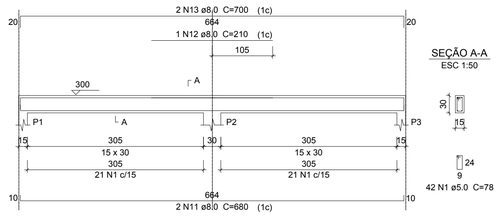
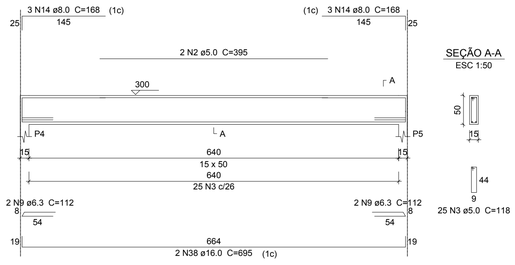
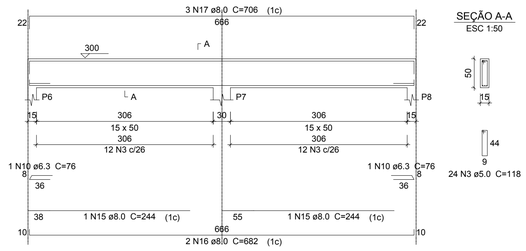
V1
ESC 1:50



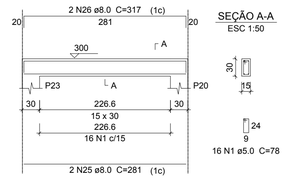
V2
ESC 1:50



V3
ESC 1:50



V9
ESC 1:50



Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12

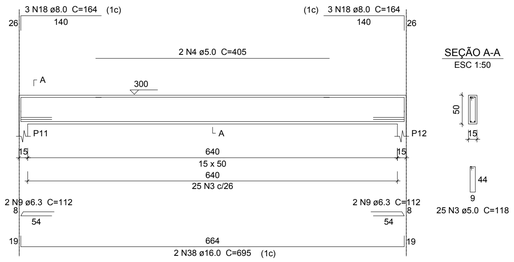
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	134	78	10452
	2	5.0	2	395	790
	3	5.0	147	118	17346
	4	5.0	2	405	810
	5	5.0	2	385	770
	6	5.0	2	236	472
	7	5.0	104	98	10192
	8	5.0	2	266	532
CA50	9	6.3	8	112	896
	10	6.3	12	76	912
	11	8.0	6	680	4080
	12	8.0	1	210	210
	13	8.0	4	700	2800
	14	8.0	6	168	1008
	15	8.0	2	244	488
	16	8.0	2	682	1364
	17	8.0	3	706	2118
	18	8.0	6	164	984
	19	8.0	2	243	486
	20	8.0	6	704	4224
	21	8.0	6	175	1050
	22	8.0	1	243	243
	23	8.0	1	234	234
	24	8.0	2	672	1344
	25	8.0	2	281	562
	26	8.0	2	317	634
	27	8.0	2	1133	2266
	28	8.0	2	773	1546
	29	8.0	2	488	976
	30	8.0	2	1198	2396
	31	8.0	2	916	1832
	32	8.0	2	167	334
	33	8.0	4	266	1064
	34	8.0	2	302	604
	35	10.0	2	395	790
	36	10.0	1	676	676
	37	10.0	3	683	2049
	38	16.0	4	695	2780

Resumo do aço

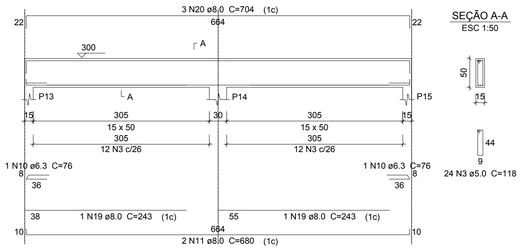
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	18.1	4.9
	8.0	328.5	142.6
	10.0	35.2	23.8
	16.0	27.8	48.3
CA60	5.0	413.7	70.1
PESO TOTAL			
CA50	219.5		
CA60	70.1		

Vol. de concreto total (C-25) = 5.43 m³
Área de forma total = 85.33 m²

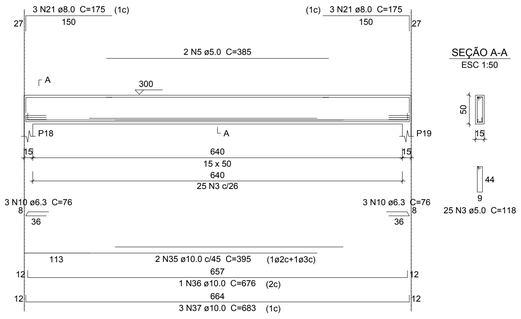
V4
ESC 1:50



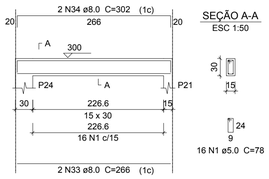
V5
ESC 1:50



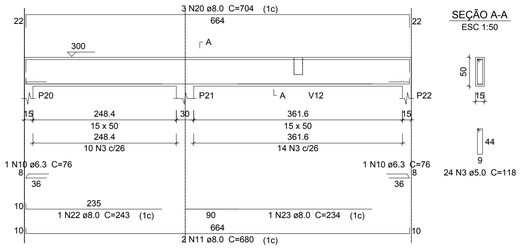
V6
ESC 1:50



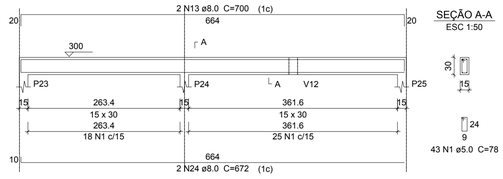
V11
ESC 1:50



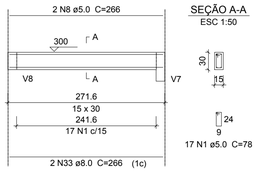
V7
ESC 1:50



V8
ESC 1:50



V12
ESC 1:50



Relação do aço

V13

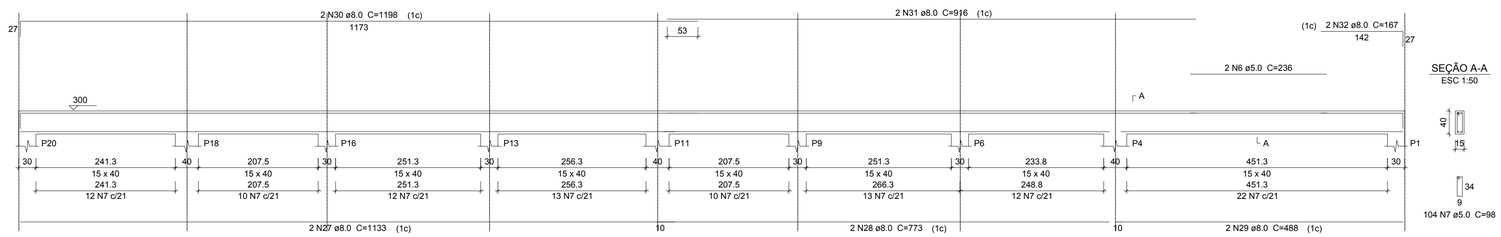
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	236	472
	2	5.0	115	98	11270
CA50	3	8.0	2	1064	2128
	4	8.0	2	1069	2138
	5	8.0	2	488	976
	6	8.0	2	1198	2396
	7	8.0	2	1172	2344
	8	8.0	2	167	334

Resumo do aço

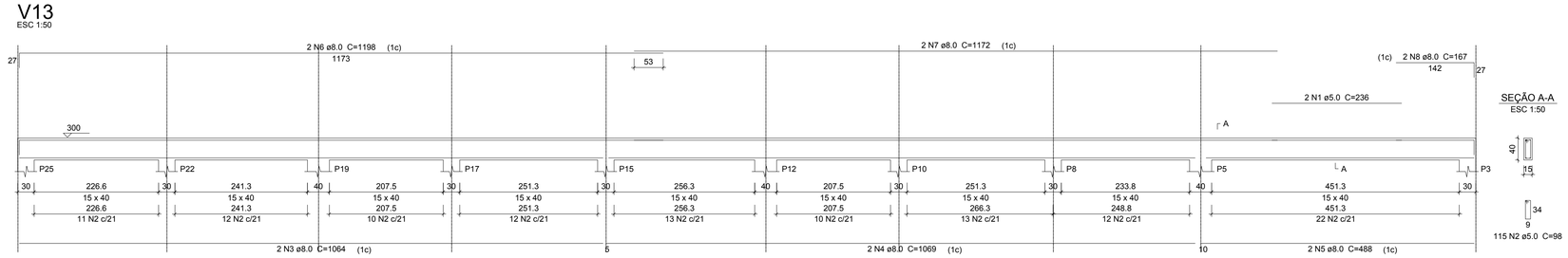
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	103.2	44.8
CA60	5.0	117.5	19.9
PESO TOTAL			
CA50	44.8		
CA60	19.9		

Vol. de concreto total (C-25) = 1.59 m³
Área de forma total = 25.24 m²

V10
ESC 1:50



V13
ESC 1:50



07 VIGAS COBERTURA
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:
AMPLIAÇÃO DE ESCOLA E CONSTRUÇÃO CEIM

LOCAL:
Rua Camargo - Distrito Diadema - Xanxerê/SC

PROJETO:
ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas de cobertura

AMPLIAÇÃO 01 - CEIM

DATA: 06/2021
DESENHO: T.L
ÁREA: 160,00 m²
PRANCHA: 05 /07
ESCALA: Indicada

Projeto:
Assinado de forma digital por ENGEOBRA ENGENHARIA E INFRAESTRUTURA EIRELI:26831579000128
Dados: 2021.06.17 16:14:50 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
PREFEITURA MUNICIPAL DE XAXIM
CNPJ:82.854.670/0001-30