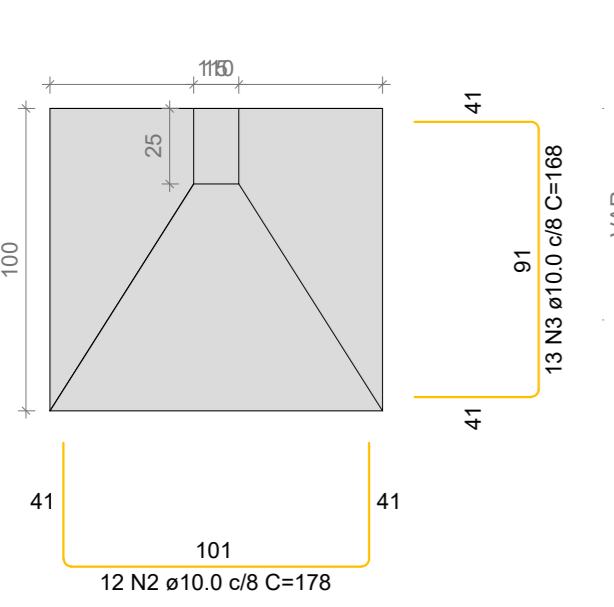
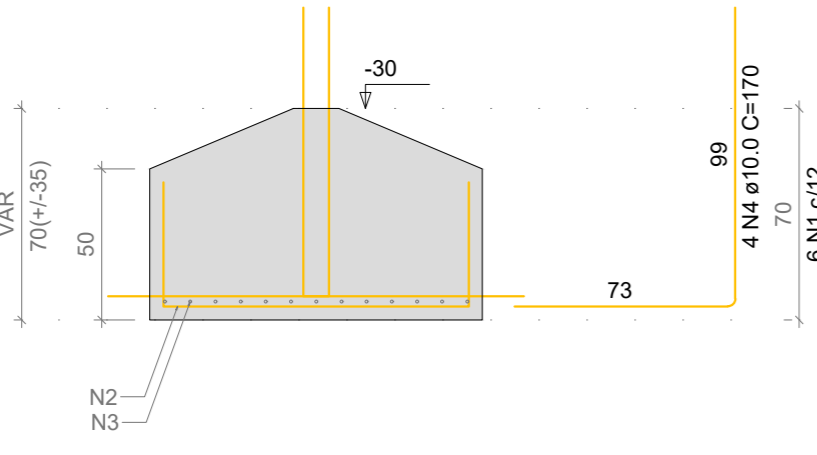


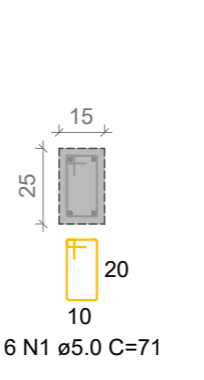
**S1**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

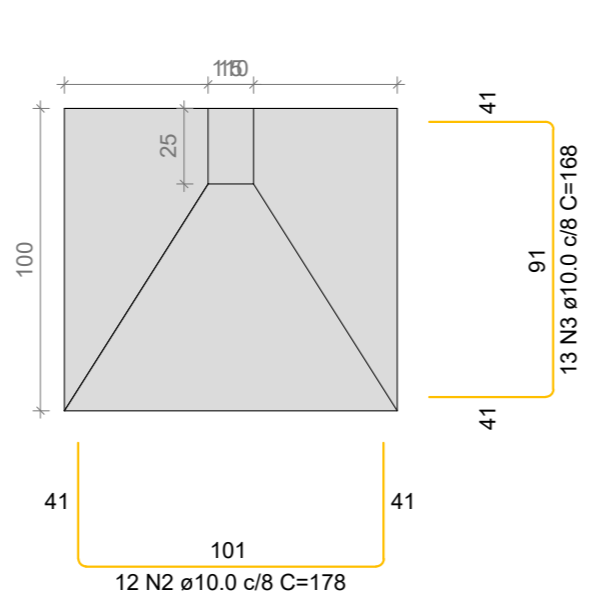


DETALHE DO PILAR  
ESC 1:25

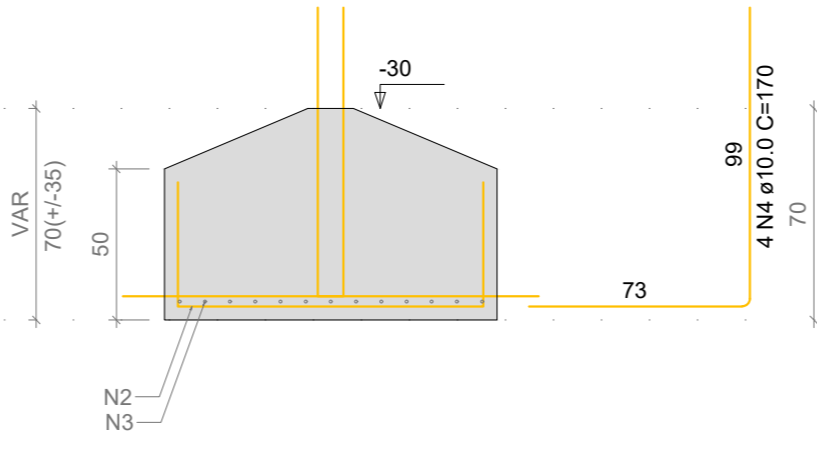


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

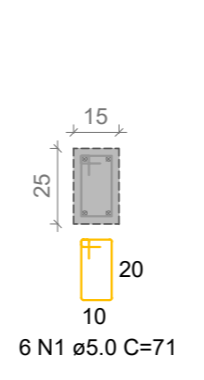
**S2**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

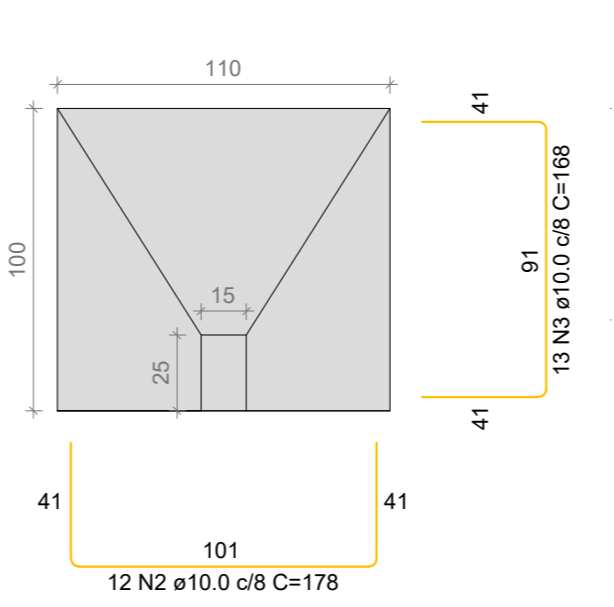


DETALHE DO PILAR  
ESC 1:25

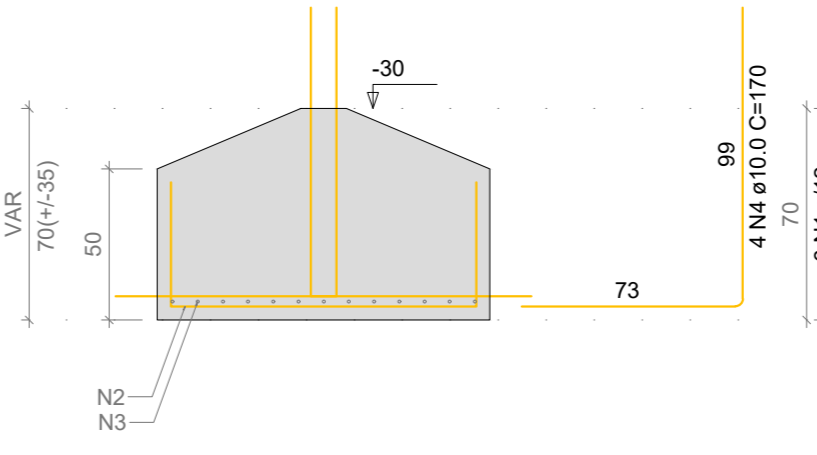


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

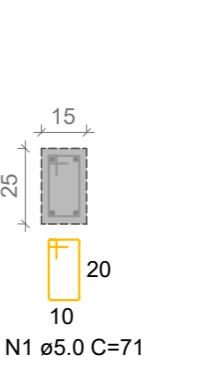
**S5**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

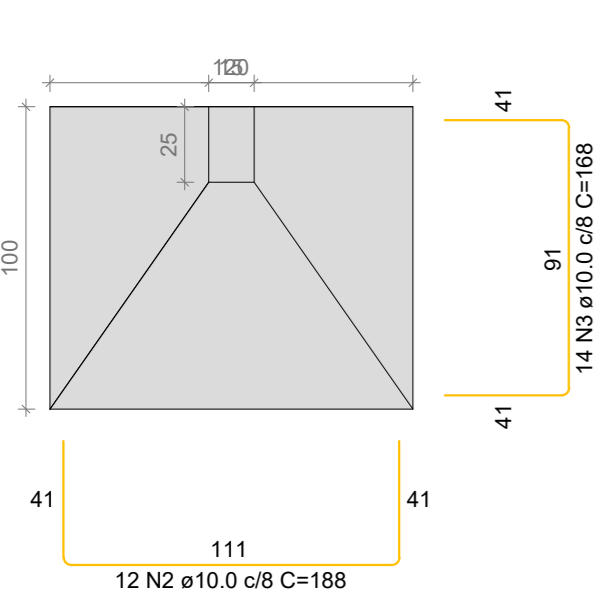


DETALHE DO PILAR  
ESC 1:25

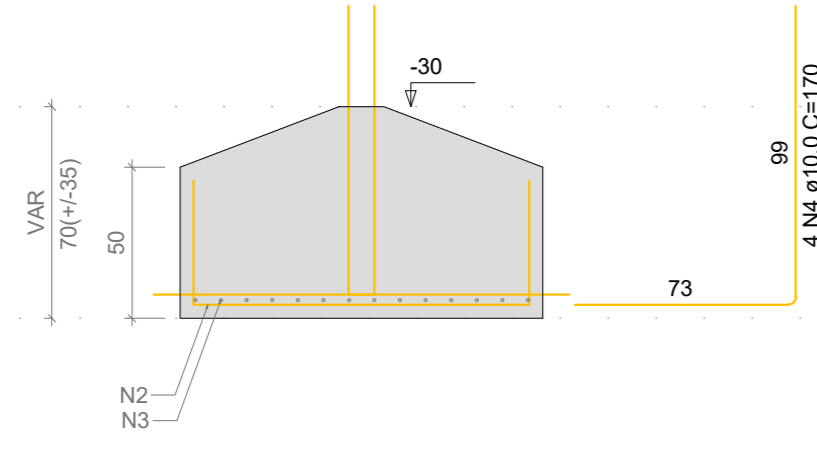


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

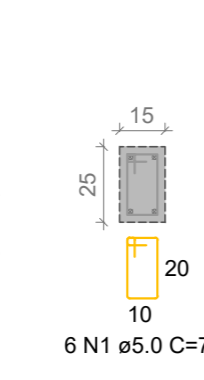
**S3**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

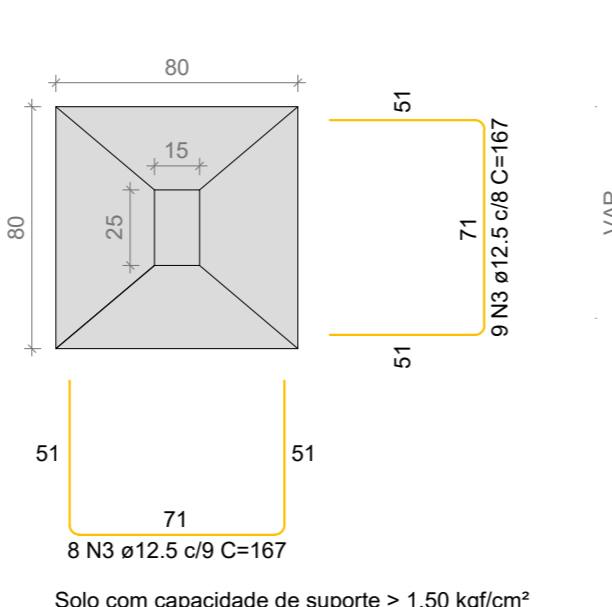


DETALHE DO PILAR  
ESC 1:25

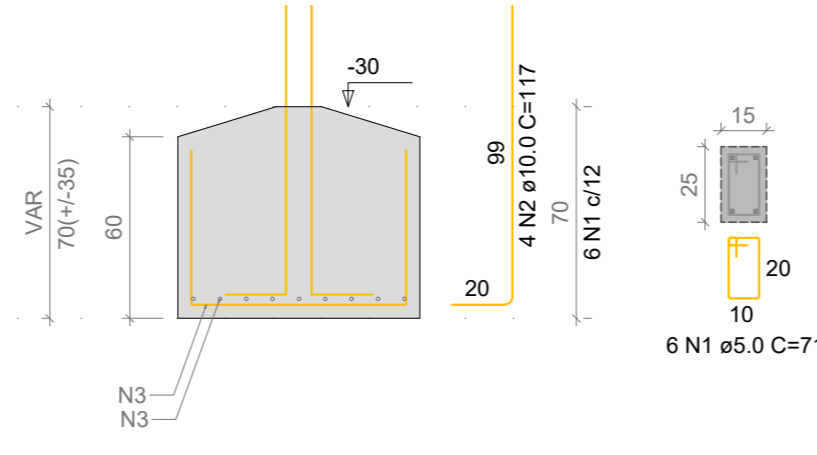


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

**S4**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

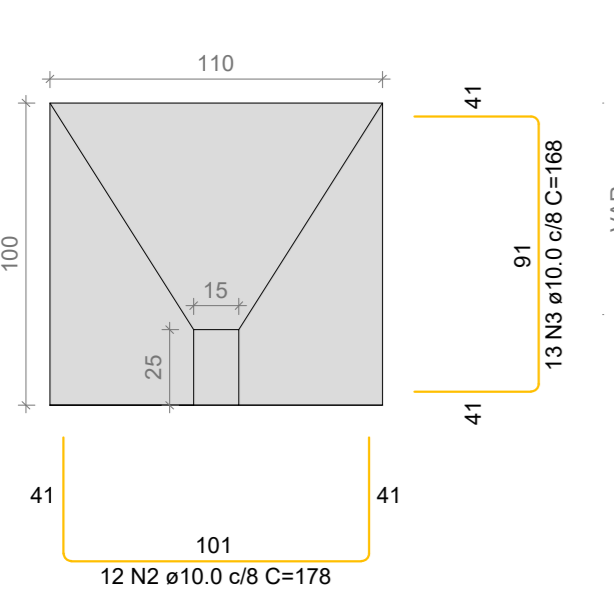


DETALHE DO PILAR  
ESC 1:25

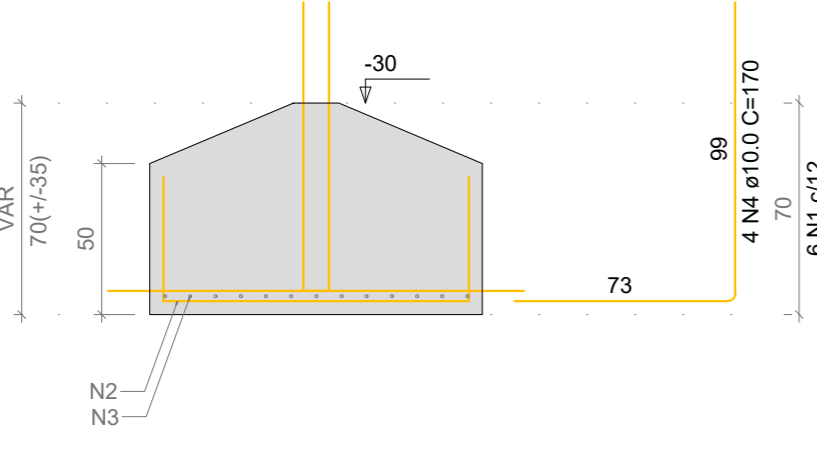


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

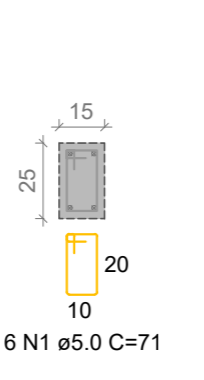
**S6**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25

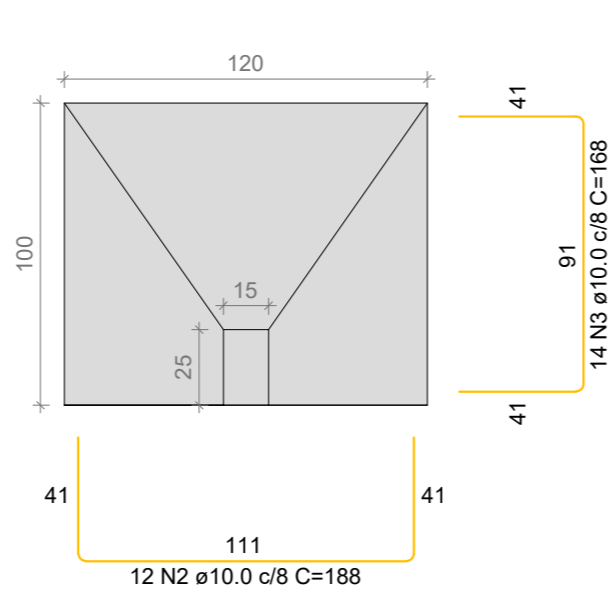


DETALHE DO PILAR  
ESC 1:25

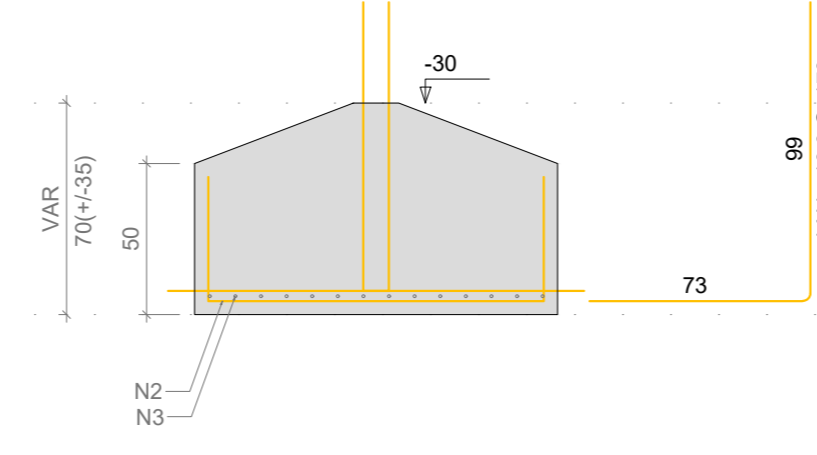


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

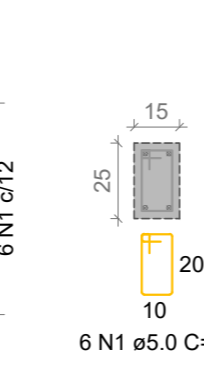
**S7**  
PLANTA  
ESC 1:25



CORTE  
ESC 1:25



DETALHE DO PILAR  
ESC 1:25



Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
S1	CA60	1	5.0	6	71	426
	CA50	2	10.0	12	178	2136
	CA50	3	10.0	13	168	2184
S2	CA60	1	5.0	6	71	426
	CA50	2	10.0	12	178	2136
	CA50	3	10.0	13	168	2184
S3	CA60	1	5.0	6	71	426
	CA50	2	10.0	12	188	2256
	CA50	3	10.0	14	168	2352
S4	CA60	1	5.0	6	71	426
	CA50	2	10.0	4	117	468
	CA50	3	12.5	17	167	2839
S5	CA60	1	5.0	6	71	426
	CA50	2	10.0	12	178	2136
	CA50	3	10.0	13	168	2184
S6	CA60	1	5.0	6	71	426
	CA50	2	10.0	4	170	680
	CA50	3	10.0	13	168	2184
S7	CA60	1	5.0	6	71	426
	CA50	2	10.0	12	188	2256
	CA50	3	10.0	14	168	2352

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	310.4	210.5
CA60	5.0	28.4	30.1
CA60	5.0	29.8	5.1
<b>PESO TOTAL (kg)</b>			
CA50		240.6	
CA60		5.1	

Volume de concreto (C-30) = 4.36 m<sup>3</sup>  
Área de forma = 14.72 m<sup>2</sup>



**PREFEITURA MUNICIPAL DE IPIUÍUNA**

RUA JOÃO ROBERTO DA SILVA, Nº 40  
BAIRRO CENTRO  
IPIUÍUNA - MG  
TELEFONE: (35) 3732 1131

ENDEREÇO: RUA PRAÇA MARIA CANDIDA FRANCO  
BAIRRO - CENTRO  
IPIUÍUNA - MG

OBRA: AMPLIAÇÃO DE CONSTRUÇÃO EM ALVENARIA

PROPRIETÁRIO: **PREFEITURA MUNICIPAL DE IPIUÍUNA**

REFERÊNCIA: PROJETO ESTRUTURAL - CONSTRUÇÃO SAPATAS

ASS. PROPRIETÁRIO  
THIAGO ZUCCON E SILVA - CREA 89993/D

DESENHISTA: XXXXX  
ÁREA TOTAL DO TERRENO: 1.403M<sup>2</sup>  
ÁREA EXISTENTE: 611.37M<sup>2</sup>  
ÁREA A CONSTRUIR: 22.75M<sup>2</sup>  
ESCALAS: INDICADAS  
DATA: MAIO 2024

PRANCHA: 02/15