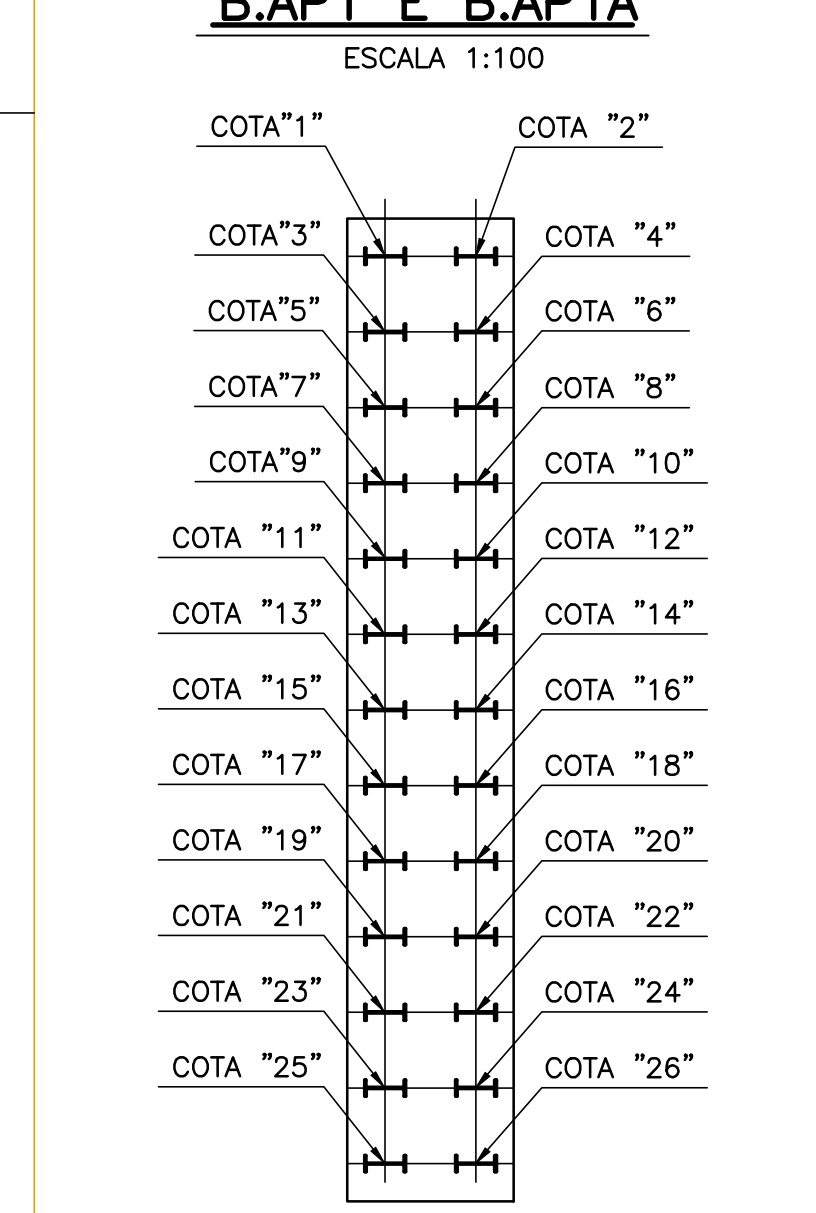
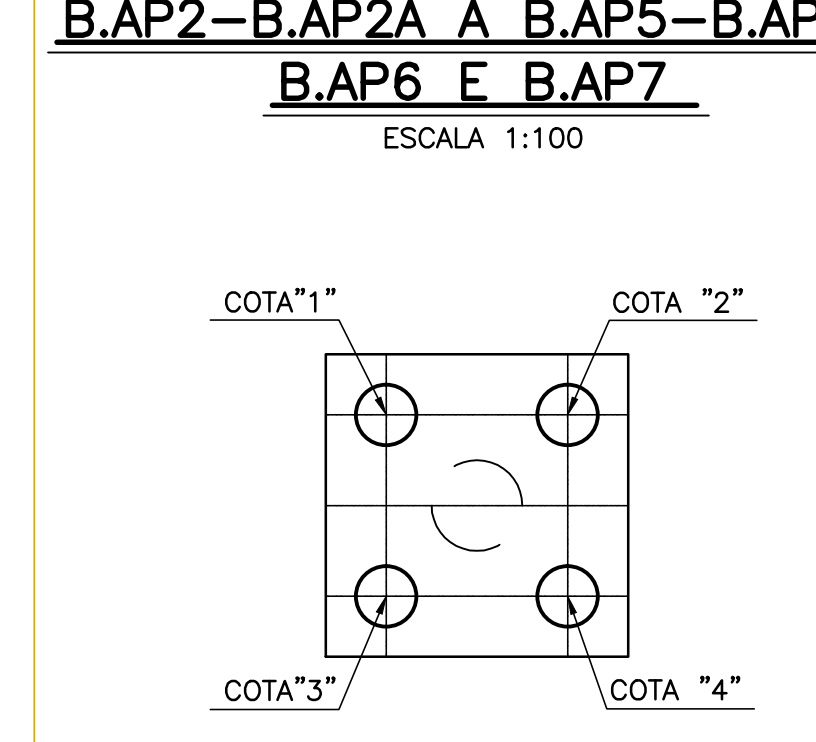


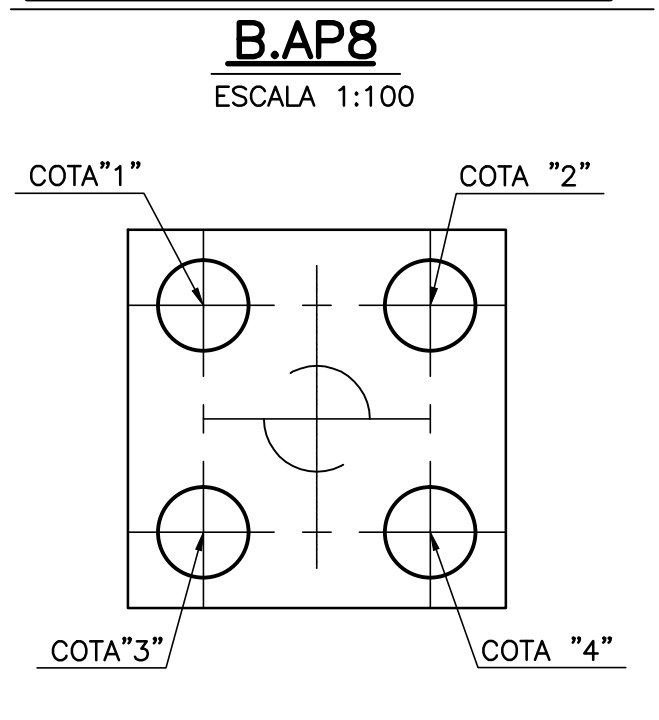
**ESTACAS DOS ENCONTROS**  
B.AP1 E B.AP1A  
ESCALA 1:100



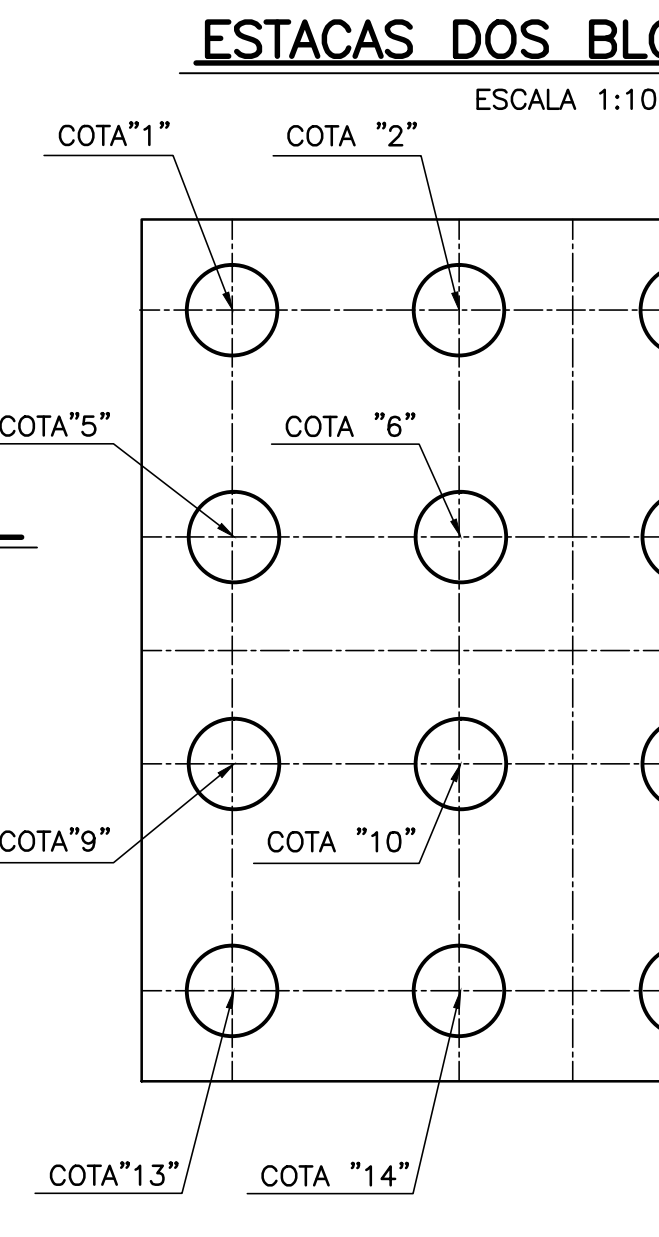
**ESTACAS DOS BLOCOS**  
B.AP2-B.AP2A A B.AP5-B.AP5A  
B.AP6 E B.AP7  
ESCALA 1:100



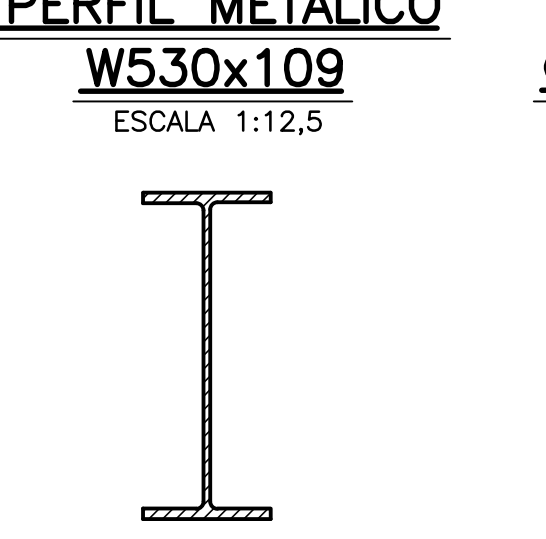
**ESTACAS DOS BLOCOS**  
B.AP8  
ESCALA 1:100



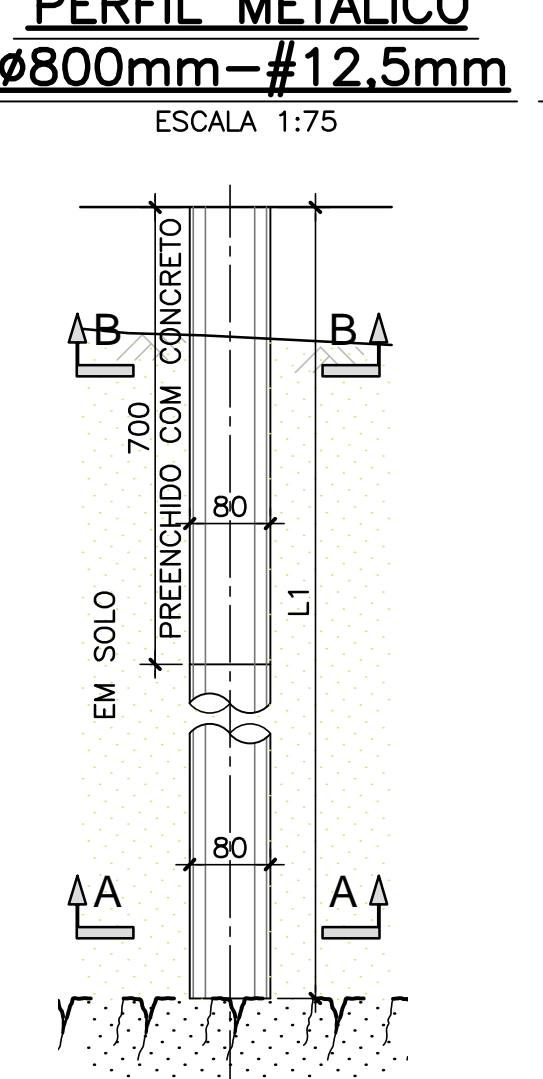
**ESTACAS DOS BLOCOS B.AP9**  
ESCALA 1:100



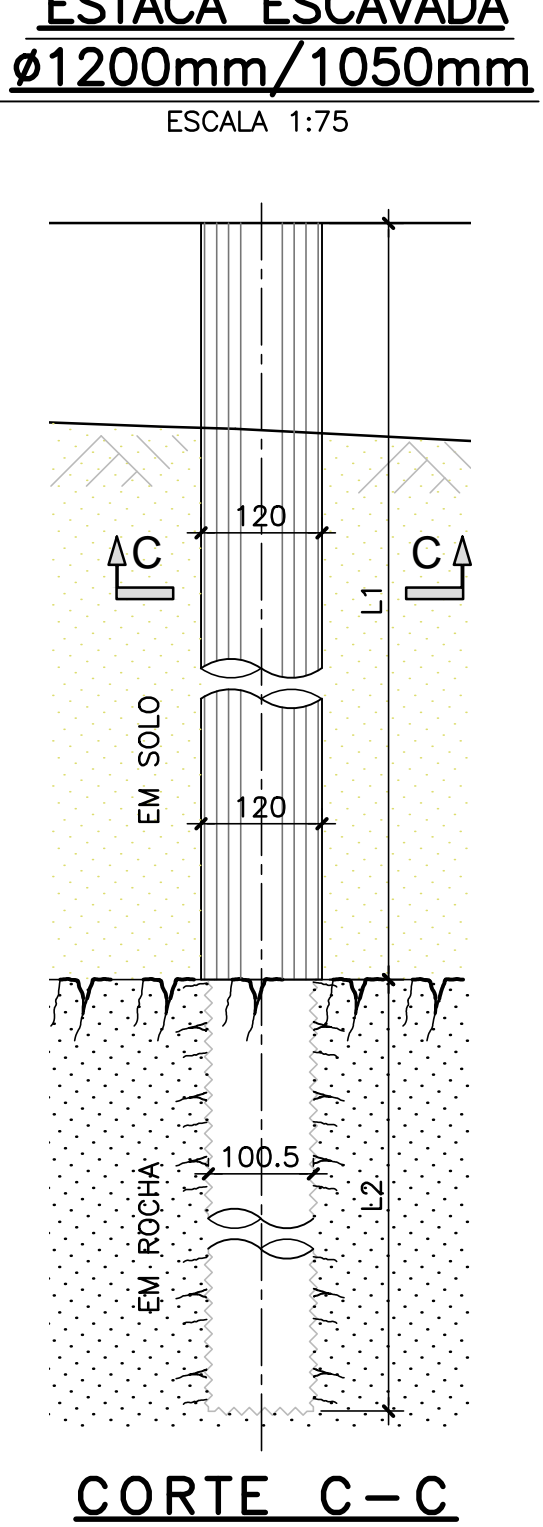
**DETALHE**  
PERFIL METÁLICO  
W530x109  
ESCALA 1:12,5



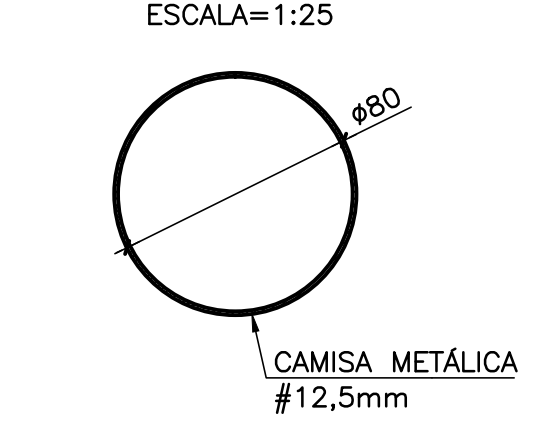
**DETALHE**  
PERFIL METÁLICO  
ø800mm-#12,5mm  
ESCALA 1:75



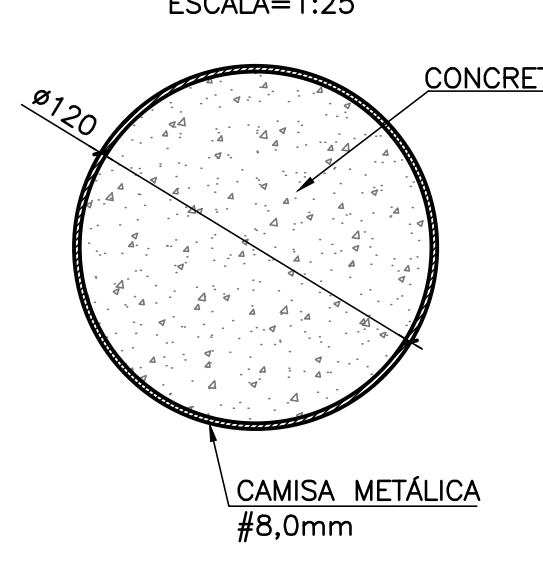
**DETALHE**  
ESTACA ESCAVADA  
ø1200mm/1050mm  
ESCALA 1:75



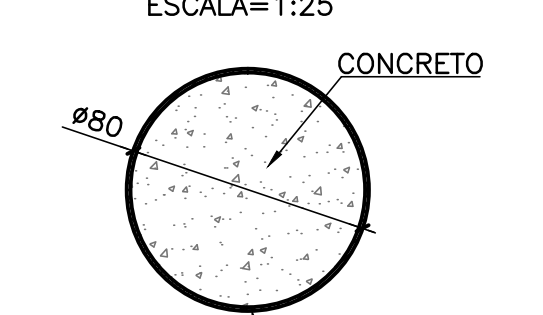
**CORTE A-A**  
ESCALA=1:25



**CORTE C-C**  
ESCALA=1:25



**CORTE B-B**  
ESCALA=1:25



TABELAS DE COORDENADAS RAMO 1000		
<b>BLOCO B.AP01</b>		
COTA	NORTE	ESTE
1	7088519.596	718675.309
2	7088518.521	718675.841
3	7088519.153	718674.413
4	7088518.077	718674.945
5	7088518.709	718673.516
6	7088517.633	718674.049
7	7088518.265	718672.62
8	7088517.19	718673.153
9	7088517.821	718671.724
10	7088516.746	718672.257
11	7088517.378	718670.828
12	7088516.302	718671.36
13	7088516.934	718669.932
14	7088515.858	718670.464
15	7088516.49	718669.036
16	7088515.415	718669.568
17	7088516.046	718668.14
18	7088514.971	718668.672
19	7088515.603	718667.243
20	7088514.527	718667.776
21	7088515.159	718666.347
22	7088514.083	718666.88
23	7088514.715	718665.451
24	7088513.64	718665.984
25	7088514.271	718664.555
26	7088513.196	718665.087
<b>BLOCOS B.AP02.1</b>		
COTA	NORTE	ESTE
1	7088484.457	718690.992
2	7088482.306	718692.057
3	7088483.392	718688.841
4	7088481.241	718689.906
<b>BLOCOS B.AP02.2</b>		
COTA	NORTE	ESTE
1	7088480.907	718683.822
2	7088478.756	718684.887
3	7088479.842	718681.672
4	7088477.691	718682.736
<b>BLOCOS B.AP03.1</b>		
COTA	NORTE	ESTE
1	7088448.378	718709.273
2	7088446.228	718709.338
3	7088447.314	718706.122
4	7088445.163	718707.187
<b>BLOCOS B.AP03.2</b>		
COTA	NORTE	ESTE
1	7088444.829	718701.103
2	7088442.678	718702.168
3	7088443.764	718698.953
4	7088441.613	718700.017
<b>BLOCOS B.AP04.1</b>		
COTA	NORTE	ESTE
1	7088408.05	718729.239
2	7088405.899	718729.304
3	7088406.985	718726.088
4	7088404.835	718727.153
<b>BLOCOS B.AP04.2</b>		
COTA	NORTE	ESTE
1	7088404.501	718721.069
2	7088402.35	718722.134
3	7088403.436	718718.918
4	7088401.285	718719.983
<b>BLOCOS B.AP05.1</b>		
COTA	NORTE	ESTE
1	7088387.438	718738.444
2	7088385.287	718739.508
3	7088386.373	718736.293
4	7088384.222	718737.358
<b>BLOCOS B.AP05.2</b>		
COTA	NORTE	ESTE
1	7088383.889	718731.274
2	7088381.738	718732.339
3	7088382.824	718729.123
4	7088380.673	718730.188
<b>BLOCOS B.AP06.1</b>		
COTA	NORTE	ESTE
1	7088351.591	718756.191
2	7088349.44	718757.256
3	7088350.526	718754.04
4	7088346.375	718755.105
<b>BLOCOS B.AP06.2</b>		
COTA	NORTE	ESTE
1	7088348.041	718749.021
2	7088345.89	718750.086
3	7088346.976	718747.787
4	7088344.826	718747.935
<b>BLOCOS B.AP07.1</b>		
COTA	NORTE	ESTE
1	7088315.743	718773.938
2	7088313.593	718775.003
3	7088314.679	718771.787
4	7088312.528	718772.852
<b>BLOCOS B.AP07.2</b>		
COTA	NORTE	ESTE
1	7088312.194	718766.769
2	7088310.043	718767.834
3	7088311.129	718764.618
4	7088308.978	718765.683
<b>BLOCOS B.AP08.1</b>		
COTA	NORTE	ESTE
1	7088499.641	718635.031
2	7088499.028	718636.062
3	7088498.781	718634.52
4	7088498.168	718635.551
<b>BLOCOS B.AP08.2</b>		
COTA	NORTE	ESTE
1	7088497.922	718634.009
2	7088497.062	718633.498
3	7088496.449	718634.529
4	7088496.202	718632.987
5	7088495.589	718634.019
6	7088495.343	718632.476
7	7088494.729	718633.508
8	7088494.483	718631.965
9	7088493.87	718632.997
10	7088493.623	718631.454
11	7088493.01	718632.486
12	7088492.764	718630.943
13	7088492.151	718631.975
14	7088491.904	718630.433
15	7088491.291	718631.464
16	7088491.044	718629.922
17	7088490.431	718630.953
18	7088490.185	718629.411
19	7088489.572	718630.442
20	7088489.325	718628.9
21	7088488.712	718629.931
<b>BLOCOS B.AP09.1</b>		
COTA	NORTE	ESTE
1	7088277.241	718784.408
2	7088274.553	718785.739
3	7088275.91	718781.719
4	7088273.222	718783.05
<b>BLOCOS B.AP09.2</b>		
COTA	NORTE	ESTE
1	7088277.241	718784.408
2	7088274.553	718785.739
3	7088275.91	718781.719
4	7088273.222	718783.05

TABELAS DE COORDENADAS RAMO 2000		
<b>BLOCO B.AP01A</b>		
COTA	NORTE	ESTE
1	7088499.641	718635.031
2	7088499.028	718636.062
3	7088498.781	718634.52
4	7088498.168	718635.551
5	7088497.922	718634.009
6	7088497.062	718633.498
7	7088496.449	718634.529
8	7088496.202	718632.987
9	7088495.589	718634.019
10	7088495.343	718632.476
11	7088494.729	718633.508
12	7088494.483	718631.965
13	7088493.87	718632.997
14	7088493.623	718631.454
15	7088493.01	718632.486
16	7088492.764	718630.943
17	7088492.151	718631.975
18	7088491.904	718630.433
19	7088491.291	718631.464
20	7088491.044	718629.922
21	7088490.431	718630.953
22	7088490.185	718629.411
23	7088489.572	718630.442
24	7088489.325	718628.9
25	7088488.712	718629.931
<b>BLOCOS B.AP02A.1</b>		
COTA	NORTE	ESTE
1	7088487.993	718653.06
2	7088486.767	718655.123
3	7088485.93	718651.834
4	7088484.704	718653.897
<b>BLOCOS B.AP02A.2</b>		
COTA	NORTE	ESTE
1	7088481.116	718648.973
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP03A.1</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP03A.2</b>		
COTA	NORTE	ESTE
1	7088345.61	718744.11
2	7088343.459	718745.175
3	7088344.545	718741.96
4	7088342.394	718743.024
<b>BLOCOS B.AP04A.1</b>		
COTA	NORTE	ESTE
1	7088451.154	718691.341
2	7088449.003	718692.406
3	7088450.089	718689.19
4	7088449.939	718690.255
<b>BLOCOS B.AP04A.2</b>		
COTA	NORTE	ESTE
1	7088447.605	718684.172
2	7088445.454	718685.237
3	7088446.54	718682.021
4	7088444.389	718683.086
<b>BLOCOS B.AP05A.1</b>		
COTA	NORTE	ESTE
1	7088411.031	718711.721
2	7088408.88	718712.786
3	7088409.966	718709.571
4	7088407.815	718710.635
<b>BLOCOS B.AP05A.2</b>		
COTA	NORTE	ESTE
1	7088407.482	718704.552
2	7088405.331	718705.617
3	7088406.417	718702.401
4	7088404.266	718703.466
<b>BLOCOS B.AP06A.1</b>		
COTA	NORTE	ESTE
1	7088381.457	718726.363
2	7088379.306	718727.428
3	7088380.392	718724.212
4	7088378.241	718725.277
<b>BLOCOS B.AP06A.2</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP07A.1</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP07A.2</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP08A.1</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP08A.2</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP09A.1</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108
<b>BLOCOS B.AP09A.2</b>		
COTA	NORTE	ESTE
1	7088377.908	718719.194
2	7088375.757	718720.258
3	7088376.843	718717.043
4	7088374.692	718718.108

DOCUMENTOS DE REFERÊNCIA

NOTAS GERAIS

NOTAS :  
1\_ DIMENSÕES EM CENTÍMETROS EXCETO ONDE INDICADO;  
2\_ VER NOTAS GERAIS NO DESENHO I-OAESV-X-R0/16-70-IV;

RAMO 1000

APOIO	TIPO ESTACA	COMP.(L)	ROCHA(L2)	Nmδx(kN)
AP01	PERFIL W530x109	15,0m	—	480,0
AP02	TUBULAR ø800mm-#12,5mm	15,0m	—	2.550,0
AP03	TUBULAR ø800mm-#12,5mm	18,0m	—	2.760,0
AP04	TUBULAR ø800mm-#12,5mm	17,0m	—	2.160,0
AP05	TUBULAR ø800mm-#12,5mm	14,0m	—	2.365,0