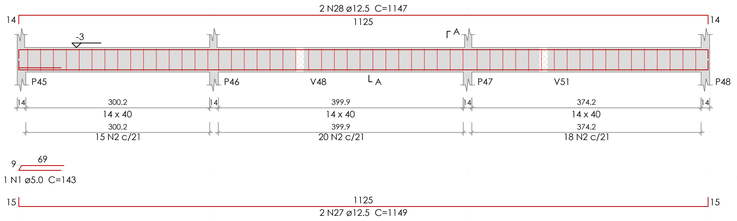
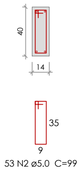
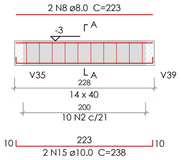
V21 (14 x 40)
ESC 1:50



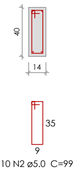
SEÇÃO A-A
ESC 1:25



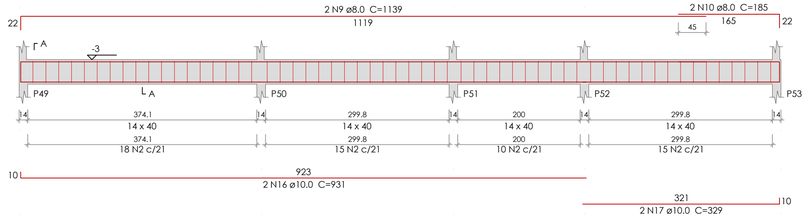
V22 (14 x 40)
ESC 1:50



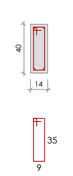
SEÇÃO A-A
ESC 1:25



V23 (14 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V21	V22	V23
V24	V25	V26
V27	V28	V29
V30	V31	V32
V33	V34	V35
V36	V37	V38
V39	V40	V41
V42		

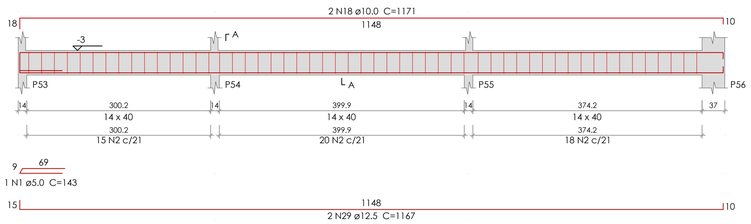
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	143	286
	2	5.0	525	99	51975
	3	5.0	7	89	623
	4	5.0	15	119	1785
	5	5.0	15	139	2085
CA50	6	6.3	4	435	1740
	7	6.3	6	439	2634
	8	8.0	2	223	446
	9	8.0	2	1139	2278
	10	8.0	2	185	370
	11	8.0	2	144	288
	12	8.0	2	224	448
	13	8.0	2	261	522
	14	8.0	2	849	1698
	15	10.0	2	238	476
	16	10.0	2	931	1862
	17	10.0	2	329	658
	18	10.0	2	1171	2342
	19	10.0	2	1172	2344
	20	10.0	2	1190	2380
	21	10.0	2	660	1320
	22	10.0	2	159	318
	23	10.0	2	239	478
	24	10.0	2	411	822
	25	10.0	2	276	552
	26	10.0	2	798	1596
	27	12.5	2	1149	2298
	28	12.5	2	1147	2294
	29	12.5	2	1167	2334
	30	12.5	2	663	1326
	31	12.5	1	307	307
	32	12.5	2	967	1934
	33	12.5	1	144	144
	34	12.5	2	991	1982
	35	12.5	2	449	898
	36	12.5	2	453	906
	37	12.5	4	402	1608
	38	12.5	4	446	1784
	39	12.5	1	175	175
	40	12.5	10	441	4410
	41	12.5	1	238	238
	42	12.5	2	802	1604
	43	12.5	1	210	210
	44	12.5	2	847	1694
	45	12.5	8	397	3176
	46	12.5	1	170	170
	47	12.5	4	453	1812
	48	12.5	2	401	802
	49	12.5	1	184	184
	50	12.5	2	449	898
	51	12.5	1	200	200

Resumo do aço

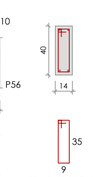
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	43.8	10.7
	8.0	60.5	23.9
	10.0	151.5	93.4
	12.5	333.9	321.6
CA60	5.0	567.6	87.5
PESO TOTAL (kg)			
CA50	449.6		
CA60	87.5		

Volume de concreto (C-30) = 6.59 m³
Área de forma = 85.42 m²

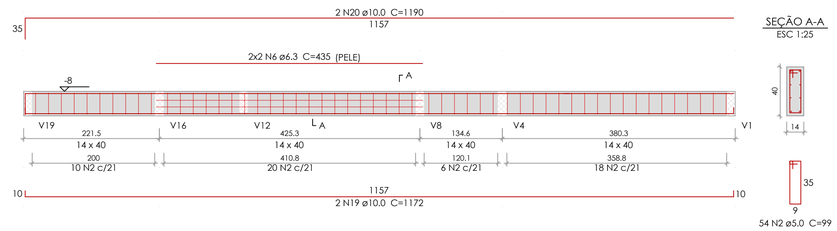
V24 (14 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

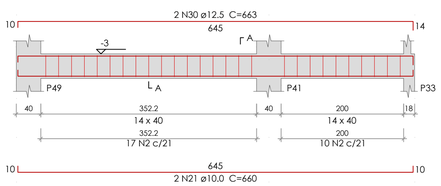


V25 (14 x 40)
ESC 1:50

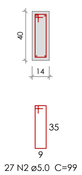


SEÇÃO A-A
ESC 1:25

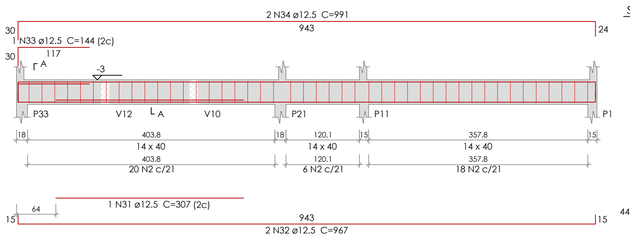
V26 (14 x 40)
ESC 1:50



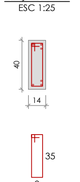
SEÇÃO A-A
ESC 1:25



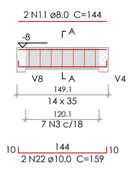
V27 (14 x 40)
ESC 1:50



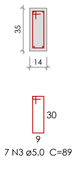
SEÇÃO A-A
ESC 1:25



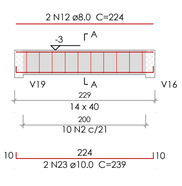
V28 (14 x 35)
ESC 1:50



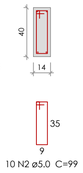
SEÇÃO A-A
ESC 1:25



V29 (14 x 40)
ESC 1:50

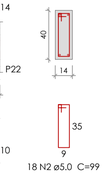


SEÇÃO A-A
ESC 1:25

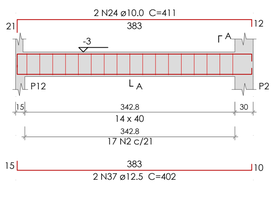


V30 (14 x 40)
ESC 1:50

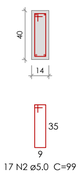
SEÇÃO A-A
ESC 1:25



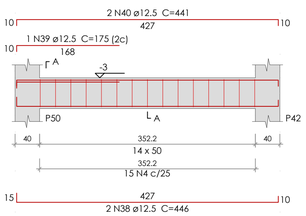
V31 (14 x 40)
ESC 1:50



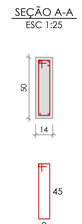
SEÇÃO A-A
ESC 1:25



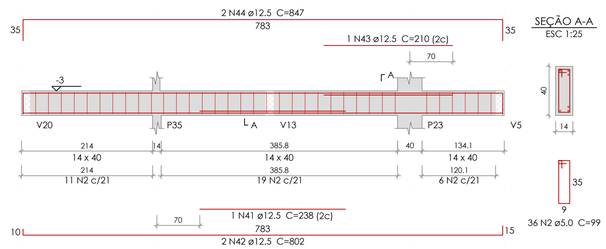
V32 (14 x 50)
ESC 1:50



SEÇÃO A-A
ESC 1:25

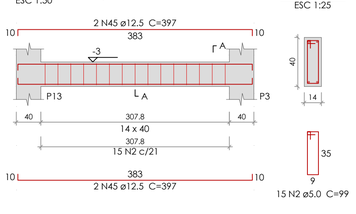


V33 (14 x 40)
ESC 1:50

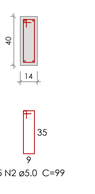


SEÇÃO A-A
ESC 1:25

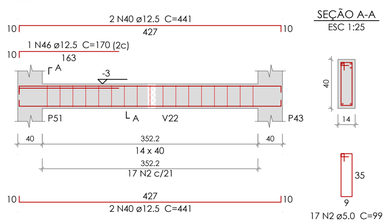
V34 (14 x 40)
ESC 1:50



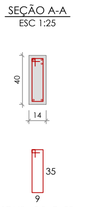
SEÇÃO A-A
ESC 1:25



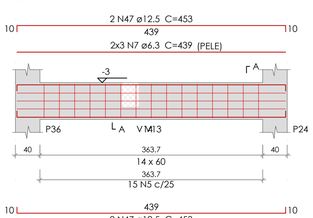
V35 (14 x 40)
ESC 1:50



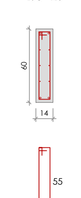
SEÇÃO A-A
ESC 1:25



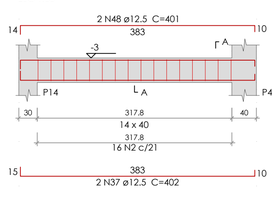
V36 (14 x 60)
ESC 1:50



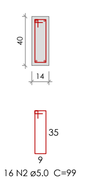
SEÇÃO A-A
ESC 1:25



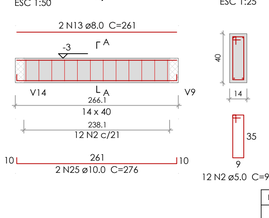
V37 (14 x 40)
ESC 1:50



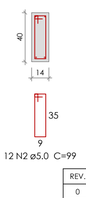
SEÇÃO A-A
ESC 1:25



V38 (14 x 40)
ESC 1:50

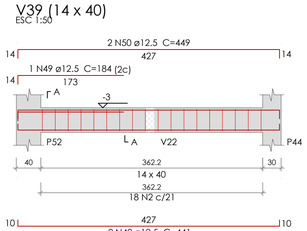


SEÇÃO A-A
ESC 1:25

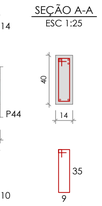


Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

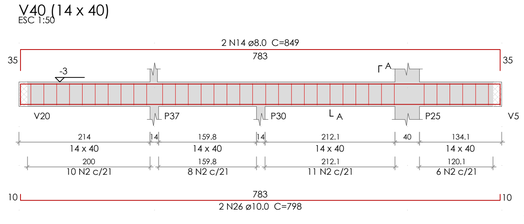
V39 (14 x 40)
ESC 1:50



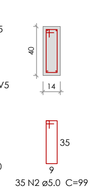
SEÇÃO A-A
ESC 1:25



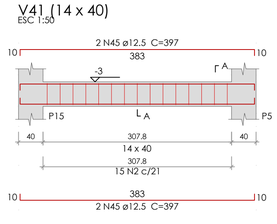
V40 (14 x 40)
ESC 1:50



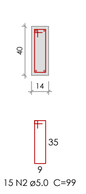
SEÇÃO A-A
ESC 1:25



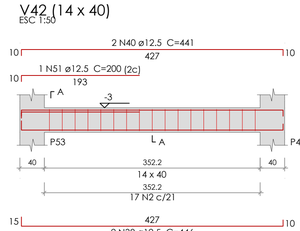
V41 (14 x 40)
ESC 1:50



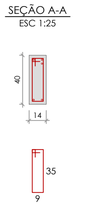
SEÇÃO A-A
ESC 1:25



V42 (14 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25



REV.	DESCRIÇÃO	29/11/24	UNESC	VERIF.	PMS
0	EMISSÃO ORIGINAL	DATA	EXEC.	TIAGO	APROV

AS INFORMAÇÕES DESTE DOCUMENTO SÃO PROPRIEDADE DA PMS, SENDO PROIBIDA A UTILIZAÇÃO FORA DA SUA FINALIDADE.

RESP. TÉCNICO:
TIAGO ROSSO URBANO - ENG.º CIVIL - CREA/SC 126.160-6

CONTRATO:
039/PMS/2023

ELABORAÇÃO:
UNIVERSIDADE DO EXTREMO SUL CATARINENSE
IPAT - Instituto de Pesquisas Ambientais e Tecnológicas
Rodovia Gov. Jorge Lacerda, Km 4,5 - Bairro Sangão - Criciúma/SC
Cx.Postal. 3167 - Fone/Fax (48) 3431 4500/ 3431 4540 CEP 88805-350

CONTRATANTE:
PMS - PREFEITURA MUNICIPAL DE SIDERÓPOLIS
AV. PRESIDENTE DUTRA, 01 - CENTRO
88860-000, SIDERÓPOLIS - SC

OBRA:
UBS - VILA SÃO JOÃO

PROJETO:
PROJETO ESTRUTURAL - BALDRAME

CONTEÚDO:
VIGAS (2/3)

AREA TOTAL: 375.77 m²	ENDEREÇO: RUA "E", SN - COHAB, SIDERÓPOLIS - SC 88860-000		
ESCALA: INDICADA	DESENHO: ALISSON	FOLHA:	08/26
DATA: 29/11/2024	Nº	033-PEX-PROJ-078-22-PE-PMS-DE-017-009-008	

Ext.: A1 - 841 x 594 mm