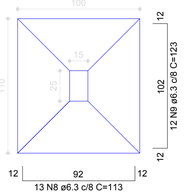
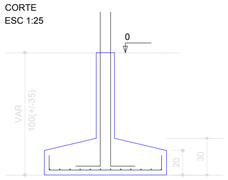
S1=S3=S4=S5=S8=S9=S10=S11=S12=S13

PLANTA
ESC 1:25

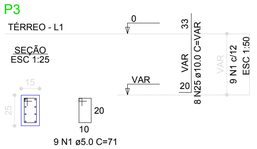


CORTE
ESC 1:25

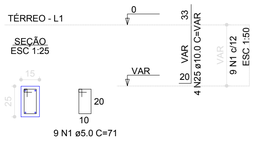


Solo com capacidade de suporte > 1.00 kgf/cm²

P3

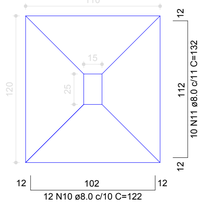


P1=P4=P5=P8=P9=P10=P11=P12=P13

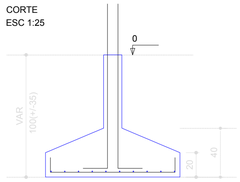


S2=S6=S7

PLANTA
ESC 1:25

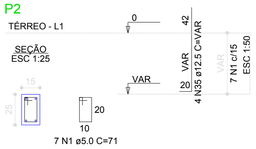


CORTE
ESC 1:25

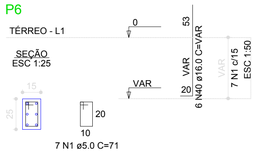


Solo com capacidade de suporte > 1.00 kgf/cm²

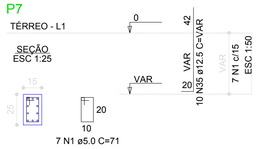
P2



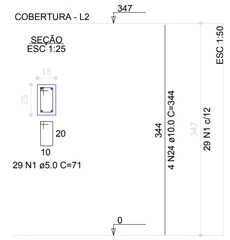
P6



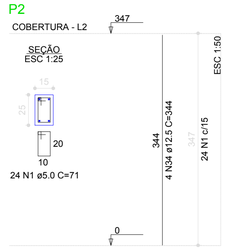
P7



P1=P4=P5=P8=P9=P10=P11=P12=P13



P2



P3

P6

P7

V1

ESC 1:50

SEÇÃO A-A
ESC 1:25

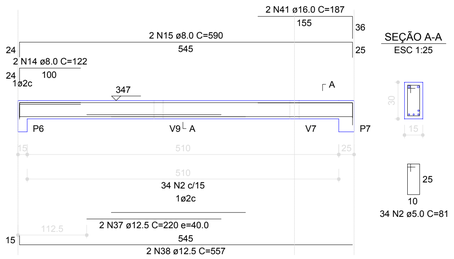
V2

ESC 1:50

SEÇÃO A-A
ESC 1:25

V3

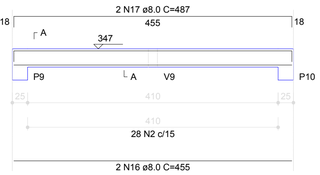
ESC 1:50



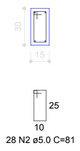
SEÇÃO A-A
ESC 1:25

V4

ESC 1:50

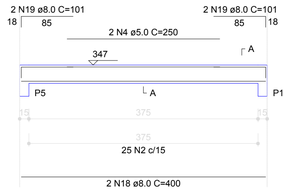


SEÇÃO A-A
ESC 1:25

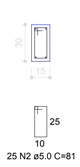


V5

ESC 1:50

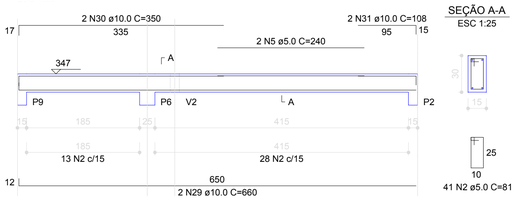


SEÇÃO A-A
ESC 1:25



V6

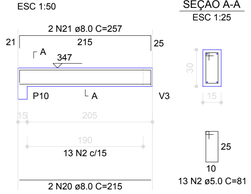
ESC 1:50



SEÇÃO A-A
ESC 1:25

V7

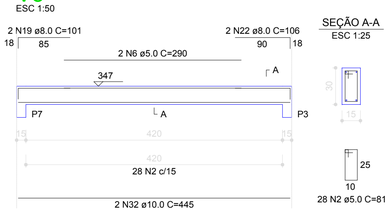
ESC 1:50



SEÇÃO A-A
ESC 1:25

V8

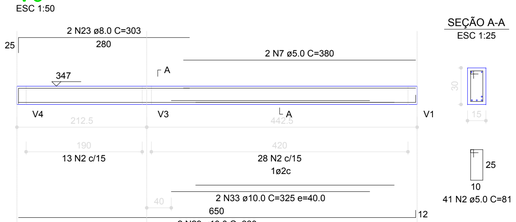
ESC 1:50



SEÇÃO A-A
ESC 1:25

V9

ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

9xP1-L2	9xP1-L1	P2-L2
P2-L1	P3-L2	P3-L1
P6-L2	P6-L1	P7-L2
P7-L1	3xS2-L1	10xS3-L1
V1-L2	V2-L2	V3-L2
V4-L2	V5-L2	V6-L2
V7-L2	V8-L2	V9-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	473	71	33583
	2	5.0	271	81	21951
	3	5.0	2	245	490
	4	5.0	2	250	500
	5	5.0	2	240	480
	6	5.0	2	290	580
	7	5.0	2	380	760
CA50	8	6.3	130	113	14690
	9	6.3	120	123	14760
	10	8.0	36	122	4392
	11	8.0	30	132	3960
	12	8.0	2	231	462
	13	8.0	2	254	508
	14	8.0	2	122	244
	15	8.0	2	590	1180
	16	8.0	2	455	910
	17	8.0	2	487	974
	18	8.0	2	400	800
	19	8.0	6	101	606
	20	8.0	2	215	430
	21	8.0	2	257	514
	22	8.0	2	106	212
	23	8.0	2	303	606
	24	10.0	44	344	15136
	25	10.0	44	VAR	VAR
	26	10.0	1	160	160
	27	10.0	2	408	816
	28	10.0	2	163	326
	29	10.0	4	660	2640
	30	10.0	2	350	700
	31	10.0	2	108	216
	32	10.0	2	445	890
	33	10.0	2	325	650
	34	12.5	14	344	4816
	35	12.5	14	VAR	VAR
	36	12.5	2	760	1520
	37	12.5	2	220	440
	38	12.5	2	557	1114
	39	16.0	6	344	2064
	40	16.0	6	VAR	VAR
	41	16.0	2	187	374

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	294.5	79.3
	8.0	158	68.6
	10.0	280	189.9
	12.5	100.6	106.6
	16.0	34.3	59.5
CA60	5.0	583.4	98.9

PESO TOTAL (kg)	
CA50	503.9
CA60	98.9

Volume de concreto (C-30) = 7.90 m³
Área de forma = 90.42 m²

APROVAÇÃO:

PROPRIETÁRIO

FISCALIZAÇÃO

CLÁUDIO JOSÉ QUEIROZ BARROS
PROJETISTA
CREA CE: 13.419 D

JOTA BARROS PROJETOS
RUA TABELIÃO JOAQUIM CORVO Nº 451 ALTOS
FONE: (55) 3533-0700
E-MAIL: CONTATO@JBARROSPROJETOS.COM.BR
WWW.JBARROSPROJETOS.COM.BR

PREFEITURA MUNICIPAL DE SÃO BENEDITO

DESENHO: 01/01

PRANCHA Nº: 02/02

REFORMA PRAÇA 25 DE MARÇO

PROJETO ESTRUTURAL - CAFÉ
DETALHAMENTO DE ARMADURAS

LOCAL:	PRAÇA 25 DE MARÇO - SÃO BENEDITO, CEARÁ		
PROJETISTA:	CLÁUDIO JOSÉ QUEIROZ BARROS - CREA CE: 13.419 D	ESCALA:	Governo Municipal de São Benedito Cidade da Fé, Cidade das Flores
PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE SÃO BENEDITO	INDICADA	
DESENHISTA:	EMANUEL SOUSA	DATA:	
ARQUIVO:	REF.PÇA_SB_01A02.02_EST.CAFÉ_R0.DWG	JULHO / 2018	