



N +9.00	N +9.00	N +9.00	N +9.00	N +9.00	N +9.00	N +9.00	N +9.00				
N +4.50	N +4.50	N +4.50	N +4.50	N +4.50	N +4.50	N +4.50	N +4.50				
N +2.10	N +2.10	N +2.10	N +2.10	N +2.10	N +2.10	N +2.10	N +2.10				
N + 0.00	N + 0.00	N + 0.00	N + 0.00	N + 0.00	N + 0.00	N + 0.00	N + 0.00				
N - 0.90	N - 0.90	N - 0.90	N - 0.90	N - 0.90	N - 0.90	N - 0.90	N - 0.90				
N - 4.32	N - 4.32	N - 4.32	N - 4.32	N - 4.32	N - 4.32	N - 4.32	N - 4.32				
TIPO	C1	TIPO	C2	TIPO	C3	TIPO	C4	TIPO	C5	TIPO	C6
LONGITUD	13.32	LONGITUD	6.42	LONGITUD	4.32	LONGITUD	0.90	LONGITUD	9.00	LONGITUD	3.00
CANTIDAD	36	CANTIDAD	3	CANTIDAD	9	CANTIDAD	4	CANTIDAD	6	CANTIDAD	6

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PLANILLA DE ACERO ESTRUCTURAL							
POS	PERFIL	SECCION	LONGITUD	No	PESO(Kg)	PESO TOTAL(Kg)	MATERIAL
101	PL	560 x 20	13320	72	1171.09	84318.48	A 572 G-50
102	PL	600 x 20	13320	72	1254.74	90341.28	A 572 G-50
SUBTOTAL					174659.76		
103	PL	560 x 20	6420	6	564.45	3386.70	A 572 G-50
104	PL	600 x 20	6420	6	624.78	3750.66	A 572 G-50
SUBTOTAL					7015.26		
105	PL	560 x 20	4320	18	379.81	6836.58	A 572 G-50
106	PL	600 x 20	4320	18	426.54	7677.72	A 572 G-50
SUBTOTAL					14161.50		
107	PL	400 x 10	900	8	28.26	226.08	A 572 G-50
108	PL	380 x 10	900	8	25.85	214.80	A 572 G-50
SUBTOTAL					440.88		
109	PL	350 x 20	9000	12	494.55	5934.60	A 572 G-50
110	PL	310 x 20	9000	12	430.03	5160.36	A 572 G-50
SUBTOTAL					11190.96		
111	PL	250 x 10	3000	12	58.88	706.56	A 572 G-50
112	PL	230 x 10	3000	12	54.17	650.04	A 572 G-50
SUBTOTAL					1356.60		
TOTAL ACERO:					207468.36		

PLANILLA DE HIERRO														
MC	nº	tipo	Nº	dimensiones (m)						longitud (m)				
				a	b	c	d	e	g	desarrollo	total			
VIGAS EJES A-B-C-D-E-F														
101	20	L	18	8.60	1	x	0.40			9.00	162.00			
102	16	L	18	8.60	1	x	0.40			9.00	162.00			
103	20	L	18	11.60	1	x	0.40			12.00	216.00			
104	16	L	18	11.60	1	x	0.40			12.00	216.00			
105	20	I	50	9.00						9.00	450.00			
106	20	I	35	12.00						12.00	420.00			
107	16	I	76	12.00						12.00	912.00			
108	16	I	24	9.00						9.00	216.00			
109	20	L	72	5.60	1	x	0.40			6.00	432.00			
110	16	L	22	5.60	1	x	0.40			6.00	132.00			
111	25	L	2	12.00						12.00	24.00			
VIGAS EJES 1-2-3-4-5-6-7-8														
112	20	L	27	8.60	1	x	0.40			9.00	243.00			
113	16	L	24	8.60	1	x	0.40			9.00	216.00			
114	20	L	71	5.60	1	x	0.40			6.00	426.00			
115	16	L	27	5.60	1	x	0.40			6.00	162.00			
116	20	I	197	9.00						9.00	1773.00			
117	16	I	33	9.00						9.00	297.00			
118	20	I	331	12.00						12.00	3972.00			
119	16	I	27	12.00						12.00	324.00			
120	20	L	59	8.10	1	x	0.40			8.50	501.50			
121	16	L	17	8.10	1	x	0.40			8.50	144.50			
122	25	I	4	12.00						12.00	48.00			
123	25	L	2	5.60	1	x	0.40			6.00	12.00			
124	10	O	1918	2	x	1.20	2	x	0.55	2	x	0.15	3.80	7288.40
LOSA DE CIMENTACION														
125	18	L	311	8.70	1	x	0.30			9.00	2799.00			
126	18	L	1866	12.00						12.00	22392.00			
127	18	L	311	6.90	1	x	0.30			7.20	2239.20			
128	18	L	521	11.70	1	x	0.30			12.00	6252.00			
129	18	I	2072							0.00	0.00			
130	16	L	420	11.70	1	x	0.30			12.00	5040.00			
131	16	I	954	12.00						12.00	11448.00			
132	16	L	159	3.70	1	x	0.30			4.00	636.00			
133	16	L	263	5.90	1	x	0.30			6.20	1630.60			
134	16	I	785	12.00						12.00	9420.00			
MURO 1														
150	10	L	18	11.70	1	x	0.30			12.00	216.00			
151	10	I	108	12.00						12.00	1296.00			
152	10	L	18	4.00	1	x	0.30			4.30	77.40			
153	22	C	1114	3.00	2	x	0.30			3.60	4010.40			
154	25	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
155	22	C1	557	3.15	1	x	0.25	1	x	0.50	3.90	2172.30		
156	10	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
157	14	L	21	11.75	1	x	0.25			12.00	252.00			
158	14	L	125	12.00						12.00	1512.00			
159	14	L	21	4.90	1	x	0.25			5.15	108.15			
MURO 2														
160	10	L	18	11.70	1	x	0.30			12.00	216.00			
161	10	L	54	12.00						12.00	648.00			
162	10	L	18	6.35	1	x	0.30			6.65	119.70			
163	22	C	688	3.00	2	x	0.30			3.60	2476.80			
164	25	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
165	22	C1	557	3.15	1	x	0.25	1	x	0.50	3.90	2172.30		
166	10	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
167	14	L	21	11.75	1	x	0.25			12.00	252.00			
168	14	I	504	12.00						12.00	6048.00			
169	14	L	21	6.35	1	x	0.25			6.60	138.60			
MURO 3														
170	10	L	18	11.70	1	x	0.30			12.00	216.00			
171	10	I	108	12.00						12.00	1296.00			
172	10	L	18	3.25	1	x	0.30			3.55	63.90			
173	22	C	1114	3.00	2	x	0.30			3.60	4010.40			
174	25	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
175	22	C1	557	3.15	1	x	0.25	1	x	0.50	3.90	2172.30		
176	10	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
177	14	L	21	11.75	1	x	0.25			12.00	252.00			
178	14	L	125	12.00						12.00	1512.00			
179	14	L	21	3.75	1	x	0.25			4.00	84.00			
MURO 4														
180	10	L	18	11.70	1	x	0.30			12.00	216.00			
181	10	L	54	12.00						12.00	648.00			
182	10	L	18	6.35	1	x	0.30			6.65	119.70			
183	22	C	688	3.00	2	x	0.30			3.60	2476.80			
184	25	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
185	22	C1	557	3.15	1	x	0.25	1	x	0.50	3.90	2172.30		
186	10	C1	278	5.40	1	x	0.25	1	x	0.50	6.15	1709.70		
187	14	L	21	11.75	1	x	0.25			12.00	252.00			
188	14	I	504	12.00						12.00	6048.00			
189	14	L	21	6.35	1	x	0.25			6.60	138.60			
RESUMEN DE MATERIALES														
ACERO														
ELEMENTOS	8mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm	25mm	Hormigon (m³)				
VIGAS EJES A-B-C-D-E-F	0	0	0	0	1638	0	5472	0	24	583.15				
VIGAS EJES 1-2-3-4-5-6-7-8	0	7284.4	0	0	1143.5	0	6915.6	0	69	484.10				
LOSA DE CIMENTACION	0	2693.4	0	6438.6	0	0	0	0	4649.1	1709.7				
MURO 1	0	3299.1	0	1872.15	0	0	0	0	6182.7	253.91				
MURO 2	0	2693.4	0	6438.6	0	0	0	0	4649.1	1709.7				
MURO 3	0	3285.6	0	1848	0	0	0	0	6182.7	251.67				
MURO 4	0	2693.4	0	6438.6	0	0	0	0	4649.1	1709.7				
TOTAL (m)	0	21653.3	0	23298	12781.5	0	12387.5	26312.7	6625.5	3179.59				
TOTAL (kg)	0	13546.2	0	27827.4	4389.21									