Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V21
V22	V23	V24
V25	V26	

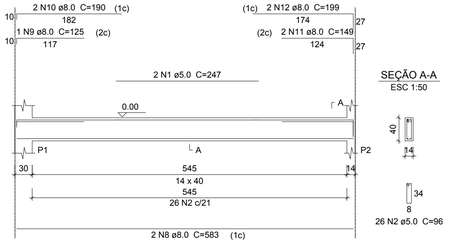
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	247	494
	2	5.0	484	96	46464
	3	5.0	2	245	490
	4	5.0	2	223	446
	5	5.0	2	259	518
	6	5.0	2	374	748
CA50	7	6.3	4	73	292
	8	8.0	2	583	1166
	9	8.0	2	125	250
	10	8.0	2	190	380
	11	8.0	2	149	298
	12	8.0	2	199	398
	13	8.0	2	553	1106
	14	8.0	1	121	121
	15	8.0	2	176	352
	16	8.0	2	287	574
	17	8.0	2	334	668
	18	8.0	2	288	576
	19	8.0	2	303	606
	20	8.0	2	336	672
	21	8.0	2	351	702
	22	8.0	2	591	1182
	23	8.0	2	577	1154
	24	8.0	2	427	854
	25	8.0	1	432	432
	26	8.0	2	435	870
	27	8.0	6	460	2760
	28	8.0	2	491	982
	29	8.0	2	320	640
	30	8.0	2	375	750
	31	8.0	8	296	2368
	32	8.0	6	342	2052
	33	8.0	4	407	1628
	34	8.0	2	454	908
	35	8.0	4	403	1612
	36	8.0	2	454	908
	37	8.0	3	115	345
	38	8.0	2	504	1008
	39	8.0	6	449	2694
	40	8.0	1	107	107
	41	8.0	2	475	950
	42	8.0	2	451	902
	43	8.0	2	175	350
	44	8.0	2	507	1014
	45	8.0	2	351	702
	46	8.0	2	277	554
	47	8.0	1	119	119
	48	8.0	2	325	650
	49	8.0	1	305	305
	50	8.0	2	533	1066
	51	8.0	1	130	130
	52	8.0	2	195	390
	53	8.0	2	496	992
	54	8.0	1	89	89
	55	8.0	2	492	984
	56	8.0	2	285	570
	57	8.0	2	326	652
	58	10.0	2	209	418
	59	10.0	1	132	132
	60	10.0	1	157	157
	61	10.0	2	625	1250
	62	10.0	1	136	136
	63	10.0	2	206	412
	64	10.0	2	197	394

Resumo do aço

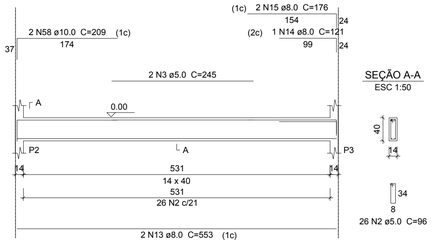
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	3	0.8
	8.0	415.5	180.3
	10.0	29	19.7
CA60	5.0	491.6	83.3
PESO TOTAL			
CA50	200.8		
CA60	83.3		

Vol. de concreto total (C-25) = 5.99 m³
Área de forma total = 100.62 m²

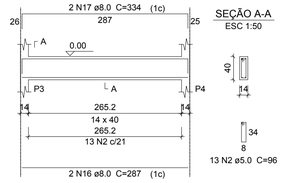
V1
ESC 1:50



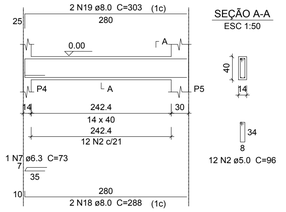
V2
ESC 1:50



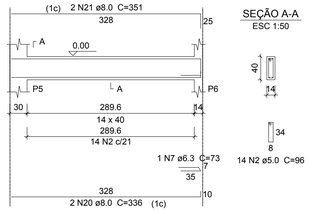
V3
ESC 1:50



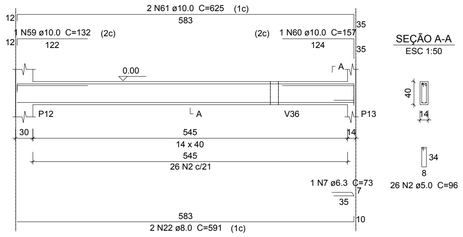
V4
ESC 1:50



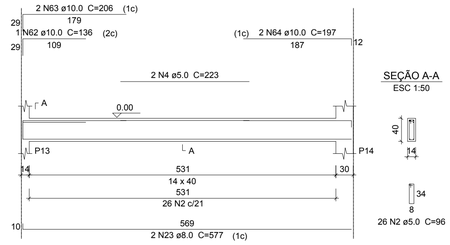
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ESC 1:50



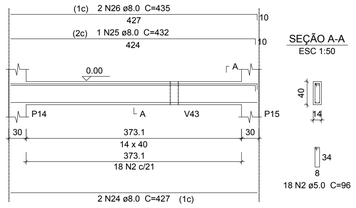
V6
ESC 1:50



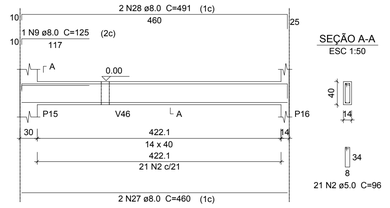
V7
ESC 1:50



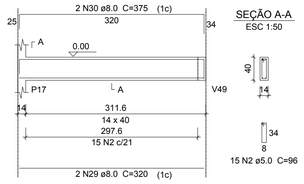
V8
ESC 1:50



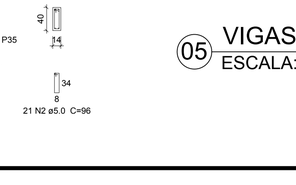
V9
ESC 1:50



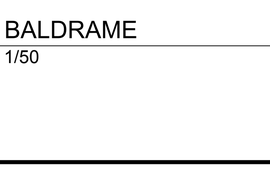
V10
ESC 1:50



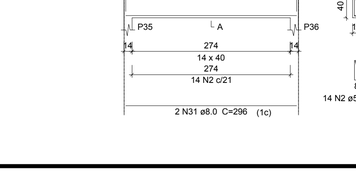
V11
ESC 1:50



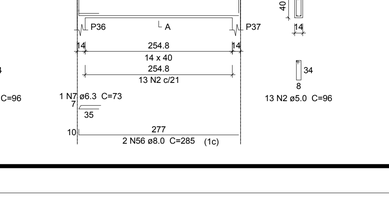
V12
ESC 1:50



V13
ESC 1:50



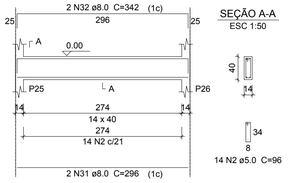
V14
ESC 1:50



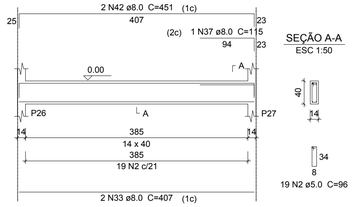
V15
ESC 1:50



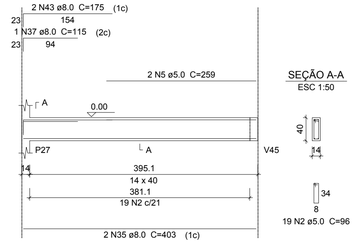
V16
ESC 1:50



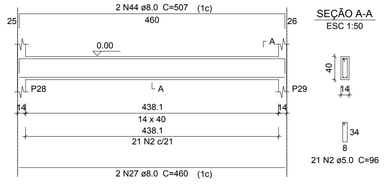
V17
ESC 1:50



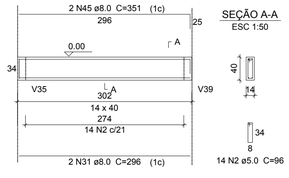
V18
ESC 1:50



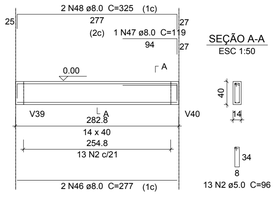
V19
ESC 1:50



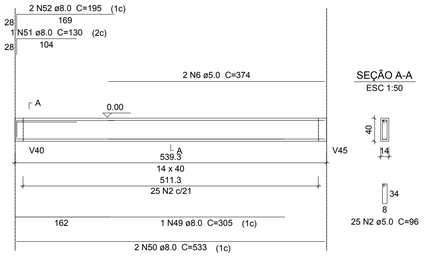
V20
ESC 1:50



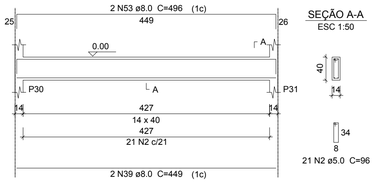
V21
ESC 1:50



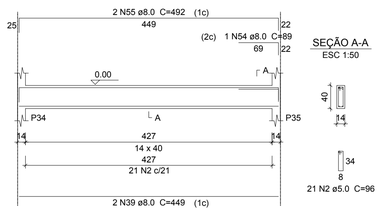
V22
ESC 1:50



V23
ESC 1:50



V24
ESC 1:50



V25
ESC 1:50

V26
ESC 1:50

05 VIGAS BALDRAME
ESCALA: 1/50

APROVAÇÃO:

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA

Rua Primo Tacca, 350, Bairro Tacca - Xanxerê- SC
E-mail:engenharia.engeobra@gmail.com Cel: (49) 9 9976-0226

OBRA: CONSTRUÇÃO CEIM - AMPLIAÇÃO 01

LOCAL: Vila Diadema

PROJETO: ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas Baldrame

DATA: 04/2021

DESENHO: T.L

ÁREA: 367,97m²

ESCALA: Indicada

PRANCHA: 05 /10

Projeto:

Assinado de forma digital por ENGEOBRA ENGENHARIA E INFRAESTRUTURA EIRELI:26831579000128
Dados: 2021.06.17 16:16:42 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:

PREFEITURA MUNICIPAL DE XAXIM