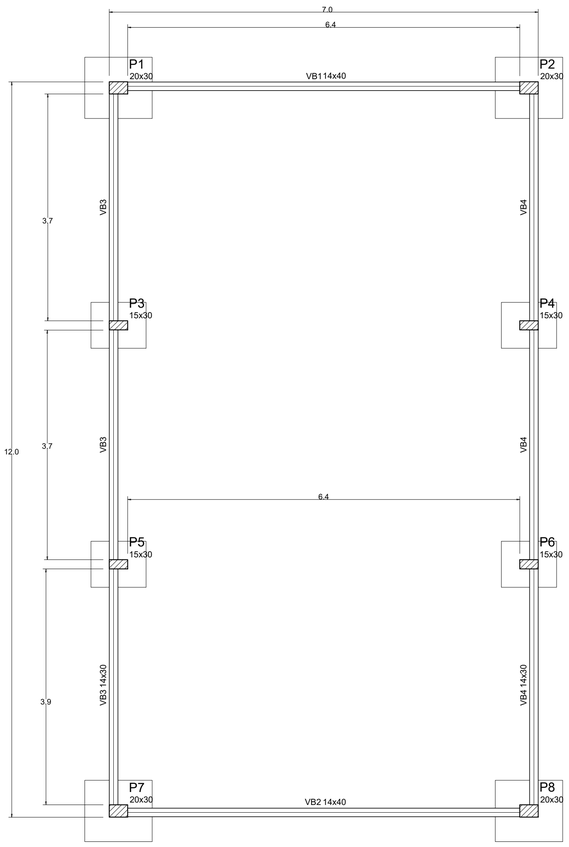


Forma do pavimento Fundação

escala 1:50

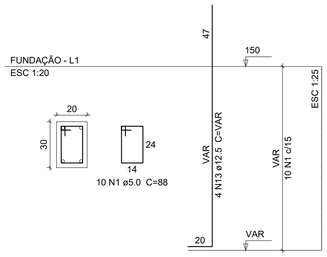
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VB1	14x40	0	150
VB2	14x40	0	150
VB3	14x30	0	150
VB4	14x30	0	150

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

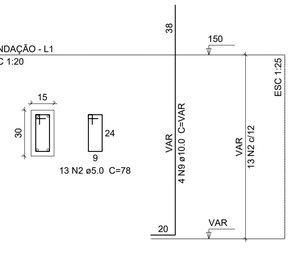
Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20 x 30	0	150
P2	20 x 30	0	150
P3	15 x 30	0	150
P4	15 x 30	0	150
P5	15 x 30	0	150
P6	15 x 30	0	150
P7	20 x 30	0	150
P8	20 x 30	0	150

Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção

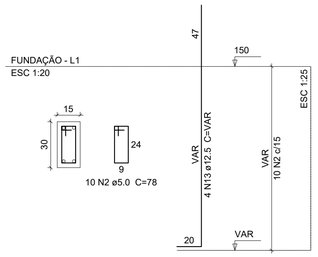
P1=P2=P7=P8



P3=P4

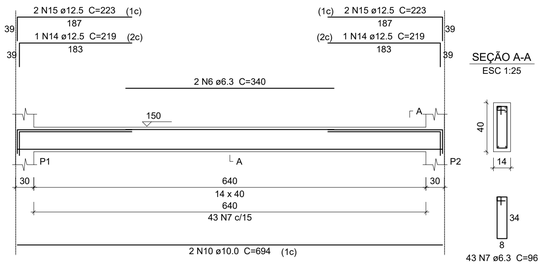


P5=P6



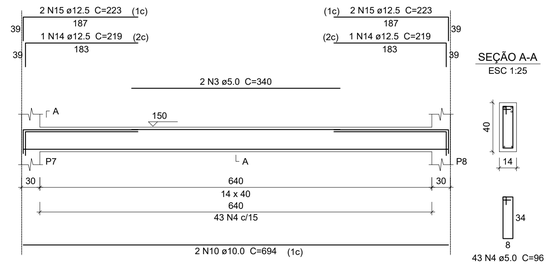
VB1

ESC 1:50



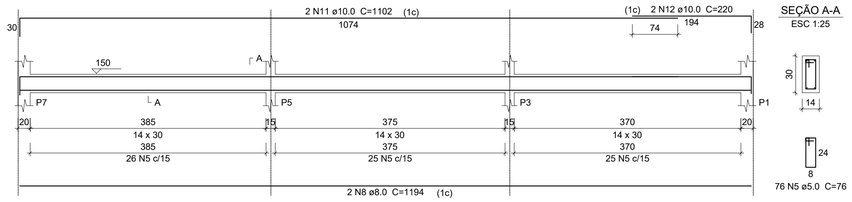
VB2

ESC 1:50



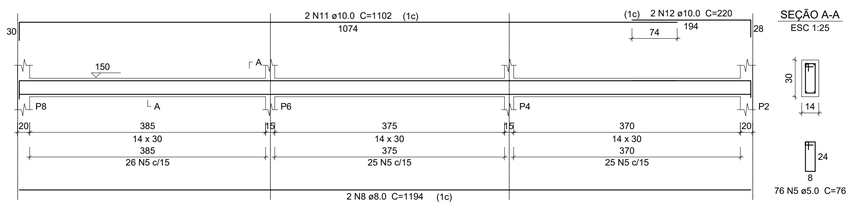
VB3

ESC 1:50



VB4

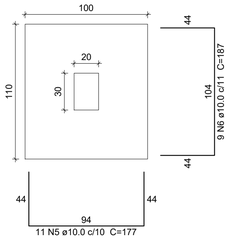
ESC 1:50



S1=S2=S7=S8

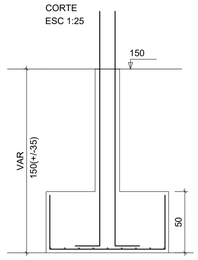
PLANTA

ESC 1:25

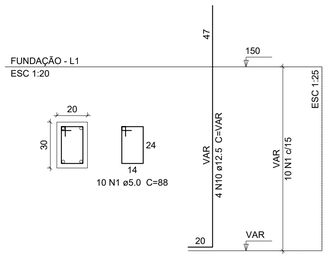


CORTE

ESC 1:25



P1=P2=P7=P8

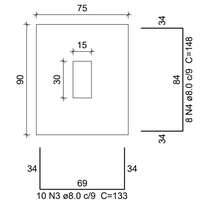


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S3=S4

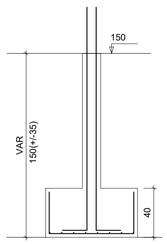
PLANTA

ESC 1:25

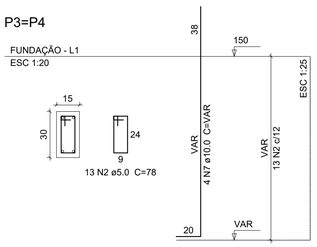


CORTE

ESC 1:25



P3=P4

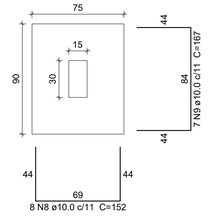


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S5=S6

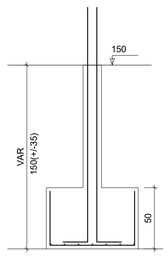
PLANTA

ESC 1:25

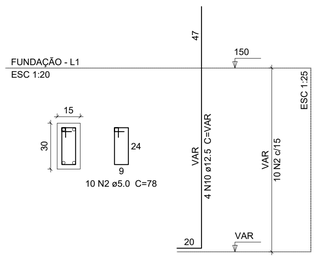


CORTE

ESC 1:25



P5=P6



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Relação do aço

4xP1 VB1 VB4 | 2xP3 VB2 | 2xP5 VB3

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	88	3520
	2	5.0	46	78	3588
	3	5.0	2	340	680
	4	5.0	43	96	4128
	5	5.0	152	76	11552
CA50	6	6.3	2	340	680
	7	6.3	43	96	4128
	8	8.0	4	1194	4776
	9	10.0	8	VAR	VAR
	10	10.0	4	694	2776
	11	10.0	4	1102	4408
	12	10.0	4	220	880
	13	12.5	24	VAR	VAR
	14	12.5	4	219	876
	15	12.5	8	223	1784

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	48.1	12.9
	8.0	47.8	28.7
	10.0	97.2	65.9
	12.5	78	82.6
CA60	5.0	234.7	39.8
PESO TOTAL			
CA50	182.1		
CA60	39.8		

Vol. de concreto total (C-25) = 2.42 m³
Área de forma total = 42.32 m²

Relação do aço

4xS1 | 2xS3 | 2xS5

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	88	3520
	2	5.0	46	78	3588
CA50	3	8.0	20	133	2660
	4	8.0	16	148	2368
	5	10.0	44	177	7788
	6	10.0	36	187	6732
	7	10.0	8	VAR	VAR
	8	10.0	16	152	2432
	9	10.0	14	167	2338
	10	12.5	24	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	50.3	21.8
	10.0	209.4	142
	12.5	51.4	54.4
CA60	5.0	71.1	12.1
PESO TOTAL			
CA50	218.2		
CA60	12.1		

Vol. de concreto total (C-25) = 4.04 m³
Área de forma total = 25.74 m²

CONCEDENTE:	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
	2021	PROJ. ESTRUTURAL	01/03	A
CONVENIENTE: APAE DE VALE DO ANARI	LOCAL: Av. Tancredo Neves com Rua Rio Branco, Quadra 16 - APAE.			B
OBRA: CONSTRUÇÃO DE BARRACÃO		ÁREAS: Ver projeto arquitetônico		C
				D
				E
				F
AUTOR: JOAO PAULO LOPES ARAUJO:00669927295 — Assinado de forma digital por JOAO PAULO LOPES ARAUJO:00669927295 Dados: 2021.08.12 17:50:07 -04'00'	DES.:	DATA: 02/07/2021		G