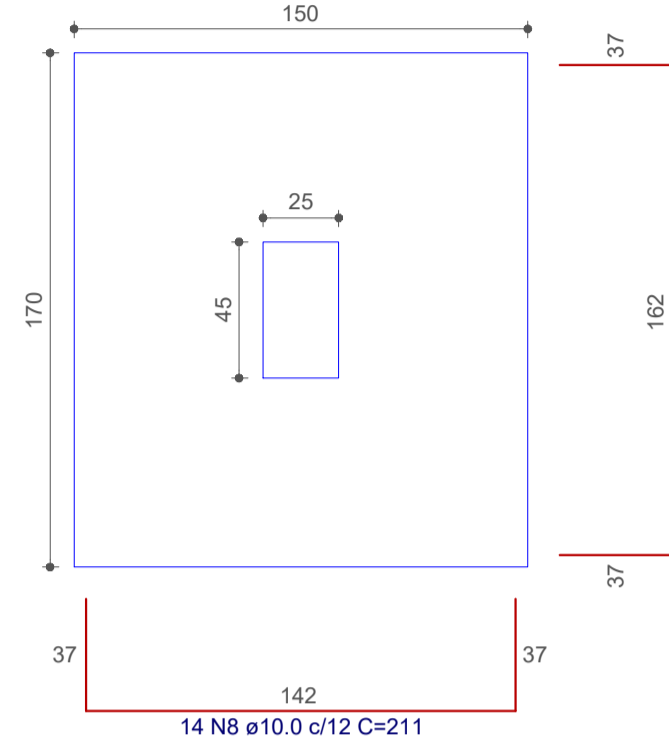
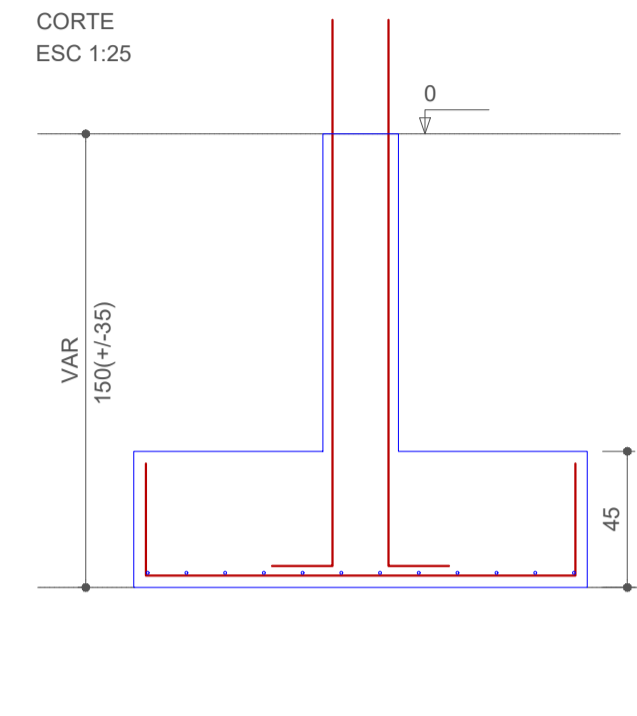


S16
PLANTA
ESC 1:25

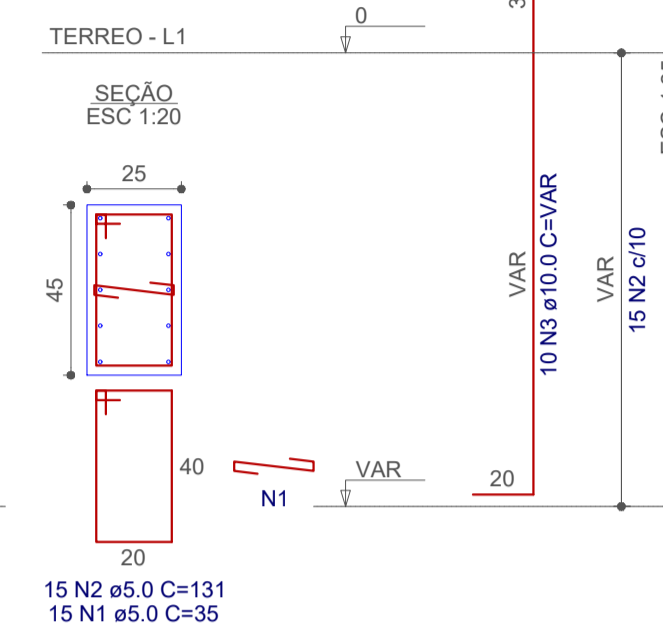


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

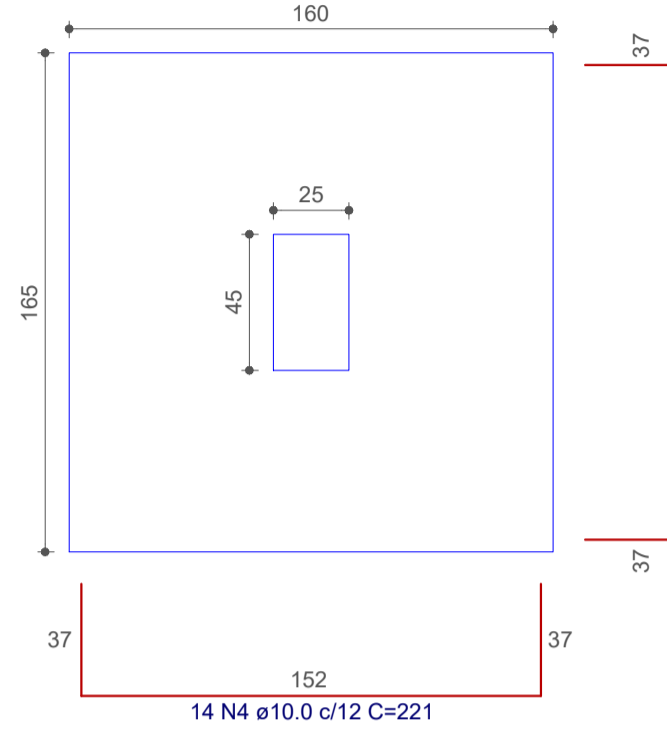
CORTE
ESC 1:25



P16

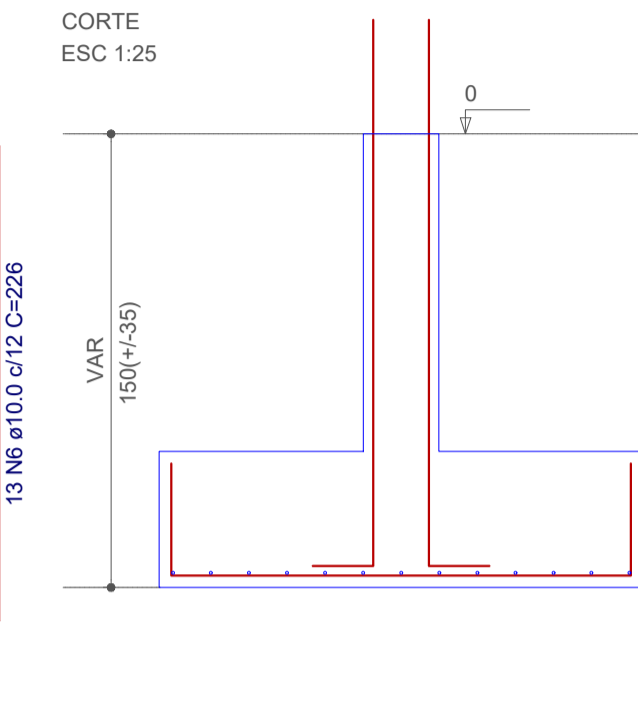


S7
PLANTA
ESC 1:25

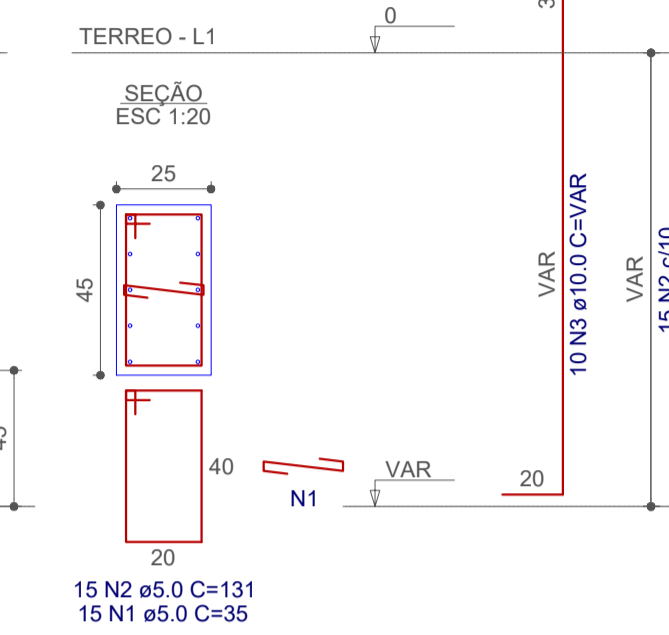


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

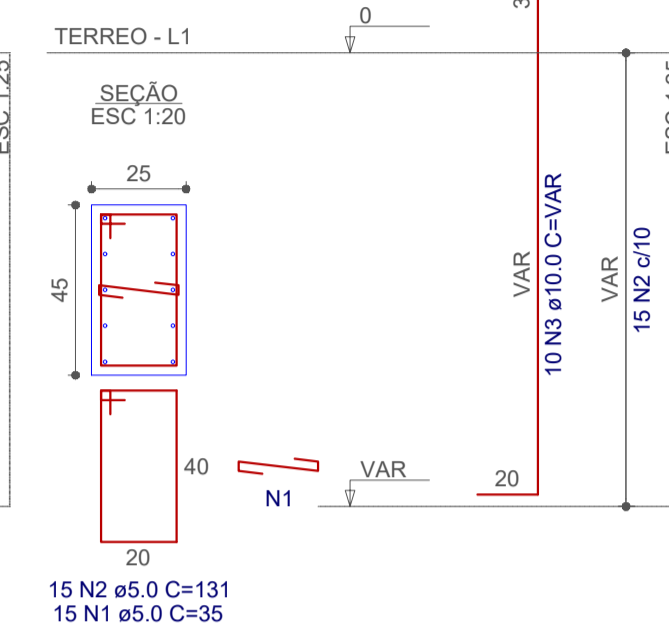
CORTE
ESC 1:25



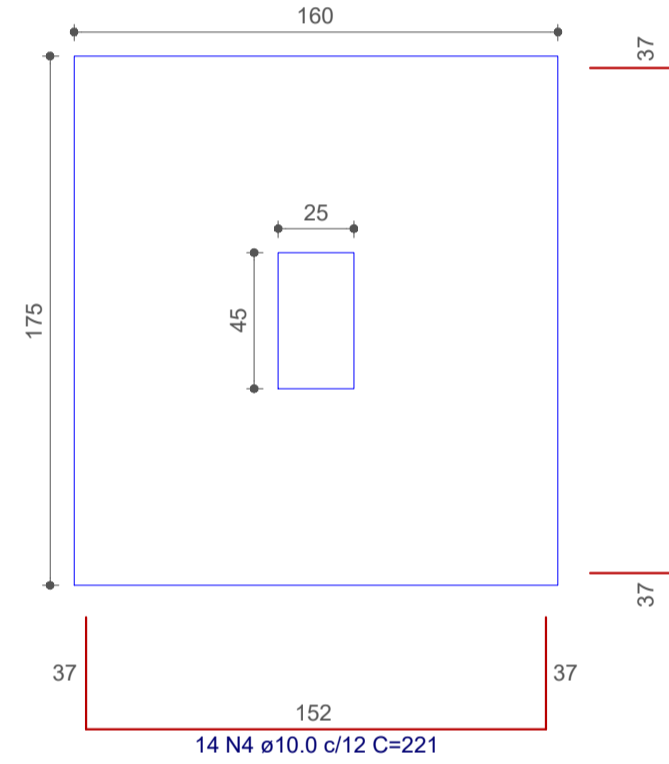
P7



**P1=P2=P3=P4=P8=P9=P10=
=P11=P15**

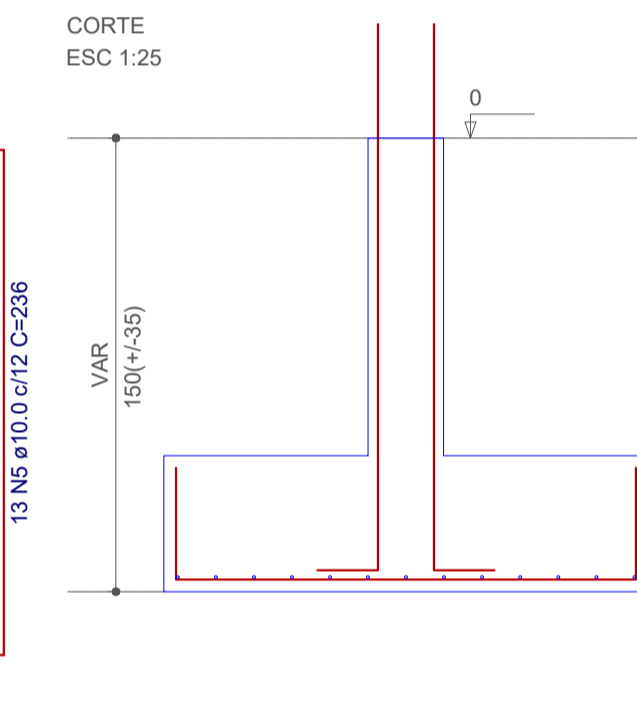


S1=S2=S3=S4=S8=S9=S10=S11=S15
PLANTA
ESC 1:25

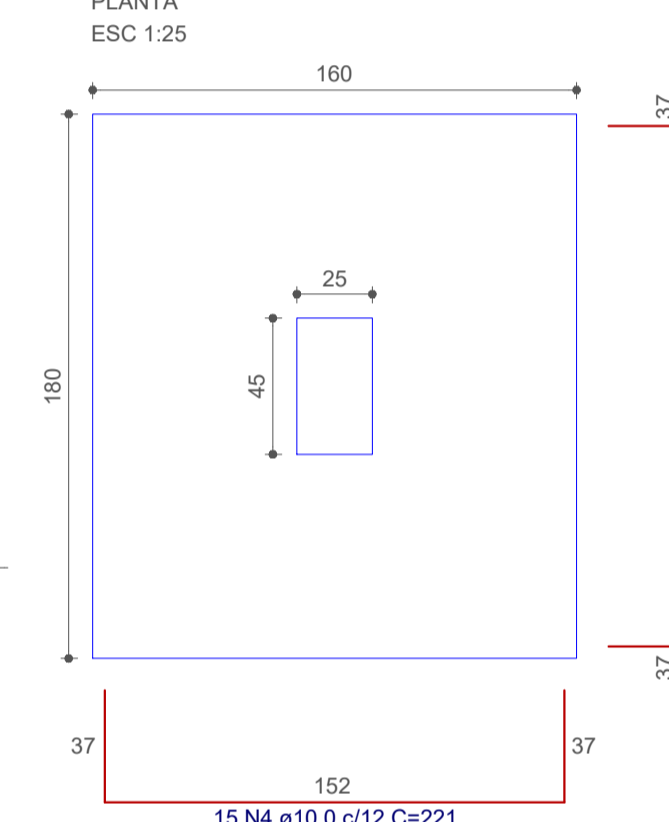


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

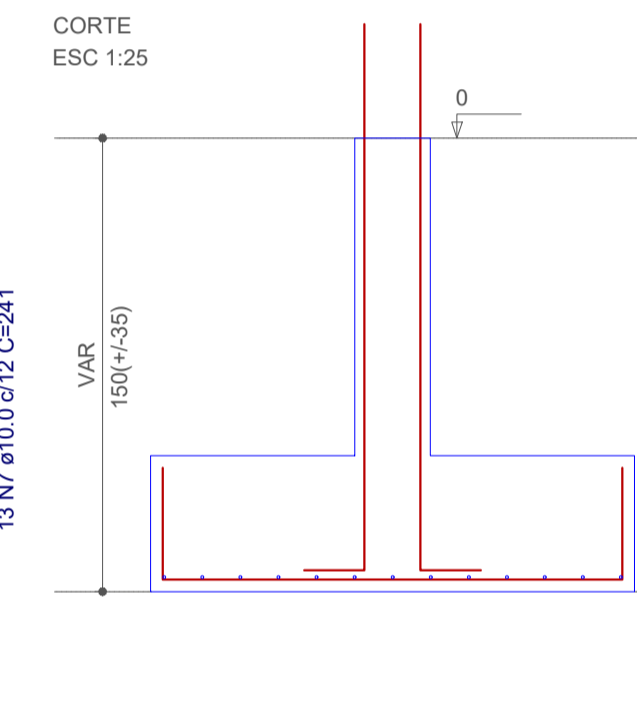


S5=S6=S12=S13=S14
PLANTA
ESC 1:25

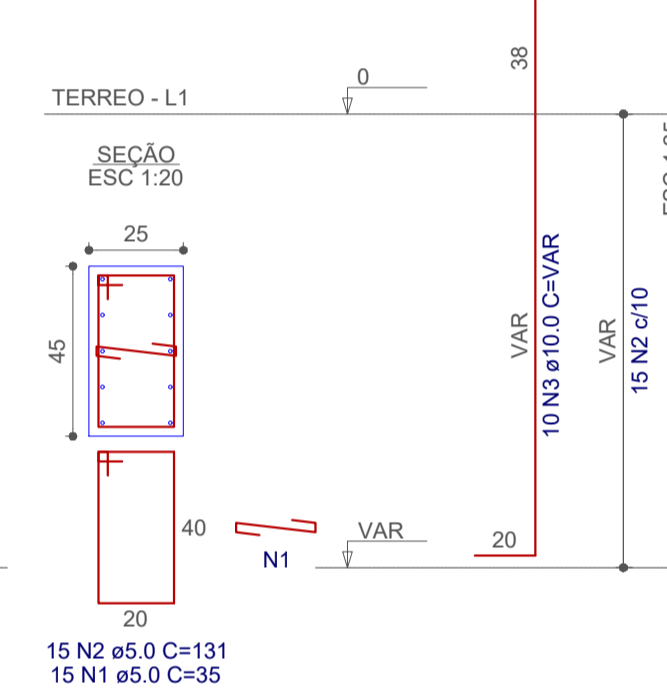


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P5=P6=P12=P13=P14



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	240	35	8400
CA50	2	5.0	240	131	31440
	3	10.0	160	VAR	VAR
	4	10.0	215	221	47515
	5	10.0	117	236	27612
	6	10.0	13	226	2938
	7	10.0	65	241	15665
	8	10.0	14	211	2954
	9	10.0	12	231	2772

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1317.8	893.7
CA60	5.0	398.4	67.5
PESO TOTAL (kg)			
CA50			893.7
CA60			67.5

Volume de concreto (C-25) = 2.70 m³
Volume de concreto (C-20) = 20.16 m³
Área de forma = 81.84 m²



PROJETO QUADRA OSVALDO CARLOS

FOLHA
03/05

JOÃO CALANDRINI DE SÁ AZEVEDO NETO
ENGENHEIRO CIVIL
CREA/PA: 1515893081

ESCALA: INDICADAS DATA: 25/10/2023 ARQUIVO: DESENHO: JOÃO CALANDRINI DE SÁ AZEVEDO NETO

CONTEÚDO: