

Engineer: Name
5:00:26 p. m. 26/06/2025

	Length:	L = 8.07 m	a = 0.25 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 7.57 m	c = 0.25 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.25	1.01	1.76	2.52	3.28	4.04	4.79	5.55	6.31	7.06	7.82	
Mu(-), ton-m:	-9.63	-5.92	-3.02	-2.87	-2.87	-2.87	-2.87	-2.87	-5.54	-9.64	-14.36	
Mu(+), ton-m:	4.10	4.68	5.03	4.96	4.28	3.57	3.33	3.07	2.87	2.87	4.79	
As(-), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	7.33	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	5.52	5.29	4.50	3.70	2.90	3.31	4.11	4.90	5.70	6.49	6.72	
Tu, ton-m:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	12.50	12.50	
DESIGN												
	P-7	11 #3 @ 12.5 18 #3 @ 27.5 11 #3 @ 12.5									O-	

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	Length:	L = 8.43 m	a = 0.15 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 8.13 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.96	1.78	2.59	3.40	4.22	5.03	5.84	6.65	7.47	8.28	
Mu(-), ton-m:	-12.66	-7.50	-2.99	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-4.38	-8.35	
Mu(+), ton-m:	4.22	2.53	2.53	3.62	5.06	6.09	6.78	6.99	5.97	4.42	2.97	
As(-), cm2:	6.43	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	6.97	6.75	6.10	5.45	3.49	2.80	2.20	4.14	4.79	5.45	5.66	
Tu, ton-m:	0.20	0.20	0.20	0.20	0.02	0.02	0.02	0.25	0.25	0.25	0.25	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	12.50	12.50	
DESIGN												
	O-15	11 #3 @ 12.5 20 #3 @ 27.5 11 #3 @ 12.5									O-15	

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Company: Company
 Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 2)

Engineer: Name
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BEAM: P(15-16) FLOOR: 1

	Length:	L = 8.43 m	a = 0.15 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 8.13 m	c = 0.15 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.96	1.78	2.59	3.40	4.22	5.03	5.84	6.65	7.47	8.28	
Mu(-), ton-m:	-2.29	-1.08	-0.18	0.00	0.00	0.00	0.00	0.00	-0.18	-1.08	-2.29	
Mu(+), ton-m:	0.00	0.00	0.06	0.57	0.99	1.13	0.99	0.57	0.06	0.00	0.00	
As(-), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
As(+), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
Vu, ton:	1.51	1.34	1.00	0.67	0.33	0.00	0.33	0.67	1.00	1.34	1.51	
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	9.00	9.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00	
DESIGN												
	P-15	11 #3 @ 9 32 #3 @ 19 11 #3 @ 9									P-16	

BEAM: 7(P-O) FLOOR: 1

	Length:	L = 8.07 m	a = 0.25 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 7.57 m	c = 0.25 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.25	1.01	1.76	2.52	3.28	4.04	4.79	5.55	6.31	7.06	7.82	
Mu(-), ton-m:	-2.00	-0.95	-0.20	0.00	0.00	0.00	0.00	0.00	-0.20	-0.95	-2.00	
Mu(+), ton-m:	0.00	0.00	0.08	0.48	0.85	0.98	0.85	0.48	0.08	0.00	0.00	
As(-), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
As(+), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
Vu, ton:	1.40	1.25	0.93	0.62	0.31	0.00	0.31	0.62	0.93	1.25	1.40	
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	9.00	9.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00	
DESIGN												
	P-7	11 #3 @ 9 29 #3 @ 19 11 #3 @ 9									O-7	

BEAM: 11(P-O) FLOOR: 1

	Length:	L = 8.07 m	a = 0.25 m	Section:	b = 30.0 cm	Sec:	VC-30X45				
		Lu = 7.57 m	c = 0.25 m		h = 45.0 cm	Mat:	RConcrete2				
X, m:	0.25	1.01	1.76	2.52	3.28	4.04	4.79	5.55	6.31	7.06	7.82
Mu(-), ton-m:	-2.00	-0.95	-0.20	0.00	0.00	0.00	0.00	0.00	-0.20	-0.95	-2.00
Mu(+), ton-m:	0.00	0.00	0.08	0.48	0.85	0.98	0.85	0.48	0.08	0.00	0.00
As(-), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92
As(+), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92
Vu, ton:	1.40	1.25	0.93	0.62	0.31	0.00	0.31	0.62	0.93	1.25	1.40
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	9.00	9.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00
DESIGN											
	P-11	11 #3 @ 9 29 #3 @ 19 11 #3 @ 9									O-11

BEAM: 14(P-O) FLOOR: 1

	Length:	L = 8.07 m	a = 0.25 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 7.57 m	c = 0.25 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.25	1.01	1.76	2.52	3.28	4.04	4.79	5.55	6.31	7.06	7.82	
Mu(-), ton-m:	-2.00	-0.95	-0.20	0.00	0.00	0.00	0.00	0.00	-0.20	-0.95	-2.00	
Mu(+), ton-m:	0.00	0.00	0.08	0.48	0.85	0.98	0.85	0.48	0.08	0.00	0.00	
As(-), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
As(+), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	
Vu, ton:	1.40	1.25	0.93	0.62	0.31	0.00	0.31	0.62	0.93	1.25	1.40	
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	9.00	9.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00	
DESIGN												
	P-14	11 #3 @ 9 29 #3 @ 19 11 #3 @ 9									O-14	

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