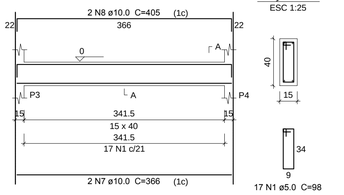
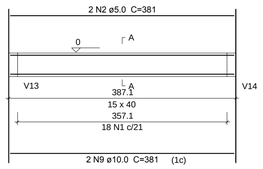
V2
ESC 1:50



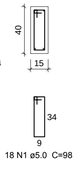
SEÇÃO A-A
ESC 1:25

17 N1 ø5.0 C=98

V3
ESC 1:50

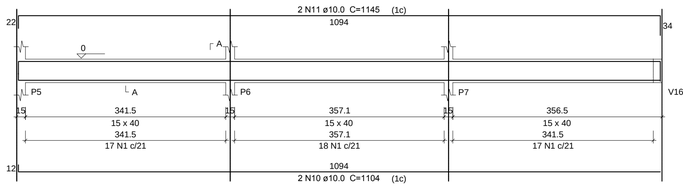


SEÇÃO A-A
ESC 1:25

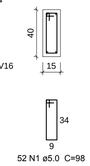


18 N1 ø5.0 C=98

V4
ESC 1:50

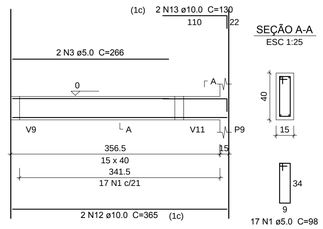


SEÇÃO A-A
ESC 1:25



52 N1 ø5.0 C=98

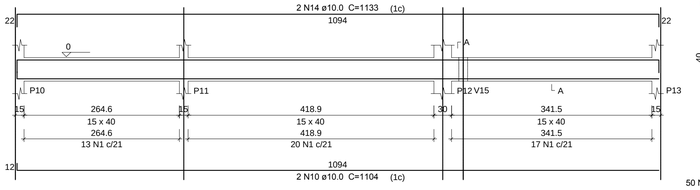
V5
ESC 1:50



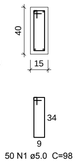
SEÇÃO A-A
ESC 1:25

17 N1 ø5.0 C=98

V6
ESC 1:50

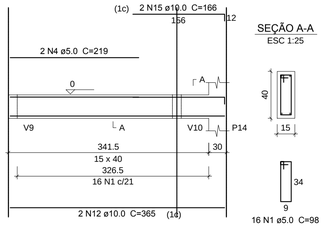


SEÇÃO A-A
ESC 1:25



50 N1 ø5.0 C=98

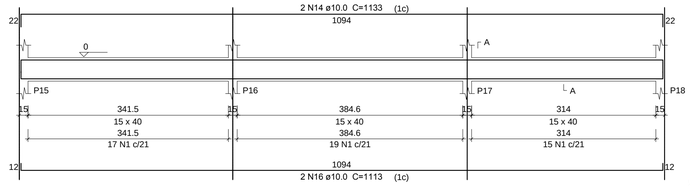
V7
ESC 1:50



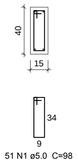
SEÇÃO A-A
ESC 1:25

16 N1 ø5.0 C=98

V8
ESC 1:50

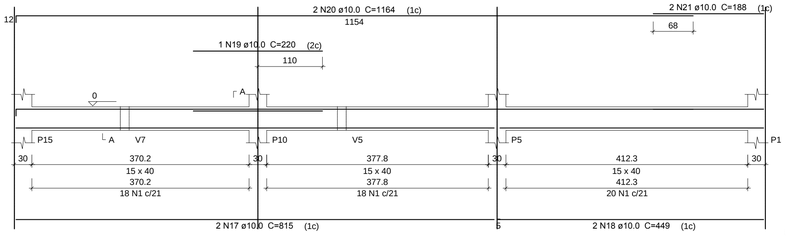


SEÇÃO A-A
ESC 1:25

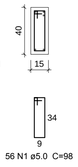


51 N1 ø5.0 C=98

V9
ESC 1:50

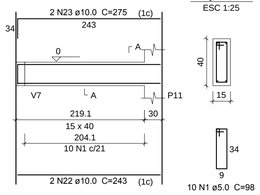


SEÇÃO A-A
ESC 1:25



56 N1 ø5.0 C=98

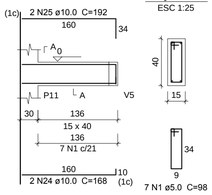
V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

10 N1 ø5.0 C=98

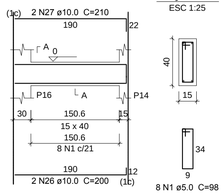
V11
ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=98

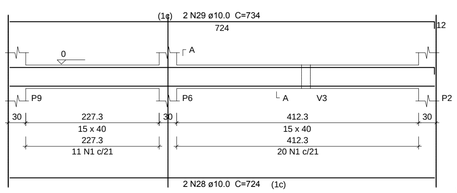
V12
ESC 1:50



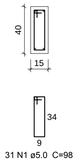
SEÇÃO A-A
ESC 1:25

8 N1 ø5.0 C=98

V13
ESC 1:50

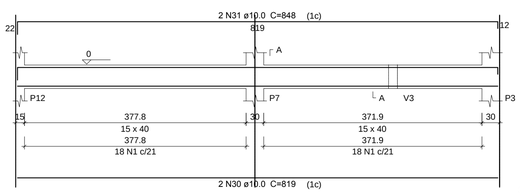


SEÇÃO A-A
ESC 1:25

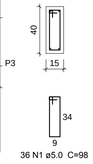


31 N1 ø5.0 C=98

V14
ESC 1:50

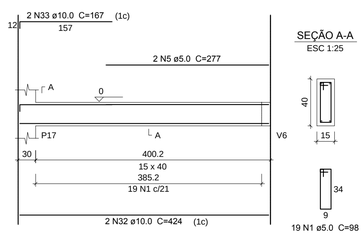


SEÇÃO A-A
ESC 1:25



36 N1 ø5.0 C=98

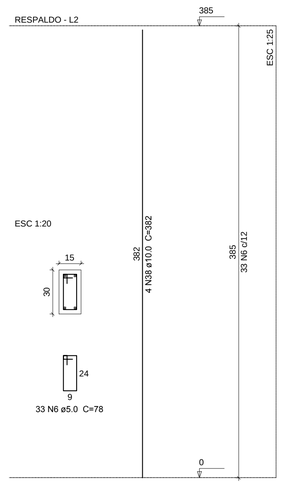
V15
ESC 1:50



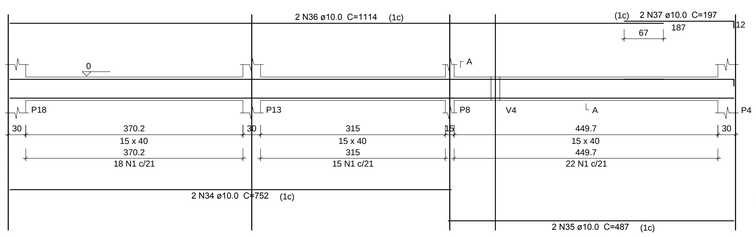
SEÇÃO A-A
ESC 1:25

19 N1 ø5.0 C=98

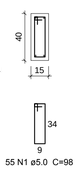
P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11
=P12=P13=P14=P15=P16=P17=P18



V16
ESC 1:50

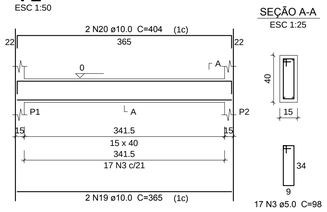


SEÇÃO A-A
ESC 1:25



55 N1 ø5.0 C=98

V1
ESC 1:50



SEÇÃO A-A
ESC 1:25

17 N3 ø5.0 C=98

Relação do aço

BALDRAME:	V2	V3	
	V4	V5	
	V6	V7	
	V8	V9	
	V10	V11	
	V12	V13	
	V14	V15	
	V16		
RESPALDO:	18xP1	V1	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	460	98	45080
	2	5.0	2	381	762
	3	5.0	2	266	532
	4	5.0	2	219	438
	5	5.0	2	277	554
	6	5.0	594	78	46332
CA50	7	10.0	2	366	732
	8	10.0	2	405	810
	9	10.0	2	381	762
	10	10.0	4	1104	4416
	11	10.0	2	1145	2290
	12	10.0	4	365	1460
	13	10.0	2	130	260
	14	10.0	4	1133	4532
	15	10.0	2	166	332
	16	10.0	2	1113	2226
	17	10.0	2	815	1630
	18	10.0	2	449	898
	19	10.0	1	220	220
	20	10.0	2	1164	2328
	21	10.0	2	188	376
	22	10.0	2	243	486
	23	10.0	2	275	550
	24	10.0	2	168	336
	25	10.0	2	192	384
	26	10.0	2	200	400
	27	10.0	2	210	420
	28	10.0	2	724	1448
	29	10.0	2	734	1468
	30	10.0	2	819	1638
	31	10.0	2	848	1696
	32	10.0	2	424	848
	33	10.0	2	167	334
	34	10.0	2	752	1504
	35	10.0	2	487	974
	36	10.0	2	1114	2228
	37	10.0	2	197	394
	38	10.0	72	382	27504
	39	10.0	2	384	768
	40	10.0	2	404	808

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	674.6	457.5
CA60	5.0	937	158.9
PESO TOTAL			
CA50	457.5		
CA60	158.9		

Vol. de concreto total (C-25) = 9.29 m³
Área de forma total = 160.1 m²

Projeto: Centro de Especialidades	Escala: Indicada	Prancha: 03/07
Referência: Projeto estrutural	Data: Junho/2017	
Localização: Xaxim - SC	Área: 131,61 m²	
Responsável Técnico	Proprietário	

Pedro Luciano Sorgato
CREA/SC 122605-3