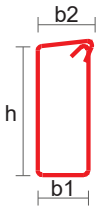
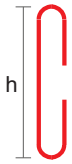
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

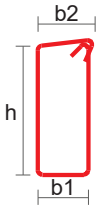
COLUMNA A1 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	
 B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8"	2.50	179.2	
 h=0.32 g=0.11	512	3/8"	0.54	154.8	
 h=0.82 g=0.11	128	3/8"	1.04	74.5	

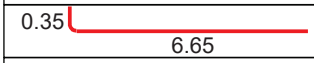
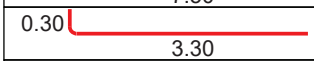
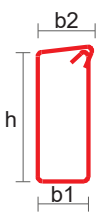
COLUMNA A2 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.30	6	3/4"	3.60	48.4	

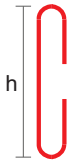
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
 b2 h b1	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8"	2.50	179.2	
 h	h=0.32 g=0.11	512	3/8"	0.54	154.8	
 h	h=0.82 g=0.11	128	3/8"	1.04	74.5	

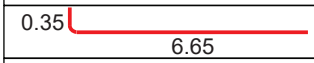
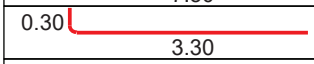
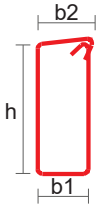
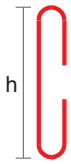
COLUMNA A3 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
 0.35 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
 0.30 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	
 b2 h b1	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8"	2.50	179.2	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32 g=0.11**	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

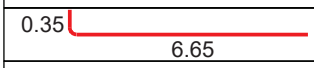
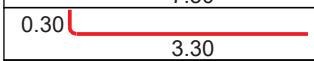
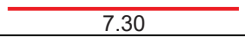
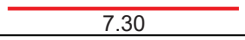
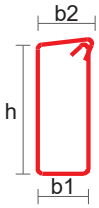
COLUMNA A4 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82** **g=0.11**	128	3/8¨	1.04	74.5	

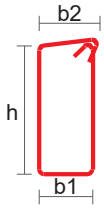
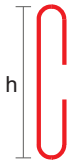
COLUMNA A5 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
 B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
 h=0.32 g=0.11	512	3/8¨	0.54	154.8	
 h=0.82 g=0.11	128	3/8¨	1.04	74.5	

COLUMNA B1 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

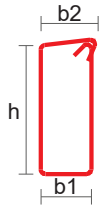
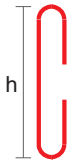
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 6.65		8	7/8"	7.00	170.6	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 3.30		6	3/4"	3.60	48.4	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8"	2.40	172.0	
	h=0.32 g=0.11	512	3/8"	0.54	154.8	
	h=0.77 g=0.11	128	3/8"	0.99	71.0	

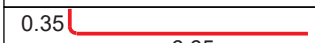
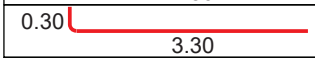
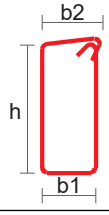
COLUMNA B2 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

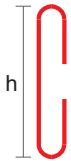
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

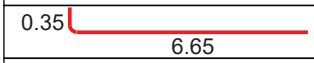
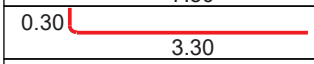
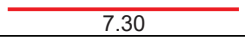
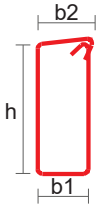
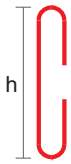
COLUMNA B3 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8¨	2.40	172.0	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32 g=0.11**	512	3/8¨	0.54	154.8	
	h=0.77 g=0.11	128	3/8¨	0.99	71.0	

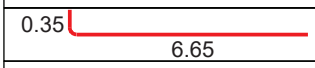
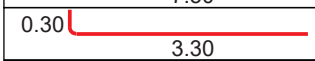
COLUMNA B4 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

 **h=0.82 g=0.11**	128	3/8¨	1.04	74.5	

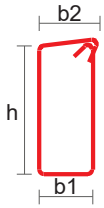
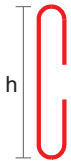
COLUMNA B5 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
 B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8¨	2.40	172.0	
 h=0.32 g=0.11	512	3/8¨	0.54	154.8	
 h=0.77 g=0.11	128	3/8¨	0.99	71.0	

COLUMNA C1 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

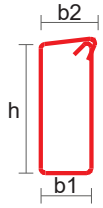
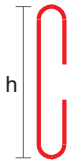
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65		8	7/8"	7.00	170.6	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 / 3.30		6	3/4"	3.60	48.4	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8"	2.40	172.0	
	h=0.32 g=0.11	512	3/8"	0.54	154.8	
	h=0.77 g=0.11	128	3/8"	0.99	71.0	

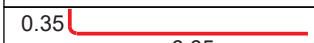
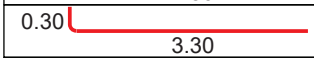
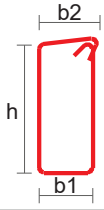
COLUMNA C2 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

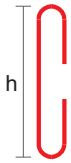
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

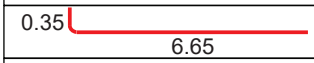
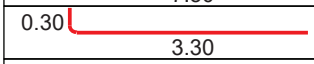
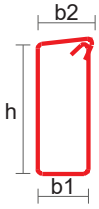
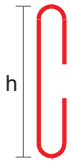
COLUMNA C3 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8¨	2.40	172.0	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	512	3/8¨	0.54	154.8	
	h=0.77 g=0.11	128	3/8¨	0.99	71.0	

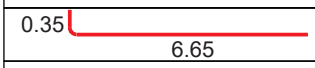
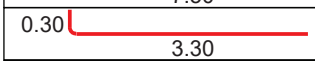
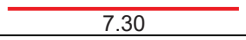
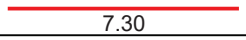
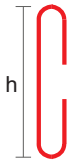
COLUMNA C4 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82** **g=0.11**	128	3/8¨	1.04	74.5	

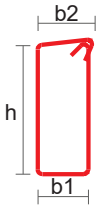
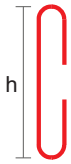
COLUMNA C5 0.40*0.85 (INICIO N+0.00) (Es 1) Peso/Elemento= 1177.66Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	7.00	170.6	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	3.60	48.4	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	128	3/8¨	2.40	172.0	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	
	h=0.77 g=0.11	128	3/8¨	0.99	71.0	

COLUMNA D1 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

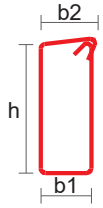
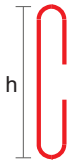
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	
 B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8"	2.50	179.2	
 h=0.32 g=0.11	512	3/8"	0.54	154.8	
 h=0.82 g=0.11	128	3/8"	1.04	74.5	

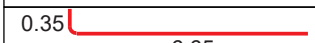
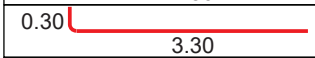
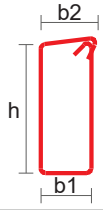
COLUMNA D2 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.65	8	7/8"	7.00	170.6	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.30	6	3/4"	3.60	48.4	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

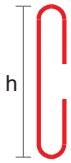
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

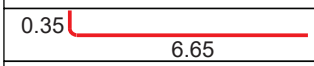
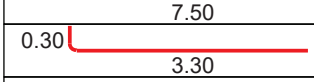
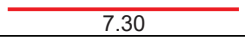
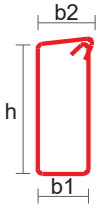
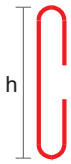
COLUMNA D3 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

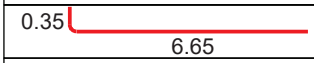
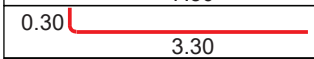
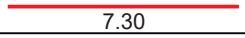
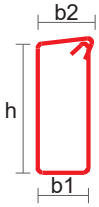
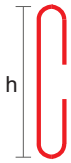
COLUMNA D4 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	7.00	170.6	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.60	48.4	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82 g=0.11**	128	3/8¨	1.04	74.5	

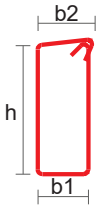
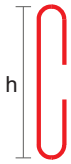
COLUMNA D5 0.40*0.90 (INICIO N+0.00) (Es 1) Peso/Elemento= 1188.41Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	7.00	170.6	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	3.60	48.4	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	128	3/8¨	2.50	179.2	
	h=0.32 g=0.11	512	3/8¨	0.54	154.8	
	h=0.82 g=0.11	128	3/8¨	1.04	74.5	

COLUMNA A6 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

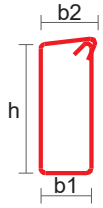
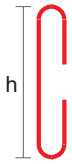
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 / 3.45		8	7/8"	3.80	92.7	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 / 6.40		6	3/4"	6.70	90.0	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	92	3/8"	2.50	128.8	
	h=0.32 g=0.11	368	3/8"	0.54	111.3	
	h=0.82 g=0.11	92	3/8"	1.04	53.6	

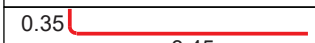
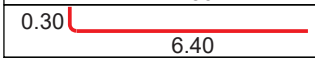
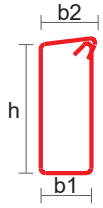
COLUMNA A7 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 3.45	8	7/8"	3.80	92.7	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 6.40	6	3/4"	6.70	90.0	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

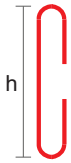
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	92	3/8¨	2.50	128.8	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	
	h=0.82 g=0.11	92	3/8¨	1.04	53.6	

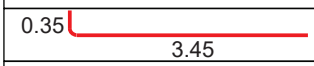
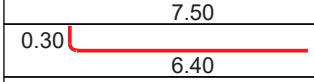
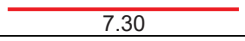
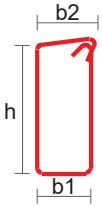
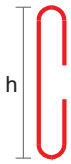
COLUMNA A8 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	3.80	92.7	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	6.70	90.0	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	92	3/8¨	2.50	128.8	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	368	3/8¨	0.54	111.3	
	h=0.82 g=0.11	92	3/8¨	1.04	53.6	

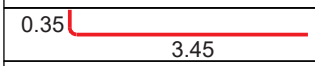
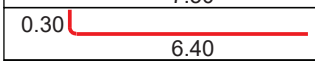
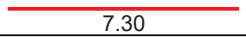
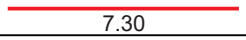
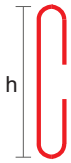
COLUMNA B6 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	3.80	92.7	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	6.70	90.0	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	92	3/8¨	2.40	123.6	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.77** **g=0.11**	92	3/8¨	0.99	51.0	

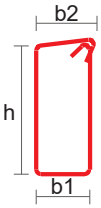
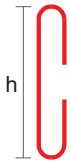
COLUMNA B7 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	3.80	92.7	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	6.70	90.0	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	92	3/8¨	2.40	123.6	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	
	h=0.77 g=0.11	92	3/8¨	0.99	51.0	

COLUMNA B8 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

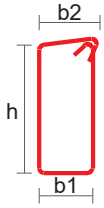
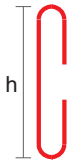
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 / 3.45		8	7/8"	3.80	92.7	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 / 6.40		6	3/4"	6.70	90.0	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	92	3/8"	2.40	123.6	
	h=0.32 g=0.11	368	3/8"	0.54	111.3	
	h=0.77 g=0.11	92	3/8"	0.99	51.0	

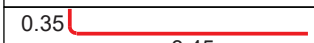
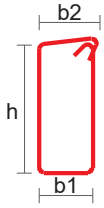
COLUMNA C6 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 3.45	8	7/8"	3.80	92.7	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 6.40	6	3/4"	6.70	90.0	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

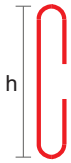
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.77** **g= 0.11**	92	3/8¨	2.40	123.6	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	
	h=0.77 g=0.11	92	3/8¨	0.99	51.0	

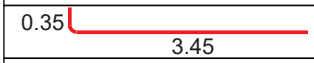
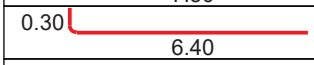
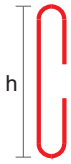
COLUMNA C7 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	3.80	92.7	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	6.70	90.0	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	92	3/8¨	2.40	123.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	368	3/8¨	0.54	111.3	
	h=0.77 g=0.11	92	3/8¨	0.99	51.0	

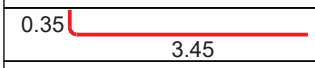
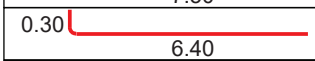
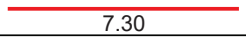
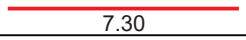
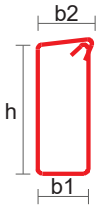
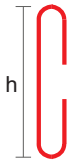
COLUMNA C8 0.40*0.85 (INICIO N+3.15) (Es 1) Peso/Elemento= 1029.46Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	3.80	92.7	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	6.70	90.0	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	92	3/8¨	2.40	123.6	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.77** **g=0.11**	92	3/8¨	0.99	51.0	

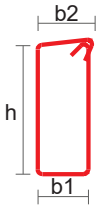
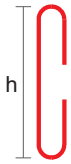
COLUMNA D6 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	3.80	92.7	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	6.70	90.0	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	92	3/8¨	2.50	128.8	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	
	h=0.82 g=0.11	92	3/8¨	1.04	53.6	

COLUMNA D7 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

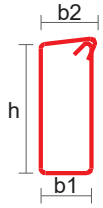
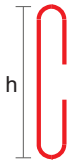
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 / 3.45		8	7/8"	3.80	92.7	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 / 6.40		6	3/4"	6.70	90.0	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	92	3/8"	2.50	128.8	
	h=0.32 g=0.11	368	3/8"	0.54	111.3	
	h=0.82 g=0.11	92	3/8"	1.04	53.6	

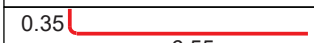
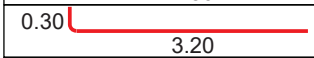
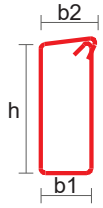
COLUMNA D8 0.40*0.90 (INICIO N+3.15) (Es 1) Peso/Elemento= 1037.19Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 3.45	8	7/8"	3.80	92.7	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 6.40	6	3/4"	6.70	90.0	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

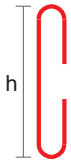
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	92	3/8¨	2.50	128.8	
	h=0.32 g=0.11	368	3/8¨	0.54	111.3	
	h=0.82 g=0.11	92	3/8¨	1.04	53.6	

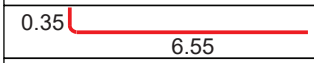
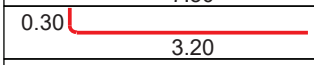
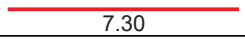
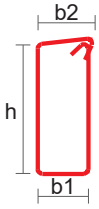
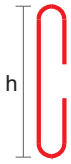
COLUMNA A9 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32 g=0.11**	224	3/8¨	0.54	67.7	
	h=0.82 g=0.11	56	3/8¨	1.04	32.6	

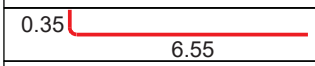
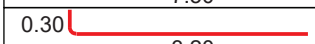
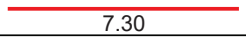
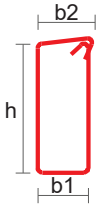
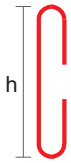
COLUMNA A10 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82** **g=0.11**	56	3/8¨	1.04	32.6	

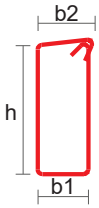
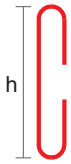
COLUMNA A11 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
 B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	
 h=0.32 g=0.11	224	3/8¨	0.54	67.7	
 h=0.82 g=0.11	56	3/8¨	1.04	32.6	

COLUMNA B9 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

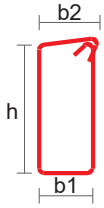
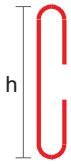
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 6.55		8	7/8"	6.90	168.2	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 3.20		6	3/4"	3.50	47.1	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8"	2.50	78.4	
	h=0.32 g=0.11	224	3/8"	0.54	67.7	
	h=0.82 g=0.11	56	3/8"	1.04	32.6	

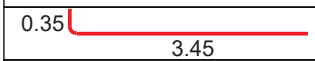
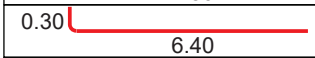
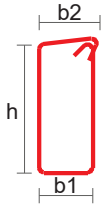
COLUMNA B10 0.40*0.85 (INICIO N+6.30) (Es 1) Peso/Elemento= 917.58Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 3.45	8	7/8"	3.80	92.7	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 6.40	6	3/4"	6.70	90.0	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

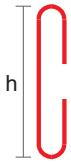
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.77** **g= 0.11**	56	3/8¨	2.40	75.3	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	
	h=0.77 g=0.11	56	3/8¨	0.99	31.0	

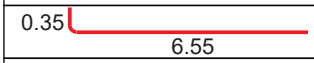
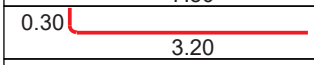
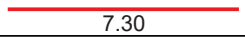
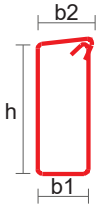
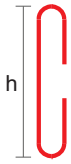
COLUMNA B11 0.40*0.85 (INICIO N+6.30) (Es 1) Peso/Elemento= 917.58Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	3.80	92.7	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	6.70	90.0	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	56	3/8¨	2.40	75.3	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	224	3/8¨	0.54	67.7	
	h=0.77 g=0.11	56	3/8¨	0.99	31.0	

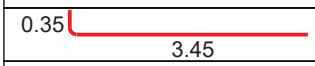
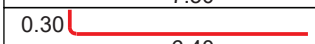
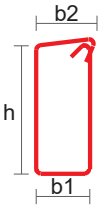
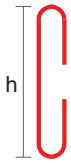
COLUMNA C9 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82 g=0.11**	56	3/8¨	1.04	32.6	

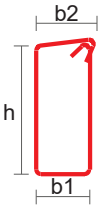
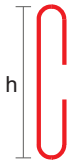
COLUMNA C10 0.40*0.85 (INICIO N+6.30) (Es 1) Peso/Elemento= 917.58Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	7/8¨	3.80	92.7	
		8	7/8¨	7.50	182.5	
		8	7/8¨	7.50	182.5	
		6	3/4¨	6.70	90.0	
		6	3/4¨	7.30	97.9	
		6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	56	3/8¨	2.40	75.3	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	
	h=0.77 g=0.11	56	3/8¨	0.99	31.0	

COLUMNA C11 0.40*0.85 (INICIO N+6.30) (Es 1) Peso/Elemento= 917.58Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS

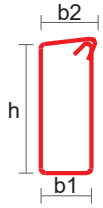
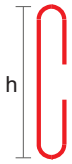
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

0.35 / 3.45		8	7/8"	3.80	92.7	
7.50		8	7/8"	7.50	182.5	
7.50		8	7/8"	7.50	182.5	
0.30 / 6.40		6	3/4"	6.70	90.0	
7.30		6	3/4"	7.30	97.9	
7.30		6	3/4"	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.77 g= 0.11	56	3/8"	2.40	75.3	
	h=0.32 g=0.11	224	3/8"	0.54	67.7	
	h=0.77 g=0.11	56	3/8"	0.99	31.0	

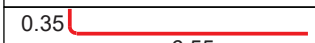
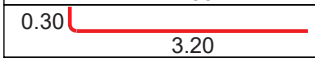
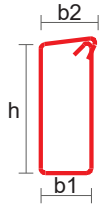
COLUMNA D9 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
0.35 / 6.55	8	7/8"	6.90	168.2	
7.50	8	7/8"	7.50	182.5	
7.50	8	7/8"	7.50	182.5	
0.30 / 3.20	6	3/4"	3.50	47.1	
7.30	6	3/4"	7.30	97.9	
7.30	6	3/4"	7.30	97.9	

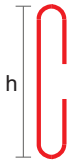
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**B1= 0.32** **B2= 0.32** **H= 0.82** **g= 0.11**	56	3/8¨	2.50	78.4	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	
	h=0.82 g=0.11	56	3/8¨	1.04	32.6	

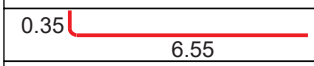
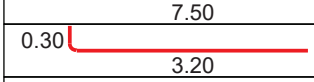
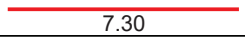
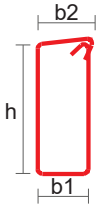
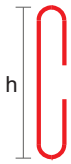
COLUMNA D10 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.32** **g=0.11**	224	3/8¨	0.54	67.7	
	h=0.82 g=0.11	56	3/8¨	1.04	32.6	

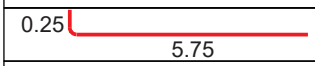
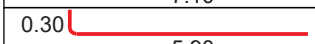
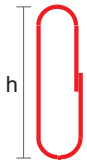
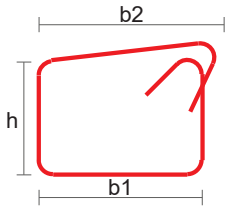
COLUMNA D11 0.40*0.90 (INICIO N+6.30) (Es 1) Peso/Elemento= 954.81Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	7/8¨	6.90	168.2	
	8	7/8¨	7.50	182.5	
	8	7/8¨	7.50	182.5	
	6	3/4¨	3.50	47.1	
	6	3/4¨	7.30	97.9	
	6	3/4¨	7.30	97.9	
	B1= 0.32 B2= 0.32 H= 0.82 g= 0.11	56	3/8¨	2.50	78.4	
	h=0.32 g=0.11	224	3/8¨	0.54	67.7	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	**h=0.82** **g=0.11**	56	3/8¨	1.04	32.6	

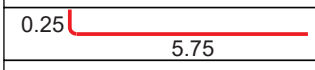
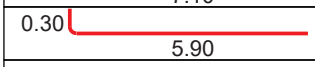
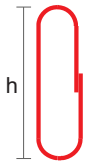
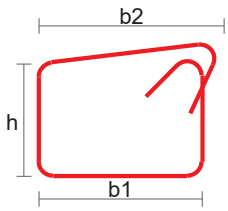
MURO A2 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA		CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
		8	5/8¨	6.00	74.5	
		8	5/8¨	7.00	86.9	
		8	5/8¨	7.10	88.2	
		8	3/4¨	6.20	111.0	
		8	3/4¨	7.20	128.7	
		8	3/4¨	7.50	134.1	
	h=0.22 g=0.11	210	3/8¨	0.44	51.7	
	h=0.32 g=0.11	42	3/8¨	0.54	12.7	
	B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

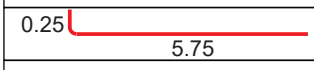
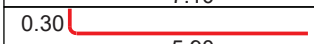
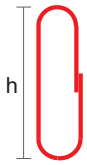
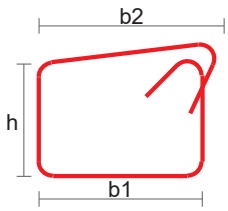
MURO A3 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

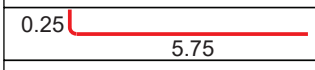
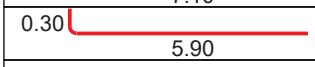
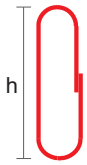
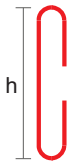
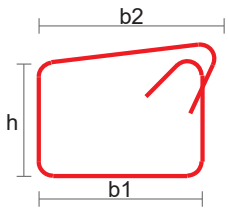
MURO A4 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

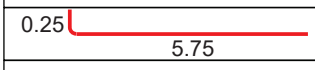
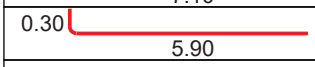
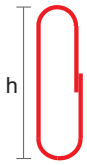
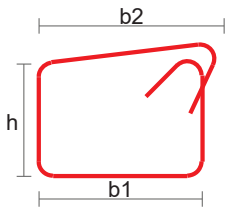
MURO B2 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

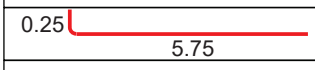
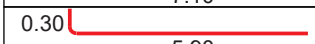
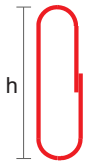
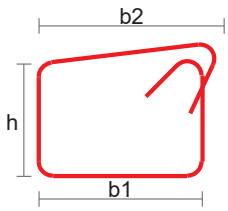
MURO B4 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	42	3/8"	3.90	91.7	

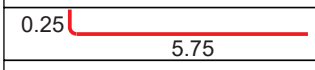
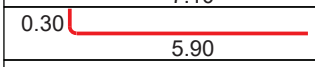
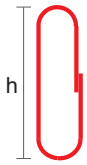
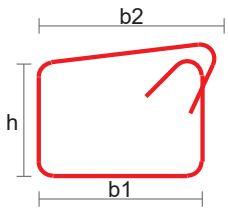
MURO C2 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8"	6.00	74.5	
	8	5/8"	7.00	86.9	
	8	5/8"	7.10	88.2	
	8	3/4"	6.20	111.0	
	8	3/4"	7.20	128.7	
	8	3/4"	7.50	134.1	
 h=0.22 g=0.11	210	3/8"	0.44	51.7	
 h=0.32 g=0.11	42	3/8"	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8"	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

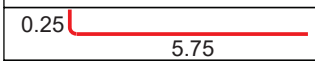
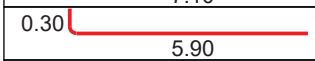
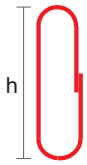
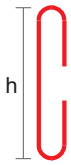
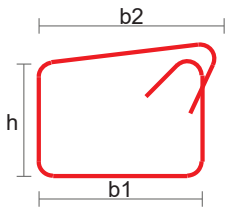
MURO C4 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

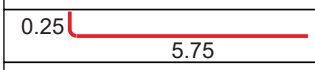
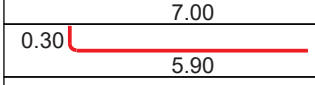
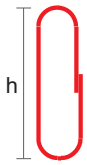
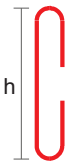
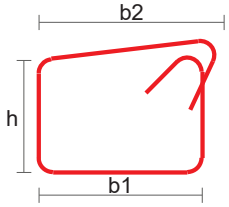
MURO D2 (INICIO N+0.00) (Es 1) Peso/Elemento= 810.18Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	5/8¨	7.10	88.2	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
	8	3/4¨	7.50	134.1	
 h=0.22 g=0.11	210	3/8¨	0.44	51.7	
 h=0.32 g=0.11	42	3/8¨	0.54	12.7	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	42	3/8¨	1.30	30.6	

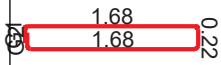
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	42	3/8¨	3.90	91.7	

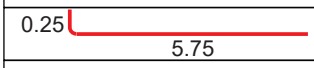
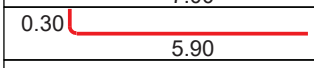
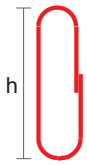
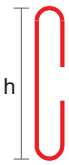
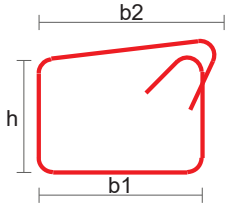
MURO A8 (INICIO N+3.15) (Es 1) Peso/Elemento= 525.68Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
 h=0.22 g=0.11	140	3/8¨	0.44	34.5	
 h=0.32 g=0.11	28	3/8¨	0.54	8.5	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	28	3/8¨	1.30	20.4	

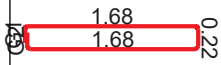
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	28	3/8¨	3.90	61.2	

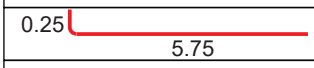
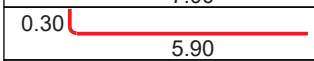
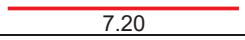
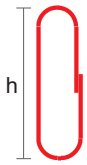
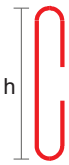
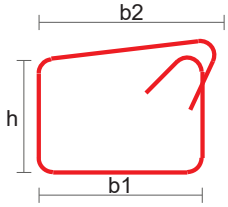
MURO A9 (INICIO N+6.30) (Es 1) Peso/Elemento= 463.43Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
 h=0.22 g=0.11	70	3/8¨	0.44	17.2	
 h=0.32 g=0.11	14	3/8¨	0.54	4.2	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	14	3/8¨	1.30	10.2	

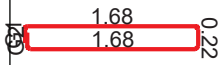
ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	14	3/8¨	3.90	30.6	

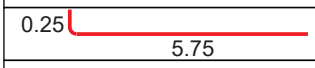
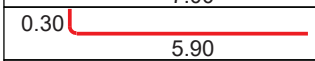
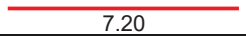
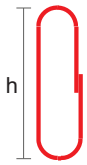
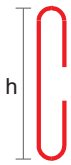
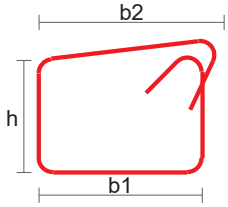
MURO B9 (INICIO N+6.30) (Es 1) Peso/Elemento= 463.43Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
 h=0.22 g=0.11	70	3/8¨	0.44	17.2	
 h=0.32 g=0.11	14	3/8¨	0.54	4.2	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	14	3/8¨	1.30	10.2	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	14	3/8¨	3.90	30.6	

MURO C9 (INICIO N+6.30) (Es 1) Peso/Elemento= 463.43Kg

DIAGRAMA	CANTIDAD	DIAMETR	LONGITUD	PESO TOT	NOTAS
	8	5/8¨	6.00	74.5	
	8	5/8¨	7.00	86.9	
	8	3/4¨	6.20	111.0	
	8	3/4¨	7.20	128.7	
 h=0.22 g=0.11	70	3/8¨	0.44	17.2	
 h=0.32 g=0.11	14	3/8¨	0.54	4.2	
 B1= 0.32 B2= 0.32 H= 0.22 g= 0.11	14	3/8¨	1.30	10.2	

ACERO DE COLUMNAS Y MUROS
INICIO (N+0.00 - N+3.15 - N+6.30) FINAL (N+9.45)
Listas elemento por elemento

	14	3/8¨	3.90	30.6	