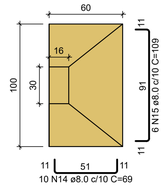
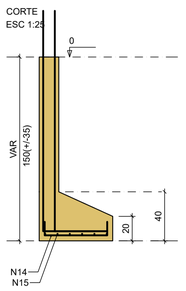
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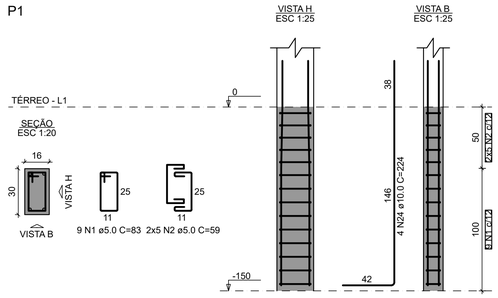
PLANTA
ESC 1:25



CORTE
ESC 1:25

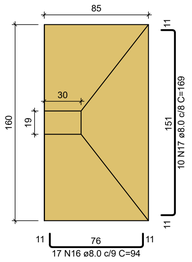


P1

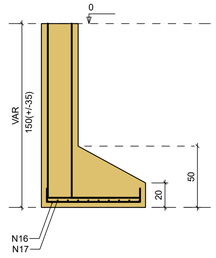


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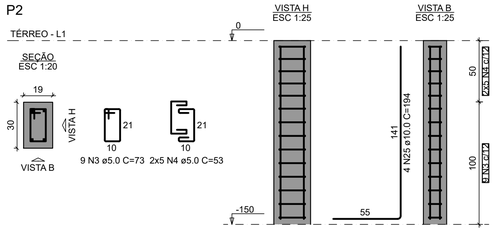
PLANTA
ESC 1:25



CORTE
ESC 1:25



P2



RELAÇÃO DO AÇO

P1	P2	P4
3xP7	P8	P9
P10	2xP17	P20
S1	S2	S4
S8	4xS9	S10
2xS17	S20	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	9	83	747
	2	5.0	10	59	590
	3	5.0	62	73	4526
	4	5.0	72	53	3816
	5	5.0	9	69	621
	6	5.0	10	53	530
	7	5.0	14	28	392
	8	5.0	9	99	891
	9	5.0	10	69	690
	10	5.0	8	93	744
	11	5.0	12	63	756
	12	5.0	10	95	950
	13	5.0	8	75	600
CA50	14	8.0	10	69	690
	15	8.0	48	109	5232
	16	8.0	17	94	1598
	17	8.0	10	169	1690
	18	8.0	40	79	3160
	19	8.0	24	124	2976
	20	8.0	22	74	1628
	21	8.0	12	139	1668
	22	8.0	18	99	1782
	23	8.0	11	179	1969
	24	10.0	4	224	896
	25	10.0	4	194	776
	26	10.0	4	159	636
	27	10.0	16	169	2704
	28	10.0	6	199	1194
	29	10.0	4	209	836
	30	10.0	8	174	1392
	31	10.0	8	193	1544
	32	10.0	16	128	2304
	33	10.0	11	223	2453
	34	12.5	2	198	396
	35	12.5	2	94	188
	36	12.5	2	250	500

RESUMO DO AÇO

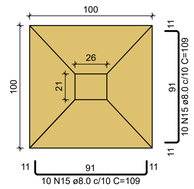
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	223.9	97.2
	10.0	147.3	99.9
	12.5	10.8	11.5
CA60	5.0	158.5	26.9

PESO TOTAL (kg)	
CA50	208.6
CA60	26.9

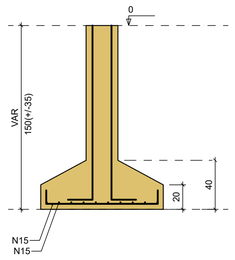
Volume de concreto (C-25) = 5.06 m³
Área de forma = 27.72 m²

S4

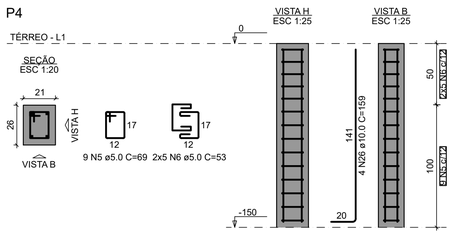
PLANTA
ESC 1:25



CORTE
ESC 1:25

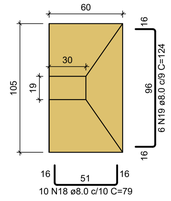


P4

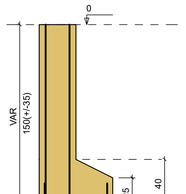


S7=S9=S11=S16

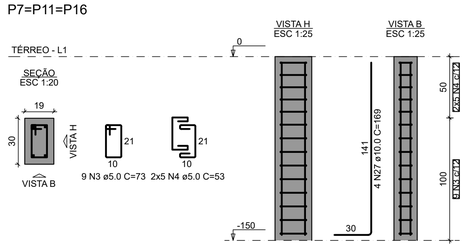
PLANTA
ESC 1:25



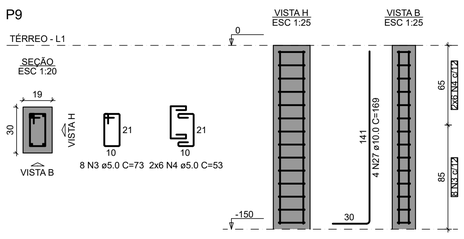
CORTE
ESC 1:25



P7=P11=P16

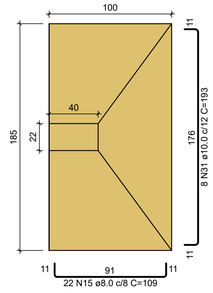


P9

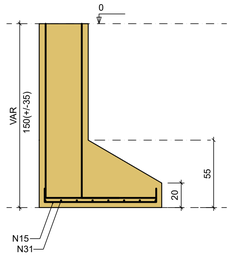


S8

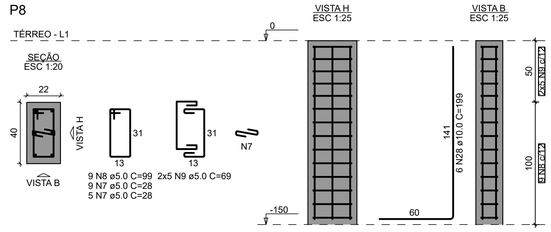
PLANTA
ESC 1:25



CORTE
ESC 1:25

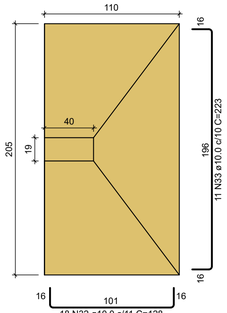


P8

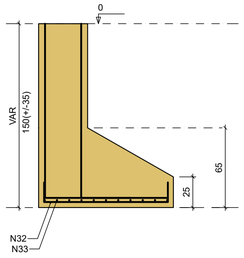


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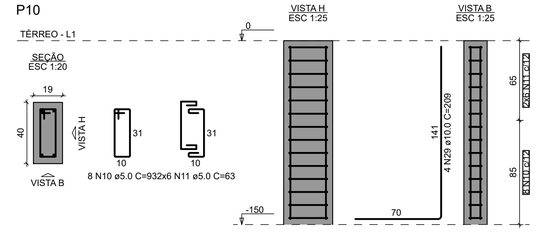
PLANTA
ESC 1:25



CORTE
ESC 1:25



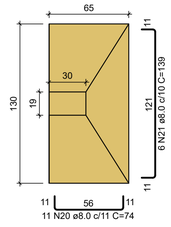
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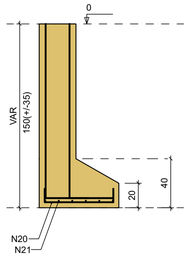
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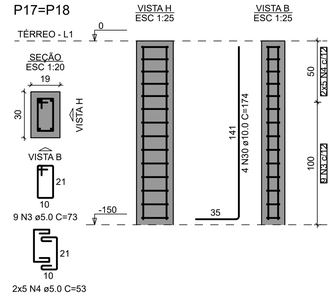
PLANTA
ESC 1:25



CORTE
ESC 1:25

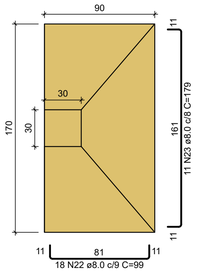


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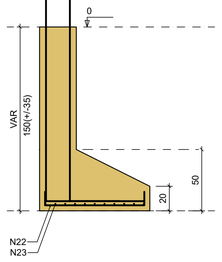


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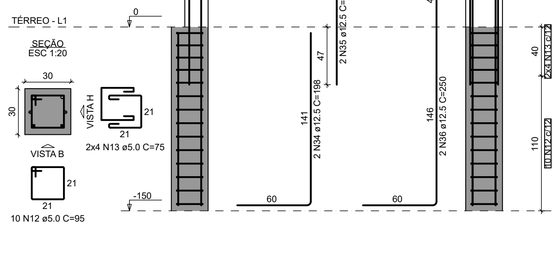
PLANTA
ESC 1:25



CORTE
ESC 1:25



P20



NOTAS

1. ESTE PROJETO É PROPRIEDADE DO MUNICÍPIO DE TUBARÃO. NÃO DEVE SER UTILIZADO PARA QUALQUER OUTRA FINALIDADE QUE NÃO SE RELACIONE COM A EXECUÇÃO DA PRESENTE EDIFICAÇÃO, SENDO TERMINANTEMENTE VEDADA SUA COLOCAÇÃO A DISPOSIÇÃO DE TERCEIROS.
2. O PROJETISTA NÃO SE RESPONSABILIZARÁ POR EVENTUAIS ALTERAÇÕES DESTE PROJETO DURANTE SUA EXECUÇÃO. QUALQUER MODIFICAÇÃO, O MESMO DEVE SER CONTACTADO.
3. ESTE PROJETO FOI DESENVOLVIDO COM BASE NAS INFORMAÇÕES DISPONÍVEIS NO PROJETO ARQUITETÔNICO E/OU EM DOCUMENTOS OFICIAIS CONSULTADOS.
4. QUALQUER MODIFICAÇÃO OU DÚVIDA DEVERÁ SER IMEDIATAMENTE COMUNICADA POR ESCRITO AO PROJETISTA.

Município de Tubarão

Secretaria de Planejamento e Urbanismo

REFORMA PAÇO MUNICIPAL - PREFEITURA DE TUBARÃO

PROJETO ESTRUTURAL

ENDEREÇO:
Rua Felipe Schmidt, 108 - Centro, Tubarão-SC

CONTEÚDO:
DETALHAMENTO DAS SAPATAS

MATRÍCULA IMOBILIÁRIA: 31.856
ÁREA DA MATRÍCULA: 12.743,23m²
ÁREA DO IMÓVEL: 512,76m²

RESP. TÉCNICO:
RICHARD RODRIGUES ALEXANDRE:88945367934
Assinado de forma digital por RICHARD RODRIGUES ALEXANDRE:88945367934
Dados: 2025.09.09 17:13:37 -03'00'
Richard Rodrigues Alexandre
Engenheiro Civil - CREA/SC nº 044.062-2

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02
05