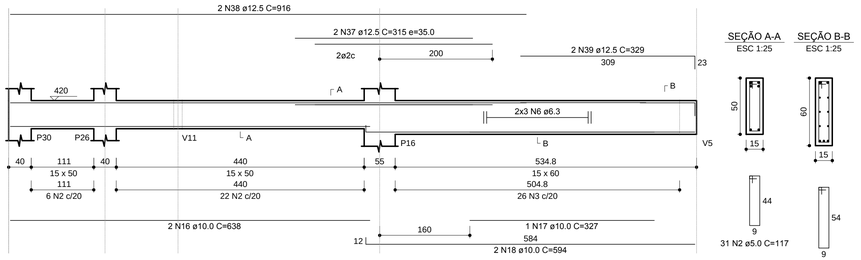
VIGAS SUPERIOR 01 - 03/03 (Nv. Ref. +4.20)

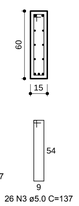
ESCALA 1:50

V22
ESC 1:50

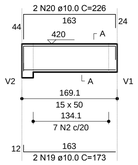


SEÇÃO A-A
ESC 1:25

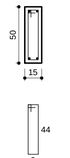
SEÇÃO B-B
ESC 1:25



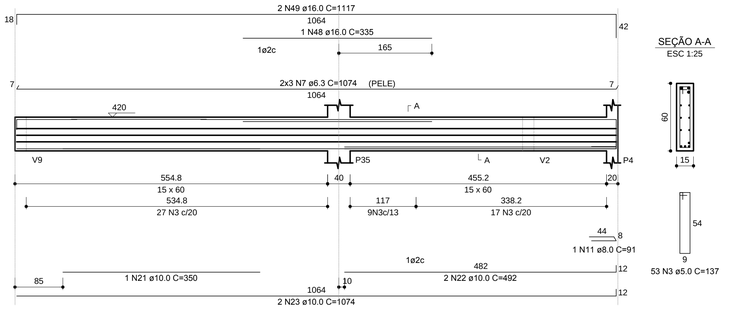
V23
ESC 1:50



SEÇÃO A-A
ESC 1:25



V24
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V19	V22	V23
V24	V25	V26
V27	V28	V29
V30		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	28	147	4116
	2	5.0	216	117	25272
	3	5.0	186	137	25482
	4	5.0	8	352	2816
CA50	5	6.3	8	510	4080
	6	6.3	12	corr	7008
	7	6.3	6	1074	6444
	8	6.3	6	corr	3504
	9	6.3	6	1067	6402
	10	8.0	2	102	204
	11	8.0	1	91	91
	12	8.0	1	131	131
	13	8.0	1	119	119
	14	8.0	2	81	162
	15	10.0	3	549	1647
	16	10.0	2	688	1376
	17	10.0	1	327	327
	18	10.0	4	594	2376
	19	10.0	2	173	346
	20	10.0	2	226	452
	21	10.0	2	350	700
	22	10.0	3	492	1476
	23	10.0	4	1074	4296
	24	10.0	2	467	934
	25	10.0	1	332	332
	26	10.0	2	594	1188
	27	10.0	2	477	954
	28	10.0	1	372	372
	29	10.0	1	313	313
	30	10.0	2	834	1668
	31	10.0	2	1022	2044
	32	10.0	2	506	1012
	33	10.0	2	363	726
	34	10.0	2	399	798
	35	12.5	1	363	363
	36	12.5	2	516	1032
	37	12.5	2	315	630
	38	12.5	2	966	1932
	39	12.5	2	329	658
	40	12.5	1	152	152
	41	12.5	2	305	610
	42	12.5	2	1064	2128
	43	12.5	2	881	1762
	44	12.5	1	295	295
	45	12.5	1	250	250
	46	12.5	2	1200	2400
	47	12.5	2	419	838
	48	16.0	1	335	335
	49	16.0	2	1117	2234
	50	16.0	1	706	706
	51	16.0	2	1093	2186
	52	16.0	2	360	720
	53	16.0	2	1073	2146

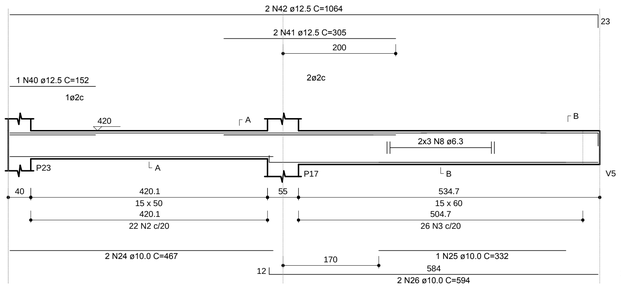
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	274.4	73.9
	8.0	7.1	3.1
	10.0	233.4	158.3
	12.5	130.5	138.3
	16.0	83.3	144.6
CA60	5.0	576.9	97.8

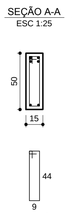
PESO TOTAL (kg)	
CA50	518.1
CA60	97.8

Volume de concreto (C-30) = 7.48 m³
Área de forma = 111.28 m²

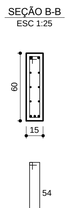
V25
ESC 1:50



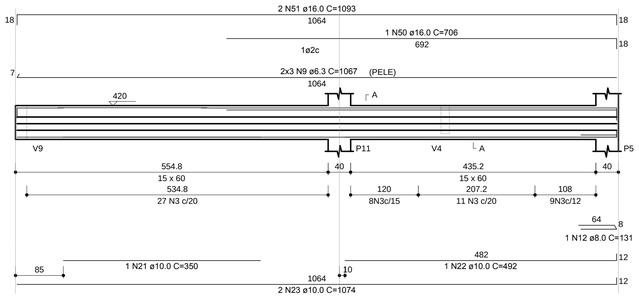
SEÇÃO A-A
ESC 1:25



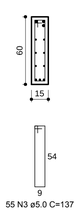
SEÇÃO B-B
ESC 1:25



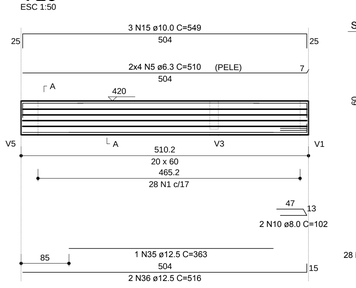
V26
ESC 1:50



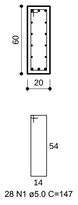
SEÇÃO A-A
ESC 1:25



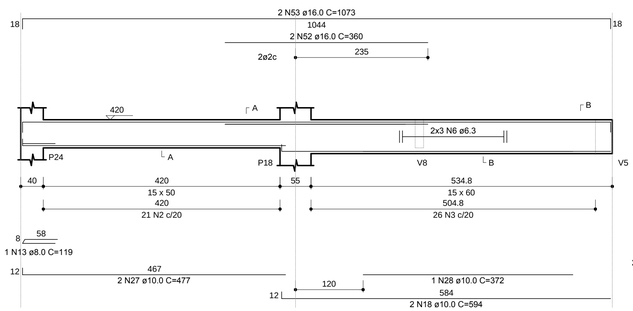
V19
ESC 1:50



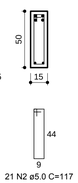
SEÇÃO A-A
ESC 1:25



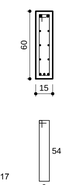
V27
ESC 1:50



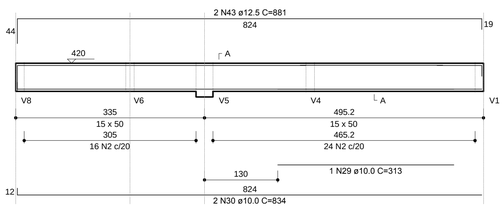
SEÇÃO A-A
ESC 1:25



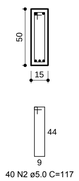
SEÇÃO B-B
ESC 1:25



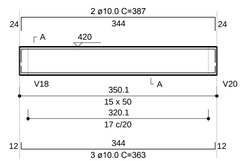
V28
ESC 1:50



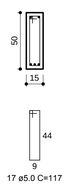
SEÇÃO A-A
ESC 1:25



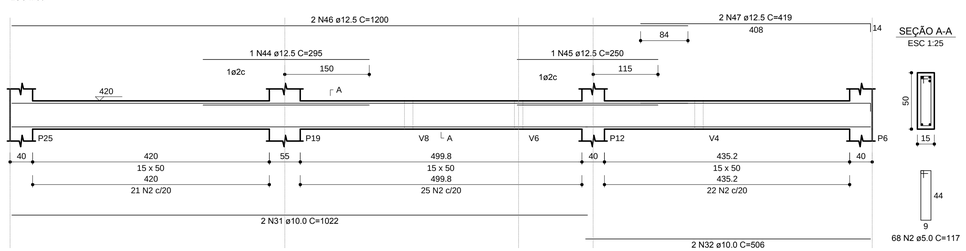
V31
ESC 1:50



SEÇÃO A-A
ESC 1:25

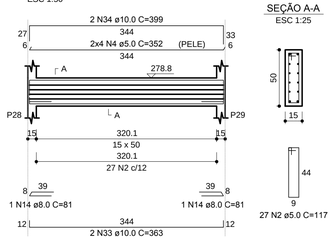


V29
ESC 1:50



SEÇÃO A-A
ESC 1:25

V30
ESC 1:50



SEÇÃO A-A
ESC 1:25

RESPONSÁVEL TÉCNICO	PROPRIETÁRIO

DATA	REVISÃO	DISCRIMINAÇÃO
05/2018	REV002	RECUO DA RAMPA E TORRE DA ESCADA / ELEVADOR
05/2018	REV001	ALTERAÇÃO FUNDAÇÃO / ESTACAS
05/2018	REV000	PARTIDO INICIAL

PROPRIETÁRIO
INTERBLU

OBRA/LOCAL
RUA 2300
CENTRO
BALNEÁRIO CAMBORIU - SC

TÍTULO
VIGAS SUPERIOR 01 - 03/03 (Nv. Ref. +4.20)

RESPONSÁVEL TÉCNICO
ANDRÉ VINÍCIUS PAVANELLO
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funcional ARQUITETURA
ASSESSORIA E DESENVOLVIMENTO DE SOLUÇÕES ARQUITETÔNICAS

OTTO Engenharia

PROJETO	EST
ESCALA	IND.
DATA	28/05/2018

EST 19/37

É mandatório o perfeito entendimento dos projetos antes de sua execução, em caso de dúvida consulte o autor.
DIREITOS AUTORAIS RESERVADOS - Decreto Federal nº23.569 de 11/12/33. - Lei Federal nº5.194 de 24/12/66. - Lei Federal nº5.988/73 e Lei Federal nº9.610/98.
(Regulamentam o Direito Autoral) - Resolução nº205 de 30/12/70 do CONFEA. (Ética Profissional) - Resolução nº218 de 29/06/73 do CONFEA (Atribuições Profissionais).

RECICLE