

REPLANTEO		
PUNTOS	X	Y
①	432854.887	4586460.991
②	432851.006	4586461.960
③	432851.975	4586465.841
④	432855.856	4586464.872
⑤	432856.826	4586468.753
⑥	432852.945	4586469.722
⑦	432853.914	4586473.603
⑧	432857.795	4586472.633
⑨	432858.764	4586476.514
⑩	432854.884	4586477.483
⑪	432855.853	4586481.364
⑫	432859.734	4586480.395
⑬	432860.703	4586484.276
⑭	432856.822	4586485.245
⑮	432857.792	4586489.126
⑯	432861.672	4586488.156
⑰	432862.642	4586492.037
⑱	432858.761	4586493.007
⑲	432859.730	4586496.887
⑳	432863.611	4586495.918
㉑	432864.580	4586499.799
㉒	432860.700	4586500.768
㉓	432861.669	4586504.649
㉔	432865.550	4586503.679
㉕	432866.519	4586507.560
㉖	432862.638	4586508.530
㉗	432863.608	4586512.410
㉘	432867.489	4586511.441
㉙	432868.458	4586515.322
㉚	432864.577	4586516.291
㉛	432865.546	4586520.172
㉜	432869.427	4586519.203

REPLANTEO		
PUNTOS	X	Y
33	432867.626	4586457.809
34	432863.745	4586458.778
35	432864.714	4586462.659
36	432868.595	4586461.690
37	432869.564	4586465.57
38	432865.683	4586466.540
39	432866.653	4586470.421
40	432870.534	4586469.451
41	432871.503	4586473.332
42	432867.622	4586474.302
43	432868.592	4586478.182
44	432872.472	4586477.213
45	432873.442	4586481.094
46	432869.561	4586482.063
47	432870.530	4586485.944
48	432874.411	4586484.974
49	432875.380	4586488.855
50	432871.500	4586489.825
51	432872.469	4586493.705
52	432876.350	4586492.736
53	432877.319	4586496.617
54	432873.438	4586497.586
55	432874.408	4586501.467
56	432878.288	4586500.498
57	432879.258	4586504.378
58	432875.377	4586505.348
59	432876.346	4586509.228
60	432880.227	4586508.259
61	432881.196	4586512.140
62	432877.316	4586513.109
63	432878.285	4586516.990
64	432882.166	4586516.021

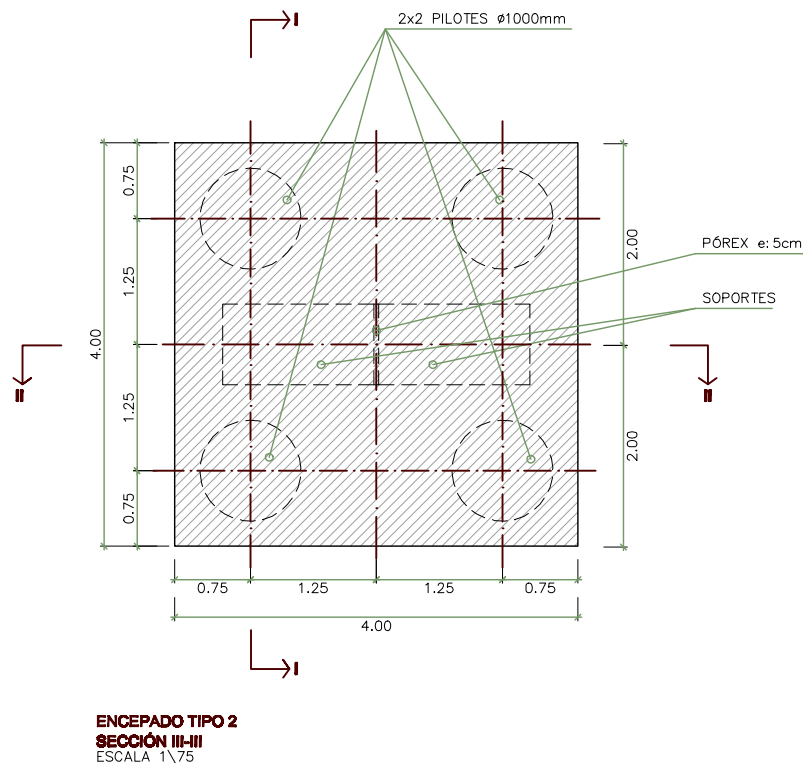
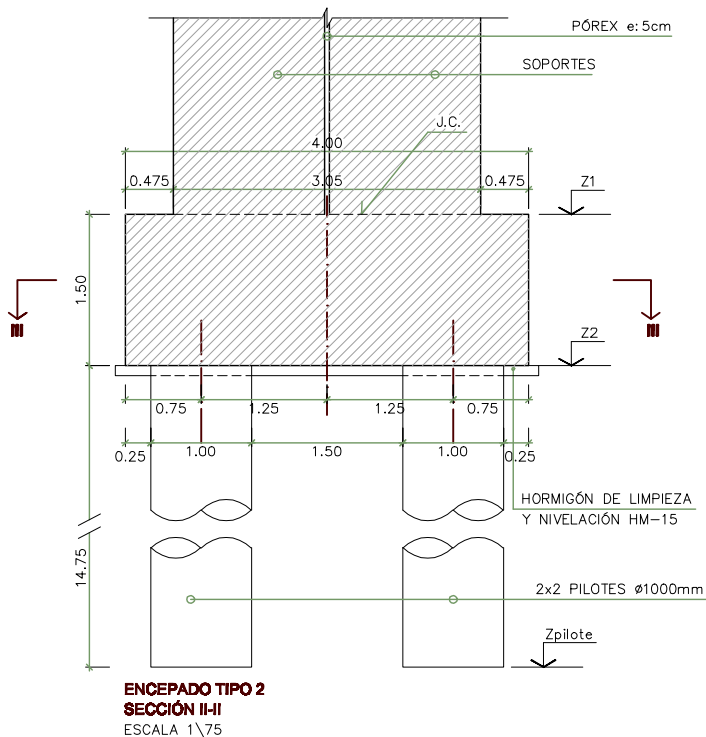
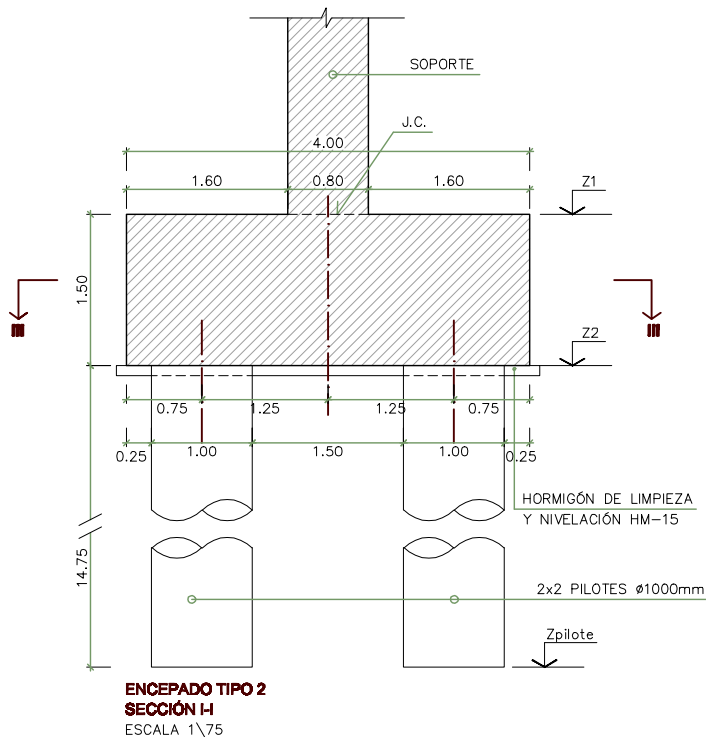
REPLANTEO		
PUNTOS	X	Y
65	432880.364	4586454.627
66	432876.483	4586455.597
67	432877.453	4586459.477
68	432881.334	4586458.508
69	432882.303	4586462.389
70	432878.422	4586463.358
71	432879.391	4586467.239
72	432883.272	4586466.270
73	432884.242	4586470.150
74	432880.361	4586471.120
75	432881.330	4586475.000
76	432885.211	4586474.031
77	432886.180	4586477.912
78	432882.300	4586478.881
79	432883.269	4586482.762
80	432887.150	4586481.793
81	432888.119	4586485.673
82	432884.238	4586486.643
83	432885.208	4586490.523
84	432889.088	4586489.554
85	432890.058	4586493.435
86	432886.177	4586494.404
87	432887.146	4586498.285
88	432891.027	4586497.316
89	432891.996	4586501.196
90	432888.116	4586502.166
91	432889.085	4586506.047
92	432892.966	4586505.077
93	432893.935	4586508.958
94	432890.054	4586509.927
95	432891.024	4586513.808
96	432894.904	4586512.839

MATERIAL	DEFINICION		NIVEL DE CONTROL	RECUBRIMIENTO ARMADURAS (mm.)
HORMIGON	LIMPIEZA Y NIVELACIÓN	HM-15	NO ESTRUCTURAL	
HORMIGON	PILOTES	HA-30/L/20/IIα+Qα	ESTADISTICO	70
HORMIGON	ENCEPADOS	HA-30/B/20/IIα	ESTADISTICO	35
ACERO	ARMADURA PASIVA	B 500 S	NORMAL	
EJECUCION	TODOS LOS ELEMENTOS INDICADOS		INTENSO	

HA-285040	SOLAPO (s)						ANLAJE (s)					
	Lsl			Lsl			Lbl			Lbil		
ø	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40
6	30	30	30	43	43	43	15	15	15	21	21	21
8	40	40	40	57	57	57	20	20	20	29	29	29
10	50	50	50	71	71	71	25	25	25	36	36	36
12	60	60	60	86	86	86	30	30	30	43	43	43
16	80	80	80	114	114	114	40	40	40	57	57	57
20	120	104	100	168	146	142	60	52	50	84	73	71
25	188	163	138	263	228	192	92	51	69	131	114	96
32	307	266	226	430	373	316	154	133	113	215	186	158

ENCEPADO TIPO 1

ENCEPADO TIPO 2



TENSIÓN MÁXIMA SERVICIO: 5.06 MPa
TOPE ESTRUCTURAL SERVICIO: 6.00 MPa
TENSIÓN MÁXIMA IMPACTO: 6.10 MPa
TOPE ESTRUCTURAL IMPACTO: 7.10 MPa

COTAS ENCEPADOS			
ENCEPADOS	Z1	Z2	Zpilote
K18	14.168	12.668	-2.082
K19	14.174	12.674	-2.076
K20	14.180	12.680	-2.070
K21	14.185	12.685	-2.065
K22	14.191	12.691	-2.059
K23	14.196	12.696	-2.054
K24	14.202	12.702	-2.048
K25	14.208	12.708	-2.042

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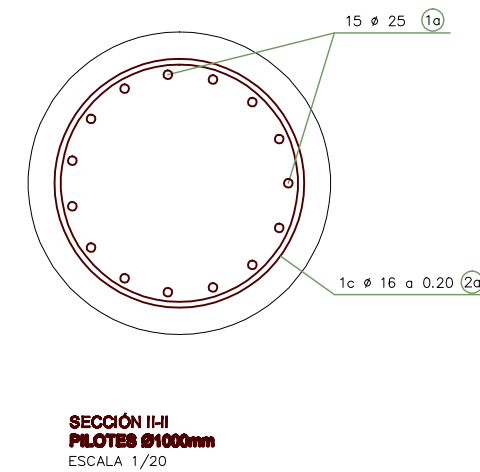
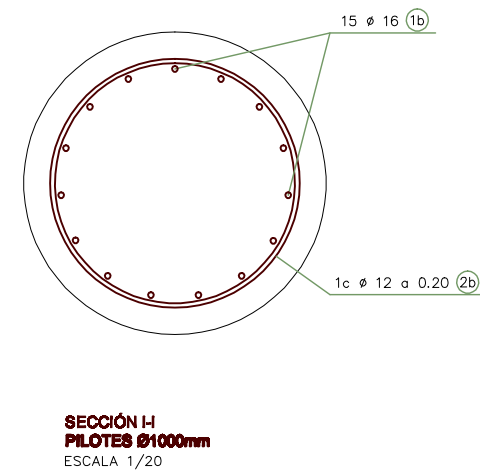
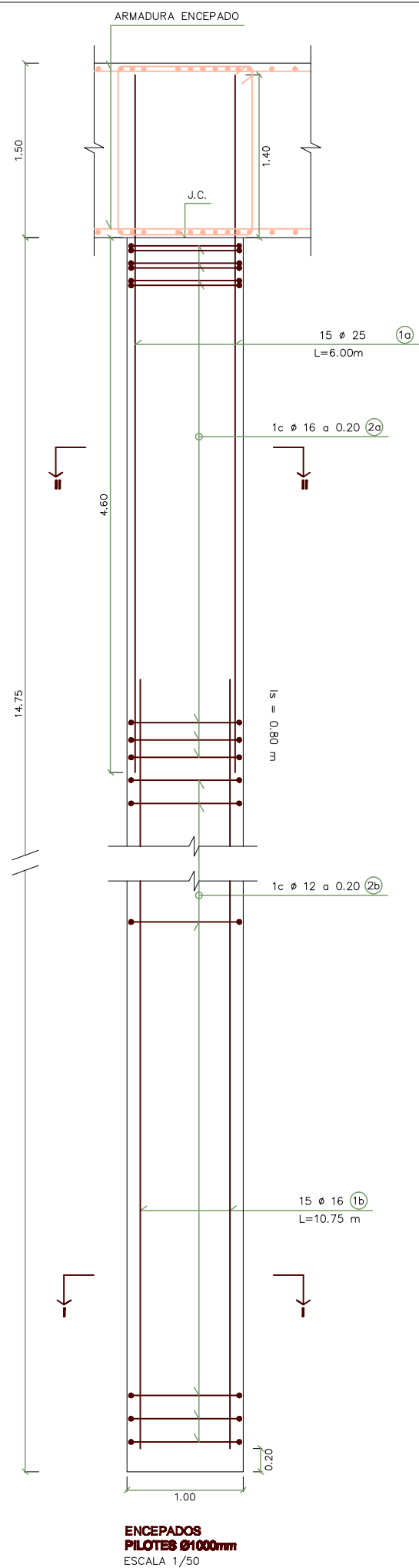


TABLA DE LONG. DE ANCLAJE Y SOLAPO												
HA-25/30/40	SOLAPO (Ls) (cm)						ANCLAJE (Ls) (cm)					
	Lsl			Lsll			Lbl			Lbll		
Ø	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40	HA 25	HA 30	HA 40
6	30	30	30	43	43	43	15	15	15	21	21	21
8	40	40	40	57	57	57	20	20	20	29	29	29
10	50	50	50	71	71	71	25	25	25	36	36	36
12	60	60	60	86	86	86	30	30	30	43	43	43
16	80	80	80	114	114	114	40	40	40	57	57	57
20	120	104	100	168	146	142	60	52	50	84	73	71
25	188	163	138	263	228	212	94	81	69	131	114	96
32	307	266	226	430	373	316	154	133	113	215	186	158

CONTROL DE CALIDAD				
MATERIAL	DEFINICION		NIVEL DE CONTROL	RECUBRIMIENTO ARMADURAS (mm.)
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HORMIGON	ENCEPADOS	HA-30/B/20/IIa	ESTADISTICO	35
ACERO	ARMADURA PASIVA	B 500 S	NORMAL	
EJECUCION	TODOS LOS ELEMENTOS INDICADOS		INTENSO	

