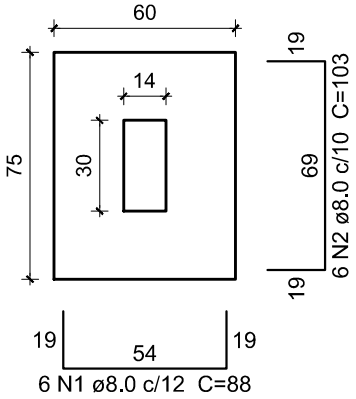


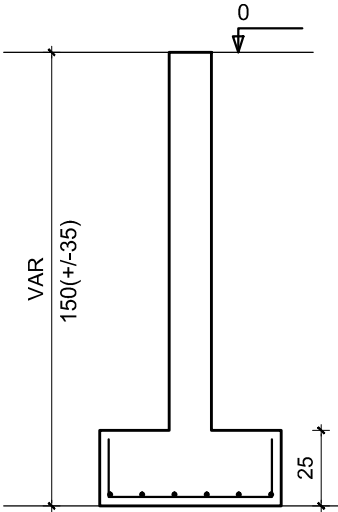
S1=S3=S4=S11=S16=S19

PLANTA
ESC 1:25



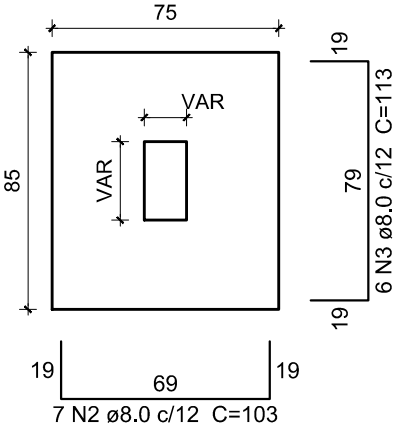
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



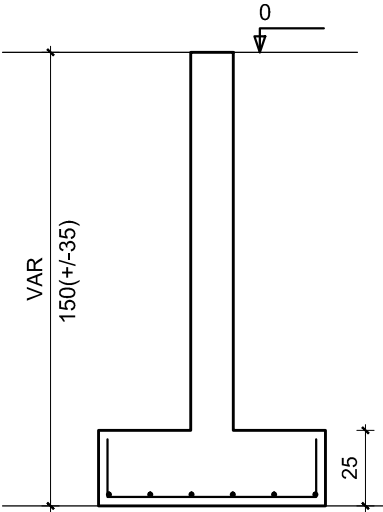
S2=S6=S7=S9=S14=S15

PLANTA
ESC 1:25



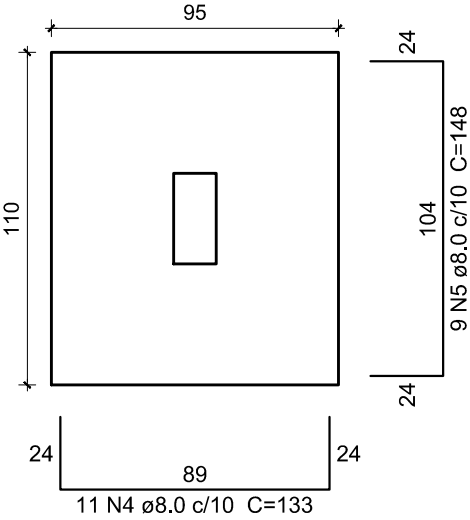
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



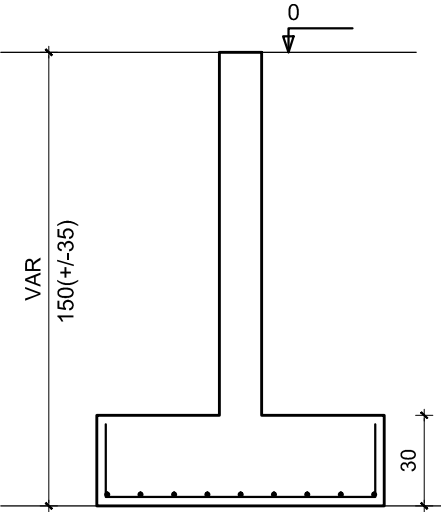
S5=S13

PLANTA
ESC 1:25



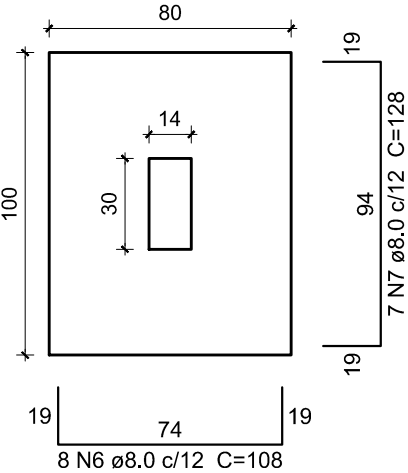
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



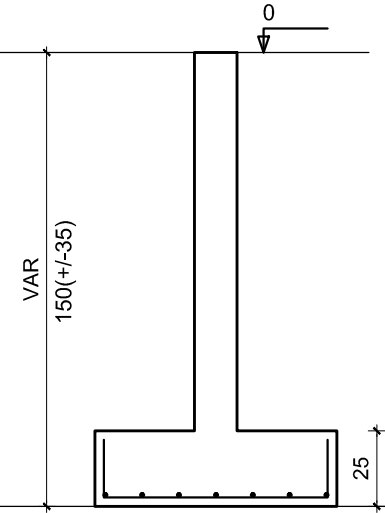
S8=S10=S17

PLANTA
ESC 1:25



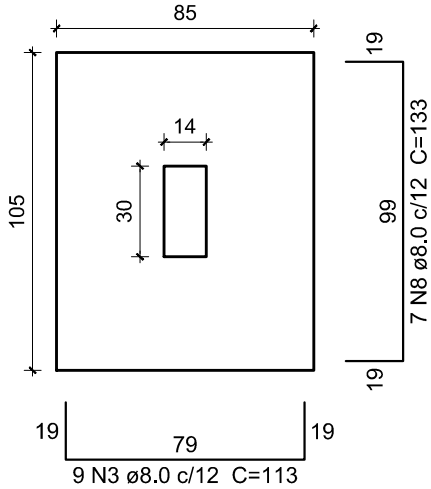
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



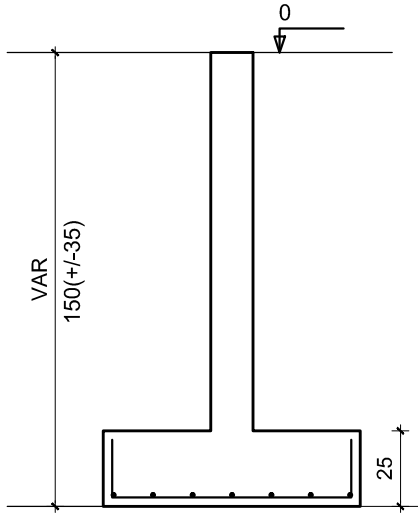
S12

PLANTA
ESC 1:25



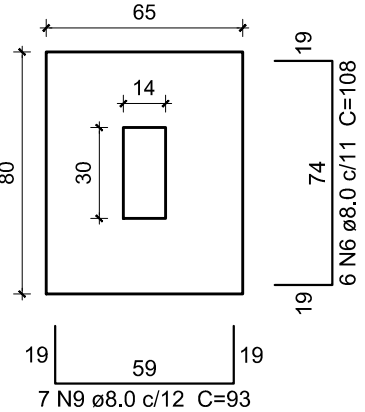
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



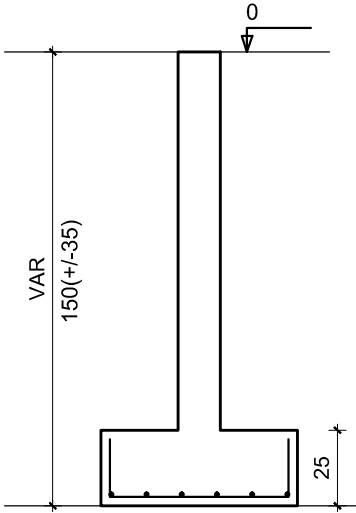
S18

PLANTA
ESC 1:25



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

CORTE
ESC 1:25



01

Sapatas
escala 1/25

Relação do aço

3xS8	S12	2xS13
6xS14	S18	6xS19

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	36	88	3168
	2	8.0	78	103	8034
	3	8.0	45	113	5085
	4	8.0	22	133	2926
	5	8.0	18	148	2664
	6	8.0	30	108	3240
	7	8.0	21	128	2688
	8	8.0	7	133	931
	9	8.0	7	93	651

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	293.9	127.6
PESO TOTAL (kg)			
CA50	127.6		

Volume de concreto (C-30) = 3.21 m³
Área de forma = 15.69 m²

PREFEITURA MUNICIPAL DO RIO GRANDE
SECRETARIA MUNICIPAL DE COORDENAÇÃO E PLANEJAMENTO



CENTRO DE CONVIVÊNCIA INTERGERACIONAL
SMCAS

AV. PELOTAS, ENTRE AS RUAS MINAS GERAIS E GONÇALVES DIAS | RIO GRANDE | RS
LADO ÍMPAR

PROJETO ESTRUTURAL
DETALHAMENTO SAPATAS

ARQ. E URB. GUILHERME VALENTE ELIAS
CAU A57.150-0

ENG. CIVIL EVERTON MENA LOPES
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01/09

ESCALA INDICADA