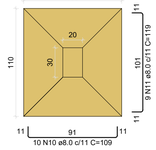
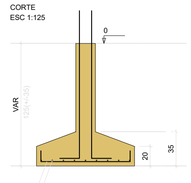
S1
PLANTA
ESC 1:125

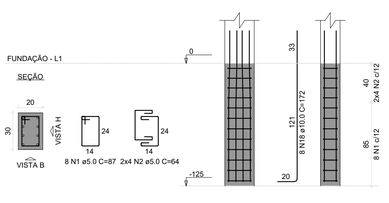


CORTE
ESC 1:125

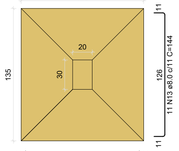


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

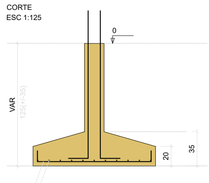
P1



S2=S3
PLANTA
ESC 1:125

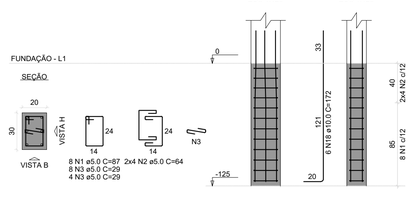


CORTE
ESC 1:125

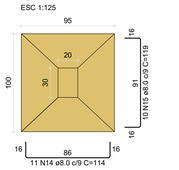


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2=P3

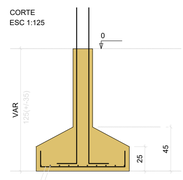


S4
PLANTA
ESC 1:125

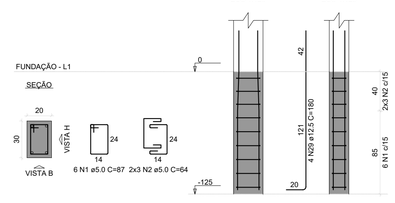


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

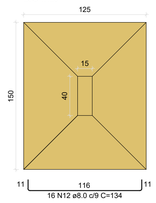
CORTE
ESC 1:125



P4

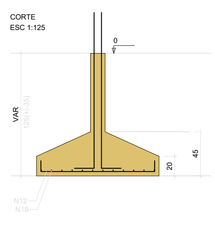


S5
PLANTA
ESC 1:125

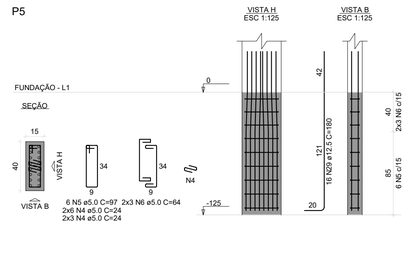


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

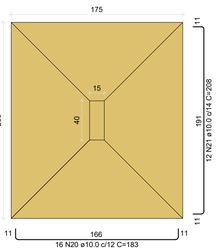
CORTE
ESC 1:125



P5

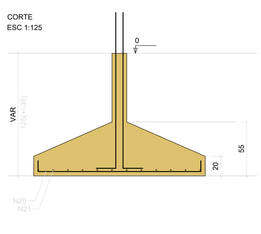


S6
PLANTA
ESC 1:125

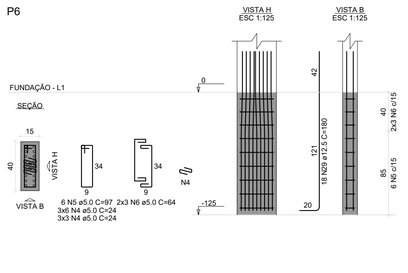


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

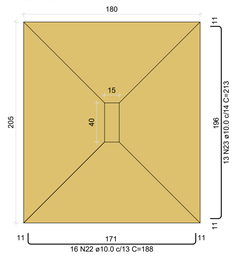
CORTE
ESC 1:125



P6

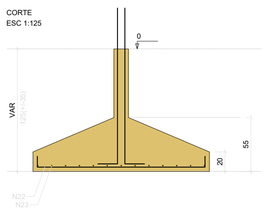


S7
PLANTA
ESC 1:125

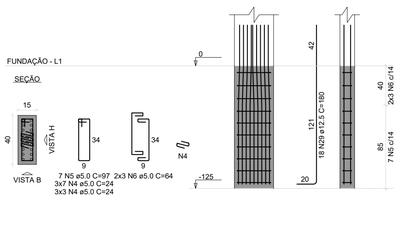


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

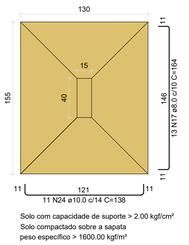
CORTE
ESC 1:125



P7

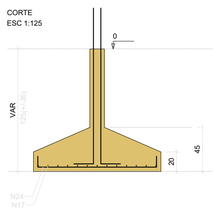


S8
PLANTA
ESC 1:125

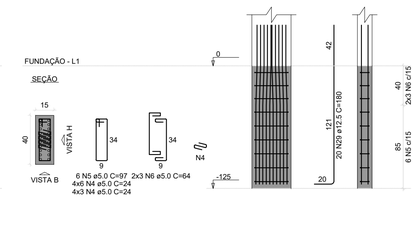


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

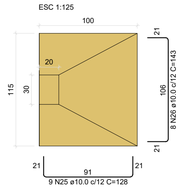
CORTE
ESC 1:125



P8

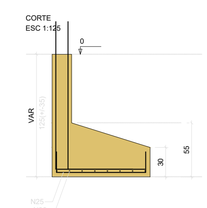


S9
PLANTA
ESC 1:125

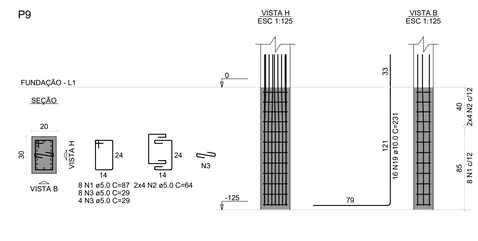


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

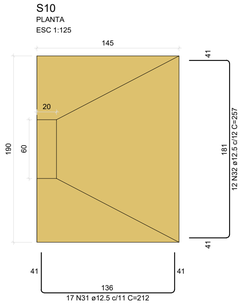
CORTE
ESC 1:125



P9

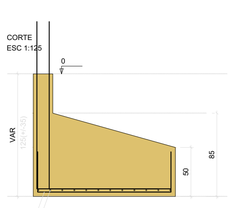


S10
PLANTA
ESC 1:125

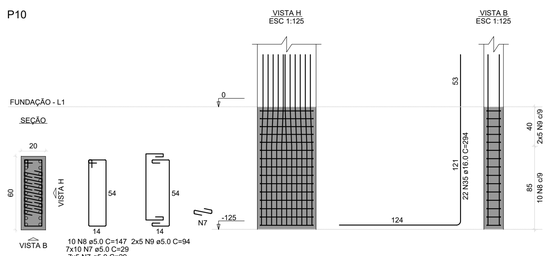


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

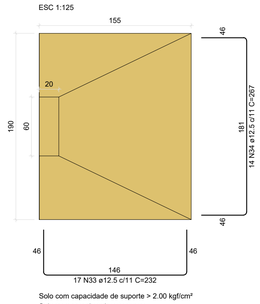
CORTE
ESC 1:125



P10



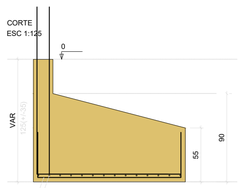
S11
PLANTA
ESC 1:125



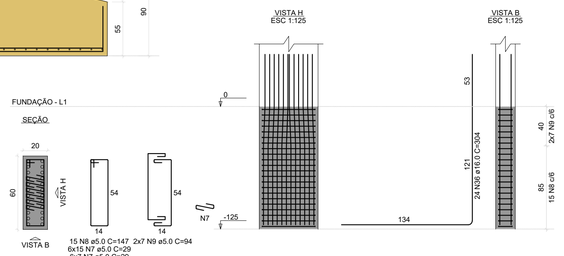
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

SAPATAS

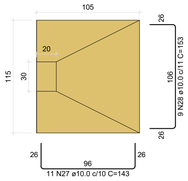
CORTE
ESC 1:125



P11

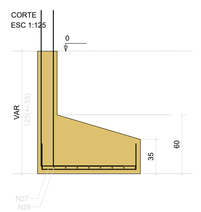


S12
PLANTA
ESC 1:125

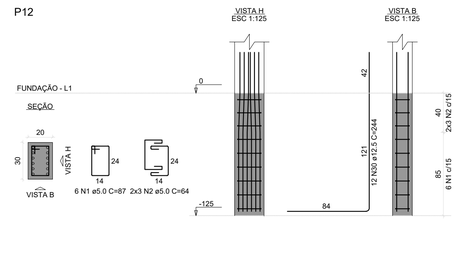


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:125



P12



RELAÇÃO DO AÇO

P1	2xP2	P4	P7
P5	P8	P10	P11
P6	P9	P12	S1
P11	P12	S1	S5
2xS2	S4	S5	S6
S6	S7	S8	S9
S10	S11	S12	

AÇO	N	DIAM. (mm)	QUANT.	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	44	87	3828
	2	5.0	44	84	3516
	3	5.0	36	29	1044
	4	5.0	11	24	2664
	5	5.0	25	97	2425
	6	5.0	25	64	1536
	7	5.0	237	28	6873
	8	5.0	25	147	3675
	9	5.0	8	97	776
CA50	10	8.0	10	109	1090
	11	8.0	8	188	1504
	12	8.0	40	134	5360
	13	8.0	22	144	3168
	14	8.0	11	114	1254
	15	8.0	10	116	1160
	16	8.0	12	158	1908
	17	8.0	13	164	2132
	18	10.0	20	172	3440
	19	10.0	16	231	3696
	20	10.0	11	183	2028
	21	10.0	12	208	2496
	22	10.0	16	188	3008
	23	10.0	13	213	2769
	24	10.0	11	143	1573
	25	10.0	9	153	1377
	26	12.5	76	188	13688
	27	12.5	12	244	2928
	28	12.5	17	212	3604
	29	12.5	12	257	3084
	30	12.5	12	244	2928
	31	12.5	14	267	3738
	32	12.5	22	294	6468
	33	16.0	24	304	7296

RESUMO DO AÇO

AÇO	DIAM. (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	171.7	74.5
	10.0	251	170.2
	12.5	309.8	298.3
	16.0	137.6	230
CA60	5.0	211.2	49
PESO TOTAL (kg)			
CA50	912		
CA60	49		

Volume de concreto (C-30) = 10.47 m³
Área de forma = 30.41 m²

PROJETO - REFORMA E AMPLIAÇÃO SALAS DE AULA E ACESSO ACESSÍVEL DA FUNDAÇÃO CULTURAL

PROPRIETÁRIO:
Prefeitura municipal de são carlos

ASSINATURA:

RESPONSÁVEL TÉCNICO:
Arq. Maiara Magri Zanatta

ASSINATURA: MAIARA MAGRI ZANATTA:84903945049 Assinado de forma digital por MAIARA MAGRI ZANATTA:84903945049 Dados: 2026.10.28 09:46:27 -03'00'

CAU: A1523651

ESPECIFICAÇÃO:
Projeto estrutural
Sapatas

ESCALAS:
Indicada

ÁREA:
116,80

DATA:
Outubro/2026

PRANCHA:
2/5