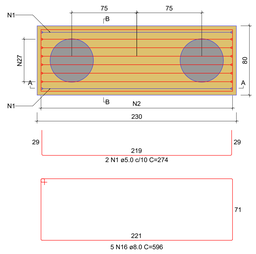
B11
2xC50

PLANTA
ESC 1:25



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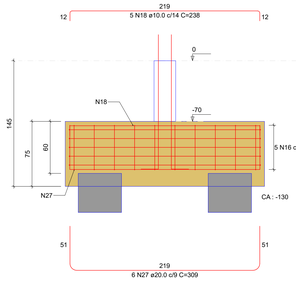
ESC 1:25



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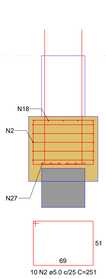
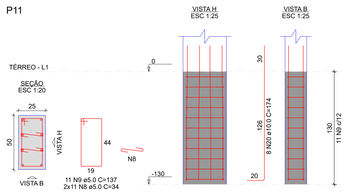
ESC 1:25

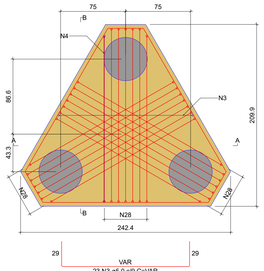


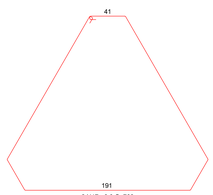
P11



B12
3xC50

PLANTA
ESC 1:25





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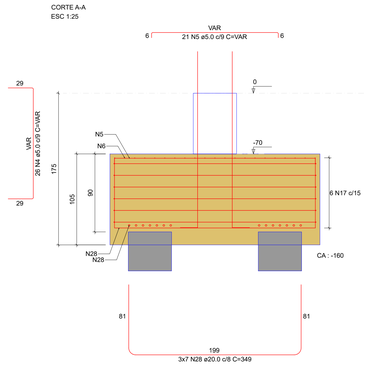
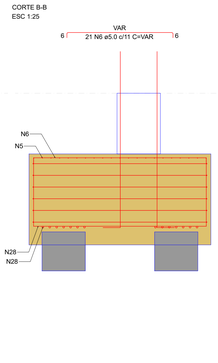
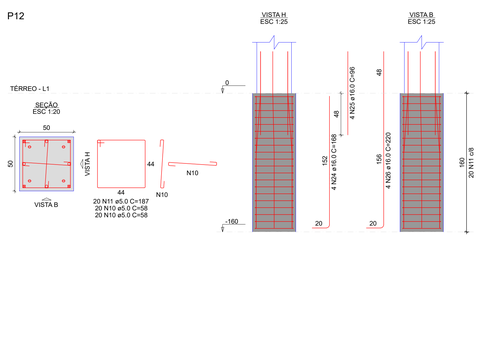
ESC 1:25



CORTE B-B
ESC 1:25

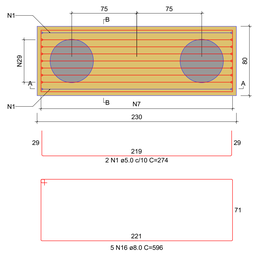


P12



B13
2xC50

PLANTA
ESC 1:25



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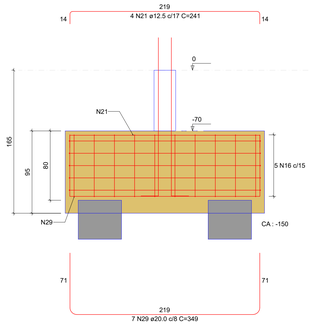
ESC 1:25



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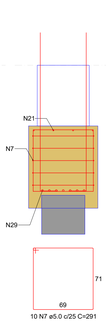
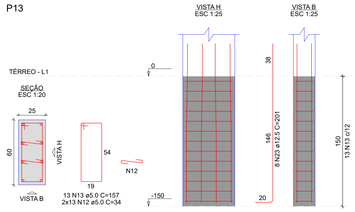
ESC 1:25

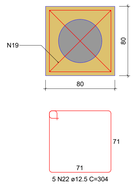


P13

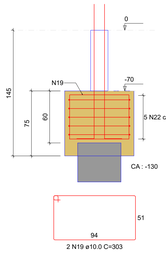


B14
1xC50

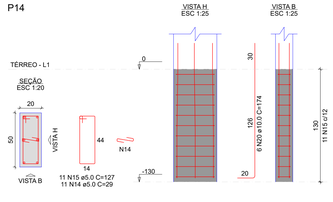
PLANTA
ESC 1:25



CORTE
ESC 1:25



P14



RELAÇÃO DO AÇO

B11
B14
B12
P11
B13
P12
P13
P14

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	274	1096
	2	5.0	10	251	2510
	3	5.0	23	VAR	VAR
	4	5.0	26	VAR	VAR
	5	5.0	21	VAR	VAR
	6	5.0	21	VAR	VAR
	7	5.0	10	291	2910
	8	5.0	22	34	748
	9	5.0	11	137	1507
	10	5.0	40	58	2320
	11	5.0	20	187	3740
	12	5.0	26	34	884
	13	5.0	13	157	2041
	14	5.0	11	29	319
	15	5.0	11	127	1397
CA50	16	8.0	10	596	5960
	17	8.0	6	709	4254
	18	10.0	5	238	1190
	19	10.0	3	303	909
	20	12.5	14	274	3836
	21	12.5	4	241	964
	22	12.5	5	304	1520
	23	12.5	9	201	1808
	24	16.0	4	168	672
	25	16.0	4	96	384
	26	16.0	4	220	880
	27	20.0	6	309	1854
	28	20.0	21	349	7329
	29	20.0	7	349	2443

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	8.0	102.1	9	40.3
	10.0	42.3	4	26.1
	12.5	40.9	4	39.4
	16.0	19.4	2	30.6
	20.0	116.3	10	286.7
CA60	5.0	349.1	30	53.8

PESO TOTAL (kg)	
CA50	423.1
CA60	53.8

Volume de concreto (C-35) = 7.30 m³
Área de forma = 25.19 m²

FERCON

PROPRIETÁRIO — CPF/CNPJ
MUNICÍPIO DE BALNEÁRIO CAMBORIÚ — 83.102.285/0001-07
PROCURADORIA GERAL DO MUNICÍPIO

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ENGENHEIRO CIVIL
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ENDEREÇO DA OBRA
R. DINAMARCA, 320 - NAÇÕES, BALNEÁRIO CAMBORIÚ - SC, 88338-900

CONTEÚDO
BLOCOS DE FUNDAÇÃO - 02

DISCIPLINA
ESTRUTURAL

PROJETADO POR
FERNANDO STROISCH

TIPO DO ALVARÁ (OBJETIVO)
CONSTRUÇÃO

ARQUIVO
ESTRUTURA UNIFICADA

FINALIDADE DO ALVARÁ (TIPO DA EDIFICAÇÃO)
EDIFICAÇÃO INSTITUCIONAL

ESCALA
INDICADA

FOLHA
04/43