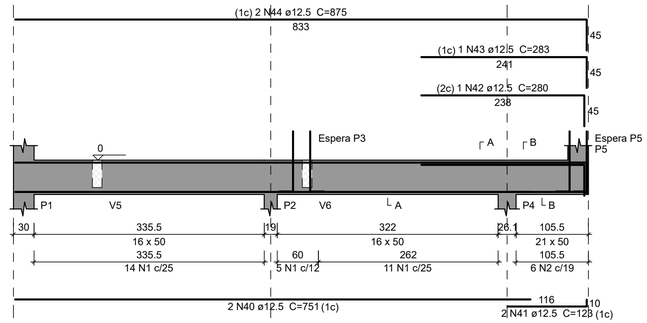
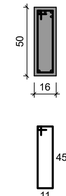
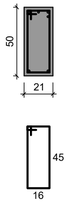
V1
ESC 1:50



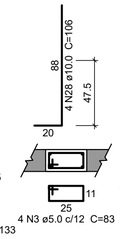
SEÇÃO A-A
ESC 1:25



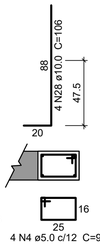
SEÇÃO B-B
ESC 1:25



ESPERA P3
ESC 1:25

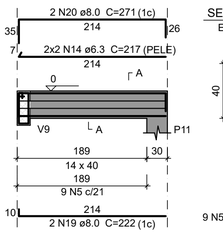


ESPERA P5
ESC 1:25

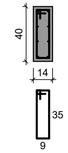


30 N1 ø5.0 C=123 6 N2 ø5.0 C=133

V2
ESC 1:50



SEÇÃO A-A
ESC 1:25



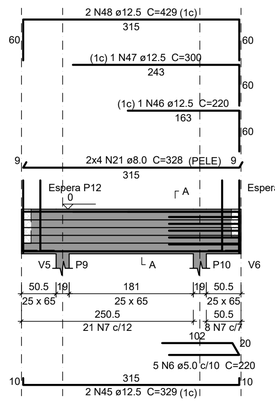
9 N5 ø5.0 C=99

SUSPENSÃO V9
ESC 1:25



1 N29 ø10.0 C=131

V3
ESC 1:50

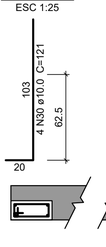


SEÇÃO A-A
ESC 1:25



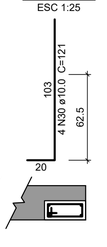
29 N7 ø5.0 C=171

ESPERA P12
ESC 1:25



6 N8 ø5.0 c/12 C=79

ESPERA P13
ESC 1:25



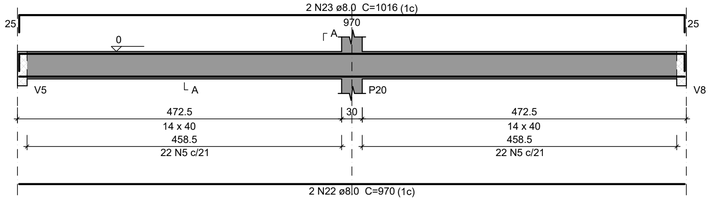
6 N8 ø5.0 c/12 C=79

Relação do aço

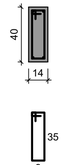
V1 V2 V3
V4 V5 V6
V7 V8 V9

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	30	123	3690
	2	5.0	6	133	798
	3	5.0	8	83	664
	4	5.0	4	93	372
	5	5.0	72	99	7128
	6	5.0	5	220	1100
	7	5.0	29	171	4959
	8	5.0	20	79	1580
	9	5.0	8	209	1672
	10	5.0	53	119	6307
	11	5.0	4	26	104
	12	5.0	14	129	1806
	13	5.0	4	89	356
CA50	14	6.3	4	217	868
	15	6.3	12	68	816
	16	6.3	8	100	800
	17	6.3	6	211	1266
	18	6.3	51	130	6630
	19	8.0	2	222	444
	20	8.0	2	271	542
	21	8.0	8	328	2624
	22	8.0	2	970	1940
	23	8.0	2	1016	2032
	24	8.0	1	191	191
	25	8.0	2	240	480
	26	8.0	2	293	586
	27	8.0	4	413	1652
	28	10.0	14	106	1484
	29	10.0	1	131	131
	30	10.0	8	121	968
	31	10.0	2	453	906
	32	10.0	2	265	530
	33	10.0	2	213	426
	34	10.0	2	725	1450
	35	10.0	1	138	138
	36	10.0	2	297	594
	37	10.0	2	362	724
	38	10.0	2	383	766
	39	10.0	2	453	906
	40	12.5	2	751	1502
	41	12.5	2	123	246
	42	12.5	1	280	280
	43	12.5	1	283	283
	44	12.5	2	875	1750
	45	12.5	2	329	658
	46	12.5	1	220	220
	47	12.5	1	300	300
	48	12.5	2	429	858
	49	12.5	14	114	1596
	50	12.5	1	93	93
	51	12.5	2	414	828
	52	12.5	1	221	221
	53	12.5	3	484	1452

V4
ESC 1:50

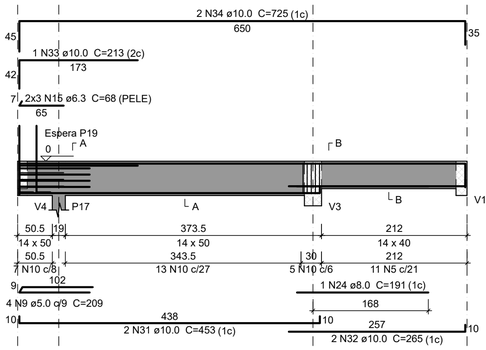


SEÇÃO A-A
ESC 1:25

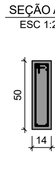


44 N5 ø5.0 C=99

V5
ESC 1:50

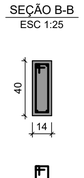


SEÇÃO A-A
ESC 1:25



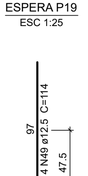
25 N10 ø5.0 C=119

SEÇÃO B-B
ESC 1:25



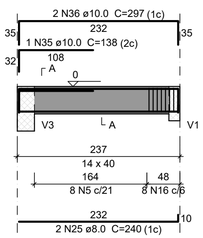
11 N5 ø5.0 C=99

ESPERA P19
ESC 1:25

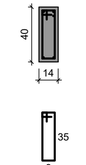


4 N8 ø5.0 c/14 C=79

V6
ESC 1:50



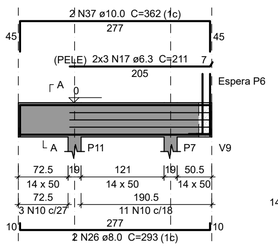
SEÇÃO A-A
ESC 1:25



8 N16 ø6.3 C=100
8 N5 ø5.0 C=99

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Verifique em https://validar.iti.gov.br

V7
ESC 1:50

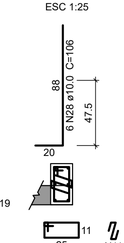


SEÇÃO A-A
ESC 1:25



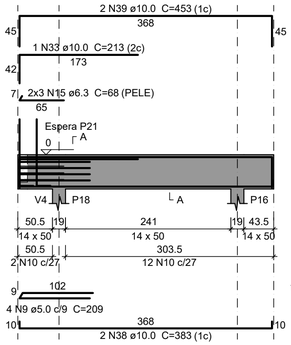
14 N10 ø5.0 C=119

ESPERA P6
ESC 1:25

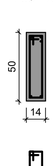


4 N3 ø5.0 c/12 C=83
4 N11 ø5.0 C=26

V8
ESC 1:50

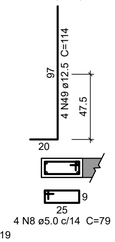


SEÇÃO A-A
ESC 1:25



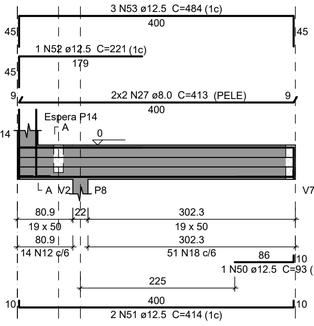
14 N10 ø5.0 C=119

ESPERA P21
ESC 1:25

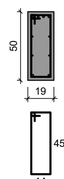


4 N8 ø5.0 c/14 C=79

V9
ESC 1:50

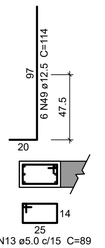


SEÇÃO A-A
ESC 1:25



14 N12 ø5.0 C=129
51 N18 ø6.3 C=130

ESPERA P14
ESC 1:25



4 N13 ø5.0 c/15 C=89

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	103.8	27.9
	8.0	105	45.5
	10.0	90.3	61.2
	12.5	102.9	109
CA60	5.0	305.4	51.8

PESO TOTAL (kg)	
CA50	243.7
CA60	51.8

Volume de concreto (C-25) = 3.02 m³
Área de forma = 43.61 m²

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 VIGAS DO TÉRREO

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 17:14:18 -03'00'
Richard Rodrigues Alexandre
Engenheiro Civil - CREA/SC nº 044.062-2

ESCALA:	DATA:	ARQUIVO:
1/50	05/2025	Elétrico Gabinete do Prefeito.dwg

03
05