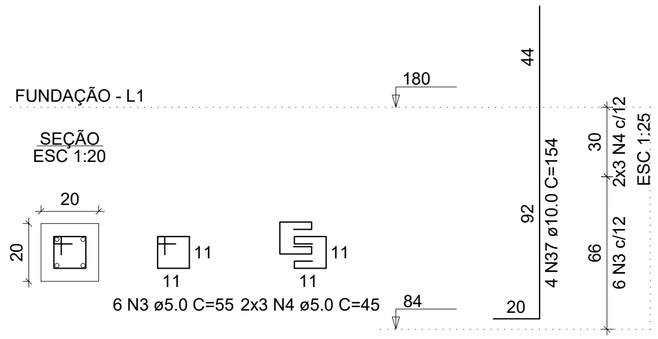
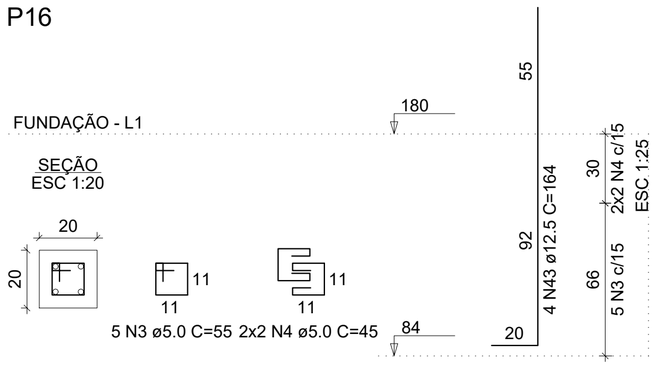
P2=P3=P13=P14

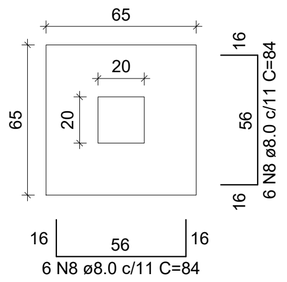


P16

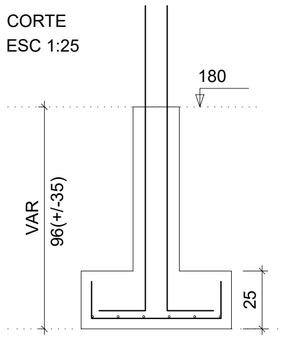


S11=S12=S18

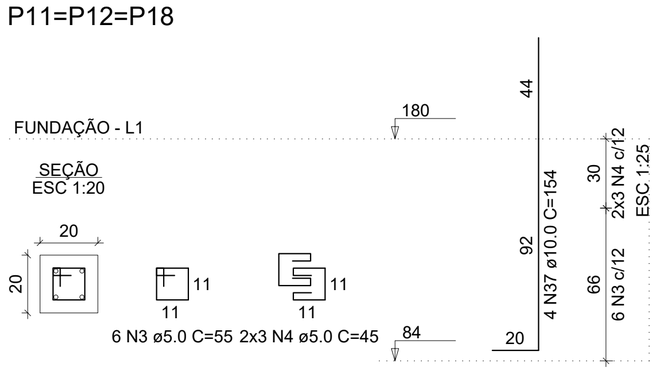
PLANTA
ESC 1:25



CORTE
ESC 1:25



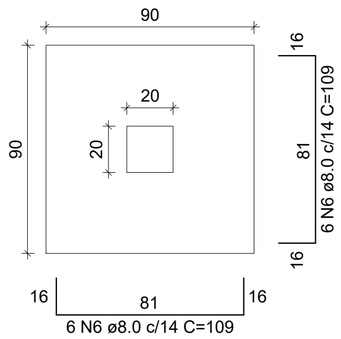
P11=P12=P18



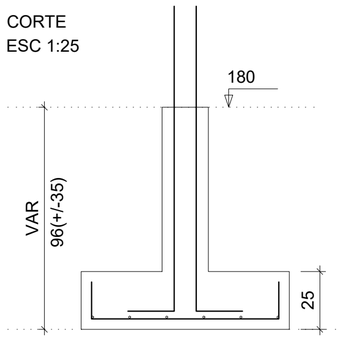
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S8=S9

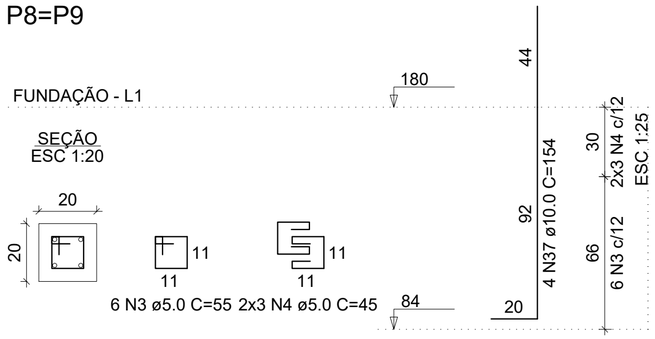
PLANTA
ESC 1:25



CORTE
ESC 1:25



P8=P9



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

RELAÇÃO DO AÇO

P1-L2	P1-L1	17xP2-L2
4xP2-L1	3xP4-L1	4xP5-L1
2xP8-L1	3xP11-L1	P16-L1
2xS8-L1	5xS10-L1	3xS12-L1
5xS13-L1	3xS15-L1	VC1-L2
VF1-L1	VF2-L1	VF3-L1
VF4-L1	VF5-L1	VF6-L1
VF7-L1	VF8-L1	VF9-L1
VF10-L1	VF11-L1	VF12-L1
VF13-L1		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	360	67	24120
	2	5.0	108	54	5832
	3	5.0	107	55	5885
	4	5.0	106	45	4770
	5	5.0	430	75	32250
CA50	6	8.0	24	109	2616
	7	8.0	60	104	6240
	8	8.0	36	84	3024
	9	8.0	60	94	5640
	10	8.0	36	89	3204
	11	8.0	6	679	4074
	12	8.0	2	719	1438
	13	8.0	2	714	1428
	14	8.0	2	298	596
	15	8.0	1	335	335
	16	8.0	2	344	688
	17	8.0	2	397	794
	18	8.0	2	425	850
	19	8.0	4	135	540
	20	8.0	2	170	340
	21	8.0	2	151	302
	22	8.0	2	800	1600
	23	8.0	1	190	190
	24	8.0	2	837	1674
	25	8.0	1	106	106
	26	8.0	2	525	1050
	27	8.0	2	423	846
	28	8.0	4	450	1800
	29	8.0	2	486	972
	30	8.0	2	312	624
	31	8.0	2	367	734
	32	8.0	4	532	2128
	33	8.0	4	548	2192
	34	8.0	2	483	966
	35	10.0	80	267	21360
	36	10.0	8	87	696
	37	10.0	68	154	10472
	38	10.0	2	722	1444
	39	10.0	2	453	906
	40	10.0	1	215	215
	41	10.0	1	555	555
	42	10.0	2	620	1240
	43	12.5	4	164	656

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	469.9	204
	10.0	368.9	250.2
	12.5	6.6	7
CA60	5.0	728.6	123.5

PESO TOTAL (kg)	
CA50	461.1
CA60	123.5

Volume de concreto (C-20) = 8.32 m³
Área de forma = 119.26 m²

PREFEITURA MUNICIPAL DE RIO PARDO

SECRETARIA DE DESENVOLVIMENTO ECONÔMICO E PLANEJAMENTO

EMEF João Francisco de Menezes, Rincão dos Paz – Rio Pardo/RS.

Proprietário:

Resp. Técnico:

Projeto: ESTRUTURAL	Conteudo: FUNDAÇÃO		PRANCHA: 03
Setor/Quadra/Lotes:	Área: 65,82m²	Escala: 1/75	Data: 31/07/2026