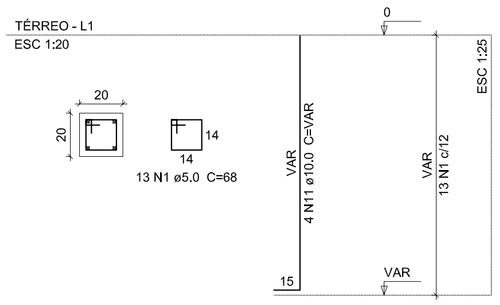
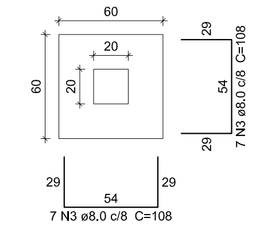
S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12
=S13=S14=S15=S16=S17=S18=S19=S20=S21
=S22

PLANTA
ESC 1:25

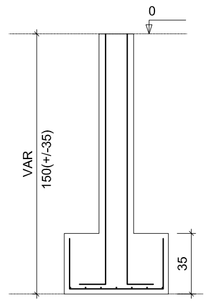
CORTE
ESC 1:25

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12
=P13=P14=P15=P16=P17=P18=P19=P20=P21
=P22





Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



Relação do aço

22xS1	VB1	VB2
VB3	VB4	VB5
VB6	VB7	VB8
VB9	VB10	VB11
VB12	VB13	

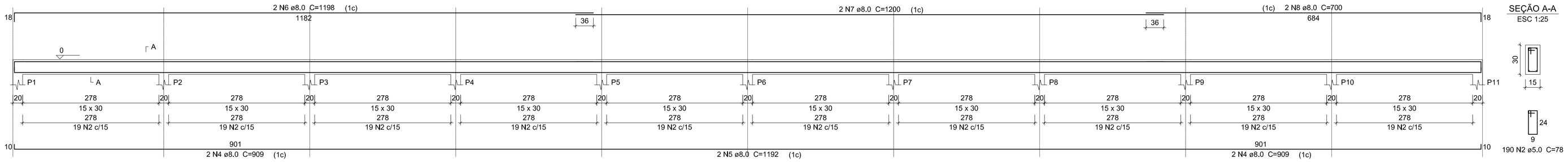
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	286	68	19448
	2	5.0	644	78	50232
CA50	3	8.0	308	108	33264
	4	8.0	8	909	7272
	5	8.0	4	1192	4768
	6	8.0	4	1198	4792
	7	8.0	4	1200	4800
	8	8.0	4	700	2800
	9	8.0	22	410	9020
	10	8.0	22	426	9372
	11	10.0	88	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	760.9	330.3
	10.0	140.8	95.5
CA60	5.0	696.8	118.1
PESO TOTAL			
CA50	425.7		
CA60	118.1		

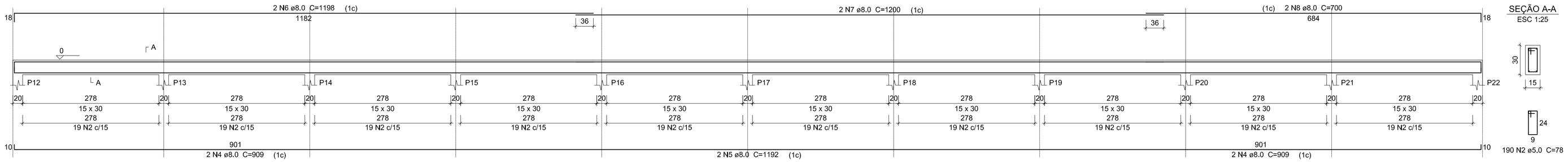
Vol. de concreto total (C-30) = 8.77 m³
Área de forma total = 122.88 m²

VB1
ESC 1:50



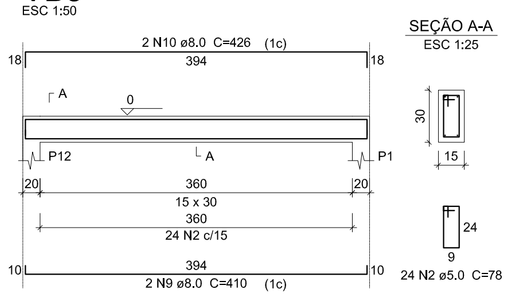
SEÇÃO A-A
ESC 1:25

VB2
ESC 1:50



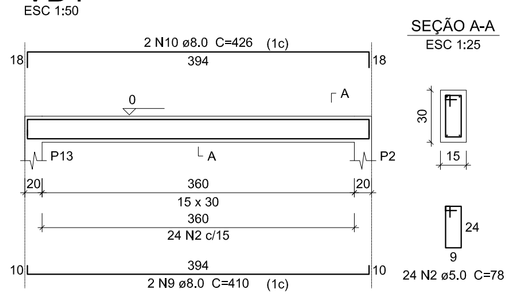
SEÇÃO A-A
ESC 1:25

VB3
ESC 1:50



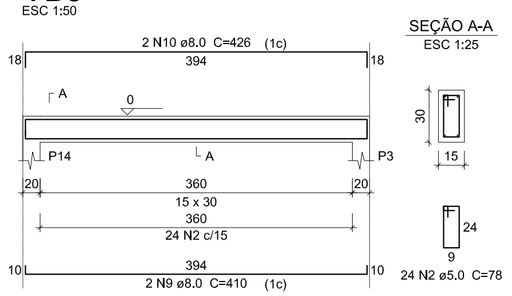
SEÇÃO A-A
ESC 1:25

VB4
ESC 1:50



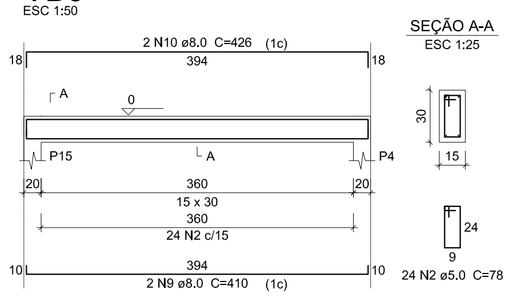
SEÇÃO A-A
ESC 1:25

VB5
ESC 1:50



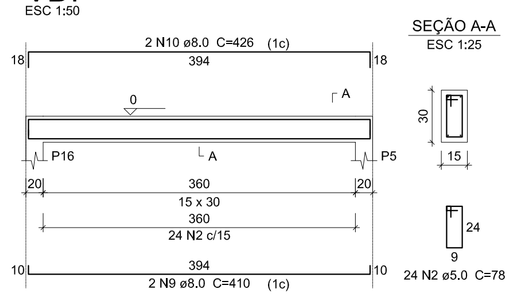
SEÇÃO A-A
ESC 1:25

VB6
ESC 1:50



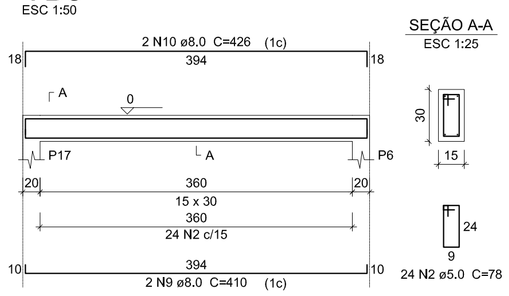
SEÇÃO A-A
ESC 1:25

VB7
ESC 1:50



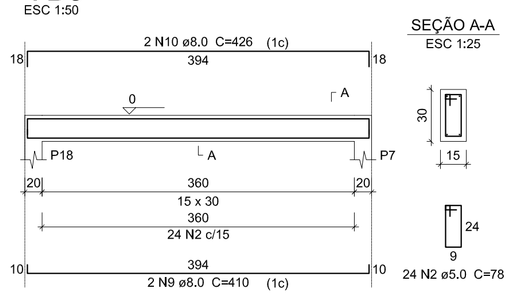
SEÇÃO A-A
ESC 1:25

VB8
ESC 1:50



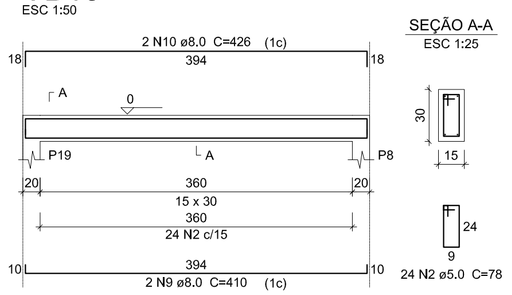
SEÇÃO A-A
ESC 1:25

VB9
ESC 1:50



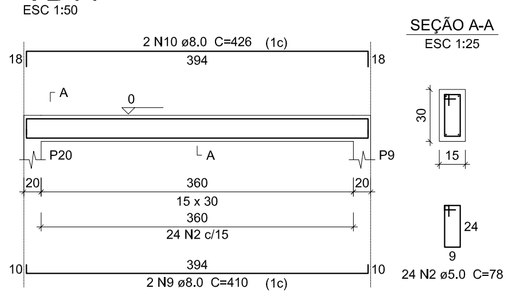
SEÇÃO A-A
ESC 1:25

VB10
ESC 1:50



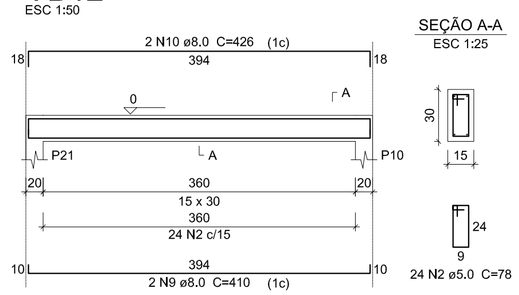
SEÇÃO A-A
ESC 1:25

VB11
ESC 1:50



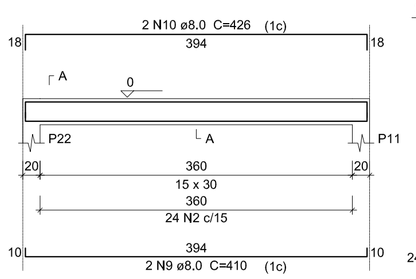
SEÇÃO A-A
ESC 1:25

VB12
ESC 1:50

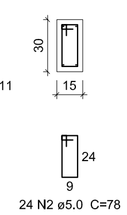


SEÇÃO A-A
ESC 1:25

VB13
ESC 1:50



SEÇÃO A-A
ESC 1:25



APROVAÇÃO:

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RUA DO CAFÉ S/Nº - SETOR MORUMBI TUCUMÃ - PA
FONE:(094)3433-1316

ADELAR PELEGRINI
PREFEITO MUNICIPAL

CONSTRUÇÃO DO CENTRO DE COMERCIALIZAÇÃO DE ARTESANATO

PREFEITURA MUL. DE TUCUMÃ
Terra de Oportunidades
ADM. 2013-2016

PROJETO FUNDAÇÕES (COBERTURA)

REFERÊNCIA:
CENTRO DE COMERCIALIZAÇÃO DE ARTESANATO

PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE TUCUMÃ	ESCALA: INDICADA	DATA: JANEIRO /2015
ENDEREÇO:	AV. BELÉM SETOR CENTRAL	ÁREA CONSTRUÍDA:	PRANCHA: 02/02
RESPONSÁVEL TÉCNICO:	ESTHER MARIANO ARRUDA Arq. Urb. CAU/BR A63507-3	DESENHO CAD: Esther Marlano	