1.88	SI
1 Piso	P10	Bottom	B245-Ex+	-48.19	1.63	0.97	3360	3410	3360	3410	294.00	294.00	206.10	206.10	159.14	159.14	0.00	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	0.97	3360	3411	3360	3411	294.00	294.00	206.16	206.16	159.19	159.15	-0.62	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	0.97	3360	3412	3360	3412	294.00	294.00	206.22	206.22	159.24	159.24	0.00	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	0.97	3360	3413	3360	3413	294.00	294.00	206.28	206.28	159.28	159.28	-0.80	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	0.97	3360	3414	3360	3414	294.00	294.00	206.34	206.34	159.33	159.33	0.00	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	0.97	3360	3415	3360	3415	294.00	294.00	206.40	206.40	159.38	159.38	-0.82	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	0.97	3360	3416	3360	3416	294.00	294.00	206.45	206.45	159.42	159.42	0.00	SI
1 Piso	P10	Top	B246-Wx+	-27.44	1.63	0.97	3360	3417	3360	3417	294.00	294.00	206.51	206.52	159.47	159.47	-0.82	SI
1 Piso	P10	Bottom	B246-Wx+	-36.71	1.63	0.97	3360	3418	3360	3418	294.00	294.00	206.57	206.58	159.52	159.52	0.00	SI
1 Piso	P10	Top	B247-Ex+	-32.17	1.63	0.97	3360	3419	3360	3419	294.00	294.00	206.63	206.64	158.55	159.58	-0.76	SI
1 Piso	P10	Bottom	B247-Ex+	-41.26	1.63	0.97	3360	3420	3360	3420	294.00	294.00	206.70	206.70	159.61	159.61	-0.06	SI
1 Piso	P10	Top	B247-Ex+	-20.45	1.63	0.97	3360	3421	3360	3421	294.00	294.00	206.76	206.76	159.65	159.66	-0.85	SI
1 Piso	P10	Bottom	B247-Ex+	-28.09	1.63	0.97	3360	3422	3360	3422	294.00	294.00	206.82	206.82	159.70	159.70	0.00	SI

STORY	MURO	LOC.	COMB	Pu [ton]	Area sec. [m²]	R	As ext [mm²]	fy ext [Mpa]	As int [mm²]	fy int [Mpa]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn int [ton-m]	φMn ext [ton-m]	φMn int [ton-m]	M22 [ton-m]	Cumple
1 Piso	P10	Top	1.2(D+L)+E	-24.12	1.63	0.97	3360	3429	3360	3423	294.00	294.00	206.84	206.84	150.75	150.75	-0.95	SI
1 Piso	P10	Bottom	1.2(D+L)+E	-38.26	1.63	0.97	3360	3424	3360	3424	294.00	294.00	206.84	206.84	150.83	150.80	-0.01	SI
1 Piso	P10	Top	0.9D+E	-28.50	1.63	0.97	3360	3425	3360	3425	294.00	294.00	207.06	207.06	150.84	150.84	-0.78	SI
1 Piso	P10	Bottom	0.9D+E	-31.78	1.63	0.97	3360	3426	3360	3426	294.00	294.00	207.06	207.06	150.89	150.89	0.00	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-45.84	1.63	0.97	3360	3427	3360	3427	294.00	294.00	207.12	207.12	150.84	150.84	-2.45	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-57.76	1.63	0.97	3360	3428	3360	3428	294.00	294.00	207.18	207.18	150.99	150.99	0.00	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-40.17	1.63	0.97	3360	3429	3360	3429	294.00	294.00	207.25	207.25	150.03	150.03	-0.98	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-52.73	1.63	0.97	3360	3430	3360	3430	294.00	294.00	207.31	207.31	150.09	150.06	-0.01	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-40.17	1.63	0.97	3360	3431	3360	3431	294.00	294.00	207.37	207.37	150.12	150.12	-0.66	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-52.73	1.63	0.97	3360	3432	3360	3432	294.00	294.00	207.43	207.43	150.17	150.17	-0.01	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-40.17	1.63	0.97	3360	3433	3360	3433	294.00	294.00	207.49	207.49	150.22	150.22	-0.98	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-52.73	1.63	0.97	3360	3434	3360	3434	294.00	294.00	207.55	207.55	150.26	150.26	-0.01	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-40.17	1.63	0.97	3360	3435	3360	3435	294.00	294.00	207.61	207.61	150.31	150.31	-0.98	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-52.73	1.63	0.97	3360	3436	3360	3436	294.00	294.00	207.67	207.67	150.36	150.36	-0.01	SI
1 Piso	P10	Top	0.9D+E	-43.28	1.63	0.97	3360	3437	3360	3437	294.00	294.00	207.73	207.73	150.43	150.40	-1.41	SI
1 Piso	P10	Bottom	0.9D+E	-55.61	1.63	0.97	3360	3438	3360	3438	294.00	294.00	207.78	207.78	150.45	150.45	0.00	SI
1 Piso	P10	Top	1.2(D+L)+E	-43.28	1.63	0.97	3360	3439	3360	3439	294.00	294.00	207.84	207.85	150.52	150.50	-1.91	SI
1 Piso	P10	Bottom	1.2(D+L)+E	-55.61	1.63	0.97	3360	3440	3360	3440	294.00	294.00	207.9	207.91	150.54	150.54	0.00	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-43.28	1.63	0.97	3360	3441	3360	3441	294.00	294.00	207.97	207.97	150.59	150.59	-1.91	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-55.61	1.63	0.97	3360	3442	3360	3442	294.00	294.00	208.03	208.03	150.64	150.64	0.00	SI
1 Piso	P10	Top	1.2D+1.6L+0.5Lr	-43.28	1.63	0.97	3360	3443	3360	3443	294.00	294.00	208.09	208.09	150.68	150.68	-1.91	SI
1 Piso	P10	Bottom	1.2D+1.6L+0.5Lr	-55.61	1.63	0.97	3360	3444	3360	3444	294.00	294.00	208.15	208.15	150.73	150.73	0.00	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-46.57	1.63	0.97	4800	3445	4800	3445	294.00	294.00	297.45	297.45	229.69	229.68	2.55	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-59.61	1.63	0.97	4800	3446	4800	3446	294.00	294.00	297.53	297.53	229.73	229.75	0.01	SI
1 Piso	P11	Top	1.2(D+L)+E	-46.02	1.63	0.97	4800	3447	4800	3447	294.00	294.00	297.62	297.62	229.81	229.81	4.42	SI
1 Piso	P11	Bottom	1.2(D+L)+E	-59.21	1.63	0.97	4800	3448	4800	3448	294.00	294.00	297.71	297.77	229.88	229.88	0.01	SI
1 Piso	P11	Top	0.9D+E	-42.72	1.63	0.97	4800	3449	4800	3449	294.00	294.00	297.79	297.79	229.85	229.85	2.18	SI
1 Piso	P11	Bottom	0.9D+E	-60.28	1.63	0.97	4800	3450	4800	3450	294.00	294.00	297.88	297.88	230.01	230.01	0.01	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-42.72	1.63	0.97	4800	3451	4800	3451	294.00	294.00	297.96	297.96	230.09	230.08	2.18	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-60.28	1.63	0.97	4800	3452	4800	3452	294.00	294.00	298.05	298.05	230.15	230.15	0.01	SI
1 Piso	P11	Top	1.2(D+L)+E+0.3Lr	-42.72	1.63	0.97	4800	3453	4800	3453	294.00	294.00	298.14	298.14	230.21	230.21	2.18	SI
1 Piso	P11	Bottom	1.2(D+L)+E+0.3Lr	-60.28	1.63	0.97	4800	3454	4800	3454	294.00	294.00	298.23	298.22	230.28	230.28	0.01	SI
1 Piso	P11	Top	0.9D+E+0.3Lr	-42.72	1.63	0.97	4800	3455	4800	3455	294.00	294.00	298.31	298.31	230.35	230.35	2.18	SI
1 Piso	P11	Bottom	0.9D+E+0.3Lr	-60.28	1.63	0.97	4800	3456	4800	3456	294.00	294.00	298.40	298.40	230.41	230.41	0.01	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-49.20	1.63	0.97	4800	3457	4800	3457	294.00	294.00	298.48	298.48	230.48	230.48	3.59	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-67.18	1.63	0.97	4800	3458	4800	3458	294.00	294.00	298.57	298.57	230.55	230.55	0.01	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-49.20	1.63	0.97	4800	3459	4800	3459	294.00	294.00	298.65	298.65	230.61	230.61	3.59	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-67.18	1.63	0.97	4800	3460	4800	3460	294.00	294.00	298.74	298.74	230.68	230.68	0.01	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-49.20	1.63	0.97	4800	3461	4800	3461	294.00	294.00	298.83	298.83	230.75	230.75	3.59	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-67.18	1.63	0.97	4800	3462	4800	3462	294.00	294.00	298.91	298.91	230.81	230.81	0.01	SI
1 Piso	P11	Top	1.2D+1.6L+0.5Lr	-49.20	1.63	0.97	4800	3463	4800	3463	294.00	294.00	299.00	299.00	230.88	230.88	3.59	SI
1 Piso	P11	Bottom	1.2D+1.6L+0.5Lr	-67.18	1.63	0.97	4800	3464	4800	3464	294.00	294.00	299.09	299.09	230.95	230.95	0.01	SI
1 Piso	P11	Top	1.2(D+L)+E	-49.87	1.63	0.97	4800	3465	4800	3465	294.00	294.00	299.17	299.17	231.01	231.01	4.11	SI
1 Piso	P11	Bottom	1.2(D+L)+E	-67.46	1.63	0.97	4800	3466	4800	3466	294.00	294.00	299.26	299.26	231.08	231.08	-0.01	SI
1 Piso	P11	Top	0.9D+E	-54.29	1.63	0.97	4800	3467	4800	3467	294.00	294.00	299.35	299.35	231.15	231.15	3.94	SI
1 Piso	P11	Bottom	0.9D+E	-67.47	1.63	0.97	4800	3468	4800	3468	294.00	294.00	299.43	299.43	231.21	231.21	0.03	SI
1 Piso	P11	Top	1.2(D+L)+E+0.3Lr	-48.28	1.63	0.97	4800	3469	4800	3469	294.00	294.00	299.52	299.52	231.28	231.28	3.59	SI
1 Piso	P11	Bottom	1.2(D+L)+E+0.3Lr	-66.41	1.63	0.97	4800	3470	4800	3470	294.00	294.00	299.60	299.60	231.35	231.35	0.01	SI
1 Piso	P11	Top	0.9D+E+0.3Lr	-48.90	1.63	0.97	4800	3471	4800	3471	294.00	294.00	299.69	299.69	231.41	231.41	3.66	SI
1 Piso	P11	Bottom	0.9D+E+0.3Lr	-66.51	1.63	0.97	4800	3472	4800	3472	294.00	294.00	299.78	299.78	231.48	231.48	0.01	SI
1 Piso	P11	Top	1.2(D+L)+E	-31.41	1.63	0.97	4800	3473	4800	3473	294.00	294.00	299.86	299.86	231.55	231.55	1.63	SI
1 Piso	P11	Bottom	1.2(D+L)+E	-44.56	1.63	0.97	4800	3474	4800	3474	294.00	294.00	299.95	299.95	231.61	231.61	0.00	SI
1 Piso	P11	Top	0.9D+E	-31.41	1.63	0.97	4800	3475	4800	3475	294.00	294.00	300.04	300.04	231.68	231.68	1.63	SI
1 Piso	P11	Bottom	0.9D+E	-44.56	1.63	0.97	4800	3476	4800	3476	294.00	294.00	300.12	300.12	231.75	231.75	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área Inc. (m²)	R	As ini (mm²)	fy ext (Mpa)	As inc (mm²)	fy inc (Mpa)	d ext (mm)	d inf (mm)	Mn ext (ton-m)	Mn inf (ton-m)	øMn ext (ton-m)	øMn inf (ton-m)	M22 (ton-m)	Cumple
1 Piso	P11	Top	B246-Wx+	-31.41	1.83	0.97	4800	3477	4800	3477	294.00	294.00	300.21	300.21	231.81	231.81	1.65	Si
1 Piso	P11	Bottom	B248-Wx+	-44.55	1.83	0.97	4800	3478	4800	3478	294.00	294.00	300.30	300.30	231.88	231.88	0.00	Si
1 Piso	P11	Top	B246-Wx-	-31.41	1.83	0.97	4800	3479	4800	3479	294.00	294.00	300.38	300.38	231.95	231.95	1.65	Si
1 Piso	P11	Bottom	B246-Wx-	-44.55	1.83	0.97	4800	3480	4800	3480	294.00	294.00	300.47	300.47	232.01	232.01	0.00	Si
1 Piso	P11	Top	B247-Ex+	-22.73	1.83	0.97	4800	3481	4800	3481	294.00	294.00	300.55	300.55	232.08	232.08	2.18	Si
1 Piso	P11	Bottom	B247-Ex+	-28.51	1.83	0.97	4800	3482	4800	3482	294.00	294.00	300.64	300.64	232.15	232.15	-0.02	Si
1 Piso	P11	Top	B247-Ex-	-37.15	1.83	0.97	4800	3483	4800	3483	294.00	294.00	300.73	300.73	232.21	232.21	1.00	Si
1 Piso	P11	Bottom	B247-Ex-	-50.52	1.83	0.97	4800	3484	4800	3484	294.00	294.00	300.81	300.81	232.28	232.28	0.05	Si
1 Piso	P11	Top	B247-Ey+	-31.12	1.83	0.97	4800	3485	4800	3485	294.00	294.00	300.90	300.90	232.35	232.35	1.64	Si
1 Piso	P11	Bottom	B247-Ey+	-44.47	1.83	0.97	4800	3486	4800	3486	294.00	294.00	300.99	300.99	232.41	232.41	0.01	Si
1 Piso	P11	Top	B247-Ey-	-28.76	1.83	0.97	4800	3487	4800	3487	294.00	294.00	301.07	301.07	232.48	232.48	1.61	Si
1 Piso	P11	Bottom	B247-Ey-	-41.55	1.83	0.97	4800	3488	4800	3488	294.00	294.00	301.16	301.16	232.55	232.55	0.00	Si
1 Piso	P11	Top	B242 G	-53.32	1.83	0.97	4800	3488	4800	3488	294.00	294.00	301.25	301.25	232.61	232.61	4.43	Si
1 Piso	P11	Bottom	B242 G	-71.48	1.83	0.97	4800	3490	4800	3490	294.00	294.00	301.34	301.34	232.68	232.68	0.01	Si
1 Piso	P11	Top	B243-Wx+ G	-55.56	1.83	0.97	4800	3491	4800	3491	294.00	294.00	301.42	301.42	232.75	232.75	2.21	Si
1 Piso	P11	Bottom	B243-Wx+ G	-54.28	1.83	0.97	4800	3492	4800	3492	294.00	294.00	301.50	301.50	232.81	232.81	0.01	Si
1 Piso	P11	Top	B243-Wx- G	-46.56	1.83	0.97	4800	3493	4800	3493	294.00	294.00	301.59	301.58	232.88	232.88	2.21	Si
1 Piso	P11	Bottom	B243-Wx- G	-64.28	1.83	0.97	4800	3494	4800	3494	294.00	294.00	301.66	301.68	232.95	232.95	0.01	Si
1 Piso	P11	Top	B243-Wx+ G	-46.58	1.83	0.97	4800	3495	4800	3495	294.00	294.00	301.76	301.76	233.01	233.01	2.21	Si
1 Piso	P11	Bottom	B243-Wx+ G	-64.26	1.83	0.97	4800	3496	4800	3496	294.00	294.00	301.85	301.85	233.08	233.08	0.01	Si
1 Piso	P11	Top	B243-Wx- G	-46.58	1.83	0.97	4800	3497	4800	3497	294.00	294.00	301.94	301.94	233.15	233.15	2.21	Si
1 Piso	P11	Bottom	B243-Wx- G	-64.26	1.83	0.97	4800	3498	4800	3498	294.00	294.00	302.03	302.02	233.21	233.21	0.01	Si
1 Piso	P11	Top	B244-Wx G	-50.40	1.83	0.97	4800	3499	4800	3499	294.00	294.00	302.11	302.11	233.28	233.28	3.60	Si
1 Piso	P11	Bottom	B244-Wx G	-68.43	1.83	0.97	4800	3500	4800	3500	294.00	294.00	302.19	302.18	233.35	233.35	0.01	Si
1 Piso	P11	Top	B244-Wx+ G	-50.40	1.83	0.97	4800	3501	4800	3501	294.00	294.00	302.28	302.28	233.41	233.41	3.60	Si
1 Piso	P11	Bottom	B244-Wx+ G	-68.43	1.83	0.97	4800	3502	4800	3502	294.00	294.00	302.37	302.37	233.48	233.48	0.01	Si
1 Piso	P11	Top	B244-Wx- G	-50.40	1.83	0.97	4800	3503	4800	3503	294.00	294.00	302.45	302.45	233.55	233.55	3.60	Si
1 Piso	P11	Bottom	B244-Wx- G	-68.43	1.83	0.97	4800	3504	4800	3504	294.00	294.00	302.54	302.54	233.61	233.61	0.01	Si
1 Piso	P11	Top	B244-Wx- G	-50.40	1.83	0.97	4800	3505	4800	3505	294.00	294.00	302.63	302.63	233.68	233.68	3.60	Si
1 Piso	P11	Bottom	B244-Wx- G	-68.43	1.83	0.97	4800	3506	4800	3506	294.00	294.00	302.71	302.71	233.75	233.75	0.01	Si
1 Piso	P12	Top	B241	-51.95	1.08	0.98	3350	3507	3360	3507	274.00	274.00	197.64	197.72	151.72	151.72	-7.32	Si
1 Piso	P12	Bottom	B241	-65.50	1.09	0.98	3360	3508	3360	3508	274.00	274.00	197.69	197.80	151.77	151.77	0.00	Si
1 Piso	P12	Top	B242 Lsub	-51.41	1.08	0.98	3350	3509	3360	3509	274.00	274.00	197.69	197.85	151.81	151.81	-15.46	Si
1 Piso	P12	Bottom	B242 Lsub	-77.12	1.09	0.98	3360	3510	3360	3510	274.00	274.00	197.71	197.71	151.85	151.85	0.00	Si
1 Piso	P12	Top	B243-Wx+ Lsub	-48.35	1.09	0.98	3350	3511	3360	3511	274.00	274.00	197.77	197.77	151.89	151.89	-6.27	Si
1 Piso	P12	Bottom	B243-Wx+ Lsub	-51.11	1.09	0.98	3360	3512	3360	3512	274.00	274.00	197.82	197.84	151.94	151.94	0.00	Si
1 Piso	P12	Top	B243-Wx- Lsub	-48.35	1.09	0.98	3350	3513	3360	3513	274.00	274.00	197.84	197.88	151.95	151.98	-6.27	Si
1 Piso	P12	Bottom	B243-Wx- Lsub	-51.11	1.09	0.98	3360	3514	3360	3514	274.00	274.00	197.93	197.93	152.02	152.02	0.00	Si
1 Piso	P12	Top	B243-Wx- Lsub	-48.35	1.09	0.98	3350	3515	3360	3515	274.00	274.00	197.99	197.98	152.07	152.07	-6.27	Si
1 Piso	P12	Bottom	B243-Wx- Lsub	-51.11	1.09	0.98	3360	3516	3360	3516	274.00	274.00	198.05	198.05	152.11	152.11	0.00	Si
1 Piso	P12	Top	B243-Wx- Lsub	-48.35	1.09	0.98	3350	3517	3360	3517	274.00	274.00	198.10	198.10	152.15	152.15	-6.27	Si
1 Piso	P12	Bottom	B243-Wx- Lsub	-51.11	1.09	0.98	3360	3518	3360	3518	274.00	274.00	198.16	198.16	152.20	152.20	0.00	Si
1 Piso	P12	Top	B244-Wx+ Lsub	-59.82	1.09	0.98	3350	3519	3360	3519	274.00	274.00	198.22	198.22	152.24	152.24	-12.85	Si
1 Piso	P12	Bottom	B244-Wx+ Lsub	-68.21	1.09	0.98	3360	3520	3360	3520	274.00	274.00	198.27	198.27	152.28	152.28	0.00	Si
1 Piso	P12	Top	B244-Wx- Lsub	-59.82	1.09	0.98	3350	3521	3360	3521	274.00	274.00	198.33	198.33	152.33	152.33	-12.85	Si
1 Piso	P12	Bottom	B244-Wx- Lsub	-68.21	1.09	0.98	3350	3522	3360	3522	274.00	274.00	198.39	198.39	152.37	152.37	0.00	Si
1 Piso	P12	Top	B244-Wx- Lsub	-59.82	1.09	0.98	3350	3523	3360	3523	274.00	274.00	198.44	198.44	152.41	152.41	-12.85	Si
1 Piso	P12	Bottom	B244-Wx- Lsub	-68.21	1.09	0.98	3350	3524	3360	3524	274.00	274.00	198.50	198.50	152.46	152.46	0.00	Si
1 Piso	P12	Top	B244-Wx- Lsub	-59.82	1.09	0.98	3350	3525	3360	3525	274.00	274.00	198.55	198.55	152.50	152.50	-12.85	Si
1 Piso	P12	Bottom	B244-Wx- Lsub	-68.21	1.09	0.98	3350	3526	3360	3526	274.00	274.00	198.61	198.61	152.54	152.54	0.00	Si
1 Piso	P12	Top	B245-Ex+	-71.38	1.09	0.98	3350	3527	3360	3527	274.00	274.00	198.67	198.67	152.59	152.59	-11.84	Si
1 Piso	P12	Bottom	B245-Ex+	-80.17	1.09	0.98	3350	3528	3360	3528	274.00	274.00	198.72	198.72	152.63	152.63	-0.02	Si
1 Piso	P12	Top	B245-Ex-	-62.59	1.08	0.98	3350	3529	3360	3529	274.00	274.00	198.78	198.78	152.67	152.67	-13.46	Si
1 Piso	P12	Bottom	B245-Ex-	-80.68	1.09	0.98	3350	3530	3360	3530	274.00	274.00	198.84	198.84	152.72	152.72	0.02	Si

STORY	MURO	LOC.	COMB	Pu (ton)	Area (cm²)	K_x	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MEI (ton-m)	Cumple
1 Piso	P12	Top	8245-Ey+	-61.97	1.09	0.96	3360	3531	3360	3531	274.00	274.00	196.89	196.89	152.75	152.75	-13.86	Si
1 Piso	P12	Bottom	8245-Ey+	-59.49	1.09	0.96	3360	3532	3360	3532	274.00	274.00	196.95	196.95	152.80	152.80	0.00	Si
1 Piso	P12	Top	8245-Ey-	-72.10	1.09	0.96	3360	3533	3360	3533	274.00	274.00	197.01	197.01	152.85	152.85	-13.61	Si
1 Piso	P12	Bottom	8245-Ey-	-71.57	1.09	0.96	3360	3534	3360	3534	274.00	274.00	197.06	197.06	152.89	152.89	0.00	Si
1 Piso	P12	Top	8246-Wx+	-35.41	1.09	0.96	3360	3535	3360	3535	274.00	274.00	197.12	197.12	152.93	152.93	-4.70	Si
1 Piso	P12	Bottom	8246-Wx+	-37.54	1.09	0.96	3360	3536	3360	3536	274.00	274.00	197.17	197.17	152.99	152.99	0.00	Si
1 Piso	P12	Top	8246-Wx-	-35.41	1.09	0.96	3360	3537	3360	3537	274.00	274.00	197.23	197.23	153.02	153.02	-4.70	Si
1 Piso	P12	Bottom	8246-Wx-	-37.54	1.09	0.96	3360	3538	3360	3538	274.00	274.00	197.29	197.29	153.06	153.06	0.00	Si
1 Piso	P12	Top	8246-Wx+	-35.41	1.09	0.96	3360	3539	3360	3539	274.00	274.00	197.34	197.34	153.11	153.11	-4.70	Si
1 Piso	P12	Bottom	8246-Wx+	-37.54	1.09	0.96	3360	3540	3360	3540	274.00	274.00	197.40	197.40	153.15	153.15	0.00	Si
1 Piso	P12	Top	8246-Wx-	-35.41	1.09	0.96	3360	3541	3360	3541	274.00	274.00	197.46	197.46	153.19	153.19	-4.70	Si
1 Piso	P12	Bottom	8246-Wx-	-37.54	1.09	0.96	3360	3542	3360	3542	274.00	274.00	197.51	197.51	153.24	153.24	0.00	Si
1 Piso	P12	Top	8247-Ey+	-37.74	1.09	0.96	3360	3543	3360	3543	274.00	274.00	197.57	197.57	153.28	153.28	-4.89	Si
1 Piso	P12	Bottom	8247-Ey+	-50.32	1.09	0.96	3360	3544	3360	3544	274.00	274.00	197.62	197.62	153.32	153.32	-0.02	Si
1 Piso	P12	Top	8247-Ey-	-24.05	1.09	0.96	3360	3545	3360	3545	274.00	274.00	197.68	197.68	153.37	153.37	-5.51	Si
1 Piso	P12	Bottom	8247-Ey-	-23.04	1.09	0.96	3360	3546	3360	3546	274.00	274.00	197.74	197.74	153.41	153.41	0.02	Si
1 Piso	P12	Top	8247-Ey+	-22.33	1.09	0.96	3360	3547	3360	3547	274.00	274.00	197.79	197.79	153.45	153.45	-4.74	Si
1 Piso	P12	Bottom	8247-Ey+	-25.84	1.09	0.96	3360	3548	3360	3548	274.00	274.00	197.85	197.85	153.50	153.50	0.00	Si
1 Piso	P12	Top	8247-Ex-	-39.46	1.09	0.96	3360	3549	3360	3549	274.00	274.00	197.91	197.91	153.54	153.54	-4.68	Si
1 Piso	P12	Bottom	8247-Ex-	-41.72	1.09	0.96	3360	3550	3360	3550	274.00	274.00	197.96	197.96	153.59	153.59	0.00	Si
1 Piso	P12	Top	8242 Ex	-83.06	1.09	0.96	3360	3551	3360	3551	274.00	274.00	200.02	200.02	153.63	153.63	-16.46	Si
1 Piso	P12	Bottom	8242 Ex	-78.63	1.09	0.96	3360	3552	3360	3552	274.00	274.00	200.08	200.08	153.67	153.67	0.00	Si
1 Piso	P12	Top	8242-Wx- G	-53.56	1.09	0.96	3360	3553	3360	3553	274.00	274.00	200.13	200.13	153.71	153.71	-6.26	Si
1 Piso	P12	Bottom	8242-Wx- G	-55.96	1.09	0.96	3360	3554	3360	3554	274.00	274.00	200.19	200.19	153.76	153.76	0.00	Si
1 Piso	P12	Top	8243-Wy- G	-53.58	1.09	0.96	3360	3555	3360	3555	274.00	274.00	200.24	200.24	153.80	153.80	-6.26	Si
1 Piso	P12	Bottom	8243-Wy- G	-55.98	1.09	0.96	3360	3556	3360	3556	274.00	274.00	200.30	200.30	153.84	153.84	0.00	Si
1 Piso	P12	Top	8243-Wx- G	-53.58	1.09	0.96	3360	3557	3360	3557	274.00	274.00	200.35	200.35	153.89	153.89	-6.26	Si
1 Piso	P12	Bottom	8243-Wx- G	-55.98	1.09	0.96	3360	3558	3360	3558	274.00	274.00	200.41	200.41	153.93	153.93	0.00	Si
1 Piso	P12	Top	8243-Wy+ G	-53.58	1.09	0.96	3360	3559	3360	3559	274.00	274.00	200.47	200.47	153.97	153.97	-6.26	Si
1 Piso	P12	Bottom	8243-Wy+ G	-55.98	1.09	0.96	3360	3560	3360	3560	274.00	274.00	200.53	200.53	154.01	154.01	0.00	Si
1 Piso	P12	Top	8244-Wx- G	-71.56	1.09	0.96	3360	3561	3360	3561	274.00	274.00	200.58	200.58	154.05	154.05	-12.65	Si
1 Piso	P12	Bottom	8244-Wx- G	-69.72	1.09	0.96	3360	3562	3360	3562	274.00	274.00	200.64	200.64	154.10	154.10	0.00	Si
1 Piso	P12	Top	8244-Wy+ G	-71.56	1.09	0.96	3360	3563	3360	3563	274.00	274.00	200.69	200.69	154.14	154.14	-12.65	Si
1 Piso	P12	Bottom	8244-Wy+ G	-69.72	1.09	0.96	3360	3564	3360	3564	274.00	274.00	200.75	200.75	154.18	154.18	0.00	Si
1 Piso	P12	Top	8244-Wy- G	-71.56	1.09	0.96	3360	3565	3360	3565	274.00	274.00	200.81	200.81	154.23	154.23	-12.65	Si
1 Piso	P12	Bottom	8244-Wy- G	-69.72	1.09	0.96	3360	3566	3360	3566	274.00	274.00	200.86	200.86	154.27	154.27	0.00	Si
1 Piso	P12	Top	8244-Wy+ G	-71.56	1.09	0.96	3360	3567	3360	3567	274.00	274.00	200.92	200.92	154.32	154.32	-12.65	Si
1 Piso	P12	Bottom	8244-Wy+ G	-69.72	1.09	0.96	3360	3568	3360	3568	274.00	274.00	200.98	200.98	154.36	154.36	0.00	Si
1 Piso	P14	Top	8241	-45.20	0.97	0.96	2400	3569	2400	3569	274.00	274.00	143.58	143.58	110.28	110.28	-3.83	Si
1 Piso	P14	Bottom	8241	-42.63	0.97	0.96	2400	3570	2400	3570	274.00	274.00	143.61	143.61	110.32	110.32	0.00	Si
1 Piso	P14	Top	8242 Ley	-78.48	0.97	0.96	2400	3571	2400	3571	274.00	274.00	143.68	143.68	110.35	110.35	-0.85	Si
1 Piso	P14	Bottom	8242 Ley	-80.67	0.97	0.96	2400	3572	2400	3572	274.00	274.00	143.72	143.72	110.38	110.38	0.00	Si
1 Piso	P14	Top	8243-Wx+ Lcub	-45.06	0.97	0.96	2400	3573	2400	3573	274.00	274.00	143.76	143.76	110.41	110.41	-3.06	Si
1 Piso	P14	Bottom	8243-Wx+ Lcub	-38.19	0.97	0.96	2400	3574	2400	3574	274.00	274.00	143.80	143.80	110.44	110.44	0.00	Si
1 Piso	P14	Top	8243-Wx- Lcub	-45.06	0.97	0.96	2400	3575	2400	3575	274.00	274.00	143.84	143.84	110.47	110.47	-3.06	Si
1 Piso	P14	Bottom	8243-Wx- Lcub	-38.19	0.97	0.96	2400	3576	2400	3576	274.00	274.00	143.88	143.88	110.50	110.50	0.00	Si
1 Piso	P14	Top	8243-Wy+ Lcub	-45.06	0.97	0.96	2400	3577	2400	3577	274.00	274.00	143.92	143.92	110.53	110.53	-3.06	Si
1 Piso	P14	Bottom	8243-Wy+ Lcub	-38.19	0.97	0.96	2400	3578	2400	3578	274.00	274.00	143.96	143.96	110.57	110.57	0.00	Si
1 Piso	P14	Top	8243-Wy- Lcub	-45.06	0.97	0.96	2400	3579	2400	3579	274.00	274.00	144.00	144.00	110.60	110.60	-3.06	Si
1 Piso	P14	Bottom	8243-Wy- Lcub	-38.19	0.97	0.96	2400	3580	2400	3580	274.00	274.00	144.04	144.04	110.63	110.63	0.00	Si
1 Piso	P14	Top	8244-Wx+ Lcub	-54.33	0.97	0.96	2400	3581	2400	3581	274.00	274.00	144.08	144.08	110.66	110.66	-5.42	Si
1 Piso	P14	Bottom	8244-Wx+ Lcub	-53.25	0.97	0.96	2400	3582	2400	3582	274.00	274.00	144.12	144.12	110.69	110.69	0.00	Si
1 Piso	P14	Top	8244-Wx- Lcub	-54.33	0.97	0.96	2400	3583	2400	3583	274.00	274.00	144.16	144.16	110.72	110.72	-5.42	Si
1 Piso	P14	Bottom	8244-Wx- Lcub	-53.25	0.97	0.96	2400	3584	2400	3584	274.00	274.00	144.20	144.20	110.75	110.75	0.00	Si

STORY	MURO	LOC.	COMB	Pu (ton)	Área asc. (m²)	R_y	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn ext (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
1 Piso	P14	Top	B244-Wx+ Lcub	-54.33	0.97	0.95	2400	3585	2400	3585	274.00	274.00	144.21	144.26	110.71	110.75	-6.42	SI
1 Piso	P14	Bottom	B244-Wx+ Lcub	-53.25	0.97	0.95	2400	3586	2400	3586	274.00	274.00	144.20	144.25	110.81	110.81	0.00	SI
1 Piso	P14	Top	B244-Wx- Lcub	-54.33	0.97	0.95	2400	3587	2400	3587	274.00	274.00	144.27	144.32	110.84	110.84	-6.42	SI
1 Piso	P14	Bottom	B244-Wx- Lcub	-53.25	0.97	0.95	2400	3588	2400	3588	274.00	274.00	144.30	144.35	110.85	110.85	0.00	SI
1 Piso	P14	Top	B245-Ex-	-60.87	0.97	0.95	2400	3589	2400	3589	274.00	274.00	144.40	144.45	110.91	110.91	-6.80	SI
1 Piso	P14	Bottom	B245-Ex+	-60.80	0.97	0.95	2400	3590	2400	3590	274.00	274.00	144.41	144.46	110.84	110.84	0.00	SI
1 Piso	P14	Top	B245-Ex-	-62.23	0.97	0.95	2400	3591	2400	3591	274.00	274.00	144.41	144.48	110.87	110.87	-6.11	SI
1 Piso	P14	Bottom	B245-Ex+	-51.68	0.97	0.95	2400	3592	2400	3592	274.00	274.00	144.51	144.52	111.03	111.03	0.00	SI
1 Piso	P14	Top	B245-Ey+	-62.20	0.97	0.95	2400	3593	2400	3593	274.00	274.00	144.50	144.56	111.03	111.03	-6.45	SI
1 Piso	P14	Bottom	B245-Ey+	-51.65	0.97	0.95	2400	3594	2400	3594	274.00	274.00	144.60	144.60	111.05	111.05	0.00	SI
1 Piso	P14	Top	B245-Ey-	-60.80	0.97	0.95	2400	3595	2400	3595	274.00	274.00	144.64	144.64	111.09	111.09	-6.45	SI
1 Piso	P14	Bottom	B245-Ey-	-50.63	0.97	0.95	2400	3596	2400	3596	274.00	274.00	144.68	144.68	111.12	111.12	0.00	SI
1 Piso	P14	Top	B246-Wx+	-62.98	0.97	0.95	2400	3597	2400	3597	274.00	274.00	144.72	144.72	111.15	111.15	-2.31	SI
1 Piso	P14	Bottom	B246-Wx+	-28.80	0.97	0.95	2400	3598	2400	3598	274.00	274.00	144.76	144.76	111.19	111.19	0.00	SI
1 Piso	P14	Top	B246-Wx-	-32.98	0.97	0.95	2400	3599	2400	3599	274.00	274.00	144.80	144.80	111.22	111.22	-2.31	SI
1 Piso	P14	Bottom	B246-Wx-	-28.80	0.97	0.95	2400	3600	2400	3600	274.00	274.00	144.84	144.84	111.25	111.25	0.00	SI
1 Piso	P14	Top	B246-Wx+	-32.98	0.97	0.95	2400	3601	2400	3601	274.00	274.00	144.84	144.88	111.28	111.28	-2.31	SI
1 Piso	P14	Bottom	B246-Wx+	-28.80	0.97	0.95	2400	3602	2400	3602	274.00	274.00	144.92	144.92	111.31	111.31	0.00	SI
1 Piso	P14	Top	B246-Wx-	-32.98	0.97	0.95	2400	3603	2400	3603	274.00	274.00	144.88	144.96	111.34	111.34	-2.31	SI
1 Piso	P14	Bottom	B246-Wx-	-28.80	0.97	0.95	2400	3604	2400	3604	274.00	274.00	145.00	145.00	111.37	111.37	0.00	SI
1 Piso	P14	Top	B247-Ex+	-30.06	0.97	0.95	2400	3605	2400	3605	274.00	274.00	145.04	145.04	111.40	111.40	-2.83	SI
1 Piso	P14	Bottom	B247-Ex+	-26.96	0.97	0.95	2400	3606	2400	3606	274.00	274.00	145.08	145.08	111.43	111.43	0.00	SI
1 Piso	P14	Top	B247-Ex-	-31.79	0.97	0.95	2400	3607	2400	3607	274.00	274.00	145.12	145.12	111.46	111.46	-1.89	SI
1 Piso	P14	Bottom	B247-Ex-	-27.85	0.97	0.95	2400	3608	2400	3608	274.00	274.00	145.16	145.16	111.49	111.49	0.00	SI
1 Piso	P14	Top	B247-Ey+	-31.59	0.97	0.95	2400	3609	2400	3609	274.00	274.00	145.20	145.20	111.52	111.52	-2.33	SI
1 Piso	P14	Bottom	B247-Ey+	-27.81	0.97	0.95	2400	3610	2400	3610	274.00	274.00	145.24	145.24	111.55	111.58	0.00	SI
1 Piso	P14	Top	B247-Ey-	-30.40	0.97	0.95	2400	3611	2400	3611	274.00	274.00	145.28	145.28	111.58	111.58	-2.33	SI
1 Piso	P14	Bottom	B247-Ey-	-26.49	0.97	0.95	2400	3612	2400	3612	274.00	274.00	145.32	145.32	111.62	111.62	0.00	SI
1 Piso	P14	Top	B242 C	-78.06	0.97	0.95	2400	3613	2400	3613	274.00	274.00	145.37	145.37	111.65	111.65	-6.45	SI
1 Piso	P14	Bottom	B242 L	-58.81	0.97	0.95	2400	3614	2400	3614	274.00	274.00	145.41	145.41	111.68	111.68	0.00	SI
1 Piso	P14	Top	B243-Wx- G	-50.08	0.97	0.95	2400	3615	2400	3615	274.00	274.00	145.45	145.45	111.71	111.71	-3.00	SI
1 Piso	P14	Bottom	B243-Wx- G	-42.83	0.97	0.95	2400	3616	2400	3616	274.00	274.00	145.49	145.49	111.74	111.74	0.00	SI
1 Piso	P14	Top	B243-Wx+ G	-50.08	0.97	0.95	2400	3617	2400	3617	274.00	274.00	145.53	145.53	111.77	111.77	-3.00	SI
1 Piso	P14	Bottom	B243-Wx+ G	-42.83	0.97	0.95	2400	3618	2400	3618	274.00	274.00	145.57	145.57	111.80	111.80	0.00	SI
1 Piso	P14	Top	B243-Wx+ G	-50.08	0.97	0.95	2400	3619	2400	3619	274.00	274.00	145.61	145.61	111.83	111.83	-3.00	SI
1 Piso	P14	Bottom	B243-Wx+ G	-42.83	0.97	0.95	2400	3620	2400	3620	274.00	274.00	145.65	145.65	111.86	111.86	0.00	SI
1 Piso	P14	Top	B243-Wx- G	-50.08	0.97	0.95	2400	3621	2400	3621	274.00	274.00	145.69	145.69	111.90	111.90	-3.00	SI
1 Piso	P14	Bottom	B243-Wx- G	-42.83	0.97	0.95	2400	3622	2400	3622	274.00	274.00	145.73	145.73	111.93	111.93	0.00	SI
1 Piso	P14	Top	B244-Wx- G	-55.60	0.97	0.95	2400	3623	2400	3623	274.00	274.00	145.77	145.77	111.96	111.96	-6.40	SI
1 Piso	P14	Bottom	B244-Wx- G	-54.38	0.97	0.95	2400	3624	2400	3624	274.00	274.00	145.81	145.81	111.99	111.99	0.00	SI
1 Piso	P14	Top	B244-Wx- G	-65.50	0.97	0.95	2400	3625	2400	3625	274.00	274.00	145.85	145.85	112.02	112.02	-6.40	SI
1 Piso	P14	Bottom	B244-Wx+ G	-54.38	0.97	0.95	2400	3626	2400	3626	274.00	274.00	145.89	145.89	112.05	112.05	0.00	SI
1 Piso	P14	Top	B244-Wx+ G	-65.50	0.97	0.95	2400	3627	2400	3627	274.00	274.00	145.93	145.93	112.08	112.09	-6.40	SI
1 Piso	P14	Bottom	B244-Wx+ G	-54.38	0.97	0.95	2400	3628	2400	3628	274.00	274.00	145.97	145.97	112.11	112.11	0.00	SI
1 Piso	P14	Top	B244-Wx+ G	-65.00	0.97	0.95	2400	3629	2400	3629	274.00	274.00	146.01	146.01	112.14	112.14	-6.40	SI
1 Piso	P14	Bottom	B244-Wx+ G	-54.38	0.97	0.95	2400	3630	2400	3630	274.00	274.00	146.05	146.05	112.17	112.17	0.00	SI
1 Piso	P15	Top	B241	-61.18	1.11	0.95	3360	3631	3360	3631	274.00	274.00	204.53	204.53	157.09	157.08	-7.35	SI
1 Piso	P15	Bottom	B241	-58.76	1.11	0.95	3360	3632	3360	3632	274.00	274.00	204.58	204.58	157.13	157.13	0.00	SI
1 Piso	P15	Top	B242 Lcub	-78.47	1.11	0.95	3360	3633	3360	3633	274.00	274.00	204.64	204.64	157.17	157.17	-13.87	SI
1 Piso	P15	Bottom	B242 Lcub	-79.15	1.11	0.95	3360	3634	3360	3634	274.00	274.00	204.68	204.68	157.22	157.22	0.00	SI
1 Piso	P15	Top	B243-Wx+ Lcub	-47.33	1.11	0.95	3360	3635	3360	3635	274.00	274.00	204.75	204.75	157.25	157.25	-8.08	SI
1 Piso	P15	Bottom	B243-Wx+ Lcub	-51.90	1.11	0.95	3360	3636	3360	3636	274.00	274.00	204.81	204.81	157.30	157.30	0.00	SI
1 Piso	P15	Top	B243-Wx- Lcub	-47.03	1.11	0.95	3360	3637	3360	3637	274.00	274.00	204.86	204.86	157.35	157.35	-8.26	SI
1 Piso	P15	Bottom	B243-Wx- Lcub	-51.80	1.11	0.95	3360	3638	3360	3638	274.00	274.00	204.92	204.92	157.39	157.39	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Bar (in²)	R	As req (mm²)	fy ext (kips)	As ext (mm²)	dy int (kips)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	M12 (ton-m)	Cumple
1 Piso	P15	Top	B243-Wx+ Lcub	-47.03	1.11	0.9E	3350	3636	3360	3638	274.00	274.00	204.94	205.98	157.43	157.43	-6.26	SI
1 Piso	P15	Bottom	B243-Wx+ Lcub	-51.90	1.11	0.9E	3350	3640	3360	3640	274.00	274.00	205.03	205.03	157.49	157.49	0.00	SI
1 Piso	P15	Top	B243-Wx+ Lcub	-47.03	1.11	0.9E	3350	3641	3360	3641	274.00	274.00	205.04	205.09	157.52	157.52	-6.26	SI
1 Piso	P15	Bottom	B243-Wx+ Lcub	-51.90	1.11	0.9E	3350	3642	3360	3642	274.00	274.00	205.14	205.14	157.59	157.59	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-59.31	1.11	0.9E	3350	3643	3360	3643	274.00	274.00	205.20	205.20	157.61	157.63	-11.01	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-65.68	1.11	0.9E	3350	3644	3360	3644	274.00	274.00	205.26	205.26	157.65	157.65	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-59.31	1.11	0.9E	3350	3645	3360	3645	274.00	274.00	205.31	205.31	157.69	157.69	-11.01	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-65.68	1.11	0.9E	3350	3646	3360	3646	274.00	274.00	205.37	205.37	157.74	157.74	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-59.31	1.11	0.9E	3350	3647	3360	3647	274.00	274.00	205.43	205.43	157.78	157.78	-11.01	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-65.68	1.11	0.9E	3350	3648	3360	3648	274.00	274.00	205.48	205.48	157.82	157.82	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-59.31	1.11	0.9E	3350	3649	3360	3649	274.00	274.00	205.54	205.54	157.87	157.87	-11.01	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-65.68	1.11	0.9E	3350	3650	3360	3650	274.00	274.00	205.60	205.60	157.91	157.91	0.00	SI
1 Piso	P15	Top	B245-Ex+	-84.22	1.11	0.9E	3350	3651	3360	3651	274.00	274.00	205.65	205.65	157.95	157.95	-10.58	SI
1 Piso	P15	Bottom	B245-Ex+	-72.50	1.11	0.9E	3350	3652	3360	3652	274.00	274.00	205.71	205.71	157.99	157.99	-8.01	SI
1 Piso	P15	Top	B245-Ex-	-79.60	1.11	0.9E	3350	3653	3360	3653	274.00	274.00	205.76	205.76	158.04	158.04	-11.50	SI
1 Piso	P15	Bottom	B245-Ex-	-54.50	1.11	0.9E	3350	3654	3360	3654	274.00	274.00	205.82	205.82	158.08	158.08	0.01	SI
1 Piso	P15	Top	B245-Ex+	-56.82	1.11	0.9E	3350	3655	3360	3655	274.00	274.00	205.88	205.88	158.12	158.12	-11.04	SI
1 Piso	P15	Bottom	B245-Ex+	-69.24	1.11	0.9E	3350	3656	3360	3656	274.00	274.00	205.93	205.93	158.17	158.17	0.00	SI
1 Piso	P15	Top	B245-Ex+	-57.01	1.11	0.9E	3350	3657	3360	3657	274.00	274.00	205.99	205.99	158.21	158.21	-11.02	SI
1 Piso	P15	Bottom	B245-Ex-	-57.76	1.11	0.9E	3350	3658	3360	3658	274.00	274.00	206.03	206.06	158.25	158.25	0.00	SI
1 Piso	P15	Top	B246-Wx+	-34.58	1.11	0.9E	3350	3659	3360	3659	274.00	274.00	206.10	206.10	158.30	158.30	-4.71	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	0.9E	3350	3660	3360	3660	274.00	274.00	206.16	206.16	158.34	158.34	0.00	SI
1 Piso	P15	Top	B246-Wx+	-34.58	1.11	0.9E	3350	3661	3360	3661	274.00	274.00	206.21	206.21	158.38	158.38	-4.71	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	0.9E	3350	3662	3360	3662	274.00	274.00	206.27	206.27	158.43	158.43	0.00	SI
1 Piso	P15	Top	B246-Wx+	-34.58	1.11	0.9E	3350	3663	3360	3663	274.00	274.00	206.33	206.33	158.47	158.47	-4.71	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	0.9E	3350	3664	3360	3664	274.00	274.00	206.38	206.38	158.51	158.51	0.00	SI
1 Piso	P15	Top	B246-Wx+	-34.58	1.11	0.9E	3350	3665	3360	3665	274.00	274.00	206.44	206.44	158.55	158.55	-4.71	SI
1 Piso	P15	Bottom	B246-Wx+	-38.14	1.11	0.9E	3350	3666	3360	3666	274.00	274.00	206.50	206.50	158.60	158.60	0.00	SI
1 Piso	P15	Top	B247-Ex+	-35.21	1.11	0.9E	3350	3667	3360	3667	274.00	274.00	206.55	206.55	158.64	158.64	-4.25	SI
1 Piso	P15	Bottom	B247-Ex+	-45.48	1.11	0.9E	3350	3668	3360	3668	274.00	274.00	206.61	206.61	158.68	158.68	-0.01	SI
1 Piso	P15	Top	B247-Ex-	-34.59	1.11	0.9E	3350	3669	3360	3669	274.00	274.00	206.67	206.67	158.73	158.73	-5.30	SI
1 Piso	P15	Bottom	B247-Ex+	-27.68	1.11	0.9E	3350	3670	3360	3670	274.00	274.00	206.72	206.72	158.77	158.77	0.01	SI
1 Piso	P15	Top	B247-Ex+	-37.61	1.11	0.9E	3350	3671	3360	3671	274.00	274.00	206.78	206.78	158.82	158.82	-4.73	SI
1 Piso	P15	Bottom	B247-Ex+	-42.23	1.11	0.9E	3350	3672	3360	3672	274.00	274.00	206.83	206.83	158.86	158.86	0.00	SI
1 Piso	P15	Top	B247-Ex+	-27.69	1.11	0.9E	3350	3673	3360	3673	274.00	274.00	206.89	206.89	158.90	158.90	-4.73	SI
1 Piso	P15	Bottom	B247-Ex+	-30.75	1.11	0.9E	3350	3674	3360	3674	274.00	274.00	206.95	206.95	158.95	158.95	0.00	SI
1 Piso	P15	Top	B242-Cx-	-74.52	1.11	0.9E	3350	3675	3360	3675	274.00	274.00	207.00	207.00	158.99	158.99	-13.8	SI
1 Piso	P15	Bottom	B242-Cx-	-74.47	1.11	0.9E	3350	3676	3360	3676	274.00	274.00	207.06	207.06	159.03	159.03	0.00	SI
1 Piso	P15	Top	B243-Wx-G	-51.35	1.11	0.9E	3350	3677	3360	3677	274.00	274.00	207.12	207.12	159.08	159.08	-8.22	SI
1 Piso	P15	Bottom	B243-Wx-G	-56.10	1.11	0.9E	3350	3678	3360	3678	274.00	274.00	207.17	207.17	159.12	159.12	0.00	SI
1 Piso	P15	Top	B243-Wx-G	-51.35	1.11	0.9E	3350	3679	3360	3679	274.00	274.00	207.23	207.23	159.16	159.16	-8.22	SI
1 Piso	P15	Bottom	B243-Wx-G	-56.10	1.11	0.9E	3350	3680	3360	3680	274.00	274.00	207.29	207.29	159.21	159.21	0.00	SI
1 Piso	P15	Top	B243-Wx-G	-51.35	1.11	0.9E	3350	3681	3360	3681	274.00	274.00	207.34	207.34	159.25	159.25	-8.22	SI
1 Piso	P15	Bottom	B243-Wx-G	-56.10	1.11	0.9E	3350	3682	3360	3682	274.00	274.00	207.40	207.40	159.29	159.29	0.00	SI
1 Piso	P15	Top	B243-Wx-G	-51.35	1.11	0.9E	3350	3683	3360	3683	274.00	274.00	207.45	207.45	159.34	159.34	-8.22	SI
1 Piso	P15	Bottom	B243-Wx-G	-56.10	1.11	0.9E	3350	3684	3360	3684	274.00	274.00	207.51	207.51	159.38	159.38	0.00	SI
1 Piso	P15	Top	B244-Wx-G	-65.66	1.11	0.9E	3350	3685	3360	3685	274.00	274.00	207.57	207.57	159.42	159.42	-10.96	SI
1 Piso	P15	Bottom	B244-Wx-G	-67.22	1.11	0.9E	3350	3686	3360	3686	274.00	274.00	207.62	207.62	159.47	159.47	0.00	SI
1 Piso	P15	Top	B244-Wx-G	-65.66	1.11	0.9E	3350	3687	3360	3687	274.00	274.00	207.68	207.68	159.51	159.51	-10.96	SI
1 Piso	P15	Bottom	B244-Wx-G	-67.22	1.11	0.9E	3350	3688	3360	3688	274.00	274.00	207.74	207.74	159.55	159.55	0.00	SI
1 Piso	P15	Top	B244-Wx-G	-65.66	1.11	0.9E	3350	3689	3360	3689	274.00	274.00	207.79	207.79	159.60	159.60	-10.96	SI
1 Piso	P15	Bottom	B244-Wx-G	-67.22	1.11	0.9E	3350	3690	3360	3690	274.00	274.00	207.85	207.85	159.64	159.64	0.00	SI
1 Piso	P15	Top	B244-Wx-G	-65.66	1.11	0.9E	3350	3691	3360	3691	274.00	274.00	207.90	207.90	159.69	159.69	-10.96	SI
1 Piso	P15	Bottom	B244-Wx-G	-67.22	1.11	0.9E	3350	3692	3360	3692	274.00	274.00	207.96	207.96	159.73	159.73	0.00	SI

STORY	MURO	LOC.	COMB.	Pu [kon]	Area sec. [m²]	R_y	As ext [mm²]	fy ext [kg/cm²]	As int [cm²]	fy int [kg/cm²]	d ext [mm]	d int [cm]	Mn ext [ton-m]	Mn int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	MR2 [ton-m]	Cumple
1 Piso	P15	Top	B241	-13.64	0.53	0.97	1920	3693	1920	3693	294.00	294.00	127.51	127.64	98.49	98.49	-0.05	SI
1 Piso	P15	Bottom	B141	-20.77	0.53	0.97	1920	3694	1920	3694	294.00	294.00	127.51	127.58	98.57	98.51	0.00	SI
1 Piso	P15	Top	B242 Lcub	-16.44	0.53	0.91	1920	3695	1920	3695	294.00	294.00	127.61	127.61	98.54	98.54	0.07	SI
1 Piso	P15	Bottom	B242 Lcub	-23.82	0.53	0.97	1920	3696	1920	3696	294.00	294.00	127.65	127.65	98.57	98.57	0.00	SI
1 Piso	P15	Top	B243-Wx+ Lcub	-12.90	0.53	0.97	1920	3697	1920	3697	294.00	294.00	127.68	127.68	98.59	98.59	-0.04	SI
1 Piso	P15	Bottom	B243-Wx+ Lcub	-19.98	0.53	0.97	1920	3698	1920	3698	294.00	294.00	127.72	127.72	98.62	98.62	0.00	SI
1 Piso	P15	Top	B243-Wx+ Lcub	-12.90	0.53	0.97	1920	3699	1920	3699	294.00	294.00	127.75	127.75	98.65	98.65	-0.04	SI
1 Piso	P15	Bottom	B243-Wx+ Lcub	-19.98	0.53	0.97	1920	3700	1920	3700	294.00	294.00	127.79	127.79	98.67	98.67	0.00	SI
1 Piso	P15	Top	B243-Wy+ Lcub	-12.90	0.53	0.97	1920	3701	1920	3701	294.00	294.00	127.82	127.82	98.70	98.70	-0.04	SI
1 Piso	P15	Bottom	B243-Wy+ Lcub	-19.98	0.53	0.97	1920	3702	1920	3702	294.00	294.00	127.86	127.85	98.73	98.73	0.00	SI
1 Piso	P15	Top	B243-Wy+ Lcub	-12.90	0.53	0.97	1920	3703	1920	3703	294.00	294.00	127.89	127.88	98.76	98.76	-0.04	SI
1 Piso	P15	Bottom	B243-Wy+ Lcub	-19.98	0.53	0.97	1920	3704	1920	3704	294.00	294.00	127.93	127.92	98.78	98.78	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-15.40	0.53	0.97	1920	3705	1920	3705	294.00	294.00	127.96	127.96	98.81	98.81	0.02	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-22.41	0.53	0.97	1920	3706	1920	3706	294.00	294.00	127.99	127.99	98.83	98.83	0.00	SI
1 Piso	P15	Top	B244-Wx+ Lcub	-15.40	0.53	0.97	1920	3707	1920	3707	294.00	294.00	128.03	128.03	98.86	98.86	0.02	SI
1 Piso	P15	Bottom	B244-Wx+ Lcub	-22.41	0.53	0.97	1920	3708	1920	3708	294.00	294.00	128.06	128.06	98.88	98.88	0.00	SI
1 Piso	P15	Top	B244-Wy+ Lcub	-15.40	0.53	0.97	1920	3709	1920	3709	294.00	294.00	128.10	128.10	98.91	98.91	0.02	SI
1 Piso	P15	Bottom	B244-Wy+ Lcub	-22.41	0.53	0.97	1920	3710	1920	3710	294.00	294.00	128.13	128.13	98.94	98.94	0.00	SI
1 Piso	P15	Top	B244-Wy+ Lcub	-15.40	0.53	0.97	1920	3711	1920	3711	294.00	294.00	128.17	128.17	98.97	98.97	0.02	SI
1 Piso	P15	Bottom	B244-Wy+ Lcub	-22.41	0.53	0.97	1920	3712	1920	3712	294.00	294.00	128.20	128.20	98.99	98.99	0.00	SI
1 Piso	P15	Top	B245-Ex+	-15.21	0.53	0.97	1920	3713	1920	3713	294.00	294.00	128.23	128.23	99.02	99.02	0.00	SI
1 Piso	P15	Bottom	B245-Ex+	-22.18	0.53	0.81	1920	3714	1920	3714	294.00	294.00	128.27	128.27	99.05	99.05	0.00	SI
1 Piso	P15	Top	B245-Ex-	-13.77	0.53	0.81	1920	3715	1920	3715	294.00	294.00	128.30	128.30	99.07	99.07	0.02	SI
1 Piso	P15	Bottom	B245-Ex-	-20.94	0.53	0.97	1920	3716	1920	3716	294.00	294.00	128.34	128.34	99.10	99.10	0.00	SI
1 Piso	P15	Top	B245-Ey+	-14.05	0.53	0.81	1920	3717	1920	3717	294.00	294.00	128.37	128.37	99.13	99.13	0.00	SI
1 Piso	P15	Bottom	B245-Ey+	-19.98	0.53	0.97	1920	3718	1920	3718	294.00	294.00	128.41	128.41	99.15	99.15	0.00	SI
1 Piso	P15	Top	B245-Ey-	-14.42	0.53	0.81	1920	3719	1920	3719	294.00	294.00	128.44	128.44	99.18	99.18	0.08	SI
1 Piso	P15	Bottom	B245-Ey-	-23.87	0.53	0.97	1920	3720	1920	3720	294.00	294.00	128.48	128.48	99.21	99.21	0.00	SI
1 Piso	P15	Top	B246-Wx+	-9.41	0.53	0.97	1920	3721	1920	3721	294.00	294.00	128.51	128.51	99.23	99.23	-0.03	SI
1 Piso	P15	Bottom	B246-Wx+	-14.07	0.53	0.81	1920	3722	1920	3722	294.00	294.00	128.55	128.55	99.26	99.26	0.00	SI
1 Piso	P15	Top	B246-Wx-	-9.41	0.53	0.97	1920	3723	1920	3723	294.00	294.00	128.58	128.58	99.28	99.28	-0.03	SI
1 Piso	P15	Bottom	B246-Wx-	-14.07	0.53	0.81	1920	3724	1920	3724	294.00	294.00	128.61	128.61	99.31	99.31	0.00	SI
1 Piso	P15	Top	B246-Wy+	-9.41	0.53	0.97	1920	3725	1920	3725	294.00	294.00	128.65	128.65	99.34	99.34	-0.03	SI
1 Piso	P15	Bottom	B246-Wy+	-14.07	0.53	0.97	1920	3726	1920	3726	294.00	294.00	128.68	128.68	99.37	99.37	0.00	SI
1 Piso	P15	Top	B246-Wy-	-9.41	0.53	0.81	1920	3727	1920	3727	294.00	294.00	128.72	128.72	99.39	99.39	-0.03	SI
1 Piso	P15	Bottom	B246-Wy-	-14.07	0.53	0.97	1920	3728	1920	3728	294.00	294.00	128.75	128.75	99.42	99.42	0.00	SI
1 Piso	P15	Top	B247-Ex+	-9.40	0.53	0.81	1920	3729	1920	3729	294.00	294.00	128.79	128.79	99.45	99.45	0.01	SI
1 Piso	P15	Bottom	B247-Ex+	-14.17	0.53	0.97	1920	3730	1920	3730	294.00	294.00	128.82	128.82	99.47	99.47	0.00	SI
1 Piso	P15	Top	B247-Ex-	-9.05	0.53	0.97	1920	3731	1920	3731	294.00	294.00	128.86	128.86	99.50	99.50	-0.03	SI
1 Piso	P15	Bottom	B247-Ex-	-12.53	0.53	0.87	1920	3732	1920	3732	294.00	294.00	128.89	128.89	99.53	99.53	0.00	SI
1 Piso	P15	Top	B247-Ey+	-8.84	0.53	0.97	1920	3733	1920	3733	294.00	294.00	128.93	128.92	99.55	99.55	-0.05	SI
1 Piso	P15	Bottom	B247-Ey+	-11.34	0.53	0.87	1920	3734	1920	3734	294.00	294.00	128.96	128.95	99.58	99.58	0.00	SI
1 Piso	P15	Top	B247-Ey-	-8.71	0.53	0.97	1920	3735	1920	3735	294.00	294.00	128.99	128.99	99.61	99.61	0.03	SI
1 Piso	P15	Bottom	B247-Ey-	-15.36	0.53	0.87	1920	3736	1920	3736	294.00	294.00	129.03	129.03	99.63	99.63	0.00	SI
1 Piso	P15	Top	B242 G	-16.95	0.53	0.97	1920	3737	1920	3737	294.00	294.00	129.06	129.06	99.66	99.66	0.06	SI
1 Piso	P15	Bottom	B242 G	-24.45	0.53	0.97	1920	3738	1920	3738	294.00	294.00	129.10	129.10	99.69	99.69	0.00	SI
1 Piso	P15	Top	B243-Wx- G	-14.55	0.53	0.87	1920	3739	1920	3739	294.00	294.00	129.13	129.13	99.71	99.71	-0.03	SI
1 Piso	P15	Bottom	B243-Wx- G	-21.06	0.53	0.97	1920	3740	1920	3740	294.00	294.00	129.17	129.17	99.74	99.74	0.00	SI
1 Piso	P15	Top	B243-Wy- G	-14.55	0.53	0.87	1920	3741	1920	3741	294.00	294.00	129.20	129.20	99.77	99.77	-0.09	SI
1 Piso	P15	Bottom	B243-Wy- G	-21.06	0.53	0.97	1920	3742	1920	3742	294.00	294.00	129.24	129.24	99.79	99.79	0.00	SI
1 Piso	P15	Top	B243-Wx+ G	-14.55	0.53	0.87	1920	3743	1920	3743	294.00	294.00	129.27	129.27	99.82	99.82	-0.09	SI
1 Piso	P15	Bottom	B243-Wx+ G	-21.06	0.53	0.97	1920	3744	1920	3744	294.00	294.00	129.31	129.30	99.85	99.85	0.00	SI
1 Piso	P15	Top	B243-Wy+ G	-14.55	0.53	0.87	1920	3745	1920	3745	294.00	294.00	129.34	129.34	99.87	99.87	-0.09	SI
1 Piso	P15	Bottom	B243-Wy+ G	-21.06	0.53	0.97	1920	3746	1920	3746	294.00	294.00	129.37	129.37	99.90	99.90	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área m^2	ϕ_v	As ext (mm^2)	fy ext (Mpa)	As int (mm^2)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mu ext (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	M22 (ton-m)	Cumple
1 Piso	P16	Top	B244-Wx- G	-15.81	0.53	0.87	1920	3747	1920	3747	284.00	284.00	120.41	175.41	98.95	89.93	0.31	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	0.87	1920	3748	1920	3748	284.00	284.00	120.41	176.44	98.95	89.95	0.00	SI
1 Piso	P16	Top	B244-Wx- G	-15.81	0.53	0.87	1920	3749	1920	3749	284.00	284.00	120.41	176.44	98.95	89.96	0.01	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	0.87	1920	3750	1920	3750	284.00	284.00	120.51	176.51	100.01	100.01	0.00	SI
1 Piso	P16	Top	B244-Wx- G	-15.81	0.53	0.87	1920	3751	1920	3751	284.00	284.00	120.51	176.55	100.01	100.03	0.01	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	0.87	1920	3752	1920	3752	284.00	284.00	120.52	176.58	100.02	100.06	0.00	SI
1 Piso	P16	Top	B244-Wx- G	-15.81	0.53	0.87	1920	3753	1920	3753	284.00	284.00	120.52	176.62	100.03	100.09	0.01	SI
1 Piso	P16	Bottom	B244-Wx- G	-23.00	0.53	0.87	1920	3754	1920	3754	284.00	284.00	120.53	176.65	100.11	100.11	0.00	SI
1 Piso	P17	Top	B241	-36.14	1.31	0.87	2880	3755	2880	3755	284.00	284.00	194.53	194.53	150.21	150.21	5.03	SI
1 Piso	P17	Bottom	B241	-45.28	1.31	0.86	2880	3756	2880	3756	284.00	284.00	194.58	194.58	150.25	150.25	0.00	SI
1 Piso	P17	Top	B242 Loub	-53.07	1.31	0.87	2880	3757	2880	3757	284.00	284.00	194.63	194.63	150.29	150.29	13.07	SI
1 Piso	P17	Bottom	B242 Loub	-50.54	1.31	0.87	2880	3758	2880	3758	284.00	284.00	194.68	194.68	150.33	150.33	0.00	SI
1 Piso	P17	Top	B243-Wx+ Loub	-52.59	1.31	0.87	2880	3759	2880	3759	284.00	284.00	194.73	194.73	150.37	150.37	5.03	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.43	1.31	0.87	2880	3760	2880	3760	284.00	284.00	194.78	194.78	150.41	150.41	0.00	SI
1 Piso	P17	Top	B243-Wx+ Loub	-52.59	1.31	0.87	2880	3761	2880	3761	284.00	284.00	194.84	194.84	150.45	150.45	5.03	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.43	1.31	0.87	2880	3762	2880	3762	284.00	284.00	194.89	194.89	150.49	150.49	0.00	SI
1 Piso	P17	Top	B243-Wx+ Loub	-52.59	1.31	0.87	2880	3763	2880	3763	284.00	284.00	194.94	194.94	150.53	150.53	5.03	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.43	1.31	0.87	2880	3764	2880	3764	284.00	284.00	194.99	194.99	150.57	150.57	0.00	SI
1 Piso	P17	Top	B243-Wx+ Loub	-52.59	1.31	0.87	2880	3765	2880	3765	284.00	284.00	195.05	195.05	150.61	150.61	5.03	SI
1 Piso	P17	Bottom	B243-Wx+ Loub	-40.43	1.31	0.87	2880	3766	2880	3766	284.00	284.00	195.10	195.10	150.65	150.65	0.00	SI
1 Piso	P17	Top	B244-Wx+ Loub	-46.77	1.31	0.87	2880	3767	2880	3767	284.00	284.00	195.15	195.15	150.69	150.69	10.41	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	-53.39	1.31	0.87	2880	3768	2880	3768	284.00	284.00	195.20	195.20	150.73	150.73	0.00	SI
1 Piso	P17	Top	B244-Wx+ Loub	-46.77	1.31	0.87	2880	3769	2880	3769	284.00	284.00	195.25	195.25	150.77	150.77	10.41	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	-53.39	1.31	0.87	2880	3770	2880	3770	284.00	284.00	195.30	195.30	150.81	150.81	0.00	SI
1 Piso	P17	Top	B244-Wx+ Loub	-46.77	1.31	0.87	2880	3771	2880	3771	284.00	284.00	195.36	195.36	150.85	150.85	10.41	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	-53.39	1.31	0.87	2880	3772	2880	3772	284.00	284.00	195.41	195.41	150.89	150.89	0.00	SI
1 Piso	P17	Top	B244-Wx+ Loub	-46.77	1.31	0.87	2880	3773	2880	3773	284.00	284.00	195.46	195.46	150.93	150.93	10.41	SI
1 Piso	P17	Bottom	B244-Wx+ Loub	-53.39	1.31	0.87	2880	3774	2880	3774	284.00	284.00	195.51	195.51	150.97	150.97	0.00	SI
1 Piso	P17	Top	B245-Ex+	-44.98	1.31	0.87	2880	3775	2880	3775	284.00	284.00	195.56	195.56	151.01	151.01	10.58	SI
1 Piso	P17	Bottom	B245-Ex+	-52.45	1.31	0.87	2880	3776	2880	3776	284.00	284.00	195.62	195.62	151.05	151.05	0.00	SI
1 Piso	P17	Top	B245-Ex+	-44.11	1.31	0.87	2880	3777	2880	3777	284.00	284.00	195.67	195.67	151.09	151.09	10.35	SI
1 Piso	P17	Bottom	B245-Ex+	-51.85	1.31	0.87	2880	3778	2880	3778	284.00	284.00	195.72	195.72	151.13	151.13	0.00	SI
1 Piso	P17	Top	B245-Ex+	-44.49	1.31	0.87	2880	3779	2880	3779	284.00	284.00	195.77	195.77	151.17	151.17	10.45	SI
1 Piso	P17	Bottom	B245-Ex+	-52.06	1.31	0.87	2880	3780	2880	3780	284.00	284.00	195.82	195.82	151.21	151.21	0.00	SI
1 Piso	P17	Top	B245-Ex+	-44.61	1.31	0.87	2880	3781	2880	3781	284.00	284.00	195.87	195.87	151.25	151.25	10.46	SI
1 Piso	P17	Bottom	B245-Ex+	-52.25	1.31	0.87	2880	3782	2880	3782	284.00	284.00	195.93	195.93	151.29	151.29	0.00	SI
1 Piso	P17	Top	B246-Wx+	-24.08	1.31	0.87	2880	3783	2880	3783	284.00	284.00	196.34	196.98	151.33	151.33	3.79	SI
1 Piso	P17	Bottom	B246-Wx+	-28.85	1.31	0.87	2880	3784	2880	3784	284.00	284.00	196.03	196.03	151.37	151.37	0.00	SI
1 Piso	P17	Top	B246-Wx+	-24.08	1.31	0.87	2880	3785	2880	3785	284.00	284.00	196.08	196.08	151.41	151.41	3.79	SI
1 Piso	P17	Bottom	B246-Wx+	-28.85	1.31	0.87	2880	3786	2880	3786	284.00	284.00	196.13	196.13	151.45	151.45	0.00	SI
1 Piso	P17	Top	B246-Wx+	-24.08	1.31	0.87	2880	3787	2880	3787	284.00	284.00	196.18	196.18	151.49	151.49	3.78	SI
1 Piso	P17	Bottom	B246-Wx+	-28.85	1.31	0.87	2880	3788	2880	3788	284.00	284.00	196.23	196.24	151.53	151.53	0.00	SI
1 Piso	P17	Top	B246-Wx+	-24.08	1.31	0.87	2880	3789	2880	3789	284.00	284.00	196.28	196.29	151.57	151.57	3.78	SI
1 Piso	P17	Bottom	B246-Wx+	-28.85	1.31	0.87	2880	3790	2880	3790	284.00	284.00	196.34	196.34	151.61	151.61	0.00	SI
1 Piso	P17	Top	B247-Ex+	-23.88	1.31	0.87	2880	3791	2880	3791	284.00	284.00	196.39	196.39	151.65	151.65	3.81	SI
1 Piso	P17	Bottom	B247-Ex+	-29.40	1.31	0.87	2880	3792	2880	3792	284.00	284.00	196.44	196.44	151.69	151.69	0.00	SI
1 Piso	P17	Top	B247-Ex+	-23.79	1.31	0.87	2880	3793	2880	3793	284.00	284.00	196.50	196.50	151.73	151.73	3.81	SI
1 Piso	P17	Bottom	B247-Ex+	-28.80	1.31	0.87	2880	3794	2880	3794	284.00	284.00	196.55	196.55	151.77	151.77	0.00	SI
1 Piso	P17	Top	B247-Ex+	-23.17	1.31	0.87	2880	3795	2880	3795	284.00	284.00	196.60	196.60	151.81	151.81	3.80	SI
1 Piso	P17	Bottom	B247-Ex+	-28.01	1.31	0.87	2880	3796	2880	3796	284.00	284.00	196.65	196.65	151.85	151.85	0.00	SI
1 Piso	P17	Top	B247-Ex+	-23.28	1.31	0.87	2880	3797	2880	3797	284.00	284.00	196.70	196.70	151.89	151.89	3.82	SI
1 Piso	P17	Bottom	B247-Ex+	-29.19	1.31	0.87	2880	3798	2880	3798	284.00	284.00	196.75	196.75	151.93	151.93	0.00	SI
1 Piso	P17	Top	B242 Cl	-53.76	1.31	0.87	2880	3799	2880	3799	284.00	284.00	196.81	196.81	151.97	151.97	13.04	SI
1 Piso	P17	Bottom	B242 Cl	-61.24	1.31	0.87	2880	3800	2880	3800	284.00	284.00	196.86	196.86	152.01	152.01	0.00	SI

STORY	MURO	LOC.	COMB	P u [kon]	Asdmax [m²]	R_n	As cal [mm²]	fy cal [Mpa]	As inf [mm²]	fy inf [Mpa]	d cal [mm]	d inf [mm]	Mn cal [ton-m]	Mn inf [ton-m]	Øbln sup [ton-m]	Øbln inf [ton-m]	MD2 [ton-m]	Cumple
1 Piso	P17	Top	B243-Wx- G	-34.80	1.31	0.97	2880	3801	2880	3801	294.00	294.00	196.91	196.91	152.05	152.05	4.95	SI
1 Piso	P17	Bottom	B243-Wx- G	-42.65	1.31	0.97	2880	3802	2880	3802	294.00	294.00	196.90	196.90	152.09	152.09	0.00	SI
1 Piso	P17	Top	B243-Wy- G	-34.80	1.31	0.97	2880	3803	2880	3803	294.00	294.00	197.01	197.01	152.13	152.13	4.95	SI
1 Piso	P17	Bottom	B243-Wy- G	-42.65	1.31	0.97	2880	3804	2880	3804	294.00	294.00	197.07	197.07	152.17	152.17	0.00	SI
1 Piso	P17	Top	B243-Wx+ G	-34.80	1.31	0.97	2880	3805	2880	3805	294.00	294.00	197.13	197.13	152.21	152.21	4.95	SI
1 Piso	P17	Bottom	B243-Wx+ G	-42.65	1.31	0.97	2880	3806	2880	3806	294.00	294.00	197.17	197.17	152.25	152.25	0.00	SI
1 Piso	P17	Top	B243-Wy+ G	-34.80	1.31	0.97	2880	3807	2880	3807	294.00	294.00	197.23	197.23	152.29	152.29	4.95	SI
1 Piso	P17	Bottom	B243-Wy+ G	-42.65	1.31	0.97	2880	3808	2880	3808	294.00	294.00	197.27	197.27	152.33	152.33	0.00	SI
1 Piso	P17	Top	B244-Wx- G	-46.46	1.31	0.97	2880	3809	2880	3809	294.00	294.00	197.32	197.32	152.37	152.37	10.39	SI
1 Piso	P17	Bottom	B244-Wx- G	-54.08	1.31	0.97	2880	3810	2880	3810	294.00	294.00	197.36	197.36	152.41	152.41	0.00	SI
1 Piso	P17	Top	B244-Wx+ G	-46.46	1.31	0.97	2880	3811	2880	3811	294.00	294.00	197.41	197.43	152.45	152.45	10.38	SI
1 Piso	P17	Bottom	B244-Wx+ G	-54.08	1.31	0.97	2880	3812	2880	3812	294.00	294.00	197.46	197.48	152.49	152.49	0.00	SI
1 Piso	P17	Top	B244-Wy- G	-46.46	1.31	0.97	2880	3813	2880	3813	294.00	294.00	197.51	197.53	152.53	152.53	10.39	SI
1 Piso	P17	Bottom	B244-Wy- G	-54.08	1.31	0.97	2880	3814	2880	3814	294.00	294.00	197.56	197.58	152.57	152.57	0.00	SI
1 Piso	P17	Top	B244-Wy+ G	-46.46	1.31	0.97	2880	3815	2880	3815	294.00	294.00	197.61	197.64	152.61	152.61	10.38	SI
1 Piso	P17	Bottom	B244-Wy+ G	-54.08	1.31	0.97	2880	3816	2880	3816	294.00	294.00	197.66	197.69	152.65	152.65	0.00	SI
1 Piso	P18	Top	B241	-98.28	2.62	0.96	4800	3817	4800	3817	294.00	294.00	328.57	328.57	254.49	254.49	11.22	SI
1 Piso	P18	Bottom	B241	-88.18	2.62	0.96	4800	3818	4800	3818	294.00	294.00	328.65	328.65	254.55	254.55	0.00	SI
1 Piso	P18	Top	B242 Lou	-87.40	2.62	0.96	4800	3819	4800	3819	294.00	294.00	328.74	328.74	254.61	254.61	29.74	SI
1 Piso	P18	Bottom	B242 Lou	-115.31	2.62	0.96	4800	3820	4800	3820	294.00	294.00	328.82	328.82	254.69	254.69	0.00	SI
1 Piso	P18	Top	B243-Wx+ Loub	-62.80	2.62	0.96	4800	3821	4800	3821	294.00	294.00	328.91	328.91	254.75	254.75	9.41	SI
1 Piso	P18	Bottom	B243-Wx+ Loub	-79.78	2.62	0.97	4800	3822	4800	3822	294.00	294.00	330.00	330.00	254.81	254.81	0.00	SI
1 Piso	P18	Top	B243-Wy- Loub	-62.80	2.62	0.97	4800	3823	4800	3823	294.00	294.00	330.08	330.08	254.88	254.88	9.41	SI
1 Piso	P18	Bottom	B243-Wx- Loub	-79.78	2.62	0.97	4800	3824	4800	3824	294.00	294.00	330.17	330.17	254.95	254.95	0.00	SI
1 Piso	P18	Top	B243-Wy+ Loub	-62.80	2.62	0.97	4800	3825	4800	3825	294.00	294.00	330.26	330.26	255.01	255.01	9.41	SI
1 Piso	P18	Bottom	B243-Wy+ Loub	-79.78	2.62	0.97	4800	3826	4800	3826	294.00	294.00	330.34	330.34	255.08	255.08	0.00	SI
1 Piso	P18	Top	B243-Wx- Loub	-62.80	2.62	0.97	4800	3827	4800	3827	294.00	294.00	330.43	330.43	255.15	255.15	9.41	SI
1 Piso	P18	Bottom	B243-Wx- Loub	-79.78	2.62	0.97	4800	3828	4800	3828	294.00	294.00	330.51	330.51	255.21	255.21	0.00	SI
1 Piso	P18	Top	B244-Wx+ Loub	-65.45	2.62	0.97	4800	3829	4800	3829	294.00	294.00	330.60	330.60	255.28	255.28	22.07	SI
1 Piso	P18	Bottom	B244-Wx+ Loub	-102.89	2.62	0.97	4800	3830	4800	3830	294.00	294.00	330.69	330.68	255.35	255.35	0.00	SI
1 Piso	P18	Top	B244-Wy- Loub	-65.45	2.62	0.97	4800	3831	4800	3831	294.00	294.00	330.77	330.77	255.41	255.41	22.07	SI
1 Piso	P18	Bottom	B244-Wx- Loub	-102.89	2.62	0.97	4800	3832	4800	3832	294.00	294.00	330.86	330.86	255.48	255.48	0.00	SI
1 Piso	P18	Top	B244-Wy+ Loub	-65.45	2.62	0.97	4800	3833	4800	3833	294.00	294.00	330.95	330.95	255.55	255.55	22.07	SI
1 Piso	P18	Bottom	B244-Wy+ Loub	-102.89	2.62	0.97	4800	3834	4800	3834	294.00	294.00	331.03	331.03	255.61	255.61	0.00	SI
1 Piso	P18	Top	B244-Wy- Loub	-65.45	2.62	0.97	4800	3835	4800	3835	294.00	294.00	331.12	331.12	255.68	255.68	22.07	SI
1 Piso	P18	Bottom	B244-Wy- Loub	-102.89	2.62	0.97	4800	3836	4800	3836	294.00	294.00	331.21	331.21	255.75	255.75	0.00	SI
1 Piso	P18	Top	B245-Ex+	-83.57	2.62	0.97	4800	3837	4800	3837	294.00	294.00	331.20	331.29	255.81	255.81	21.09	SI
1 Piso	P18	Bottom	B245-Ex+	-100.44	2.62	0.97	4800	3838	4800	3838	294.00	294.00	331.38	331.38	255.88	255.88	0.00	SI
1 Piso	P18	Top	B245-Ex-	-80.82	2.62	0.97	4800	3839	4800	3839	294.00	294.00	331.46	331.46	255.95	255.95	23.36	SI
1 Piso	P18	Bottom	B245-Ex-	-85.16	2.62	0.97	4800	3840	4800	3840	294.00	294.00	331.55	331.55	256.01	256.01	0.00	SI
1 Piso	P18	Top	B245-Ey+	-82.05	2.62	0.97	4800	3841	4800	3841	294.00	294.00	331.64	331.64	256.08	256.08	14.24	SI
1 Piso	P18	Bottom	B245-Ey+	-92.69	2.62	0.97	4800	3842	4800	3842	294.00	294.00	331.72	331.72	256.15	256.15	0.00	SI
1 Piso	P18	Top	B245-Ey-	-82.04	2.62	0.97	4800	3843	4800	3843	294.00	294.00	331.81	331.81	256.21	256.21	22.20	SI
1 Piso	P18	Bottom	B245-Ey-	-100.06	2.62	0.97	4800	3844	4800	3844	294.00	294.00	331.90	331.90	256.28	256.28	0.00	SI
1 Piso	P18	Top	B246-Wx+	-46.14	2.62	0.97	4800	3845	4800	3845	294.00	294.00	331.98	331.98	256.35	256.35	7.10	SI
1 Piso	P18	Bottom	B246-Wx+	-58.80	2.62	0.97	4800	3846	4800	3846	294.00	294.00	332.07	332.07	256.41	256.41	0.00	SI
1 Piso	P18	Top	B246-Wx-	-46.14	2.62	0.97	4800	3847	4800	3847	294.00	294.00	332.16	332.18	256.48	256.48	7.10	SI
1 Piso	P18	Bottom	B246-Wx-	-58.80	2.62	0.97	4800	3848	4800	3848	294.00	294.00	332.24	332.24	256.55	256.55	0.00	SI
1 Piso	P18	Top	B246-Wy+	-46.14	2.62	0.97	4800	3849	4800	3849	294.00	294.00	332.33	332.33	256.61	256.61	7.10	SI
1 Piso	P18	Bottom	B246-Wy+	-58.80	2.62	0.97	4800	3850	4800	3850	294.00	294.00	332.41	332.41	256.68	256.68	0.00	SI
1 Piso	P18	Top	B246-Wy-	-46.14	2.62	0.97	4800	3851	4800	3851	294.00	294.00	332.50	332.50	256.75	256.75	7.10	SI
1 Piso	P18	Bottom	B246-Wy-	-58.80	2.62	0.97	4800	3852	4800	3852	294.00	294.00	332.59	332.59	256.81	256.81	0.00	SI
1 Piso	P18	Top	B247-Ex+	-85.25	2.62	0.97	4800	3853	4800	3853	294.00	294.00	332.67	332.67	256.88	256.88	6.07	SI
1 Piso	P18	Bottom	B247-Ex+	-87.92	2.62	0.97	4800	3854	4800	3854	294.00	294.00	332.76	332.76	256.95	256.95	0.00	SI

STORY	MURO	LOC.	COMB	Pu (Ton)	Area (m^2)	R_u	As ext (mm^2)	fy ext (Mpa)	As int (mm^2)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
1 Piso	P18	Top	B247-Ex-	-42.51	2.52	0.07	4800	3855	4800	3855	294.00	294.00	332.85	332.85	257.01	257.01	8.36	SI
1 Piso	P18	Botom	B247-Ex-	-56.06	2.62	0.87	4800	3856	4800	3856	294.00	294.00	332.81	332.81	257.05	257.05	0.00	SI
1 Piso	P18	Top	B247-Ex+	-43.74	2.52	0.87	4800	3857	4800	3857	294.00	294.00	333.02	333.02	257.15	257.15	7.24	SI
1 Piso	P18	Botom	B247-Ex+	-56.29	2.62	0.87	4800	3858	4800	3858	294.00	294.00	333.11	333.11	257.21	257.21	0.00	SI
1 Piso	P18	Top	B247-Ex-	-44.00	2.62	0.87	4800	3858	4800	3858	294.00	294.00	333.19	333.19	257.25	257.25	7.18	SI
1 Piso	P18	Botom	B247-Ex-	-56.58	2.62	0.87	4800	3860	4800	3860	294.00	294.00	333.28	333.28	257.30	257.30	0.00	SI
1 Piso	P18	Top	B242 G-	-89.20	2.62	0.97	4800	3861	4800	3861	294.00	294.00	333.36	333.36	257.41	257.41	24.85	SI
1 Piso	P18	Botom	B242 G-	-117.11	2.62	0.97	4800	3862	4800	3862	294.00	294.00	333.45	333.45	257.46	257.46	0.00	SI
1 Piso	P18	Top	B243-Wx- G	-85.66	2.62	0.97	4800	3863	4800	3863	294.00	294.00	333.54	333.54	257.55	257.55	9.13	SI
1 Piso	P18	Botom	B243-Wx- G	-85.53	2.62	0.97	4800	3864	4800	3864	294.00	294.00	333.63	333.63	257.61	257.61	0.00	SI
1 Piso	P18	Top	B243-Wy- G	-85.68	2.62	0.97	4800	3865	4800	3865	294.00	294.00	333.71	333.71	257.68	257.68	9.13	SI
1 Piso	P18	Botom	B243-Wy- G	-85.53	2.62	0.97	4800	3866	4800	3866	294.00	294.00	333.80	333.80	257.75	257.75	0.00	SI
1 Piso	P18	Top	B243-Wx+ G	-85.68	2.62	0.97	4800	3867	4800	3867	294.00	294.00	333.88	333.88	257.81	257.81	9.13	SI
1 Piso	P18	Botom	B243-Wx+ G	-85.53	2.62	0.97	4800	3868	4800	3868	294.00	294.00	333.97	333.97	257.88	257.88	0.00	SI
1 Piso	P18	Top	B243-Wy+ G	-85.68	2.62	0.97	4800	3869	4800	3869	294.00	294.00	334.05	334.05	257.95	257.95	9.13	SI
1 Piso	P18	Botom	B243-Wy+ G	-85.53	2.62	0.97	4800	3870	4800	3870	294.00	294.00	334.14	334.14	258.01	258.01	0.00	SI
1 Piso	P15	Top	B244-Wx- G	-87.28	2.62	0.97	4800	3871	4800	3871	294.00	294.00	334.23	334.23	258.09	258.09	21.88	SI
1 Piso	P18	Botom	B244-Wx- G	-104.78	2.62	0.97	4800	3872	4800	3872	294.00	294.00	334.31	334.31	258.15	258.15	0.00	SI
1 Piso	P15	Top	B244-Wx- G	-87.28	2.62	0.97	4800	3873	4800	3873	294.00	294.00	334.40	334.40	258.21	258.21	21.99	SI
1 Piso	P15	Botom	B244-Wx- G	-104.78	2.62	0.97	4800	3874	4800	3874	294.00	294.00	334.49	334.49	258.28	258.28	0.00	SI
1 Piso	P15	Top	B244-Wy- G	-87.28	2.62	0.97	4800	3875	4800	3875	294.00	294.00	334.57	334.57	258.35	258.35	21.98	SI
1 Piso	P18	Botom	B244-Wy- G	-104.78	2.62	0.97	4800	3876	4800	3876	294.00	294.00	334.66	334.66	258.41	258.41	0.00	SI
1 Piso	P15	Top	B244-Wy+ G	-87.28	2.62	0.97	4800	3877	4800	3877	294.00	294.00	334.75	334.75	258.48	258.48	21.99	SI
1 Piso	P15	Botom	B244-Wy+ G	-104.78	2.62	0.97	4800	3878	4800	3878	294.00	294.00	334.83	334.83	258.55	258.55	0.00	SI
1 Piso	P21	Top	B241	-39.48	1.37	0.96	2850	3870	2850	3870	294.00	294.00	200.97	200.97	155.17	155.17	7.49	SI
1 Piso	P21	Botom	B241	-48.38	1.37	0.96	2850	3880	2850	3880	294.00	294.00	201.03	201.03	155.21	155.21	0.00	SI
1 Piso	P21	Top	B242 Loub	-48.56	1.37	0.96	2850	3881	2850	3881	294.00	294.00	201.08	201.08	155.25	155.25	10.80	SI
1 Piso	P21	Botom	B242 Loub	-62.57	1.37	0.96	2850	3882	2850	3882	294.00	294.00	201.11	201.11	155.28	155.28	0.00	SI
1 Piso	P21	Top	B243-Wx+ Loub	-35.73	1.37	0.96	2850	3883	2850	3883	294.00	294.00	201.16	201.16	155.33	155.33	6.28	SI
1 Piso	P21	Botom	B243-Wx+ Loub	-42.32	1.37	0.96	2850	3884	2850	3884	294.00	294.00	201.21	201.21	155.37	155.37	0.00	SI
1 Piso	P21	Top	B243-Wy+ Loub	-35.73	1.37	0.96	2850	3885	2850	3885	294.00	294.00	201.26	201.26	155.41	155.41	6.29	SI
1 Piso	P21	Botom	B243-Wy+ Loub	-42.32	1.37	0.96	2850	3886	2850	3886	294.00	294.00	201.31	201.31	155.45	155.45	0.00	SI
1 Piso	P21	Top	B243-Wy- Loub	-35.73	1.37	0.96	2850	3887	2850	3887	294.00	294.00	201.37	201.37	155.49	155.49	6.29	SI
1 Piso	P21	Botom	B243-Wy- Loub	-42.32	1.37	0.96	2850	3888	2850	3888	294.00	294.00	201.42	201.42	155.53	155.53	0.00	SI
1 Piso	P21	Top	B243-Wy- Loub	-35.73	1.37	0.96	2850	3889	2850	3889	294.00	294.00	201.47	201.47	155.57	155.57	6.29	SI
1 Piso	P21	Botom	B243-Wy- Loub	-42.32	1.37	0.96	2850	3890	2850	3890	294.00	294.00	201.52	201.52	155.61	155.61	0.00	SI
1 Piso	P21	Top	B244-Wx+ Loub	-42.32	1.37	0.96	2850	3891	2850	3891	294.00	294.00	201.57	201.57	155.65	155.65	9.14	SI
1 Piso	P21	Botom	B244-Wx+ Loub	-50.15	1.37	0.96	2850	3892	2850	3892	294.00	294.00	201.63	201.63	155.69	155.69	0.00	SI
1 Piso	P21	Top	B244-Wx+ Loub	-42.32	1.37	0.96	2850	3893	2850	3893	294.00	294.00	201.68	201.68	155.73	155.73	9.14	SI
1 Piso	P21	Botom	B244-Wx+ Loub	-50.15	1.37	0.97	2850	3894	2850	3894	294.00	294.00	201.73	201.73	155.77	155.77	0.00	SI
1 Piso	P21	Top	B244-Wy+ Loub	-42.32	1.37	0.96	2850	3895	2850	3895	294.00	294.00	201.78	201.78	155.81	155.81	9.14	SI
1 Piso	P21	Botom	B244-Wy+ Loub	-50.15	1.37	0.97	2850	3896	2850	3896	294.00	294.00	201.83	201.83	155.85	155.85	0.00	SI
1 Piso	P21	Top	B244-Wy- Loub	-42.32	1.37	0.97	2850	3897	2850	3897	294.00	294.00	201.88	201.88	155.89	155.89	9.14	SI
1 Piso	P21	Botom	B244-Wy- Loub	-50.15	1.37	0.97	2850	3898	2850	3898	294.00	294.00	201.94	201.94	155.93	155.93	0.00	SI
1 Piso	P21	Top	B245-Ex+	-41.84	1.37	0.97	2850	3899	2850	3899	294.00	294.00	201.99	201.99	155.97	155.97	8.35	SI
1 Piso	P21	Botom	B245-Ex+	-48.29	1.37	0.97	2850	3900	2850	3900	294.00	294.00	202.04	202.04	156.01	156.01	0.00	SI
1 Piso	P21	Top	B245-Ex-	-40.14	1.37	0.97	2850	3901	2850	3901	294.00	294.00	202.09	202.09	156.05	156.05	0.13	SI
1 Piso	P21	Botom	B245-Ex-	-48.25	1.37	0.97	2850	3902	2850	3902	294.00	294.00	202.14	202.14	156.09	156.09	0.00	SI
1 Piso	P21	Top	B245-Ey+	-40.72	1.37	0.97	2850	3903	2850	3903	294.00	294.00	202.19	202.19	156.13	156.13	8.24	SI
1 Piso	P21	Botom	B245-Ey+	-46.84	1.37	0.97	2850	3904	2850	3904	294.00	294.00	202.25	202.25	156.17	156.17	0.00	SI
1 Piso	P21	Top	B245-Ey-	-41.07	1.37	0.97	2850	3905	2850	3905	294.00	294.00	202.30	202.30	156.21	156.21	8.24	SI
1 Piso	P21	Botom	B245-Ey-	-48.00	1.37	0.97	2850	3906	2850	3906	294.00	294.00	202.35	202.35	156.25	156.25	0.00	SI
1 Piso	P21	Top	B246-Wx+	-28.37	1.37	0.97	2850	3907	2850	3907	294.00	294.00	202.40	202.40	156.29	156.29	4.75	SI
1 Piso	P21	Botom	B246-Wx+	-32.03	1.37	0.97	2850	3908	2850	3908	294.00	294.00	202.45	202.45	156.33	156.33	0.00	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ... (m²)	R	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (Ton-m)	Mn int (ton-m)	Mn ext (ton-m)	Mn int (ton-m)	M22 (Ton-m)	Cumple
2 Piso	P35	Top	B247-Ex-	-1.10	0.12	0.99	960	2197	960	2197	274.00	274.00	35.12	35.10	28.19	28.19	0.17	SI
2 Piso	P35	Bottom	B247-Ex-	-1.32	0.12	0.99	960	2182	960	2182	274.00	274.00	35.12	35.12	28.20	28.20	-0.39	SI
2 Piso	P35	Top	B247-Ey+	-1.94	0.12	0.99	960	2191	960	2193	274.00	274.00	35.13	35.13	28.21	28.22	0.04	SI
2 Piso	P35	Bottom	B247-Ey+	-2.17	0.12	0.99	960	2184	960	2184	274.00	274.00	35.13	35.13	28.23	28.23	-0.09	SI
2 Piso	P35	Top	B247-Ex-	-1.22	0.12	0.99	960	2187	960	2185	274.00	274.00	35.13	35.13	28.24	28.24	0.28	SI
2 Piso	P35	Bottom	B247-Ex-	-2.05	0.12	0.99	960	2185	960	2186	274.00	274.00	35.13	35.13	28.25	28.25	-0.61	SI
2 Piso	P35	Top	B247-Ey+	-2.03	0.12	0.99	960	2187	960	2187	274.00	274.00	35.20	35.20	28.26	28.26	0.24	SI
2 Piso	P35	Bottom	B247-Ey+	-2.54	0.12	0.99	960	2188	960	2188	274.00	274.00	35.21	35.21	28.28	28.28	-0.18	SI
2 Piso	P35	Top	B243-Wx- G	-3.25	0.12	0.99	960	2186	960	2189	274.00	274.00	35.23	35.23	28.29	28.29	0.20	SI
2 Piso	P35	Bottom	B243-Wx- G	-4.63	0.12	0.99	960	2190	960	2190	274.00	274.00	35.24	35.24	28.30	28.30	-0.45	SI
2 Piso	P35	Top	B243-Wy- G	-3.25	0.12	0.99	960	2191	960	2191	274.00	274.00	35.26	35.26	28.31	28.31	0.20	SI
2 Piso	P35	Bottom	B243-Wy- G	-4.63	0.12	0.99	960	2192	960	2192	274.00	274.00	35.28	35.28	28.32	28.32	-0.45	SI
2 Piso	P35	Top	B243-Wx- G	-3.25	0.12	0.99	960	2195	960	2193	274.00	274.00	35.29	35.29	28.34	28.34	0.20	SI
2 Piso	P35	Bottom	B243-Wx- G	-4.63	0.12	0.99	960	2194	960	2194	274.00	274.00	35.31	35.31	28.35	28.35	-0.45	SI
2 Piso	P35	Top	B243-Wy- G	-3.25	0.12	0.99	960	2195	960	2195	274.00	274.00	35.33	35.33	28.36	28.36	0.29	SI
2 Piso	P35	Bottom	B243-Wy- G	-4.63	0.12	0.99	960	2196	960	2196	274.00	274.00	35.34	35.34	28.37	28.37	-0.45	SI
2 Piso	P35	Top	B244-Wx- G	-2.41	0.12	0.99	960	2197	960	2197	274.00	274.00	35.36	35.36	28.38	28.38	0.28	SI
2 Piso	P35	Bottom	B244-Wx- G	-3.24	0.12	0.99	960	2198	960	2198	274.00	274.00	35.37	35.37	28.40	28.40	-0.26	SI
2 Piso	P35	Top	B244-Wx- G	-2.41	0.12	0.99	960	2199	960	2199	274.00	274.00	35.39	35.39	28.41	28.41	0.28	SI
2 Piso	P35	Bottom	B244-Wx- G	-3.24	0.12	0.99	960	2200	960	2200	274.00	274.00	35.41	35.41	28.42	28.42	-0.26	SI
2 Piso	P35	Top	B244-Wy- G	-2.41	0.12	0.99	960	2201	960	2201	274.00	274.00	35.42	35.42	28.43	28.43	0.26	SI
2 Piso	P35	Bottom	B244-Wy- G	-3.24	0.12	0.99	960	2202	960	2202	274.00	274.00	35.44	35.44	28.44	28.44	-0.26	SI
2 Piso	P35	Top	B244-Wy+ G	-2.41	0.12	0.99	960	2203	960	2203	274.00	274.00	35.45	35.45	28.46	28.46	0.26	SI
2 Piso	P35	Bottom	B244-Wy+ G	-3.24	0.12	0.99	960	2204	960	2204	274.00	274.00	35.47	35.47	28.47	28.47	-0.26	SI
2 Piso	P35	Top	B241	-14.98	1.85	0.99	3360	2205	3360	2205	274.00	274.00	124.29	124.29	92.55	92.68	1.40	SI
2 Piso	P35	Bottom	B241	-36.89	1.85	0.99	3360	2206	3360	2206	274.00	274.00	124.26	124.26	92.70	92.72	-2.80	SI
2 Piso	P35	Top	B242 Loub	-19.83	1.85	0.99	3360	2207	3360	2207	274.00	274.00	124.31	124.31	92.76	92.78	1.28	SI
2 Piso	P35	Bottom	B242 Loub	-30.52	1.85	0.99	3360	2208	3360	2208	274.00	274.00	124.37	124.37	92.80	92.80	-2.80	SI
2 Piso	P35	Top	B243-Wx+ Loub	-17.28	1.85	0.99	3360	2209	3360	2209	274.00	274.00	124.43	124.43	92.85	92.85	1.52	SI
2 Piso	P35	Bottom	B243-Wx+ Loub	-36.31	1.85	0.99	3360	2210	3360	2210	274.00	274.00	124.43	124.43	92.86	92.86	-2.80	SI
2 Piso	P35	Top	B243-Wx- Loub	-17.28	1.85	0.99	3360	2211	3360	2211	274.00	274.00	124.54	124.54	92.85	92.90	1.52	SI
2 Piso	P35	Bottom	B243-Wx- Loub	-36.31	1.85	0.99	3360	2212	3360	2212	274.00	274.00	124.60	124.60	92.97	92.97	-2.71	SI
2 Piso	P35	Top	B243-Wy+ Loub	-17.28	1.85	0.99	3360	2213	3360	2213	274.00	274.00	124.65	124.65	93.01	93.01	1.52	SI
2 Piso	P35	Bottom	B243-Wy+ Loub	-36.31	1.85	0.99	3360	2214	3360	2214	274.00	274.00	124.71	124.71	93.06	93.06	-2.71	SI
2 Piso	P35	Top	B243-Wy- Loub	-17.28	1.85	0.99	3360	2215	3360	2215	274.00	274.00	124.77	124.77	93.10	93.10	1.52	SI
2 Piso	P35	Bottom	B243-Wy- Loub	-36.31	1.85	0.99	3360	2216	3360	2216	274.00	274.00	124.82	124.82	93.14	93.14	-2.71	SI
2 Piso	P35	Top	B244-Wy+ Loub	-16.20	1.85	0.99	3360	2217	3360	2217	274.00	274.00	124.88	124.88	93.18	93.18	1.45	SI
2 Piso	P35	Bottom	B244-Wy+ Loub	-35.60	1.85	0.99	3360	2218	3360	2218	274.00	274.00	124.93	124.93	93.23	93.23	-2.82	SI
2 Piso	P35	Top	B244-Wx- Loub	-16.20	1.85	0.99	3360	2219	3360	2219	274.00	274.00	124.99	124.99	93.27	93.27	1.45	SI
2 Piso	P35	Bottom	B244-Wx- Loub	-35.60	1.85	0.99	3360	2220	3360	2220	274.00	274.00	125.05	125.05	93.31	93.31	-2.82	SI
2 Piso	P35	Top	B244-Wy+ Loub	-16.20	1.85	0.99	3360	2221	3360	2221	274.00	274.00	125.10	125.10	93.35	93.35	1.45	SI
2 Piso	P35	Bottom	B244-Wy+ Loub	-35.60	1.85	0.99	3360	2222	3360	2222	274.00	274.00	125.16	125.16	93.39	93.39	-2.82	SI
2 Piso	P35	Top	B244-Wy- Loub	-16.20	1.85	0.99	3360	2223	3360	2223	274.00	274.00	125.22	125.22	93.43	93.43	1.45	SI
2 Piso	P35	Bottom	B244-Wy- Loub	-35.60	1.85	0.99	3360	2224	3360	2224	274.00	274.00	125.27	125.27	93.48	93.48	-2.82	SI
2 Piso	P35	Top	B245-Ex+	-12.06	1.85	0.99	3360	2225	3360	2225	274.00	274.00	125.31	125.33	93.50	93.52	1.32	SI
2 Piso	P35	Bottom	B245-Ex+	-29.16	1.85	0.99	3360	2226	3360	2226	274.00	274.00	125.38	125.38	93.56	93.58	-2.80	SI
2 Piso	P35	Top	B245-Ey+	-13.47	1.85	0.99	3360	2227	3360	2227	274.00	274.00	125.41	125.44	93.60	93.60	1.10	SI
2 Piso	P35	Bottom	B245-Ey+	-34.68	1.85	0.99	3360	2228	3360	2228	274.00	274.00	125.50	125.50	93.64	93.64	-2.50	SI
2 Piso	P35	Top	B245-Ex+	-12.75	1.85	0.99	3360	2229	3360	2229	274.00	274.00	125.55	125.55	93.66	93.69	-0.65	SI
2 Piso	P35	Bottom	B245-Ex+	-31.66	1.85	0.99	3360	2230	3360	2230	274.00	274.00	125.61	125.61	93.77	93.73	0.84	SI
2 Piso	P35	Top	B245-Ex-	-12.78	1.85	0.99	3360	2231	3360	2231	274.00	274.00	125.67	125.67	93.77	93.77	3.07	SI
2 Piso	P35	Bottom	B245-Ex-	-32.18	1.85	0.99	3360	2232	3360	2232	274.00	274.00	125.72	125.72	93.8	93.81	-6.15	SI
2 Piso	P35	Top	B245-Wx+	-11.95	1.85	0.99	3360	2233	3360	2233	274.00	274.00	125.78	125.78	93.86	93.88	1.07	SI
2 Piso	P35	Bottom	B245-Wx+	-26.14	1.85	0.99	3360	2234	3360	2234	274.00	274.00	125.84	125.84	93.90	93.90	-1.86	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec. (m²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P38	Top	1.246-We-	-11.96	1.85	0.93	3360	2235	3360	2235	274.00	274.00	125.81	125.89	93.94	93.94	1.07	SI
2 Piso	P38	Bottom	1.246-We-	-26.14	1.85	0.93	3360	2235	3360	2235	274.00	274.00	125.81	125.89	93.96	93.28	-1.98	SI
2 Piso	P38	Top	1.246-We+	-11.96	1.85	0.93	3360	2237	3360	2237	274.00	274.00	125.81	125.89	94.02	94.02	1.07	SI
2 Piso	P38	Bottom	1.246-We+	-26.14	1.85	0.93	3360	2235	3360	2238	274.00	274.00	125.81	125.89	94.07	94.07	-1.98	SI
2 Piso	P38	Top	1.246-Wn-	-11.96	1.85	0.93	3360	2239	3360	2239	274.00	274.00	125.81	125.89	94.11	94.11	1.07	SI
2 Piso	P38	Bottom	1.246-Wn-	-26.14	1.85	0.93	3360	2240	3360	2240	274.00	274.00	125.81	125.89	94.15	94.15	-1.98	SI
2 Piso	P38	Top	1.247-Ev+	0.85	1.85	0.93	3360	2241	3360	2241	274.00	274.00	126.28	126.28	94.19	94.19	1.01	SI
2 Piso	P38	Bottom	1.247-Ev+	-20.82	1.85	0.93	3360	2242	3360	2242	274.00	274.00	126.28	126.28	94.23	94.23	-2.01	SI
2 Piso	P38	Top	1.247-Ev-	-10.95	1.85	0.93	3360	2243	3360	2243	274.00	274.00	126.81	126.89	94.28	94.28	0.79	SI
2 Piso	P38	Bottom	1.247-Ev-	-25.35	1.85	0.93	3360	2244	3360	2244	274.00	274.00	126.81	126.89	94.32	94.32	-1.72	SI
2 Piso	P38	Top	1.247-Ey+	0.53	1.85	0.93	3360	2245	3360	2245	274.00	274.00	126.41	126.45	94.36	94.36	-0.96	SI
2 Piso	P38	Bottom	1.247-Ey+	-23.34	1.85	0.93	3360	2246	3360	2246	274.00	274.00	126.81	126.81	94.40	94.40	1.63	SI
2 Piso	P38	Top	1.247-Ey-	0.57	1.85	0.93	3360	2247	3360	2247	274.00	274.00	126.81	126.87	94.44	94.44	2.76	SI
2 Piso	P38	Bottom	1.247-Ey-	-23.30	1.85	0.93	3360	2248	3360	2248	274.00	274.00	126.81	126.87	94.49	94.49	-5.36	SI
2 Piso	P38	Top	1.242 C-	-15.77	1.85	0.93	3360	2249	3360	2249	274.00	274.00	126.81	126.88	94.53	94.53	1.42	SI
2 Piso	P38	Bottom	1.242 C-	-35.40	1.85	0.93	3360	2250	3360	2250	274.00	274.00	126.74	126.74	94.57	94.57	-2.90	SI
2 Piso	P38	Top	1.243-Wx- G	-23.51	1.85	0.93	3360	2251	3360	2251	274.00	274.00	126.78	126.78	94.61	94.61	1.98	SI
2 Piso	P38	Bottom	1.243-Wx- G	-42.96	1.85	0.93	3360	2252	3360	2252	274.00	274.00	126.81	126.85	94.65	94.65	-3.01	SI
2 Piso	P38	Top	1.243-Wy- G	-23.51	1.85	0.93	3360	2253	3360	2253	274.00	274.00	126.81	126.81	94.70	94.70	1.96	SI
2 Piso	P38	Bottom	1.243-Wy- G	-42.96	1.85	0.93	3360	2254	3360	2254	274.00	274.00	126.81	126.85	94.74	94.74	-3.01	SI
2 Piso	P38	Top	1.243-Wx+ G	-23.51	1.85	0.93	3360	2255	3360	2255	274.00	274.00	127.00	127.00	94.78	94.78	1.96	SI
2 Piso	P38	Bottom	1.243-Wx+ G	-42.96	1.85	0.93	3360	2256	3360	2256	274.00	274.00	127.07	127.07	94.82	94.82	-3.01	SI
2 Piso	P38	Top	1.243-Wy+ G	-23.51	1.85	0.93	3360	2257	3360	2257	274.00	274.00	127.07	127.13	94.86	94.86	1.96	SI
2 Piso	P38	Bottom	1.243-Wy+ G	-42.96	1.85	0.93	3360	2258	3360	2258	274.00	274.00	127.07	127.18	94.91	94.91	-3.01	SI
2 Piso	P38	Top	1.244-Wx- G	-18.15	1.85	0.93	3360	2259	3360	2259	274.00	274.00	127.24	127.24	94.95	94.95	1.59	SI
2 Piso	P38	Bottom	1.244-Wx- G	-37.67	1.85	0.93	3360	2260	3360	2260	274.00	274.00	127.30	127.30	94.99	94.99	-2.81	SI
2 Piso	P38	Top	1.244-Wx+ G	-18.15	1.85	0.93	3360	2261	3360	2261	274.00	274.00	127.30	127.36	95.03	95.03	1.59	SI
2 Piso	P38	Bottom	1.244-Wx+ G	-37.67	1.85	0.93	3360	2262	3360	2262	274.00	274.00	127.41	127.41	95.07	95.07	-2.81	SI
2 Piso	P38	Top	1.244-Wy- G	-18.15	1.85	0.93	3360	2263	3360	2263	274.00	274.00	127.47	127.47	95.12	95.12	1.59	SI
2 Piso	P38	Bottom	1.244-Wy- G	-37.67	1.85	0.93	3360	2264	3360	2264	274.00	274.00	127.53	127.53	95.16	95.16	-2.81	SI
2 Piso	P38	Top	1.244-Wy+ G	-18.15	1.85	0.93	3360	2265	3360	2265	274.00	274.00	127.59	127.59	95.20	95.20	1.59	SI
2 Piso	P38	Bottom	1.244-Wy+ G	-37.67	1.85	0.93	3360	2266	3360	2266	274.00	274.00	127.64	127.64	95.24	95.24	-2.81	SI
2 Piso	P37	Top	1.241	-8.89	0.75	0.93	2800	2267	2800	2267	274.00	274.00	109.45	109.45	81.67	81.67	0.45	SI
2 Piso	P37	Bottom	1.241	-17.52	0.75	0.93	2800	2268	2800	2268	274.00	274.00	109.50	109.50	81.71	81.71	-2.78	SI
2 Piso	P37	Top	1.242 Lcub	-8.32	0.75	0.93	2800	2269	2800	2269	274.00	274.00	109.55	109.55	81.74	81.74	0.43	SI
2 Piso	P37	Bottom	1.242 Lcub	-17.30	0.75	0.93	2800	2270	2800	2270	274.00	274.00	109.60	109.60	81.78	81.78	-4.59	SI
2 Piso	P37	Top	1.243-Wx+ Lcub	-7.81	0.75	0.93	2800	2271	2800	2271	274.00	274.00	109.65	109.65	81.82	81.82	0.53	SI
2 Piso	P37	Bottom	1.243-Wx+ Lcub	-17.70	0.75	0.93	2800	2272	2800	2272	274.00	274.00	109.69	109.80	81.86	81.86	-3.25	SI
2 Piso	P37	Top	1.243-Wx- Lcub	-7.81	0.75	0.93	2800	2273	2800	2273	274.00	274.00	109.74	109.74	81.89	81.89	0.53	SI
2 Piso	P37	Bottom	1.243-Wx- Lcub	-17.70	0.75	0.93	2800	2274	2800	2274	274.00	274.00	109.79	109.79	81.93	81.93	-3.25	SI
2 Piso	P37	Top	1.243-Wy+ Lcub	-7.81	0.75	0.93	2800	2275	2800	2275	274.00	274.00	109.84	109.84	81.96	81.96	0.53	SI
2 Piso	P37	Bottom	1.243-Wy+ Lcub	-17.70	0.75	0.93	2800	2276	2800	2276	274.00	274.00	109.89	109.89	82.00	82.00	-3.25	SI
2 Piso	P37	Top	1.243-Wy- Lcub	-7.81	0.75	0.93	2800	2277	2800	2277	274.00	274.00	109.94	109.94	82.03	82.03	0.53	SI
2 Piso	P37	Bottom	1.243-Wy- Lcub	-17.70	0.75	0.93	2800	2278	2800	2278	274.00	274.00	109.98	109.98	82.07	82.07	-3.25	SI
2 Piso	P37	Top	1.244-Wx+ Lcub	-7.37	0.75	0.93	2800	2279	2800	2279	274.00	274.00	110.03	110.03	82.10	82.10	0.50	SI
2 Piso	P37	Bottom	1.244-Wx+ Lcub	-16.14	0.75	0.93	2800	2280	2800	2280	274.00	274.00	110.08	110.08	82.14	82.14	-4.10	SI
2 Piso	P37	Top	1.244-Wx- Lcub	-7.37	0.75	0.93	2800	2281	2800	2281	274.00	274.00	110.13	110.13	82.18	82.18	0.50	SI
2 Piso	P37	Bottom	1.244-Wx- Lcub	-16.14	0.75	0.93	2800	2282	2800	2282	274.00	274.00	110.18	110.18	82.21	82.21	-4.10	SI
2 Piso	P37	Top	1.244-Wy+ Lcub	-7.37	0.75	0.93	2800	2283	2800	2283	274.00	274.00	110.23	110.23	82.25	82.25	0.50	SI
2 Piso	P37	Bottom	1.244-Wy+ Lcub	-16.14	0.75	0.93	2800	2284	2800	2284	274.00	274.00	110.27	110.27	82.28	82.28	-4.10	SI
2 Piso	P37	Top	1.244-Wy- Lcub	-7.37	0.75	0.93	2800	2285	2800	2285	274.00	274.00	110.32	110.32	82.32	82.32	0.50	SI
2 Piso	P37	Bottom	1.244-Wy- Lcub	-16.14	0.75	0.93	2800	2286	2800	2286	274.00	274.00	110.37	110.37	82.36	82.36	-4.10	SI
2 Piso	P37	Top	1.245-Ex+	-5.42	0.75	0.93	2800	2287	2800	2287	274.00	274.00	110.42	110.42	82.39	82.39	0.36	SI
2 Piso	P37	Bottom	1.245-Ex+	-10.83	0.75	0.93	2800	2288	2800	2288	274.00	274.00	110.47	110.47	82.43	82.43	-4.18	SI

STORY	MURO	LOC.	COMB	P u (ton)	Area esc. (m²)	R.	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mu ext (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P37	Top	0245-Ex-	-8.10	0.75	0.83	2880	2289	2880	2289	274.00	274.00	110.51	110.51	82.46	82.46	0.42	SI
2 Piso	P37	Bottom	B245-Ex-	-10.39	0.75	0.93	2880	2290	2880	2290	274.00	274.00	110.51	110.55	82.56	82.50	-3.87	SI
2 Piso	P37	Top	B245-Ey+	-5.79	0.75	0.83	2880	2291	2880	2291	274.00	274.00	110.64	110.81	82.54	82.54	0.36	SI
2 Piso	P37	Bottom	B245-Ey+	-17.30	0.75	0.93	2880	2292	2880	2292	274.00	274.00	110.64	110.65	82.57	82.57	-3.78	SI
2 Piso	P37	Top	B245-Ey-	-5.81	0.75	0.83	2880	2290	2880	2285	274.00	274.00	110.7	110.71	82.5	82.61	0.42	SI
2 Piso	P37	Bottom	B245-Ey-	-14.92	0.75	0.89	2880	2294	2880	2295	274.00	274.00	110.76	110.78	82.54	82.64	-4.37	SI
2 Piso	P37	Top	B245-WX+	-5.39	0.75	0.82	2880	2295	2880	2295	274.00	274.00	110.83	110.80	82.68	82.68	0.36	SI
2 Piso	P37	Bottom	B246-WX+	-12.67	0.75	0.80	2880	2296	2880	2295	274.00	274.00	110.85	110.85	82.72	82.72	-2.49	SI
2 Piso	P37	Top	B245-WX+	-5.39	0.75	0.82	2880	2297	2880	2297	274.00	274.00	110.90	110.90	82.75	82.75	0.36	SI
2 Piso	P37	Bottom	B246-WX+	-12.67	0.75	0.80	2880	2298	2880	2298	274.00	274.00	110.85	110.95	82.79	82.78	-2.49	SI
2 Piso	P37	Top	B246-WX+	-5.39	0.75	0.82	2880	2299	2880	2299	274.00	274.00	111.00	111.00	82.81	82.82	0.36	SI
2 Piso	P37	Bottom	B246-WX+	-12.67	0.75	0.80	2880	2300	2880	2300	274.00	274.00	111.00	111.00	82.86	82.85	-2.49	SI
2 Piso	P37	Top	B246-WX+	-5.39	0.75	0.82	2880	2301	2880	2301	274.00	274.00	111.09	111.09	82.91	82.90	0.36	SI
2 Piso	P37	Bottom	B246-WX+	-12.67	0.75	0.80	2880	2302	2880	2302	274.00	274.00	111.14	111.14	82.93	82.93	-2.49	SI
2 Piso	P37	Top	B247-Ex+	-3.92	0.75	0.90	2880	2303	2880	2303	274.00	274.00	111.19	111.19	82.97	82.97	0.26	SI
2 Piso	P37	Bottom	B247-Ex+	-13.90	0.75	0.92	2880	2304	2880	2304	274.00	274.00	111.24	111.24	83.01	83.01	-2.53	SI
2 Piso	P37	Top	B247-Ex-	4.66	0.75	0.85	2880	2305	2880	2305	274.00	274.00	111.29	111.29	83.04	83.04	0.32	SI
2 Piso	P37	Bottom	B247-Ex-	-8.54	0.75	0.93	2880	2306	2880	2306	274.00	274.00	111.34	111.34	83.08	83.08	-2.31	SI
2 Piso	P37	Top	B247-Ey+	4.26	0.75	0.83	2880	2307	2880	2307	274.00	274.00	111.39	111.39	83.1	83.11	0.26	SI
2 Piso	P37	Bottom	B247-Ey+	-12.46	0.75	0.87	2880	2308	2880	2308	274.00	274.00	111.43	111.43	83.15	83.15	-2.13	SI
2 Piso	P37	Top	B247-Ey-	-4.31	0.75	0.91	2880	2309	2880	2309	274.00	274.00	111.48	111.48	83.19	83.19	0.32	SI
2 Piso	P37	Bottom	B247-Ey-	-17.07	0.75	0.83	2880	2310	2880	2310	274.00	274.00	111.53	111.53	83.22	83.22	-2.71	SI
2 Piso	P37	Top	B242 G	-7.21	0.75	0.93	2880	2311	2880	2311	274.00	274.00	111.58	111.58	83.26	83.26	0.49	SI
2 Piso	P37	Bottom	B242 G	-18.53	0.75	0.85	2880	2312	2880	2312	274.00	274.00	111.62	111.62	83.29	83.29	-4.60	SI
2 Piso	P37	Top	B243-Wx- G	-10.65	0.75	0.87	2880	2313	2880	2313	274.00	274.00	111.67	111.67	83.33	83.33	0.72	SI
2 Piso	P37	Bottom	B243-Wx- G	-21.37	0.75	0.95	2880	2314	2880	2314	274.00	274.00	111.72	111.72	83.37	83.37	-3.28	SI
2 Piso	P37	Top	B243-Wy- G	-10.65	0.75	0.83	2880	2315	2880	2315	274.00	274.00	111.77	111.77	83.40	83.40	0.72	SI
2 Piso	P37	Bottom	B243-Wy- G	-21.37	0.75	0.87	2880	2316	2880	2316	274.00	274.00	111.82	111.82	83.44	83.44	-3.28	SI
2 Piso	P37	Top	B243-Wx+ G	-10.65	0.75	0.95	2880	2317	2880	2317	274.00	274.00	111.87	111.87	83.47	83.47	0.72	SI
2 Piso	P37	Bottom	B243-Wx+ G	-21.37	0.75	0.83	2880	2318	2880	2316	274.00	274.00	111.91	111.91	83.51	83.51	-3.28	SI
2 Piso	P37	Top	B243-Wy+ G	-10.65	0.75	0.91	2880	2319	2880	2319	274.00	274.00	111.96	111.96	83.55	83.55	0.72	SI
2 Piso	P37	Bottom	B243-Wy+ G	-21.37	0.75	0.85	2880	2320	2880	2320	274.00	274.00	112.01	112.01	83.58	83.58	-3.28	SI
2 Piso	P37	Top	B244-Wx- G	-8.26	0.75	0.83	2880	2321	2880	2321	274.00	274.00	112.06	112.06	83.62	83.62	0.56	SI
2 Piso	P37	Bottom	B244-Wx- G	-19.29	0.75	0.90	2880	2322	2880	2322	274.00	274.00	112.11	112.11	83.65	83.65	-4.11	SI
2 Piso	P37	Top	B244-Wx- G	-8.26	0.75	0.83	2880	2323	2880	2323	274.00	274.00	112.16	112.16	83.69	83.69	0.56	SI
2 Piso	P37	Bottom	B244-Wx- G	-19.29	0.75	0.90	2880	2324	2880	2324	274.00	274.00	112.20	112.20	83.73	83.73	-4.11	SI
2 Piso	P37	Top	B244-Wy+ G	-8.26	0.75	0.83	2880	2325	2880	2325	274.00	274.00	112.25	112.25	83.76	83.76	0.56	SI
2 Piso	P37	Bottom	B244-Wy+ G	-19.29	0.75	0.90	2880	2326	2880	2326	274.00	274.00	112.30	112.30	83.80	83.80	-4.11	SI
2 Piso	P37	Top	B244-Wy+ G	-8.26	0.75	0.83	2880	2327	2880	2327	274.00	274.00	112.35	112.35	83.83	83.83	0.56	SI
2 Piso	P37	Bottom	B244-Wy+ G	-19.29	0.75	0.90	2880	2328	2880	2328	274.00	274.00	112.40	112.40	83.87	83.87	-4.11	SI
2 Piso	P38	Top	B241	-1.07	0.47	0.84	1920	2328	1920	2328	294.00	294.00	80.44	80.44	60.50	60.58	-0.11	SI
2 Piso	P38	Bottom	B241	-5.83	0.47	0.86	1920	2330	1920	2330	294.00	294.00	80.47	80.47	60.60	60.60	2.14	SI
2 Piso	P38	Top	B242 Loub	-0.67	0.47	0.84	1920	2331	1920	2331	294.00	294.00	80.50	80.50	60.65	60.63	-0.08	SI
2 Piso	P38	Bottom	B242 Loub	-4.96	0.47	0.86	1920	2332	1920	2332	294.00	294.00	80.54	80.54	60.66	60.68	2.72	SI
2 Piso	P38	Top	B243-Wx+ Loub	-1.08	0.47	0.84	1920	2333	1920	2333	294.00	294.00	80.57	80.57	60.69	60.68	-0.14	SI
2 Piso	P38	Bottom	B243-Wx+ Loub	-5.46	0.47	0.86	1920	2334	1920	2334	294.00	294.00	80.61	80.61	60.71	60.71	1.85	SI
2 Piso	P38	Top	B243-Wx- Loub	-1.08	0.47	0.84	1920	2335	1920	2335	294.00	294.00	80.64	80.64	60.73	60.73	-0.14	SI
2 Piso	P38	Bottom	B243-Wx- Loub	-5.46	0.47	0.86	1920	2336	1920	2336	294.00	294.00	80.68	80.68	60.76	60.76	1.85	SI
2 Piso	P38	Top	B243-Wy+ Loub	-1.08	0.47	0.84	1920	2337	1920	2337	294.00	294.00	80.71	80.71	60.79	60.79	-0.14	SI
2 Piso	P38	Bottom	B243-Wy+ Loub	-5.46	0.47	0.86	1920	2338	1920	2338	294.00	294.00	80.75	80.75	60.81	60.81	1.85	SI
2 Piso	P38	Top	B243-Wy- Loub	-1.08	0.47	0.84	1920	2339	1920	2339	294.00	294.00	80.78	80.78	60.84	60.84	-0.14	SI
2 Piso	P38	Bottom	B243-Wy- Loub	-5.46	0.47	0.86	1920	2340	1920	2340	294.00	294.00	80.82	80.82	60.86	60.86	1.85	SI
2 Piso	P38	Top	B244-Wx+ Loub	-1.01	0.47	0.84	1920	2341	1920	2341	294.00	294.00	80.85	80.85	60.89	60.89	-0.11	SI
2 Piso	P38	Bottom	B244-Wx+ Loub	-5.25	0.47	0.86	1920	2342	1920	2342	294.00	294.00	80.89	80.89	60.91	60.92	2.40	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área A_{cv} (m^2)	R_n	As ext (mm^2)	fy ext (Mpa)	As int (mm^2)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P38	Top	B244-Wx- Lcub	-1.01	0.47	0.94	1920	2342	1920	2343	294.00	294.00	80.95	80.95	60.94	60.94	-0.11	SI
2 Piso	P38	Bottom	B244-Wx- Lcub	-5.25	0.47	0.94	1920	2334	1920	2344	294.00	294.00	80.95	80.95	60.97	60.97	2.40	SI
2 Piso	P38	Top	B244-Wx+ Lcub	-1.01	0.47	0.94	1920	2345	1920	2345	294.00	294.00	80.99	80.99	60.98	60.98	-0.11	SI
2 Piso	P38	Bottom	B244-Wx+ Lcub	-5.25	0.47	0.94	1920	2336	1920	2346	294.00	294.00	81.02	81.02	61.02	61.02	2.40	SI
2 Piso	P38	Top	B244-Wx- Lcub	-1.01	0.47	0.94	1920	2347	1920	2347	294.00	294.00	81.06	81.06	61.05	61.05	-0.11	SI
2 Piso	P38	Bottom	B244-Wx- Lcub	-5.25	0.47	0.94	1920	2338	1920	2348	294.00	294.00	81.09	81.09	61.07	61.07	2.40	SI
2 Piso	P38	Top	B245-Ex+	-3.06	0.47	0.94	1920	2349	1920	2349	294.00	294.00	81.13	81.13	61.10	61.10	-0.10	SI
2 Piso	P38	Bottom	B245-Ex+	-4.98	0.47	0.94	1920	2350	1920	2350	294.00	294.00	81.16	81.16	61.12	61.12	2.48	SI
2 Piso	P38	Top	B245-Ex-	-0.72	0.47	0.94	1920	2351	1920	2351	294.00	294.00	81.20	81.20	61.15	61.15	-0.06	SI
2 Piso	P38	Bottom	B245-Ex-	-5.70	0.47	0.94	1920	2352	1920	2352	294.00	294.00	81.23	81.23	61.18	61.18	2.98	SI
2 Piso	P38	Top	B245-Ey+	-1.93	0.47	0.94	1920	2353	1920	2353	294.00	294.00	81.26	81.26	61.20	61.20	-0.14	SI
2 Piso	P38	Bottom	B245-Ey+	-5.20	0.47	0.94	1920	2354	1920	2354	294.00	294.00	81.30	81.30	61.23	61.23	2.43	SI
2 Piso	P38	Top	B245-Ey-	-0.54	0.47	0.94	1920	2355	1920	2355	294.00	294.00	81.33	81.33	61.25	61.25	-0.02	SI
2 Piso	P38	Bottom	B245-Ey-	-3.66	0.47	0.94	1920	2356	1920	2356	294.00	294.00	81.37	81.37	61.28	61.28	2.34	SI
2 Piso	P38	Top	B246-Wx+	-0.78	0.47	0.94	1920	2357	1920	2357	294.00	294.00	81.40	81.40	61.31	61.31	-0.09	SI
2 Piso	P38	Bottom	B246-Wx+	-4.00	0.47	0.94	1920	2358	1920	2358	294.00	294.00	81.44	81.44	61.33	61.33	1.38	SI
2 Piso	P38	Top	B246-Wx-	-0.78	0.47	0.94	1920	2359	1920	2359	294.00	294.00	81.47	81.47	61.36	61.36	-0.09	SI
2 Piso	P38	Bottom	B246-Wx-	-4.00	0.47	0.94	1920	2360	1920	2360	294.00	294.00	81.51	81.51	61.38	61.38	1.38	SI
2 Piso	P38	Top	B247-Ex+	-0.76	0.47	0.94	1920	2361	1920	2361	294.00	294.00	81.54	81.54	61.41	61.41	-0.09	SI
2 Piso	P38	Bottom	B246-Wx-	-4.00	0.47	0.94	1920	2362	1920	2362	294.00	294.00	81.58	81.58	61.44	61.44	1.38	SI
2 Piso	P38	Top	B246-Wy-	-0.76	0.47	0.94	1920	2363	1920	2363	294.00	294.00	81.61	81.61	61.46	61.46	-0.09	SI
2 Piso	P38	Bottom	B246-Wy-	-4.00	0.47	0.94	1920	2364	1920	2364	294.00	294.00	81.64	81.64	61.49	61.49	1.38	SI
2 Piso	P38	Top	B247-Ex+	-0.77	0.47	0.94	1920	2365	1920	2365	294.00	294.00	81.68	81.68	61.51	61.51	-0.09	SI
2 Piso	P38	Bottom	B247-Ex+	-3.01	0.47	0.94	1920	2366	1920	2366	294.00	294.00	81.71	81.71	61.54	61.54	1.49	SI
2 Piso	P38	Top	B247-Ex-	-0.50	0.47	0.94	1920	2367	1920	2367	294.00	294.00	81.75	81.75	61.57	61.57	-0.05	SI
2 Piso	P38	Bottom	B247-Ex-	-4.54	0.47	0.94	1920	2368	1920	2368	294.00	294.00	81.78	81.78	61.59	61.59	1.27	SI
2 Piso	P38	Top	B247-Ey+	-0.94	0.47	0.94	1920	2369	1920	2369	294.00	294.00	81.82	81.82	61.62	61.62	-0.13	SI
2 Piso	P38	Bottom	B247-Ey+	-5.05	0.47	0.94	1920	2370	1920	2370	294.00	294.00	81.85	81.85	61.64	61.64	1.42	SI
2 Piso	P38	Top	B247-Ey-	-0.35	0.47	0.94	1920	2371	1920	2371	294.00	294.00	81.89	81.89	61.67	61.67	-0.01	SI
2 Piso	P38	Bottom	B247-Ey-	-2.51	0.47	0.94	1920	2372	1920	2372	294.00	294.00	81.92	81.92	61.70	61.70	1.34	SI
2 Piso	P38	Top	B242 Cx	-0.97	0.47	0.94	1920	2373	1920	2373	294.00	294.00	81.96	81.96	61.72	61.72	-0.10	SI
2 Piso	P38	Bottom	B242 Cx	-5.14	0.47	0.94	1920	2374	1920	2374	294.00	294.00	81.99	81.99	61.75	61.75	2.74	SI
2 Piso	P38	Top	B243-Wx- G	-1.39	0.47	0.94	1920	2375	1920	2375	294.00	294.00	82.03	82.03	61.77	61.77	-0.21	SI
2 Piso	P38	Bottom	B243-Wx- G	-6.03	0.47	0.94	1920	2376	1920	2376	294.00	294.00	82.06	82.06	61.80	61.80	1.85	SI
2 Piso	P38	Top	B243-Wy- G	-1.39	0.47	0.94	1920	2377	1920	2377	294.00	294.00	82.09	82.09	61.83	61.83	-0.21	SI
2 Piso	P38	Bottom	B243-Wy- G	-6.03	0.47	0.94	1920	2378	1920	2378	294.00	294.00	82.13	82.13	61.85	61.85	1.85	SI
2 Piso	P38	Top	B243-Wx+ G	-1.39	0.47	0.94	1920	2379	1920	2379	294.00	294.00	82.16	82.16	61.88	61.88	-0.21	SI
2 Piso	P38	Bottom	B243-Wx+ G	-6.03	0.47	0.94	1920	2380	1920	2380	294.00	294.00	82.20	82.20	61.90	61.90	1.85	SI
2 Piso	P38	Top	B243-Wy+ G	-1.39	0.47	0.94	1920	2381	1920	2381	294.00	294.00	82.23	82.23	61.93	61.93	-0.21	SI
2 Piso	P38	Bottom	B243-Wy+ G	-6.03	0.47	0.94	1920	2382	1920	2382	294.00	294.00	82.27	82.27	61.96	61.96	1.85	SI
2 Piso	P38	Top	B244-Wx- G	-1.10	0.47	0.94	1920	2383	1920	2383	294.00	294.00	82.30	82.30	61.98	61.98	-0.13	SI
2 Piso	P38	Bottom	B244-Wx- G	-5.43	0.47	0.94	1920	2384	1920	2384	294.00	294.00	82.34	82.34	62.01	62.01	2.41	SI
2 Piso	P38	Top	B244-Wx+ G	-1.10	0.47	0.94	1920	2385	1920	2385	294.00	294.00	82.37	82.37	62.03	62.03	-0.13	SI
2 Piso	P38	Bottom	B244-Wx+ G	-5.43	0.47	0.94	1920	2386	1920	2386	294.00	294.00	82.40	82.40	62.06	62.06	2.41	SI
2 Piso	P38	Top	B244-Wy- G	-1.10	0.47	0.94	1920	2387	1920	2387	294.00	294.00	82.44	82.44	62.08	62.08	-0.13	SI
2 Piso	P38	Bottom	B244-Wy- G	-5.43	0.47	0.94	1920	2388	1920	2388	294.00	294.00	82.47	82.47	62.11	62.11	2.41	SI
2 Piso	P38	Top	B244-Wy+ G	-1.10	0.47	0.94	1920	2389	1920	2389	294.00	294.00	82.51	82.51	62.14	62.14	-0.13	SI
2 Piso	P38	Bottom	B244-Wy+ G	-5.43	0.47	0.94	1920	2390	1920	2390	294.00	294.00	82.54	82.54	62.16	62.16	2.41	SI
2 Piso	P38	Top	B241	-2.71	0.81	0.94	1920	2391	1920	2391	294.00	294.00	82.58	82.58	62.19	62.19	-1.00	SI
2 Piso	P38	Bottom	B241	-10.53	0.81	0.94	1920	2392	1920	2392	294.00	294.00	82.61	82.61	62.22	62.22	3.78	SI
2 Piso	P38	Top	B242 Lcub	-2.52	0.81	0.94	1920	2393	1920	2393	294.00	294.00	82.65	82.65	62.24	62.24	-1.01	SI
2 Piso	P38	Bottom	B242 Lcub	-9.88	0.81	0.94	1920	2394	1920	2394	294.00	294.00	82.68	82.68	62.27	62.27	4.70	SI
2 Piso	P38	Top	B243-Wx+ Lcub	-2.98	0.81	0.94	1920	2395	1920	2395	294.00	294.00	82.72	82.72	62.29	62.29	-1.13	SI
2 Piso	P38	Bottom	B243-Wx+ Lcub	-16.19	0.81	0.94	1920	2396	1920	2396	294.00	294.00	82.75	82.75	62.32	62.32	5.98	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Sec. (cm²)	R	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	øMn ext (ton-m)	øMn int (ton-m)	MD2 (ton-m)	Cumple
2 Piso	P38	Top	8243-Wx- Lcub	2.38	0.61	0.64	1920	2397	1920	2397	294.00	294.00	82.78	82.78	82.78	82.78	-1.13	SI
2 Piso	P38	Bottom	8243-Wx- Lcub	-10.19	0.61	0.94	1920	2288	1920	2288	294.00	294.00	82.82	82.82	82.37	82.37	3.38	SI
2 Piso	P38	Top	8243-Wx+ Lcub	2.38	0.61	0.64	1920	2299	1920	2398	294.00	294.00	82.85	82.85	82.40	82.40	-1.13	SI
2 Piso	P38	Bottom	8243-Wx+ Lcub	-10.19	0.61	0.94	1920	2400	1920	2400	294.00	294.00	82.86	82.89	82.42	82.42	3.38	SI
2 Piso	P38	Top	8243-Wx- Lcub	2.38	0.61	0.64	1920	2401	1920	2401	294.00	294.00	82.92	82.92	82.45	82.45	-1.13	SI
2 Piso	P38	Bottom	8243-Wx- Lcub	-10.19	0.61	0.94	1920	2402	1920	2402	294.00	294.00	82.96	82.96	82.48	82.48	3.38	SI
2 Piso	P38	Top	8244-Wx+ Lcub	2.85	0.61	0.64	1920	2403	1920	2403	294.00	294.00	82.96	82.99	82.50	82.50	-1.12	SI
2 Piso	P38	Bottom	8244-Wx+ Lcub	-10.16	0.61	0.94	1920	2404	1920	2404	294.00	294.00	83.02	83.03	82.55	82.55	4.23	SI
2 Piso	P38	Top	8244-Wx- Lcub	2.85	0.61	0.94	1920	2405	1970	2405	294.00	294.00	83.06	83.06	82.55	82.59	-1.12	SI
2 Piso	P38	Bottom	8244-Wx- Lcub	-10.16	0.61	0.94	1920	2406	1920	2406	294.00	294.00	83.06	83.09	82.58	82.58	4.23	SI
2 Piso	P38	Top	8244-Wx+ Lcub	2.85	0.61	0.94	1920	2407	1920	2407	294.00	294.00	83.13	83.13	82.61	82.61	-1.12	SI
2 Piso	P38	Bottom	8244-Wx+ Lcub	-10.16	0.61	0.94	1920	2408	1920	2408	294.00	294.00	83.16	83.16	82.61	82.83	4.23	SI
2 Piso	P38	Top	8244-Wx- Lcub	2.85	0.61	0.94	1920	2409	1920	2409	294.00	294.00	83.20	83.20	82.66	82.66	-1.12	SI
2 Piso	P38	Bottom	8244-Wx- Lcub	-10.16	0.61	0.94	1920	2410	1920	2410	294.00	294.00	83.23	83.23	82.68	82.68	4.23	SI
2 Piso	P38	Top	8245-Ex+	2.39	0.61	0.94	1920	2411	1920	2411	294.00	294.00	83.27	83.27	82.71	82.71	-0.99	SI
2 Piso	P38	Bottom	8245-Ex+	-9.08	0.61	0.94	1920	2412	1920	2412	294.00	294.00	83.30	83.30	82.74	82.74	4.15	SI
2 Piso	P38	Top	8245-Ex-	2.42	0.61	0.94	1920	2413	1920	2413	294.00	294.00	83.34	83.34	82.78	82.78	-0.90	SI
2 Piso	P38	Bottom	8245-Ex-	-9.50	0.61	0.94	1920	2414	1920	2414	294.00	294.00	83.37	83.37	82.78	82.78	4.12	SI
2 Piso	P38	Top	8245-Ey+	2.57	0.61	0.94	1920	2415	1920	2415	294.00	294.00	83.41	83.41	82.81	82.81	-1.23	SI
2 Piso	P38	Bottom	8245-Ey+	-9.75	0.61	0.94	1920	2416	1920	2416	294.00	294.00	83.44	83.44	82.84	82.84	4.52	SI
2 Piso	P38	Top	8245-Ey-	-2.14	0.61	0.94	1920	2417	1920	2417	294.00	294.00	83.47	83.47	82.87	82.87	-0.60	SI
2 Piso	P38	Bottom	8245-Ey-	-8.80	0.61	0.94	1920	2418	1920	2418	294.00	294.00	83.51	83.51	82.87	82.88	3.75	SI
2 Piso	P38	Top	8246-Wx+	-2.09	0.61	0.94	1920	2419	1920	2419	294.00	294.00	83.54	83.54	82.91	82.92	-0.78	SI
2 Piso	P38	Bottom	8246-Wx+	-7.38	0.61	0.94	1920	2420	1920	2420	294.00	294.00	83.58	83.58	82.94	82.94	2.50	SI
2 Piso	P38	Top	8246-Wx-	-2.09	0.61	0.94	1920	2421	1920	2421	294.00	294.00	83.61	83.61	82.87	82.87	-0.79	SI
2 Piso	P38	Bottom	8246-Wx-	-7.38	0.61	0.94	1920	2422	1920	2422	294.00	294.00	83.65	83.65	83.00	83.00	2.50	SI
2 Piso	P38	Top	8246-Wy+	-2.09	0.61	0.94	1920	2423	1920	2423	294.00	294.00	83.68	83.68	83.01	83.02	-0.79	SI
2 Piso	P38	Bottom	8246-Wy+	-7.38	0.61	0.94	1920	2424	1920	2424	294.00	294.00	83.72	83.72	83.08	83.08	2.50	SI
2 Piso	P38	Top	8246-Wy-	-2.09	0.61	0.94	1920	2425	1920	2425	294.00	294.00	83.75	83.75	83.04	83.05	-0.79	SI
2 Piso	P38	Bottom	8246-Wy-	-7.38	0.61	0.94	1920	2426	1920	2426	294.00	294.00	83.79	83.79	83.15	83.15	2.50	SI
2 Piso	P38	Top	8247-Ex+	-1.88	0.61	0.94	1920	2427	1920	2427	294.00	294.00	83.82	83.82	83.12	83.12	-0.66	SI
2 Piso	P38	Bottom	8247-Ex+	-6.55	0.61	0.94	1920	2428	1920	2428	294.00	294.00	83.85	83.85	83.11	83.15	2.45	SI
2 Piso	P38	Top	8247-Ex-	1.80	0.61	0.94	1920	2429	1920	2429	294.00	294.00	83.86	83.89	83.16	83.16	-0.63	SI
2 Piso	P38	Bottom	8247-Ex-	-6.96	0.61	0.94	1920	2430	1920	2430	294.00	294.00	83.82	83.82	83.2	83.2	2.42	SI
2 Piso	P38	Top	8247-Ey+	1.96	0.61	0.94	1920	2431	1920	2431	294.00	294.00	83.96	83.96	83.23	83.23	-0.86	SI
2 Piso	P38	Bottom	8247-Ey+	-7.24	0.61	0.94	1920	2432	1920	2432	294.00	294.00	83.99	83.99	83.26	83.26	2.82	SI
2 Piso	P38	Top	8247-Ey-	1.52	0.61	0.94	1920	2433	1920	2433	294.00	294.00	84.03	84.03	83.28	83.28	-0.33	SI
2 Piso	P38	Bottom	8247-Ey-	-8.30	0.61	0.94	1920	2434	1920	2434	294.00	294.00	84.06	84.06	83.3	83.31	2.05	SI
2 Piso	P38	Top	8248-Cx	2.61	0.61	0.94	1920	2435	1920	2435	294.00	294.00	84.10	84.10	83.34	83.34	-1.13	SI
2 Piso	P38	Bottom	8248-Cx	-10.19	0.61	0.94	1920	2436	1920	2436	294.00	294.00	84.13	84.13	83.36	83.36	4.75	SI
2 Piso	P38	Top	8243-Wx- G	-9.49	0.61	0.94	1920	2437	1920	2437	294.00	294.00	84.17	84.17	83.39	83.39	-3.63	SI
2 Piso	P38	Bottom	8243-Wx- G	-11.78	0.61	0.94	1920	2438	1920	2438	294.00	294.00	84.20	84.20	83.4	83.41	3.54	SI
2 Piso	P38	Top	8243-Wy- G	-9.86	0.61	0.64	1920	2439	1920	2439	294.00	294.00	84.23	84.23	83.44	83.44	-1.50	SI
2 Piso	P38	Bottom	8243-Wy- G	-11.78	0.61	0.94	1920	2440	1920	2440	294.00	294.00	84.27	84.27	83.47	83.47	3.53	SI
2 Piso	P38	Top	8243-Wx+ G	3.98	0.61	0.64	1920	2441	1920	2441	294.00	294.00	84.30	84.30	83.48	83.48	-1.50	SI
2 Piso	P38	Bottom	8243-Wx+ G	-11.78	0.61	0.94	1920	2442	1920	2442	294.00	294.00	84.34	84.34	83.52	83.52	3.53	SI
2 Piso	P38	Top	8243-Wy+ G	3.96	0.61	0.64	1920	2443	1920	2443	294.00	294.00	84.37	84.37	83.54	83.54	-1.50	SI
2 Piso	P38	Bottom	8243-Wy+ G	-11.78	0.61	0.94	1920	2444	1920	2444	294.00	294.00	84.41	84.41	83.57	83.57	3.53	SI
2 Piso	P38	Top	8244-Wx- G	3.13	0.61	0.64	1920	2445	1920	2445	294.00	294.00	84.44	84.44	83.60	83.60	-1.24	SI
2 Piso	P38	Bottom	8244-Wx- G	-10.65	0.61	0.64	1920	2446	1920	2446	294.00	294.00	84.48	84.48	83.62	83.62	4.20	SI
2 Piso	P38	Top	8244-Wx+ G	3.13	0.61	0.94	1920	2447	1920	2447	294.00	294.00	84.51	84.51	83.65	83.65	-1.24	SI
2 Piso	P38	Bottom	8244-Wx+ G	-10.65	0.61	0.94	1920	2448	1920	2448	294.00	294.00	84.55	84.55	83.67	83.67	4.20	SI
2 Piso	P38	Top	8244-Wy- G	3.13	0.61	0.94	1920	2449	1920	2449	294.00	294.00	84.58	84.58	83.70	83.70	-1.24	SI
2 Piso	P38	Bottom	8244-Wy- G	-10.65	0.61	0.94	1920	2450	1920	2450	294.00	294.00	84.61	84.61	83.73	83.73	4.20	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area acc (m²)	R_n	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P40	Top	1.4D+1.6L+0.5S	-3.13	0.61	0.94	1920	245	1920	2451	294.00	294.00	84.65	84.65	63.71	63.75	-1.24	SI
2 Piso	P40	Bottom	1.4D+1.6L+0.5S	-10.65	0.61	0.94	1920	245	1920	2452	294.00	294.00	84.68	84.68	63.75	63.78	0.28	SI
2 Piso	P40	Top	1.2D+1.6L+0.5S	-4.21	0.61	0.94	1920	245	1920	2453	294.00	294.00	84.72	84.72	63.80	63.80	-1.58	SI
2 Piso	P40	Bottom	1.2D+1.6L+0.5S	-11.19	0.61	0.94	1920	245	1920	2454	294.00	294.00	84.75	84.75	63.83	63.83	2.81	SI
2 Piso	P40	Top	1.2D+1.0E+1.0L	-3.63	0.61	0.94	1920	245	1920	2455	294.00	294.00	84.79	84.79	63.86	63.96	-1.63	SI
2 Piso	P40	Bottom	1.2D+1.0E+1.0L	-10.38	0.61	0.94	1920	245	1920	2456	294.00	294.00	84.82	84.82	63.89	63.89	3.42	SI
2 Piso	P40	Top	0.9D+1.0E	-4.75	0.61	0.94	1920	245	1920	2457	294.00	294.00	84.86	84.86	63.91	63.91	-1.71	SI
2 Piso	P40	Bottom	0.9D+1.0E	-10.80	0.61	0.94	1920	245	1920	2458	294.00	294.00	84.89	84.89	63.94	63.94	2.53	SI
2 Piso	P40	Top	1.4D+1.6L+0.5S	-4.75	0.61	0.94	1920	245	1920	2459	294.00	294.00	84.93	84.93	63.96	63.96	-1.71	SI
2 Piso	P40	Bottom	1.4D+1.6L+0.5S	-10.80	0.61	0.94	1920	245	1920	2460	294.00	294.00	84.96	84.96	63.99	63.99	2.53	SI
2 Piso	P40	Top	1.2D+1.6L+0.5S	-4.75	0.61	0.94	1920	245	1920	2461	294.00	294.00	84.99	84.99	64.01	64.01	-1.71	SI
2 Piso	P40	Bottom	1.2D+1.6L+0.5S	-10.80	0.61	0.94	1920	245	1920	2462	294.00	294.00	85.03	85.03	64.04	64.04	2.53	SI
2 Piso	P40	Top	1.2D+1.0E+1.0L	-4.75	0.61	0.94	1920	245	1920	2463	294.00	294.00	85.06	85.06	64.06	64.06	-1.71	SI
2 Piso	P40	Bottom	1.2D+1.0E+1.0L	-10.80	0.61	0.94	1920	245	1920	2464	294.00	294.00	85.10	85.10	64.09	64.09	2.53	SI
2 Piso	P40	Top	0.9D+1.0E	-4.51	0.61	0.94	1920	245	1920	2465	294.00	294.00	85.13	85.13	64.12	64.12	-1.74	SI
2 Piso	P40	Bottom	0.9D+1.0E	-10.83	0.61	0.94	1920	245	1920	2466	294.00	294.00	85.17	85.17	64.14	64.14	3.12	SI
2 Piso	P40	Top	1.4D+1.6L+0.5S	-4.51	0.61	0.94	1920	245	1920	2467	294.00	294.00	85.20	85.20	64.17	64.17	-1.74	SI
2 Piso	P40	Bottom	1.4D+1.6L+0.5S	-10.83	0.61	0.94	1920	245	1920	2468	294.00	294.00	85.24	85.24	64.19	64.19	3.12	SI
2 Piso	P40	Top	1.2D+1.6L+0.5S	-4.51	0.61	0.94	1920	245	1920	2469	294.00	294.00	85.27	85.27	64.22	64.22	-1.74	SI
2 Piso	P40	Bottom	1.2D+1.6L+0.5S	-10.83	0.61	0.94	1920	245	1920	2470	294.00	294.00	85.31	85.31	64.25	64.25	3.12	SI
2 Piso	P40	Top	1.2D+1.0E+1.0L	-4.51	0.61	0.94	1920	245	1920	2471	294.00	294.00	85.34	85.34	64.27	64.27	-1.74	SI
2 Piso	P40	Bottom	1.2D+1.0E+1.0L	-10.83	0.61	0.94	1920	245	1920	2472	294.00	294.00	85.37	85.37	64.30	64.30	3.12	SI
2 Piso	P40	Top	1.2D+E.1+1.0L	-3.69	0.61	0.94	1920	245	1920	2473	294.00	294.00	85.41	85.41	64.33	64.33	-1.44	SI
2 Piso	P40	Bottom	1.2D+E.1+1.0L	-9.82	0.61	0.94	1920	245	1920	2474	294.00	294.00	85.44	85.44	64.35	64.35	2.98	SI
2 Piso	P40	Top	0.9D+E.1+1.0L	-3.58	0.61	0.94	1920	245	1920	2475	294.00	294.00	85.48	85.48	64.38	64.38	-1.51	SI
2 Piso	P40	Bottom	0.9D+E.1+1.0L	-9.90	0.61	0.94	1920	245	1920	2476	294.00	294.00	85.51	85.51	64.40	64.40	3.07	SI
2 Piso	P40	Top	1.2D+E.2+1.0L	-3.86	0.61	0.94	1920	245	1920	2477	294.00	294.00	85.55	85.55	64.43	64.43	-1.56	SI
2 Piso	P40	Bottom	1.2D+E.2+1.0L	-10.17	0.61	0.94	1920	245	1920	2478	294.00	294.00	85.58	85.58	64.46	64.45	3.00	SI
2 Piso	P40	Top	1.2D+E.3+1.0L	-3.32	0.61	0.94	1920	245	1920	2479	294.00	294.00	85.62	85.62	64.48	64.48	-1.40	SI
2 Piso	P40	Bottom	1.2D+E.3+1.0L	-9.66	0.61	0.94	1920	245	1920	2480	294.00	294.00	85.65	85.65	64.51	64.51	2.84	SI
2 Piso	P40	Top	1.2D+E.4+1.0L	-3.30	0.61	0.94	1920	245	1920	2481	294.00	294.00	85.68	85.68	64.53	64.53	-1.20	SI
2 Piso	P40	Bottom	1.2D+E.4+1.0L	-7.83	0.61	0.94	1920	245	1920	2482	294.00	294.00	85.72	85.72	64.56	64.56	1.87	SI
2 Piso	P40	Top	1.2D+E.5+1.0L	-3.30	0.61	0.94	1920	245	1920	2483	294.00	294.00	85.75	85.75	64.58	64.58	-1.20	SI
2 Piso	P40	Bottom	1.2D+E.5+1.0L	-7.83	0.61	0.94	1920	245	1920	2484	294.00	294.00	85.79	85.79	64.61	64.61	1.87	SI
2 Piso	P40	Top	1.2D+E.6+1.0L	-3.30	0.61	0.94	1920	245	1920	2485	294.00	294.00	85.82	85.82	64.64	64.64	-1.20	SI
2 Piso	P40	Bottom	1.2D+E.6+1.0L	-7.83	0.61	0.94	1920	245	1920	2486	294.00	294.00	85.86	85.86	64.66	64.66	1.87	SI
2 Piso	P40	Top	1.2D+E.7+1.0L	-3.30	0.61	0.94	1920	245	1920	2487	294.00	294.00	85.89	85.89	64.69	64.69	-1.20	SI
2 Piso	P40	Bottom	1.2D+E.7+1.0L	-7.83	0.61	0.94	1920	245	1920	2488	294.00	294.00	85.93	85.93	64.71	64.71	1.87	SI
2 Piso	P40	Top	1.2D+E.8+1.0L	-2.75	0.61	0.94	1920	245	1920	2489	294.00	294.00	85.96	85.96	64.74	64.74	-0.98	SI
2 Piso	P40	Bottom	1.2D+E.8+1.0L	-7.21	0.61	0.94	1920	245	1920	2490	294.00	294.00	86.00	86.00	64.77	64.77	1.78	SI
2 Piso	P40	Top	0.9D+E.8+1.0L	-2.68	0.61	0.94	1920	245	1920	2491	294.00	294.00	86.03	86.03	64.79	64.79	-1.06	SI
2 Piso	P40	Bottom	0.9D+E.8+1.0L	-7.18	0.61	0.94	1920	245	1920	2492	294.00	294.00	86.07	86.07	64.82	64.82	1.85	SI
2 Piso	P40	Top	1.2D+E.9+1.0L	-3.03	0.61	0.94	1920	245	1920	2493	294.00	294.00	86.10	86.10	64.84	64.84	-1.08	SI
2 Piso	P40	Bottom	1.2D+E.9+1.0L	-7.45	0.61	0.94	1920	245	1920	2494	294.00	294.00	86.13	86.13	64.87	64.87	1.99	SI
2 Piso	P40	Top	0.9D+E.9+1.0L	-2.28	0.61	0.94	1920	245	1920	2495	294.00	294.00	86.17	86.17	64.90	64.90	-0.84	SI
2 Piso	P40	Bottom	0.9D+E.9+1.0L	-6.64	0.61	0.94	1920	245	1920	2496	294.00	294.00	86.20	86.20	64.92	64.92	1.82	SI
2 Piso	P40	Top	1.2D+E.10+1.0L	-4.41	0.61	0.94	1920	245	1920	2497	294.00	294.00	86.24	86.24	64.95	64.95	-1.78	SI
2 Piso	P40	Bottom	1.2D+E.10+1.0L	-10.90	0.61	0.94	1920	245	1920	2498	294.00	294.00	86.27	86.27	64.97	64.97	3.47	SI
2 Piso	P40	Top	1.2D+E.11+1.0L	-6.21	0.61	0.94	1920	245	1920	2499	294.00	294.00	86.31	86.31	65.00	65.00	-2.20	SI
2 Piso	P40	Bottom	1.2D+E.11+1.0L	-12.45	0.61	0.94	1920	245	1920	2500	294.00	294.00	86.34	86.34	65.03	65.03	2.70	SI
2 Piso	P40	Top	0.9D+E.11+1.0L	-6.31	0.61	0.94	1920	245	1920	2501	294.00	294.00	86.38	86.38	65.06	65.06	-2.20	SI
2 Piso	P40	Bottom	0.9D+E.11+1.0L	-12.45	0.61	0.94	1920	245	1920	2502	294.00	294.00	86.41	86.41	65.08	65.08	2.70	SI
2 Piso	P40	Top	1.2D+E.12+1.0L	-6.31	0.61	0.94	1920	245	1920	2503	294.00	294.00	86.45	86.45	65.10	65.10	-2.20	SI
2 Piso	P40	Bottom	1.2D+E.12+1.0L	-12.45	0.61	0.94	1920	245	1920	2504	294.00	294.00	86.48	86.48	65.13	65.13	2.70	SI

STORY	MURO	LOC.	COMB	P u (ton)	Area sec. (m²)	ϕ_v	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P40	Top	B143-Wx+ G	-8.31	0.61	0.90	1920	2505	1920	2505	294.00	294.00	86.51	86.51	65.11	65.16	-2.20	SI
2 Piso	P40	Bottom	B143-Wx+ G	-12.45	0.61	0.90	1920	2505	1920	2506	294.00	294.00	86.66	86.66	65.16	65.16	2.70	SI
2 Piso	P40	Top	B244-Wx- G	-4.99	0.61	0.90	1920	2507	1920	2507	294.00	294.00	86.58	86.58	65.21	65.21	-1.89	SI
2 Piso	P40	Bottom	B244-Wx- G	-11.34	0.61	0.90	1920	2508	1920	2508	294.00	294.00	86.62	86.62	65.23	65.23	3.17	SI
2 Piso	P40	Top	B144-Wx+ G	-4.99	0.61	0.90	1920	2508	1920	2509	294.00	294.00	86.55	86.55	65.20	65.20	-1.89	SI
2 Piso	P40	Bottom	B244-Wx+ G	-11.34	0.61	0.90	1920	2510	1920	2510	294.00	294.00	86.69	86.69	65.29	65.29	3.17	SI
2 Piso	P40	Top	B244-Wx- G	-4.99	0.61	0.90	1920	2511	1920	2511	294.00	294.00	86.72	86.72	65.31	65.31	-1.89	SI
2 Piso	P40	Bottom	B244-Wx- G	-11.34	0.61	0.90	1920	2512	1920	2512	294.00	294.00	86.76	86.76	65.34	65.34	3.17	SI
2 Piso	P40	Top	B244-Wx+ G	-4.99	0.61	0.90	1920	2513	1920	2513	294.00	294.00	86.75	86.76	65.36	65.36	-1.89	SI
2 Piso	P40	Bottom	B244-Wx+ G	-11.34	0.61	0.90	1920	2514	1920	2514	294.00	294.00	86.82	86.82	65.36	65.38	3.17	SI
2 Piso	P41	Top	B241	-5.48	0.62	0.90	1920	2515	1920	2515	294.00	294.00	86.88	86.88	65.40	65.40	-2.20	SI
2 Piso	P41	Bottom	B241	-10.17	0.62	0.90	1920	2516	1920	2516	294.00	294.00	86.85	86.88	65.44	65.44	4.06	SI
2 Piso	P41	Top	B242 Lcub	-5.09	0.62	0.90	1920	2517	1920	2517	294.00	294.00	86.83	86.90	65.47	65.47	-2.22	SI
2 Piso	P41	Bottom	B242 Lcub	-9.45	0.62	0.90	1920	2518	1920	2518	294.00	294.00	86.96	86.96	65.49	65.49	4.43	SI
2 Piso	P41	Top	B243-Wx+ Lcub	-8.31	0.62	0.90	1920	2519	1920	2519	294.00	294.00	87.00	87.00	65.51	65.52	-2.39	SI
2 Piso	P41	Bottom	B243-Wx+ Lcub	-10.01	0.62	0.90	1920	2520	1920	2520	294.00	294.00	87.08	87.08	65.55	65.55	3.62	SI
2 Piso	P41	Top	B243-Wx- Lcub	-8.31	0.62	0.90	1920	2521	1920	2521	294.00	294.00	87.07	87.07	65.57	65.57	-2.39	SI
2 Piso	P41	Bottom	B243-Wx- Lcub	-10.01	0.62	0.90	1920	2522	1920	2522	294.00	294.00	87.10	87.10	65.60	65.60	3.62	SI
2 Piso	P41	Top	B244-Wx+ Lcub	-5.93	0.62	0.90	1920	2523	1920	2523	294.00	294.00	87.14	87.14	65.62	65.62	-2.39	SI
2 Piso	P41	Bottom	B244-Wx+ Lcub	-9.85	0.62	0.90	1920	2524	1920	2524	294.00	294.00	87.17	87.17	65.65	65.65	3.62	SI
2 Piso	P41	Top	B243-Wx- Lcub	-8.31	0.62	0.90	1920	2525	1920	2525	294.00	294.00	87.20	87.20	65.66	65.66	-2.39	SI
2 Piso	P41	Bottom	B243-Wx- Lcub	-10.01	0.62	0.90	1920	2526	1920	2526	294.00	294.00	87.24	87.24	65.70	65.70	3.62	SI
2 Piso	P41	Top	B244-Wx+ Lcub	-5.93	0.62	0.90	1920	2527	1920	2527	294.00	294.00	87.27	87.27	65.72	65.72	-2.40	SI
2 Piso	P41	Bottom	B244-Wx+ Lcub	-9.85	0.62	0.90	1920	2528	1920	2528	294.00	294.00	87.31	87.31	65.75	65.75	4.16	SI
2 Piso	P41	Top	B244-Wx- Lcub	-5.93	0.62	0.90	1920	2529	1920	2529	294.00	294.00	87.34	87.34	65.78	65.78	3.60	SI
2 Piso	P41	Bottom	B244-Wx- Lcub	-9.85	0.62	0.90	1920	2530	1920	2530	294.00	294.00	87.38	87.38	65.81	65.81	4.16	SI
2 Piso	P41	Top	B245-Wx+ Lcub	-5.93	0.62	0.90	1920	2531	1920	2531	294.00	294.00	87.41	87.41	65.83	65.83	-2.40	SI
2 Piso	P41	Bottom	B245-Wx+ Lcub	-9.85	0.62	0.90	1920	2532	1920	2532	294.00	294.00	87.45	87.45	65.86	65.86	4.16	SI
2 Piso	P41	Top	B245-Wx- Lcub	-5.93	0.62	0.90	1920	2533	1920	2533	294.00	294.00	87.48	87.48	65.88	65.88	-2.40	SI
2 Piso	P41	Bottom	B245-Wx- Lcub	-9.85	0.62	0.90	1920	2534	1920	2534	294.00	294.00	87.52	87.52	65.91	65.91	4.16	SI
2 Piso	P41	Top	B245-Ex+	-4.80	0.62	0.90	1920	2535	1920	2535	294.00	294.00	87.56	87.56	65.94	65.94	-2.11	SI
2 Piso	P41	Bottom	B245-Ex+	-9.01	0.62	0.90	1920	2536	1920	2536	294.00	294.00	87.59	87.59	65.96	66.00	4.10	SI
2 Piso	P41	Top	B245-Ex-	-4.62	0.62	0.90	1920	2537	1920	2537	294.00	294.00	87.62	87.62	65.98	65.99	-1.84	SI
2 Piso	P41	Bottom	B245-Ex-	-8.03	0.62	0.90	1920	2538	1920	2538	294.00	294.00	87.66	87.05	88.01	66.01	4.03	SI
2 Piso	P41	Top	B245-Ex+	-4.97	0.62	0.90	1920	2539	1920	2539	294.00	294.00	87.69	87.69	66.04	66.04	-2.37	SI
2 Piso	P41	Bottom	B245-Ex+	-9.21	0.62	0.90	1920	2540	1920	2540	294.00	294.00	87.72	87.72	66.07	66.07	4.82	SI
2 Piso	P41	Top	B245-Ex-	-4.45	0.62	0.90	1920	2541	1920	2541	294.00	294.00	87.76	87.76	66.09	66.09	-1.56	SI
2 Piso	P41	Bottom	B245-Ex-	-8.73	0.62	0.90	1920	2542	1920	2542	294.00	294.00	87.79	87.79	66.12	66.12	3.51	SI
2 Piso	P41	Top	B246-Wx+	-4.37	0.62	0.90	1920	2543	1920	2543	294.00	294.00	87.83	87.83	66.14	66.14	-1.68	SI
2 Piso	P41	Bottom	B246-Wx+	-7.22	0.62	0.90	1920	2544	1920	2544	294.00	294.00	87.86	87.86	66.17	66.17	2.88	SI
2 Piso	P41	Top	B246-Wx-	-4.37	0.62	0.90	1920	2545	1920	2545	294.00	294.00	87.90	87.90	66.20	66.20	-1.68	SI
2 Piso	P41	Bottom	B246-Wx-	-7.22	0.62	0.90	1920	2546	1920	2546	294.00	294.00	87.93	87.93	66.22	66.22	2.88	SI
2 Piso	P41	Top	B246-Wx+	-4.37	0.62	0.90	1920	2547	1920	2547	294.00	294.00	87.96	87.96	66.25	66.25	-1.68	SI
2 Piso	P41	Bottom	B246-Wx+	-7.22	0.62	0.90	1920	2548	1920	2548	294.00	294.00	88.00	88.00	66.27	66.27	2.89	SI
2 Piso	P41	Top	B246-Wx-	-4.37	0.62	0.90	1920	2549	1920	2549	294.00	294.00	88.03	88.03	66.30	66.30	-1.68	SI
2 Piso	P41	Bottom	B246-Wx-	-7.22	0.62	0.90	1920	2550	1920	2550	294.00	294.00	88.07	88.07	66.32	66.33	2.89	SI
2 Piso	P41	Top	B247-Ex+	-9.61	0.62	0.90	1920	2551	1920	2551	294.00	294.00	88.10	88.10	66.35	66.35	-1.50	SI
2 Piso	P41	Bottom	B247-Ex+	6.55	0.62	0.90	1920	2552	1920	2552	294.00	294.00	88.14	87.14	66.38	66.38	2.66	SI
2 Piso	P41	Top	B247-Ex-	-2.43	0.62	0.90	1920	2553	1920	2553	294.00	294.00	88.17	88.17	66.40	66.40	-1.03	SI
2 Piso	P41	Bottom	B247-Ex-	-6.50	0.62	0.90	1920	2554	1920	2554	294.00	294.00	88.21	88.21	66.43	66.43	2.50	SI
2 Piso	P41	Top	B247-Ex+	-2.78	0.62	0.90	1920	2555	1920	2555	294.00	294.00	88.24	88.24	66.46	66.46	-1.76	SI
2 Piso	P41	Bottom	B247-Ex+	-8.78	0.62	0.90	1920	2556	1920	2556	294.00	294.00	88.28	88.28	66.48	66.48	3.10	SI
2 Piso	P41	Top	B247-Ex-	-3.26	0.62	0.90	1920	2557	1920	2557	294.00	294.00	88.31	88.31	66.51	66.51	-1.97	SI
2 Piso	P41	Bottom	B247-Ex-	-6.29	0.62	0.90	1920	2558	1920	2558	294.00	294.00	88.34	88.34	66.53	66.53	2.97	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Asmax req (cm²)	RL	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ϕMn ext (ton-m)	ϕMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P41	Top	B242 G	-5.78	0.62	0.94	1920	2559	1920	2559	294.00	294.00	88.36	88.36	66.56	66.56	-2.44	SI
2 Piso	P41	Bottom	B242 G	-8.97	0.62	0.93	1920	2560	1920	2560	294.00	294.00	88.41	88.41	66.61	66.56	4.48	SI
2 Piso	P41	Top	B243-Wx- G	-8.51	0.62	0.94	1920	2561	1920	2561	294.00	294.00	88.45	88.45	66.61	66.61	-3.07	SI
2 Piso	P41	Bottom	B243-Wx- G	-11.77	0.62	0.89	1920	2562	1920	2562	294.00	294.00	88.48	88.48	66.64	66.64	3.75	SI
2 Piso	P41	Top	B243-Wy+ G	-8.51	0.62	0.94	1920	2563	1920	2563	294.00	294.00	88.52	88.52	66.68	66.68	-3.07	SI
2 Piso	P41	Bottom	B243-Wy+ G	-11.77	0.62	0.94	1920	2564	1920	2564	294.00	294.00	88.55	88.55	66.68	66.68	3.79	SI
2 Piso	P41	Top	B243-Wx+ G	-8.51	0.62	0.94	1920	2565	1920	2565	294.00	294.00	88.59	88.59	66.72	66.72	-3.07	SI
2 Piso	P41	Bottom	B243-Wx+ G	-11.77	0.62	0.94	1920	2566	1920	2566	294.00	294.00	88.62	88.62	66.74	66.74	3.79	SI
2 Piso	P41	Top	B243-Wy- G	-8.51	0.62	0.94	1920	2567	1920	2567	294.00	294.00	88.66	88.66	66.77	66.77	-3.07	SI
2 Piso	P41	Bottom	B243-Wy- G	-11.77	0.62	0.94	1920	2568	1920	2568	294.00	294.00	88.69	88.68	66.78	66.78	3.79	SI
2 Piso	P41	Top	B244-Wx- G	-9.63	0.62	0.94	1920	2569	1920	2569	294.00	294.00	88.72	88.72	66.81	66.82	-2.82	SI
2 Piso	P41	Bottom	B244-Wx- G	-10.50	0.62	0.86	1920	2570	1920	2570	294.00	294.00	88.75	88.75	66.81	66.85	4.21	SI
2 Piso	P41	Top	B244-Wx+ G	-5.62	0.62	0.94	1920	2571	1920	2571	294.00	294.00	88.78	88.79	66.81	66.87	-2.82	SI
2 Piso	P41	Bottom	B244-Wx+ G	-10.50	0.62	0.86	1920	2572	1920	2572	294.00	294.00	88.83	88.83	66.90	66.90	4.21	SI
2 Piso	P41	Top	B244-Wy- G	5.52	0.62	0.94	1920	2573	1920	2573	294.00	294.00	88.86	88.86	66.92	66.92	-2.82	SI
2 Piso	P41	Bottom	B244-Wy- G	-10.50	0.62	0.87	1920	2574	1920	2574	294.00	294.00	88.90	88.90	66.95	66.95	4.21	SI
2 Piso	P41	Top	B244-Wy+ G	-5.62	0.62	0.94	1920	2575	1920	2575	294.00	294.00	88.93	88.93	66.98	66.98	-2.82	SI
2 Piso	P41	Bottom	B244-Wy+ G	-10.50	0.62	0.94	1920	2576	1920	2576	294.00	294.00	88.97	88.97	67.00	67.00	4.21	SI
2 Piso	P42	Top	B241	-5.17	0.58	0.94	1920	2577	1920	2577	294.00	294.00	88.00	89.00	67.00	67.00	-1.68	SI
2 Piso	P42	Bottom	B241	-10.66	0.58	0.94	1920	2578	1920	2578	294.00	294.00	88.04	89.04	67.01	67.06	1.88	SI
2 Piso	P42	Top	B242 Loub	-4.81	0.58	0.94	1920	2579	1920	2579	294.00	294.00	88.07	89.07	67.06	67.06	-1.71	SI
2 Piso	P42	Bottom	B242 Loub	-9.78	0.58	0.94	1920	2580	1920	2580	294.00	294.00	88.10	89.10	67.11	67.11	2.48	SI
2 Piso	P42	Top	B243-Wx+ Loub	-5.92	0.58	0.94	1920	2581	1920	2581	294.00	294.00	88.14	89.14	67.13	67.13	-1.68	SI
2 Piso	P42	Bottom	B243-Wx+ Loub	-10.35	0.58	0.94	1920	2582	1920	2582	294.00	294.00	88.17	89.17	67.16	67.16	1.80	SI
2 Piso	P42	Top	B243-Wx- Loub	-5.92	0.58	0.94	1920	2583	1920	2583	294.00	294.00	88.21	89.21	67.18	67.18	-1.68	SI
2 Piso	P42	Bottom	B243-Wx- Loub	-10.35	0.58	0.86	1920	2584	1920	2584	294.00	294.00	88.24	89.24	67.21	67.21	1.80	SI
2 Piso	P42	Top	B243-Wy+ Loub	5.92	0.58	0.94	1920	2585	1920	2585	294.00	294.00	88.28	89.28	67.23	67.23	-1.88	SI
2 Piso	P42	Bottom	B243-Wy+ Loub	-10.35	0.58	0.87	1920	2586	1920	2586	294.00	294.00	88.31	89.31	67.26	67.28	1.80	SI
2 Piso	P42	Top	B243-Wy- Loub	5.92	0.58	0.94	1920	2587	1920	2587	294.00	294.00	88.35	89.35	67.28	67.28	-1.88	SI
2 Piso	P42	Bottom	B243-Wy- Loub	-10.35	0.58	0.94	1920	2588	1920	2588	294.00	294.00	88.38	89.38	67.31	67.31	1.80	SI
2 Piso	P42	Top	B244-Wx+ Loub	-5.58	0.58	0.94	1920	2589	1920	2589	294.00	294.00	88.42	89.42	67.34	67.34	-1.88	SI
2 Piso	P42	Bottom	B244-Wx+ Loub	-10.27	0.58	0.94	1920	2590	1920	2590	294.00	294.00	88.45	89.45	67.37	67.37	2.23	SI
2 Piso	P42	Top	B244-Wx- Loub	-5.58	0.58	0.94	1920	2591	1920	2591	294.00	294.00	88.48	89.48	67.39	67.39	-1.88	SI
2 Piso	P42	Bottom	B244-Wx- Loub	-10.27	0.58	0.94	1920	2592	1920	2592	294.00	294.00	88.52	89.52	67.42	67.42	2.23	SI
2 Piso	P42	Top	B244-Wy+ Loub	-5.58	0.58	0.94	1920	2593	1920	2593	294.00	294.00	88.55	89.55	67.44	67.44	-1.88	SI
2 Piso	P42	Bottom	B244-Wy+ Loub	-10.27	0.58	0.94	1920	2594	1920	2594	294.00	294.00	88.58	89.58	67.47	67.47	2.23	SI
2 Piso	P42	Top	B244-Wy- Loub	-5.58	0.58	0.94	1920	2595	1920	2595	294.00	294.00	88.62	89.62	67.50	67.50	-1.88	SI
2 Piso	P42	Bottom	B244-Wy- Loub	-10.27	0.58	0.86	1920	2596	1920	2596	294.00	294.00	88.65	89.65	67.52	67.52	2.23	SI
2 Piso	P42	Top	B245-Ex+	4.49	0.58	0.94	1920	2597	1920	2597	294.00	294.00	88.68	89.68	67.55	67.55	-1.53	SI
2 Piso	P42	Bottom	B245-Ex+	-10.16	0.58	0.94	1920	2598	1920	2598	294.00	294.00	88.72	89.73	67.57	67.57	2.08	SI
2 Piso	P42	Top	B245-Ex-	-4.42	0.58	0.94	1920	2599	1920	2599	294.00	294.00	88.75	89.76	67.60	67.60	-1.58	SI
2 Piso	P42	Bottom	B245-Ex-	-8.55	0.58	0.94	1920	2600	1920	2600	294.00	294.00	88.78	89.80	67.62	67.63	2.23	SI
2 Piso	P42	Top	B245-Ey+	-4.41	0.58	0.94	1920	2601	1920	2601	294.00	294.00	88.83	89.83	67.65	67.65	-2.50	SI
2 Piso	P42	Bottom	B245-Ey+	-6.76	0.58	0.94	1920	2602	1920	2602	294.00	294.00	88.86	89.86	67.68	67.68	3.18	SI
2 Piso	P42	Top	B245-Ey-	-4.00	0.58	0.94	1920	2603	1920	2603	294.00	294.00	88.90	89.90	67.70	67.70	-0.58	SI
2 Piso	P42	Bottom	B245-Ey-	-6.85	0.58	0.94	1920	2604	1920	2604	294.00	294.00	88.93	89.93	67.73	67.73	1.14	SI
2 Piso	P42	Top	B246-Wx+	-4.41	0.58	0.94	1920	2605	1920	2605	294.00	294.00	88.97	91.07	67.76	67.76	-1.31	SI
2 Piso	P42	Bottom	B246-Wx+	-7.49	0.58	0.94	1920	2606	1920	2606	294.00	294.00	89.00	91.00	67.78	67.78	1.32	SI
2 Piso	P42	Top	B246-Wx-	-4.11	0.58	0.94	1920	2607	1920	2607	294.00	294.00	89.04	91.04	67.81	67.81	-1.31	SI
2 Piso	P42	Bottom	B246-Wx-	-7.49	0.58	0.94	1920	2608	1920	2608	294.00	294.00	89.07	91.07	67.83	67.83	1.32	SI
2 Piso	P42	Top	B246-Wy+	-4.11	0.58	0.94	1920	2609	1920	2609	294.00	294.00	89.11	91.11	67.86	67.86	-1.31	SI
2 Piso	P42	Bottom	B246-Wy+	-7.49	0.58	0.94	1920	2610	1920	2610	294.00	294.00	89.14	91.14	67.88	67.88	1.32	SI
2 Piso	P42	Top	B246-Wy-	-4.11	0.58	0.94	1920	2611	1920	2611	294.00	294.00	89.17	91.17	67.91	67.91	-1.31	SI
2 Piso	P42	Bottom	B246-Wy-	-7.49	0.58	0.94	1920	2612	1920	2612	294.00	294.00	89.21	91.21	67.94	67.94	1.32	SI

STOREY	MURO	LOC.	COMB	Pu [ton]	Área (m^2)	R_u	As cal (mm^2)	fy cal (Mpa)	As int (mm^2)	fy int (Mpa)	d cal (mm)	d int (mm)	Mn cal (ton-m)	Mn int (ton-m)	ϕMn cal (ton-m)	ϕMn int (ton-m)	MR2 (ton-m)	Cumple
2 Piso	P42	Top	1.2[7-Ex+	-3.38	0.56	0.9[illegible]	1920	2612	1920	28[illegible]	294.00	294.00	90.24	97.24	67.68	67.98	-1.07	SI
2 Piso	P42	Bottom	1.247-Ex+	-7.66	0.56	0.86	1920	2614	1920	28[illegible]4	294.00	294.00	90.28	87.28	67.[illegible]	67.92	1.20	SI
2 Piso	P42	Top	1.247-Ex-	-3.29	0.56	0.9[illegible]	1920	2611	1920	28[illegible]5	294.00	294.00	90.31	97.31	68.00	68.32	-1.09	SI
2 Piso	P42	Bottom	1.247-Ex-	-5.05	0.56	0.90	1920	2616	1920	28[illegible]6	294.00	294.00	90.35	87.35	68.04	68.34	1.34	SI
2 Piso	P42	Top	1.247-Ey+	-3.78	0.55	0.91	1920	2617	1920	28[illegible]7	294.00	294.00	90.38	97.38	68.07	68.37	-2.04	SI
2 Piso	P42	Bottom	1.247-Ey+	-7.28	0.56	0.94	1920	2618	1920	28[illegible]8	294.00	294.00	90.42	97.42	68.10	68.40	2.28	SI
2 Piso	P42	Top	1.247-Ey-	-2.87	0.58	0.91	1920	2616	1920	28[illegible]6	294.00	294.00	90.48	87.48	68.15	68.12	-0.12	SI
2 Piso	P42	Bottom	1.247-Ey-	-6.46	0.56	0.94	1920	2620	1920	2820	294.00	294.00	90.44	97.49	68.13	68.15	0.26	SI
2 Piso	P42	Top	1.242 G	-5.44	0.56	0.90	1920	2625	1920	2621	294.00	294.00	90.52	87.52	68.17	68.17	-1.89	SI
2 Piso	P42	Bottom	1.247 G	-10.28	0.56	0.84	1920	2622	1920	2622	294.00	294.00	90.55	97.55	68.21	68.20	7.50	SI
2 Piso	P42	Top	1.243-Wx- G	-7.96	0.56	0.87	1920	2623	1920	2623	294.00	294.00	90.56	87.59	68.23	68.23	-2.48	SI
2 Piso	P42	Bottom	1.243-Wx- G	-12.01	0.56	0.91	1920	2624	1920	2624	294.00	294.00	90.62	97.62	68.25	68.25	1.93	SI
2 Piso	P42	Top	1.243-Wx- G	-7.96	0.55	0.84	1920	2625	1920	2625	294.00	294.00	90.66	97.66	68.28	68.28	-2.48	SI
2 Piso	P42	Bottom	1.243-Wx- G	-12.01	0.56	0.91	1920	2626	1920	2626	294.00	294.00	90.69	97.69	68.30	68.30	1.93	SI
2 Piso	P42	Top	1.243-Wx- G	-7.96	0.55	0.84	1920	2627	1920	2627	294.00	294.00	90.73	97.73	68.33	68.33	-2.48	SI
2 Piso	P42	Bottom	1.243-Wx- G	-12.01	0.56	0.91	1920	2628	1920	2628	294.00	294.00	90.76	97.76	68.36	68.36	1.93	SI
2 Piso	P42	Top	1.243-Wy- G	-7.96	0.55	0.84	1920	2629	1920	2629	294.00	294.00	90.80	97.80	68.39	68.39	-2.48	SI
2 Piso	P42	Bottom	1.243-Wy- G	-12.01	0.56	0.91	1920	2630	1920	2630	294.00	294.00	90.83	97.83	68.41	68.41	1.93	SI
2 Piso	P42	Top	1.244-Wx- G	6.22	0.56	0.84	1920	2631	1920	2631	294.00	294.00	90.87	97.87	68.43	68.43	-2.07	SI
2 Piso	P42	Bottom	1.244-Wx- G	-10.79	0.56	0.84	1920	2632	1920	2632	294.00	294.00	90.90	97.90	68.46	68.46	2.28	SI
2 Piso	P42	Top	1.244-Wx- G	6.22	0.56	0.84	1920	2633	1920	2633	294.00	294.00	90.93	97.93	68.48	68.49	-2.07	SI
2 Piso	P42	Bottom	1.244-Wx- G	-10.79	0.56	0.94	1920	2634	1920	2634	294.00	294.00	90.97	97.97	68.51	68.51	2.28	SI
2 Piso	P42	Top	1.244-Wy- G	-8.22	0.56	0.84	1920	2635	1920	2635	294.00	294.00	91.00	91.00	68.54	68.54	-2.07	SI
2 Piso	P42	Bottom	1.244-Wy- G	-10.79	0.56	0.84	1920	2636	1920	2636	294.00	294.00	91.04	91.04	68.56	68.56	2.28	SI
2 Piso	P42	Top	1.244-Wy- G	-8.22	0.56	0.84	1920	2637	1920	2637	294.00	294.00	91.07	91.07	68.59	68.59	-2.07	SI
2 Piso	P42	Bottom	1.244-Wy- G	-10.79	0.56	0.81	1920	2638	1920	2638	294.00	294.00	91.11	91.11	68.62	68.62	2.28	SI
2 Piso	P43	Top	1.241	-5.56	0.81	0.84	1920	2639	1920	2639	294.00	294.00	91.14	91.14	68.64	68.64	-2.00	SI
2 Piso	P43	Bottom	1.241	-10.38	0.81	0.80	1920	2640	1920	2640	294.00	294.00	91.18	91.18	68.67	68.67	3.13	SI
2 Piso	P43	Top	1.242 Lcub	5.17	0.81	0.84	1920	2641	1920	2641	294.00	294.00	91.21	91.21	68.69	68.69	-2.00	SI
2 Piso	P43	Bottom	1.242 Lcub	-8.56	0.81	0.84	1920	2642	1920	2642	294.00	294.00	91.25	91.25	68.72	68.72	3.48	SI
2 Piso	P43	Top	1.243-Wx+ Lcub	-5.39	0.81	0.84	1920	2643	1920	2643	294.00	294.00	91.28	91.28	68.75	68.75	-2.20	SI
2 Piso	P43	Bottom	1.243-Wx+ Lcub	-10.23	0.81	0.84	1920	2644	1920	2644	294.00	294.00	91.31	91.31	68.77	68.77	2.89	SI
2 Piso	P43	Top	1.243-Wx- Lcub	-5.39	0.81	0.84	1920	2645	1920	2645	294.00	294.00	91.35	91.35	68.80	68.80	-2.20	SI
2 Piso	P43	Bottom	1.243-Wx- Lcub	-10.23	0.81	0.84	1920	2646	1920	2646	294.00	294.00	91.38	91.38	68.82	68.82	2.89	SI
2 Piso	P43	Top	1.243-Wy+ Lcub	-5.39	0.81	0.84	1920	2647	1920	2647	294.00	294.00	91.42	91.42	68.85	68.85	-2.20	SI
2 Piso	P43	Bottom	1.243-Wy+ Lcub	-10.23	0.81	0.84	1920	2648	1920	2648	294.00	294.00	91.45	91.45	68.88	68.88	2.89	SI
2 Piso	P43	Top	1.243-Wy- Lcub	-5.39	0.81	0.84	1920	2649	1920	2649	294.00	294.00	91.48	91.48	68.90	68.90	-2.20	SI
2 Piso	P43	Bottom	1.243-Wy- Lcub	-10.23	0.81	0.84	1920	2650	1920	2650	294.00	294.00	91.52	91.52	68.93	68.93	2.89	SI
2 Piso	P43	Top	1.244-Wx+ Lcub	-6.01	0.61	0.84	1920	2651	1920	2651	294.00	294.00	91.56	91.56	68.96	68.96	-2.10	SI
2 Piso	P43	Bottom	1.244-Wx+ Lcub	-10.13	0.81	0.84	1920	2652	1920	2652	294.00	294.00	91.59	91.59	68.99	68.99	3.26	SI
2 Piso	P43	Top	1.244-Wx- Lcub	-6.01	0.61	0.84	1920	2653	1920	2653	294.00	294.00	91.63	91.63	69.01	69.01	-2.10	SI
2 Piso	P43	Bottom	1.244-Wx- Lcub	-10.13	0.81	0.84	1920	2654	1920	2654	294.00	294.00	91.66	91.66	69.04	69.04	3.26	SI
2 Piso	P43	Top	1.244-Wy+ Lcub	-6.01	0.61	0.84	1920	2655	1920	2655	294.00	294.00	91.69	91.69	69.06	69.06	-2.10	SI
2 Piso	P43	Bottom	1.244-Wy+ Lcub	-10.13	0.81	0.84	1920	2656	1920	2656	294.00	294.00	91.73	91.73	69.09	69.09	3.26	SI
2 Piso	P43	Top	1.244-Wy- Lcub	-6.01	0.61	0.84	1920	2657	1920	2657	294.00	294.00	91.76	91.76	69.11	69.11	-2.10	SI
2 Piso	P43	Bottom	1.244-Wy- Lcub	-10.13	0.61	0.84	1920	2658	1920	2658	294.00	294.00	91.80	91.80	69.14	69.14	3.26	SI
2 Piso	P43	Top	1.245-Ex+	-4.62	0.81	0.84	1920	2659	1920	2659	294.00	294.00	91.83	91.83	69.16	69.16	-1.81	SI
2 Piso	P43	Bottom	1.245-Ex+	-8.33	0.81	0.84	1920	2660	1920	2660	294.00	294.00	91.87	91.87	69.19	69.19	3.17	SI
2 Piso	P43	Top	1.245-Ex-	-4.75	0.81	0.84	1920	2661	1920	2661	294.00	294.00	91.90	91.90	69.21	69.21	-1.84	SI
2 Piso	P43	Bottom	1.245-Ex-	-8.81	0.81	0.84	1920	2662	1920	2662	294.00	294.00	91.94	91.94	69.24	69.24	3.17	SI
2 Piso	P43	Top	1.245-Ey+	-5.04	0.61	0.84	1920	2663	1920	2663	294.00	294.00	91.97	91.97	69.2[illegible]	69.27	-2.20	SI
2 Piso	P43	Bottom	1.245-Ey+	-9.93	0.81	0.84	1920	2664	1920	2664	294.00	294.00	92.01	92.01	69.29	69.29	3.08	SI
2 Piso	P43	Top	1.245-Ey-	-4.53	0.81	0.84	1920	2665	1920	2665	294.00	294.00	92.04	92.04	69.3[illegible]	69.32	-1.55	SI
2 Piso	P43	Bottom	1.245-Ey-	-8.81	0.81	0.84	1920	2666	1920	2666	294.00	294.00	92.07	92.07	69.34	69.34	2.65	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área ... (cm²)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	Mdf (ton-m)	Cumple
2 Piso	P43	Top	1.2D+1.6L+...	-4.43	0.61	0.84	1920	2667	1920	2667	284.00	284.00	92.18	92.11	69.31	69.37	-1.56	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-7.38	0.61	0.84	1920	2668	1920	2668	284.00	284.00	92.14	92.14	69.40	69.40	2.07	SI
2 Piso	P43	Top	1.2D+1.6L+...	-4.43	0.61	0.84	1920	2669	1920	2669	284.00	284.00	92.18	92.18	69.43	69.42	-1.54	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-7.38	0.61	0.84	1920	2670	1920	2670	284.00	284.00	92.24	92.21	69.48	69.45	2.07	SI
2 Piso	P43	Top	1.2D+1.6L+...	-4.43	0.61	0.84	1920	2671	1920	2671	284.00	284.00	92.25	92.25	69.49	69.47	-1.54	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-7.38	0.61	0.84	1920	2672	1920	2672	284.00	284.00	92.28	92.28	69.51	69.50	2.07	SI
2 Piso	P43	Top	1.2D+1.6L+...	-4.43	0.61	0.84	1920	2673	1920	2673	284.00	284.00	92.32	92.32	69.54	69.53	-1.54	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-7.38	0.61	0.84	1920	2674	1920	2674	284.00	284.00	92.35	92.35	69.56	69.56	2.07	SI
2 Piso	P43	Top	1.2D+1.6L+...	-3.61	0.61	0.84	1920	2675	1920	2675	284.00	284.00	92.39	92.39	69.59	69.58	-1.27	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-5.88	0.61	0.84	1920	2676	1920	2676	284.00	284.00	92.42	92.42	69.62	69.60	2.01	SI
2 Piso	P43	Top	1.2D+1.6L+...	-3.53	0.61	0.84	1920	2677	1920	2677	284.00	284.00	92.45	92.45	69.65	69.63	-1.30	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-7.47	0.61	0.84	1920	2678	1920	2678	284.00	284.00	92.49	92.49	69.69	69.66	2.01	SI
2 Piso	P43	Top	1.2D+1.6L+...	-3.83	0.61	0.84	1920	2679	1920	2679	284.00	284.00	92.52	92.52	69.69	69.68	-1.56	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-6.88	0.61	0.84	1920	2680	1920	2680	284.00	284.00	92.56	92.56	69.72	69.71	2.53	SI
2 Piso	P43	Top	1.2D+1.6L+...	-3.92	0.61	0.84	1920	2681	1920	2681	284.00	284.00	92.59	92.59	69.75	69.73	-1.00	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-6.46	0.61	0.84	1920	2682	1920	2682	284.00	284.00	92.63	92.63	69.78	69.76	1.49	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.87	0.61	0.84	1920	2683	1920	2683	284.00	284.00	92.66	92.66	69.79	69.78	-2.21	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-10.13	0.61	0.84	1920	2684	1920	2684	284.00	284.00	92.70	92.70	69.81	69.81	3.54	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.81	0.61	0.84	1920	2685	1920	2685	284.00	284.00	92.73	92.73	69.84	69.84	-2.88	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-12.06	0.61	0.84	1920	2686	1920	2686	284.00	284.00	92.77	92.77	69.86	69.86	2.86	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.81	0.61	0.84	1920	2687	1920	2687	284.00	284.00	92.80	92.80	69.89	69.89	-2.88	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-12.06	0.61	0.84	1920	2688	1920	2688	284.00	284.00	92.83	92.83	69.92	69.92	2.85	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.81	0.61	0.84	1920	2689	1920	2689	284.00	284.00	92.87	92.87	69.94	69.94	-2.86	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-12.06	0.61	0.84	1920	2690	1920	2690	284.00	284.00	92.90	92.90	69.97	69.97	2.85	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.81	0.61	0.84	1920	2691	1920	2691	284.00	284.00	92.94	92.94	69.99	69.99	-2.86	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-12.06	0.61	0.84	1920	2692	1920	2692	284.00	284.00	92.97	92.97	70.02	70.02	2.85	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.71	0.61	0.84	1920	2693	1920	2693	284.00	284.00	93.01	93.01	70.05	70.05	-2.40	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-10.70	0.61	0.84	1920	2694	1920	2694	284.00	284.00	93.04	93.04	70.07	70.07	3.31	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.71	0.61	0.84	1920	2695	1920	2695	284.00	284.00	93.08	93.08	70.10	70.10	-2.40	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-10.70	0.61	0.84	1920	2696	1920	2696	284.00	284.00	93.11	93.11	70.12	70.12	3.31	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.71	0.61	0.84	1920	2697	1920	2697	284.00	284.00	93.15	93.15	70.15	70.15	-2.40	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-10.70	0.61	0.84	1920	2698	1920	2698	284.00	284.00	93.18	93.18	70.18	70.18	3.31	SI
2 Piso	P43	Top	1.2D+1.6L+...	-5.71	0.61	0.84	1920	2699	1920	2699	284.00	284.00	93.21	93.21	70.20	70.20	-2.40	SI
2 Piso	P43	Bottom	1.2D+1.6L+...	-10.70	0.61	0.84	1920	2700	1920	2700	284.00	284.00	93.25	93.25	70.23	70.23	3.31	SI
2 Piso	P44	Top	1.2D+1.6L+...	-5.97	0.61	0.84	1920	2701	1920	2701	284.00	284.00	93.28	93.28	70.25	70.26	2.04	SI
2 Piso	P44	Bottom	1.2D+1.6L+...	-11.30	0.61	0.84	1920	2702	1920	2702	284.00	284.00	93.32	93.32	70.28	70.28	2.41	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.83	0.61	0.84	1920	2703	1920	2703	284.00	284.00	93.35	93.35	70.31	70.31	-2.08	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-10.58	0.61	0.84	1920	2704	1920	2704	284.00	284.00	93.39	93.38	70.33	70.33	2.71	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.81	0.61	0.84	1920	2705	1920	2705	284.00	284.00	93.42	93.42	70.36	70.36	-2.08	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-10.58	0.61	0.84	1920	2706	1920	2706	284.00	284.00	93.46	93.46	70.38	70.38	1.88	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.81	0.61	0.84	1920	2707	1920	2707	284.00	284.00	93.49	93.49	70.41	70.41	-2.08	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-10.58	0.61	0.84	1920	2708	1920	2708	284.00	284.00	93.53	93.53	70.44	70.44	1.88	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.81	0.61	0.84	1920	2709	1920	2709	284.00	284.00	93.56	93.56	70.46	70.46	-2.28	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-10.58	0.61	0.84	1920	2710	1920	2710	284.00	284.00	93.60	93.60	70.49	70.49	1.88	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.81	0.61	0.84	1920	2711	1920	2711	284.00	284.00	93.63	93.63	70.51	70.51	-2.28	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-10.58	0.61	0.84	1920	2712	1920	2712	284.00	284.00	93.66	93.66	70.54	70.54	1.88	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.48	0.61	0.84	1920	2713	1920	2713	284.00	284.00	93.70	93.70	70.57	70.57	-2.27	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-11.02	0.61	0.84	1920	2714	1920	2714	284.00	284.00	93.73	93.73	70.59	70.59	2.47	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.48	0.61	0.84	1920	2715	1920	2715	284.00	284.00	93.77	93.77	70.62	70.62	-2.27	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-11.02	0.61	0.84	1920	2716	1920	2716	284.00	284.00	93.80	93.80	70.64	70.64	2.47	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.48	0.61	0.84	1920	2717	1920	2717	284.00	284.00	93.84	93.84	70.67	70.67	-2.27	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-11.02	0.61	0.84	1920	2718	1920	2718	284.00	284.00	93.87	93.87	70.70	70.70	2.47	SI
2 Piso	P44	Top	1.2D+1.6L+Lo...	-5.48	0.61	0.84	1920	2719	1920	2719	284.00	284.00	93.90	93.90	70.72	70.72	-2.27	SI
2 Piso	P44	Bottom	1.2D+1.6L+Lo...	-11.02	0.61	0.84	1920	2720	1920	2720	284.00	284.00	93.94	93.94	70.75	70.75	2.47	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (m^2)	R_u	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	M12 (ton-m)	Cumple
2 Piso	P44	Top	1.245-Ex+	-5.28	0.61	0.84	1920	2721	1920	2721	294.00	294.00	83.97	83.97	70.77	70.77	-1.83	SI
2 Piso	P44	Bottom	1.245-Ex+	-10.19	0.61	0.84	1920	2722	1920	2722	294.00	294.00	84.01	84.01	70.80	70.80	2.40	SI
2 Piso	P44	Top	1.245-Ex-	-5.81	0.61	0.84	1920	2723	1920	2723	294.00	294.00	84.04	84.04	70.83	70.83	-1.84	SI
2 Piso	P44	Bottom	1.245-Ex-	-9.53	0.61	0.84	1920	2724	1920	2724	294.00	294.00	84.08	84.08	70.86	70.86	2.35	SI
2 Piso	P44	Top	1.245-Ey+	-5.24	0.61	0.84	1920	2725	1920	2725	294.00	294.00	84.11	84.11	70.88	70.88	-2.28	SI
2 Piso	P44	Bottom	1.245-Ey+	-10.13	0.61	0.84	1920	2726	1920	2726	294.00	294.00	84.15	84.15	70.90	70.90	2.80	SI
2 Piso	P44	Top	1.245-Ey-	-5.05	0.61	0.84	1920	2727	1920	2727	294.00	294.00	84.18	84.18	70.93	70.93	-1.60	SI
2 Piso	P44	Bottom	1.245-Ey-	9.82	0.61	0.84	1920	2728	1920	2728	294.00	294.00	84.22	84.22	70.96	70.96	1.98	SI
2 Piso	P44	Top	1.246-Wx+	-4.73	0.61	0.84	1920	2729	1920	2729	294.00	294.00	84.25	84.25	70.98	70.98	-1.58	SI
2 Piso	P44	Bottom	1.246-Wx+	-7.96	0.61	0.84	1920	2730	1920	2730	294.00	294.00	84.28	84.28	71.01	71.01	1.47	SI
2 Piso	P44	Top	1.246-Wx-	-4.73	0.61	0.84	1920	2731	1920	2731	294.00	294.00	84.32	84.32	71.03	71.03	-1.58	SI
2 Piso	P44	Bottom	1.246-Wx-	-7.96	0.61	0.84	1920	2732	1920	2732	294.00	294.00	84.35	84.35	71.06	71.06	1.47	SI
2 Piso	P44	Top	1.246-Wy+	-4.73	0.61	0.84	1920	2733	1920	2733	294.00	294.00	84.39	84.39	71.09	71.09	-1.58	SI
2 Piso	P44	Bottom	1.246-Wy+	-7.96	0.61	0.84	1920	2734	1920	2734	294.00	294.00	84.42	84.42	71.11	71.11	1.47	SI
2 Piso	P44	Top	1.246-Wy-	-4.73	0.61	0.84	1920	2735	1920	2735	294.00	294.00	84.46	84.46	71.14	71.14	-1.58	SI
2 Piso	P44	Bottom	1.246-Wy-	-7.96	0.61	0.84	1920	2736	1920	2736	294.00	294.00	84.49	84.49	71.16	71.16	1.47	SI
2 Piso	P44	Top	1.247-Ex+	-3.90	0.61	0.84	1920	2737	1920	2737	294.00	294.00	84.53	84.53	71.19	71.19	-1.36	SI
2 Piso	P44	Bottom	1.247-Ex+	-7.37	0.61	0.84	1920	2735	1920	2735	294.00	294.00	84.56	84.56	71.22	71.22	1.40	SI
2 Piso	P44	Top	1.247-Ey-	-3.75	0.61	0.84	1920	2739	1920	2738	294.00	294.00	84.60	84.60	71.24	71.24	-1.27	SI
2 Piso	P44	Bottom	1.247-Ey-	-7.15	0.61	0.84	1920	2740	1920	2740	294.00	294.00	84.63	84.63	71.27	71.27	1.41	SI
2 Piso	P44	Top	1.247-Ex+	-3.93	0.61	0.84	1920	2741	1920	2741	294.00	294.00	84.66	84.66	71.29	71.29	-1.70	SI
2 Piso	P44	Bottom	1.247-Ex+	-7.36	0.61	0.84	1920	2742	1920	2742	294.00	294.00	84.70	84.70	71.32	71.32	1.92	SI
2 Piso	P44	Top	1.247-Ex-	-3.69	0.61	0.84	1920	2743	1920	2743	294.00	294.00	84.73	84.73	71.35	71.35	-0.82	SI
2 Piso	P44	Bottom	1.247-Ex-	-7.15	0.61	0.84	1920	2744	1920	2744	294.00	294.00	84.77	84.77	71.37	71.37	0.91	SI
2 Piso	P44	Top	1.248 G	-8.36	0.61	0.84	1920	2746	1920	2746	294.00	294.00	84.80	84.80	71.40	71.40	-2.30	SI
2 Piso	P44	Bottom	1.248 G	-11.10	0.61	0.84	1920	2748	1920	2746	294.00	294.00	84.84	84.84	71.43	71.42	2.75	SI
2 Piso	P44	Top	1.243-Wx- G	-9.14	0.61	0.84	1920	2747	1920	2747	294.00	294.00	84.87	84.87	71.45	71.45	-2.05	SI
2 Piso	P44	Bottom	1.243-Wx- G	-12.78	0.61	0.84	1920	2748	1920	2748	294.00	294.00	84.91	84.91	71.48	71.48	2.13	SI
2 Piso	P44	Top	1.243-Wy- G	-9.14	0.61	0.84	1920	2748	1920	2748	294.00	294.00	84.94	84.94	71.50	71.50	-2.05	SI
2 Piso	P44	Bottom	1.243-Wy- G	-12.78	0.61	0.84	1920	2750	1920	2750	294.00	294.00	84.98	84.98	71.53	71.53	2.13	SI
2 Piso	P44	Top	1.243-Wx+ G	-9.14	0.61	0.84	1920	2751	1920	2751	294.00	294.00	85.01	85.01	71.55	71.55	-2.05	SI
2 Piso	P44	Bottom	1.243-Wx+ G	-12.78	0.61	0.84	1920	2752	1920	2752	294.00	294.00	85.04	85.04	71.58	71.58	2.13	SI
2 Piso	P44	Top	1.243-Wy+ G	-9.14	0.61	0.84	1920	2753	1920	2753	294.00	294.00	85.08	85.08	71.61	71.61	-2.05	SI
2 Piso	P44	Bottom	1.243-Wy+ G	-12.78	0.61	0.84	1920	2754	1920	2754	294.00	294.00	85.11	85.11	71.63	71.63	2.13	SI
2 Piso	P44	Top	1.244-Wx- G	-7.21	0.61	0.84	1920	2755	1920	2755	294.00	294.00	85.15	85.15	71.66	71.66	-2.49	SI
2 Piso	P44	Bottom	1.244-Wx- G	-11.58	0.61	0.84	1920	2756	1920	2756	294.00	294.00	85.18	85.18	71.68	71.68	2.51	SI
2 Piso	P44	Top	1.244-Wx+ G	-7.21	0.61	0.84	1920	2757	1920	2757	294.00	294.00	85.22	85.22	71.71	71.71	-2.49	SI
2 Piso	P44	Bottom	1.244-Wx+ G	-11.58	0.61	0.84	1920	2758	1920	2758	294.00	294.00	85.25	85.25	71.74	71.74	2.51	SI
2 Piso	P44	Top	1.244-Wy- G	-7.21	0.61	0.84	1920	2759	1920	2759	294.00	294.00	85.29	85.29	71.76	71.76	-2.49	SI
2 Piso	P44	Bottom	1.244-Wy- G	-11.58	0.61	0.84	1920	2760	1920	2760	294.00	294.00	85.32	85.32	71.79	71.79	2.51	SI
2 Piso	P44	Top	1.244-Wy+ G	-7.21	0.61	0.84	1920	2761	1920	2761	294.00	294.00	85.36	85.36	71.81	71.81	-2.49	SI
2 Piso	P44	Bottom	1.244-Wy+ G	-11.58	0.61	0.84	1920	2762	1920	2762	294.00	294.00	85.39	85.39	71.84	71.84	2.51	SI
2 Piso	P45	Top	1.241	-4.62	0.56	0.84	1920	2763	1920	2763	294.00	294.00	85.42	85.42	71.87	71.87	-1.77	SI
2 Piso	P45	Bottom	1.241	-9.77	0.56	0.84	1920	2764	1920	2764	294.00	294.00	85.46	85.46	71.89	71.89	3.99	SI
2 Piso	P45	Top	1.242 Locub	-4.36	0.56	0.84	1920	2765	1920	2765	294.00	294.00	85.49	85.49	71.92	71.92	-1.60	SI
2 Piso	P45	Bottom	1.242 Locub	-8.93	0.56	0.84	1920	2766	1920	2766	294.00	294.00	85.53	85.53	71.94	71.94	4.86	SI
2 Piso	P45	Top	1.243-Wx+ Locub	-5.29	0.56	0.84	1920	2767	1920	2767	294.00	294.00	85.56	85.56	71.97	71.97	-1.98	SI
2 Piso	P45	Bottom	1.243-Wx+ Locub	8.54	0.56	0.84	1920	2768	1920	2768	294.00	294.00	85.60	85.60	72.00	72.00	3.57	SI
2 Piso	P45	Top	1.243-Wx- Locub	-5.29	0.56	0.84	1920	2768	1920	2769	294.00	294.00	85.63	85.63	72.02	72.02	-1.98	SI
2 Piso	P45	Bottom	1.243-Wx- Locub	-8.08	0.56	0.84	1920	2770	1920	2770	294.00	294.00	85.67	85.67	72.05	72.05	3.57	SI
2 Piso	P45	Top	1.243-Wy+ Locub	-5.29	0.56	0.84	1920	2771	1920	2771	294.00	294.00	85.70	85.70	72.07	72.07	-1.98	SI
2 Piso	P45	Bottom	1.243-Wy+ Locub	-8.08	0.56	0.84	1920	2772	1920	2772	294.00	294.00	85.74	85.74	72.10	72.10	3.57	SI
2 Piso	P45	Top	1.243-Wy- Locub	-5.29	0.56	0.84	1920	2773	1920	2773	294.00	294.00	85.77	85.77	72.13	72.13	-1.80	SI
2 Piso	P45	Bottom	1.243-Wy- Locub	-8.08	0.56	0.84	1920	2774	1920	2774	294.00	294.00	85.80	85.80	72.15	72.15	3.57	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (m²)	R_n	As ext (cm²)	fy ext (Kg/cm²)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P45	Top	B244-Wx+ Lcub	5.09	0.56	0.94	1920	2775	1920	2775	294.00	294.00	95.84	95.84	72.11	72.18	-1.98	SI
2 Piso	P45	Bottom	B244-Wx+ Lcub	9.50	0.56	0.94	1920	2776	1920	2776	294.00	294.00	95.87	95.87	72.20	72.20	4.41	SI
2 Piso	P45	Top	B244-Wx- Lcub	-5.02	0.56	0.94	1920	2777	1920	2777	294.00	294.00	95.91	95.91	72.23	72.23	-1.96	SI
2 Piso	P45	Bottom	B244-Wx- Lcub	9.50	0.56	0.94	1920	2778	1920	2778	294.00	294.00	95.84	95.84	72.20	72.20	4.41	SI
2 Piso	P45	Top	B244-Wy+ Lcub	-5.02	0.56	0.94	1920	2779	1920	2779	294.00	294.00	95.88	95.88	72.24	72.24	-1.96	SI
2 Piso	P45	Bottom	B244-Wy+ Lcub	9.50	0.56	0.94	1920	2780	1920	2780	294.00	294.00	95.01	95.01	72.2	72.31	4.41	SI
2 Piso	P45	Top	B244-Wy- Lcub	-5.03	0.56	0.94	1920	2781	1920	2781	294.00	294.00	95.05	95.05	72.33	72.33	-1.96	SI
2 Piso	P45	Bottom	B244-Wy- Lcub	9.50	0.56	0.94	1920	2782	1920	2782	294.00	294.00	95.08	95.08	72.36	72.36	4.41	SI
2 Piso	P45	Top	B245-Ex+	4.26	0.56	0.94	1920	2783	1920	2783	294.00	294.00	95.12	95.12	72.38	72.39	-1.81	SI
2 Piso	P45	Bottom	B245-Ex+	9.05	0.56	0.84	1920	2784	1920	2784	294.00	294.00	95.15	95.15	72.41	72.41	4.25	SI
2 Piso	P45	Top	B245-Ex-	-3.74	0.56	0.94	1920	2785	1920	2785	294.00	294.00	95.18	95.18	72.44	72.44	-1.84	SI
2 Piso	P45	Bottom	B245-Ex-	8.38	0.56	0.94	1920	2786	1920	2786	294.00	294.00	95.22	95.22	72.46	72.46	4.34	SI
2 Piso	P45	Top	B245-Ey+	-4.46	0.56	0.94	1920	2787	1920	2787	294.00	294.00	95.25	95.25	72.49	72.49	-2.09	SI
2 Piso	P45	Bottom	B245-Ey+	8.12	0.56	0.84	1920	2788	1920	2788	294.00	294.00	95.29	95.29	72.52	72.52	4.70	SI
2 Piso	P45	Top	B245-Ey-	3.57	0.56	0.84	1920	2789	1920	2789	294.00	294.00	95.32	95.32	72.54	72.54	-1.16	SI
2 Piso	P45	Bottom	B245-Ey-	-7.87	0.56	0.84	1920	2790	1920	2790	294.00	294.00	95.36	95.36	72.57	72.57	3.80	SI
2 Piso	P45	Top	B246-Wx+	3.87	0.56	0.87	1920	2791	1920	2791	294.00	294.00	95.39	95.39	72.59	72.59	-1.38	SI
2 Piso	P45	Bottom	B246-Wx+	8.85	0.56	0.94	1920	2792	1920	2792	294.00	294.00	95.43	95.43	72.62	72.62	2.84	SI
2 Piso	P45	Top	B246-Wx-	-3.67	0.56	0.94	1920	2793	1920	2793	294.00	294.00	95.46	95.46	72.65	72.65	-1.38	SI
2 Piso	P45	Bottom	B246-Wx-	-8.85	0.56	0.84	1920	2794	1920	2794	294.00	294.00	95.50	95.50	72.67	72.67	2.84	SI
2 Piso	P45	Top	B246-Wy+	3.87	0.56	0.94	1920	2795	1920	2795	294.00	294.00	95.53	95.53	72.70	72.70	-1.38	SI
2 Piso	P45	Bottom	B246-Wy+	8.85	0.56	0.94	1920	2796	1920	2796	294.00	294.00	95.56	95.56	72.72	72.72	2.84	SI
2 Piso	P45	Top	B246-Wy-	-3.87	0.56	0.94	1920	2797	1920	2797	294.00	294.00	95.60	95.60	72.75	72.75	-1.38	SI
2 Piso	P45	Bottom	B246-Wy-	-8.85	0.56	0.84	1920	2798	1920	2798	294.00	294.00	95.63	95.63	72.78	72.78	2.84	SI
2 Piso	P45	Top	B247-Ex+	3.21	0.56	0.94	1920	2799	1920	2799	294.00	294.00	95.67	95.67	72.80	72.80	1.12	SI
2 Piso	P45	Bottom	B247-Ex+	4.79	0.56	0.94	1920	2800	1920	2800	294.00	294.00	95.70	95.70	72.83	72.83	2.52	SI
2 Piso	P45	Top	B247-Ex-	2.73	0.56	0.84	1920	2801	1920	2801	294.00	294.00	95.74	95.74	72.85	72.85	-1.15	SI
2 Piso	P45	Bottom	B247-Ex-	5.76	0.56	0.94	1920	2802	1920	2802	294.00	294.00	95.77	95.77	72.88	72.88	2.61	SI
2 Piso	P45	Top	B247-Ey+	3.42	0.56	0.94	1920	2803	1920	2803	294.00	294.00	95.81	95.81	72.91	72.91	-1.80	SI
2 Piso	P45	Bottom	B247-Ey+	4.58	0.56	0.94	1920	2804	1920	2804	294.00	294.00	95.84	95.84	72.93	72.93	3.06	SI
2 Piso	P45	Top	B247-Ey-	2.53	0.56	0.84	1920	2805	1920	2805	294.00	294.00	95.88	95.88	72.96	72.96	-0.89	SI
2 Piso	P45	Bottom	B247-Ey-	5.70	0.56	0.84	1920	2806	1920	2806	294.00	294.00	95.91	95.91	72.98	72.98	2.07	SI
2 Piso	P45	Top	B242 G	-4.89	0.56	0.84	1920	2807	1920	2807	294.00	294.00	95.94	95.94	73.01	73.01	-2.00	SI
2 Piso	P45	Bottom	B242 G	8.47	0.56	0.84	1920	2808	1920	2808	294.00	294.00	95.98	95.98	73.04	73.04	4.82	SI
2 Piso	P45	Top	B243-Wx- G	-7.12	0.56	0.84	1920	2809	1920	2809	294.00	294.00	97.01	97.01	73.06	73.06	-2.62	SI
2 Piso	P45	Bottom	B243-Wx- G	-11.36	0.56	0.84	1920	2810	1920	2810	294.00	294.00	97.05	97.05	73.09	73.09	3.78	SI
2 Piso	P45	Top	B243-Wy- G	-7.12	0.56	0.84	1920	2811	1920	2811	294.00	294.00	97.08	97.08	73.11	73.12	-2.62	SI
2 Piso	P45	Bottom	B243-Wy- G	-11.36	0.56	0.84	1920	2812	1920	2812	294.00	294.00	97.12	97.12	73.14	73.14	3.78	SI
2 Piso	P45	Top	B243-Wx+ G	-7.12	0.56	0.84	1920	2813	1920	2813	294.00	294.00	97.15	97.15	73.17	73.17	-2.62	SI
2 Piso	P45	Bottom	B243-Wx+ G	-11.36	0.56	0.84	1920	2814	1920	2814	294.00	294.00	97.19	97.19	73.19	73.19	3.78	SI
2 Piso	P45	Top	B243-Wy+ G	-7.12	0.56	0.94	1920	2815	1920	2815	294.00	294.00	97.22	97.22	73.22	73.22	-2.62	SI
2 Piso	P45	Bottom	B243-Wy+ G	-11.36	0.56	0.94	1920	2816	1920	2816	294.00	294.00	97.25	97.25	73.25	73.25	3.78	SI
2 Piso	P45	Top	B244-Wx- G	-5.60	0.56	0.94	1920	2817	1920	2817	294.00	294.00	97.29	97.29	73.27	73.27	-2.18	SI
2 Piso	P45	Bottom	B244-Wx- G	-10.04	0.56	0.87	1920	2818	1920	2818	294.00	294.00	97.32	97.32	73.30	73.30	4.46	SI
2 Piso	P45	Top	B244-Wx+ G	-5.60	0.56	0.94	1920	2819	1920	2819	294.00	294.00	97.36	97.36	73.32	73.32	-2.18	SI
2 Piso	P45	Bottom	B244-Wx+ G	-10.04	0.56	0.94	1920	2820	1920	2820	294.00	294.00	97.39	97.39	73.35	73.35	4.46	SI
2 Piso	P45	Top	B244-Wy- G	-5.60	0.56	0.94	1920	2821	1920	2821	294.00	294.00	97.43	97.43	73.38	73.38	-2.18	SI
2 Piso	P45	Bottom	B244-Wy- G	-10.04	0.56	0.94	1920	2822	1920	2822	294.00	294.00	97.46	97.46	73.40	73.40	4.46	SI
2 Piso	P45	Top	B244-Wy+ G	-5.60	0.56	0.94	1920	2823	1920	2823	294.00	294.00	97.50	97.50	73.43	73.43	-2.18	SI
2 Piso	P45	Bottom	B244-Wy+ G	-10.04	0.56	0.84	1920	2824	1920	2824	294.00	294.00	97.53	97.53	73.45	73.45	4.46	SI
2 Piso	P45	Top	B241	-0.74	0.34	0.84	1920	2825	1920	2825	294.00	294.00	97.57	97.57	73.48	73.48	0.01	SI
2 Piso	P45	Bottom	B241	-4.65	0.34	0.84	1920	2826	1920	2826	294.00	294.00	97.60	97.60	73.51	73.51	1.85	SI
2 Piso	P45	Top	B242 Lcub	-0.62	0.34	0.84	1920	2827	1920	2827	294.00	294.00	97.63	97.63	73.53	73.53	0.05	SI
2 Piso	P45	Bottom	B242 Lcub	-3.80	0.34	0.84	1920	2828	1920	2828	294.00	294.00	97.67	97.67	73.56	73.56	2.32	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	ρ	As ext (cm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	s ext (mm)	s int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	Mu (ton-m)	Cumple
2 Piso	P25	Top	1240-W+	-4.11	0.10	0.84	1920	1533	1920	1533	284.00	284.00	52.94	52.94	39.87	39.87	0.10	SI
2 Piso	P25	Bottom	1240-W+	-5.30	0.10	0.84	1920	1534	1920	1534	284.00	284.00	52.98	52.98	39.90	39.90	-0.46	SI
2 Piso	P25	Top	1244-W+	-3.81	0.10	0.84	1920	1535	1920	1535	284.00	284.00	53.01	53.01	39.91	39.91	0.47	SI
2 Piso	P25	Bottom	1244-W+	-4.92	0.10	0.84	1920	1536	1920	1536	284.00	284.00	53.05	53.05	39.94	39.94	-2.31	SI
2 Piso	P25	Top	1244-W+	-3.81	0.10	0.84	1920	1537	1920	1537	284.00	284.00	53.08	53.08	39.96	39.96	0.47	SI
2 Piso	P25	Bottom	1244-W+	-4.92	0.10	0.84	1920	1538	1920	1538	284.00	284.00	53.12	53.12	40.00	40.00	-2.31	SI
2 Piso	P25	Top	1244-W+	-3.81	0.10	0.84	1920	1539	1920	1539	284.00	284.00	53.15	53.15	40.03	40.03	0.47	SI
2 Piso	P25	Bottom	1244-W+	-4.92	0.10	0.84	1920	1540	1920	1540	284.00	284.00	53.19	53.19	40.06	40.06	-2.31	SI
2 Piso	P25	Top	1244-W+	-3.81	0.10	0.84	1920	1541	1920	1541	284.00	284.00	53.22	53.22	40.08	40.08	0.47	SI
2 Piso	P25	Bottom	1244-W+	-4.92	0.10	0.84	1920	1542	1920	1542	284.00	284.00	53.26	53.26	40.11	40.11	-2.31	SI
2 Piso	P25	Top	1245 E+	-2.76	0.10	0.84	1920	1543	1920	1543	284.00	284.00	53.29	53.29	40.13	40.13	0.14	SI
2 Piso	P25	Bottom	1245 E+	-3.84	0.10	0.84	1920	1544	1920	1544	284.00	284.00	53.32	53.32	40.16	40.16	-1.14	SI
2 Piso	P25	Top	8245 E+	-3.00	0.10	0.84	1920	1545	1920	1545	284.00	284.00	53.36	53.36	40.19	40.19	0.12	SI
2 Piso	P25	Bottom	8245 E+	-4.76	0.10	0.84	1920	1546	1920	1546	284.00	284.00	53.39	53.39	40.21	40.21	-2.50	SI
2 Piso	P25	Top	8245 E+	-2.48	0.10	0.84	1920	1547	1920	1547	284.00	284.00	53.43	53.43	40.24	40.24	0.13	SI
2 Piso	P25	Bottom	8245 E+	-3.10	0.10	0.84	1920	1548	1920	1548	284.00	284.00	53.46	53.46	40.26	40.26	-2.10	SI
2 Piso	P25	Top	8245 E+	-3.30	0.10	0.84	1920	1549	1920	1549	284.00	284.00	53.50	53.50	40.29	40.29	0.12	SI
2 Piso	P25	Bottom	8245 E+	-5.50	0.10	0.84	1920	1550	1920	1550	284.00	284.00	53.53	53.53	40.32	40.32	-2.59	SI
2 Piso	P25	Top	1246 W+	-2.81	0.10	0.84	1920	1551	1920	1551	284.00	284.00	53.57	53.57	40.34	40.34	0.17	SI
2 Piso	P25	Bottom	1246 W+	-3.79	0.10	0.84	1920	1552	1920	1552	284.00	284.00	53.60	53.60	40.37	40.37	-1.45	SI
2 Piso	P25	Top	1246 W+	-2.81	0.10	0.84	1920	1553	1920	1553	284.00	284.00	53.64	53.64	40.39	40.39	0.17	SI
2 Piso	P25	Bottom	1246 W+	-3.79	0.10	0.84	1920	1554	1920	1554	284.00	284.00	53.67	53.67	40.42	40.42	-1.45	SI
2 Piso	P25	Top	1246 W+	-2.81	0.10	0.84	1920	1555	1920	1555	284.00	284.00	53.70	53.70	40.45	40.45	0.17	SI
2 Piso	P25	Bottom	1246 W+	-3.79	0.10	0.84	1920	1556	1920	1556	284.00	284.00	53.74	53.74	40.47	40.47	-1.45	SI
2 Piso	P25	Top	1246 W+	-2.81	0.10	0.84	1920	1557	1920	1557	284.00	284.00	53.77	53.77	40.50	40.50	0.17	SI
2 Piso	P25	Bottom	1246 W+	-3.79	0.10	0.84	1920	1558	1920	1558	284.00	284.00	53.81	53.81	40.53	40.53	-1.45	SI
2 Piso	P25	Top	8247 E+	-2.05	0.10	0.84	1920	1559	1920	1559	284.00	284.00	53.84	53.84	40.55	40.55	0.17	SI
2 Piso	P25	Bottom	8247 E+	-2.80	0.10	0.84	1920	1560	1920	1560	284.00	284.00	53.88	53.88	40.58	40.58	-1.39	SI
2 Piso	P25	Top	8247 E+	-2.28	0.10	0.84	1920	1561	1920	1561	284.00	284.00	53.91	53.91	40.60	40.60	0.19	SI
2 Piso	P25	Bottom	8247 E+	-2.83	0.10	0.84	1920	1562	1920	1562	284.00	284.00	53.95	53.95	40.63	40.63	-1.31	SI
2 Piso	P25	Top	1247 E+	-1.76	0.10	0.84	1920	1563	1920	1563	284.00	284.00	53.98	53.98	40.65	40.65	0.17	SI
2 Piso	P25	Bottom	8247 E+	-2.17	0.10	0.84	1920	1564	1920	1564	284.00	284.00	54.02	54.02	40.66	40.66	-1.15	SI
2 Piso	P25	Top	8247 E+	-2.57	0.10	0.84	1920	1565	1920	1565	284.00	284.00	54.05	54.05	40.71	40.71	0.16	SI
2 Piso	P25	Bottom	8247 E+	-4.57	0.10	0.84	1920	1566	1920	1566	284.00	284.00	54.08	54.08	40.73	40.73	-1.55	SI
2 Piso	P25	Top	824! C	-3.70	0.10	0.84	1920	1567	1920	1567	284.00	284.00	54.12	54.12	40.76	40.76	0.15	SI
2 Piso	P25	Bottom	824! C	-4.72	0.10	0.84	1920	1568	1920	1568	284.00	284.00	54.15	54.15	40.78	40.78	-2.14	SI
2 Piso	P25	Top	B243-W+ G	-5.76	0.10	0.84	1920	1569	1920	1569	284.00	284.00	54.19	54.19	40.81	40.81	0.15	SI
2 Piso	P25	Bottom	B243-W+ G	-8.42	0.10	0.84	1920	1570	1920	1570	284.00	284.00	54.22	54.22	40.84	40.84	-3.39	SI
2 Piso	P25	Top	B243-W+ G	-5.76	0.10	0.84	1920	1571	1920	1571	284.00	284.00	54.26	54.26	40.86	40.86	0.26	SI
2 Piso	P25	Bottom	B243-W+ G	-8.42	0.10	0.84	1920	1572	1920	1572	284.00	284.00	54.29	54.29	40.89	40.89	-3.39	SI
2 Piso	P25	Top	B243-W+ G	-5.76	0.10	0.84	1920	1573	1920	1573	284.00	284.00	54.33	54.33	40.91	40.91	0.26	SI
2 Piso	P25	Bottom	B243-W+ G	-8.42	0.10	0.84	1920	1574	1920	1574	284.00	284.00	54.36	54.36	40.94	40.94	-3.39	SI
2 Piso	P25	Top	B243-W+ G	-5.76	0.10	0.84	1920	1575	1920	1575	284.00	284.00	54.40	54.40	40.97	40.97	0.26	SI
2 Piso	P25	Bottom	B243-W+ G	-8.42	0.10	0.84	1920	1576	1920	1576	284.00	284.00	54.43	54.43	40.99	40.99	-3.39	SI
2 Piso	P25	Top	B244-W+ G	-4.39	0.10	0.84	1920	1577	1920	1577	284.00	284.00	54.46	54.46	41.02	41.02	0.12	SI
2 Piso	P25	Bottom	B244-W+ G	-6.27	0.10	0.84	1920	1578	1920	1578	284.00	284.00	54.50	54.50	41.04	41.04	-2.52	SI
2 Piso	P25	Top	B244-W+ G	-4.39	0.10	0.84	1920	1579	1920	1579	284.00	284.00	54.53	54.53	41.07	41.07	0.12	SI
2 Piso	P25	Bottom	B244-W+ G	-6.27	0.10	0.84	1920	1580	1920	1580	284.00	284.00	54.57	54.57	41.10	41.10	-2.52	SI
2 Piso	P25	Top	B244-W+ G	-4.39	0.10	0.84	1920	1581	1920	1581	284.00	284.00	54.60	54.60	41.12	41.12	0.12	SI
2 Piso	P25	Bottom	B244-W+ G	-6.27	0.10	0.84	1920	1582	1920	1582	284.00	284.00	54.64	54.64	41.15	41.15	-2.52	SI
2 Piso	P25	Top	B244-W+ G	-4.39	0.10	0.84	1920	1583	1920	1583	284.00	284.00	54.67	54.67	41.17	41.17	0.12	SI
2 Piso	P25	Bottom	B244-W+ G	-6.27	0.10	0.84	1920	1584	1920	1584	284.00	284.00	54.71	54.71	41.20	41.20	-2.52	SI
2 Piso	P25	Top	B2 I+	-3.10	0.10	0.84	1920	1585	1920	1585	284.00	284.00	54.74	54.74	41.22	41.23	0.45	SI
2 Piso	P25	Bottom	B2 I+	-3.85	0.10	0.84	1920	1586	1920	1586	284.00	284.00	54.77	54.77	41.25	41.25	-2.50	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (mm²)	k_c	As req (mm²)	fy ext (Mpa)	As mín (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MUI (ton-m)	Cumple
2 Piso	P26	Top	1.2+0.5L+E	-2.92	0.15	0.84	1920	587	1920	1587	204.00	204.00	54.81	54.81	41.26	41.26	0.12	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.04	0.15	0.84	1920	582	1920	1582	204.00	204.00	54.84	54.84	41.30	41.30	-3.56	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.64	0.15	0.84	1920	585	1920	1585	204.00	204.00	54.86	54.86	41.35	41.35	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.92	0.15	0.84	1920	585	1920	1590	204.00	204.00	54.91	54.91	41.34	41.36	-2.54	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.64	0.15	0.84	1920	591	1920	1591	204.00	204.00	54.95	54.95	41.38	41.38	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.92	0.15	0.84	1920	592	1920	1592	204.00	204.00	54.98	54.98	41.41	41.41	-2.54	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.64	0.15	0.84	1920	581	1920	1580	204.00	204.00	55.02	55.02	41.43	41.43	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.92	0.15	0.84	1920	584	1920	1584	204.00	204.00	55.05	55.05	41.46	41.46	-2.54	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.64	0.15	0.84	1920	585	1920	1585	204.00	204.00	55.08	55.09	41.48	41.48	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.92	0.15	0.84	1920	586	1920	1586	204.00	204.00	55.12	55.12	41.51	41.51	-2.54	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.43	0.15	0.84	1920	507	1920	1507	204.00	204.00	55.15	55.15	41.54	41.54	0.16	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.52	0.15	0.84	1920	588	1920	1588	204.00	204.00	55.19	55.19	41.56	41.56	-3.35	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.43	0.15	0.84	1920	509	1920	1509	204.00	204.00	55.22	55.22	41.59	41.58	0.16	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.52	0.15	0.84	1920	1600	1920	1600	204.00	204.00	55.26	55.26	41.62	41.62	-3.35	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.43	0.15	0.84	1920	1601	1920	1601	204.00	204.00	55.29	55.29	41.64	41.64	0.16	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.52	0.15	0.84	1920	1602	1920	1602	204.00	204.00	55.33	55.33	41.67	41.67	-3.35	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.43	0.15	0.84	1920	1603	1920	1603	204.00	204.00	55.36	55.36	41.69	41.69	0.16	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.52	0.15	0.84	1920	1604	1920	1604	204.00	204.00	55.40	55.40	41.72	41.72	-3.35	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.71	0.15	0.84	1920	1605	1920	1605	204.00	204.00	55.43	55.43	41.74	41.75	0.17	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-0.43	0.15	0.84	1920	1606	1920	1606	204.00	204.00	55.47	55.47	41.77	41.77	-3.44	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.85	0.15	0.84	1920	1607	1920	1607	204.00	204.00	55.50	55.50	41.80	41.80	0.14	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-5.67	0.15	0.84	1920	1608	1920	1608	204.00	204.00	55.53	55.53	41.81	41.82	-3.25	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.15	0.15	0.84	1920	1609	1920	1609	204.00	204.00	55.57	55.57	41.85	41.85	0.16	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-5.03	0.15	0.84	1920	1610	1920	1610	204.00	204.00	55.60	55.60	41.86	41.88	-3.10	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.20	0.15	0.84	1920	1611	1920	1611	204.00	204.00	55.64	55.64	41.90	41.90	0.15	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-5.07	0.15	0.84	1920	1612	1920	1612	204.00	204.00	55.67	55.67	41.93	41.93	-3.10	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.51	0.15	0.84	1920	1613	1920	1613	204.00	204.00	55.71	55.71	41.96	41.95	0.10	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-2.80	0.15	0.84	1920	1614	1920	1614	204.00	204.00	55.74	55.74	41.98	41.98	-2.13	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.51	0.15	0.84	1920	1615	1920	1615	204.00	204.00	55.78	55.78	42.01	42.01	0.10	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-2.80	0.15	0.84	1920	1616	1920	1616	204.00	204.00	55.81	55.81	42.03	42.03	-2.13	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.51	0.15	0.84	1920	1617	1920	1617	204.00	204.00	55.85	55.85	42.06	42.06	0.10	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-2.80	0.15	0.84	1920	1618	1920	1618	204.00	204.00	55.88	55.88	42.08	42.08	-2.13	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.51	0.15	0.84	1920	1619	1920	1619	204.00	204.00	55.91	55.91	42.11	42.11	0.10	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-2.80	0.15	0.84	1920	1620	1920	1620	204.00	204.00	55.95	55.95	42.14	42.14	-2.13	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.92	0.15	0.84	1920	1621	1920	1621	204.00	204.00	55.98	55.98	42.16	42.16	0.19	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.14	0.15	0.84	1920	1622	1920	1622	204.00	204.00	56.02	56.02	42.19	42.19	-2.22	SI
2 Piso	P26	Top	1.2+0.5L+E	-1.96	0.15	0.84	1920	1623	1920	1623	204.00	204.00	56.05	56.05	42.21	42.21	0.09	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-5.10	0.15	0.84	1920	1624	1920	1624	204.00	204.00	56.05	56.09	42.24	42.24	-2.50	SI
2 Piso	P26	Top	1.2+0.5L+E	-1.46	0.15	0.84	1920	1625	1920	1625	204.00	204.00	56.12	56.12	42.27	42.27	0.02	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-0.46	0.15	0.84	1920	1626	1920	1626	204.00	204.00	56.15	56.16	42.29	42.29	-1.97	SI
2 Piso	P26	Top	1.2+0.5L+E	-2.92	0.15	0.84	1920	1627	1920	1627	204.00	204.00	56.19	56.19	42.32	42.32	0.10	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-4.50	0.15	0.84	1920	1628	1920	1628	204.00	204.00	56.23	56.23	42.34	42.34	-2.28	SI
2 Piso	P26	Top	1.2+0.5L+E	-3.35	0.15	0.84	1920	1629	1920	1629	204.00	204.00	56.26	56.26	42.37	42.37	0.15	SI
2 Piso	P26	Bottom	1.2+0.5L+E	-3.30	0.15	0.84	1920	1630	1920	1630	204.00	204.00	56.29	56.29	42.40	42.40	-3.58	SI
2 Piso	P26	Top	1.2+0.5L+W+G	-5.00	0.15	0.84	1920	1631	1920	1631	204.00	204.00	56.33	56.33	42.42	42.42	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+W+G	-4.77	0.15	0.84	1920	1632	1920	1632	204.00	204.00	56.36	56.36	42.45	42.46	-2.36	SI
2 Piso	P26	Top	1.2+0.5L+W+G	-5.00	0.15	0.84	1920	1633	1920	1633	204.00	204.00	56.40	56.40	42.47	42.47	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+W+G	-4.77	0.15	0.84	1920	1634	1920	1634	204.00	204.00	56.43	56.43	42.50	42.50	-2.36	SI
2 Piso	P26	Top	1.2+0.5L+W+G	-5.00	0.15	0.84	1920	1635	1920	1635	204.00	204.00	56.47	56.47	42.53	42.53	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+W+G	-4.77	0.15	0.84	1920	1636	1920	1636	204.00	204.00	56.50	56.50	42.55	42.56	-2.36	SI
2 Piso	P26	Top	1.2+0.5L+W+G	-5.00	0.15	0.84	1920	1637	1920	1637	204.00	204.00	56.54	56.54	42.58	42.58	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+W+G	-4.77	0.15	0.84	1920	1638	1920	1638	204.00	204.00	56.57	56.57	42.60	42.60	-2.36	SI
2 Piso	P26	Top	1.2+0.5L+W+G	-3.61	0.15	0.84	1920	1639	1920	1639	204.00	204.00	56.61	56.61	42.63	42.63	0.18	SI
2 Piso	P26	Bottom	1.2+0.5L+W+G	-3.78	0.15	0.84	1920	1640	1920	1640	204.00	204.00	56.64	56.64	42.66	42.66	-3.36	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (m²)	ϕ	As req (mm²)	fy req (Mpa)	As lim (mm²)	fy lim (Mpa)	d req (mm)	d lim (mm)	Mn req (ton-m)	Mn lim (ton-m)	ϕMn req (ton-m)	ϕMn lim (ton-m)	Mu (ton-m)	Cumple
2 Piso	P26	Top	0.9D+1.0E+1.0L+0.3S	-3.85	0.15	0.90	1920	1641	1920	1641	284.00	294.00	56.87	55.67	42.65	42.88	0.19	SI
2 Piso	P26	Bottom	0.9D+1.0E+1.0L+0.3S	-3.78	0.15	0.90	1920	1642	1920	1642	284.00	294.00	56.71	55.71	42.53	42.71	3.16	SI
2 Piso	P26	Top	0.9D+1.0E+1.0L+0.3S	-3.85	0.15	0.90	1920	1643	1920	1643	284.00	294.00	56.74	55.74	42.55	42.79	0.10	SI
2 Piso	P26	Bottom	0.9D+1.0E+1.0L+0.3S	-3.78	0.15	0.90	1920	1644	1920	1644	284.00	294.00	56.78	56.78	42.76	42.76	3.16	SI
2 Piso	P26	Top	0.9D+1.0E+1.0L+0.3S	-3.85	0.15	0.90	1920	1645	1920	1645	284.00	294.00	56.81	56.61	42.61	42.79	0.19	SI
2 Piso	P26	Bottom	0.9D+1.0E+1.0L+0.3S	-3.78	0.15	0.90	1920	1646	1920	1646	284.00	294.00	56.85	56.85	42.8	42.81	-3.16	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-7.66	1.15	0.90	2400	1647	2400	1647	294.00	294.00	71.10	71.10	53.50	53.50	3.14	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-17.41	1.15	0.90	2400	1648	2400	1648	284.00	294.00	71.15	71.15	53.50	53.50	-7.46	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-7.15	1.15	0.90	2400	1649	2400	1649	294.00	294.00	71.15	71.15	53.61	53.61	3.16	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-14.81	1.15	0.90	2400	1650	2400	1650	284.00	294.00	71.23	71.23	53.65	53.65	-11.38	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.28	1.15	0.90	2400	1651	2400	1651	284.00	294.00	71.27	71.27	53.56	53.56	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-17.08	1.15	0.90	2400	1652	2400	1652	284.00	294.00	71.32	71.32	53.7	53.7	-6.54	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.28	1.15	0.90	2400	1653	2400	1653	284.00	294.00	71.36	71.36	53.74	53.74	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-17.08	1.15	0.90	2400	1654	2400	1654	284.00	294.00	71.40	71.40	53.76	53.76	-6.54	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.38	1.15	0.90	2400	1655	2400	1655	284.00	294.00	71.45	71.45	53.81	53.81	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-17.08	1.15	0.90	2400	1656	2400	1656	284.00	294.00	71.49	71.49	53.84	53.84	-6.54	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.38	1.15	0.90	2400	1657	2400	1657	284.00	294.00	71.53	71.53	53.87	53.87	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-17.08	1.15	0.90	2400	1658	2400	1658	284.00	294.00	71.58	71.55	53.87	53.87	-8.34	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.05	1.15	0.90	2400	1659	2400	1659	284.00	294.00	71.62	71.62	53.94	53.84	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-15.27	1.15	0.90	2400	1660	2400	1660	284.00	294.00	71.66	71.65	53.97	53.97	-8.36	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.05	1.15	0.90	2400	1661	2400	1661	284.00	294.00	71.71	71.71	54.00	54.00	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-15.27	1.15	0.90	2400	1662	2400	1662	284.00	294.00	71.75	71.04	54.04	54.04	-6.55	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.05	1.15	0.90	2400	1663	2400	1663	284.00	294.00	71.79	71.79	54.07	54.07	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-15.27	1.15	0.90	2400	1664	2400	1664	284.00	294.00	71.84	71.84	54.10	54.10	-6.56	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-9.05	1.15	0.90	2400	1665	2400	1665	284.00	294.00	71.88	71.88	54.13	54.13	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-15.27	1.15	0.90	2400	1666	2400	1666	284.00	294.00	71.92	71.92	54.17	54.17	-6.58	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-6.61	1.15	0.90	2400	1667	2400	1667	284.00	294.00	71.97	71.97	54.20	54.20	3.17	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-13.83	1.15	0.90	2400	1668	2400	1668	284.00	294.00	72.01	72.01	54.23	54.23	-6.59	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-6.66	1.15	0.90	2400	1669	2400	1669	284.00	294.00	72.05	72.05	54.26	54.26	2.98	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-12.46	1.15	0.90	2400	1670	2400	1670	284.00	294.00	72.10	72.10	54.30	54.30	-6.58	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-8.09	1.15	0.90	2400	1671	2400	1671	284.00	294.00	72.14	72.14	54.33	54.33	2.98	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-16.31	1.15	0.90	2400	1672	2400	1672	284.00	294.00	72.18	72.18	54.36	54.36	-8.27	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-8.09	1.15	0.90	2400	1673	2400	1673	284.00	294.00	72.22	72.22	54.39	54.39	3.18	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-16.31	1.15	0.90	2400	1674	2400	1674	284.00	294.00	72.27	72.27	54.43	54.43	-8.27	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-5.87	1.15	0.90	2400	1675	2400	1675	284.00	294.00	72.31	72.31	54.46	54.46	2.97	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-12.34	1.15	0.90	2400	1676	2400	1676	284.00	294.00	72.35	72.35	54.49	54.49	-4.32	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-5.87	1.15	0.90	2400	1677	2400	1677	284.00	294.00	72.40	72.40	54.53	54.53	2.97	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-12.34	1.15	0.90	2400	1678	2400	1678	284.00	294.00	72.44	72.44	54.56	54.56	-4.32	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-5.87	1.15	0.90	2400	1679	2400	1679	284.00	294.00	72.48	72.48	54.59	54.59	2.97	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-12.34	1.15	0.90	2400	1680	2400	1680	284.00	294.00	72.53	72.53	54.62	54.62	-4.32	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-5.87	1.15	0.90	2400	1681	2400	1681	284.00	294.00	72.57	72.57	54.65	54.65	2.97	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-12.34	1.15	0.90	2400	1682	2400	1682	284.00	294.00	72.61	72.61	54.69	54.69	-4.32	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-4.88	1.15	0.90	2400	1683	2400	1683	284.00	294.00	72.66	72.66	54.72	54.72	2.98	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-13.4	1.15	0.90	2400	1684	2400	1684	284.00	294.00	72.70	72.70	54.75	54.75	-4.31	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-4.92	1.15	0.90	2400	1685	2400	1685	284.00	284.00	72.74	72.74	54.78	54.78	1.12	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-9.08	1.15	0.90	2400	1686	2400	1686	284.00	284.00	72.78	72.78	54.82	54.82	-4.56	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-4.24	1.15	0.90	2400	1687	2400	1687	284.00	284.00	72.83	72.83	54.85	54.85	1.13	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-10.2	1.15	0.90	2400	1688	2400	1688	284.00	284.00	72.87	72.87	54.88	54.88	-4.30	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-3.54	1.15	0.90	2400	1689	2400	1689	284.00	284.00	72.92	72.82	54.91	54.91	2.11	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-12.11	1.15	0.90	2400	1690	2400	1690	284.00	284.00	72.96	72.96	54.95	54.95	-6.28	SI
2 Piso	P27	Top	0.9D+1.0E+1.0L+0.3S	-7.84	1.15	0.90	2400	1691	2400	1691	284.00	284.00	73.00	73.00	54.98	54.98	3.15	SI
2 Piso	P27	Bottom	0.9D+1.0E+1.0L+0.3S	-15.88	1.15	0.90	2400	1692	2400	1692	284.00	294.00	73.04	55.07	55.01	55.01	-11.48	SI
2 Piso	P27	Top	1.2D+1.6L+0.5S	-10.94	1.15	0.90	2400	1693	2400	1693	284.00	294.00	73.09	73.09	56.04	55.04	4.17	SI
2 Piso	P27	Bottom	1.2D+1.6L+0.5S	-19.98	1.15	0.90	2400	1694	2400	1694	284.00	294.00	73.13	73.13	56.06	55.08	-6.97	SI

STORY	MURO	LOC.	ODIMB	P [kN]	Área [m²]	ρ	Av+st [cm²]	fy ext [kPa]	Av int [cm²]	fy int [kPa]	S ext [mm]	S int [mm]	Mn ext [Ton-m]	Mn int [Ton-m]	Odiseño ext [Ton-m]	Odiseño int [Ton-m]	M12 [Ton-m]	Cumple
2	Muro	P27	Top	B243-Wy+G	-10.94	1.05	0.64	2400	1699	2400	1695	294.00	294.00	73.17	73.17	65.11	65.11	4.07	SI
2	Muro	P27	Bottom	B243-Wy+G	-10.92	1.05	0.64	2400	1696	2400	1695	294.00	294.00	73.22	73.22	65.14	65.14	-6.37	SI
2	Muro	P27	Top	B243-Wx+G	-10.94	1.05	0.64	2400	1697	2400	1697	294.00	294.00	73.26	73.26	65.17	65.17	4.07	SI
2	Muro	P27	Bottom	B243-Wx+G	-10.92	1.05	0.64	2400	1698	2400	1696	294.00	294.00	73.30	73.30	65.21	65.21	-6.37	SI
2	Muro	P27	Top	B243-Wy+G	-10.94	1.05	0.64	2400	1699	2400	1699	294.00	294.00	73.35	73.35	65.24	65.24	4.07	SI
2	Muro	P27	Bottom	B243-Wy+G	-10.92	1.05	0.64	2400	1700	2400	1700	294.00	294.00	73.39	73.39	65.27	65.27	-6.37	SI
2	Muro	P27	Top	B244-Wy+G	-8.85	1.05	0.64	2400	1701	2400	1701	294.00	294.00	73.43	73.43	65.30	65.30	3.07	SI
2	Muro	P27	Bottom	B244-Wy+G	-17.15	1.05	0.64	2400	1702	2400	1702	294.00	294.00	73.48	73.48	65.34	65.34	-9.78	SI
2	Muro	P27	Top	B244-Wx+G	-8.85	1.05	0.64	2400	1703	2400	1703	294.00	294.00	73.52	73.52	65.37	65.37	3.07	SI
2	Muro	P27	Bottom	B244-Wx+G	-17.15	1.05	0.64	2400	1704	2400	1704	294.00	294.00	73.56	73.56	65.40	65.40	-9.78	SI
2	Muro	P27	Top	B244-Wy+G	-8.85	1.05	0.64	2400	1705	2400	1705	294.00	294.00	73.61	73.61	65.43	65.43	3.07	SI
2	Muro	P27	Bottom	B244-Wy+G	-17.15	1.05	0.64	2400	1706	2400	1706	294.00	294.00	73.65	73.65	65.47	65.47	-9.78	SI
2	Muro	P27	Top	B244-Wy+G	-8.85	1.05	0.64	2400	1707	2400	1707	294.00	294.00	73.69	73.69	65.50	65.50	3.07	SI
2	Muro	P27	Bottom	B244-Wy+G	-17.15	1.05	0.64	2400	1708	2400	1708	294.00	294.00	73.74	73.74	65.53	65.53	-9.78	SI
2	Muro	P25	Top	B241	-2.02	0.45	0.64	1800	1709	1920	1709	294.00	294.00	59.02	59.02	44.48	44.48	-0.15	SI
2	Muro	P26	Bottom	B241	-8.91	0.45	0.64	1800	1710	1920	1710	294.00	294.00	59.06	59.06	44.48	44.48	-3.30	SI
2	Muro	P25	Top	B242 Lcub	-1.86	0.45	0.64	1800	1711	1920	1711	294.00	294.00	59.09	59.09	44.50	44.50	-0.18	SI
2	Muro	P26	Bottom	B242 Lcub	-5.35	0.45	0.64	1800	1712	1920	1712	294.00	294.00	59.13	59.13	44.53	44.53	-1.31	SI
2	Muro	P26	Top	B243-Wx+Lcub	-2.22	0.45	0.64	1800	1713	1920	1713	294.00	294.00	59.16	59.16	44.56	44.56	-0.17	SI
2	Muro	P26	Bottom	B243-Wx+Lcub	-6.77	0.45	0.64	1800	1714	1920	1714	294.00	294.00	59.20	59.20	44.58	44.58	-2.50	SI
2	Muro	P26	Top	B243-Wy+Lcub	-2.22	0.45	0.64	1800	1715	1920	1715	294.00	294.00	59.23	59.23	44.61	44.61	-0.17	SI
2	Muro	P26	Bottom	B243-Wy+Lcub	-6.77	0.45	0.64	1800	1716	1920	1716	294.00	294.00	59.26	59.26	44.63	44.63	-2.50	SI
2	Muro	P26	Top	B243-Wx+Lcub	-2.22	0.45	0.64	1800	1717	1920	1717	294.00	294.00	59.30	59.30	44.66	44.66	-0.17	SI
2	Muro	P26	Bottom	B243-Wx+Lcub	-6.77	0.45	0.64	1800	1718	1920	1718	294.00	294.00	59.33	59.33	44.69	44.69	-2.50	SI
2	Muro	P26	Top	B243-Wy+Lcub	-2.22	0.45	0.64	1800	1719	1920	1719	294.00	294.00	59.37	59.37	44.71	44.71	-0.17	SI
2	Muro	P26	Bottom	B243-Wy+Lcub	-6.77	0.45	0.64	1800	1720	1920	1720	294.00	294.00	59.40	59.40	44.74	44.74	-2.50	SI
2	Muro	P26	Top	B244-Wx+Lcub	-2.12	0.45	0.64	1800	1721	1920	1721	294.00	294.00	59.44	59.44	44.76	44.76	-0.19	SI
2	Muro	P26	Bottom	B244-Wx+Lcub	-6.00	0.45	0.64	1800	1722	1920	1722	294.00	294.00	59.47	59.47	44.79	44.79	-5.36	SI
2	Muro	P26	Top	B244-Wy+Lcub	-2.12	0.45	0.64	1800	1723	1920	1723	294.00	294.00	59.51	59.51	44.82	44.82	-0.19	SI
2	Muro	P26	Bottom	B244-Wy+Lcub	-6.00	0.45	0.64	1800	1724	1920	1724	294.00	294.00	59.54	59.54	44.84	44.84	-5.36	SI
2	Muro	P26	Top	B245-Wx+Lcub	-2.12	0.45	0.64	1800	1725	1920	1725	294.00	294.00	59.58	59.58	44.87	44.87	-0.19	SI
2	Muro	P26	Bottom	B245-Wx+Lcub	-6.00	0.45	0.64	1800	1726	1920	1726	294.00	294.00	59.61	59.61	44.89	44.89	-5.36	SI
2	Muro	P26	Top	B245-Wy+Lcub	-2.12	0.45	0.64	1800	1727	1920	1727	294.00	294.00	59.64	59.64	44.92	44.92	-0.19	SI
2	Muro	P26	Bottom	B245-Wy+Lcub	-6.00	0.45	0.64	1800	1728	1920	1728	294.00	294.00	59.68	59.68	44.95	44.95	-5.36	SI
2	Muro	P26	Top	B245-Wx+	-1.83	0.45	0.64	1800	1729	1920	1729	294.00	294.00	59.71	59.71	44.97	44.97	-0.20	SI
2	Muro	P26	Bottom	B245-Wx+	-5.49	0.45	0.64	1800	1730	1920	1730	294.00	294.00	59.75	59.75	45.00	45.00	-5.24	SI
2	Muro	P26	Top	B245-Wx-	-1.67	0.45	0.64	1800	1731	1920	1731	294.00	294.00	59.78	59.78	45.03	45.03	-0.10	SI
2	Muro	P26	Bottom	B245-Wx-	-5.40	0.45	0.64	1800	1732	1920	1732	294.00	294.00	59.82	59.82	45.06	45.06	-5.44	SI
2	Muro	P26	Top	B245-Wy+	-1.39	0.45	0.64	1800	1733	1920	1733	294.00	294.00	59.85	59.85	45.08	45.08	-0.16	SI
2	Muro	P26	Bottom	B245-Wy+	-3.61	0.45	0.64	1800	1734	1920	1734	294.00	294.00	59.86	59.86	45.10	45.10	-5.17	SI
2	Muro	P26	Top	B245-Wy-	-2.12	0.45	0.64	1800	1735	1920	1735	294.00	294.00	59.92	59.92	45.13	45.13	-0.16	SI
2	Muro	P26	Bottom	B245-Wy-	-7.27	0.45	0.64	1800	1736	1920	1736	294.00	294.00	59.96	59.96	45.15	45.15	-5.31	SI
2	Muro	P26	Top	B246-Wx+	-1.56	0.45	0.64	1800	1737	1920	1737	294.00	294.00	59.99	59.99	45.18	45.18	-0.12	SI
2	Muro	P26	Bottom	B246-Wx+	-4.89	0.45	0.64	1800	1738	1920	1738	294.00	294.00	60.02	60.02	45.21	45.21	-1.36	SI
2	Muro	P26	Top	B246-Wx-	-1.56	0.45	0.64	1800	1739	1920	1739	294.00	294.00	60.06	60.06	45.23	45.23	-0.12	SI
2	Muro	P26	Bottom	B246-Wx-	-4.89	0.45	0.64	1800	1740	1920	1740	294.00	294.00	60.09	60.09	45.26	45.26	-1.36	SI
2	Muro	P26	Top	B246-Wy+	-1.56	0.45	0.64	1800	1741	1920	1741	294.00	294.00	60.13	60.13	45.28	45.28	-0.12	SI
2	Muro	P26	Bottom	B246-Wy+	-4.89	0.45	0.64	1800	1742	1920	1742	294.00	294.00	60.16	60.16	45.31	45.31	-1.36	SI
2	Muro	P26	Top	B246-Wy-	-1.56	0.45	0.64	1800	1743	1920	1743	294.00	294.00	60.20	60.20	45.34	45.34	-0.12	SI
2	Muro	P26	Bottom	B246-Wy-	-4.89	0.45	0.64	1800	1744	1920	1744	294.00	294.00	60.23	60.23	45.36	45.36	-1.36	SI
2	Muro	P26	Top	B247-Ex+	-1.39	0.45	0.64	1800	1745	1920	1745	294.00	294.00	60.27	60.27	45.39	45.39	-0.14	SI
2	Muro	P26	Bottom	B247-Ex+	-3.46	0.45	0.64	1800	1746	1920	1746	294.00	294.00	60.30	60.30	45.41	45.41	-1.39	SI
2	Muro	P26	Top	B247-Ex-	-1.22	0.45	0.64	1800	1747	1920	1747	294.00	294.00	60.34	60.34	45.44	45.44	-0.24	SI
2	Muro	P26	Bottom	B247-Ex-	-1.76	0.45	0.64	1800	1748	1920	1748	294.00	294.00	60.37	60.37	45.47	45.47	-2.02	SI

STORY	MURO	LOC.	COMB	Pu (kN)	Area acc. (m²)	ρ	fy ext (Mpa)	fy int (Mpa)	As ext (mm²)	As int (mm²)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
2	Muro	P26	Top	1247-Ex+	-9.22	0.005	0.004	1920	1749	1920	1749	284.00	284.00	60.40	61.40	45.44	45.49	-0.10	SI
2	Muro	P25	Bottom	1247-Ex+	-2.61	0.005	0.004	1920	1750	1920	1750	284.00	284.00	60.44	60.44	45.52	45.57	-1.76	SI
2	Muro	P26	Top	1247-Ex-	-1.67	0.005	0.004	1920	1751	1920	1751	284.00	284.00	60.47	60.47	45.54	45.64	-0.09	SI
2	Muro	P26	Bottom	1247-Ex-	-8.27	0.005	0.004	1920	1752	1920	1752	284.00	284.00	60.51	60.51	45.57	45.57	-2.10	SI
2	Muro	P26	Top	1247-Ey-	-2.08	0.005	0.004	1920	1753	1920	1753	284.00	284.00	60.54	60.54	45.60	45.60	-0.20	SI
2	Muro	P26	Bottom	1247-Ey-	-5.72	0.005	0.004	1920	1754	1920	1754	284.00	284.00	60.58	60.58	45.61	45.62	-7.02	SI
2	Muro	P25	Top	1243-Wx- G	-2.89	0.005	0.004	1920	1755	1920	1755	284.00	284.00	60.61	60.61	45.64	45.65	-0.24	SI
2	Muro	P26	Bottom	1243-Wx- G	-7.94	0.005	0.004	1920	1756	1920	1756	284.00	284.00	60.65	60.65	45.67	45.67	-2.55	SI
2	Muro	P26	Top	1243-Wy- G	-2.86	0.005	0.004	1920	1757	1920	1757	284.00	284.00	60.68	60.68	45.70	45.70	-0.24	SI
2	Muro	P26	Bottom	1243-Wy- G	-7.94	0.005	0.004	1920	1758	1920	1758	284.00	284.00	60.72	60.72	45.73	45.73	-2.55	SI
2	Muro	P26	Top	1243-Wx+ G	-2.89	0.005	0.004	1920	1759	1920	1759	284.00	284.00	60.75	60.75	45.76	45.75	-0.24	SI
2	Muro	P26	Bottom	1243-Wx+ G	-7.94	0.005	0.004	1920	1760	1920	1760	284.00	284.00	60.78	60.78	45.79	45.79	-2.55	SI
2	Muro	P26	Top	1243-Wy+ G	-2.68	0.005	0.004	1920	1761	1920	1761	284.00	284.00	60.82	60.82	45.80	45.80	-0.24	SI
2	Muro	P26	Bottom	1243-Wy+ G	-7.94	0.005	0.004	1920	1762	1920	1762	284.00	284.00	60.85	60.85	45.83	45.83	-2.55	SI
2	Muro	P26	Top	1244-Wx- G	-2.33	0.005	0.004	1920	1763	1920	1763	284.00	284.00	60.89	60.89	45.86	45.86	-0.21	SI
2	Muro	P25	Bottom	1244-Wx- G	-8.45	0.005	0.004	1920	1764	1920	1764	284.00	284.00	60.92	60.92	45.89	45.89	-5.38	SI
2	Muro	P26	Top	1244-Wx+ G	-2.33	0.005	0.004	1920	1765	1920	1765	284.00	284.00	60.96	60.96	45.92	45.91	-0.21	SI
2	Muro	P25	Bottom	1244-Wx+ G	-8.45	0.005	0.004	1920	1766	1920	1766	284.00	284.00	60.99	60.99	45.93	45.93	-5.38	SI
2	Muro	P26	Top	1244-Wy- G	-2.33	0.005	0.004	1920	1767	1920	1767	284.00	284.00	61.03	61.03	45.96	45.96	-0.21	SI
2	Muro	P25	Bottom	1244-Wy- G	-8.45	0.005	0.004	1920	1768	1920	1768	284.00	284.00	61.06	61.06	45.98	45.98	-5.38	SI
2	Muro	P26	Top	1244-Wy+ G	-2.33	0.005	0.004	1920	1769	1920	1769	284.00	284.00	61.10	61.10	46.01	46.01	-0.21	SI
2	Muro	P25	Bottom	1244-Wy+ G	-8.45	0.005	0.004	1920	1770	1920	1770	284.00	284.00	61.13	61.13	46.04	46.04	-5.38	SI
2	Muro	P29	Top	B211	-14.81	1.414	0.004	2400	1771	2400	1771	354.00	354.00	92.06	92.06	70.85	70.85	-1.19	SI
2	Muro	P29	Bottom	B211	-30.21	1.414	0.004	2400	1772	2400	1772	354.00	354.00	92.11	92.11	70.89	70.68	3.49	SI
2	Muro	P29	Top	1242 Lcub	-14.10	1.414	0.004	2400	1773	2400	1773	354.00	354.00	92.16	92.16	70.93	70.73	-0.89	SI
2	Muro	P28	Bottom	1242 Lcub	-30.01	1.414	0.004	2400	1774	2400	1774	354.00	354.00	92.21	92.21	70.97	70.77	5.23	SI
2	Muro	P29	Top	1243-Wx+ Lcub	-17.51	1.414	0.004	2400	1775	2400	1775	354.00	354.00	92.27	92.27	70.81	70.81	-1.12	SI
2	Muro	P28	Bottom	1243-Wx+ Lcub	-30.71	1.414	0.004	2400	1776	2400	1776	354.00	354.00	92.32	92.32	70.85	70.85	3.92	SI
2	Muro	P29	Top	1243-Wx- Lcub	-17.51	1.414	0.004	2400	1777	2400	1777	354.00	354.00	92.37	92.37	70.89	70.89	-1.12	SI
2	Muro	P28	Bottom	1243-Wx- Lcub	-30.71	1.414	0.004	2400	1778	2400	1778	354.00	354.00	92.42	92.42	70.93	70.93	3.92	SI
2	Muro	P29	Top	1243-Wy+ Lcub	-17.51	1.414	0.004	2400	1779	2400	1779	354.00	354.00	92.47	92.47	70.97	70.97	-1.12	SI
2	Muro	P28	Bottom	1243-Wy+ Lcub	-30.71	1.414	0.004	2400	1780	2400	1780	354.00	354.00	92.53	92.53	71.01	71.01	3.92	SI
2	Muro	P29	Top	1243-Wy- Lcub	-17.51	1.414	0.004	2400	1781	2400	1781	354.00	354.00	92.58	92.58	71.05	71.05	-1.12	SI
2	Muro	P28	Bottom	1243-Wy- Lcub	-30.71	1.414	0.004	2400	1782	2400	1782	354.00	354.00	92.63	92.63	71.09	71.09	3.92	SI
2	Muro	P29	Top	1244-Wx+ Lcub	-16.5	1.414	0.004	2400	1783	2400	1783	354.00	354.00	92.68	92.68	71.13	71.13	-1.26	SI
2	Muro	P28	Bottom	1244-Wx+ Lcub	-31.81	1.414	0.004	2400	1784	2400	1784	354.00	354.00	92.73	92.73	71.17	71.17	4.51	SI
2	Muro	P29	Top	1244-Wx- Lcub	-16.5	1.414	0.004	2400	1785	2400	1785	354.00	354.00	92.79	92.79	71.21	71.21	-1.26	SI
2	Muro	P28	Bottom	1244-Wx- Lcub	-31.81	1.414	0.004	2400	1786	2400	1786	354.00	354.00	92.84	92.84	71.25	71.25	4.51	SI
2	Muro	P29	Top	1244-Wy+ Lcub	-16.5	1.414	0.004	2400	1787	2400	1787	354.00	354.00	92.89	92.89	71.29	71.29	-1.26	SI
2	Muro	P28	Bottom	1244-Wy+ Lcub	-31.81	1.414	0.004	2400	1788	2400	1788	354.00	354.00	92.94	92.94	71.33	71.33	4.51	SI
2	Muro	P29	Top	1244-Wy- Lcub	-16.5	1.414	0.004	2400	1789	2400	1789	354.00	354.00	92.99	92.99	71.37	71.37	-1.26	SI
2	Muro	P28	Bottom	1244-Wy- Lcub	-31.81	1.414	0.004	2400	1790	2400	1790	354.00	354.00	93.05	93.05	71.41	71.41	4.51	SI
2	Muro	P28	Top	1245-Ex+	-14.00	1.414	0.004	2400	1791	2400	1791	354.00	354.00	93.10	93.10	71.45	71.45	-1.14	SI
2	Muro	P29	Bottom	1245-Ex+	-30.58	1.414	0.004	2400	1792	2400	1792	354.00	354.00	93.15	93.15	71.49	71.49	4.44	SI
2	Muro	P29	Top	1245-Ex-	-11.84	1.414	0.004	2400	1793	2400	1793	354.00	354.00	93.20	93.20	71.53	71.53	-0.32	SI
2	Muro	P29	Bottom	1245-Ex-	-25.4	1.414	0.004	2400	1794	2400	1794	354.00	354.00	93.25	93.25	71.57	71.57	4.10	SI
2	Muro	P29	Top	1245-Ey+	-13.06	1.414	0.004	2400	1795	2400	1795	354.00	354.00	93.31	93.31	71.61	71.61	-1.70	SI
2	Muro	P25	Bottom	1245-Ey+	-27.70	1.414	0.004	2400	1796	2400	1796	354.00	354.00	93.36	93.36	71.65	71.65	5.44	SI
2	Muro	P29	Top	1245-Ey-	-12.86	1.414	0.004	2400	1797	2400	1797	354.00	354.00	93.41	93.41	71.69	71.69	-0.76	SI
2	Muro	P25	Bottom	1245-Ey-	-26.66	1.414	0.004	2400	1798	2400	1798	354.00	354.00	93.46	93.46	71.73	71.73	3.60	SI
2	Muro	P29	Top	1246-Wx+	-12.1	1.414	0.004	2400	1799	2400	1799	354.00	354.00	93.51	93.51	71.77	71.77	-0.82	SI
2	Muro	P29	Bottom	1246-Wx+	-23.00	1.414	0.004	2400	1800	2400	1800	354.00	354.00	93.57	93.57	71.81	71.81	2.49	SI
2	Muro	P29	Top	1246-Wx-	-12.1	1.414	0.004	2400	1801	2400	1801	354.00	354.00	93.62	93.62	71.85	71.85	-0.82	SI
2	Muro	P29	Bottom	1246-Wx-	-23.00	1.414	0.004	2400	1802	2400	1802	354.00	354.00	93.67	93.67	71.89	71.89	2.49	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área sec. (cm²)	R.	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P29	Top	B245-Wx+	-12.11	1.44	0.89	2400	1803	2400	1800	354.00	354.00	93.72	93.72	71.98	71.98	-0.82	SI
2 Piso	P29	Bottom	B245-Wx+	-22.00	1.44	0.96	2400	1804	2400	1804	354.00	354.00	93.77	93.77	71.97	71.97	2.49	SI
2 Piso	P29	Top	B246-Wx-	-12.11	1.44	0.96	2400	1805	2400	1805	354.00	354.00	93.82	93.83	72.01	72.01	-0.82	SI
2 Piso	P29	Bottom	B246-Wx-	-22.00	1.44	0.96	2400	1806	2400	1806	354.00	354.00	93.88	93.88	72.05	72.05	2.49	SI
2 Piso	P29	Top	1247-Ex-	-10.74	1.44	0.96	2400	1807	2400	1807	354.00	354.00	93.93	93.93	72.09	72.09	-0.83	SI
2 Piso	P29	Bottom	1247-Ex+	-22.22	1.44	0.96	2400	1808	2400	1808	354.00	354.00	93.98	93.98	72.13	72.13	2.48	SI
2 Piso	P29	Top	B247-Ex-	-8.52	1.44	0.96	2400	1809	2400	1809	354.00	354.00	94.03	94.03	72.17	72.17	-0.60	SI
2 Piso	P29	Bottom	B247-Ex+	-16.64	1.44	0.96	2400	1810	2400	1810	354.00	354.00	94.08	94.08	72.21	72.21	2.58	SI
2 Piso	P29	Top	B247-Ey+	-8.70	1.44	0.96	2400	1811	2400	1811	354.00	354.00	94.14	94.14	72.25	72.25	-1.48	SI
2 Piso	P29	Bottom	B247-Ey+	-16.80	1.44	0.96	2400	1812	2400	1812	354.00	354.00	94.19	94.19	72.29	72.29	3.49	SI
2 Piso	P29	Top	B247-Ey+	-8.52	1.44	0.96	2400	1813	2400	1813	354.00	354.00	94.24	94.24	72.33	72.33	-0.06	SI
2 Piso	P29	Bottom	B247-Ey+	-16.64	1.44	0.96	2400	1814	2400	1814	354.00	354.00	94.29	94.29	72.37	72.37	1.58	SI
2 Piso	P29	Top	B242-Ex-	-16.31	1.44	0.96	2400	1815	2400	1815	354.00	354.00	94.35	94.35	72.41	72.41	-1.02	SI
2 Piso	P29	Bottom	B242-Ex-	-12.78	1.44	0.96	2400	1816	2400	1816	354.00	354.00	94.40	94.40	72.45	72.45	5.22	SI
2 Piso	P29	Top	B243-Wx-G	-23.98	1.44	0.96	2400	1817	2400	1817	354.00	354.00	94.45	94.45	72.49	72.49	-1.26	SI
2 Piso	P29	Bottom	B243-Wx-G	-17.47	1.44	0.96	2400	1818	2400	1818	354.00	354.00	94.50	94.50	72.52	72.52	3.30	SI
2 Piso	P29	Top	B243-Wx-G	-23.99	1.44	0.96	2400	1819	2400	1819	354.00	354.00	94.55	94.55	72.56	72.56	-1.29	SI
2 Piso	P29	Bottom	B243-Wy-G	-17.47	1.44	0.96	2400	1820	2400	1820	354.00	354.00	94.61	94.61	72.60	72.60	3.30	SI
2 Piso	P29	Top	B243-Wx+G	-23.89	1.44	0.96	2400	1821	2400	1821	354.00	354.00	94.66	94.66	72.64	72.64	-1.26	SI
2 Piso	P29	Bottom	B243-Wx+G	-17.47	1.44	0.96	2400	1822	2400	1822	354.00	354.00	94.71	94.71	72.68	72.68	3.30	SI
2 Piso	P29	Top	B243-Wy+G	-23.89	1.44	0.96	2400	1823	2400	1823	354.00	354.00	94.76	94.76	72.72	72.72	-1.28	SI
2 Piso	P29	Bottom	B243-Wy+G	-17.47	1.44	0.96	2400	1824	2400	1824	354.00	354.00	94.81	94.81	72.76	72.76	3.30	SI
2 Piso	P29	Top	B244-Wx-G	-16.53	1.44	0.96	2400	1825	2400	1825	354.00	354.00	94.87	94.87	72.80	72.80	-1.10	SI
2 Piso	P29	Bottom	B244-Wx-G	-33.98	1.44	0.96	2400	1826	2400	1826	354.00	354.00	94.92	94.92	72.84	72.84	4.50	SI
2 Piso	P29	Top	B244-Wx-G	-16.53	1.44	0.96	2400	1827	2400	1827	354.00	354.00	94.97	94.97	72.88	72.88	-1.10	SI
2 Piso	P29	Bottom	B244-Wx-G	-33.98	1.44	0.96	2400	1828	2400	1828	354.00	354.00	95.02	95.02	72.92	72.92	4.50	SI
2 Piso	P29	Top	B244-Wy-G	-16.53	1.44	0.96	2400	1829	2400	1829	354.00	354.00	95.07	95.07	72.96	72.96	-1.10	SI
2 Piso	P29	Bottom	B244-Wy-G	-33.98	1.44	0.96	2400	1830	2400	1830	354.00	354.00	95.13	95.13	73.00	73.00	4.50	SI
2 Piso	P29	Top	B244-Wy-G	-16.53	1.44	0.96	2400	1831	2400	1831	354.00	354.00	95.18	95.18	73.04	73.04	-1.10	SI
2 Piso	P29	Bottom	B244-Wy-G	-33.98	1.44	0.96	2400	1832	2400	1832	354.00	354.00	95.23	95.23	73.08	73.08	4.50	SI
2 Piso	P29A	Top	B241	-2.24	0.23	0.80	960	1835	960	1833	354.00	354.00	38.14	38.11	28.23	28.25	0.17	SI
2 Piso	P29A	Bottom	B241	-3.56	0.23	0.96	960	1836	960	1834	354.00	354.00	38.13	38.13	28.27	28.27	1.07	SI
2 Piso	P29A	Top	B242 Lcub	-2.30	0.23	0.80	960	1835	960	1835	354.00	354.00	38.15	38.15	28.27	28.28	0.17	SI
2 Piso	P29A	Bottom	B242 Lcub	-3.31	0.23	0.96	960	1836	960	1836	354.00	354.00	38.17	38.17	28.30	28.30	1.47	SI
2 Piso	P29A	Top	B243-Wx+ Lcub	-2.70	0.23	0.80	960	1837	960	1837	354.00	354.00	38.20	38.20	28.31	28.31	0.21	SI
2 Piso	P29A	Bottom	B243-Wx+ Lcub	-3.78	0.23	0.96	960	1838	960	1838	354.00	354.00	38.22	38.22	28.33	28.33	0.93	SI
2 Piso	P29A	Top	B243-Wx+ Lcub	-2.70	0.23	0.96	960	1839	960	1839	354.00	354.00	38.24	38.24	28.35	28.35	0.21	SI
2 Piso	P29A	Bottom	B243-Wx+ Lcub	-3.78	0.23	0.96	960	1840	960	1840	354.00	354.00	38.26	38.26	28.36	28.36	0.93	SI
2 Piso	P29A	Top	B243-Wy+ Lcub	-2.70	0.23	0.96	960	1841	960	1841	354.00	354.00	38.28	38.28	28.38	28.38	0.21	SI
2 Piso	P29A	Bottom	B243-Wy+ Lcub	-3.78	0.23	0.96	960	1842	960	1842	354.00	354.00	38.30	38.30	28.39	28.39	0.93	SI
2 Piso	P29A	Top	B243-Wy+ Lcub	-2.70	0.23	0.96	960	1843	960	1843	354.00	354.00	38.32	38.32	28.41	28.41	0.21	SI
2 Piso	P29A	Bottom	B243-Wy+ Lcub	-3.78	0.23	0.96	960	1844	960	1844	354.00	354.00	38.34	38.34	28.42	28.42	0.93	SI
2 Piso	P29A	Top	B244-Wx+ Lcub	-2.46	0.23	0.96	960	1845	960	1845	354.00	354.00	38.36	38.36	28.44	28.44	0.20	SI
2 Piso	P29A	Bottom	B244-Wx+ Lcub	-3.60	0.23	0.96	960	1846	960	1846	354.00	354.00	38.38	38.38	28.46	28.46	1.27	SI
2 Piso	P29A	Top	B244-Wx+ Lcub	-2.46	0.23	0.96	960	1847	960	1847	354.00	354.00	38.40	38.40	28.47	28.47	0.20	SI
2 Piso	P29A	Bottom	B244-Wx+ Lcub	-3.60	0.23	0.96	960	1848	960	1848	354.00	354.00	38.42	38.42	28.49	28.49	1.27	SI
2 Piso	P29A	Top	B244-Wy+ Lcub	-2.46	0.23	0.96	960	1849	960	1849	354.00	354.00	38.45	38.45	28.50	28.50	0.20	SI
2 Piso	P29A	Bottom	B244-Wy+ Lcub	-3.60	0.23	0.96	960	1850	960	1850	354.00	354.00	38.47	38.47	28.52	28.52	1.27	SI
2 Piso	P29A	Top	B214-Wx- Lcub	-2.46	0.23	0.96	960	1851	960	1851	354.00	354.00	38.48	38.48	28.54	28.54	0.20	SI
2 Piso	P29A	Bottom	B214-Wx- Lcub	-3.60	0.23	0.96	960	1852	960	1852	354.00	354.00	38.51	38.51	28.55	28.55	1.27	SI
2 Piso	P29A	Top	B245-Ex+	-1.83	0.23	0.96	960	1853	960	1853	354.00	354.00	38.53	38.53	28.57	28.57	0.18	SI
2 Piso	P29A	Bottom	B245-Ex+	-1.47	0.23	0.96	960	1854	960	1854	354.00	354.00	38.55	38.55	28.58	28.58	1.25	SI
2 Piso	P29A	Top	B245-Ex-	-1.76	0.23	0.96	960	1855	960	1855	354.00	354.00	38.57	38.57	28.60	28.60	0.18	SI
2 Piso	P29A	Bottom	B245-Ex-	-0.01	0.23	0.96	960	1856	960	1856	354.00	354.00	38.59	38.59	28.62	28.62	1.27	SI

STORY	WALL	LOC.	COMB	P (kips)	Area (in²)	R_s	As req (mm²)	f_y ext (Mpa)	As ext (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M22 (ton-m)	Cumple
2 Piso	P2WA	Top	9245-E_y+	2.14	0.23	0.96	960	1857	960	1857	354.00	354.00	38.61	38.61	29.63	29.63	0.21	SI
2 Piso	P2WA	Bottom	9245-E_y+	5.43	0.23	0.86	960	1858	960	1858	354.00	354.00	38.65	38.65	29.66	29.66	1.33	SI
2 Piso	P2WA	Top	B245-Ey-	-1.56	0.23	0.96	960	1850	960	1839	354.00	354.00	38.66	38.65	29.66	29.66	0.09	SI
2 Piso	P2WA	Top	B245-Ey-	1.05	0.23	0.96	960	1861	960	1860	354.00	354.00	38.67	38.67	29.68	29.68	1.19	SI
2 Piso	P2WA	Top	B246-Wx+	1.86	0.23	0.86	960	1861	960	1867	354.00	354.00	38.86	38.69	29.70	29.70	0.14	SI
2 Piso	P2WA	Bottom	B246-Wx+	2.75	0.23	0.96	960	1862	960	1862	354.00	354.00	38.72	38.72	29.7	29.71	0.69	SI
2 Piso	P2WA	Top	B246-Wx-	-1.85	0.23	0.86	960	1863	960	1863	354.00	354.00	38.74	38.74	29.73	29.73	0.14	SI
2 Piso	P2WA	Bottom	B246-Wx-	-2.73	0.23	0.96	960	1864	960	1864	354.00	354.00	38.76	38.76	29.74	29.74	0.69	SI
2 Piso	P2WA	Top	B246-Wx+	-1.85	0.23	0.86	960	1865	960	1865	354.00	354.00	38.78	38.78	29.76	29.76	0.14	SI
2 Piso	P2WA	Bottom	B246-Wx+	-2.73	0.23	0.86	960	1866	960	1866	354.00	354.00	38.80	38.80	29.78	29.78	0.69	SI
2 Piso	P2WA	Top	B246-Wx-	-1.85	0.23	0.96	960	1867	960	1867	354.00	354.00	38.82	38.82	29.79	29.79	0.14	SI
2 Piso	P2WA	Bottom	B246-Wx-	-2.73	0.23	0.86	960	1868	960	1868	354.00	354.00	38.84	38.84	29.81	29.81	0.69	SI
2 Piso	P2WA	Top	B247-Ey+	-1.52	0.23	0.96	960	1869	960	1869	354.00	354.00	38.86	38.86	29.82	29.82	0.14	SI
2 Piso	P2WA	Bottom	B247-Ey+	-0.71	0.23	0.86	960	1870	960	1870	354.00	354.00	38.88	38.84	29.84	29.84	0.68	SI
2 Piso	P2WA	Top	B247-Ey-	-1.37	0.23	0.96	960	1871	960	1871	354.00	354.00	38.90	38.90	29.86	29.86	0.09	SI
2 Piso	P2WA	Bottom	B247-Ey-	-4.23	0.23	0.86	960	1872	960	1872	354.00	354.00	38.92	38.97	29.87	29.97	0.70	SI
2 Piso	P2WA	Top	B247-Ey+	1.72	0.23	0.96	960	1873	960	1873	354.00	354.00	38.94	38.94	29.89	29.89	0.17	SI
2 Piso	P2WA	Bottom	B247-Ey+	-4.67	0.23	0.96	960	1874	960	1874	354.00	354.00	38.96	38.96	29.90	29.80	0.76	SI
2 Piso	P2WA	Top	B247-Ey-	1.16	0.23	0.97	960	1875	960	1875	354.00	354.00	38.98	38.89	29.91	29.87	0.06	SI
2 Piso	P2WA	Bottom	B247-Ey-	-3.99	0.23	0.96	960	1876	960	1876	354.00	354.00	39.01	39.01	29.84	29.84	0.62	SI
2 Piso	P2WA	Top	B242 G	2.33	0.23	0.86	960	1877	960	1877	354.00	354.00	39.03	39.03	29.95	29.95	0.19	SI
2 Piso	P2WA	Bottom	B242 G	-3.52	0.23	0.96	960	1878	960	1878	354.00	354.00	39.05	39.05	29.97	29.97	1.47	SI
2 Piso	P2WA	Top	B243-Wx+ G	-3.77	0.23	0.86	960	1879	960	1879	354.00	354.00	39.07	39.07	29.98	29.98	0.29	SI
2 Piso	P2WA	Bottom	B243-Wx+ G	-4.43	0.23	0.86	960	1880	960	1880	354.00	354.00	39.09	39.09	30.00	30.00	0.94	SI
2 Piso	P2WA	Top	B243-Wx- G	-3.77	0.23	0.96	960	1881	960	1881	354.00	354.00	39.11	39.11	30.02	30.02	0.29	SI
2 Piso	P2WA	Bottom	B243-Wx- G	-4.43	0.23	0.86	960	1882	960	1882	354.00	354.00	39.13	39.13	30.03	30.03	0.94	SI
2 Piso	P2WA	Top	B243-Wx- G	-3.77	0.23	0.96	960	1883	960	1883	354.00	354.00	39.15	39.15	30.05	30.05	0.29	SI
2 Piso	P2WA	Bottom	B243-Wx- G	-4.43	0.23	0.86	960	1884	960	1884	354.00	354.00	39.17	39.17	30.06	30.06	0.94	SI
2 Piso	P2WA	Top	B243-Wx+ G	-3.77	0.23	0.96	960	1885	960	1885	354.00	354.00	39.19	39.19	30.08	30.08	0.29	SI
2 Piso	P2WA	Bottom	B243-Wx+ G	-4.43	0.23	0.96	960	1886	960	1886	354.00	354.00	39.21	39.21	30.10	30.10	0.94	SI
2 Piso	P2WA	Top	B244-Wx+ G	-2.78	0.23	0.86	960	1887	960	1887	354.00	354.00	39.24	39.24	30.11	30.11	0.22	SI
2 Piso	P2WA	Bottom	B244-Wx+ G	-3.87	0.23	0.96	960	1888	960	1888	354.00	354.00	39.26	39.26	30.13	30.13	1.27	SI
2 Piso	P2WA	Top	B244-Wx+ G	-2.78	0.23	0.86	960	1889	960	1889	354.00	354.00	39.28	39.28	30.14	30.14	0.22	SI
2 Piso	P2WA	Bottom	B244-Wx+ G	-3.87	0.23	0.96	960	1890	960	1890	354.00	354.00	39.30	39.30	30.16	30.16	1.27	SI
2 Piso	P2WA	Top	B244-Wx- G	-2.78	0.23	0.96	960	1891	960	1891	354.00	354.00	39.32	39.32	30.17	30.17	0.22	SI
2 Piso	P2WA	Bottom	B244-Wx- G	-3.87	0.23	0.86	960	1892	960	1892	354.00	354.00	39.34	39.34	30.19	30.19	1.27	SI
2 Piso	P2WA	Top	B244-Wx- G	-2.78	0.23	0.96	960	1893	960	1893	354.00	354.00	39.36	39.36	30.21	30.21	0.22	SI
2 Piso	P2WA	Bottom	B244-Wx- G	-3.87	0.23	0.86	960	1894	960	1894	354.00	354.00	39.38	39.38	30.23	30.23	1.27	SI
2 Piso	P3Z	Top	B241	-5.32	0.49	0.86	1920	1895	1920	1895	224.00	224.00	49.86	49.86	35.91	35.91	0.98	SI
2 Piso	P3Z	Bottom	B241	-7.27	0.49	0.96	1920	1896	1920	1896	224.00	224.00	49.89	49.89	35.93	35.93	1.72	SI
2 Piso	P3Z	Top	B242 Lcub	5.70	0.49	0.86	1920	1897	1920	1897	224.00	224.00	49.92	49.92	35.95	35.95	0.39	SI
2 Piso	P3Z	Bottom	B242 Lcub	-5.62	0.49	0.96	1920	1898	1920	1898	224.00	224.00	49.94	49.94	35.97	35.97	1.57	SI
2 Piso	P3Z	Top	B243-Wx+ Lcub	-7.56	0.49	0.86	1920	1899	1920	1899	224.00	224.00	49.97	49.97	35.99	35.99	0.43	SI
2 Piso	P3Z	Bottom	B243-Wx+ Lcub	7.66	0.49	0.96	1920	1900	1920	1900	224.00	224.00	50.00	50.00	36.0	36.0	1.47	SI
2 Piso	P3Z	Top	B243-Wx- Lcub	-7.59	0.49	0.96	1920	1901	1920	1901	224.00	224.00	50.02	50.02	36.02	36.00	0.43	SI
2 Piso	P3Z	Bottom	B243-Wx- Lcub	-7.60	0.49	0.96	1920	1902	1920	1902	224.00	224.00	50.05	50.05	36.04	36.05	1.47	SI
2 Piso	P3Z	Top	B243-Wx+ Lcub	-7.59	0.49	0.96	1920	1903	1920	1903	224.00	224.00	50.07	50.07	36.07	36.07	0.43	SI
2 Piso	P3Z	Bottom	B243-Wx+ Lcub	7.68	0.49	0.96	1920	1904	1920	1904	224.00	224.00	50.10	50.10	36.09	36.09	1.47	SI
2 Piso	P3Z	Top	B243-Wx- Lcub	-7.59	0.49	0.96	1920	1905	1920	1905	224.00	224.00	50.13	50.13	36.10	36.10	0.43	SI
2 Piso	P3Z	Bottom	B243-Wx- Lcub	-7.68	0.49	0.96	1920	1906	1920	1906	224.00	224.00	50.15	50.15	36.12	36.12	1.47	SI
2 Piso	P3Z	Top	B244-Wx+ Lcub	-6.82	0.49	0.86	1920	1907	1920	1907	224.00	224.00	50.18	50.18	36.14	36.14	0.44	SI
2 Piso	P3Z	Bottom	B244-Wx+ Lcub	-6.49	0.49	0.96	1920	1908	1920	1908	224.00	224.00	50.21	50.21	36.16	36.16	1.54	SI
2 Piso	P3Z	Top	B244-Wx- Lcub	-6.82	0.49	0.86	1920	1909	1920	1909	224.00	224.00	50.23	50.23	36.18	36.18	0.44	SI
2 Piso	P3Z	Bottom	B244-Wx- Lcub	-6.49	0.49	0.96	1920	1910	1920	1910	224.00	224.00	50.26	50.26	36.20	36.20	1.54	SI

STORY	MURO	LOC.	COMB	Pu [ton]	Area sec. [m²]	R_u	As ext [mm²]	fy ext [Mpa]	As int [mm²]	fy int [Mpa]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	M12 [ton-m]	Cumple
2 Piso	P32	Top	B244-Wx+ Lcub	-6.92	0.48	0.9C	1920	1911	1920	1911	224.00	224.00	50.26	50.22	38.22	38.22	0.44	SI
2 Piso	P32	Bottom	B244-Wx+ Lcub	-6.43	0.48	0.9C	1920	1912	1920	1912	224.00	224.00	50.31	50.31	38.24	38.24	1.54	SI
2 Piso	P32	Top	B244-Wx- Lcub	-6.92	0.48	0.8C	1920	1913	1920	1913	224.00	224.00	50.34	50.34	38.26	38.26	0.44	SI
2 Piso	P32	Bottom	B244-Wx- Lcub	-6.43	0.48	0.9C	1920	1914	1920	1914	224.00	224.00	50.36	50.36	38.27	38.27	1.54	SI
2 Piso	P32	Top	B245-Ex+	-4.57	0.48	0.9C	1920	1915	1920	1915	224.00	224.00	50.38	50.39	38.28	38.28	0.32	SI
2 Piso	P32	Bottom	B245-Ex+	-4.69	0.48	0.9C	1920	1916	1920	1916	224.00	224.00	50.42	50.42	38.3	38.31	1.55	SI
2 Piso	P32	Top	B245-Ex-	-5.88	0.48	0.9C	1920	1917	1920	1917	224.00	224.00	50.44	50.44	38.3	38.33	0.37	SI
2 Piso	P32	Bottom	B245-Ex-	-5.03	0.48	0.8C	1920	1918	1920	1918	224.00	224.00	50.47	50.47	38.33	38.35	1.53	SI
2 Piso	P32	Top	B245-Ey+	-5.88	0.48	0.9C	1920	1918	1920	1919	224.00	224.00	50.50	50.50	38.3	38.37	0.03	SI
2 Piso	P32	Bottom	B245-Ey+	-5.24	0.48	0.9C	1920	1920	1920	1920	224.00	224.00	50.52	50.52	38.38	38.38	1.69	SI
2 Piso	P32	Top	B245-Ey-	-4.27	0.48	0.9C	1920	1921	1920	1921	224.00	224.00	50.55	50.55	38.4	38.4	0.66	SI
2 Piso	P32	Bottom	B245-Ey-	-2.42	0.48	0.9C	1920	1922	1920	1922	224.00	224.00	50.57	50.57	38.42	38.43	1.24	SI
2 Piso	P32	Top	B246-Wx+	-5.21	0.48	0.9C	1920	1922	1920	1923	224.00	224.00	50.60	50.60	38.43	38.45	0.30	SI
2 Piso	P32	Bottom	B246-Wx+	-5.44	0.48	0.9C	1920	1924	1920	1924	224.00	224.00	50.63	50.63	38.45	38.46	1.31	SI
2 Piso	P32	Top	B246-Wx-	-5.21	0.48	0.8C	1920	1925	1920	1925	224.00	224.00	50.65	50.65	38.46	38.48	0.30	SI
2 Piso	P32	Bottom	B246-Wx-	-5.44	0.48	0.9C	1920	1926	1920	1926	224.00	224.00	50.68	50.68	38.5	38.50	1.31	SI
2 Piso	P32	Top	B246-Wx+	-5.21	0.48	0.8C	1920	1927	1920	1927	224.00	224.00	50.71	50.71	38.52	38.52	0.30	SI
2 Piso	P32	Bottom	B246-Wx+	-5.44	0.48	0.8C	1920	1928	1920	1928	224.00	224.00	50.73	50.73	38.54	38.54	1.31	SI
2 Piso	P32	Top	B246-Wx-	-5.21	0.48	0.9C	1920	1929	1920	1929	224.00	224.00	50.76	50.76	38.56	38.56	0.30	SI
2 Piso	P32	Bottom	B246-Wx-	-5.44	0.48	0.8C	1920	1930	1920	1930	224.00	224.00	50.79	50.79	38.58	38.58	1.31	SI
2 Piso	P32	Top	B247-Ex+	-3.35	0.48	0.9C	1920	1931	1920	1931	224.00	224.00	50.81	50.81	38.6	38.60	0.20	SI
2 Piso	P32	Bottom	B247-Ex+	-3.09	0.48	0.9C	1920	1932	1920	1932	224.00	224.00	50.84	50.84	38.62	38.62	1.19	SI
2 Piso	P32	Top	B247-Ex-	-4.77	0.48	0.9C	1920	1933	1920	1933	224.00	224.00	50.86	50.86	38.63	38.63	0.26	SI
2 Piso	P32	Bottom	B247-Ex-	-5.07	0.48	0.9C	1920	1934	1920	1934	224.00	224.00	50.89	50.89	38.65	38.65	3.13	SI
2 Piso	P32	Top	B247-Ey+	-4.47	0.48	0.9C	1920	1935	1920	1935	224.00	224.00	50.92	50.92	38.67	38.67	-0.08	SI
2 Piso	P32	Bottom	B247-Ey+	-2.58	0.48	0.9C	1920	1936	1920	1936	224.00	224.00	50.94	50.94	38.69	38.69	1.43	SI
2 Piso	P32	Top	B247-Ey-	-3.65	0.48	0.9C	1920	1937	1920	1937	224.00	224.00	50.97	50.97	38.71	38.71	0.55	SI
2 Piso	P32	Bottom	B247-Ey-	-1.78	0.48	0.9C	1920	1938	1920	1938	224.00	224.00	51.00	51.00	38.72	38.73	0.81	SI
2 Piso	P32	Top	B242 C-	-6.03	0.48	0.9C	1920	1939	1920	1939	224.00	224.00	51.02	51.02	38.73	38.75	0.45	SI
2 Piso	P32	Bottom	B242 C-	-5.75	0.48	0.9C	1920	1940	1920	1940	224.00	224.00	51.05	51.05	38.75	38.77	1.57	SI
2 Piso	P32	Top	B243-Wx+ G	-10.57	0.48	0.9C	1920	1941	1920	1941	224.00	224.00	51.07	51.07	38.76	38.79	0.61	SI
2 Piso	P32	Bottom	B243-Wx+ G	-9.69	0.48	0.9C	1920	1942	1920	1942	224.00	224.00	51.10	51.10	38.81	38.81	1.47	SI
2 Piso	P32	Top	B243-Wx- G	-10.57	0.48	0.9C	1920	1943	1920	1943	224.00	224.00	51.13	51.13	38.82	38.82	0.61	SI
2 Piso	P32	Bottom	B243-Wx- G	-9.69	0.48	0.9C	1920	1944	1920	1944	224.00	224.00	51.15	51.15	38.84	38.84	1.47	SI
2 Piso	P32	Top	B243-Wx+ G	-10.57	0.48	0.8C	1920	1945	1920	1945	224.00	224.00	51.18	51.18	38.86	38.85	0.61	SI
2 Piso	P32	Bottom	B243-Wx+ G	-9.69	0.48	0.9C	1920	1946	1920	1946	224.00	224.00	51.21	51.21	38.88	38.88	1.47	SI
2 Piso	P32	Top	B243-Wx+ G	-10.57	0.48	0.8C	1920	1947	1920	1947	224.00	224.00	51.23	51.23	38.90	38.90	0.61	SI
2 Piso	P32	Bottom	B243-Wx+ G	-9.69	0.48	0.8C	1920	1948	1920	1948	224.00	224.00	51.26	51.26	38.92	38.92	1.47	SI
2 Piso	P32	Top	B244-Wx- G	-7.85	0.48	0.9C	1920	1948	1920	1949	224.00	224.00	51.28	51.29	38.94	38.94	0.40	SI
2 Piso	P32	Bottom	B244-Wx- G	-7.06	0.48	0.8C	1920	1950	1920	1950	224.00	224.00	51.31	51.31	38.96	38.96	1.55	SI
2 Piso	P32	Top	B244-Wx+ G	-7.85	0.48	0.9C	1920	1951	1920	1951	224.00	224.00	51.34	51.34	38.98	38.98	0.40	SI
2 Piso	P32	Bottom	B244-Wx+ G	-7.06	0.48	0.8C	1920	1952	1920	1952	224.00	224.00	51.36	51.36	38.99	38.99	1.55	SI
2 Piso	P32	Top	B244-Wx- G	-7.85	0.48	0.9C	1920	1953	1920	1953	224.00	224.00	51.39	51.39	39.01	39.01	0.40	SI
2 Piso	P32	Bottom	B244-Wx- G	-7.06	0.48	0.9C	1920	1954	1920	1954	224.00	224.00	51.42	51.42	39.03	39.03	1.53	SI
2 Piso	P32	Top	B244-Wx+ G	-7.85	0.48	0.8C	1920	1955	1920	1955	224.00	224.00	51.44	51.44	39.05	39.05	0.40	SI
2 Piso	P32	Bottom	B244-Wx+ G	-7.06	0.48	0.9C	1920	1956	1920	1956	224.00	224.00	51.47	51.47	39.0	39.07	1.53	SI
2 Piso	P32A	Top	B241	-1.47	0.21	0.9C	2400	1957	2400	1957	224.00	224.00	64.37	64.37	46.36	46.36	-0.03	SI
2 Piso	P32A	Bottom	B241	-0.49	0.21	0.9C	2400	1958	2400	1958	224.00	224.00	64.40	64.40	46.38	46.39	2.14	SI
2 Piso	P32A	Top	B242 Lcub	-2.01	0.21	0.8C	2400	1958	2400	1959	224.00	224.00	64.41	64.44	46.41	46.41	-0.79	SI
2 Piso	P32A	Bottom	B242 Lcub	-0.78	0.21	0.9C	2400	1960	2400	1960	224.00	224.00	64.47	64.47	46.43	46.43	2.28	SI
2 Piso	P32A	Top	B243-Wx+ Lcub	-1.34	0.21	0.9C	2400	1961	2400	1961	224.00	224.00	64.50	64.50	46.45	46.46	-0.51	SI
2 Piso	P32A	Bottom	B243-Wx+ Lcub	-1.20	0.21	0.9C	2400	1962	2400	1962	224.00	224.00	64.53	64.53	46.48	46.48	1.26	SI
2 Piso	P32A	Top	B243-Wx- Lcub	-1.34	0.21	0.8C	2400	1963	2400	1963	224.00	224.00	64.57	64.57	46.50	46.50	-0.81	SI
2 Piso	P32A	Bottom	B243-Wx- Lcub	-1.20	0.21	0.9C	2400	1964	2400	1964	224.00	224.00	64.60	64.60	46.53	46.53	1.66	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area Sec. (m²)	R_n	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn ext (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
2 Piso	P3/A	Top	8243-Wy+ Lcub	-1.34	0.21	0.80	2400	1985	2400	1985	224.00	224.00	64.63	64.63	46.52	46.55	-0.81	SI
2 Piso	P3/A	Bottom	8243-Wy+ Lcub	-7.20	0.21	0.90	2400	1966	2400	1966	224.00	224.00	64.87	64.87	46.58	46.60	1.96	SI
2 Piso	P3/A	Top	8243-Wy- Lcub	-1.34	0.21	0.90	2400	1967	2400	1967	224.00	224.00	64.70	64.70	46.62	46.60	-0.81	SI
2 Piso	P3/A	Bottom	8243-Wy- Lcub	-7.20	0.21	0.90	2400	1968	2400	1968	224.00	224.00	64.73	64.73	46.62	46.62	1.96	SI
2 Piso	P3/A	Top	8244-Wy+ Lcub	-1.78	0.21	0.90	2400	1969	2400	1969	224.00	224.00	64.76	64.76	46.66	46.66	-0.82	SI
2 Piso	P3/A	Bottom	8244-Wy+ Lcub	-9.00	0.21	0.90	2400	1970	2400	1970	224.00	224.00	64.80	64.80	46.71	46.67	2.18	SI
2 Piso	P3/A	Top	8244-Wy- Lcub	-1.78	0.21	0.90	2400	1971	2400	1971	224.00	224.00	64.83	64.83	46.66	46.68	-0.82	SI
2 Piso	P3/A	Bottom	8244-Wy- Lcub	-9.00	0.21	0.90	2400	1972	2400	1972	224.00	224.00	64.86	64.86	46.71	46.72	2.18	SI
2 Piso	P3/A	Top	8244-Wy+ Lcub	-1.78	0.21	0.90	2400	1973	2400	1973	224.00	224.00	64.90	64.90	46.76	46.74	-0.82	SI
2 Piso	P3/A	Bottom	8244-Wy+ Lcub	-9.00	0.21	0.90	2400	1974	2400	1974	224.00	224.00	64.93	64.93	46.76	46.76	2.18	SI
2 Piso	P3/A	Top	8244-Wy- Lcub	-1.78	0.21	0.90	2400	1975	2400	1975	224.00	224.00	64.96	64.96	46.81	46.79	-0.82	SI
2 Piso	P3/A	Bottom	8244-Wy- Lcub	-9.00	0.21	0.90	2400	1976	2400	1976	224.00	224.00	64.99	64.99	46.81	46.81	2.18	SI
2 Piso	P3/A	Top	8245-Ey+	-2.23	0.21	0.90	2400	1977	2400	1977	224.00	224.00	65.03	65.03	46.84	46.84	-0.73	SI
2 Piso	P3/A	Bottom	8245-Ey+	-11.47	0.21	0.90	2400	1978	2400	1978	224.00	224.00	65.06	65.06	46.88	46.86	2.15	SI
2 Piso	P3/A	Top	8245-Ey-	1.08	0.21	0.90	2400	1979	2400	1979	224.00	224.00	66.09	65.09	46.88	46.88	-0.77	SI
2 Piso	P3/A	Bottom	8245-Ey-	-5.27	0.21	0.90	2400	1980	2400	1980	224.00	224.00	65.13	65.13	46.87	46.91	2.16	SI
2 Piso	P3/A	Top	8245-Ey+	1.74	0.21	0.90	2400	1981	2400	1981	224.00	224.00	65.16	65.16	46.93	46.93	-0.87	SI
2 Piso	P3/A	Bottom	8245-Ey+	-8.44	0.21	0.90	2400	1982	2400	1982	224.00	224.00	65.19	65.19	46.94	46.95	2.07	SI
2 Piso	P3/A	Top	8246-Ey+	-1.55	0.21	0.90	2400	1983	2400	1983	224.00	224.00	65.22	65.22	46.96	46.96	-0.80	SI
2 Piso	P3/A	Bottom	8246-Ey+	-8.30	0.21	0.90	2400	1984	2400	1984	224.00	224.00	65.26	47.00	47.00	1.94	SI	
2 Piso	P3/A	Top	8246-Wy+	-0.99	0.21	0.90	2400	1985	2400	1985	224.00	224.00	65.29	65.29	47.00	47.03	-0.59	SI
2 Piso	P3/A	Bottom	8246-Wy+	-5.21	0.21	0.90	2400	1986	2400	1986	224.00	224.00	65.32	65.32	47.05	47.05	1.99	SI
2 Piso	P3/A	Top	8246-Wy-	-0.99	0.21	0.90	2400	1987	2400	1987	224.00	224.00	65.36	65.36	47.07	47.07	-0.59	SI
2 Piso	P3/A	Bottom	8246-Wy-	-5.21	0.21	0.90	2400	1988	2400	1988	224.00	224.00	65.39	65.39	47.10	47.10	1.99	SI
2 Piso	P3/A	Top	8246-Wy+	-0.99	0.21	0.90	2400	1989	2400	1989	224.00	224.00	65.42	65.42	47.12	47.12	-0.59	SI
2 Piso	P3/A	Bottom	8246-Wy+	-5.21	0.21	0.90	2400	1990	2400	1990	224.00	224.00	65.46	65.46	47.14	47.14	1.99	SI
2 Piso	P3/A	Top	8246-Wy-	-0.99	0.21	0.90	2400	1991	2400	1991	224.00	224.00	65.46	65.46	47.17	47.17	-0.59	SI
2 Piso	P3/A	Bottom	8246-Wy-	-5.21	0.21	0.90	2400	1992	2400	1992	224.00	224.00	65.52	65.52	47.19	47.19	1.99	SI
2 Piso	P3/A	Top	8247-Ey+	-2.55	0.21	0.90	2400	1993	2400	1993	224.00	224.00	65.55	65.55	47.21	47.21	-0.51	SI
2 Piso	P3/A	Bottom	8247-Ey+	-7.87	0.21	0.90	2400	1994	2400	1994	224.00	224.00	65.59	65.59	47.24	47.24	1.90	SI
2 Piso	P3/A	Top	8247-Ey-	-0.82	0.21	0.90	2400	1995	2400	1995	224.00	224.00	65.62	65.62	47.26	47.26	-0.58	SI
2 Piso	P3/A	Bottom	8247-Ey-	-1.66	0.21	0.90	2400	1996	2400	1996	224.00	224.00	65.65	65.65	47.28	47.28	1.95	SI
2 Piso	P3/A	Top	8247-Ey+	-0.07	0.21	0.90	2400	1997	2400	1997	224.00	224.00	65.66	65.68	47.31	47.31	-0.66	SI
2 Piso	P3/A	Bottom	8247-Ey+	-4.65	0.21	0.90	2400	1998	2400	1998	224.00	224.00	65.72	65.72	47.33	47.33	1.59	SI
2 Piso	P3/A	Top	8247-Ey-	-0.01	0.21	0.90	2400	1999	2400	1999	224.00	224.00	65.75	65.75	47.36	47.36	-0.41	SI
2 Piso	P3/A	Bottom	8247-Ey-	-4.70	0.21	0.90	2400	2000	2400	2000	224.00	224.00	65.78	65.78	47.38	47.38	1.18	SI
2 Piso	P3/A	Top	8242 D	-2.04	0.21	0.90	2400	2001	2400	2001	224.00	224.00	65.82	65.82	47.40	47.40	-0.83	SI
2 Piso	P3/A	Bottom	8242 D	-10.12	0.21	0.90	2400	2002	2400	2002	224.00	224.00	65.85	65.85	47.43	47.43	2.37	SI
2 Piso	P3/A	Top	8243-Wy- G	-1.45	0.21	0.90	2400	2003	2400	2003	224.00	224.00	65.88	65.88	47.45	47.45	-0.94	SI
2 Piso	P3/A	Bottom	8243-Wy- G	-8.34	0.21	0.90	2400	2004	2400	2004	224.00	224.00	65.92	65.92	47.48	47.48	1.88	SI
2 Piso	P3/A	Top	8243-Wy- G	-1.45	0.21	0.90	2400	2005	2400	2005	224.00	224.00	65.95	65.95	47.50	47.50	-0.94	SI
2 Piso	P3/A	Bottom	8243-Wy- G	-8.34	0.21	0.90	2400	2006	2400	2006	224.00	224.00	65.98	65.98	47.53	47.52	1.88	SI
2 Piso	P3/A	Top	8243-Wy+ G	-1.45	0.21	0.90	2400	2007	2400	2007	224.00	224.00	66.01	66.01	47.55	47.55	-0.94	SI
2 Piso	P3/A	Bottom	8243-Wy+ G	-8.34	0.21	0.90	2400	2008	2400	2008	224.00	224.00	66.05	66.05	47.57	47.57	1.88	SI
2 Piso	P3/A	Top	8243-Wy+ G	-1.45	0.21	0.90	2400	2009	2400	2009	224.00	224.00	66.08	66.08	47.59	47.59	-0.94	SI
2 Piso	P3/A	Bottom	8243-Wy+ G	-8.34	0.21	0.90	2400	2010	2400	2010	224.00	224.00	66.11	66.11	47.62	47.62	1.88	SI
2 Piso	P3/A	Top	8244-Wy- G	-1.81	0.21	0.90	2400	2011	2400	2011	224.00	224.00	66.15	66.15	47.64	47.64	-0.86	SI
2 Piso	P3/A	Bottom	8244-Wy- G	-9.36	0.21	0.90	2400	2012	2400	2012	224.00	224.00	66.18	66.18	47.67	47.67	2.10	SI
2 Piso	P3/A	Top	8244-Wy- G	-1.81	0.21	0.90	2400	2013	2400	2013	224.00	224.00	66.21	66.21	47.69	47.68	-0.86	SI
2 Piso	P3/A	Bottom	8244-Wy- G	-9.36	0.21	0.90	2400	2014	2400	2014	224.00	224.00	66.24	66.24	47.71	47.71	2.10	SI
2 Piso	P3/A	Top	8244-Wy+ G	-1.81	0.21	0.90	2400	2015	2400	2015	224.00	224.00	66.28	66.28	47.74	47.74	-0.86	SI
2 Piso	P3/A	Bottom	8244-Wy+ G	-8.30	0.21	0.90	2400	2016	2400	2016	224.00	224.00	66.31	66.31	47.76	47.76	2.19	SI
2 Piso	P3/A	Top	8244-Wy+ G	-1.81	0.21	0.90	2400	2017	2400	2017	224.00	224.00	66.34	66.34	47.79	47.78	-0.86	SI
2 Piso	P3/A	Bottom	8244-Wy+ G	-8.35	0.21	0.90	2400	2018	2400	2018	224.00	224.00	66.36	66.36	47.81	47.81	2.19	SI

STORY	MURO	LOC.	COMB	Py (ton)	Area ... (m²)	ϕ_v	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	øMn ext (ton-m)	øMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P3DB	Top	8245	-5.60	0.14	0.90	960	2019	860	2019	224.00	224.00	20.56	25.56	19.13	19.13	-0.43	SI
2 Piso	P3DB	Bottom	8245	-8.67	0.14	0.90	960	2020	960	2020	224.00	224.00	20.56	25.56	19.14	19.14	1.08	SI
2 Piso	P3DB	Top	B242 Lcub	-4.89	0.14	0.90	960	2021	860	2021	224.00	224.00	20.55	25.56	19.15	19.15	-0.37	SI
2 Piso	P3DB	Bottom	B242 Lcub	-8.05	0.14	0.90	960	2022	960	2022	224.00	224.00	20.60	25.60	19.18	19.18	1.99	SI
2 Piso	P3DB	Top	B243-Wx+ Lcub	-5.71	0.14	0.90	960	2023	960	2023	224.00	224.00	20.62	25.62	19.17	19.17	-0.49	SI
2 Piso	P3DB	Bottom	B243-Wx+ Lcub	-8.43	0.14	0.90	960	2024	960	2024	224.00	224.00	20.63	25.63	19.18	19.18	0.84	SI
2 Piso	P3DB	Top	B243-Wx+ Lcub	-5.71	0.14	0.90	960	2025	960	2025	224.00	224.00	20.64	25.64	19.18	19.18	-0.49	SI
2 Piso	P3DB	Bottom	B243-Wx+ Lcub	-8.43	0.14	0.90	960	2026	960	2026	224.00	224.00	20.66	25.66	19.20	19.20	0.84	SI
2 Piso	P3DB	Top	B243-Wx+ Lcub	-5.71	0.14	0.90	960	2027	960	2027	224.00	224.00	20.67	25.67	19.21	19.21	-0.49	SI
2 Piso	P3DB	Bottom	B243-Wx+ Lcub	-8.43	0.14	0.90	960	2028	960	2028	224.00	224.00	20.68	25.68	19.22	19.22	0.84	SI
2 Piso	P3DB	Top	B243-Wx+ Lcub	-5.71	0.14	0.90	960	2029	960	2029	224.00	224.00	20.70	25.70	19.23	19.23	-0.49	SI
2 Piso	P3DB	Bottom	B243-Wx+ Lcub	-8.43	0.14	0.90	960	2030	960	2030	224.00	224.00	20.71	25.71	19.24	19.24	0.84	SI
2 Piso	P3DB	Top	B244-Wx+ Lcub	-5.80	0.14	0.90	960	2031	960	2031	224.00	224.00	20.72	25.72	19.25	19.25	-0.45	SI
2 Piso	P3DB	Bottom	B244-Wx+ Lcub	-8.04	0.14	0.90	960	2032	960	2032	224.00	224.00	20.73	25.73	19.26	19.26	1.35	SI
2 Piso	P3DB	Top	B244-Wx+ Lcub	-5.80	0.14	0.90	960	2033	960	2033	224.00	224.00	20.75	25.75	19.27	19.27	-0.45	SI
2 Piso	P3DB	Bottom	B244-Wx+ Lcub	-8.04	0.14	0.90	960	2034	960	2034	224.00	224.00	20.76	25.76	19.27	19.27	1.35	SI
2 Piso	P3DB	Top	B244-Wx+ Lcub	-5.80	0.14	0.90	960	2035	960	2035	224.00	224.00	20.77	25.77	19.28	19.28	-0.45	SI
2 Piso	P3DB	Bottom	B244-Wx+ Lcub	-8.04	0.14	0.90	960	2036	960	2036	224.00	224.00	20.78	25.78	19.29	19.29	1.35	SI
2 Piso	P3DB	Top	B244-Wx+ Lcub	-5.80	0.14	0.90	960	2037	960	2037	224.00	224.00	20.80	25.80	19.30	19.30	-0.45	SI
2 Piso	P3DB	Bottom	B244-Wx+ Lcub	-8.04	0.14	0.90	960	2038	960	2038	224.00	224.00	20.81	25.81	19.31	19.31	1.35	SI
2 Piso	P3DB	Top	B245-Ex+	-4.08	0.14	0.90	960	2039	960	2039	224.00	224.00	20.83	25.83	19.32	19.32	-0.27	SI
2 Piso	P3DB	Bottom	B245-Ex+	-6.61	0.14	0.90	960	2040	960	2040	224.00	224.00	20.84	25.84	19.33	19.33	1.05	SI
2 Piso	P3DB	Top	B245-Ex+	-4.83	0.14	0.90	960	2041	960	2041	224.00	224.00	20.85	25.85	19.34	19.34	-0.44	SI
2 Piso	P3DB	Bottom	B245-Ex+	-8.46	0.14	0.90	960	2042	960	2042	224.00	224.00	20.87	25.87	19.35	19.35	1.33	SI
2 Piso	P3DB	Top	B245-Ex+	-4.55	0.14	0.90	960	2043	960	2043	224.00	224.00	20.88	25.88	19.36	19.36	-0.42	SI
2 Piso	P3DB	Bottom	B245-Ex+	-6.55	0.14	0.90	960	2044	960	2044	224.00	224.00	20.89	25.89	19.37	19.37	1.32	SI
2 Piso	P3DB	Top	B245-Ex+	-4.26	0.14	0.90	960	2045	960	2045	224.00	224.00	20.91	25.91	19.38	19.38	-0.29	SI
2 Piso	P3DB	Bottom	B245-Ex+	-8.50	0.14	0.90	960	2046	960	2046	224.00	224.00	20.92	25.92	19.39	19.39	1.25	SI
2 Piso	P3DB	Top	B246-Wx+	-4.61	0.14	0.90	960	2047	960	2047	224.00	224.00	20.93	25.93	19.40	19.40	-0.34	SI
2 Piso	P3DB	Bottom	B246-Wx+	-6.62	0.14	0.90	960	2048	960	2048	224.00	224.00	20.95	25.95	19.41	19.41	0.70	SI
2 Piso	P3DB	Top	B246-Wx+	-4.61	0.14	0.90	960	2049	960	2049	224.00	224.00	20.96	25.96	19.42	19.42	-0.34	SI
2 Piso	P3DB	Bottom	B246-Wx+	-6.62	0.14	0.90	960	2050	960	2050	224.00	224.00	20.97	25.97	19.43	19.43	0.70	SI
2 Piso	P3DB	Top	B246-Wx+	-4.61	0.14	0.90	960	2051	960	2051	224.00	224.00	20.98	25.98	19.44	19.44	-0.34	SI
2 Piso	P3DB	Bottom	B246-Wx+	-6.62	0.14	0.90	960	2052	960	2052	224.00	224.00	27.00	27.00	19.45	19.45	0.70	SI
2 Piso	P3DB	Top	B246-Wx+	-4.61	0.14	0.90	960	2053	960	2053	224.00	224.00	27.01	27.01	19.45	19.45	-0.34	SI
2 Piso	P3DB	Bottom	B246-Wx+	-6.62	0.14	0.90	960	2054	960	2054	224.00	224.00	27.02	27.02	19.46	19.46	0.70	SI
2 Piso	P3DB	Top	B247-Ex+	-3.72	0.14	0.90	960	2055	960	2055	224.00	224.00	27.04	27.04	19.47	19.47	-0.18	SI
2 Piso	P3DB	Bottom	B247-Ex+	-4.65	0.14	0.90	960	2056	960	2056	224.00	224.00	27.05	27.05	19.48	19.48	0.71	SI
2 Piso	P3DB	Top	B247-Ex+	-3.97	0.14	0.90	960	2057	960	2057	224.00	224.00	27.06	27.06	19.48	19.48	-0.38	SI
2 Piso	P3DB	Bottom	B247-Ex+	-6.48	0.14	0.90	960	2058	960	2058	224.00	224.00	27.08	27.08	19.50	19.50	0.68	SI
2 Piso	P3DB	Top	B247-Ex+	-3.79	0.14	0.90	960	2059	960	2059	224.00	224.00	27.09	27.09	19.51	19.51	-0.34	SI
2 Piso	P3DB	Bottom	B247-Ex+	-4.58	0.14	0.90	960	2060	960	2060	224.00	224.00	27.10	27.10	19.52	19.52	0.75	SI
2 Piso	P3DB	Top	B247-Ex+	-3.50	0.14	0.90	960	2061	960	2061	224.00	224.00	27.12	27.12	19.53	19.53	-0.31	SI
2 Piso	P3DB	Bottom	B247-Ex+	-6.55	0.14	0.90	960	2062	960	2062	224.00	224.00	27.13	27.13	19.54	19.54	0.69	SI
2 Piso	P3DB	Top	B242 G	-5.51	0.14	0.90	960	2063	960	2063	224.00	224.00	27.14	27.14	19.55	19.55	-0.43	SI
2 Piso	P3DB	Bottom	B242 G	-8.00	0.14	0.90	960	2064	960	2064	224.00	224.00	27.16	27.16	19.56	19.56	1.80	SI
2 Piso	P3DB	Top	B243-Wx-G	-9.04	0.14	0.90	960	2065	960	2065	224.00	224.00	27.17	27.17	19.57	19.57	-0.87	SI
2 Piso	P3DB	Bottom	B243-Wx-G	-12.17	0.14	0.90	960	2066	960	2066	224.00	224.00	27.18	27.18	19.58	19.58	0.96	SI
2 Piso	P3DB	Top	B243-Wx-G	-9.04	0.14	0.90	960	2067	960	2067	224.00	224.00	27.20	27.20	19.59	19.59	-0.87	SI
2 Piso	P3DB	Bottom	B243-Wx-G	-12.17	0.14	0.90	960	2068	960	2068	224.00	224.00	27.21	27.21	19.60	19.60	0.96	SI
2 Piso	P3DB	Top	B243-Wx-G	-9.04	0.14	0.90	960	2069	960	2069	224.00	224.00	27.22	27.22	19.61	19.61	-0.87	SI
2 Piso	P3DB	Bottom	B243-Wx-G	-12.17	0.14	0.90	960	2070	960	2070	224.00	224.00	27.23	27.23	19.62	19.62	0.96	SI
2 Piso	P3DB	Top	B243-Wx-G	-9.04	0.14	0.90	960	2071	960	2071	224.00	224.00	27.25	27.25	19.63	19.63	-0.87	SI
2 Piso	P3DB	Bottom	B243-Wx-G	-12.17	0.14	0.90	960	2072	960	2072	224.00	224.00	27.26	27.26	19.63	19.63	0.96	SI

STORY	MURO	LOC.	COMB	P-s [kon]	Area ext (m²)	Rₙ	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	MZZ (ton-m)	Cumple
2 Piso	P32B	Top	B244-Wx- G	-6.72	0.14	0.9C	960	2073	960	2073	224.00	224.00	27.27	27.27	19.64	19.64	-0.50	SI
2 Piso	P32B	Bottom	B244-Wx- G	-9.90	0.14	0.9C	960	2074	960	2074	224.00	224.00	27.29	27.29	19.65	19.65	1.36	SI
2 Piso	P32B	Top	B244-Wx+ G	-6.72	0.14	0.9C	960	2075	960	2075	224.00	224.00	27.30	27.30	19.66	19.66	-0.50	SI
2 Piso	P32B	Bottom	B244-Wx+ G	-9.90	0.14	0.9C	960	2076	960	2076	224.00	224.00	27.31	27.31	19.67	19.67	1.36	SI
2 Piso	P32B	Top	B244-Wy- G	-6.77	0.14	0.9C	960	2077	960	2077	224.00	224.00	27.33	27.33	19.68	19.68	-0.50	SI
2 Piso	P32B	Bottom	B244-Wy- G	-9.90	0.14	0.9C	960	2078	960	2078	224.00	224.00	27.34	27.34	19.69	19.69	1.36	SI
2 Piso	P32B	Top	B244-Wy+ G	-6.72	0.14	0.9C	960	2079	960	2079	224.00	224.00	27.35	27.35	19.70	19.70	-0.50	SI
2 Piso	P32B	Bottom	B244-Wy+ G	-9.90	0.14	0.9C	960	2080	960	2080	224.00	224.00	27.37	27.37	19.71	19.71	1.36	SI
2 Piso	P33	Top	B241	-7.45	0.77	0.9C	2880	2081	2880	2081	274.00	274.00	100.47	100.47	74.8	74.97	0.75	SI
2 Piso	P33	Bottom	B241	-19.32	0.77	0.9C	2880	2082	2880	2082	274.00	274.00	100.52	100.52	75.0	75.01	-4.77	SI
2 Piso	P33	Top	B242 Lcub	-5.09	0.77	0.9C	2880	2083	2880	2083	274.00	274.00	100.57	100.57	75.04	75.04	0.71	SI
2 Piso	P33	Bottom	B242 Lcub	-18.74	0.77	0.9C	2880	2084	2880	2084	274.00	274.00	100.62	100.62	75.08	75.08	-5.08	SI
2 Piso	P33	Top	B243-Wx+ Lcub	-8.64	0.77	0.9C	2880	2085	2880	2085	274.00	274.00	100.67	100.67	75.12	75.12	0.88	SI
2 Piso	P33	Bottom	B243-Wx+ Lcub	-19.83	0.77	0.9C	2880	2086	2880	2086	274.00	274.00	100.71	100.71	75.15	75.15	-4.13	SI
2 Piso	P33	Top	B243-Wx- Lcub	-8.64	0.77	0.9C	2880	2087	2880	2087	274.00	274.00	100.76	100.76	75.19	75.19	0.88	SI
2 Piso	P33	Bottom	B243-Wx- Lcub	-19.83	0.77	0.9C	2880	2088	2880	2088	274.00	274.00	100.81	100.81	75.22	75.22	-4.13	SI
2 Piso	P33	Top	B249-Wy+ Lcub	-8.64	0.77	0.9C	2880	2089	2880	2089	274.00	274.00	100.86	100.86	75.26	75.26	0.88	SI
2 Piso	P33	Bottom	B249-Wy+ Lcub	-19.83	0.77	0.9C	2880	2090	2880	2090	274.00	274.00	100.91	100.91	75.30	75.30	-4.13	SI
2 Piso	P33	Top	B249-Wy- Lcub	-8.64	0.77	0.9C	2880	2091	2880	2091	274.00	274.00	100.95	100.95	75.33	75.33	0.88	SI
2 Piso	P33	Bottom	B249-Wy- Lcub	-18.83	0.77	0.9C	2880	2092	2880	2092	274.00	274.00	101.00	101.00	75.37	75.37	-4.13	SI
2 Piso	P33	Top	B244-Wx+ Lcub	-8.15	0.77	0.9C	2880	2093	2880	2093	274.00	274.00	101.05	101.05	75.40	75.40	0.83	SI
2 Piso	P33	Bottom	B244-Wx+ Lcub	-18.81	0.77	0.9C	2880	2094	2880	2094	274.00	274.00	101.10	101.10	75.44	75.44	-5.12	SI
2 Piso	P33	Top	B244-Wx- Lcub	-8.15	0.77	0.9C	2880	2095	2880	2095	274.00	274.00	101.15	101.15	75.48	75.48	0.83	SI
2 Piso	P33	Bottom	B244-Wx- Lcub	-18.81	0.77	0.9C	2880	2096	2880	2096	274.00	274.00	101.20	101.20	75.51	75.51	-5.12	SI
2 Piso	P33	Top	B244-Wy+ Lcub	-8.15	0.77	0.9C	2880	2097	2880	2097	274.00	274.00	101.24	101.24	75.55	75.55	0.83	SI
2 Piso	P33	Bottom	B244-Wy+ Lcub	-18.81	0.77	0.9C	2880	2098	2880	2098	274.00	274.00	101.29	101.29	75.58	75.58	-5.12	SI
2 Piso	P33	Top	B244-Wy- Lcub	-8.15	0.77	0.9C	2880	2099	2880	2099	274.00	274.00	101.34	101.34	75.62	75.62	0.83	SI
2 Piso	P33	Bottom	B244-Wy- Lcub	-18.81	0.77	0.9C	2880	2100	2880	2100	274.00	274.00	101.39	101.39	75.66	75.66	-5.12	SI
2 Piso	P33	Top	B245-Ex+	-7.22	0.77	0.9C	2880	2101	2880	2101	274.00	274.00	101.44	101.44	75.69	75.69	0.71	SI
2 Piso	P33	Bottom	B245-Ex+	-16.96	0.77	0.9C	2880	2102	2880	2102	274.00	274.00	101.49	101.49	75.73	75.73	-4.58	SI
2 Piso	P33	Top	B245-Ex-	-5.62	0.77	0.9C	2880	2103	2880	2103	274.00	274.00	101.53	101.53	75.76	75.76	0.59	SI
2 Piso	P33	Bottom	B245-Ex-	-18.01	0.77	0.9C	2880	2104	2880	2104	274.00	274.00	101.58	101.58	75.80	75.80	-5.21	SI
2 Piso	P33	Top	B245-Ey+	-8.24	0.77	0.9C	2880	2105	2880	2105	274.00	274.00	101.63	101.63	75.84	75.84	0.95	SI
2 Piso	P33	Bottom	B245-Ey+	-18.65	0.77	0.9C	2880	2106	2880	2106	274.00	274.00	101.68	101.68	75.87	75.87	-4.77	SI
2 Piso	P33	Top	B245-Ey-	-6.64	0.77	0.9C	2880	2107	2880	2107	274.00	274.00	101.73	101.73	75.91	75.91	0.74	SI
2 Piso	P33	Bottom	B245-Ey-	-16.91	0.77	0.9C	2880	2108	2880	2108	274.00	274.00	101.78	101.78	75.94	75.94	-5.40	SI
2 Piso	P33	Top	B246-Wx+	-5.88	0.77	0.9C	2880	2109	2880	2109	274.00	274.00	101.82	101.82	75.98	75.98	0.61	SI
2 Piso	P33	Bottom	B246-Wx+	-14.03	0.77	0.9C	2880	2110	2880	2110	274.00	274.00	101.87	101.87	76.01	76.02	-3.09	SI
2 Piso	P33	Top	B246-Wx-	-5.88	0.77	0.9C	2880	2111	2880	2111	274.00	274.00	101.92	101.92	76.05	76.05	0.61	SI
2 Piso	P33	Bottom	B246-Wx-	-14.03	0.77	0.9C	2880	2112	2880	2112	274.00	274.00	101.97	101.97	76.09	76.09	-3.09	SI
2 Piso	P33	Top	B246-Wy+	-5.88	0.77	0.9C	2880	2113	2880	2113	274.00	274.00	102.02	102.02	76.13	76.13	0.01	SI
2 Piso	P33	Bottom	B246-Wy+	-14.03	0.77	0.9C	2880	2114	2880	2114	274.00	274.00	102.07	102.07	76.16	76.16	-3.09	SI
2 Piso	P33	Top	B246-Wy-	-5.88	0.77	0.9C	2880	2115	2880	2115	274.00	274.00	102.11	102.11	76.20	76.20	0.61	SI
2 Piso	P33	Bottom	B246-Wy-	-14.03	0.77	0.9C	2880	2116	2880	2116	274.00	274.00	102.16	102.16	76.23	76.23	-3.09	SI
2 Piso	P33	Top	B247-Ex+	-5.67	0.77	0.9C	2880	2117	2880	2117	274.00	274.00	102.21	102.21	76.27	76.27	0.54	SI
2 Piso	P33	Bottom	B247-Ex+	-11.89	0.77	0.9C	2880	2118	2880	2118	274.00	274.00	102.26	102.26	76.30	76.30	-2.84	SI
2 Piso	P33	Top	B247-Ex-	3.91	0.77	0.9C	2880	2119	2880	2119	274.00	274.00	102.31	102.31	76.34	76.34	0.42	SI
2 Piso	P33	Bottom	B247-Ex-	-12.04	0.77	0.9C	2880	2120	2880	2120	274.00	274.00	102.36	102.36	76.37	76.38	-3.19	SI
2 Piso	P33	Top	B247-Ey+	4.53	0.77	0.9C	2880	2121	2880	2121	274.00	274.00	102.40	102.40	76.41	76.41	0.30	SI
2 Piso	P33	Bottom	B247-Ey+	-13.58	0.77	0.9C	2880	2122	2880	2122	274.00	274.00	102.45	102.45	76.45	76.45	-2.75	SI
2 Piso	P33	Top	B247-Ey-	4.83	0.77	0.9C	2880	2123	2880	2123	274.00	274.00	102.50	102.50	76.48	76.48	0.69	SI
2 Piso	P33	Bottom	B247-Ey-	-11.25	0.77	0.9C	2880	2124	2880	2124	274.00	274.00	102.55	102.55	76.52	76.52	-2.38	SI
2 Piso	P33	Top	B242 G	-7.95	0.77	0.9C	2880	2125	2880	2125	274.00	274.00	102.60	102.60	76.56	76.56	0.81	SI
2 Piso	P33	Bottom	B242 G	-20.06	0.77	0.9C	2880	2126	2880	2126	274.00	274.00	102.64	102.64	76.59	76.59	-5.71	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área Ec. (m²)	R	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P33	Top	B243-Wx- G	-11.73	0.77	0.83	2850	2127	2880	2127	274.00	274.00	102.69	102.69	76.65	76.65	1.21	SI
2 Piso	P33	Bottom	B243-Wx- G	-23.83	0.77	0.93	2890	2128	2880	2128	274.00	274.00	102.74	102.74	76.69	76.66	-4.18	SI
2 Piso	P33	Top	B243-Wy- G	-11.73	0.77	0.83	2850	2129	2880	2129	274.00	274.00	102.78	102.78	76.70	76.70	1.21	SI
2 Piso	P33	Bottom	B243-Wy- G	-23.83	0.77	0.93	2850	2130	2880	2130	274.00	274.00	102.84	102.84	76.74	76.74	-4.18	SI
2 Piso	P33	Top	B243-Wx+ G	-11.73	0.77	0.83	2850	2131	2880	2131	274.00	274.00	102.89	102.89	76.77	76.77	1.21	SI
2 Piso	P33	Bottom	B243-Wx+ G	-23.83	0.77	0.93	2850	2132	2880	2132	274.00	274.00	102.93	102.93	76.80	76.81	-4.18	SI
2 Piso	P33	Top	B243-Wy+ G	-11.73	0.77	0.83	2850	2133	2880	2133	274.00	274.00	102.94	102.94	76.84	76.84	1.21	SI
2 Piso	P33	Bottom	B243-Wy+ G	-23.83	0.77	0.93	2850	2134	2880	2134	274.00	274.00	103.03	103.03	76.91	76.88	-4.18	SI
2 Piso	P33	Top	B244-Wx- G	-9.1'	0.77	0.99	2880	2135	2880	2135	274.00	274.00	103.03	103.08	76.92	76.92	0.93	SI
2 Piso	P33	Bottom	B244-Wx- G	-21.12	0.77	0.99	2880	2136	2880	2136	274.00	274.00	103.13	103.13	76.99	76.96	-5.13	SI
2 Piso	P33	Top	B244-Wx+ G	-9.1'	0.77	0.99	2880	2137	2880	2137	274.00	274.00	103.14	103.18	76.99	76.96	0.93	SI
2 Piso	P33	Bottom	B244-Wx+ G	-21.12	0.77	0.99	2880	2138	2880	2138	274.00	274.00	103.23	103.23	77.05	77.02	-5.13	SI
2 Piso	P33	Top	B244-Wy- G	9.1'	0.77	0.99	2880	2139	2880	2139	274.00	274.00	103.27	103.27	77.08	77.06	0.93	SI
2 Piso	P33	Bottom	B244-Wy- G	-21.12	0.77	0.99	2880	2140	2880	2140	274.00	274.00	103.37	103.37	77.16	77.15	-5.13	SI
2 Piso	P33	Top	B244-Wy+ G	9.1'	0.77	0.99	2880	2141	2880	2141	274.00	274.00	103.37	103.37	77.16	77.15	0.93	SI
2 Piso	P33	Bottom	B244-Wy+ G	-21.12	0.77	0.99	2880	2142	2880	2142	274.00	274.00	103.43	103.43	77.21	77.17	-5.13	SI
2 Piso	P35	Top	B241	-1.95	0.12	0.95	960	2143	960	2143	274.00	274.00	34.49	34.49	25.73	25.73	0.26	SI
2 Piso	P35	Bottom	B241	-3.29	0.12	0.95	960	2144	960	2144	274.00	274.00	34.55	34.55	25.78	25.78	-0.42	SI
2 Piso	P35	Top	B242 Lcub	-1.75	0.12	0.93	960	2145	960	2145	274.00	274.00	34.52	34.52	25.76	25.76	0.20	SI
2 Piso	P35	Bottom	B242 Lcub	-3.22	0.12	0.95	960	2146	960	2146	274.00	274.00	34.54	34.54	25.77	25.77	-0.17	SI
2 Piso	P35	Top	B243-Wx+ Lcub	-2.36	0.12	0.97	960	2147	960	2147	274.00	274.00	34.55	34.55	25.78	25.78	0.25	SI
2 Piso	P35	Bottom	B243-Wx+ Lcub	-3.58	0.12	0.97	960	2148	960	2148	274.00	274.00	34.57	34.57	25.79	25.79	-0.42	SI
2 Piso	P35	Top	B243-Wx- Lcub	-2.36	0.12	0.97	960	2149	960	2149	274.00	274.00	34.58	34.59	25.81	25.81	0.25	SI
2 Piso	P35	Bottom	B243-Wx- Lcub	-3.58	0.12	0.97	960	2150	960	2150	274.00	274.00	34.60	34.60	25.82	25.82	-0.42	SI
2 Piso	P35	Top	B243-Wy+ Lcub	-2.36	0.12	0.97	960	2151	960	2151	274.00	274.00	34.62	34.62	25.83	25.83	0.25	SI
2 Piso	P35	Bottom	B243-Wy+ Lcub	-3.58	0.12	0.97	960	2152	960	2152	274.00	274.00	34.63	34.63	25.84	25.84	-0.42	SI
2 Piso	P35	Top	B243-Wy- Lcub	-2.36	0.12	0.97	960	2153	960	2153	274.00	274.00	34.65	34.65	25.86	25.86	0.25	SI
2 Piso	P35	Bottom	B243-Wy- Lcub	-3.58	0.12	0.97	960	2154	960	2154	274.00	274.00	34.67	34.67	25.87	25.87	-0.42	SI
2 Piso	P35	Top	B244-Wx+ Lcub	-2.13	0.12	0.97	960	2155	960	2155	274.00	274.00	34.68	34.68	25.88	25.88	0.25	SI
2 Piso	P35	Bottom	B244-Wx+ Lcub	-3.01	0.12	0.97	960	2156	960	2155	274.00	274.00	34.70	34.70	25.89	25.89	-0.27	SI
2 Piso	P35	Top	B244-Wx- Lcub	-2.13	0.12	0.97	960	2157	960	2157	274.00	274.00	34.71	34.71	25.90	25.90	0.25	SI
2 Piso	P35	Bottom	B244-Wx- Lcub	-3.01	0.12	0.97	960	2158	960	2158	274.00	274.00	34.73	34.73	25.91	25.92	-0.27	SI
2 Piso	P35	Top	B244-Wy+ Lcub	-2.13	0.12	0.97	960	2159	960	2159	274.00	274.00	34.75	34.75	25.93	25.93	0.25	SI
2 Piso	P35	Bottom	B244-Wy+ Lcub	-3.01	0.12	0.97	960	2160	960	2160	274.00	274.00	34.76	34.76	25.94	25.94	-0.27	SI
2 Piso	P35	Top	B244-Wy- Lcub	-2.13	0.12	0.97	960	2161	960	2161	274.00	274.00	34.78	34.78	25.95	25.95	0.25	SI
2 Piso	P35	Bottom	B244-Wy- Lcub	-3.01	0.12	0.97	960	2162	960	2162	274.00	274.00	34.79	34.79	25.96	25.96	-0.27	SI
2 Piso	P35	Top	B245-Ex+	-1.82	0.12	0.93	960	2163	960	2163	274.00	274.00	34.81	34.81	25.98	25.98	0.21	SI
2 Piso	P35	Bottom	B245-Ex+	-3.12	0.12	0.93	960	2164	960	2164	274.00	274.00	34.83	34.83	25.99	25.99	-0.29	SI
2 Piso	P35	Top	B245-Ex-	-1.46	0.12	0.95	960	2165	960	2165	274.00	274.00	34.84	34.84	26.00	26.00	0.23	SI
2 Piso	P35	Bottom	B245-Ex-	-1.04	0.12	0.93	960	2166	960	2166	274.00	274.00	34.86	34.86	26.01	26.01	-0.29	SI
2 Piso	P35	Top	B245-Ey+	-1.70	0.12	0.97	960	2167	960	2167	274.00	274.00	34.87	34.87	26.02	26.02	0.10	SI
2 Piso	P35	Bottom	B245-Ey+	-2.38	0.12	0.93	960	2168	960	2168	274.00	274.00	34.89	34.89	26.04	26.04	-0.04	SI
2 Piso	P35	Top	B245-Ey-	-1.58	0.12	0.93	960	2169	960	2169	274.00	274.00	34.91	34.91	26.05	26.05	0.04	SI
2 Piso	P35	Bottom	B245-Ey-	-2.28	0.12	0.95	960	2170	960	2170	274.00	274.00	34.92	34.92	26.06	26.06	-0.47	SI
2 Piso	P35	Top	B246-Wx+	-1.82	0.12	0.93	960	2171	960	2171	274.00	274.00	34.94	34.94	26.07	26.07	0.16	SI
2 Piso	P35	Bottom	B246-Wx+	-2.51	0.12	0.95	960	2172	960	2172	274.00	274.00	34.96	34.95	26.08	26.08	-0.31	SI
2 Piso	P35	Top	B246-Wx-	-1.62	0.12	0.93	960	2173	960	2173	274.00	274.00	34.97	34.97	26.10	26.10	0.18	SI
2 Piso	P35	Bottom	B246-Wx-	-2.51	0.12	0.95	960	2174	960	2174	274.00	274.00	34.98	34.98	26.11	26.11	-0.31	SI
2 Piso	P35	Top	B246-Wy+	-1.62	0.12	0.93	960	2175	960	2175	274.00	274.00	35.00	35.00	26.12	26.12	0.18	SI
2 Piso	P35	Bottom	B246-Wy+	-2.51	0.12	0.95	960	2176	960	2176	274.00	274.00	35.02	35.02	26.13	26.13	-0.31	SI
2 Piso	P35	Top	B246-Wy-	-1.62	0.12	0.93	960	2177	960	2177	274.00	274.00	35.04	35.04	26.14	26.14	0.18	SI
2 Piso	P35	Bottom	B246-Wy-	-2.51	0.12	0.95	960	2178	960	2178	274.00	274.00	35.05	35.05	26.16	26.16	-0.31	SI
2 Piso	P35	Top	B247-Ex+	-1.46	0.12	0.93	960	2179	960	2179	274.00	274.00	35.07	35.07	26.17	26.17	0.15	SI
2 Piso	P35	Bottom	B247-Ex+	-2.90	0.12	0.95	960	2180	960	2180	274.00	274.00	35.08	35.08	26.18	26.18	-0.27	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area sec. (m²)	t_w	As ext (cm²)	As ext (cm²/m)	As int (cm²)	fy int (Mpa)	s ext (cm)	s int (cm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M/ΦMn	Cumple
2 Piso	P10	Top	B243-Wy - G	-8.00	2.19	0.9m	4320	83	2.30	931	294.0	29cm	64.57	64.57	48.60	48.60	-0.30	SI
2 Piso	P10	Bottom	B243-Wy - G	-10.90	2.19	0.9m	4320	83	2.30	932	294.0	29cm	64.65	64.65	48.66	48.66	1.05	SI
2 Piso	P10	Top	B244-Wx- G	-6.66	2.19	0.9m	4320	83	2.30	933	294.0	29cm	64.73	64.73	48.72	48.72	-0.27	SI
2 Piso	P10	Bottom	B244-Wx- G	-28.28	2.19	0.9m	4320	83	2.30	934	294.0	29cm	64.81	64.81	48.78	48.81	2.44	SI
2 Piso	P10	Top	B244-Wx+ G	-6.66	2.19	0.9m	4320	83	2.30	935	294.0	29cm	64.89	64.89	48.84	48.87	-2.77	SI
2 Piso	P10	Bottom	B244-Wx+ G	-28.28	2.19	0.9m	4320	83	2.30	936	294.0	29cm	64.96	64.96	48.90	48.83	2.44	SI
2 Piso	P10	Top	B244-Wy- G	-6.66	2.19	0.9m	4320	83	2.30	937	294.0	29cm	65.04	65.04	48.96	48.98	-2.77	SI
2 Piso	P10	Bottom	B244-Wy- G	-28.28	2.19	0.9m	4320	83	2.30	938	294.0	29cm	65.12	65.12	49.04	49.04	2.44	SI
2 Piso	P10	Top	B244-Wy+ G	-6.66	2.19	0.9m	4320	83	2.30	939	294.0	29cm	65.20	65.20	49.10	49.10	-2.77	SI
2 Piso	P10	Bottom	B244-Wy+ G	-28.28	2.19	0.9m	4320	83	2.30	940	294.0	29cm	65.27	65.27	49.16	49.16	2.44	SI
2 Piso	P11A	Top	B2 (1	-7.52	0.02	0.9m	2400	83	2.30	941	294.0	29cm	35.31	35.31	27.34	27.34	0.18	SI
2 Piso	P11A	Bottom	B2 (1	-15.80	0.02	0.9m	2400	83	2.30	942	294.0	29cm	35.26	35.26	27.30	27.30	-0.55	SI
2 Piso	P11A	Top	B242 .oub	-2.24	0.02	0.9m	2400	83	2.30	943	294.0	29cm	35.39	35.39	27.41	27.41	0.05	SI
2 Piso	P11A	Bottom	B242 .oub	-10.80	0.02	0.9m	2400	83	2.30	944	294.0	29cm	35.44	35.44	27.44	27.44	-1.20	SI
2 Piso	P11A	Top	B243-Wx+ .oub	-2.59	0.02	0.9m	2400	84	2.30	945	294.0	29cm	35.48	35.48	27.47	27.47	0.11	SI
2 Piso	P11A	Bottom	B243-Wx+ .oub	-14.71	0.02	0.9m	2400	84	2.30	946	294.0	29cm	35.52	35.52	27.51	27.51	-0.59	SI
2 Piso	P11A	Top	B243-Wy- .oub	-2.59	0.02	0.9m	2400	84	2.30	947	294.0	29cm	35.57	35.57	27.54	27.54	0.11	SI
2 Piso	P11A	Bottom	B243-Wy- .oub	-14.71	0.02	0.9m	2400	84	2.30	948	294.0	29cm	35.61	35.61	27.57	27.57	-0.58	SI
2 Piso	P11A	Top	B243-Wy+ .oub	-2.59	0.02	0.9m	2400	84	2.30	949	294.0	29cm	35.65	35.65	27.60	27.60	0.11	SI
2 Piso	P11A	Bottom	B243-Wy+ .oub	-14.71	0.02	0.9m	2400	85	2.30	950	294.0	29cm	35.70	35.70	27.64	27.64	-0.58	SI
2 Piso	P11A	Top	B243-Wy+ .oub	-2.59	0.02	0.9m	2400	85	2.30	951	294.0	29cm	35.74	35.74	27.67	27.67	0.11	SI
2 Piso	P11A	Bottom	B243-Wy+ .oub	-14.71	0.02	0.9m	2400	85	2.30	952	294.0	29cm	35.78	35.78	27.70	27.70	-0.59	SI
2 Piso	P11A	Top	B244-Wx+ .oub	-2.47	0.02	0.9m	2400	85	2.30	953	294.0	29cm	35.82	35.82	27.73	27.73	0.09	SI
2 Piso	P11A	Bottom	B244-Wx+ .oub	-14.66	0.02	0.9m	2400	85	2.30	954	294.0	29cm	35.87	35.87	27.77	27.77	-1.03	SI
2 Piso	P11A	Top	B244-Wx- .oub	-2.47	0.02	0.9m	2400	85	2.30	955	294.0	29cm	35.91	35.91	27.80	27.80	0.09	SI
2 Piso	P11A	Bottom	B244-Wx- .oub	-14.66	0.02	0.9m	2400	85	2.30	956	294.0	29cm	35.96	35.96	27.83	27.83	-1.03	SI
2 Piso	P11A	Top	B244-Wy+ .oub	-2.47	0.02	0.9m	2400	85	2.30	957	294.0	29cm	37.00	37.00	27.86	27.86	0.09	SI
2 Piso	P11A	Bottom	B244-Wy+ .oub	-14.66	0.02	0.9m	2400	85	2.30	958	294.0	29cm	37.04	37.04	27.90	27.90	-1.03	SI
2 Piso	P11A	Top	B244-Wy- .oub	-2.47	0.02	0.9m	2400	85	2.30	959	294.0	29cm	37.08	37.08	27.93	27.93	0.09	SI
2 Piso	P11A	Bottom	B244-Wy- .oub	-14.66	0.02	0.9m	2400	86	2.30	960	294.0	29cm	37.13	37.13	27.96	27.96	-1.03	SI
2 Piso	P11A	Top	B245 Ex+	-2.20	0.02	0.9m	2400	86	2.30	961	294.0	29cm	37.17	37.17	27.99	27.99	0.08	SI
2 Piso	P11A	Bottom	B245 Ex+	-13.35	0.02	0.9m	2400	86	2.30	962	294.0	29cm	37.21	37.21	28.03	28.03	-1.34	SI
2 Piso	P11A	Top	B245 Ex-	-2.06	0.02	0.9m	2400	86	2.30	963	294.0	29cm	37.26	37.26	28.06	28.06	0.08	SI
2 Piso	P11A	Bottom	B245 Ex-	-13.79	0.02	0.9m	2400	86	2.30	964	294.0	29cm	37.30	37.30	28.09	28.09	-0.58	SI
2 Piso	P11A	Top	B245 Ex+	-2.24	0.02	0.9m	2400	86	2.30	965	294.0	29cm	37.34	37.34	28.12	28.12	0.15	SI
2 Piso	P11A	Bottom	B245 Ex+	-15.80	0.02	0.9m	2400	86	2.30	966	294.0	29cm	37.39	37.39	28.16	28.16	-1.11	SI
2 Piso	P11A	Top	B245 Ex-	-2.05	0.02	0.9m	2400	86	2.30	967	294.0	29cm	37.43	37.43	28.19	28.19	0.07	SI
2 Piso	P11A	Bottom	B245 Ex-	-11.36	0.02	0.9m	2400	86	2.30	968	294.0	29cm	37.47	37.47	28.22	28.22	-1.11	SI
2 Piso	P11A	Top	B245 Wx+	-1.85	0.02	0.9m	2400	86	2.30	969	294.0	29cm	37.52	37.52	28.25	28.25	0.10	SI
2 Piso	P11A	Bottom	B245 Wx+	-10.78	0.02	0.9m	2400	87	2.30	970	294.0	29cm	37.56	37.56	28.29	28.29	-0.43	SI
2 Piso	P11A	Top	B245 Wx-	-1.85	0.02	0.9m	2400	87	2.30	971	294.0	29cm	37.60	37.60	28.32	28.32	0.10	SI
2 Piso	P11A	Bottom	B245 Wx-	-10.78	0.02	0.9m	2400	87	2.30	972	294.0	29cm	37.64	37.64	28.35	28.35	-0.43	SI
2 Piso	P11A	Top	B246 Wx+	-1.85	0.02	0.9m	2400	87	2.30	973	294.0	29cm	37.69	37.69	28.38	28.38	0.10	SI
2 Piso	P11A	Bottom	B246 Wx+	-10.78	0.02	0.9m	2400	87	2.30	974	294.0	29cm	37.73	37.73	28.42	28.42	-0.43	SI
2 Piso	P11A	Top	B246 Wx-	-1.85	0.02	0.9m	2400	87	2.30	975	294.0	29cm	37.77	37.77	28.45	28.45	0.10	SI
2 Piso	P11A	Bottom	B246 Wx-	-10.78	0.02	0.9m	2400	87	2.30	976	294.0	29cm	37.82	37.82	28.48	28.48	-0.43	SI
2 Piso	P11A	Top	B247 Ex+	-1.68	0.02	0.9m	2400	87	2.30	977	294.0	29cm	37.86	37.86	28.51	28.51	0.11	SI
2 Piso	P11A	Bottom	B247 Ex+	-9.26	0.02	0.9m	2400	87	2.30	978	294.0	29cm	37.90	37.90	28.55	28.55	-0.75	SI
2 Piso	P11A	Top	B247 Ex-	1.56	0.02	0.9m	2400	87	2.30	979	294.0	29cm	37.95	37.95	28.58	28.58	0.12	SI
2 Piso	P11A	Bottom	B247 Ex-	-10.57	0.02	0.9m	2400	88	2.30	980	294.0	29cm	37.99	37.99	28.61	28.61	-0.50	SI
2 Piso	P11A	Top	B247 Ex+	1.71	0.02	0.9m	2400	88	2.30	981	294.0	29cm	38.03	38.03	28.64	28.64	0.49	SI
2 Piso	P11A	Bottom	B247 Ex+	-12.21	0.02	0.9m	2400	88	2.30	982	294.0	29cm	38.08	38.08	28.68	28.68	-0.57	SI
2 Piso	P11A	Top	B247 Ex-	1.55	0.02	0.9m	2400	88	2.30	983	294.0	29cm	38.12	38.12	28.71	28.71	0.04	SI
2 Piso	P11A	Bottom	B247 Ex-	7.84	0.02	0.9m	2400	88	2.30	984	294.0	29cm	38.15	38.15	28.74	28.74	-0.27	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area bar. (in²)	ϕ	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ϕMn ext (ton-m)	ϕMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P11A	Top	B24 1 C	-7.42	0.02	0.84	2400	585	2400	285	294.00	294.00	38.21	38.21	28.77	28.77	0.19	SI
2 Piso	P11A	Bottom	B24 1 C	-14.6	0.02	0.84	2400	926	2400	866	294.00	294.00	38.25	38.25	28.8	28.81	-1.39	SI
2 Piso	P11A	Top	B243-Wx- G	-3.19	0.02	0.84	2400	887	2400	287	294.00	294.00	38.29	38.29	28.84	28.84	1.17	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.02	0.84	2400	888	2400	388	294.00	294.00	38.34	38.34	28.87	28.87	-0.52	SI
2 Piso	P11A	Top	B243-Wx- G	-3.19	0.02	0.84	2400	889	2400	388	294.00	294.00	38.38	38.38	28.90	28.90	1.17	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.02	0.84	2400	890	2400	890	294.00	294.00	38.43	38.43	28.94	28.94	-0.52	SI
2 Piso	P11A	Top	B243-Wx- G	-3.19	0.02	0.84	2400	891	2400	891	294.00	294.00	38.47	38.47	28.97	28.97	1.17	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.02	0.84	2400	892	2400	892	294.00	294.00	38.51	38.51	29.00	29.00	-0.52	SI
2 Piso	P11A	Top	B243-Wx- G	-3.19	0.02	0.84	2400	893	2400	893	294.00	294.00	38.55	38.55	29.03	29.03	1.17	SI
2 Piso	P11A	Bottom	B243-Wx- G	-16.65	0.02	0.84	2400	894	2400	894	294.00	294.00	38.59	38.59	29.07	29.07	-0.52	SI
2 Piso	P11A	Top	B244-Wx- G	2.66	0.02	0.84	2400	895	2400	895	294.00	294.00	38.64	38.64	29.11	29.10	1.0	SI
2 Piso	P11A	Bottom	B244-Wx- G	-15.19	0.02	0.84	2400	896	2400	896	294.00	294.00	38.68	38.68	29.13	29.13	-1.24	SI
2 Piso	P11A	Top	B244-Wx- G	2.66	0.02	0.84	2400	897	2400	897	294.00	294.00	38.72	38.72	29.16	29.16	1.0	SI
2 Piso	P11A	Bottom	B244-Wx- G	-15.19	0.02	0.84	2400	898	2400	898	294.00	294.00	38.77	38.77	29.20	29.20	-1.24	SI
2 Piso	P11A	Top	B244-Wy- G	2.66	0.02	0.84	2400	899	2400	899	294.00	294.00	38.81	38.81	29.23	29.23	1.0	SI
2 Piso	P11A	Bottom	B244-Wy- G	-15.19	0.02	0.84	2400	900	2400	900	294.00	294.00	38.85	38.85	29.26	29.26	-1.24	SI
2 Piso	P11A	Top	B244-Wy- G	2.66	0.02	0.84	2400	901	2400	901	294.00	294.00	38.90	38.90	29.30	29.29	1.0	SI
2 Piso	P11A	Bottom	B244-Wy- G	-15.19	0.02	0.84	2400	902	2400	902	294.00	294.00	38.94	38.94	29.33	29.33	-1.24	SI
2 Piso	P11B	Top	B24 1	2.53	0.06	0.84	1920	903	1920	903	294.00	294.00	31.10	31.19	23.49	23.49	0.50	SI
2 Piso	P11B	Bottom	B24 1	-14.5	0.06	0.84	1920	904	1920	904	294.00	294.00	31.22	31.22	23.51	23.51	-0.33	SI
2 Piso	P11B	Top	B242 Lcub	2.44	0.06	0.84	1920	905	1920	905	294.00	294.00	31.26	31.25	23.54	23.54	0.24	SI
2 Piso	P11B	Bottom	B242 Lcub	-14.00	0.06	0.84	1920	906	1920	906	294.00	294.00	31.29	31.29	23.57	23.57	-0.35	SI
2 Piso	P11B	Top	B243-Wx+ Lcub	2.70	0.06	0.84	1920	907	1920	907	294.00	294.00	31.32	31.32	23.59	23.59	0.12	SI
2 Piso	P11B	Bottom	B243-Wx+ Lcub	-13.8	0.06	0.84	1920	908	1920	908	294.00	294.00	31.36	31.36	23.62	23.62	0.0	SI
2 Piso	P11B	Top	B243-Wx+ Lcub	2.70	0.06	0.84	1920	909	1920	909	294.00	294.00	31.39	31.39	23.64	23.64	0.12	SI
2 Piso	P11B	Bottom	B243-Wx+ Lcub	-13.8	0.06	0.84	1920	910	1920	910	294.00	294.00	31.43	31.43	23.67	23.67	0.12	SI
2 Piso	P11B	Top	B243-Wx+ Lcub	2.70	0.06	0.84	1920	911	1920	911	294.00	294.00	31.46	31.46	23.70	23.70	0.0	SI
2 Piso	P11B	Bottom	B243-Wx+ Lcub	-13.8	0.06	0.84	1920	912	1920	912	294.00	294.00	31.50	31.50	23.72	23.72	0.12	SI
2 Piso	P11B	Top	B243-Wx+ Lcub	2.70	0.06	0.84	1920	913	1920	913	294.00	294.00	31.53	31.53	23.75	23.75	0.0	SI
2 Piso	P11B	Bottom	B243-Wx+ Lcub	-13.8	0.06	0.84	1920	914	1920	914	294.00	294.00	31.57	31.57	23.77	23.77	0.12	SI
2 Piso	P11B	Top	B244-Wx+ Lcub	2.67	0.06	0.84	1920	915	1920	915	294.00	294.00	31.60	31.60	23.80	23.80	0.06	SI
2 Piso	P11B	Bottom	B244-Wx+ Lcub	-14.3	0.06	0.84	1920	916	1920	916	294.00	294.00	31.64	31.64	23.83	23.83	-0.20	SI
2 Piso	P11B	Top	B244-Wx+ Lcub	2.67	0.06	0.84	1920	917	1920	917	294.00	294.00	31.67	31.67	23.85	23.85	0.06	SI
2 Piso	P11B	Bottom	B244-Wx+ Lcub	-14.3	0.06	0.84	1920	918	1920	918	294.00	294.00	31.70	31.70	23.88	23.88	-0.20	SI
2 Piso	P11B	Top	B244-Wx+ Lcub	2.67	0.06	0.84	1920	919	1920	919	294.00	294.00	31.74	31.74	23.90	23.90	0.06	SI
2 Piso	P11B	Bottom	B244-Wx+ Lcub	-14.3	0.06	0.84	1920	920	1920	920	294.00	294.00	31.77	31.77	23.93	23.93	-0.20	SI
2 Piso	P11B	Top	B244-Wx+ Lcub	2.67	0.06	0.84	1920	921	1920	921	294.00	294.00	31.81	31.81	23.96	23.96	0.06	SI
2 Piso	P11B	Bottom	B244-Wx+ Lcub	-14.3	0.06	0.84	1920	922	1920	922	294.00	294.00	31.84	31.84	23.98	23.98	-0.20	SI
2 Piso	P11B	Top	B245 Ex+	-2.55	0.06	0.84	1920	923	1920	923	294.00	294.00	31.88	31.88	24.01	24.01	0.47	SI
2 Piso	P11B	Bottom	B245 Ex+	-7.85	0.06	0.84	1920	924	1920	924	294.00	294.00	31.91	31.91	24.03	24.03	-0.15	SI
2 Piso	P11B	Top	B245 Ex+	-2.37	0.06	0.84	1920	925	1920	925	294.00	294.00	31.95	31.95	24.06	24.06	0.14	SI
2 Piso	P11B	Bottom	B245 Ex+	-15.71	0.06	0.84	1920	926	1920	926	294.00	294.00	31.98	31.98	24.09	24.09	0.00	SI
2 Piso	P11B	Top	B245 Ex+	-2.09	0.06	0.84	1920	927	1920	927	294.00	294.00	32.02	32.02	24.11	24.11	0.12	SI
2 Piso	P11B	Bottom	B245 Ex+	-12.2	0.06	0.84	1920	928	1920	928	294.00	294.00	32.05	32.05	24.14	24.14	-0.06	SI
2 Piso	P11B	Top	B245 Ex+	-2.44	0.06	0.84	1920	929	1920	929	294.00	294.00	32.08	32.08	24.16	24.16	0.18	SI
2 Piso	P11B	Bottom	B245 Ex+	-14.3	0.06	0.84	1920	930	1920	930	294.00	294.00	32.12	32.12	24.19	24.19	-0.25	SI
2 Piso	P11B	Top	B246 Wx+	1.91	0.06	0.84	1920	931	1920	931	294.00	294.00	32.15	32.15	24.22	24.22	0.02	SI
2 Piso	P11B	Bottom	B246 Wx+	-10.1	0.06	0.84	1920	932	1920	932	294.00	294.00	32.19	32.19	24.24	24.24	0.00	SI
2 Piso	P11B	Top	B246 Wx+	1.91	0.06	0.84	1920	933	1920	933	294.00	294.00	32.22	32.22	24.27	24.27	0.02	SI
2 Piso	P11B	Bottom	B246 Wx+	-10.1	0.06	0.84	1920	934	1920	934	294.00	294.00	32.26	32.26	24.29	24.29	0.00	SI
2 Piso	P11B	Top	B246 Wx+	1.91	0.06	0.84	1920	935	1920	935	294.00	294.00	32.29	32.29	24.32	24.32	0.02	SI
2 Piso	P11B	Bottom	B246 Wx+	-10.1	0.06	0.84	1920	936	1920	936	294.00	294.00	32.33	32.33	24.34	24.35	0.00	SI
2 Piso	P11B	Top	B246 Wx+	-1.91	0.06	0.84	1920	937	1920	937	294.00	294.00	32.36	32.36	24.37	24.37	0.02	SI
2 Piso	P11B	Bottom	B246 Wx+	-10.1	0.06	0.84	1920	938	1920	938	294.00	294.00	32.40	32.40	24.40	24.40	0.00	SI

STORY	NUMIO	LOC.	COMB	Pu (tonf)	Area ... (m²)	%	As cal (mm²)	fy ext (kgf/cm²)	As int (mm²)	fy int (kgf/cm²)	d cal (mm)	d int (mm)	Mn ext (tonf-m)	Mn int (tonf-m)	øMn ext (tonf-m)	øMn int (tonf-m)	Mlt (tonf-m)	Cumple
2 Piso	P1'B	Top	3247 Ex+	-1.59	0.15	0.92	1020	839	1920	908	294.00	294.00	32.49		24.42	24.42	0.18	SI
2 Piso	P1'B	Eqtam	3247 Ex+	-3.03	0.15	0.92	1020	840	1920	940	294.00	294.00	32.45		24.40	24.45	-0.33	SI
2 Piso	P1'B	Top	B247-Ex-	-1.79	0.15	0.92	1020	841	1920	941	294.00	294.00	32.50		24.40	24.48	0.15	SI
2 Piso	P1'B	Eqtam	B247-Ex-	-14.80	0.15	0.92	1020	842	1920	942	294.00	294.00	32.53		24.50	24.50	0.18	SI
2 Piso	P1'B	Top	B247 Ey+	-1.46	0.15	0.92	1020	843	1920	943	294.00	294.00	32.57		24.51	24.53	0.14	SI
2 Piso	P1'B	Eqtam	B247 Ey+	-5.32	0.15	0.92	1020	844	1920	944	294.00	294.00	32.60		24.51	24.55	-0.26	SI
2 Piso	P1'B	Top	B247-Ey-	-1.81	0.15	0.92	1020	845	1920	945	294.00	294.00	32.64		24.51	24.58	0.11	SI
2 Piso	P1'B	Eqtam	B247-Ey-	-10.43	0.15	0.92	1020	846	1920	946	294.00	294.00	32.67		24.61	24.61	0.01	SI
2 Piso	P1'B	Top	B24 [illegible]	-2.67	0.15	0.92	1020	847	1920	947	294.00	294.00	32.71		24.62	24.63	0.12	SI
2 Piso	P1'B	Eqtam	B24 [illegible]	-14.70	0.15	0.92	1020	848	1920	948	294.00	294.00	32.74		24.61	24.68	-0.54	SI
2 Piso	P1'B	Top	B243-Wx+ G	-3.43	0.15	0.92	1020	849	1920	949	294.00	294.00	32.78		24.68	24.68	0.19	SI
2 Piso	P1'B	Eqtam	B243-Wx+ G	-15.80	0.15	0.92	1020	850	1920	950	294.00	294.00	32.81		24.71	24.71	0.19	SI
2 Piso	P1'B	Top	B243-Wx+ G	-3.43	0.15	0.92	1020	851	1920	951	294.00	294.00	32.84		24.74	24.74	0.18	SI
2 Piso	P1'B	Eqtam	B243-Wx+ G	-15.80	0.15	0.92	1020	852	1920	952	294.00	294.00	32.88		24.76	24.76	0.19	SI
2 Piso	P1'B	Top	B143-Wx+ G	-3.43	0.15	0.92	1020	853	1920	953	294.00	294.00	32.91		24.79	24.79	0.18	SI
2 Piso	P1'B	Eqtam	B143-Wx+ G	-15.80	0.15	0.92	1020	854	1920	954	294.00	294.00	32.95		24.81	24.81	0.19	SI
2 Piso	P1'B	Top	B143-Wx+ G	-3.43	0.15	0.92	1020	855	1920	955	294.00	294.00	32.98		24.84	24.84	0.19	SI
2 Piso	P1'B	Eqtam	B143-Wx+ G	-15.80	0.15	0.92	1020	856	1920	956	294.00	294.00	33.02		24.87	24.87	0.18	SI
2 Piso	P1'B	Top	B244-Wx+ G	-2.88	0.15	0.92	1020	857	1920	957	294.00	294.00	33.05		24.84	24.89	0.14	SI
2 Piso	P1'B	Eqtam	B244-Wx+ G	-14.94	0.15	0.92	1020	858	1920	958	294.00	294.00	33.09		24.89	24.92	-0.18	SI
2 Piso	P1'B	Top	B144-Wx+ G	2.88	0.15	0.92	1020	859	1920	959	294.00	294.00	33.12		24.91	24.94	0.14	SI
2 Piso	P1'B	Eqtam	B144-Wx+ G	-14.94	0.15	0.92	1020	860	1920	960	294.00	294.00	33.16		24.97	24.97	-0.18	SI
2 Piso	P1'B	Top	B244-Wy- G	2.88	0.15	0.92	1020	861	1920	961	294.00	294.00	33.19		25.00	25.00	0.14	SI
2 Piso	P1'B	Eqtam	B244-Wy- G	-14.94	0.15	0.92	1020	862	1920	962	294.00	294.00	33.22		25.00	25.02	-0.18	SI
2 Piso	P1'B	Top	B144-Wy- G	2.88	0.15	0.92	1020	863	1920	963	294.00	294.00	33.26		25.00	25.05	0.14	SI
2 Piso	P1'B	Eqtam	B144-Wy- G	-14.94	0.15	0.92	1020	864	1920	964	294.00	294.00	33.29		25.07	25.07	-0.18	SI
2 Piso	P13	Top	B241	-24.9	3.22	0.80	5280	865	5280	965	274.00	274.00	85.42		63.74	63.74	-2.70	SI
2 Piso	P13	Eqtam	B241	-65.2	3.22	0.80	5280	866	5280	966	274.00	274.00	85.51		63.80	63.80	12.75	SI
2 Piso	P13	Top	B242 [illegible]	-22.4	3.22	0.80	5280	867	5280	967	274.00	274.00	85.55		63.87	63.87	-4.35	SI
2 Piso	P13	Eqtam	B242 [illegible]	-58.4	3.22	0.80	5280	868	5280	968	274.00	274.00	85.68		63.94	63.94	20.90	SI
2 Piso	P13	Top	B243-Wx+ [illegible]	-28.6	3.22	0.80	5280	869	5280	969	274.00	274.00	85.77		64.00	64.00	-2.90	SI
2 Piso	P13	Eqtam	B243-Wx+ [illegible]	-84.5	3.23	0.80	5280	870	5280	970	274.00	274.00	85.86		64.07	64.07	11.06	SI
2 Piso	P13	Top	B243-Wx+ [illegible]	-30.6	3.23	0.80	5280	871	5280	971	274.00	274.00	85.95		64.13	64.13	-2.90	SI
2 Piso	P13	Eqtam	B243-Wx+ [illegible]	-84.5	3.23	0.80	5280	872	5280	972	274.00	274.00	86.04		64.20	64.20	11.06	SI
2 Piso	P13	Top	B243-Wx+ [illegible]	-28.6	3.23	0.80	5280	873	5280	973	274.00	274.00	86.12		64.27	64.27	-2.90	SI
2 Piso	P13	Eqtam	B243-Wx+ [illegible]	-84.5	3.23	0.80	5280	874	5280	974	274.00	274.00	86.21		64.33	64.33	11.06	SI
2 Piso	P13	Top	B243-Wx+ [illegible]	-28.6	3.23	0.80	5280	875	5280	975	274.00	274.00	86.30		64.40	64.40	-2.90	SI
2 Piso	P13	Eqtam	B243-Wx+ [illegible]	-84.5	3.23	0.80	5280	876	5280	976	274.00	274.00	86.39		64.46	64.46	11.06	SI
2 Piso	P13	Top	B244-Wx+ [illegible]	-26.5	3.23	0.80	5280	877	5280	977	274.00	274.00	86.48		53.48	64.53	-2.32	SI
2 Piso	P13	Eqtam	B244-Wx+ [illegible]	-82.7	3.23	0.80	5280	878	5280	978	274.00	274.00	86.57		66.57	64.60	22.26	SI
2 Piso	P13	Top	B244-Wx+ [illegible]	-26.5	3.23	0.80	5280	879	5280	979	274.00	274.00	86.66		64.66	64.66	-2.32	SI
2 Piso	P13	Eqtam	B244-Wx+ [illegible]	-82.7	3.23	0.80	5280	880	5280	980	274.00	274.00	86.74		96.74	64.73	22.26	SI
2 Piso	P13	Top	B244-Wx+ [illegible]	-26.5	3.23	0.80	5280	881	5280	981	274.00	274.00	86.83		86.83	64.79	-2.32	SI
2 Piso	P13	Eqtam	B244-Wx+ [illegible]	-82.7	3.23	0.80	5280	882	5280	982	274.00	274.00	86.92		96.92	64.86	22.26	SI
2 Piso	P13	Top	B244-Wx+ [illegible]	-26.5	3.23	0.80	5280	883	5280	983	274.00	274.00	87.01		87.01	64.93	-2.32	SI
2 Piso	P13	Eqtam	B244-Wx+ [illegible]	-82.7	3.23	0.80	5280	884	5280	984	274.00	274.00	87.10		87.10	64.99	22.26	SI
2 Piso	P13	Top	B245 Ex+	-21.3	3.23	0.80	5280	885	5280	985	274.00	274.00	87.19		87.19	65.06	-0.13	SI
2 Piso	P13	Eqtam	B245 Ex+	-57.1	3.23	0.80	5280	886	5280	986	274.00	274.00	87.28		87.28	65.12	15.32	SI
2 Piso	P13	Top	B245-Ex-	-50.8	3.23	0.80	5280	887	5280	987	274.00	274.00	87.36		97.36	65.19	-7.73	SI
2 Piso	P13	Eqtam	B245-Ex-	-55.5	3.23	0.80	5280	888	5280	988	274.00	274.00	87.45		87.45	65.26	26.87	SI
2 Piso	P13	Top	B245 Ey+	-21.0	3.23	0.80	5280	889	5280	989	274.00	274.00	87.54		87.54	65.32	-3.12	SI
2 Piso	P13	Eqtam	B245 Ey+	-58.9	3.23	0.80	5280	890	5280	990	274.00	274.00	87.63		87.63	65.39	22.14	SI
2 Piso	P13	Top	B245-Ey-	-20.8	3.23	0.80	5280	891	5280	991	274.00	274.00	87.72		87.72	65.45	-3.54	SI
2 Piso	P13	Eqtam	B245-Ey-	-55.7	3.23	0.80	5280	892	5280	992	274.00	274.00	87.81		87.81	65.52	22.11	SI

CONSULTOR A PARA REALIZAR LOS ESTUDIOS PARA LA INTERVENCIÓN INTEGRAL A LA BIBLIOTECA CENTRAL DE LAS FUERZAS MILITARES "TOMAS RUEDA VARGAS"

STORY	MURO	LOC.	COMB	Pu (ton)	Area (cm²)	%	Ag ext (cm²)	fy ext (kg/cm²)	Ag int (cm²)	fy int (kg/cm²)	d ext (cm)	d int (cm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	MC2 (ton-m)	Cumple
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-15.81	3.13	0.55	5280	990	5280	990	274.00	274.00	87.80	87.80	65.56	65.56	-1.93	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-46.52	3.13	0.52	5280	994	5280	994	274.00	274.00	87.98	87.98	65.86	65.65	6.49	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-19.81	3.13	0.27	5280	995	5280	995	274.00	274.00	88.07	88.07	66.05	65.72	-1.93	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-46.52	3.13	0.81	5280	996	5280	996	274.00	274.00	88.16	88.16	66.78	65.78	6.48	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-18.81	3.13	0.93	5280	997	5280	997	274.00	274.00	88.25	88.25	66.85	65.85	-1.93	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-46.52	3.13	0.49	5280	998	5280	998	274.00	274.00	88.34	88.34	66.91	65.92	6.48	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-16.81	3.13	0.87	5280	999	5280	999	274.00	274.00	88.43	88.43	66.98	65.98	-1.93	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-46.52	3.13	0.47	5280	1000	5280	1000	274.00	274.00	88.51	88.51	67.05	66.05	6.48	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-16.36	3.13	0.82	5280	1001	5280	1001	274.00	274.00	88.60	88.60	67.11	66.11	1.42	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-42.02	3.13	0.43	5280	1002	5280	1002	274.00	274.00	88.68	88.68	67.18	66.18	1.17	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-15.94	3.13	0.83	5280	1003	5280	1003	274.00	274.00	88.78	88.78	67.25	66.25	-5.39	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-41.30	3.13	0.93	5280	1004	5280	1004	274.00	274.00	88.87	88.87	67.31	66.31	15.09	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-16.04	3.13	0.81	5280	1005	5280	1005	274.00	274.00	88.96	88.96	67.38	66.38	-1.77	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-42.72	3.13	0.82	5280	1006	5280	1006	274.00	274.00	89.05	89.05	67.44	66.44	8.13	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-15.06	3.13	0.81	5280	1007	5280	1007	274.00	274.00	89.13	89.13	67.51	66.51	-1.59	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-41.30	3.13	0.50	5280	1008	5280	1008	274.00	274.00	89.22	89.22	67.58	66.58	8.16	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr	-25.59	3.13	0.92	5280	1009	5280	1009	274.00	274.00	89.31	89.31	67.64	66.64	-4.23	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr	-42.04	3.13	0.48	5280	1010	5280	1010	274.00	274.00	89.40	89.40	67.71	66.71	26.97	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-38.60	3.13	0.90	5280	1011	5280	1011	274.00	274.00	89.49	89.49	67.78	66.78	-2.75	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-78.09	3.13	0.95	5280	1012	5280	1012	274.00	274.00	89.58	89.58	67.84	66.84	11.28	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-38.60	3.13	0.90	5280	1013	5280	1013	274.00	274.00	89.67	89.67	67.91	66.91	-2.75	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-78.09	3.13	0.95	5280	1014	5280	1014	274.00	274.00	89.75	89.75	67.97	66.97	11.28	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-38.60	3.13	0.90	5280	1015	5280	1015	274.00	274.00	89.84	89.84	67.04	67.04	-2.75	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-78.09	3.13	0.95	5280	1016	5280	1016	274.00	274.00	89.93	89.93	67.11	67.11	11.28	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-38.60	3.13	0.90	5280	1017	5280	1017	274.00	274.00	90.02	90.02	67.17	67.17	-2.75	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-78.09	3.13	0.95	5280	1018	5280	1018	274.00	274.00	90.11	90.11	67.24	67.24	11.28	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-29.61	3.13	0.95	5280	1019	5280	1019	274.00	274.00	90.20	90.20	67.30	67.30	-5.90	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-66.30	3.13	0.57	5280	1020	5280	1020	274.00	274.00	90.29	90.29	67.37	67.37	22.02	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-29.61	3.13	0.97	5280	1021	5280	1021	274.00	274.00	90.37	90.37	67.44	67.44	-5.90	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-66.30	3.13	0.95	5280	1022	5280	1022	274.00	274.00	90.46	90.46	67.50	67.50	22.02	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-29.03	3.13	0.52	5280	1023	5280	1023	274.00	274.00	90.55	90.55	67.57	67.57	-5.90	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-66.30	3.13	0.95	5280	1024	5280	1024	274.00	274.00	90.64	90.64	67.63	67.63	22.02	SI
2 Piso	P13	Top	1.2D+1.6L+0.5Lr+0.5G	-29.61	3.13	0.60	5280	1025	5280	1025	274.00	274.00	90.73	90.73	67.70	67.70	-5.90	SI
2 Piso	P13	Bottom	1.2D+1.6L+0.5Lr+0.5G	-66.30	3.13	0.95	5280	1026	5280	1026	274.00	274.00	90.82	90.82	67.77	67.77	22.02	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr	-5.57	0.19	0.94	2850	1027	2850	1027	284.00	284.00	53.20	53.20	40.07	40.07	1.14	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr	-15.22	0.19	0.84	2850	1028	2850	1028	284.00	284.00	53.26	53.26	40.11	40.11	-0.30	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-4.88	0.19	0.94	2850	1029	2850	1029	284.00	284.00	53.31	53.31	40.15	40.15	1.02	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-13.81	0.19	0.86	2850	1030	2850	1030	284.00	284.00	53.36	53.36	40.19	40.19	-1.35	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.17	0.19	0.94	2850	1031	2850	1031	284.00	284.00	53.41	53.41	40.23	40.23	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.84	0.19	0.84	2850	1032	2850	1032	284.00	284.00	53.46	53.46	40.28	40.28	-0.76	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.17	0.19	0.82	2850	1033	2850	1033	284.00	284.00	53.51	53.51	40.30	40.30	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.84	0.19	0.84	2850	1034	2850	1034	284.00	284.00	53.57	53.57	40.34	40.34	-0.76	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.17	0.19	0.82	2850	1035	2850	1035	284.00	284.00	53.62	53.62	40.38	40.38	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.84	0.19	0.84	2850	1036	2850	1036	284.00	284.00	53.67	53.67	40.42	40.42	-0.76	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.17	0.19	0.82	2850	1037	2850	1037	284.00	284.00	53.72	53.72	40.46	40.46	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.84	0.19	0.82	2850	1038	2850	1038	284.00	284.00	53.77	53.77	40.50	40.50	-0.76	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.75	0.19	0.94	2850	1039	2850	1039	284.00	284.00	53.82	53.82	40.54	40.54	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.71	0.19	0.82	2850	1040	2850	1040	284.00	284.00	53.88	53.88	40.58	40.58	-1.15	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.75	0.19	0.94	2850	1041	2850	1041	284.00	284.00	53.93	53.93	40.62	40.62	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.71	0.19	0.80	2850	1042	2850	1042	284.00	284.00	53.98	53.98	40.66	40.66	-1.15	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.75	0.19	0.94	2850	1043	2850	1043	284.00	284.00	54.03	54.03	40.70	40.70	1.72	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.71	0.19	0.80	2850	1044	2850	1044	284.00	284.00	54.08	54.08	40.73	40.73	-1.15	SI
2 Piso	P15	Top	1.2D+1.6L+0.5Lr+0.5Lr	-5.75	0.19	0.80	2850	1045	2850	1045	284.00	284.00	54.14	54.14	40.77	40.77	1.08	SI
2 Piso	P15	Bottom	1.2D+1.6L+0.5Lr+0.5Lr	-14.71	0.19	0.80	2850	1046	2850	1046	284.00	284.00	54.19	54.19	40.81	40.81	-1.15	SI

ANEXO 5. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PERPENDICULAR AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	Pu (ton)	Area mu... (m²)	ζ	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (cm)	d int (cm)	Mn ext (ton-m)	Mu int (ton-m)	ΦMu ext (ton-m)	ΦMn int (ton-m)	MU2 (ton-m)	Cumple
2 Piso	P16	Top	0.9E	-5.13	0.19	0.84	2880	1047	2880	1047	294.00	294.00	54.29	54.29	40.86	40.86	1.02	SI
2 Piso	P16	Bottom	0.9E	-15.37	0.19	0.84	2880	1048	2880	1048	294.00	294.00	54.29	54.29	40.86	40.86	-1.22	SI
2 Piso	P16	Top	1.2D+1.6L	-3.92	0.19	0.84	2880	1049	2880	1048	294.00	294.00	54.34	54.34	40.91	40.99	0.77	SI
2 Piso	P16	Bottom	1.2D+1.6L	-11.76	0.19	0.87	2880	1050	2880	1050	294.00	294.00	54.40	54.40	40.87	40.87	-0.97	SI
2 Piso	P16	Top	1.2D+1.0E+1.0L	4.52	0.19	0.84	2880	1051	2880	1051	294.00	294.00	54.45	54.45	41.01	41.01	1.19	SI
2 Piso	P16	Bottom	1.2D+1.0E+1.0L	-10.91	0.19	0.84	2880	1052	2880	1052	294.00	294.00	54.50	54.50	41.04	41.04	-1.16	SI
2 Piso	P16	Top	0.9D+1.0E	4.53	0.19	0.84	2880	1053	2880	1053	294.00	294.00	54.55	54.55	41.08	41.08	1.14	SI
2 Piso	P16	Bottom	0.9D+1.0E	-13.76	0.19	0.84	2880	1054	2880	1054	294.00	294.00	54.60	54.60	41.12	41.12	-1.14	SI
2 Piso	P16	Top	1.2D+1.0W+1.0L	4.27	0.19	0.84	2880	1055	2880	1055	294.00	294.00	54.65	54.65	41.16	41.16	1.16	SI
2 Piso	P16	Bottom	1.2D+1.0W+1.0L	-10.76	0.19	0.84	2880	1056	2880	1056	294.00	294.00	54.71	54.71	41.20	41.20	-0.35	SI
2 Piso	P16	Top	1.2D+1.0W+1.0L	-4.27	0.19	0.84	2880	1057	2880	1057	294.00	294.00	54.76	54.76	41.24	41.24	1.18	SI
2 Piso	P16	Bottom	1.2D+1.0W+1.0L	-10.76	0.19	0.84	2880	1058	2880	1058	294.00	294.00	54.81	54.81	41.28	41.28	-0.35	SI
2 Piso	P16	Top	1.2D+1.0E+1.0L	4.27	0.19	0.84	2880	1059	2880	1058	294.00	294.00	54.86	54.86	41.32	41.32	1.18	SI
2 Piso	P16	Bottom	1.2D+1.0E+1.0L	-10.76	0.19	0.84	2880	1060	2880	1060	294.00	294.00	54.91	54.91	41.36	41.36	-0.35	SI
2 Piso	P16	Top	1.2D+1.0W+1.0L	-4.27	0.19	0.84	2880	1061	2880	1061	294.00	294.00	54.96	54.96	41.40	41.40	1.18	SI
2 Piso	P16	Bottom	1.2D+1.0W+1.0L	-10.76	0.19	0.84	2880	1062	2880	1062	294.00	294.00	55.02	55.02	41.45	41.45	-0.35	SI
2 Piso	P15	Top	1.2D+1.0E+1.0L	4.02	0.25	0.84	3840	1063	3840	1063	294.00	294.00	55.07	55.07	41.47	41.47	1.48	SI
2 Piso	P15	Bottom	1.2D+1.0E+1.0L	-11.28	0.25	0.84	3840	1064	3840	1064	294.00	294.00	55.12	55.12	41.51	41.51	-0.94	SI
2 Piso	P16	Top	0.9D+1.0E	2.81	0.19	0.84	2880	1065	2880	1065	294.00	294.00	55.17	55.17	41.55	41.55	0.48	SI
2 Piso	P16	Bottom	0.9D+1.0E	-7.73	0.19	0.84	2880	1066	2880	1066	294.00	294.00	55.22	55.22	41.59	41.59	-0.39	SI
2 Piso	P16	Top	1.2D+1.0E+1.0L	3.46	0.19	0.84	2880	1067	2880	1067	294.00	294.00	55.28	55.28	41.63	41.63	0.90	SI
2 Piso	P16	Bottom	1.2D+1.0E+1.0L	-9.36	0.19	0.84	2880	1068	2880	1068	294.00	294.00	55.33	55.33	41.67	41.67	-0.37	SI
2 Piso	P16	Top	0.9D+1.0E	3.46	0.19	0.84	2880	1069	2880	1068	294.00	294.00	55.38	55.38	41.71	41.71	0.90	SI
2 Piso	P16	Bottom	0.9D+1.0E	-10.22	0.19	0.84	2880	1070	2880	1070	294.00	294.00	55.43	55.43	41.75	41.75	-0.45	SI
2 Piso	P15	Top	1.2D+1.0W+1.0L	5.57	0.25	0.84	3840	1071	3840	1071	294.00	294.00	55.48	55.48	41.79	41.79	1.52	SI
2 Piso	P15	Bottom	1.2D+1.0W+1.0L	-10.70	0.25	0.84	3840	1072	3840	1072	294.00	294.00	55.53	55.53	41.82	41.82	-1.38	SI
2 Piso	P15	Top	0.9D+1.0W+1.0L	8.38	0.25	0.84	3840	1073	3840	1073	294.00	294.00	55.59	55.59	41.86	41.86	2.19	SI
2 Piso	P15	Bottom	0.9D+1.0W+1.0L	-17.20	0.25	0.84	3840	1074	3840	1074	294.00	294.00	55.64	55.64	41.90	41.90	-0.35	SI
2 Piso	P15	Top	1.2D+1.0W+1.0L	8.38	0.25	0.84	3840	1075	3840	1075	294.00	294.00	55.69	55.69	41.94	41.94	2.19	SI
2 Piso	P15	Bottom	1.2D+1.0W+1.0L	-17.20	0.25	0.84	3840	1076	3840	1076	294.00	294.00	55.74	55.74	41.98	41.98	-0.35	SI
2 Piso	P15	Top	0.9D+1.0W+1.0L	-8.38	0.25	0.84	3840	1077	3840	1077	294.00	294.00	55.79	55.79	42.02	42.02	2.19	SI
2 Piso	P15	Bottom	0.9D+1.0W+1.0L	-17.20	0.25	0.84	3840	1078	3840	1078	294.00	294.00	55.85	55.85	42.06	42.06	-0.35	SI
2 Piso	P15	Top	1.2D+1.0W+1.0L	-8.38	0.25	0.84	3840	1079	3840	1079	294.00	294.00	55.90	55.90	42.10	42.10	2.19	SI
2 Piso	P15	Bottom	1.2D+1.0W+1.0L	-17.20	0.25	0.84	3840	1080	3840	1080	294.00	294.00	55.95	55.95	42.14	42.14	-0.35	SI
2 Piso	P15	Top	0.9D+1.0W+1.0L	-8.44	0.19	0.84	2880	1081	2880	1081	294.00	294.00	56.00	56.00	42.18	42.18	1.78	SI
2 Piso	P15	Bottom	0.9D+1.0W+1.0L	-15.46	0.19	0.84	2880	1082	2880	1082	294.00	294.00	56.05	56.05	42.21	42.21	-1.18	SI
2 Piso	P15	Top	1.2D+1.0W+1.0L	-8.44	0.19	0.84	2880	1083	2880	1083	294.00	294.00	56.10	56.10	42.25	42.25	1.78	SI
2 Piso	P15	Bottom	1.2D+1.0W+1.0L	-15.46	0.19	0.84	2880	1084	2880	1084	294.00	294.00	56.16	56.16	42.28	42.28	-1.18	SI
2 Piso	P15	Top	1.2D+1.0E+1.0L	6.44	0.19	0.84	2880	1085	2880	1085	294.00	294.00	56.21	56.21	42.33	42.33	1.79	SI
2 Piso	P15	Bottom	1.2D+1.0E+1.0L	-15.46	0.19	0.84	2880	1086	2880	1086	294.00	294.00	56.26	56.26	42.37	42.37	-1.18	SI
2 Piso	P15	Top	0.9D+1.0E+1.0L	6.44	0.19	0.84	2880	1087	2880	1087	294.00	294.00	56.31	56.31	42.41	42.41	1.79	SI
2 Piso	P15	Bottom	0.9D+1.0E+1.0L	-15.46	0.19	0.84	2880	1088	2880	1088	294.00	294.00	56.36	56.36	42.45	42.45	-1.18	SI
2 Piso	P17	Top	0.9D+1.0E	0.61	1.13	0.86	2880	1089	2880	1088	294.00	294.00	56.42	56.42	42.48	42.48	2.18	SI
2 Piso	P17	Bottom	0.9D+1.0E	-18.03	1.13	0.84	2880	1090	2880	1090	294.00	294.00	56.47	56.47	42.52	42.53	-5.32	SI
2 Piso	P17	Top	1.2D+1.0E+1.0L	5.59	1.13	0.84	2880	1091	2880	1091	294.00	294.00	56.52	56.52	42.56	42.57	2.17	SI
2 Piso	P17	Bottom	1.2D+1.0E+1.0L	-16.34	1.13	0.84	2880	1092	2880	1092	294.00	294.00	56.57	56.57	42.56	42.60	42.46	SI
2 Piso	P17	Top	1.2D+0.9W+1.0L+1.0Lr	-5.59	1.13	0.84	2880	1093	2880	1092	294.00	294.00	56.62	56.62	42.64	42.64	2.14	SI
2 Piso	P17	Bottom	1.2D+0.9W+1.0L+1.0Lr	-17.03	1.13	0.84	2880	1094	2880	1094	294.00	294.00	56.67	56.67	42.56	42.68	-5.15	SI
2 Piso	P17	Top	1.2D+0.9W+1.0L+1.0Lr	-5.59	1.13	0.84	2880	1095	2880	1095	294.00	294.00	56.72	56.72	42.72	42.72	2.14	SI
2 Piso	P17	Bottom	1.2D+0.9W+1.0L+1.0Lr	-17.03	1.13	0.84	2880	1096	2880	1096	294.00	294.00	56.78	56.78	42.76	42.76	-5.15	SI
2 Piso	P17	Top	1.2D+0.9W+1.0L+1.0Lr	-5.59	1.13	0.84	2880	1097	2880	1097	294.00	294.00	56.83	56.83	42.80	42.80	2.14	SI
2 Piso	P17	Bottom	1.2D+0.9W+1.0L+1.0Lr	-17.03	1.13	0.84	2880	1098	2880	1098	294.00	294.00	56.88	56.88	42.84	42.84	-5.15	SI
2 Piso	P17	Top	1.2D+0.9W+1.0L+1.0Lr	-5.59	1.13	0.84	2880	1099	2880	1099	294.00	294.00	56.93	56.93	42.88	42.88	2.14	SI
2 Piso	P17	Bottom	1.2D+0.9W+1.0L+1.0Lr	-17.03	1.13	0.84	2880	1100	2880	1100	294.00	294.00	56.98	56.98	42.92	42.92	-5.15	SI

STORY	PUNTO	LOC.	COMB	Pu (ton)	Area (cm²)	ρ	As est (cm²)	fy est (Mpa)	As int (cm²)	fy int (Mpa)	S est (cm)	d (cm)	Mn est (ton-m)	Mn int (ton-m)	ΦMn est (ton-m)	ΦMn int (ton-m)	Mu (ton-m)	Ejemplo
2 Piso	P17	Top	1.244+W+ Comb	-8.27	1.03	0.84	2880	1101	2880	1131	294.00	294.00	57.04	57.04	42.96	42.96	2.13	SI
2 Piso	P17	Bottom	1.244+W+ Comb	-16.94	1.03	0.84	2880	1102	2880	1132	294.00	294.00	57.06	57.06	43.00	43.00	-8.74	SI
2 Piso	P17	Top	1.244+W+ Comb	-8.27	1.03	0.84	2880	1103	2880	1133	294.00	294.00	57.14	57.14	43.03	43.03	2.13	SI
2 Piso	P17	Bottom	1.244+W+ Comb	-16.94	1.03	0.84	2880	1104	2880	1134	294.00	294.00	57.19	57.19	43.07	43.07	-8.74	SI
2 Piso	P17	Top	1.244+W+ Comb	-8.27	1.03	0.84	2880	1105	2880	1135	294.00	294.00	57.24	57.24	43.11	43.11	2.13	SI
2 Piso	P17	Bottom	1.244+W+ Comb	-16.94	1.03	0.84	2880	1106	2880	1136	294.00	294.00	57.30	57.30	43.15	43.15	-8.74	SI
2 Piso	P17	Top	1.244+W+ Comb	-8.27	1.03	0.84	2880	1107	2880	1137	294.00	294.00	57.35	57.35	43.19	43.19	2.13	SI
2 Piso	P17	Bottom	1.244+W+ Comb	-16.94	1.03	0.84	2880	1108	2880	1138	294.00	294.00	57.40	57.40	43.23	43.23	-8.74	SI
2 Piso	P17	Top	1.245+E+	-5.60	1.03	0.84	2880	1109	2880	1139	294.00	294.00	57.45	57.45	43.27	43.27	2.11	SI
2 Piso	P17	Bottom	1.245+E+	-16.00	1.03	0.84	2880	1110	2880	1140	294.00	294.00	57.51	57.50	43.31	43.31	-10.39	SI
2 Piso	P17	Top	0.945+E+	4.73	1.03	0.84	2880	1111	2880	1141	294.00	294.00	57.56	57.56	43.35	43.35	1.07	SI
2 Piso	P17	Bottom	0.945+E+	-15.5	1.03	0.84	2880	1112	2880	1142	294.00	294.00	57.61	57.61	43.39	43.39	-8.77	SI
2 Piso	P17	Top	1.245+E+	-5.60	1.03	0.84	2880	1113	2880	1143	294.00	294.00	57.66	57.66	43.42	43.42	2.11	SI
2 Piso	P17	Bottom	1.245+E+	-15.64	1.03	0.84	2880	1114	2880	1144	294.00	294.00	57.71	57.71	43.46	43.46	-9.59	SI
2 Piso	P17	Top	0.945+E+	4.25	1.03	0.84	2880	1115	2880	1145	294.00	294.00	57.76	57.76	43.50	43.50	2.11	SI
2 Piso	P17	Bottom	0.945+E+	-15.84	1.03	0.84	2880	1116	2880	1146	294.00	294.00	57.81	57.81	43.54	43.54	-9.77	SI
2 Piso	P17	Top	1.246+W+	4.57	1.03	0.84	2880	1117	2880	1147	294.00	294.00	57.87	57.87	43.58	43.58	1.07	SI
2 Piso	P17	Bottom	0.946+W+	-12.42	1.03	0.84	2880	1118	2880	1148	294.00	294.00	57.92	57.92	43.62	43.62	-6.85	SI
2 Piso	P17	Top	1.246+W+	4.57	1.03	0.84	2880	1119	2880	1149	294.00	294.00	57.97	57.97	43.66	43.66	1.07	SI
2 Piso	P17	Bottom	0.946+W+	-12.42	1.03	0.84	2880	1120	2880	1150	294.00	294.00	58.02	58.02	43.70	43.70	-6.85	SI
2 Piso	P17	Top	1.246+W+	4.57	1.03	0.84	2880	1121	2880	1151	294.00	294.00	58.07	58.07	43.74	43.74	1.07	SI
2 Piso	P17	Bottom	0.946+W+	-12.42	1.03	0.84	2880	1122	2880	1152	294.00	294.00	58.13	58.13	43.78	43.78	-6.85	SI
2 Piso	P17	Top	1.246+W+	4.57	1.03	0.84	2880	1123	2880	1153	294.00	294.00	58.18	58.18	43.81	43.81	1.07	SI
2 Piso	P17	Bottom	0.946+W+	-12.42	1.03	0.84	2880	1124	2880	1154	294.00	294.00	58.23	58.23	43.85	43.85	-6.85	SI
2 Piso	P17	Top	1.247+E+	4.23	1.03	0.84	2880	1125	2880	1155	294.00	294.00	58.28	58.28	43.89	43.89	1.11	SI
2 Piso	P17	Bottom	0.947+E+	-11.84	1.03	0.84	2880	1126	2880	1156	294.00	294.00	58.33	58.33	43.93	43.93	-6.51	SI
2 Piso	P17	Top	1.247+E+	-3.97	1.03	0.84	2880	1127	2880	1157	294.00	294.00	58.38	58.38	43.97	43.97	1.07	SI
2 Piso	P17	Bottom	0.947+E+	-11.84	1.03	0.84	2880	1128	2880	1158	294.00	294.00	58.44	58.44	44.01	44.01	-6.10	SI
2 Piso	P17	Top	1.247+E+	-3.97	1.03	0.84	2880	1129	2880	1159	294.00	294.00	58.49	58.49	44.05	44.05	1.19	SI
2 Piso	P17	Bottom	0.947+E+	-11.84	1.03	0.84	2880	1130	2880	1160	294.00	294.00	58.54	58.54	44.09	44.09	-5.71	SI
2 Piso	P17	Top	1.247+E+	-3.88	1.03	0.84	2880	1131	2880	1161	294.00	294.00	58.59	58.59	44.13	44.13	1.44	SI
2 Piso	P17	Bottom	0.947+E+	-11.61	1.03	0.84	2880	1132	2880	1162	294.00	294.00	58.64	58.64	44.17	44.17	-5.30	SI
2 Piso	P17	Top	1.248+E+	-6.18	1.03	0.84	2880	1133	2880	1163	294.00	294.00	58.69	58.69	44.21	44.20	2.12	SI
2 Piso	P17	Bottom	0.948+E+	-17.06	1.03	0.84	2880	1134	2880	1164	294.00	294.00	58.75	58.75	44.24	44.24	-12.59	SI
2 Piso	P17	Top	1.248+W+	8.50	1.03	0.84	2880	1135	2880	1165	294.00	294.00	58.80	58.80	44.28	44.28	2.18	SI
2 Piso	P17	Bottom	0.948+W+	-19.11	1.03	0.84	2880	1136	2880	1166	294.00	294.00	58.85	58.85	44.32	44.32	-5.26	SI
2 Piso	P17	Top	1.243+W+	-8.50	1.03	0.84	2880	1137	2880	1167	294.00	294.00	58.90	58.90	44.36	44.36	2.18	SI
2 Piso	P17	Bottom	0.943+W+	-19.11	1.03	0.84	2880	1138	2880	1168	294.00	294.00	58.96	58.96	44.40	44.40	-5.26	SI
2 Piso	P17	Top	1.243+W+	-8.50	1.03	0.84	2880	1139	2880	1169	294.00	294.00	59.01	59.01	44.44	44.44	2.18	SI
2 Piso	P17	Bottom	0.943+W+	-19.11	1.03	0.84	2880	1140	2880	1170	294.00	294.00	59.06	59.06	44.48	44.48	-5.26	SI
2 Piso	P17	Top	1.243+W+	-8.53	1.03	0.84	2880	1141	2880	1171	294.00	294.00	59.11	59.11	44.52	44.52	2.18	SI
2 Piso	P17	Bottom	0.943+W+	-19.18	1.03	0.84	2880	1142	2880	1172	294.00	294.00	59.16	59.16	44.56	44.56	-5.26	SI
2 Piso	P17	Top	1.244+W+	-8.90	1.03	0.84	2880	1143	2880	1173	294.00	294.00	59.21	59.21	44.60	44.60	2.14	SI
2 Piso	P17	Bottom	0.944+W+	-17.64	1.03	0.84	2880	1144	2880	1174	294.00	294.00	59.26	59.26	44.65	44.65	-9.77	SI
2 Piso	P17	Top	1.244+W+	8.90	1.03	0.84	2880	1145	2880	1175	294.00	294.00	59.32	59.32	44.67	44.71	2.14	SI
2 Piso	P17	Bottom	0.944+W+	-17.64	1.03	0.84	2880	1146	2880	1176	294.00	294.00	59.37	59.37	44.71	44.75	-9.77	SI
2 Piso	P17	Top	1.244+W+	8.90	1.03	0.84	2880	1147	2880	1177	294.00	294.00	59.42	59.42	44.75	44.79	2.14	SI
2 Piso	P17	Bottom	0.944+W+	-17.64	1.03	0.84	2880	1148	2880	1178	294.00	294.00	59.47	59.47	44.79	44.79	-9.77	SI
2 Piso	P17	Top	1.244+W+	8.90	1.03	0.84	2880	1149	2880	1179	294.00	294.00	59.52	59.52	44.83	44.83	2.14	SI
2 Piso	P17	Bottom	0.944+W+	-17.64	1.03	0.84	2880	1150	2880	1180	294.00	294.00	59.58	59.58	44.87	44.87	-9.77	SI
2 Piso	P15	Top	1.2+E+	5.89	1.05	0.84	2400	1151	2400	1151	294.00	294.00	49.82	49.82	37.49	37.49	1.15	SI
2 Piso	P15	Bottom	0.9+E+	-17.76	1.05	0.84	2400	1152	2400	1152	294.00	294.00	49.73	49.73	37.49	37.49	-4.16	SI
2 Piso	P15	Top	1.242+E+	5.24	1.05	0.84	2400	1153	2400	1153	294.00	294.00	49.78	49.78	37.49	37.49	1.14	SI
2 Piso	P15	Bottom	0.942+E+	-16.81	1.05	0.84	2400	1154	2400	1154	294.00	294.00	49.82	49.82	37.50	37.50	-10.54	SI

CONSULTORÍA PARA REALIZAR LOS ESTUDIOS PARA LA INTERVENCIÓN INTEGRAL A LA BIBLIOTECA CENTRAL DE LAS FUERZAS MILITARES "TOMÁS RUEDA VARGAS"

STORY	MURO	JOC.	COMB	P u [ton]	Area ... [cm²]	ζ	As ext [cm²]	fy ext [kg/cm²]	As int [cm²]	fy int [kg/cm²]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn int [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	MUZ [ton-m]	Cumple
2 Piso	P19	Top	E2=3-W+ Lcub	-8.47	1.06	0.84	2400	1155	2400	1155	294.00	294.00	49.66	49.66	37.55	37.55	1.18	SI
2 Piso	P19	Eqtam	E2=3-W+ Lcub	-17.26	1.06	0.87	2400	1156	2400	1156	294.00	294.00	48.91	48.91	37.58	37.58	-3.33	SI
2 Piso	P19	Top	E2=3-W+ Lcub	-8.47	1.06	0.84	2400	1157	2400	1157	294.00	294.00	49.95	49.95	37.62	37.62	1.18	SI
2 Piso	P19	Eqtam	E2=3-W+ Lcub	-17.26	1.06	0.87	2400	1158	2400	1158	294.00	294.00	48.66	48.66	37.65	37.65	-3.33	SI
2 Piso	P19	Top	E2=3-W+ Lcub	8.47	1.06	0.84	2400	1159	2400	1159	294.00	294.00	50.03	50.03	37.68	37.68	1.18	SI
2 Piso	P19	Eqtam	E2=3-W+ Lcub	-17.26	1.06	0.87	2400	1160	2400	1160	294.00	294.00	50.09	50.09	37.71	37.71	-3.33	SI
2 Piso	P19	Top	E2=3-W+ Lcub	8.47	1.06	0.84	2400	1161	2400	1161	294.00	294.00	50.12	50.12	37.75	37.75	1.18	SI
2 Piso	P19	Eqtam	E2=3-W+ Lcub	-17.2	1.06	0.84	2400	1162	2400	1162	294.00	294.00	50.16	50.16	37.78	37.78	-3.33	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.14	1.06	0.87	2400	1163	2400	1163	294.00	294.00	50.21	50.21	37.81	37.81	1.16	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-17.52	1.06	0.84	2400	1164	2400	1164	294.00	294.00	50.25	50.25	37.85	37.85	-8.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.14	1.06	0.84	2400	1165	2400	1165	294.00	294.00	50.26	50.29	37.88	37.88	1.16	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-17.52	1.06	0.84	2400	1166	2400	1166	294.00	294.00	50.34	51.34	37.91	37.91	-8.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.14	1.06	0.84	2400	1167	2400	1167	294.00	294.00	50.38	52.38	37.94	37.94	1.16	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-17.52	1.06	0.84	2400	1168	2400	1168	294.00	294.00	50.42	51.42	37.98	37.98	-8.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.14	1.06	0.84	2400	1169	2400	1169	294.00	294.00	50.47	51.47	38.01	38.01	1.16	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-17.5	1.06	0.87	2400	1170	2400	1170	294.00	294.00	50.51	51.51	38.04	38.04	-0.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.14	1.06	0.84	2400	1171	2400	1171	294.00	294.00	50.55	51.55	38.07	38.07	2.7	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-16.26	1.06	0.84	2400	1172	2400	1172	294.00	294.00	50.60	51.60	38.11	38.11	-8.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	4.68	1.06	0.84	2400	1173	2400	1173	294.00	294.00	50.64	50.64	38.14	38.14	0.98	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-15.5	1.06	0.84	2400	1174	2400	1174	294.00	294.00	50.68	50.93	38.17	38.17	-8.23	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-4.68	1.06	0.84	2400	1175	2400	1175	294.00	294.00	50.73	51.73	38.20	38.20	1.17	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-15.6	1.06	0.84	2400	1176	2400	1176	294.00	294.00	50.77	51.77	38.24	38.24	-7.98	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-5.32	1.06	0.84	2400	1177	2400	1177	294.00	294.00	50.81	51.81	38.27	38.27	1.10	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-16.2	1.06	0.84	2400	1178	2400	1178	294.00	294.00	50.85	51.86	38.30	38.30	-8.24	SI
2 Piso	P19	Top	E2=4-W+ Lcub	4.50	1.06	0.84	2400	1179	2400	1179	294.00	294.00	50.90	51.90	38.33	38.33	1.08	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-12.51	1.06	0.84	2400	1180	2400	1180	294.00	294.00	50.94	51.94	38.37	38.37	-2.53	SI
2 Piso	P19	Top	E2=4-W+ Lcub	4.60	1.06	0.84	2400	1181	2400	1181	294.00	294.00	50.98	51.98	38.40	38.40	1.06	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-12.54	1.06	0.84	2400	1182	2400	1182	294.00	294.00	51.03	51.03	38.43	38.43	-2.53	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-4.50	1.06	0.84	2400	1183	2400	1183	294.00	294.00	51.07	51.07	38.46	38.46	1.06	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-12.54	1.06	0.84	2400	1184	2400	1184	294.00	294.00	51.11	51.11	38.50	38.50	-2.53	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-4.50	1.06	0.84	2400	1185	2400	1185	294.00	294.00	51.16	51.16	38.53	38.53	1.06	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-12.50	1.06	0.84	2400	1186	2400	1186	294.00	294.00	51.20	51.20	38.56	38.56	-2.53	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-3.90	1.06	0.84	2400	1187	2400	1187	294.00	294.00	51.24	51.24	38.59	38.59	1.02	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-11.83	1.06	0.84	2400	1188	2400	1188	294.00	294.00	51.29	51.29	38.63	38.63	-4.35	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-3.42	1.06	0.84	2400	1189	2400	1189	294.00	294.00	51.33	51.33	38.66	38.66	0.14	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-10.89	1.06	0.84	2400	1190	2400	1190	294.00	294.00	51.37	51.37	38.69	38.69	-1.28	SI
2 Piso	P19	Top	E2=4-W+ Lcub	3.38	1.06	0.84	2400	1191	2400	1191	294.00	294.00	51.42	52.42	38.72	38.72	0.12	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-11.00	1.06	0.84	2400	1192	2400	1192	294.00	294.00	51.46	51.46	38.76	38.76	-2.14	SI
2 Piso	P19	Top	E2=4-W+ Lcub	3.84	1.06	0.84	2400	1193	2400	1193	294.00	294.00	51.50	51.50	38.79	38.79	0.15	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-11.74	1.06	0.84	2400	1194	2400	1194	294.00	294.00	51.55	51.55	38.82	38.82	-2.00	SI
2 Piso	P19	Top	E2=4-W+ Lcub	-0.02	1.06	0.84	2400	1195	2400	1195	294.00	294.00	51.59	51.59	38.85	38.85	0.16	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-17.75	1.06	0.84	2400	1196	2400	1196	294.00	294.00	51.63	51.63	38.89	38.89	-10.56	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.85	1.06	0.84	2400	1197	2400	1197	294.00	294.00	51.68	51.68	38.92	38.92	1.40	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-20.14	1.06	0.84	2400	1198	2400	1198	294.00	294.00	51.72	51.72	38.95	38.95	-4.20	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.65	1.06	0.84	2400	1199	2400	1199	294.00	294.00	51.76	51.76	38.98	38.98	1.40	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-20.14	1.06	0.84	2400	1200	2400	1200	294.00	294.00	51.80	51.80	39.02	39.02	-4.20	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.65	1.06	0.84	2400	1201	2400	1201	294.00	294.00	51.85	51.85	39.05	39.05	1.40	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-20.14	1.06	0.84	2400	1202	2400	1202	294.00	294.00	51.88	51.88	39.08	39.08	-4.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.65	1.06	0.84	2400	1203	2400	1203	294.00	294.00	51.93	51.93	39.11	39.11	1.40	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-20.14	1.06	0.84	2400	1204	2400	1204	294.00	294.00	51.96	51.96	39.15	39.15	-4.39	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.82	1.06	0.87	2400	1205	2400	1205	294.00	294.00	52.02	52.02	39.18	39.18	1.96	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-18.40	1.06	0.84	2400	1206	2400	1206	294.00	294.00	52.06	52.06	39.21	39.21	-8.14	SI
2 Piso	P19	Top	E2=4-W+ Lcub	8.82	1.06	0.84	2400	1207	2400	1207	294.00	294.00	52.11	52.11	39.24	39.24	1.96	SI
2 Piso	P19	Eqtam	E2=4-W+ Lcub	-18.40	1.06	0.84	2400	1208	2400	1208	294.00	294.00	52.15	52.15	39.28	39.28	-8.14	SI

ANEXO 5. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PERPENDICULAR AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	MURO	LOC.	COMB	Pu (ton)	Area acc (m²)	ρ	As req (mm²)	fy req (Mpa)	As min (mm²)	fy min (Mpa)	S req (mm)	Ø req (mm)	Mu req (ton-m)	Mn req (ton-m)	ØMn req (ton-m)	ØMn int (ton-m)	MCR (ton-m)	Cumple
2	Piso	P19	Top	B244-Wy-G	-6.62	1.06	0.94	2400	1209	2400	1209	294.00	294.00	52.19	58.19	36.91	38.31	1.18	SI
2	Piso	P19	Bottom	B244-Wy-G	-15.41	1.06	0.94	2400	1210	2400	1210	294.00	294.00	52.24	58.24	36.94	38.34	-8.14	SI
2	Piso	P19	Top	B244-Wy-G	-6.62	1.06	0.94	2400	1211	2400	1211	294.00	294.00	52.28	58.28	36.97	38.37	1.18	SI
2	Piso	P19	Bottom	B244-Wy-G	-15.41	1.06	0.94	2400	1212	2400	1212	294.00	294.00	52.32	58.32	36.99	38.39	-8.14	SI
2	Piso	P20	Top	B241	-5.98	1.07	0.94	2400	1213	2400	1213	294.00	294.00	52.37	58.37	39.44	39.44	2.16	SI
2	Piso	P20	Bottom	B241	-17.38	1.07	0.96	2400	1214	2400	1214	294.00	294.00	52.41	58.41	39.47	39.47	-4.93	SI
2	Piso	P20	Top	B242 Lcub	-5.61	1.07	0.94	2400	1215	2400	1215	294.00	294.00	52.45	58.45	39.50	39.50	2.10	SI
2	Piso	P20	Bottom	B242 Lcub	-16.21	1.07	0.96	2400	1216	2400	1216	294.00	294.00	52.50	58.50	39.54	39.54	-10.61	SI
2	Piso	P20	Top	B243-Wy+ Lcub	-6.70	1.07	0.94	2400	1217	2400	1217	294.00	294.00	52.54	58.54	39.57	39.57	2.02	SI
2	Piso	P20	Bottom	B243-Wy+ Lcub	-16.80	1.07	0.96	2400	1218	2400	1218	294.00	294.00	52.58	58.58	39.60	39.60	-4.16	SI
2	Piso	P20	Top	B243-Wy+ Lcub	-6.78	1.07	0.94	2400	1219	2400	1219	294.00	294.00	52.62	57.63	39.63	39.63	2.02	SI
2	Piso	P20	Bottom	B243-Wy+ Lcub	-16.98	1.07	0.96	2400	1220	2400	1220	294.00	294.00	52.67	58.67	39.67	39.67	-4.16	SI
2	Piso	P20	Top	B243-Wy+ Lcub	-6.78	1.07	0.94	2400	1221	2400	1221	294.00	294.00	52.71	57.71	39.70	39.70	2.02	SI
2	Piso	P20	Bottom	B243-Wy+ Lcub	-16.98	1.07	0.96	2400	1222	2400	1222	294.00	294.00	52.75	58.75	39.73	39.73	-4.16	SI
2	Piso	P20	Top	B243-Wy+ Lcub	-6.78	1.07	0.94	2400	1223	2400	1223	294.00	294.00	52.80	57.80	39.76	39.76	2.02	SI
2	Piso	P20	Bottom	B243-Wy+ Lcub	-16.98	1.07	0.96	2400	1224	2400	1224	294.00	294.00	52.84	58.84	39.80	39.80	-4.16	SI
2	Piso	P20	Top	B244-Wy+ Lcub	-6.45	1.07	0.94	2400	1225	2400	1225	294.00	294.00	52.88	57.88	39.83	39.83	2.10	SI
2	Piso	P20	Bottom	B244-Wy+ Lcub	-16.56	1.07	0.96	2400	1226	2400	1226	294.00	294.00	52.93	58.93	39.86	39.86	-8.35	SI
2	Piso	P20	Top	B244-Wy+ Lcub	-6.45	1.07	0.94	2400	1227	2400	1227	294.00	294.00	52.97	57.97	39.88	39.88	2.10	SI
2	Piso	P20	Bottom	B244-Wy+ Lcub	-16.56	1.07	0.96	2400	1228	2400	1228	294.00	294.00	53.01	59.01	39.91	39.91	-8.35	SI
2	Piso	P20	Top	B244-Wy+ Lcub	-6.45	1.07	0.94	2400	1229	2400	1229	294.00	294.00	53.05	57.05	39.94	39.94	2.10	SI
2	Piso	P20	Bottom	B244-Wy+ Lcub	-16.56	1.07	0.96	2400	1230	2400	1230	294.00	294.00	53.10	59.10	39.97	39.97	-8.35	SI
2	Piso	P20	Top	B244-Wy+ Lcub	-6.45	1.07	0.94	2400	1231	2400	1231	294.00	294.00	53.14	57.14	40.00	40.00	2.10	SI
2	Piso	P20	Bottom	B244-Wy+ Lcub	-16.56	1.07	0.96	2400	1232	2400	1232	294.00	294.00	53.19	59.19	40.03	40.03	-8.35	SI
2	Piso	P20	Top	B245 Ey+	-6.54	1.07	0.94	2400	1233	2400	1233	294.00	294.00	53.23	57.23	40.06	40.06	2.18	SI
2	Piso	P20	Bottom	B245 Ey+	-15.84	1.07	0.96	2400	1234	2400	1234	294.00	294.00	53.27	59.27	40.10	40.12	-8.21	SI
2	Piso	P20	Top	B245 Ey+	-4.85	1.07	0.94	2400	1235	2400	1235	294.00	294.00	53.32	57.32	40.13	40.15	1.74	SI
2	Piso	P20	Bottom	B245 Ey+	-15.00	1.07	0.96	2400	1236	2400	1236	294.00	294.00	53.36	59.36	40.16	40.18	-6.53	SI
2	Piso	P20	Top	B245 Ey+	-5.26	1.07	0.94	2400	1237	2400	1237	294.00	294.00	53.40	57.40	40.22	40.22	2.45	SI
2	Piso	P20	Bottom	B245 Ey+	-15.01	1.07	0.96	2400	1238	2400	1238	294.00	294.00	53.45	59.45	40.25	40.25	-6.20	SI
2	Piso	P20	Top	B246 Ey-	5.02	1.07	0.94	2400	1239	2400	1239	294.00	294.00	53.48	57.48	40.28	40.28	2.07	SI
2	Piso	P20	Bottom	B245 Ey-	-15.24	1.07	0.96	2400	1240	2400	1240	294.00	294.00	53.53	59.53	40.32	40.32	-8.24	SI
2	Piso	P20	Top	B246 Wx+	4.72	1.07	0.94	2400	1241	2400	1241	294.00	294.00	53.57	57.57	40.34	40.35	1.76	SI
2	Piso	P20	Bottom	B246 Wx+	-12.22	1.07	0.96	2400	1242	2400	1242	294.00	294.00	53.62	59.62	40.38	40.38	-5.38	SI
2	Piso	P20	Top	B246 Wx-	-4.72	1.07	0.94	2400	1243	2400	1243	294.00	294.00	53.66	57.66	40.41	40.41	1.76	SI
2	Piso	P20	Bottom	B246 Wx-	-12.22	1.07	0.96	2400	1244	2400	1244	294.00	294.00	53.70	59.70	40.44	40.45	-5.38	SI
2	Piso	P20	Top	B246 Wx+	-4.72	1.07	0.94	2400	1245	2400	1245	294.00	294.00	53.75	57.75	40.48	40.48	1.76	SI
2	Piso	P20	Bottom	B246 Wx+	-12.22	1.07	0.96	2400	1246	2400	1246	294.00	294.00	53.79	59.79	40.51	40.51	-5.38	SI
2	Piso	P20	Top	B246 Wx-	-4.72	1.07	0.94	2400	1247	2400	1247	294.00	294.00	53.83	57.83	40.54	40.54	1.76	SI
2	Piso	P20	Bottom	B246 Wx-	-12.22	1.07	0.96	2400	1248	2400	1248	294.00	294.00	53.88	59.88	40.58	40.58	-5.38	SI
2	Piso	P20	Top	B247 Ey+	-4.19	1.07	0.94	2400	1249	2400	1249	294.00	294.00	53.92	57.92	40.61	40.61	2.17	SI
2	Piso	P20	Bottom	B247 Ey+	-17.59	1.07	0.96	2400	1250	2400	1250	294.00	294.00	53.96	59.96	40.64	40.64	-4.97	SI
2	Piso	P20	Top	B247 Ey-	-3.48	1.07	0.94	2400	1251	2400	1251	294.00	294.00	54.01	58.01	40.67	40.67	0.53	SI
2	Piso	P20	Bottom	B247 Ey-	-19.77	1.07	0.96	2400	1252	2400	1252	294.00	294.00	54.05	60.05	40.71	40.71	-3.29	SI
2	Piso	P20	Top	B247 Ey+	-4.00	1.07	0.94	2400	1253	2400	1253	294.00	294.00	54.09	58.09	40.74	40.74	1.94	SI
2	Piso	P20	Bottom	B247 Ey+	-11.90	1.07	0.96	2400	1254	2400	1254	294.00	294.00	54.14	60.14	40.77	40.77	-2.86	SI
2	Piso	P20	Top	B247 Ey-	-3.67	1.07	0.94	2400	1255	2400	1255	294.00	294.00	54.18	58.18	40.80	40.80	1.76	SI
2	Piso	P20	Bottom	B247 Ey-	-10.06	1.07	0.96	2400	1256	2400	1256	294.00	294.00	54.22	60.22	40.84	40.84	-3.00	SI
2	Piso	P20	Top	B247 Ey-	-6.33	1.07	0.94	2400	1257	2400	1257	294.00	294.00	54.27	58.27	40.87	40.87	3.15	SI
2	Piso	P20	Bottom	B247 Ey-	-17.12	1.07	0.96	2400	1258	2400	1258	294.00	294.00	54.31	60.31	40.90	40.90	-10.85	SI
2	Piso	P20	Top	B243-Wy- G	-9.05	1.07	0.94	2400	1259	2400	1259	294.00	294.00	54.35	58.35	40.93	40.93	3.51	SI
2	Piso	P20	Bottom	B243-Wy- G	-18.65	1.07	0.96	2400	1260	2400	1260	294.00	294.00	54.40	60.40	40.97	40.97	-4.47	SI
2	Piso	P20	Top	B243-Wy- G	-9.05	1.07	0.94	2400	1261	2400	1261	294.00	294.00	54.44	58.44	41.00	41.00	3.51	SI
2	Piso	P20	Bottom	B243-Wy- G	-18.65	1.07	0.96	2400	1262	2400	1262	294.00	294.00	54.48	60.48	41.03	41.03	-4.47	SI

STORY	WALL	LOC.	COMB	Pu (ton)	Area (m²)	ρ	As ext (cm²)	fy ext (kg/cm²)	As int (cm²)	fy int (kg/cm²)	d ext (cm)	d int (cm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M33 (ton-m)	Cumple
2 Piso	P20	Top	B243-Wx+ G	-9.08	1.07	0.84	2400	4200	1263	2400	294.00	294.00	54.57	54.52	41.06	41.08	3.11	SI
2 Piso	P20	Bottom	B243-Wx+ G	-19.8	1.07	0.84	2400	4200	1264	2400	294.00	294.00	54.57	54.67	41.10	41.10	-4.12	SI
2 Piso	P20	Top	B243-Wy+ G	-9.08	1.07	0.84	2400	4200	1265	2400	294.00	294.00	54.61	54.61	41.12	41.13	3.11	SI
2 Piso	P20	Bottom	B243-Wy+ G	-10.63	1.07	0.84	2400	4200	1266	2400	294.00	294.00	54.65	54.65	41.16	41.16	-4.12	SI
2 Piso	P20	Top	B244-Wx- G	-7.17	1.07	0.84	2400	4200	1267	2400	294.00	294.00	54.70	54.70	41.19	41.19	3.15	SI
2 Piso	P20	Bottom	B244-Wx- G	-17.8	1.07	0.84	2400	4200	1268	2400	294.00	294.00	54.74	54.74	41.22	41.23	-8.44	SI
2 Piso	P20	Top	B244-Wy+ G	-7.17	1.07	0.84	2400	4200	1269	2400	294.00	294.00	54.78	54.79	41.26	41.26	3.15	SI
2 Piso	P20	Bottom	B244-Wy+ G	-17.8	1.07	0.84	2400	4200	1270	2400	294.00	294.00	54.82	54.83	41.29	41.29	-8.44	SI
2 Piso	P20	Top	B244-Wy- G	-7.17	1.07	0.84	2400	4200	1271	2400	294.00	294.00	54.87	54.87	41.32	41.32	3.15	SI
2 Piso	P20	Bottom	B244-Wy- G	-17.8	1.07	0.84	2400	4200	1272	2400	294.00	294.00	54.91	54.91	41.36	41.36	-8.44	SI
2 Piso	P20	Top	B244-Wx+ G	-7.17	1.07	0.84	2400	4200	1273	2400	294.00	294.00	54.96	54.96	41.39	41.39	3.15	SI
2 Piso	P20	Bottom	B244-Wx+ G	-17.8	1.07	0.84	2400	4200	1274	2400	294.00	294.00	55.00	55.00	41.42	41.42	-8.44	SI
2 Piso	P21	Top	B241	8.91	1.07	0.80	2880	4200	1275	2880	294.00	294.00	66.05	65.05	49.74	49.74	3.09	SI
2 Piso	P21	Bottom	B241	-18.9	1.07	0.94	3380	4200	1276	2880	294.00	294.00	66.10	65.10	49.78	49.78	-7.37	SI
2 Piso	P21	Top	B242 Lcub	6.44	1.07	0.80	2880	4200	1277	2880	294.00	294.00	66.15	65.15	49.82	49.82	3.42	SI
2 Piso	P21	Bottom	B242 Lcub	-17.5	1.07	0.84	3380	4200	1278	2880	294.00	294.00	66.21	65.21	49.86	49.86	-10.40	SI
2 Piso	P21	Top	L(2+3-Wy+) Lcub	-7.85	1.07	0.80	2880	4200	1279	2880	294.00	294.00	66.26	65.25	49.90	49.90	3.15	SI
2 Piso	P21	Bottom	B(2+3-Wy+) Lcub	-18.05	1.07	0.80	2880	4200	1280	2880	294.00	294.00	66.31	65.31	49.94	49.94	-7.36	SI
2 Piso	P21	Top	B(2+3-Wy+) Lcub	-7.85	1.07	0.84	3380	4200	1281	2880	294.00	294.00	65.36	65.35	49.98	49.98	3.15	SI
2 Piso	P21	Bottom	B(2+3-Wy+) Lcub	-18.05	1.07	0.80	2880	4200	1282	2880	1785	294.00	294.00	66.41	65.41	50.02	50.02	-7.36	SI
2 Piso	P21	Top	B(2+3-Wy+) Lcub	-7.85	1.07	0.80	2880	4200	1283	2880	1283	294.00	294.00	66.47	65.47	50.06	50.06	3.15	SI
2 Piso	P21	Bottom	B(2+3-Wy+) Lcub	-18.0	1.07	0.84	3380	4200	1284	2880	1784	294.00	294.00	66.52	65.52	50.10	50.10	-7.36	SI
2 Piso	P21	Top	B(2+3-Wy+) Lcub	-7.85	1.07	0.80	2880	4200	1285	2880	1285	294.00	294.00	66.57	65.57	50.13	50.13	3.15	SI
2 Piso	P21	Bottom	B(2+3-Wy+) Lcub	-18.0	1.07	0.84	3380	4200	1286	2880	1226	294.00	294.00	66.62	65.62	50.17	50.17	-7.36	SI
2 Piso	P21	Top	B(2+4-Wx+) Lcub	-7.31	1.07	0.80	2880	4200	1287	2880	1287	294.00	294.00	66.67	65.67	50.21	50.21	3.10	SI
2 Piso	P21	Bottom	B(2+4-Wx+) Lcub	-18.2	1.07	0.80	2880	4200	1288	2880	1288	294.00	294.00	66.72	65.72	50.25	50.25	-8.45	SI
2 Piso	P21	Top	B(2+4-Wx+) Lcub	-7.31	1.07	0.84	3380	4200	1289	2880	1289	294.00	294.00	66.78	65.78	50.29	50.29	3.10	SI
2 Piso	P21	Bottom	B(2+4-Wx+) Lcub	-18.2	1.07	0.80	3380	4200	1290	2880	1290	294.00	294.00	66.83	65.83	50.33	50.33	-8.45	SI
2 Piso	P21	Top	B(2+4-Wx+) Lcub	-7.31	1.07	0.84	3380	4200	1291	2880	1291	294.00	294.00	66.88	65.83	50.37	50.37	3.10	SI
2 Piso	P21	Bottom	B(2+4-Wx+) Lcub	-18.2	1.07	0.80	2880	4200	1292	2880	1292	294.00	294.00	66.93	65.93	50.41	50.41	-8.45	SI
2 Piso	P21	Top	B(2+4-Wx+) Lcub	7.31	1.07	0.84	3380	4200	1293	2880	1293	294.00	294.00	66.98	65.98	50.45	50.45	3.10	SI
2 Piso	P21	Bottom	B(2+4-Wx+) Lcub	-18.2	1.07	0.84	3380	4200	1294	2880	1294	294.00	294.00	67.04	67.04	50.49	50.49	-8.45	SI
2 Piso	P21	Top	B245-Ey+	8.61	1.07	0.80	2880	4200	1295	2880	1295	294.00	294.00	67.08	67.08	50.53	50.53	3.14	SI
2 Piso	P21	Bottom	B245-Ey+	-17.9	1.07	0.84	3380	4200	1296	2880	1298	294.00	294.00	67.14	67.14	50.56	50.56	-8.50	SI
2 Piso	P21	Top	B245-Ey-	8.38	1.07	0.80	2880	4200	1297	2880	1297	294.00	294.00	67.19	67.19	50.60	50.60	3.09	SI
2 Piso	P21	Bottom	B245-Ey-	-18.2	1.07	0.84	3380	4200	1298	2880	1298	294.00	294.00	67.24	67.24	50.64	50.64	-8.50	SI
2 Piso	P21	Top	B245-Ey+	8.86	1.07	0.84	3380	4200	1299	2880	1799	294.00	294.00	67.29	67.29	50.68	50.68	3.11	SI
2 Piso	P21	Bottom	B245-Ey+	-16.7	1.07	0.80	2880	4200	1300	2880	1300	294.00	294.00	67.35	67.35	50.72	50.72	-8.31	SI
2 Piso	P21	Top	B245-Ey-	-8.21	1.07	0.84	3380	4200	1301	2880	1301	294.00	294.00	67.40	67.40	50.76	50.76	2.93	SI
2 Piso	P21	Bottom	B245-Ey-	-16.5	1.07	0.80	2880	4200	1302	2880	1302	294.00	294.00	67.45	67.45	50.80	50.80	-8.24	SI
2 Piso	P21	Top	B246-Wx+	5.35	1.07	0.84	3380	4200	1303	2880	1303	294.00	294.00	67.50	67.50	50.84	50.84	2.10	SI
2 Piso	P21	Bottom	B246-Wx+	-13.1	1.07	0.84	3380	4200	1304	2880	1304	294.00	294.00	67.55	67.55	50.88	50.88	-5.24	SI
2 Piso	P21	Top	B246-Wx-	5.35	1.07	0.84	3380	4200	1305	2880	1305	294.00	294.00	67.61	67.61	50.92	50.92	2.10	SI
2 Piso	P21	Bottom	B246-Wx-	-13.1	1.07	0.84	3380	4200	1306	2880	1306	294.00	294.00	67.66	67.66	50.96	50.96	-5.24	SI
2 Piso	P21	Top	B246-Wx+	5.35	1.07	0.84	3380	4200	1307	2880	1307	294.00	294.00	67.71	67.71	50.99	50.99	2.10	SI
2 Piso	P21	Bottom	B246-Wx+	-13.1	1.07	0.84	3380	4200	1308	2880	1308	294.00	294.00	67.75	67.76	51.03	51.03	-5.24	SI
2 Piso	P21	Top	B246-Wy+	5.35	1.07	0.84	3380	4200	1309	2880	1309	294.00	294.00	67.81	67.81	51.07	51.07	2.10	SI
2 Piso	P21	Bottom	B246-Wy+	-13.1	1.07	0.84	3380	4200	1310	2880	1310	294.00	294.00	67.85	67.85	51.11	51.11	-5.24	SI
2 Piso	P21	Top	B247-Ey+	5.35	1.07	0.84	3380	4200	1311	2880	1311	294.00	294.00	67.92	67.92	51.15	51.15	2.16	SI
2 Piso	P21	Bottom	B247-Ey+	-12.8	1.07	0.84	3380	4200	1312	2880	1312	294.00	294.00	67.97	67.97	51.19	51.18	-5.33	SI
2 Piso	P21	Top	B247-Ey-	-8.92	1.07	0.84	3380	4200	1313	2880	1313	294.00	294.00	68.02	68.02	51.23	51.23	2.11	SI
2 Piso	P21	Bottom	B247-Ey-	-11.5	1.07	0.84	3380	4200	1314	2880	1314	294.00	294.00	68.07	68.07	51.27	51.27	-4.71	SI
2 Piso	P21	Top	B247-Ey+	-4.42	1.07	0.84	3380	4200	1315	2880	1315	294.00	294.00	68.12	68.12	51.31	51.31	2.18	SI
2 Piso	P21	Bottom	B247-Ey+	-12.0	1.07	0.84	3380	4200	1316	2880	1316	294.00	294.00	68.18	68.18	51.34	51.34	-5.15	SI

Story	Label	Joint	Combo	Pu (ton)	Area (cm²)	Ix	Asx ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (cm)	d int (cm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	M33 (ton-m)	Compla
2 Piso	P21	Top	B247-Ex-	-4.45	1.07	0.84	2880	1317	2880	1317	294.00	294.00	68.22	68.22	51.38	51.38	1.16	SI
2 Piso	P21	Bottom	B247-Ex-	-12.26	1.07	0.84	2880	1318	2880	1318	294.00	294.00	68.28	68.28	51.42	51.42	-5.19	SI
2 Piso	P21	Top	B24 ! G	-7.14	1.07	0.84	2880	1319	2880	1319	294.00	294.00	68.33	68.33	51.46	51.46	3.12	SI
2 Piso	P21	Bottom	B24 ! G	-18.47	1.07	0.84	2880	1320	2880	1320	294.00	294.00	68.38	68.38	51.50	51.50	-10.06	SI
2 Piso	P21	Top	B243-Wx- G	-10.00	1.07	0.84	2880	1321	2880	1321	294.00	294.00	68.43	68.43	51.54	51.54	4.17	SI
2 Piso	P21	Bottom	B243-Wx- G	-20.6	1.07	0.84	2880	1322	2880	1322	294.00	294.00	68.49	68.49	51.58	51.58	-7.37	SI
2 Piso	P21	Top	B243-Wy- G	-10.00	1.07	0.84	2880	1323	2880	1323	294.00	294.00	68.54	68.54	51.62	51.62	4.17	SI
2 Piso	P21	Bottom	B243-Wy- G	-20.6	1.07	0.84	2880	1324	2880	1324	294.00	294.00	68.59	68.59	51.66	51.66	-7.37	SI
2 Piso	P21	Top	B243-W+ G	-10.00	1.07	0.84	2880	1325	2880	1325	294.00	294.00	68.64	68.64	51.70	51.70	4.17	SI
2 Piso	P21	Bottom	B243-W+ G	-20.6	1.07	0.84	2880	1326	2880	1326	294.00	294.00	68.69	68.69	51.73	51.73	-7.37	SI
2 Piso	P21	Top	B243-Wy+ G	-10.07	1.07	0.84	2880	1327	2880	1327	294.00	294.00	68.75	68.75	51.77	51.77	4.17	SI
2 Piso	P21	Bottom	B243-Wy+ G	-20.65	1.07	0.84	2880	1328	2880	1328	294.00	294.00	68.80	68.80	51.81	51.81	-7.37	SI
2 Piso	P21	Top	B244-Wx- G	-8.05	1.07	0.84	2880	1329	2880	1329	294.00	294.00	68.85	68.85	51.85	51.85	3.90	SI
2 Piso	P21	Bottom	B244-Wx- G	-19.07	1.07	0.84	2880	1330	2880	1330	294.00	294.00	68.90	68.90	51.89	51.89	-8.35	SI
2 Piso	P21	Top	B244-Wy- G	-8.05	1.07	0.84	2880	1331	2880	1331	294.00	294.00	68.95	68.95	51.93	51.93	3.90	SI
2 Piso	P21	Bottom	B244-Wy- G	-19.07	1.07	0.84	2880	1332	2880	1332	294.00	294.00	69.00	69.00	51.97	51.97	-8.35	SI
2 Piso	P21	Top	B244-Wy+ G	-8.05	1.07	0.84	2880	1333	2880	1333	294.00	294.00	69.06	69.06	52.01	52.01	3.90	SI
2 Piso	P21	Bottom	B244-Wy+ G	-19.0	1.07	0.84	2880	1334	2880	1334	294.00	294.00	69.11	69.11	52.05	52.05	-8.35	SI
2 Piso	P21	Top	B244-W+ G	-8.05	1.07	0.84	2880	1335	2880	1335	294.00	294.00	69.16	69.16	52.09	52.09	3.90	SI
2 Piso	P21	Bottom	B244-W+ G	-19.0	1.07	0.84	2880	1336	2880	1336	294.00	294.00	69.21	69.21	52.12	52.12	-8.35	SI
2 Piso	P22	Top	B24 I	3.04	0.15	0.84	2400	1337	2400	1337	294.00	294.00	57.72	57.72	43.47	43.47	0.10	SI
2 Piso	P22	Bottom	B24 I	-11.8	0.15	0.84	2400	1338	2400	1338	294.00	294.00	57.75	57.75	43.50	43.50	-0.54	SI
2 Piso	P22	Top	B242 Loub	2.56	0.15	0.84	2400	1339	2400	1339	294.00	294.00	57.81	57.81	43.51	43.51	-0.18	SI
2 Piso	P22	Bottom	B242 Loub	-12.9	0.15	0.84	2400	1340	2400	1340	294.00	294.00	57.85	57.85	43.57	43.57	-0.80	SI
2 Piso	P22	Top	I243-W+ Loub	-3.50	0.15	0.84	2400	1341	2400	1341	294.00	294.00	57.89	57.89	43.60	43.60	0.10	SI
2 Piso	P22	Bottom	I243-W+ Loub	-11.34	0.15	0.84	2400	1342	2400	1342	294.00	294.00	57.84	57.84	43.63	43.63	-0.28	SI
2 Piso	P22	Top	I243-Wx- Loub	3.50	0.15	0.84	2400	1343	2400	1343	294.00	294.00	57.08	57.08	43.66	43.66	0.10	SI
2 Piso	P22	Bottom	I243-Wx- Loub	-11.34	0.15	0.84	2400	1344	2400	1344	294.00	294.00	58.02	58.02	43.70	43.70	-0.29	SI
2 Piso	P22	Top	I243-Wy+ Loub	3.50	0.15	0.84	2400	1345	2400	1345	294.00	294.00	58.06	58.06	43.73	43.73	0.10	SI
2 Piso	P22	Bottom	I243-Wy+ Loub	-11.34	0.15	0.84	2400	1346	2400	1346	294.00	294.00	58.11	58.11	43.76	43.76	-0.29	SI
2 Piso	P22	Top	I243-W+ Loub	3.50	0.15	0.84	2400	1347	2400	1347	294.00	294.00	58.15	58.15	43.79	43.79	0.10	SI
2 Piso	P22	Bottom	I243-W+ Loub	-11.34	0.15	0.84	2400	1348	2400	1348	294.00	294.00	58.19	58.19	43.83	43.83	-0.29	SI
2 Piso	P22	Top	I244-Wx- Loub	3.27	0.15	0.84	2400	1349	2400	1349	294.00	294.00	58.24	58.24	43.86	43.86	-0.32	SI
2 Piso	P22	Bottom	I244-Wx- Loub	-11.1	0.15	0.84	2400	1350	2400	1350	294.00	294.00	58.28	58.28	43.89	43.89	-0.36	SI
2 Piso	P22	Top	I244-Wy- Loub	3.27	0.15	0.84	2400	1351	2400	1351	294.00	294.00	58.32	58.32	43.93	43.93	-0.32	SI
2 Piso	P22	Bottom	I244-Wy- Loub	-11.1	0.15	0.84	2400	1352	2400	1352	294.00	294.00	58.37	58.37	43.96	43.96	-0.36	SI
2 Piso	P22	Top	I244-W+ Loub	3.27	0.15	0.84	2400	1353	2400	1353	294.00	294.00	58.41	58.41	43.99	43.99	-0.32	SI
2 Piso	P22	Bottom	I244-W+ Loub	-11.1	0.15	0.84	2400	1354	2400	1354	294.00	294.00	58.45	58.45	44.03	44.03	-0.36	SI
2 Piso	P22	Top	I244-Wy+ Loub	3.27	0.15	0.84	2400	1355	2400	1355	294.00	294.00	58.50	58.50	44.06	44.06	-0.32	SI
2 Piso	P22	Bottom	I244-Wy+ Loub	-11.1	0.15	0.84	2400	1356	2400	1356	294.00	294.00	58.54	58.54	44.09	44.09	-0.36	SI
2 Piso	P22	Top	S245-Ex+	2.65	0.15	0.84	2400	1357	2400	1357	294.00	294.00	58.58	58.58	44.12	44.12	0.17	SI
2 Piso	P22	Bottom	S245-Ex+	-12.3	0.19	0.84	2400	1358	2400	1358	294.00	294.00	58.63	58.63	44.15	44.15	-0.28	SI
2 Piso	P22	Top	B245-Ex-	2.5	0.15	0.84	2400	1359	2400	1359	294.00	294.00	58.67	58.67	44.18	44.18	-0.11	SI
2 Piso	P22	Bottom	B245-Ex-	-9.12	0.19	0.84	2400	1360	2400	1360	294.00	294.00	58.71	58.71	44.22	44.22	-0.45	SI
2 Piso	P22	Top	S245-Ey+	-2.50	0.19	0.84	2400	1361	2400	1361	294.00	294.00	58.76	58.76	44.25	44.25	-0.11	SI
2 Piso	P22	Bottom	S245-Ey+	-11.2	0.19	0.84	2400	1362	2400	1362	294.00	294.00	58.80	58.80	44.28	44.28	-0.28	SI
2 Piso	P22	Top	B245-Ey-	-2.70	0.19	0.84	2400	1363	2400	1363	294.00	294.00	58.84	58.84	44.32	44.32	0.17	SI
2 Piso	P22	Bottom	B245-Ey-	-9.20	0.19	0.84	2400	1364	2400	1364	294.00	294.00	58.88	58.88	44.35	44.35	-0.17	SI
2 Piso	P22	Top	I-246-Wx+	-2.42	0.19	0.84	2400	1365	2400	1365	294.00	294.00	58.93	58.93	44.38	44.38	0.10	SI
2 Piso	P22	Bottom	I-246-Wx+	-9.21	0.19	0.84	2400	1366	2400	1366	294.00	294.00	58.97	58.97	44.41	44.41	-0.22	SI
2 Piso	P22	Top	I1246 Wx-	-2.42	0.19	0.84	2400	1367	2400	1367	294.00	294.00	59.01	59.01	44.45	44.45	0.10	SI
2 Piso	P22	Bottom	I1246 Wx-	-9.21	0.19	0.84	2400	1368	2400	1368	294.00	294.00	59.06	59.06	44.48	44.48	-0.22	SI
2 Piso	P22	Top	B246 Wx+	-2.42	0.19	0.84	2400	1368	2400	1368	294.00	294.00	59.10	59.10	44.51	44.51	0.10	SI
2 Piso	P22	Bottom	B246 Wx+	-9.21	0.19	0.84	2400	1370	2400	1370	294.00	294.00	59.14	59.14	44.54	44.54	-0.22	SI

STORY	BUILD	LOC.	COMB	Pu (kN)	Asreq (cm²)	ρ	As ext (cm²)	fy ext (Mpa)	As int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mn ext (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu2 (ton-m)	Cumple
2	Piso	P22	Top	8246	Ex+	2.43	0.19	0.84	2400	1371	2400	1371	294.00	294.00	58.19	44.56	44.56	0.00	SI
2	Piso	P22	Bottom	8246	Ex+	8.21	0.19	0.84	2400	1372	2400	1372	294.00	294.00	58.20	44.61	44.61	-0.22	SI
2	Piso	P22	Top	8247	Ex+	2.25	0.19	0.84	2400	1373	2400	1373	294.00	294.00	58.27	44.64	44.64	0.08	SI
2	Piso	P22	Bottom	8247	Ex+	8.65	0.19	0.84	2400	1374	2400	1374	294.00	294.00	58.32	44.67	44.67	-0.15	SI
2	Piso	P22	Top	8247	Ex-	1.66	0.19	0.84	2400	1375	2400	1375	294.00	294.00	58.36	44.71	44.71	-0.39	SI
2	Piso	P22	Bottom	8247	Ex-	5.50	0.19	0.84	2400	1376	2400	1376	294.00	294.00	58.40	44.74	44.74	-0.30	SI
2	Piso	P22	Top	8247	Ey+	0.85	0.19	0.84	2400	1377	2400	1377	294.00	294.00	58.45	44.77	44.77	-0.08	SI
2	Piso	P22	Bottom	8247	Ey+	3.59	0.19	0.84	2400	1378	2400	1378	294.00	294.00	58.48	44.80	44.80	-0.11	SI
2	Piso	P22	Top	8247	Ey-	2.05	0.19	0.84	2400	1379	2400	1379	294.00	294.00	58.53	44.84	44.84	0.09	SI
2	Piso	P22	Bottom	8247	Ey-	6.58	0.19	0.84	2400	1380	2400	1380	294.00	294.00	58.58	44.87	44.87	-0.13	SI
2	Piso	P22	Top	8241	G	3.16	0.19	0.84	2400	1381	2400	1381	294.00	294.00	58.62	44.90	44.90	-0.13	SI
2	Piso	P22	Bottom	8241	G	-11.06	0.19	0.84	2400	1382	2400	1382	294.00	294.00	58.68	44.93	44.93	-0.40	SI
2	Piso	P22	Top	8243	Ex+ G	4.71	0.19	0.84	2400	1383	2400	1383	294.00	294.00	58.71	44.96	44.97	-0.11	SI
2	Piso	P22	Bottom	8243	Ex+ G	-12.89	0.19	0.84	2400	1384	2400	1384	294.00	294.00	58.75	44.99	45.00	-0.29	SI
2	Piso	P22	Top	8243	Ex- G	4.71	0.19	0.84	2400	1385	2400	1385	294.00	294.00	58.78	45.01	45.03	-0.31	SI
2	Piso	P22	Bottom	8243	Ex- G	-12.90	0.19	0.84	2400	1386	2400	1386	294.00	294.00	58.83	45.04	45.06	-0.29	SI
2	Piso	P22	Top	8243	Ey+ G	4.71	0.18	0.84	2400	1387	2400	1387	294.00	294.00	58.86	45.10	45.10	-0.21	SI
2	Piso	P22	Bottom	8243	Ey+ G	-12.90	0.19	0.84	2400	1388	2400	1388	294.00	294.00	58.92	45.13	45.13	-0.39	SI
2	Piso	P22	Top	8243	Ey- G	4.7	0.19	0.84	2400	1389	2400	1389	294.00	294.00	58.96	45.16	46.18	-0.31	SI
2	Piso	P22	Bottom	8243	Ey- G	-12.90	0.19	0.84	2400	1390	2400	1390	294.00	294.00	59.01	45.19	45.19	-0.28	SI
2	Piso	P22	Top	8244	Ex+ G	-3.68	0.19	0.84	2400	1391	2400	1391	294.00	294.00	59.05	45.22	45.23	-0.32	SI
2	Piso	P22	Bottom	8244	Ex+ G	-11.67	0.18	0.84	2400	1392	2400	1392	294.00	294.00	59.06	45.26	45.26	-0.36	SI
2	Piso	P22	Top	8244	Ex- G	-3.68	0.19	0.84	2400	1393	2400	1393	294.00	294.00	59.14	45.29	45.29	-0.32	SI
2	Piso	P22	Bottom	8244	Ex- G	-11.67	0.19	0.84	2400	1394	2400	1394	294.00	294.00	59.18	45.32	45.32	-0.36	SI
2	Piso	P22	Top	8244	Ey+ G	3.55	0.19	0.84	2400	1395	2400	1395	294.00	294.00	59.22	45.35	45.36	-0.32	SI
2	Piso	P22	Bottom	8244	Ey+ G	-11.67	0.19	0.84	2400	1396	2400	1396	294.00	294.00	59.27	45.39	45.39	-0.36	SI
2	Piso	P22	Top	8244	Ey- G	3.55	0.19	0.84	2400	1397	2400	1397	294.00	294.00	59.31	45.42	45.43	-0.32	SI
2	Piso	P22	Bottom	8244	Ey- G	-11.67	0.19	0.84	2400	1398	2400	1398	294.00	294.00	59.35	45.45	45.45	-0.36	SI
2	Piso	P23	Top	82	11	1.87	0.04	0.84	1920	1399	1920	1399	294.00	294.00	48.32	36.92	36.93	-0.14	SI
2	Piso	P23	Bottom	82	11	6.51	0.04	0.84	1920	1400	1920	1400	294.00	294.00	48.35	36.94	36.41	-2.17	SI
2	Piso	P23	Top	8242	Comb	-1.72	0.04	0.84	1920	1401	1920	1401	294.00	294.00	48.39	36.97	36.44	-0.17	SI
2	Piso	P23	Bottom	8242	Comb	5.02	0.04	0.84	1920	1402	1920	1402	294.00	294.00	48.42	36.99	36.47	-1.79	SI
2	Piso	P23	Top	8243-W+	Comb	-2.08	0.04	0.84	1920	1403	1920	1403	294.00	294.00	48.45	36.99	36.49	-0.17	SI
2	Piso	P23	Bottom	8243-W+	Comb	-6.46	0.04	0.84	1920	1404	1920	1404	294.00	294.00	48.49	36.52	36.52	-2.17	SI
2	Piso	P23	Top	8243-W+	Comb	-2.08	0.04	0.84	1920	1405	1920	1405	294.00	294.00	48.52	36.54	36.54	-0.17	SI
2	Piso	P23	Bottom	8243-W+	Comb	-6.46	0.04	0.84	1920	1406	1920	1406	294.00	294.00	48.56	36.57	36.57	-2.17	SI
2	Piso	P23	Top	8243-W+	Comb	-2.08	0.04	0.84	1920	1407	1920	1407	294.00	294.00	48.59	36.60	36.60	-0.17	SI
2	Piso	P23	Bottom	8243-W+	Comb	-6.46	0.04	0.84	1920	1408	1920	1408	294.00	294.00	48.63	36.62	36.63	-2.17	SI
2	Piso	P23	Top	8243-W+	Comb	-2.08	0.04	0.84	1920	1409	1920	1409	294.00	294.00	48.66	36.65	36.65	-0.17	SI
2	Piso	P23	Bottom	8243-W+	Comb	-6.46	0.04	0.84	1920	1410	1920	1410	294.00	294.00	48.70	36.67	36.67	-2.17	SI
2	Piso	P23	Top	8244-W+	Comb	-1.84	0.04	0.84	1920	1411	1920	1411	294.00	294.00	48.73	36.70	36.70	-0.16	SI
2	Piso	P23	Bottom	8244-W+	Comb	5.77	0.04	0.84	1920	1412	1920	1412	294.00	294.00	48.77	36.72	36.73	-2.14	SI
2	Piso	P23	Top	8244-W+	Comb	-1.97	0.04	0.84	1920	1413	1920	1413	294.00	294.00	48.80	36.75	36.75	-0.16	SI
2	Piso	P23	Bottom	8244-W+	Comb	5.77	0.04	0.84	1920	1414	1920	1414	294.00	294.00	48.83	36.78	36.78	-2.14	SI
2	Piso	P23	Top	8244-W+	Comb	-1.97	0.04	0.84	1920	1415	1920	1415	294.00	294.00	48.87	36.80	36.80	-0.16	SI
2	Piso	P23	Bottom	8244-W+	Comb	5.77	0.04	0.84	1920	1416	1920	1416	294.00	294.00	48.90	36.83	36.83	-2.14	SI
2	Piso	P23	Top	8244-W+	Comb	-1.97	0.04	0.84	1920	1417	1920	1417	294.00	294.00	48.94	36.86	36.86	-0.16	SI
2	Piso	P23	Bottom	8244-W+	Comb	5.77	0.04	0.84	1920	1418	1920	1418	294.00	294.00	48.97	36.88	36.88	-2.14	SI
2	Piso	P23	Top	8245	Ex+	-1.56	0.04	0.84	1920	1419	1920	1419	294.00	294.00	49.01	36.91	36.91	-0.19	SI
2	Piso	P23	Bottom	8245	Ex+	5.13	0.04	0.84	1920	1420	1920	1420	294.00	294.00	49.04	36.93	36.93	-2.13	SI
2	Piso	P23	Top	8245	Ex-	-1.56	0.04	0.84	1920	1421	1920	1421	294.00	294.00	49.08	36.96	36.96	-0.20	SI
2	Piso	P23	Bottom	8245	Ex-	5.07	0.04	0.84	1920	1422	1920	1422	294.00	294.00	49.11	36.99	36.99	-2.18	SI
2	Piso	P23	Top	8245	Ey+	-1.21	0.04	0.84	1920	1423	1920	1423	294.00	294.00	49.15	37.01	37.01	-0.18	SI
2	Piso	P23	Bottom	8245	Ey+	-3.31	0.04	0.84	1920	1424	1920	1424	294.00	294.00	49.18	49.18	37.04	-5.21	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Área (m²)	ρ	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mu ext (ton-m)	Mu int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M/Φ (ton-m)	Cumple
2 Piso	P21	Top	B245-Ex-	-2.06	0.04	0.94	1920	1425	1920	1425	294.00	294.00	49.24	48.21	37.06	37.08	-0.13	Si
2 Piso	P21	Bottom	B245-Ex-	-6.00	0.04	0.86	1920	1426	1920	1426	294.00	294.00	49.25	49.25	37.06	37.08	-5.31	Si
2 Piso	P23	Top	B246-Wx+	-1.45	0.04	0.94	1920	1427	1920	1427	294.00	294.00	49.26	49.26	37.12	37.12	-0.12	Si
2 Piso	P23	Bottom	B246-Wx+	-3.65	0.04	0.87	1920	1428	1920	1428	294.00	294.00	49.32	49.32	37.14	37.14	-1.30	Si
2 Piso	P23	Top	B246-Wx-	-1.45	0.04	0.94	1920	1429	1920	1429	294.00	294.00	49.35	49.35	37.17	37.17	-0.12	Si
2 Piso	P23	Bottom	B246-Wx-	-4.65	0.04	0.94	1920	1430	1920	1430	294.00	294.00	49.38	49.38	37.19	37.19	-1.30	Si
2 Piso	P23	Top	B246-Wx+	-1.45	0.04	0.94	1920	1431	1920	1431	294.00	294.00	49.42	49.42	37.22	37.22	-0.12	Si
2 Piso	P23	Bottom	B246-Wx+	-4.65	0.04	0.94	1920	1432	1920	1432	294.00	294.00	49.46	49.46	37.25	37.25	-1.29	Si
2 Piso	P23	Top	B246-Wx-	-1.45	0.04	0.94	1920	1433	1920	1433	294.00	294.00	49.49	49.49	37.27	37.27	-0.12	Si
2 Piso	P23	Bottom	B246-Wx-	-4.65	0.04	0.94	1920	1434	1920	1434	294.00	294.00	49.53	49.53	37.30	37.30	-1.28	Si
2 Piso	P23	Top	B247-Ex+	-1.86	0.04	0.94	1920	1435	1920	1435	294.00	294.00	49.56	49.56	37.33	37.33	-0.24	Si
2 Piso	P23	Bottom	B247-Ex+	-4.22	0.04	0.92	1920	1436	1920	1436	294.00	294.00	49.59	49.59	37.35	37.35	-2.00	Si
2 Piso	P23	Top	B247-Ex-	1.24	0.04	0.94	1920	1437	1920	1437	294.00	294.00	49.63	49.63	37.38	37.38	-0.14	Si
2 Piso	P23	Bottom	B247-Ex-	-4.16	0.04	0.94	1920	1438	1920	1438	294.00	294.00	49.66	49.66	37.40	37.40	-1.95	Si
2 Piso	P23	Top	B247-Ex+	-0.40	0.04	0.84	1920	1439	1920	1439	294.00	294.00	49.70	49.70	37.43	37.43	-0.10	Si
2 Piso	P23	Bottom	B247-Ex+	2.36	0.04	0.94	1920	1440	1920	1440	294.00	294.00	49.73	49.73	37.45	37.45	-1.77	Si
2 Piso	P23	Top	B247-Ex-	-1.60	0.04	0.94	1920	1441	1920	1441	294.00	294.00	49.77	49.77	37.48	37.48	-0.36	Si
2 Piso	P23	Bottom	B247-Ex-	-5.86	0.04	0.94	1920	1442	1920	1442	294.00	294.00	49.80	49.80	37.51	37.51	-2.18	Si
2 Piso	P23	Top	B248-Ex-	1.32	0.04	0.84	1920	1443	1920	1443	294.00	294.00	49.84	49.84	37.53	37.53	-0.19	Si
2 Piso	P23	Bottom	B248-Ex-	-5.36	0.04	0.94	1920	1444	1920	1444	294.00	294.00	49.87	49.87	37.56	37.56	-1.10	Si
2 Piso	P23	Top	B248-Wx- G	2.73	0.04	0.84	1920	1445	1920	1445	294.00	294.00	49.91	49.91	37.59	37.59	-0.24	Si
2 Piso	P23	Bottom	B248-Wx- G	-7.56	0.04	0.94	1920	1446	1920	1446	294.00	294.00	49.94	49.94	37.61	37.61	-2.71	Si
2 Piso	P23	Top	B248-Wy- G	2.73	0.04	0.84	1920	1447	1920	1447	294.00	294.00	49.97	49.97	37.64	37.64	-0.24	Si
2 Piso	P23	Bottom	B248-Wy- G	-7.56	0.04	0.94	1920	1448	1920	1448	294.00	294.00	50.01	50.01	37.66	37.66	-2.71	Si
2 Piso	P23	Top	B248-Wx+ G	2.73	0.04	0.84	1920	1449	1920	1449	294.00	294.00	50.04	50.04	37.69	37.69	-0.24	Si
2 Piso	P23	Bottom	B248-Wx+ G	-7.56	0.04	0.94	1920	1450	1920	1450	294.00	294.00	50.08	50.08	37.71	37.71	-2.71	Si
2 Piso	P23	Top	B248-Wy+ G	2.73	0.04	0.84	1920	1451	1920	1451	294.00	294.00	50.11	50.11	37.74	37.74	-0.24	Si
2 Piso	P23	Bottom	B248-Wy+ G	-7.56	0.04	0.94	1920	1452	1920	1452	294.00	294.00	50.15	50.15	37.77	37.77	-2.71	Si
2 Piso	P23	Top	B244-Wx- G	2.17	0.04	0.84	1920	1453	1920	1453	294.00	294.00	50.18	50.18	37.79	37.79	-0.20	Si
2 Piso	P23	Bottom	B244-Wx- G	-6.14	0.04	0.94	1920	1454	1920	1454	294.00	294.00	50.22	50.22	37.82	37.82	-5.45	Si
2 Piso	P23	Top	B244-Wx+ G	2.17	0.04	0.84	1920	1455	1920	1455	294.00	294.00	50.25	50.25	37.85	37.85	-0.20	Si
2 Piso	P23	Bottom	B244-Wx+ G	-6.14	0.04	0.84	1920	1456	1920	1456	294.00	294.00	50.29	50.29	37.87	37.87	-5.45	Si
2 Piso	P23	Top	B244-Wy- G	2.17	0.04	0.84	1920	1457	1920	1457	294.00	294.00	50.32	50.32	37.90	37.90	-0.20	Si
2 Piso	P23	Bottom	B244-Wy- G	-6.14	0.04	0.84	1920	1458	1920	1458	294.00	294.00	50.35	50.35	37.92	37.92	-5.45	Si
2 Piso	P23	Top	B244-Wy+ G	2.17	0.04	0.84	1920	1459	1920	1459	294.00	294.00	50.38	50.38	37.95	37.95	-0.20	Si
2 Piso	P23	Bottom	B244-Wy+ G	-6.14	0.04	0.84	1920	1460	1920	1460	294.00	294.00	50.42	50.42	37.98	37.98	-5.45	Si
2 Piso	P24	Top	B2-11	-6.15	1.01	0.84	2400	1461	2400	1461	294.00	294.00	63.07	63.07	47.50	47.50	1.11	Si
2 Piso	P24	Bottom	B2-11	-10.71	1.01	0.94	2400	1462	2400	1462	294.00	294.00	63.12	63.12	47.53	47.53	-5.32	Si
2 Piso	P24	Top	B242 Lcib	5.76	1.01	0.84	2400	1463	2400	1463	294.00	294.00	63.16	63.16	47.57	47.57	2.12	Si
2 Piso	P24	Bottom	B242 Lcib	-14.3	1.01	0.94	2400	1464	2400	1464	294.00	294.00	63.20	63.20	47.60	47.60	-6.31	Si
2 Piso	P24	Top	B243-Wx+ Lcub	5.78	1.01	0.94	2400	1465	2400	1465	294.00	294.00	63.25	63.25	47.63	47.63	1.14	Si
2 Piso	P24	Bottom	B243-Wx+ Lcub	-16.21	1.01	0.94	2400	1466	2400	1466	294.00	294.00	63.28	63.28	47.66	47.66	-4.57	Si
2 Piso	P24	Top	B243-Wx- Lcub	5.78	1.01	0.94	2400	1467	2400	1467	294.00	294.00	63.33	63.33	47.70	47.70	1.14	Si
2 Piso	P24	Bottom	B243-Wx- Lcub	-16.21	1.01	0.84	2400	1468	2400	1468	294.00	294.00	63.37	63.37	47.73	47.73	-4.57	Si
2 Piso	P24	Top	B243-Wx+ Lcub	5.78	1.01	0.84	2400	1469	2400	1469	294.00	294.00	63.42	63.42	47.76	47.76	1.14	Si
2 Piso	P24	Bottom	B243-Wx+ Lcub	-16.21	1.01	0.84	2400	1470	2400	1470	294.00	294.00	63.46	63.46	47.79	47.79	-4.57	Si
2 Piso	P24	Top	B243-Wy+ Lcub	5.78	1.01	0.84	2400	1471	2400	1471	294.00	294.00	63.50	63.50	47.83	47.83	1.14	Si
2 Piso	P24	Bottom	B243-Wy+ Lcub	-16.21	1.01	0.84	2400	1472	2400	1472	294.00	294.00	63.55	63.55	47.86	47.86	-4.57	Si
2 Piso	P24	Top	B244-Wx- Lcub	-8.51	1.01	0.84	2400	1473	2400	1473	294.00	294.00	63.59	63.59	47.89	47.89	2.06	Si
2 Piso	P24	Bottom	B244-Wx- Lcub	-15.5	1.01	0.84	2400	1474	2400	1474	294.00	294.00	63.63	63.63	47.92	47.92	-7.30	Si
2 Piso	P24	Top	B244-Wx+ Lcub	-8.51	1.01	0.84	2400	1475	2400	1475	294.00	294.00	63.68	63.68	47.96	47.96	2.06	Si
2 Piso	P24	Bottom	B244-Wx+ Lcub	-15.5	1.01	0.84	2400	1476	2400	1476	294.00	294.00	63.72	63.72	47.99	47.99	-7.30	Si
2 Piso	P24	Top	B244-Wy+ Lcub	-8.51	1.01	0.84	2400	1477	2400	1477	294.00	294.00	63.76	63.76	48.02	48.02	2.06	Si
2 Piso	P24	Bottom	B244-Wy+ Lcub	-15.5	1.01	0.84	2400	1478	2400	1478	294.00	294.00	63.81	63.81	48.05	48.05	-7.30	Si

ESTORY	PUNTO	LOC.	COMB	Pu (ton)	Área (m²)	ϕ	As ext (mm²)	fy ext (Mpa)	As int (mm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ϕMn ext (ton-m)	ϕMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P24	Top	1.2D+1.6V+L Comb	-6.81	1.01	0.90	2400	1479	2400	1479	294.00	294.00	63.85	63.85	48.08	48.08	2.16	SI
2 Piso	P24	Bottom	1.2D+1.6V+L Comb	-19.6	1.01	0.90	2400	1480	2400	1480	294.00	294.00	63.89	63.89	48.12	48.12	-7.50	SI
2 Piso	P24	Top	0.9D+E+	5.34	1.01	0.90	2400	1481	2400	1481	294.00	294.00	63.94	63.94	48.15	48.15	1.18	SI
2 Piso	P24	Bottom	0.9D+E+	-11.97	1.01	0.90	2400	1482	2400	1482	294.00	294.00	63.98	63.98	48.18	48.18	-7.98	SI
2 Piso	P24	Top	0.9D+E-	-5.38	1.01	0.90	2400	1483	2400	1483	294.00	294.00	64.02	64.02	48.22	48.22	1.06	SI
2 Piso	P24	Bottom	0.9D+E-	-16.11	1.01	0.90	2400	1484	2400	1484	294.00	294.00	64.07	64.07	48.25	48.25	-7.57	SI
2 Piso	P24	Top	1.2D+E+	4.36	1.01	0.90	2400	1485	2400	1485	294.00	294.00	64.11	64.11	48.28	48.28	1.00	SI
2 Piso	P24	Bottom	1.2D+E+	-13.3	1.01	0.90	2400	1486	2400	1486	294.00	294.00	64.15	64.15	48.31	48.31	-6.57	SI
2 Piso	P24	Top	1.2D+E-	5.77	1.01	0.90	2400	1487	2400	1487	294.00	294.00	64.19	64.19	48.35	48.35	2.12	SI
2 Piso	P24	Bottom	1.2D+E-	-14.71	1.01	0.90	2400	1488	2400	1488	294.00	294.00	64.24	64.24	48.38	48.38	-6.16	SI
2 Piso	P24	Top	1.2D+W+	4.75	1.01	0.90	2400	1489	2400	1489	294.00	294.00	64.28	64.28	48.41	48.41	1.43	SI
2 Piso	P24	Bottom	1.2D+W+	-11.75	1.01	0.90	2400	1490	2400	1490	294.00	294.00	64.32	64.32	48.44	48.44	-5.98	SI
2 Piso	P24	Top	1.2D+W-	4.75	1.01	0.90	2400	1491	2400	1491	294.00	294.00	64.37	64.37	48.48	48.48	1.43	SI
2 Piso	P24	Bottom	1.2D+W-	-11.75	1.01	0.90	2400	1492	2400	1492	294.00	294.00	64.41	64.41	48.51	48.51	-5.98	SI
2 Piso	P24	Top	0.9D+W+	4.75	1.01	0.90	2400	1493	2400	1493	294.00	294.00	64.45	64.45	48.54	48.54	1.43	SI
2 Piso	P24	Bottom	0.9D+W+	-11.71	1.01	0.90	2400	1494	2400	1494	294.00	294.00	64.50	64.50	48.57	48.57	-5.98	SI
2 Piso	P24	Top	0.9D+W-	4.75	1.01	0.90	2400	1495	2400	1495	294.00	294.00	64.54	64.54	48.61	48.61	1.43	SI
2 Piso	P24	Bottom	0.9D+W-	-11.71	1.01	0.90	2400	1496	2400	1496	294.00	294.00	64.58	64.58	48.64	48.64	-5.98	SI
2 Piso	P24	Top	1.2D+E+L	-3.54	1.01	0.90	2400	1497	2400	1497	294.00	294.00	64.63	64.63	48.67	48.67	1.18	SI
2 Piso	P24	Bottom	1.2D+E+L	-9.69	1.01	0.90	2400	1498	2400	1498	294.00	294.00	64.67	64.67	48.70	48.70	-3.27	SI
2 Piso	P24	Top	1.2D+E-L	-3.97	1.01	0.90	2400	1499	2400	1499	294.00	294.00	64.71	64.71	48.74	48.74	1.10	SI
2 Piso	P24	Bottom	1.2D+E-L	-12.89	1.01	0.90	2400	1500	2400	1500	294.00	294.00	64.76	64.76	48.77	48.77	-3.57	SI
2 Piso	P24	Top	1.2D+E+L+S	3.55	1.01	0.90	2400	1501	2400	1501	294.00	294.00	64.80	64.80	48.80	48.80	1.18	SI
2 Piso	P24	Bottom	1.2D+E+L+S	-10.02	1.01	0.90	2400	1502	2400	1502	294.00	294.00	64.84	64.84	48.83	48.83	-2.76	SI
2 Piso	P24	Top	1.2D+E-L+S	-4.36	1.01	0.90	2400	1503	2400	1503	294.00	294.00	64.88	64.88	48.87	48.87	1.14	SI
2 Piso	P24	Bottom	1.2D+E-L+S	-13.49	1.01	0.90	2400	1504	2400	1504	294.00	294.00	64.93	64.93	48.90	48.90	-4.36	SI
2 Piso	P24	Top	1.2D+E+L-S	-8.41	1.01	0.90	2400	1505	2400	1505	294.00	294.00	64.97	64.97	48.93	48.93	2.10	SI
2 Piso	P24	Bottom	1.2D+E+L-S	-15.15	1.01	0.90	2400	1506	2400	1506	294.00	294.00	65.02	65.02	48.96	48.96	-4.98	SI
2 Piso	P24	Top	1.2D+E-L-S	-8.87	1.01	0.90	2400	1507	2400	1507	294.00	294.00	65.06	65.06	49.00	49.00	2.1	SI
2 Piso	P24	Bottom	1.2D+E-L-S	-16.85	1.01	0.90	2400	1508	2400	1508	294.00	294.00	65.10	65.10	49.03	49.03	-4.92	SI
2 Piso	P24	Top	0.9D+E+L+S	-8.87	1.01	0.90	2400	1509	2400	1509	294.00	294.00	65.14	65.14	49.06	49.06	2.1	SI
2 Piso	P24	Bottom	0.9D+E+L+S	-16.85	1.01	0.90	2400	1510	2400	1510	294.00	294.00	65.19	65.19	49.09	49.09	-4.92	SI
2 Piso	P24	Top	0.9D+E+L-S	-8.87	1.01	0.90	2400	1511	2400	1511	294.00	294.00	65.23	65.23	49.13	49.13	2.1	SI
2 Piso	P24	Bottom	0.9D+E+L-S	-16.85	1.01	0.90	2400	1512	2400	1512	294.00	294.00	65.27	65.27	49.16	49.16	-4.92	SI
2 Piso	P24	Top	0.9D+E-L-S	-8.87	1.01	0.90	2400	1513	2400	1513	294.00	294.00	65.32	65.32	49.19	49.19	2.1	SI
2 Piso	P24	Bottom	0.9D+E-L-S	-16.85	1.01	0.90	2400	1514	2400	1514	294.00	294.00	65.36	65.36	49.22	49.22	-4.92	SI
2 Piso	P24	Top	1.2D+W+L+S	-7.16	1.01	0.90	2400	1515	2400	1515	294.00	294.00	65.40	65.40	49.25	49.25	2.5	SI
2 Piso	P24	Bottom	1.2D+W+L+S	-15.33	1.01	0.90	2400	1516	2400	1516	294.00	294.00	65.45	65.45	49.29	49.29	-7.35	SI
2 Piso	P24	Top	1.2D+W+L-S	-7.16	1.01	0.90	2400	1517	2400	1517	294.00	294.00	65.49	65.49	49.32	49.32	2.5	SI
2 Piso	P24	Bottom	1.2D+W+L-S	-15.33	1.01	0.90	2400	1518	2400	1518	294.00	294.00	65.53	65.53	49.35	49.35	-7.35	SI
2 Piso	P24	Top	1.2D+W-L-S	-7.16	1.01	0.90	2400	1519	2400	1519	294.00	294.00	65.58	65.58	49.38	49.38	2.5	SI
2 Piso	P24	Bottom	1.2D+W-L-S	-15.33	1.01	0.90	2400	1520	2400	1520	294.00	294.00	65.62	65.62	49.42	49.42	-7.35	SI
2 Piso	P24	Top	0.9D+W+L+S	-7.16	1.01	0.90	2400	1521	2400	1521	294.00	294.00	65.66	65.66	49.45	49.45	2.5	SI
2 Piso	P24	Bottom	0.9D+W+L+S	-15.33	1.01	0.90	2400	1522	2400	1522	294.00	294.00	65.71	65.71	49.48	49.48	-7.35	SI
2 Piso	P25	Top	1.2D+E+L	-3.30	0.10	0.90	1920	1523	1920	1523	294.00	294.00	52.60	52.60	35.61	38.61	0.10	SI
2 Piso	P25	Bottom	1.2D+E+L	-8.24	0.10	0.90	1920	1524	1920	1524	294.00	294.00	52.63	52.63	35.64	38.64	-2.26	SI
2 Piso	P25	Top	1.2D+E-L	-3.17	0.10	0.90	1920	1525	1920	1525	294.00	294.00	52.67	52.67	35.67	38.67	0.10	SI
2 Piso	P25	Bottom	1.2D+E-L	-4.28	0.10	0.90	1920	1526	1920	1526	294.00	294.00	52.70	52.70	35.69	38.69	-2.93	SI
2 Piso	P25	Top	1.2D+W+L	-4.11	0.10	0.90	1920	1527	1920	1527	294.00	294.00	52.74	52.74	35.72	38.72	0.10	SI
2 Piso	P25	Bottom	1.2D+W+L	-5.20	0.10	0.90	1920	1528	1920	1528	294.00	294.00	52.77	52.77	35.74	38.74	-1.36	SI
2 Piso	P25	Top	1.2D+W-L	-4.11	0.10	0.90	1920	1529	1920	1529	294.00	294.00	52.81	52.81	35.77	38.77	0.10	SI
2 Piso	P25	Bottom	1.2D+W-L	-5.20	0.10	0.90	1920	1530	1920	1530	294.00	294.00	52.84	52.84	35.80	38.80	-1.36	SI
2 Piso	P25	Top	1.2D+W+L+S	-4.11	0.10	0.90	1920	1531	1920	1531	294.00	294.00	52.88	52.88	35.82	38.82	0.10	SI
2 Piso	P25	Bottom	1.2D+W+L+S	-5.20	0.10	0.90	1920	1532	1920	1532	294.00	294.00	52.91	52.91	35.85	38.85	-1.36	SI

CONSULTIR A PARA REALIZAR LOS ESTUDIOS PARA LA INTERVENCIÓN INTEGRAL A LA BIBLIOTECA CENTRAL DE LAS FUERZAS MILITARES "TOMAS RUEDA VARGAS"

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	%	Ac ext (cm²)	fy ext (Mpa)	Ac int (cm²)	fy int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	M/3 (ton-m)	Cumple
2 Piso	P1	Top	82+1	-3.07	0.00	0.94							17.87	17.87	13.40	13.40	-0.16	SI
2 Piso	P1	Bottom	82+1	-15.0	0.10	0.94							17.92	17.92	13.50	13.50	0.18	SI
2 Piso	P1	Top	1.342 1.cub	-3.64	0.10	0.94							17.95	17.95	13.54	13.54	-0.12	SI
2 Piso	P1	Bottom	1.342 1.cub	-13.85	0.10	0.94							18.03	18.03	13.58	13.58	0.12	SI
2 Piso	P1	Top	1.243-W1+1.cub	4.65	0.10	0.94							18.08	18.08	13.62	13.62	-0.11	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.61	0.10	0.94							18.13	18.13	13.66	13.66	0.15	SI
2 Piso	P1	Top	1.243-W1+1.cub	4.65	0.10	0.94							18.18	18.18	13.69	13.69	-0.11	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.61	0.10	0.94							18.24	18.24	13.73	13.73	0.15	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.65	0.10	0.94							18.29	18.29	13.77	13.77	-0.11	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.61	0.10	0.94							18.34	18.34	13.81	13.81	0.15	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.65	0.10	0.94							18.39	18.39	13.85	13.85	-0.11	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.61	0.10	0.94							18.44	18.44	13.89	13.89	0.15	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.65	0.10	0.94							18.49	18.49	13.93	13.93	-0.11	SI
2 Piso	P1	Top	1.244-W1+1.cub	-4.32	0.10	0.94							18.55	18.55	13.97	13.97	0.15	SI
2 Piso	P1	Bottom	1.244-W1+1.cub	-14.5	0.10	0.94							18.60	18.60	14.01	14.01	-0.17	SI
2 Piso	P1	Top	1.244-W1+1.cub	-4.32	0.10	0.94							18.65	18.65	14.05	14.05	0.15	SI
2 Piso	P1	Bottom	1.244-W1+1.cub	-14.5	0.10	0.94							18.70	18.70	14.09	14.09	-0.17	SI
2 Piso	P1	Top	1.244-W1+1.cub	-4.32	0.10	0.94							18.75	18.75	14.12	14.12	0.15	SI
2 Piso	P1	Bottom	1.244-W1+1.cub	-14.5	0.10	0.94							18.81	18.81	14.16	14.16	-0.17	SI
2 Piso	P1	Top	1.244-W1+1.cub	-4.32	0.10	0.94							18.86	18.86	14.20	14.20	0.15	SI
2 Piso	P1	Bottom	1.244-W1+1.cub	-14.51	0.10	0.94							18.91	18.91	14.24	14.24	-0.17	SI
2 Piso	P1	Top	1245 E1+	2.97	0.10	0.94							18.96	18.96	14.28	14.28	0.11	SI
2 Piso	P1	Bottom	1245 E1+	-11.23	0.10	0.94							19.01	19.01	14.32	14.32	-0.22	SI
2 Piso	P1	Top	1245 E1+	-3.83	0.10	0.94							19.06	19.06	14.36	14.36	0.13	SI
2 Piso	P1	Bottom	1245 E1+	-13.7	0.10	0.94							19.12	19.12	14.40	14.40	-0.18	SI
2 Piso	P1	Top	1245 E1+	3.43	0.10	0.94							19.17	19.17	14.44	14.44	0.14	SI
2 Piso	P1	Bottom	1245 E1+	-12.6	0.10	0.94							19.22	19.22	14.47	14.47	0.16	SI
2 Piso	P1	Top	1245 E1+	3.01	0.10	0.94							19.27	19.27	14.51	14.51	0.12	SI
2 Piso	P1	Bottom	1245 E1+	-13.64	0.10	0.94							19.32	19.32	14.55	14.55	-0.17	SI
2 Piso	P1	Top	1246 W1+	3.21	0.10	0.94							19.38	19.38	14.59	14.59	0.10	SI
2 Piso	P1	Bottom	1246 W1+	-10.56	0.10	0.94							19.43	19.43	14.63	14.63	-0.17	SI
2 Piso	P1	Top	1246 W1+	-3.21	0.10	0.94							19.48	19.48	14.67	14.67	0.10	SI
2 Piso	P1	Bottom	1246 W1+	-10.56	0.10	0.94							19.53	19.53	14.71	14.71	-0.17	SI
2 Piso	P1	Top	1246 W1+	-3.21	0.10	0.94							19.58	19.58	14.75	14.75	0.10	SI
2 Piso	P1	Bottom	1246 W1+	-10.56	0.10	0.94							19.63	19.63	14.79	14.79	-0.17	SI
2 Piso	P1	Top	1246 W1+	-3.21	0.10	0.94							19.68	19.68	14.83	14.83	0.10	SI
2 Piso	P1	Bottom	1246 W1+	-10.59	0.10	0.94							19.74	19.74	14.86	14.86	0.13	SI
2 Piso	P1	Top	1247 E1+	2.05	0.10	0.94							19.79	19.79	14.90	14.90	0.17	SI
2 Piso	P1	Bottom	1247 E1+	-7.66	0.10	0.94							19.84	19.84	14.94	14.94	-0.24	SI
2 Piso	P1	Top	1247 E1+	-3.02	0.10	0.94							19.89	19.89	14.98	14.98	0.09	SI
2 Piso	P1	Bottom	1247 E1+	-11.66	0.10	0.94							19.94	19.94	15.02	15.02	-0.13	SI
2 Piso	P1	Top	1247 E1+	2.81	0.10	0.94							20.00	20.00	15.06	15.06	0.20	SI
2 Piso	P1	Bottom	1247 E1+	-9.29	0.10	0.94							20.05	20.05	15.10	15.10	0.05	SI
2 Piso	P1	Top	1247 E1+	-3.50	0.10	0.94							20.10	20.10	15.14	15.14	0.15	SI
2 Piso	P1	Bottom	1247 E1+	-10.0	0.10	0.94							20.15	20.15	15.18	15.18	-0.14	SI
2 Piso	P1	Top	1247 E1+	-4.17	0.10	0.94							20.20	20.20	15.22	15.22	0.03	SI
2 Piso	P1	Bottom	1247 E1+	-14.51	0.10	0.94							20.26	20.26	15.26	15.26	-0.17	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.36	0.10	0.94							20.31	20.31	15.29	15.29	0.10	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.91	0.10	0.94							20.36	20.36	15.33	15.33	-0.17	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.36	0.10	0.94							20.41	20.41	15.37	15.37	0.10	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.91	0.10	0.94							20.46	20.46	15.41	15.41	-0.17	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.36	0.10	0.94							20.51	20.51	15.45	15.45	0.10	SI
2 Piso	P1	Bottom	1.243-W1+1.cub	-14.91	0.10	0.94							20.57	20.57	15.49	15.49	-0.17	SI
2 Piso	P1	Top	1.243-W1+1.cub	-4.36	0.10	0.94							20.62	20.62	15.53	15.53	0.10	SI

ANEXO 5. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PERPENDICULAR A EL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL.

PISO/MY	MURO	LOC.	COMB	P (ton)	Ec (kg/cm²)	Es	As col (cm²)	fy col (Mpa)	As viga (cm²)	fy viga (Mpa)	t muro (mm)	d muro (mm)	Mn sup (ton-m)	Mp sup (ton-m)	ΦMn sup (ton-m)	ΦMn inf (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P1	Top	B244+Wx- G	-4.85	0.10	0.94							20.67	21.67	15.97	15.97	-0.30	SI
2 Piso	P1	Bottom	B244+Wx- G	-15.28	0.10	0.91							20.72	21.72	15.64	15.64	0.07	SI
2 Piso	P1	Top	B244+Wx+ G	-4.85	0.10	0.94							20.77	21.77	15.68	15.68	-0.30	SI
2 Piso	P1	Bottom	B244+Wx+ G	-15.28	0.10	0.87							20.83	22.83	15.59	15.64	0.07	SI
2 Piso	P1	Top	B244+Wy- G	-4.85	0.10	0.94							20.88	22.88	15.72	15.72	-0.30	SI
2 Piso	P1	Bottom	B244+Wy- G	-15.28	0.10	0.88							20.93	22.83	15.76	15.76	0.07	SI
2 Piso	P1	Top	B244+Wy+ G	-4.85	0.10	0.94							20.98	22.98	15.80	15.80	-0.30	SI
2 Piso	P1	Bottom	B244+Wy+ G	-15.28	0.10	0.88							21.03	21.03	15.84	15.84	0.07	SI
2 Piso	P2	Top	B2-11	-6.18	1.00	0.87							21.08	21.08	16.69	16.69	-2.75	SI
2 Piso	P2	Bottom	B2-11	-17.62	1.00	0.84							21.14	21.14	15.99	16.02	7.06	SI
2 Piso	P2	Top	B243-Wx+ Loub	-5.87	1.00	0.82							21.19	21.19	15.98	15.98	-3.32	SI
2 Piso	P2	Bottom	B243-Wx+ Loub	-15.91	1.00	0.96							21.24	21.24	15.00	16.00	12.91	SI
2 Piso	P2	Top	B243-Wx+ Loub	-5.80	1.00	0.86							21.29	21.29	16.04	16.04	-3.32	SI
2 Piso	P2	Bottom	B243-Wx+ Loub	-16.90	1.00	0.92							21.34	21.34	16.07	16.07	11.19	SI
2 Piso	P2	Top	B243-Wx+ Loub	-5.80	1.00	0.96							21.40	21.40	16.11	16.11	-3.32	SI
2 Piso	P2	Bottom	B243-Wx+ Loub	-16.90	1.00	0.92							21.45	21.45	16.15	16.15	6.79	SI
2 Piso	P2	Top	B243-Wx+ Loub	-5.80	1.00	0.96							21.50	21.50	16.19	16.19	-3.32	SI
2 Piso	P2	Bottom	B243-Wx+ Loub	-16.90	1.00	0.92							21.55	21.55	16.23	16.23	6.79	SI
2 Piso	P2	Top	B243-Wx- Loub	-5.80	1.00	0.94							21.60	21.60	16.27	16.27	-3.32	SI
2 Piso	P2	Bottom	B243-Wx- Loub	-16.90	1.00	0.94							21.65	21.65	16.31	16.31	6.79	SI
2 Piso	P2	Top	B244+Wx+ Loub	-6.83	1.00	0.94							21.71	21.71	16.35	16.35	-3.38	SI
2 Piso	P2	Bottom	B244+Wx+ Loub	-16.95	1.00	0.94							21.75	21.76	16.39	16.39	10.48	SI
2 Piso	P2	Top	B244+Wx+ Loub	-6.83	1.00	0.94							21.81	21.81	16.43	16.43	-3.38	SI
2 Piso	P2	Bottom	B244+Wx+ Loub	-16.95	1.00	0.94							21.86	21.86	16.46	16.46	10.48	SI
2 Piso	P2	Top	B244+Wx+ Loub	-6.83	1.00	0.94							21.91	21.91	16.50	16.50	-3.38	SI
2 Piso	P2	Bottom	B244+Wx+ Loub	-16.95	1.00	0.94							21.97	21.97	16.54	16.54	10.48	SI
2 Piso	P2	Top	B244+Wx+ Loub	-6.83	1.00	0.94							22.02	22.02	16.58	16.58	-3.38	SI
2 Piso	P2	Bottom	B244+Wx+ Loub	-16.95	1.00	0.94							22.07	22.07	16.62	16.62	10.48	SI
2 Piso	P2	Top	B245-Ex+	-4.69	1.00	0.94							22.12	22.12	16.66	16.66	-2.47	SI
2 Piso	P2	Bottom	B245-Ex+	-14.84	1.00	0.94							22.17	22.17	16.70	16.70	9.05	SI
2 Piso	P2	Top	B245-Ex-	-8.26	1.00	0.88							22.22	22.22	16.74	16.74	-3.56	SI
2 Piso	P2	Bottom	B245-Ex-	-15.46	1.00	0.94							22.28	22.28	16.78	16.78	10.97	SI
2 Piso	P2	Top	B245-Ex+	-5.38	1.00	0.86							22.33	22.33	16.82	16.82	-2.77	SI
2 Piso	P2	Bottom	B245-Ex+	-15.04	1.00	0.92							22.38	22.38	16.85	16.85	10.25	SI
2 Piso	P2	Top	B245-Ex+	-5.47	1.00	0.86							22.43	22.43	16.89	16.89	-2.85	SI
2 Piso	P2	Bottom	B245-Ex+	-15.29	1.00	0.94							22.48	22.48	16.93	16.93	10.37	SI
2 Piso	P2	Top	B245-Wx+	-4.81	1.00	0.94							22.54	22.54	16.97	16.97	-2.12	SI
2 Piso	P2	Bottom	B245-Wx+	-12.26	1.00	0.86							22.59	22.59	17.01	17.01	4.17	SI
2 Piso	P2	Top	B245-Wx-	-4.81	1.00	0.94							22.64	22.64	17.05	17.05	-2.12	SI
2 Piso	P2	Bottom	B245-Wx-	-12.26	1.00	0.87							22.69	22.69	17.09	17.09	4.17	SI
2 Piso	P2	Top	B245-Wy+	-4.81	1.00	0.94							22.74	22.74	17.13	17.13	-2.12	SI
2 Piso	P2	Bottom	B245-Wy+	-12.26	1.00	0.88							22.79	22.79	17.17	17.17	4.17	SI
2 Piso	P2	Top	B245-Wy+	-4.81	1.00	0.94							22.85	22.85	17.21	17.21	-2.12	SI
2 Piso	P2	Bottom	B245-Wy+	-12.26	1.00	0.94							22.90	22.90	17.24	17.24	4.17	SI
2 Piso	P2	Top	B247-Ex+	-3.15	1.00	0.87							22.95	22.95	17.28	17.28	-1.31	SI
2 Piso	P2	Bottom	B247-Ex+	-10.74	1.00	0.92							23.00	23.00	17.32	17.32	2.59	SI
2 Piso	P2	Top	B247-Ex-	-4.81	1.00	0.94							23.05	23.05	17.36	17.36	-2.23	SI
2 Piso	P2	Bottom	B247-Ex-	-11.91	1.00	0.84							23.10	23.10	17.40	17.40	5.11	SI
2 Piso	P2	Top	B247-Ex+	-3.60	1.00	0.94							23.16	23.16	17.44	17.44	-1.38	SI
2 Piso	P2	Bottom	B247-Ex+	-11.21	1.00	0.90							23.21	23.21	17.48	17.48	4.49	SI
2 Piso	P2	Top	B247-Ex-	-4.02	1.00	0.90							23.26	23.26	17.52	17.52	-1.58	SI
2 Piso	P2	Bottom	B247-Ex-	-11.50	1.00	0.90							23.31	23.31	17.56	17.56	4.61	SI
2 Piso	P2	Top	B247-Ex-	-8.55	1.00	0.91							23.36	23.36	17.60	17.60	-3.30	SI
2 Piso	P2	Bottom	B247-Ex-	-16.31	1.00	0.94							23.42	23.42	17.63	17.63	13.01	SI

STORY	MURO	LOC.	COMB	Pu (kN)	Ag (cm²)	ρ	Ac req (cm²)	Ny act (kN)	Ac act (cm²)	fy (N/mm²)	E (N/mm²)	εlim (mm)	Mn req (ton-m)	Mp (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	M12 (ton-m)	Cumple
2 Piso	P2	Top	B243-Wx- G	-8.08	1.0	0.84							23.47	17.67	17.67	-3.93		SI
2 Piso	P2	Bottom	B243-Wx- G	-19.9	1.0	0.94							23.52	17.7	17.71	5.58		SI
2 Piso	P2	Top	B243-Wy- G	-8.08	1.0	0.84							23.57	17.75	17.75	-3.92		SI
2 Piso	P2	Bottom	B243-Wy- G	-19.2	1.0	0.84							23.62	17.79	17.79	6.69		SI
2 Piso	P2	Top	B243-Wx+ G	-8.05	1.0	0.84							23.67	17.83	17.83	-3.92		SI
2 Piso	P2	Bottom	B243-Wx+ G	-19.2	1.0	0.84							23.73	17.87	17.87	6.69		SI
2 Piso	P2	Top	B243-Wy+ G	-8.08	1.0	0.84							23.78	17.91	17.91	-3.92		SI
2 Piso	P2	Bottom	B243-Wy+ G	-19.2	1.0	0.84							23.83	17.95	17.95	6.69		SI
2 Piso	P2	Top	B244-Wx- G	-7.92	1.0	0.84							23.88	17.99	17.99	-3.85		SI
2 Piso	P2	Bottom	B244-Wx- G	-17.21	1.0	0.94							23.93	18.03	18.03	10.58		SI
2 Piso	P2	Top	B244-Wy- G	-7.92	1.0	0.84							23.99	18.06	18.06	-3.85		SI
2 Piso	P2	Bottom	B244-Wy- G	-17.21	1.0	0.94							24.04	18.10	18.10	10.58		SI
2 Piso	P2	Bottom	B244-Wx+ G	-17.21	1.0	0.94							24.09	18.14	18.14	-3.85		SI
2 Piso	P2	Top	B244-Wy+ G	-7.92	1.0	0.84							24.14	18.18	18.18	10.58		SI
2 Piso	P2	Bottom	B244-Wy+ G	-17.21	1.0	0.94							24.19	18.22	18.22	-3.85		SI
2 Piso	P2	Top	B244-Wx+ G	-7.92	1.0	0.84							24.24	18.26	18.26	10.58		SI
2 Piso	P2	Bottom	B244-Wx+ G	-17.21	1.0	0.94							23.25	15.26	15.26	-2.20		SI
2 Piso	P3A	Top	B241	-6.06	1.0	0.84							23.28	15.28	15.28	4.79		SI
2 Piso	P3A	Bottom	B241	-18.0	1.0	0.94							23.33	15.31	15.31	-2.53		SI
2 Piso	P3A	Top	B242 comb	-5.95	1.0	0.84							23.38	15.35	15.35	8.39		SI
2 Piso	P3A	Bottom	B242 comb	-16.87	1.0	0.94							23.42	15.38	15.38	-2.46		SI
2 Piso	P3A	Top	B243-Wx- comb	-6.00	1.0	0.84							23.46	15.41	15.41	4.0		SI
2 Piso	P3A	Bottom	B243-Wx- comb	-17.7	1.0	0.94							23.51	15.44	15.44	-2.48		SI
2 Piso	P3A	Top	B243-Wx+ comb	-6.00	1.0	0.84							23.56	15.48	15.48	4.0		SI
2 Piso	P3A	Bottom	B243-Wx+ comb	-17.7	1.0	0.94							23.59	15.51	15.51	-2.48		SI
2 Piso	P3A	Top	B243-Wy- comb	-6.00	1.0	0.84							23.64	15.54	15.54	4.0		SI
2 Piso	P3A	Bottom	B243-Wy- comb	-17.7	1.0	0.94							23.68	15.57	15.57	-2.48		SI
2 Piso	P3A	Top	B243-Wy+ comb	-6.00	1.0	0.84							23.72	15.61	15.61	4.0		SI
2 Piso	P3A	Bottom	B243-Wy+ comb	-17.7	1.0	0.94							23.77	15.64	15.64	-2.70		SI
2 Piso	P3A	Top	B244-Wx- comb	-6.54	1.0	0.84							23.81	15.67	15.67	7.7		SI
2 Piso	P3A	Bottom	B244-Wx- comb	-17.7	1.0	0.94							23.85	15.70	15.70	-2.70		SI
2 Piso	P3A	Top	B244-Wx+ comb	-6.54	1.0	0.84							23.89	15.74	15.74	7.7		SI
2 Piso	P3A	Bottom	B244-Wx+ comb	-17.7	1.0	0.94							23.94	15.77	15.77	-2.70		SI
2 Piso	P3A	Top	B244-Wy- comb	-6.54	1.0	0.84							23.98	15.80	15.80	7.7		SI
2 Piso	P3A	Bottom	B244-Wy- comb	-17.7	1.0	0.94							21.02	15.83	15.83	-2.70		SI
2 Piso	P3A	Top	B244-Wy+ comb	-6.54	1.0	0.84							21.07	15.87	15.87	7.7		SI
2 Piso	P3A	Bottom	B244-Wy+ comb	-17.7	1.0	0.94							21.11	15.90	15.90	-1.51		SI
2 Piso	P3A	Top	B245 Ex-	-4.80	1.0	0.84							21.15	15.93	15.93	5.12		SI
2 Piso	P3A	Bottom	B245 Ex-	-15.4	1.0	0.94							21.20	15.96	15.96	-3.33		SI
2 Piso	P3A	Top	B245 Ex+	-4.82	1.0	0.84							21.24	16.00	16.00	4.82		SI
2 Piso	P3A	Bottom	B245 Ex+	-16.04	1.0	0.94							21.28	16.03	16.03	-2.26		SI
2 Piso	P3A	Top	B245 Ey-	-5.08	1.0	0.84							21.33	16.06	16.06	7.08		SI
2 Piso	P3A	Bottom	B245 Ey-	-15.8	1.0	0.94							21.37	16.09	16.09	-2.26		SI
2 Piso	P3A	Top	B245 Ey+	-5.42	1.0	0.84							21.41	16.13	16.13	7.08		SI
2 Piso	P3A	Bottom	B245 Ey+	-16.25	1.0	0.94							21.46	16.16	16.16	-1.72		SI
2 Piso	P3A	Top	B246 Wx+	4.70	1.0	0.84							21.50	16.19	16.19	3.0		SI
2 Piso	P3A	Bottom	B246 Wx+	-12.81	1.0	0.94							21.54	16.22	16.22	-1.72		SI
2 Piso	P3A	Top	B246 Wx-	4.76	1.0	0.84							21.58	16.26	16.26	3.0		SI
2 Piso	P3A	Bottom	B246 Wx-	-12.84	1.0	0.94							21.63	16.29	16.29	-1.72		SI
2 Piso	P3A	Top	B246 Wy+	4.76	1.0	0.84							21.67	16.32	16.32	3.0		SI
2 Piso	P3A	Bottom	B246 Wy+	-12.84	1.0	0.94							21.71	16.35	16.35	-1.72		SI
2 Piso	P3A	Top	B246 Wy-	-4.76	1.0	0.84							21.76	16.39	16.39	3.0		SI
2 Piso	P3A	Bottom	B246 Wy-	-12.84	1.0	0.94							21.80	16.42	16.42	-0.16		SI
2 Piso	P3A	Top	B247 Ex+	-3.53	1.0	0.84							21.84	16.45	16.45	1.9		SI
2 Piso	P3A	Bottom	B247 Ex+	-11.36	1.0	0.94												

STORY	MURO	LOC.	COMB	Pu (ton)	Area (m²)	%	As ext (mm²)	fy ext (MPa)	As int (mm²)	fy int (MPa)	s ext (mm)	s int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ØMn ext (ton-m)	ØMn int (ton-m)	Mu2 (ton-m)	Cumple
2 Piso	P3A	Top	B247-Ex-	-4.27	1.10	0.84							21.89	21.80	16.46	16.46	-2.18	SI
2 Piso	P3A	Bottom	B247-Ex-	-12.13	1.10	0.94							21.93	21.83	16.52	16.52	4.29	SI
2 Piso	P3A	Top	B247-Ey+	-3.79	1.10	0.84							21.97	21.97	16.55	16.55	-3.16	SI
2 Piso	P3A	Bottom	B247-Ey+	-11.47	1.10	0.94							22.02	22.02	16.58	16.58	3.10	SI
2 Piso	P3A	Top	B247-Ey-	-4.06	1.10	0.84							22.06	22.06	16.61	16.61	-1.10	SI
2 Piso	P3A	Bottom	B247-Ey-	-11.84	1.10	0.94							22.10	22.10	16.65	16.65	2.48	SI
2 Piso	P3A	Top	B247-G	-5.41	1.10	0.84							22.15	22.15	16.68	16.68	-2.37	SI
2 Piso	P3A	Bottom	B247-G	-17.86	1.10	0.94							22.19	22.19	16.71	16.71	6.07	SI
2 Piso	P3A	Top	B243-Wx-G	8.24	1.10	0.84							22.23	22.23	16.74	16.74	-3.24	SI
2 Piso	P3A	Bottom	B243-Wx-G	-20.7	1.10	0.94							22.28	22.28	16.78	16.78	8.46	SI
2 Piso	P3A	Top	B243-Wy-G	8.24	1.10	0.84							22.32	22.32	16.81	16.81	-3.24	SI
2 Piso	P3A	Bottom	B243-Wy-G	-20.7	1.10	0.94							22.36	22.36	16.84	16.84	8.46	SI
2 Piso	P3A	Top	B243+Wx-G	8.24	1.10	0.84							22.41	22.41	16.87	16.87	-3.24	SI
2 Piso	P3A	Bottom	B243+Wx-G	-20.7	1.10	0.94							22.45	22.45	16.91	16.91	8.46	SI
2 Piso	P3A	Top	B243+Wy-G	8.24	1.10	0.84							22.49	22.49	16.94	16.94	-3.24	SI
2 Piso	P3A	Bottom	B243+Wy-G	-20.7	1.10	0.94							22.54	22.54	16.97	16.97	8.46	SI
2 Piso	P3A	Top	B244+Wx-G	-7.27	1.10	0.84							22.58	22.58	17.00	17.00	-2.34	SI
2 Piso	P3A	Bottom	B244+Wx-G	-18.8	1.10	0.94							22.62	22.62	17.04	17.04	7.16	SI
2 Piso	P3A	Top	B244-Wx-G	-7.27	1.10	0.84							22.66	22.66	17.07	17.07	-2.34	SI
2 Piso	P3A	Bottom	B244-Wx-G	-18.8	1.10	0.94							22.71	22.71	17.10	17.10	7.16	SI
2 Piso	P3A	Top	B244-Wy-G	-7.27	1.10	0.84							22.75	22.75	17.13	17.13	-2.34	SI
2 Piso	P3A	Bottom	B244-Wy-G	-18.8	1.10	0.94							22.79	22.79	17.17	17.17	7.16	SI
2 Piso	P3A	Top	B244+Wy-G	-7.27	1.10	0.84							22.84	22.84	17.20	17.20	-2.34	SI
2 Piso	P3A	Bottom	B244+Wy-G	-18.8	1.10	0.94							22.88	22.88	17.23	17.23	7.16	SI
2 Piso	P3B	Top	B241	-5.91	1.07	0.84							22.92	22.92	17.26	17.26	-2.28	SI
2 Piso	P3B	Bottom	B241	-17.34	1.07	0.94							22.97	22.97	17.30	17.30	6.98	SI
2 Piso	P3B	Top	B242 -Ey-	-5.52	1.07	0.84							23.01	23.01	17.33	17.33	-2.70	SI
2 Piso	P3B	Bottom	B242 -Ey-	-15.9	1.07	0.94							23.05	23.05	17.36	17.36	8.39	SI
2 Piso	P3B	Top	B243-Wx+ Ey-	-8.73	1.07	0.84							23.10	23.10	17.39	17.39	-2.56	SI
2 Piso	P3B	Bottom	B243-Wx+ Ey-	-18.8	1.07	0.94							23.14	23.14	17.43	17.43	4.19	SI
2 Piso	P3B	Top	B243-Wx- Ey-	6.73	1.07	0.84							23.18	23.18	17.46	17.46	-0.58	SI
2 Piso	P3B	Bottom	B243-Wx- Ey-	-18.8	1.07	0.94							23.23	23.23	17.49	17.49	4.19	SI
2 Piso	P3B	Top	B243-Wy+ Ey-	6.73	1.07	0.84							23.27	23.27	17.52	17.52	-2.56	SI
2 Piso	P3B	Bottom	B243-Wy+ Ey-	-16.6	1.07	0.94							23.31	23.31	17.56	17.56	4.19	SI
2 Piso	P3B	Top	B243-Wy- Ey-	6.73	1.07	0.84							23.36	23.36	17.59	17.59	-2.58	SI
2 Piso	P3B	Bottom	B243-Wy- Ey-	-16.8	1.07	0.94							23.40	23.40	17.62	17.62	4.19	SI
2 Piso	P3B	Top	B244+Wx+ Ey-	-6.97	1.07	0.84							23.44	23.44	17.65	17.65	-2.78	SI
2 Piso	P3B	Bottom	B244+Wx+ Ey-	-16.71	1.07	0.94							23.48	23.48	17.68	17.68	7.7	SI
2 Piso	P3B	Top	B244+Wx- Ey-	-6.97	1.07	0.84							23.53	23.53	17.72	17.72	-2.78	SI
2 Piso	P3B	Bottom	B244+Wx- Ey-	-16.71	1.07	0.94							23.57	23.57	17.75	17.75	7.7	SI
2 Piso	P3B	Top	B244-Wx+ Ey-	-6.97	1.07	0.84							23.61	23.61	17.78	17.78	-2.79	SI
2 Piso	P3B	Bottom	B244-Wx+ Ey-	-16.71	1.07	0.94							23.66	23.66	17.82	17.82	7.7	SI
2 Piso	P3B	Top	B244-Wx- Ey-	-6.97	1.07	0.84							23.70	23.70	17.85	17.85	-2.79	SI
2 Piso	P3B	Bottom	B244-Wx- Ey-	-16.71	1.07	0.94							23.74	23.74	17.88	17.88	7.7	SI
2 Piso	P3B	Top	B245 Ex+	-4.74	1.07	0.84							23.79	23.79	17.91	17.91	-2.57	SI
2 Piso	P3B	Bottom	B245 Ex+	-14.85	1.07	0.94							23.83	23.83	17.95	17.95	5.85	SI
2 Piso	P3B	Top	B245 Ex-	-5.49	1.07	0.84							23.87	23.87	17.98	17.98	-3.10	SI
2 Piso	P3B	Bottom	B245 Ex-	-15.70	1.07	0.94							23.92	23.92	18.01	18.01	8.10	SI
2 Piso	P3B	Top	B245 Ey+	-5.30	1.07	0.84							23.96	23.96	18.04	19.04	-2.93	SI
2 Piso	P3B	Bottom	B245 Ey+	-15.55	1.07	0.94							24.00	24.00	18.08	18.08	7.90	SI
2 Piso	P3B	Top	B245 Ey-	-4.82	1.07	0.84							24.05	24.05	18.11	18.11	-2.15	SI
2 Piso	P3B	Bottom	B245 Ey-	-15.0	1.07	0.94							24.09	24.09	18.14	18.14	7.05	SI
2 Piso	P3A	Top	B246 Wx+	-4.66	1.07	0.84							24.13	24.13	18.17	18.17	-1.79	SI
2 Piso	P3B	Bottom	B246 Wx+	-12.11	1.07	0.94							24.18	24.18	18.21	18.21	3.16	SI

STORY	MURO	LOC.	COMB	P-P (ton)	Area m^2	%	Ac ext (cm^2)	Ty ext (Mpa)	Ac int (cm^2)	ty int (Mpa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	ΦMn ext (ton-m)	ΦMn int (ton-m)	Mu (ton-m)	Cumple
2	Pier	P38	Top	1246 Wx-	-4.58	1.07	0.94						24.22	24.24	16.24	16.24	-1.78	SI
2	Pier	P38	Bottom	1246 Wx+	-12.19	1.07	0.94						24.26	24.25	16.27	16.27	3.0	SI
2	Pier	P38	Top	1246 -Wx+	-4.58	1.07	0.94						24.31	24.31	16.30	16.30	-1.78	SI
2	Pier	P38	Bottom	1246 -Wx+	-12.19	1.07	0.94						24.35	24.35	16.34	16.34	3.0	SI
2	Pier	P38	Top	8246 Wy-	-4.58	1.07	0.96						24.35	24.35	16.37	16.37	-1.78	SI
2	Pier	P38	Bottom	8246 Wy+	-12.19	1.07	0.94						24.43	24.43	16.46	16.46	3.0	SI
2	Pier	P36	Top	8247 Ex+	-3.43	1.07	0.84						24.48	24.48	16.45	16.45	-0.71	SI
2	Pier	P36	Bottom	8247 Ex-	-10.74	1.07	0.94						24.52	24.52	16.47	16.47	1.13	SI
2	Pier	P39	Top	8247 Ex-	-4.18	1.07	0.84						24.56	24.56	16.50	16.50	-2.26	SI
2	Pier	P36	Bottom	8247 Ex+	-11.54	1.07	0.84						24.61	24.61	16.53	16.53	4.18	SI
2	Pier	P38	Top	8247 Ey+	-4.00	1.07	0.96						24.65	24.65	16.54	16.56	-1.95	SI
2	Pier	P38	Bottom	8247 Ey-	-11.41	1.07	0.84						24.69	24.69	16.60	16.60	2.15	SI
2	Pier	P30	Top	8247 Ey-	-3.61	1.07	0.94						24.74	24.74	16.63	16.63	-1.48	SI
2	Pier	P39	Bottom	8247 Ey+	-10.92	1.07	0.84						24.78	24.78	16.66	16.66	3.02	SI
2	Pier	P38	Top	8243 G	-6.23	1.07	0.96						24.82	24.82	16.69	16.69	-2.35	SI
2	Pier	P38	Bottom	8243 G	-16.67	1.07	0.94						24.87	24.87	16.72	16.73	8.07	SI
2	Pier	P38	Top	8243-Wx- G	-8.00	1.07	0.96						24.81	24.81	16.76	16.76	-3.37	SI
2	Pier	P30	Bottom	8243-Wx- G	-18.55	1.07	0.94						24.95	24.95	16.79	16.79	4.16	SI
2	Pier	P38	Top	8243-Wy- G	-9.00	1.07	0.94						25.00	25.00	16.82	16.82	-3.37	SI
2	Pier	P38	Bottom	8243-Wy- G	-18.55	1.07	0.96						25.04	25.04	16.86	16.86	4.16	SI
2	Pier	P38	Top	8243-Wx+ G	-9.00	1.07	0.94						25.04	25.09	16.89	16.89	-3.37	SI
2	Pier	P38	Bottom	8243-Wx+ G	-18.55	1.07	0.84						25.13	25.13	16.92	16.92	4.16	SI
2	Pier	P38	Top	8243-Wy+ G	-9.00	1.07	0.94						25.17	25.17	16.95	16.95	-3.37	SI
2	Pier	P36	Bottom	8243-Wy+ G	-18.55	1.07	0.84						25.21	25.21	16.98	16.98	4.16	SI
2	Pier	P36	Top	8244-Wx- G	-7.08	1.07	0.94						25.25	25.25	17.01	19.02	-3.14	SI
2	Pier	P38	Bottom	8244-Wx- G	-17.80	1.07	0.84						25.30	25.30	16.04	19.05	7.16	SI
2	Pier	P36	Top	8244-Wx+ G	-7.08	1.07	0.84						25.34	25.34	19.061	19.08	-3.14	SI
2	Pier	P36	Bottom	8244-Wx+ G	-17.80	1.07	0.94						25.38	25.38	19.11	19.12	7.16	SI
2	Pier	P38	Top	8244-Wy- G	-7.08	1.07	0.94						25.43	25.43	19.14	19.15	-3.14	SI
2	Pier	P38	Bottom	8244-Wy- G	-17.80	1.07	0.94						25.47	25.47	19.16	19.18	7.16	SI
2	Pier	P38	Top	8244-Wy+ G	-7.08	1.07	0.96						25.51	25.51	19.20	19.21	-3.14	SI
2	Pier	P38	Bottom	8244-Wy+ G	-17.80	1.07	0.96						25.56	25.56	19.23	19.25	7.16	SI
2	Pier	P4	Top	8241	-6.91	1.14	0.94						30.72	31.72	23.11	23.14	-2.34	SI
2	Pier	P4	Bottom	8241	-16.21	1.14	0.94						30.77	31.77	23.15	23.15	7.18	SI
2	Pier	P4	Top	8242 Loub	-6.42	1.14	0.94						30.82	35.82	23.21	23.21	-3.30	SI
2	Pier	P4	Bottom	8242 Loub	-17.3	1.14	0.96						30.87	31.88	23.25	23.25	9.31	SI
2	Pier	P4	Top	8242-Wx+ Loub	-7.72	1.14	0.94						30.92	31.93	23.29	23.29	-3.21	SI
2	Pier	P4	Bottom	8242-Wx+ Loub	-18.06	1.14	0.94						30.98	33.08	23.33	23.33	6.4	SI
2	Pier	P4	Top	8243-Wx+ Loub	-7.72	1.14	0.84						31.03	31.03	23.37	23.37	-3.21	SI
2	Pier	P4	Bottom	8243-Wx+ Loub	-18.06	1.14	0.96						31.08	31.08	23.41	23.41	6.4	SI
2	Pier	P4	Top	8243-Wx- Loub	-7.72	1.14	0.84						31.13	31.13	23.45	23.45	-3.21	SI
2	Pier	P4	Bottom	8243-Wx- Loub	-18.06	1.14	0.94						31.18	31.18	23.49	23.49	6.4	SI
2	Pier	P4	Top	8243-Wy+ Loub	-7.72	1.14	0.94						31.24	31.24	23.53	23.53	-3.21	SI
2	Pier	P4	Bottom	8243-Wy+ Loub	-18.06	1.14	0.94						31.29	31.29	23.57	23.57	6.4	SI
2	Pier	P4	Top	8243-Wy- Loub	-7.72	1.14	0.96						31.34	31.34	23.60	23.60	-3.28	SI
2	Pier	P4	Bottom	8243-Wy- Loub	-18.06	1.14	0.84						31.36	31.39	23.61	23.64	8.18	SI
2	Pier	P4	Top	8244-Wx- Loub	-7.72	1.14	0.94						31.45	31.45	23.68	23.68	-3.28	SI
2	Pier	P4	Bottom	8244-Wx- Loub	-18.06	1.14	0.96						31.50	31.50	23.72	23.72	8.18	SI
2	Pier	P4	Top	8244-Wx+ Loub	-7.72	1.14	0.96						31.55	31.55	23.76	23.76	-3.28	SI
2	Pier	P4	Bottom	8244-Wx+ Loub	-18.06	1.14	0.94						31.60	31.60	23.80	23.80	8.18	SI
2	Pier	P4	Top	8244-Wy- Loub	-7.72	1.14	0.94						31.65	31.65	23.84	23.84	-3.28	SI
2	Pier	P4	Bottom	8244-Wy- Loub	-18.06	1.14	0.94						31.70	31.70	23.88	23.88	8.18	SI
2	Pier	P4	Top	8245 Ex+	-5.36	1.14	0.94						31.76	31.76	23.92	23.92	-2.46	SI
2	Pier	P4	Bottom	8245 Ex+	-15.94	1.14	0.94						31.81	31.81	23.96	23.96	7.4	SI

CONSULTORÍA PARA REALIZAR LOS ESTUDIOS PARA LA INTERVENCIÓN INTEGRAL A LA BIBLIOTECA CENTRAL DE LAS FUERZAS MILITARES "TOMAS RUEDA VARGAS"

STORY	PUNTO	LOC.	COMB	P (ton)	Asb ... (in²)	A_s	As req (mm²)	P_n max (Ton)	As ini (mm²)	γ_s ini (N/m³)	d ini (mm)	d max (mm)	Mn req (ton-m)	Mn ini (ton-m)	ΦMn req (ton-m)	ΦMn ini (ton-m)	MR2 (Ton-m)	Cumple
2 Piso	P4	Top	B245-Ex-	-5.61	1.24	0.94							31.86	31.86	23.90	23.99	-3.56	SI
2 Piso	P4	Bottom	B245-Ex-	-17.2	1.24	0.87							31.91	31.91	24.00	24.03	5.38	SI
2 Piso	P1	Top	B245-Ey+	-8.05	1.24	0.94							31.86	31.86	24.07	24.07	-2.53	SI
2 Piso	P1	Bottom	B245-Ey+	-16.8	1.24	0.88							32.02	32.02	24.1	24.11	8. 7	SI
2 Piso	P1	Top	B245-Ey-	-5.61	1.24	0.94							32.07	32.07	24.15	24.15	-2.58	SI
2 Piso	P1	Bottom	B245-Ey-	-16.8	1.24	0.88							32.12	32.12	24.18	24.18	8.17	SI
2 Piso	P1	Top	B246-Wx+	-5.38	1.24	0.94							32.17	32.17	24.23	24.23	-2.25	SI
2 Piso	P1	Bottom	B246-Wx+	-13.1	1.24	0.90							32.22	32.22	24.27	24.27	4. 8	SI
2 Piso	P1	Top	B246-Wx-	-5.38	1.24	0.94							32.27	32.27	24.31	24.31	-2.25	SI
2 Piso	P1	Bottom	B246-Wx-	-13.1	1.24	0.90							32.33	32.33	24.35	24.35	4. 8	SI
2 Piso	P1	Top	B246-Wx+	-5.38	1.24	0.94							32.38	32.38	24.34	24.38	-2.25	SI
2 Piso	P1	Bottom	B246-Wx+	-13.1	1.24	0.90							32.43	32.43	24.41	24.41	4. 8	SI
2 Piso	P1	Top	B246-Wx-	-5.38	1.24	0.94							32.48	32.48	24.46	24.46	-2.25	SI
2 Piso	P1	Bottom	B246-Wx-	-13.1	1.24	0.90							32.53	32.53	24.50	24.50	4. 8	SI
2 Piso	P1	Top	B247-Ex+	-3.82	1.24	0.96							32.59	32.59	24.54	24.54	-1.59	SI
2 Piso	P1	Bottom	B247-Ex+	-11.5	1.24	0.91							32.64	32.64	24.58	24.58	4. 8	SI
2 Piso	P1	Top	B247-Ex-	-5.01	1.24	0.94							32.69	32.69	24.62	24.62	-2.19	SI
2 Piso	P1	Bottom	B247-Ex-	-12.7	1.24	0.89							32.74	32.74	24.66	24.66	5. 4	SI
2 Piso	P1	Top	B247-Ey+	-4.52	1.24	0.95							32.79	32.79	24.70	24.70	-1.97	SI
2 Piso	P1	Bottom	B247-Ey+	-12.1	1.24	0.90							32.84	32.84	24.74	24.74	4. 9	SI
2 Piso	P1	Top	B247-Ey-	-4.97	1.24	0.95							32.90	32.90	24.77	24.77	-1.91	SI
2 Piso	P1	Bottom	B247-Ey-	-12.1	1.24	0.90							32.95	32.95	24.81	24.81	4.91	SI
2 Piso	P1	Top	B241-G-	-7.88	1.24	0.94							33.00	33.00	24.86	24.86	-3.35	SI
2 Piso	P1	Bottom	B241-G-	-19.1	1.24	0.85							33.05	33.05	24.89	24.89	9.49	SI
2 Piso	P1	Top	B243-Wx+G	-10.1	1.24	0.92							33.10	33.10	24.93	24.93	-4.15	SI
2 Piso	P1	Bottom	B243-Wx+G	-20.7	1.24	0.84							33.16	33.16	24.97	24.97	6. 3	SI
2 Piso	P1	Top	B243-Wx-G	-10.1	1.24	0.92							33.21	33.21	25.01	25.01	-4.15	SI
2 Piso	P1	Bottom	B243-Wx-G	-20.7	1.24	0.84							33.26	33.26	25.05	25.05	6. 3	SI
2 Piso	P1	Top	B243-Wx+G	-10.1	1.24	0.92							33.31	33.31	25.09	25.09	-4.15	SI
2 Piso	P1	Bottom	B243-Wx+G	-20.7	1.24	0.84							33.36	33.36	25.13	25.13	6. 3	SI
2 Piso	P1	Top	B243-Wx-G	-10.1	1.24	0.92							33.41	33.41	25.16	25.16	-4.15	SI
2 Piso	P1	Bottom	B243-Wx-G	-20.7	1.24	0.84							33.47	33.47	25.20	25.20	6. 3	SI
2 Piso	P4	Top	B244-Wx+G	-8.05	1.24	0.94							33.52	33.52	25.24	25.24	-3.37	SI
2 Piso	P4	Bottom	B244-Wx+G	-18.8	1.24	0.86							33.57	33.57	25.28	25.28	8.17	SI
2 Piso	P4	Top	B244-Wx+G	-8.08	1.24	0.94							33.62	33.62	25.32	25.32	-3.37	SI
2 Piso	P4	Bottom	B244-Wx+G	-18.8	1.24	0.86							33.67	33.67	25.36	25.36	8.17	SI
2 Piso	P1	Top	B244-Wx-G	-8.08	1.24	0.94							33.72	33.72	25.40	25.40	-3.37	SI
2 Piso	P1	Bottom	B244-Wx-G	-18.8	1.24	0.86							33.78	33.78	25.44	25.44	8.17	SI
2 Piso	P1	Top	B244-Wx-G	-8.08	1.24	0.94							33.83	33.83	25.48	25.48	-3.37	SI
2 Piso	P1	Bottom	B244-Wx-G	-18.8	1.24	0.86							33.88	33.88	25.52	25.52	8.17	SI
2 Piso	P1	Top	B241	-2.77	0.62	0.96							28.28	28.28	21.30	21.30	0.01	SI
2 Piso	P1	Bottom	B241	-12.3	0.42	0.87							28.32	28.32	21.33	21.33	0.14	SI
2 Piso	P1	Top	B242 .coub	-2.65	0.42	0.97							28.36	28.36	21.36	21.36	0.10	SI
2 Piso	P1	Bottom	B242 .coub	-11.7	0.42	0.88							28.41	28.41	21.39	21.39	0.10	SI
2 Piso	P1	Top	B243-Wx+ .coub	-3.14	0.42	0.96							28.45	28.45	21.42	21.43	0.10	SI
2 Piso	P1	Bottom	B243-Wx+ .coub	-11.8	0.42	0.87							28.49	28.49	21.46	21.46	0.10	SI
2 Piso	P1	Top	B243-Wx- .coub	-3.14	0.42	0.96							28.54	28.54	21.49	21.49	0.10	SI
2 Piso	P1	Bottom	B243-Wx- .coub	-11.8	0.42	0.87							28.58	28.58	21.52	21.52	0.10	SI
2 Piso	P1	Top	B243-Wx+ .coub	-3.14	0.42	0.96							28.62	28.62	21.56	21.56	0.12	SI
2 Piso	P1	Bottom	B243-Wx+ .coub	-11.8	0.42	0.87							28.67	28.67	21.59	21.59	0.10	SI
2 Piso	P1	Top	B243-Wx- .coub	-3.14	0.42	0.96							28.71	28.71	21.63	21.63	0.12	SI
2 Piso	P1	Bottom	B243-Wx- .coub	-11.8	0.42	0.87							28.75	28.75	21.66	21.66	0.10	SI
2 Piso	P1	Top	B244-Wx+ .coub	-2.95	0.42	0.97							28.79	28.79	21.69	21.69	0.13	SI
2 Piso	P1	Bottom	B244-Wx+ .coub	-11.0	0.42	0.88							28.84	28.84	21.72	21.72	0.16	SI

ANEXO 5 DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PERPENDICULAR AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL

STORY	NUMBO	LOC.	COMB	Pu [ton]	Area ... [cm²]	R_a	As ext [mm²]	fy ext [Mpa]	As int [mm²]	fy int [Mpa]	d ext [mm]	d int [mm]	Mn ext [ton-m]	Mn ext [ton-m]	ΦMn ext [ton-m]	ΦMn int [ton-m]	M12 [ton-m]	Cumple
2 Piso	PS	Top	1244-W+ ...Lcub	-2.85	0.12	0.84							28.68	25.88	21.75	21.75	0.12	SI
2 Piso	PS	Bottom	1244-W+ ...Lcub	-11.71	0.12	0.84							28.93	25.82	21.79	21.78	0.16	SI
2 Piso	PS	Top	1244-W+ ...Lcub	-2.85	0.12	0.84							28.97	26.97	21.81	21.82	0.13	SI
2 Piso	PS	Bottom	1244-W+ ...Lcub	-11.71	0.12	0.84							29.01	29.01	21.84	21.85	0.16	SI
2 Piso	PS	Top	1244-W+ ...Lcub	-2.85	0.12	0.84							29.05	29.06	21.86	21.88	0.13	SI
2 Piso	PS	Bottom	1244-W+ ...Lcub	-11.71	0.12	0.84							29.10	29.10	21.87	21.91	0.16	SI
2 Piso	PS	Top	9245-Ex+	2.01	0.12	0.84							29.14	29.14	21.90	21.90	0.1	SI
2 Piso	PS	Bottom	9245-Ex+	8.55	0.12	0.84							29.16	29.18	21.91	21.93	0.14	SI
2 Piso	PS	Top	9245-Ex+	2.73	0.12	0.84							29.23	29.23	22.0	22.0	-0.36	SI
2 Piso	PS	Bottom	9245-Ex+	-13.0...	0.12	0.84							29.27	29.27	22.04	22.04	0.17	SI
2 Piso	PS	Top	9245-Ex+	2.26	0.12	0.84							29.31	29.31	22.08	22.08	0.0	SI
2 Piso	PS	Bottom	9245-Ex+	-11.7...	0.12	0.84							29.36	29.35	22.1...	22.11	0.16	SI
2 Piso	PS	Top	9246-Ex+	2.48	0.12	0.84							29.40	29.40	22.14	22.14	-0.36	SI
2 Piso	PS	Bottom	9246-Ex+	8.87	0.12	0.84							29.44	29.44	22.17	22.17	0.18	SI
2 Piso	PS	Top	9246-Ex+	2.16	0.12	0.84							29.46	29.46	22.2...	22.21	0.19	SI
2 Piso	PS	Bottom	9246-Ex+	-8.83	0.12	0.84							29.53	29.53	22.24	22.24	0.12	SI
2 Piso	PS	Top	9246-Ex+	-2.16	0.12	0.84							29.57	29.57	22.2...	22.27	0.11	SI
2 Piso	PS	Bottom	9246-Ex+	-8.83	0.12	0.84							29.62	29.63	22.30	22.30	0.12	SI
2 Piso	PS	Top	9246-Ex+	-2.16	0.12	0.84							29.66	29.66	22.34	22.34	0.11	SI
2 Piso	PS	Bottom	9246-Ex+	-8.83	0.12	0.84							29.70	29.70	22.3...	22.37	0.12	SI
2 Piso	PS	Top	9246-Ex+	-2.16	0.12	0.84							29.74	29.74	22.40	22.40	0.11	SI
2 Piso	PS	Bottom	9246-Ex+	-8.83	0.12	0.84							29.79	29.79	22.43	22.43	0.12	SI
2 Piso	PS	Top	9247-Ex+	1.42	0.12	0.84							29.83	29.83	22.47	22.47	0.09	SI
2 Piso	PS	Bottom	9247-Ex+	5.70	0.12	0.84							29.87	29.87	22.50	22.50	0.11	SI
2 Piso	PS	Top	9247-Ex+	2.14	0.12	0.84							29.92	29.92	22.53	22.53	-0.36	SI
2 Piso	PS	Bottom	9247-Ex+	-10.20	0.12	0.84							29.96	29.96	22.56	22.56	0.3	SI
2 Piso	PS	Top	9247-Ex+	-1.86	0.12	0.84							30.00	30.00	22.59	22.60	0.09	SI
2 Piso	PS	Bottom	9247-Ex+	-6.87	0.12	0.84							30.05	30.05	22.6...	22.63	0.1	SI
2 Piso	PS	Top	9247-Ex+	-1.89	0.12	0.84							30.09	30.09	22.6...	22.66	-0.37	SI
2 Piso	PS	Bottom	9247-Ex+	-7.05	0.12	0.84							30.13	30.13	22.6...	22.69	0.12	SI
2 Piso	PS	Top	9247-Ex+	-2.87	0.12	0.84							30.18	30.18	22.7...	22.73	0.09	SI
2 Piso	PS	Bottom	9247-Ex+	-11.7...	0.12	0.84							30.22	30.22	22.7...	22.76	0.10	SI
2 Piso	PS	Top	9248-Vx+ G	-4.18	0.12	0.84							30.26	30.26	22.7...	22.79	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-13.6...	0.12	0.84							30.31	30.31	22.8...	22.82	0.11	SI
2 Piso	PS	Top	9248-Vx+ G	4.18	0.12	0.84							30.35	30.35	22.8...	22.86	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-13.6...	0.12	0.84							30.39	30.39	22.8...	22.89	0.11	SI
2 Piso	PS	Top	9248-Vx+ G	-4.18	0.12	0.84							30.44	30.44	22.9...	22.92	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-13.6...	0.12	0.84							30.48	30.48	22.9...	22.95	0.14	SI
2 Piso	PS	Top	9248-Vx+ G	-4.18	0.12	0.84							30.56	30.52	22.9...	23.02	0.15	SI
2 Piso	PS	Bottom	9248-Vx+ G	-13.6...	0.12	0.84							30.56	30.56	22.0...	23.02	0.11	SI
2 Piso	PS	Top	9248-Vx+ G	-2.28	0.12	0.84							30.61	30.61	23.0...	23.05	0.15	SI
2 Piso	PS	Bottom	9248-Vx+ G	-12.3...	0.12	0.84							30.65	30.65	23.0...	23.09	0.17	SI
2 Piso	PS	Top	9248-Vx+ G	-3.28	0.12	0.84							30.69	30.69	23.1...	23.12	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-12.3...	0.12	0.84							30.74	30.74	23.1...	23.15	0.17	SI
2 Piso	PS	Top	9248-Vx+ G	-3.28	0.12	0.84							30.78	30.78	23.18	23.18	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-12.3...	0.12	0.84							30.82	30.82	23.2...	23.21	0.17	SI
2 Piso	PS	Top	9248-Vx+ G	-3.28	0.12	0.84							30.87	30.87	23.2...	23.25	0.13	SI
2 Piso	PS	Bottom	9248-Vx+ G	-12.3...	0.12	0.84							30.91	30.91	23.28	23.28	0.17	SI
2 Piso	PS	Top	8241	-20.8...	3.43	0.92							63.48	63.46	47.3...	47.36	2.10	SI
2 Piso	PS	Bottom	8241	-64.1...	3.43	0.92							63.55	63.55	47.42	47.42	-3.00	SI
2 Piso	PS	Top	8242 Lcub	-21.6...	3.43	0.92							63.64	63.64	47.4...	47.48	4.8	SI
2 Piso	PS	Bottom	8242 Lcub	-67.7...	3.43	0.92							63.73	63.73	47.55	47.55	-22.46	SI
2 Piso	PS	Top	8243-W+ Lcub	-27.3...	3.43	0.92							63.82	63.82	47.62	47.62	2.14	SI
2 Piso	PS	Bottom	8243-W+ Lcub	-52.8...	3.43	0.92							63.91	63.91	47.69	47.69	-11.37	SI

CONSULTAR A PARA REALIZAR LOS ESTUDIOS PARA LA INTERVENCIÓN INTEGRAL A LA BIBLIOTECA CENTRAL DE LAS FUERZAS MILITARES "TOMAS RUEDA VARGAS"

STORY	MURO	LOC.	COMB	P-M (ton)	Asmin (in²)	ρ	As req (in²)	fy ext (klpsi)	As#8 (mm²)	fy int (klpsi)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	øMn ext (ton-m)	øMn int (ton-m)	M12 (ton-m)	Cumple
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-27.3	3.13	0.93	0	2	5	1	0.0	0.0	64.00	64.00	47.75	47.75	2.14	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-62.9	3.13	0.93	0	2	5	1	0.0	0.0	64.08	64.08	47.82	47.82	-11.37	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-27.3	3.13	0.93	0	2	5	1	0.0	0.0	64.17	64.17	47.89	47.89	2.14	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-62.9	3.13	0.93	0	2	5	1	0.0	0.0	64.28	64.28	47.96	47.96	-11.37	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-27.3	3.13	0.93	0	2	5	1	0.0	0.0	64.35	64.35	48.01	48.02	2.14	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-62.9	3.13	0.93	0	2	5	1	0.0	0.0	64.44	64.44	48.08	48.08	-11.37	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-25.5	3.13	0.93	0	2	5	1	0.0	0.0	64.53	64.53	48.15	48.15	3.15	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-61.5	3.13	0.93	0	2	5	1	0.0	0.0	64.62	64.62	48.21	48.22	-10.85	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-25.5	3.13	0.93	0	3	5	1	0.0	0.0	64.70	64.70	48.28	48.28	3.12	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-61.5	3.13	0.93	0	3	5	1	0.0	0.0	64.79	64.79	48.35	48.35	-10.85	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-25.5	3.13	0.93	0	3	5	1	0.0	0.0	64.88	64.88	48.41	48.41	3.12	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-61.5	3.13	0.93	0	3	5	1	0.0	0.0	64.97	64.97	48.48	48.48	-10.85	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-25.5	3.13	0.93	0	3	5	1	0.0	0.0	65.06	65.06	48.55	48.55	3.12	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-61.5	3.13	0.93	0	3	5	1	0.0	0.0	65.15	65.15	48.61	48.61	-10.85	SI
2 Piso	P7	Top	0.9D+W+Ecub	-20.1	3.13	0.93	0	3	5	1	0.0	0.0	65.24	65.24	48.68	48.68	7.4	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-54.0	3.13	0.93	0	3	5	1	0.0	0.0	65.32	65.32	48.74	48.74	-25.86	SI
2 Piso	P7	Top	0.9D+W+Ecub	-20.5	3.13	0.93	0	3	5	1	0.0	0.0	65.41	65.41	48.81	48.81	-0.18	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-57.0	3.13	0.93	0	4	5	1	0.0	0.0	65.50	65.50	48.88	48.88	-12.01	SI
2 Piso	P7	Top	0.9D+W+Ecub	-20.3	3.13	0.93	0	4	5	1	0.0	0.0	65.59	65.59	48.94	48.94	3.10	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-55.7	3.13	0.93	0	4	5	1	0.0	0.0	65.68	65.68	49.01	49.01	-18.70	SI
2 Piso	P7	Top	0.9D+W+Ecub	-20.1	3.13	0.93	0	4	5	1	0.0	0.0	65.77	65.77	49.07	49.07	3.08	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-55.0	3.13	0.93	0	4	5	1	0.0	0.0	65.86	65.86	49.14	49.14	-18.64	SI
2 Piso	P7	Top	0.9D+W+Ecub	-18.9	3.13	0.93	0	4	5	1	0.0	0.0	65.94	65.94	49.21	49.21	2.10	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-45.4	3.13	0.93	0	4	5	1	0.0	0.0	66.03	66.03	49.27	49.27	-6.46	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-18.8	3.13	0.93	0	4	5	1	0.0	0.0	66.12	66.12	49.34	49.34	2.10	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-45.4	3.13	0.93	0	4	5	1	0.0	0.0	66.21	66.21	49.40	49.40	-6.45	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-18.8	3.13	0.93	0	4	5	1	0.0	0.0	66.30	66.30	49.47	49.47	2.10	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-45.4	3.13	0.93	0	5	5	1	0.0	0.0	66.39	66.39	49.54	49.54	-6.48	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-18.8	3.13	0.93	0	5	5	1	0.0	0.0	66.47	66.47	49.60	49.60	2.10	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-45.4	3.13	0.93	0	5	5	1	0.0	0.0	66.56	66.56	49.67	49.67	-6.48	SI
2 Piso	P7	Top	0.9D+W+Ecub	-15.1	3.13	0.93	0	5	5	1	0.0	0.0	66.65	66.65	49.73	49.73	2.12	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-34.7	3.13	0.93	0	5	5	1	0.0	0.0	66.74	66.74	49.80	49.80	-15.15	SI
2 Piso	P7	Top	0.9D+W+Ecub	-15.0	3.13	0.93	0	5	5	1	0.0	0.0	66.83	66.83	49.87	49.87	-1.09	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-42.7	3.13	0.93	0	5	5	1	0.0	0.0	66.92	66.92	49.93	49.93	-1.38	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-15.3	3.13	0.93	0	5	5	1	0.0	0.0	67.01	67.01	50.00	50.00	1.48	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-41.4	3.13	0.93	0	5	5	1	0.0	0.0	67.08	67.08	50.06	50.06	-8.32	SI
2 Piso	P7	Top	1.2(D+W)+L+Lcub	-15.3	3.13	0.93	0	5	5	1	0.0	0.0	67.18	67.18	50.13	50.13	1.44	SI
2 Piso	P7	Bottom	1.2(D+W)+L+Lcub	-41.0	3.13	0.93	0	6	5	1	0.0	0.0	67.27	67.27	50.20	50.20	-8.39	SI
2 Piso	P7	Top	0.9D+W+Ecub	-24.7	3.13	0.93	0	6	5	1	0.0	0.0	67.36	67.36	50.26	50.26	4.18	SI
2 Piso	P7	Bottom	0.9D+W+Ecub	-51.7	3.13	0.93	0	6	5	1	0.0	0.0	67.45	67.45	50.33	50.33	-23.52	SI
2 Piso	P7	Top	B243+W+G	-36.7	3.13	0.93	0	6	5	1	0.0	0.0	67.54	67.54	50.40	50.40	3.08	SI
2 Piso	P7	Bottom	B243+W+G	-73.9	3.13	0.93	0	6	5	1	0.0	0.0	67.63	67.63	50.46	50.46	-11.62	SI
2 Piso	P7	Top	B243+W+G	-36.7	3.13	0.93	0	6	5	1	0.0	0.0	67.71	67.71	50.53	50.53	3.06	SI
2 Piso	P7	Bottom	B243+W+G	-73.9	3.13	0.93	0	6	5	1	0.0	0.0	67.80	67.80	50.59	50.59	-11.62	SI
2 Piso	P7	Top	B243+W+G	-36.7	3.13	0.93	0	6	5	1	0.0	0.0	67.89	67.89	50.66	50.66	3.06	SI
2 Piso	P7	Bottom	B243+W+G	-73.9	3.13	0.93	0	6	5	1	0.0	0.0	67.98	67.98	50.72	50.72	-11.62	SI
2 Piso	P7	Top	B243+W+G	-36.7	3.13	0.93	0	6	5	1	0.0	0.0	68.07	68.07	50.79	50.79	3.06	SI
2 Piso	P7	Bottom	B243+W+G	-73.9	3.13	0.93	0	6	5	1	0.0	0.0	68.16	68.16	50.86	50.86	-11.65	SI
2 Piso	P7	Top	B244+W+G	-29.4	3.13	0.93	0	7	5	1	0.0	0.0	68.24	68.24	50.92	50.92	4.12	SI
2 Piso	P7	Bottom	B244+W+G	-64.9	3.13	0.93	0	7	5	1	0.0	0.0	68.33	68.33	50.99	50.99	-10.07	SI
2 Piso	P7	Top	B244+W+G	-29.4	3.13	0.93	0	7	5	1	0.0	0.0	68.42	68.42	51.06	51.06	4.12	SI
2 Piso	P7	Bottom	B244+W+G	-64.9	3.13	0.93	0	7	5	1	0.0	0.0	68.51	68.51	51.12	51.12	-10.07	SI
2 Piso	P7	Top	B244+W+G	-29.4	3.13	0.93	0	7	5	1	0.0	0.0	68.60	68.60	51.19	51.19	4.12	SI
2 Piso	P7	Bottom	B244+W+G	-64.9	3.13	0.93	0	7	5	1	0.0	0.0	68.69	68.69	51.25	51.25	-10.07	SI

STORY	MURO	LOC.	COMB	Pu (ton)	Area A_{sc} (cm^2)	γ_s	As ext (mm^2)	fy ext (MPa)	As int (mm^2)	fy int (MPa)	d ext (mm)	d int (mm)	Mn ext (ton-m)	Mn int (ton-m)	Φ Mn ext (ton-m)	Φ Mn int (ton-m)	Mu (ton-m)	Cumple
2 Piso	P7	Top	B244-Wx+ G	-28.46	2.19	0.85	528.0	7	0.00	777	274.0	2.00	69.78	69.78	51.37	51.37	4.12	SI
2 Piso	P7	Bottom	B244-Wx+ G	-54.81	2.19	0.85	528.0	7	0.00	778	274.0	2.00	69.86	69.86	51.39	51.39	-19.07	SI
2 Piso	P10	Top	B241	-5.97	2.19	0.85	453.0	7	0.00	779	284.0	2.00	60.53	60.53	45.39	45.39	1.15	SI
2 Piso	P10	Bottom	B241	-29.85	2.19	0.85	453.0	8	0.00	780	284.0	2.00	60.61	60.61	45.45	45.45	-2.39	SI
2 Piso	P10	Top	B242 Lcub	-5.54	2.19	0.85	453.0	8	0.00	781	284.0	2.00	60.66	60.66	45.50	45.50	2.19	SI
2 Piso	P10	Bottom	B242 Lcub	-28.15	2.19	0.85	453.0	8	0.00	782	284.0	2.00	60.72	60.72	45.54	45.54	-2.50	SI
2 Piso	P10	Top	B243-Wx+ Lcub	-6.34	2.19	0.85	453.0	8	0.00	783	284.0	2.00	60.77	60.77	45.58	45.58	1.72	SI
2 Piso	P10	Bottom	B243-Wx+ Lcub	-27.7	2.19	0.85	453.0	8	0.00	784	284.0	2.00	60.82	60.82	45.62	45.62	-2.50	SI
2 Piso	P10	Top	B243-Wx+ Lcub	-6.34	2.19	0.85	453.0	8	0.00	785	284.0	2.00	60.87	60.87	45.65	45.65	1.72	SI
2 Piso	P10	Bottom	B243-Wx+ Lcub	-27.7	2.19	0.85	453.0	8	0.00	786	284.0	2.00	60.92	60.92	45.69	45.69	-2.50	SI
2 Piso	P10	Top	B243-Wx+ Lcub	-6.34	2.19	0.85	453.0	8	0.00	787	284.0	2.00	60.97	60.97	45.73	45.73	1.72	SI
2 Piso	P10	Bottom	B243-Wx+ Lcub	-27.7	2.19	0.85	453.0	8	0.00	788	284.0	2.00	61.02	61.02	45.76	45.76	-2.50	SI
2 Piso	P10	Top	B243-Wx+ Lcub	-6.34	2.19	0.85	453.0	8	0.00	789	284.0	2.00	61.07	61.07	45.80	45.80	1.72	SI
2 Piso	P10	Bottom	B243-Wx+ Lcub	-27.7	2.19	0.85	453.0	8	0.00	790	284.0	2.00	61.12	61.12	45.84	45.84	-2.50	SI
2 Piso	P10	Top	B244-Wx+ Lcub	-6.14	2.19	0.85	453.0	9	0.00	791	284.0	2.00	61.17	61.17	45.88	45.88	2.00	SI
2 Piso	P10	Bottom	B244-Wx+ Lcub	-27.29	2.19	0.85	453.0	9	0.00	792	284.0	2.00	61.22	61.22	45.92	45.92	-2.46	SI
2 Piso	P10	Top	B244-Wx+ Lcub	-6.14	2.19	0.85	453.0	9	0.00	793	284.0	2.00	61.27	61.27	45.95	45.95	2.00	SI
2 Piso	P10	Bottom	B244-Wx+ Lcub	-27.29	2.19	0.85	453.0	9	0.00	794	284.0	2.00	61.32	61.32	45.99	45.99	-2.46	SI
2 Piso	P10	Top	B244-Wx+ Lcub	-6.14	2.19	0.85	453.0	9	0.00	795	284.0	2.00	61.37	61.37	46.03	46.03	2.00	SI
2 Piso	P10	Bottom	B244-Wx+ Lcub	-27.29	2.19	0.85	453.0	9	0.00	796	284.0	2.00	61.42	61.42	46.07	46.07	-2.46	SI
2 Piso	P10	Top	B244-Wx+ Lcub	-6.14	2.19	0.85	453.0	9	0.00	797	284.0	2.00	61.47	61.47	46.10	46.10	2.00	SI
2 Piso	P10	Bottom	B244-Wx+ Lcub	-27.29	2.19	0.85	453.0	9	0.00	798	284.0	2.00	61.52	61.52	46.14	46.14	-2.46	SI
2 Piso	P10	Top	B245-Ex+	-5.48	2.19	0.85	453.0	8	0.00	799	284.0	2.00	61.57	61.57	46.18	46.18	1.83	SI
2 Piso	P10	Bottom	B245-Ex+	-31.39	2.19	0.85	453.0	10	0.00	800	284.0	2.00	62.24	62.24	46.68	46.68	-2.98	SI
2 Piso	P10	Top	B245 Ex+	-4.93	2.19	0.85	453.0	10	0.00	801	284.0	2.00	62.32	62.32	46.74	46.74	3.1	SI
2 Piso	P10	Bottom	B245-Ex+	-18.4	2.19	0.85	453.0	10	0.00	802	284.0	2.00	62.40	62.40	46.80	46.80	-1.21	SI
2 Piso	P10	Top	B245 Ex+	-4.04	2.19	0.85	453.0	10	0.00	803	284.0	2.00	62.48	62.48	47.05	47.05	2.17	SI
2 Piso	P10	Bottom	B245 Ex+	-24.47	2.19	0.85	453.0	10	0.00	804	284.0	2.00	62.55	62.55	47.11	47.11	-1.30	SI
2 Piso	P10	Top	B245-Ex+	-5.47	2.19	0.85	453.0	10	0.00	805	284.0	2.00	62.63	62.63	47.17	47.17	2.17	SI
2 Piso	P10	Bottom	B245-Ex+	-26.51	2.19	0.85	453.0	10	0.00	806	284.0	2.00	62.71	62.71	47.23	47.23	-1.78	SI
2 Piso	P10	Top	B246-Wx+	-4.48	2.19	0.85	453.0	10	0.00	807	284.0	2.00	62.79	62.79	47.29	47.29	1.2	SI
2 Piso	P10	Bottom	B246-Wx+	-20.26	2.19	0.85	453.0	10	0.00	808	284.0	2.00	62.87	62.87	47.35	47.35	-1.76	SI
2 Piso	P10	Top	B246 Wx+	-4.48	2.19	0.85	453.0	10	0.00	809	284.0	2.00	62.94	62.94	47.40	47.40	1.2	SI
2 Piso	P10	Bottom	B246 Wx+	-20.26	2.19	0.85	453.0	11	0.00	810	284.0	2.00	63.02	63.02	47.46	47.46	-1.78	SI
2 Piso	P10	Top	B246 Wx+	-4.48	2.19	0.85	453.0	11	0.00	811	284.0	2.00	63.10	63.10	47.52	47.52	1.2	SI
2 Piso	P10	Bottom	B246 Wx+	-20.26	2.19	0.85	453.0	11	0.00	812	284.0	2.00	63.18	63.18	47.58	47.58	-1.78	SI
2 Piso	P10	Top	B246 Wx+	-4.48	2.19	0.85	453.0	11	0.00	813	284.0	2.00	63.25	63.25	47.64	47.64	1.2	SI
2 Piso	P10	Bottom	B246 Wx+	-20.21	2.19	0.85	453.0	11	0.00	814	284.0	2.00	63.33	63.33	47.70	47.70	-0.52	SI
2 Piso	P10	Top	B247 Ex+	4.11	2.19	0.85	453.0	11	0.00	815	284.0	2.00	63.41	63.41	47.75	47.75	0.17	SI
2 Piso	P10	Bottom	B247 Ex+	-45.03	2.19	0.85	453.0	11	0.00	816	284.0	2.00	63.48	63.48	47.81	47.81	-1.85	SI
2 Piso	P10	Top	B247-Ex+	3.50	2.19	0.85	453.0	11	0.00	817	284.0	2.00	63.56	63.56	47.87	47.87	1.05	SI
2 Piso	P10	Bottom	B247-Ex+	-12.96	2.19	0.85	453.0	11	0.00	818	284.0	2.00	63.64	63.64	47.93	47.93	-1.41	SI
2 Piso	P10	Top	B247 Ex+	3.57	2.19	0.85	453.0	11	0.00	819	284.0	2.00	63.72	63.72	47.98	47.90	1.02	SI
2 Piso	P10	Bottom	B247 Ex+	-17.00	2.19	0.85	453.0	12	0.00	820	284.0	2.00	63.80	63.80	48.05	48.05	-1.08	SI
2 Piso	P10	Top	B247 Ex+	-4.10	2.19	0.85	453.0	12	0.00	821	284.0	2.00	63.88	63.88	48.11	48.11	1.1	SI
2 Piso	P10	Bottom	B247-Ex+	-20.01	2.19	0.85	453.0	12	0.00	822	284.0	2.00	63.95	63.95	48.16	48.16	-2.41	SI
2 Piso	P10	Top	B248 Cx-	-6.27	2.19	0.85	453.0	12	0.00	823	284.0	2.00	64.03	64.03	48.22	48.22	2.03	SI
2 Piso	P10	Bottom	B248 Cx-	-27.11	2.19	0.85	453.0	12	0.00	824	284.0	2.00	64.11	64.11	48.28	48.28	-1.90	SI
2 Piso	P10	Top	B243-Wx-G	-8.00	2.19	0.85	453.0	12	0.00	825	284.0	2.00	64.18	64.18	48.34	48.34	1.45	SI
2 Piso	P10	Bottom	B243-Wx-G	-30.84	2.19	0.85	453.0	12	0.00	826	284.0	2.00	64.26	64.26	48.40	48.40	-3.50	SI
2 Piso	P10	Top	B243-Wx-G	8.03	2.19	0.85	453.0	12	0.00	827	284.0	2.00	64.34	64.34	48.46	48.46	1.05	SI
2 Piso	P10	Bottom	B243-Wx-G	-30.90	2.19	0.85	453.0	12	0.00	828	284.0	2.00	64.42	64.42	48.52	48.52	-3.50	SI
2 Piso	P10	Top	B243-Wx+G	-8.03	2.19	0.85	453.0	12	0.00	829	284.0	2.00	64.50	64.50	48.57	48.57	1.05	SI
2 Piso	P10	Bottom	B243-Wx+G	-30.90	2.19	0.85	453.0	13	0.00	830	284.0	2.00	64.58	64.58	48.63	48.63	-3.50	SI

ANEXO 5. DISEÑO DE REFORZAMIENTO PARA FLEXIÓN PERPENDICULAR AL PLANO DEL MURO COMBINADA CON FUERZA AXIAL VERTICAL.