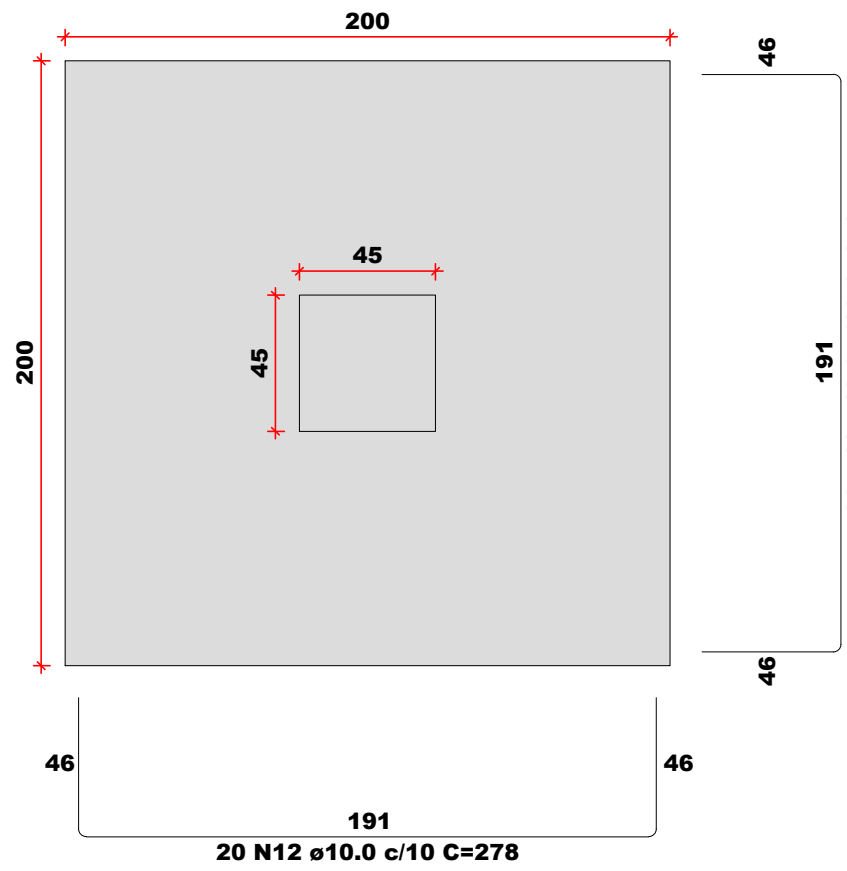
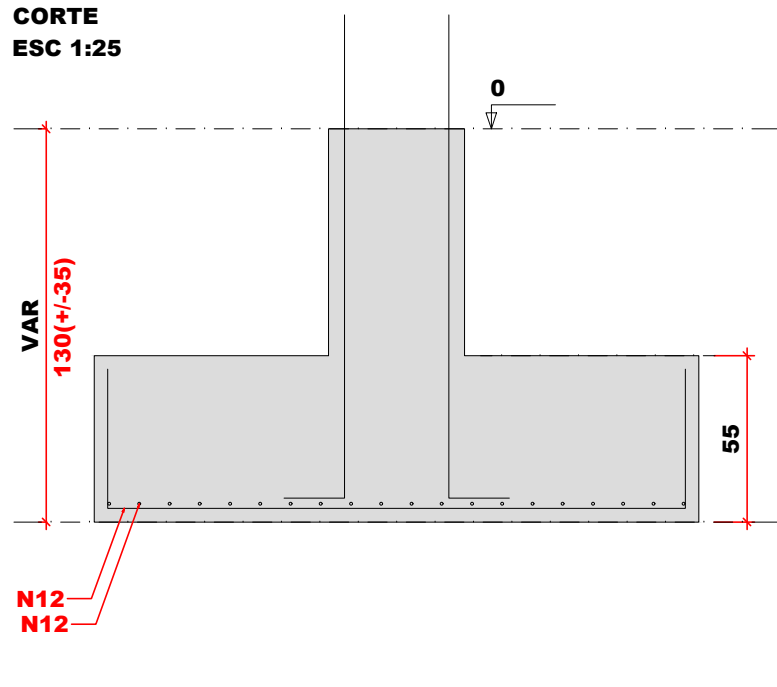


S15
PLANTA
ESC 1:25

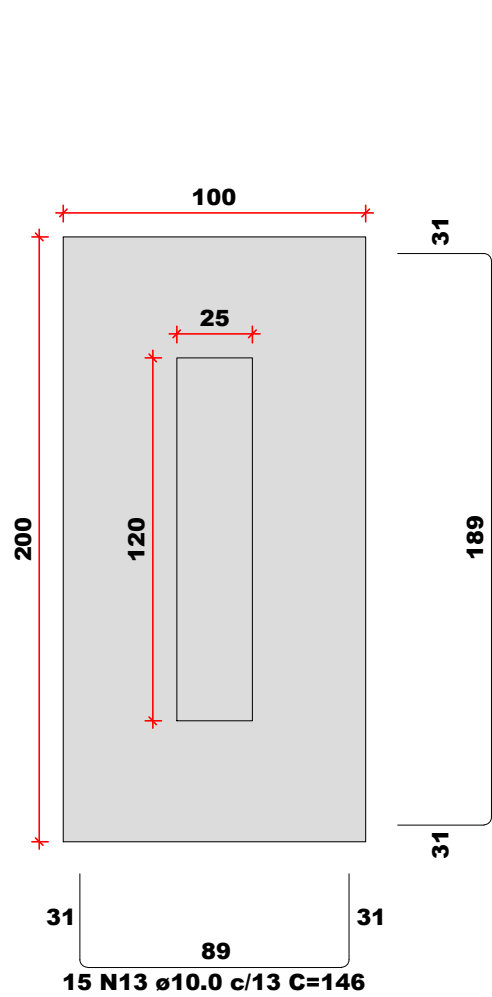


Solo com capacidade de suporte > 1.23 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1.60 tf/m³

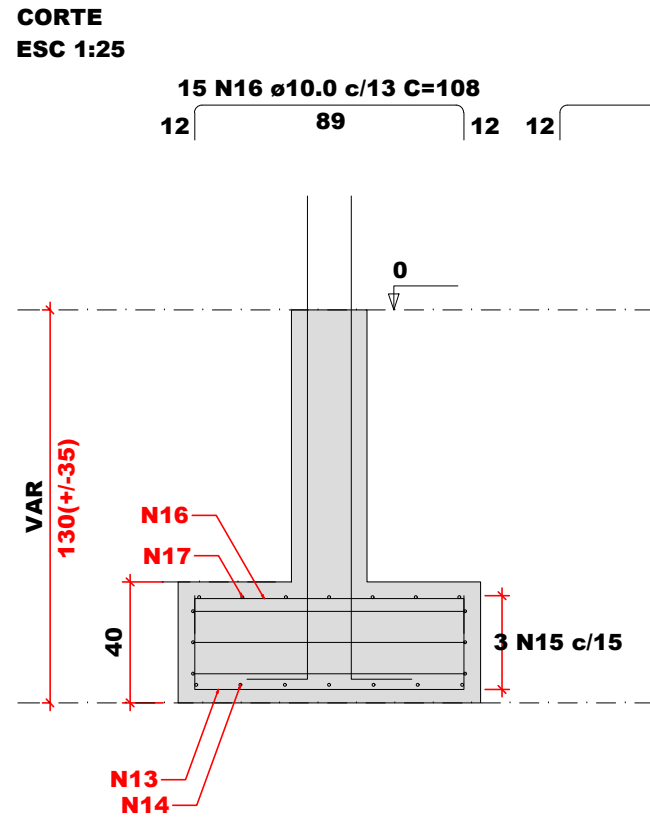
CORTE
ESC 1:25



S18=S19
PLANTA
ESC 1:25



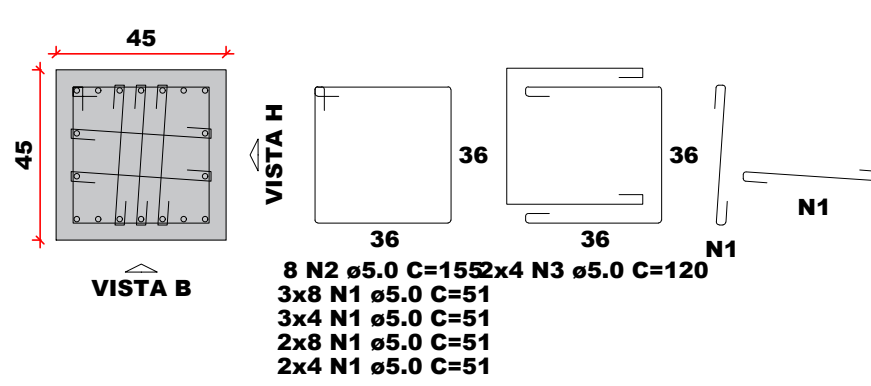
CORTE
ESC 1:25



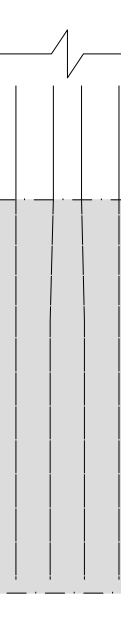
P15

FUNDAÇÕES - L1

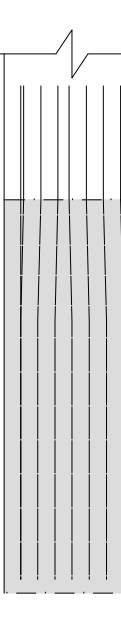
SEÇÃO
ESC 1:20



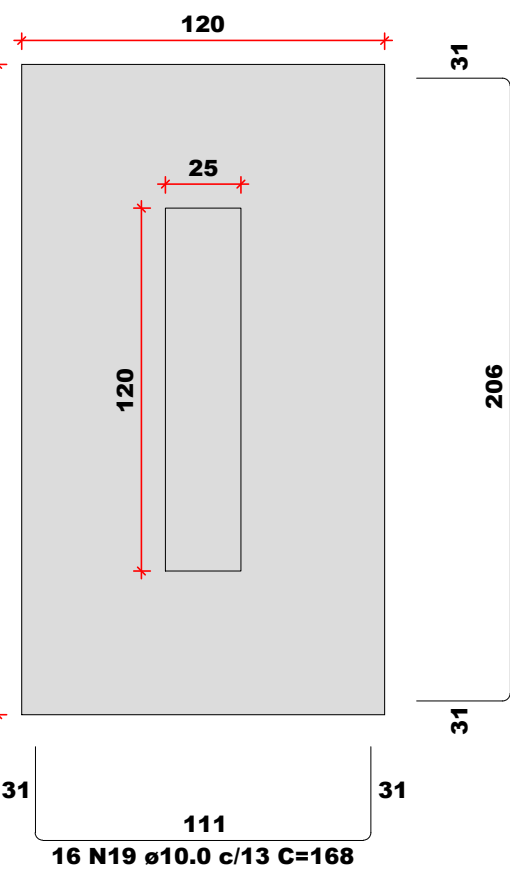
VISTA H
ESC 1:25



VISTA B
ESC 1:25

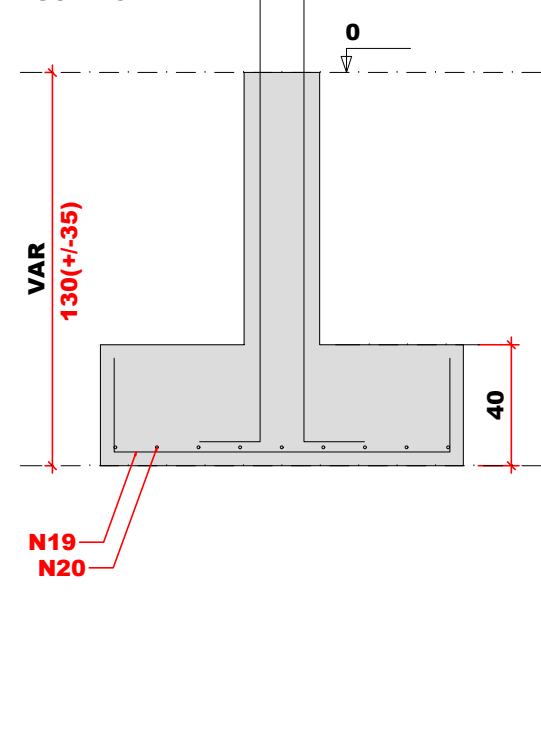


S41=S43
PLANTA
ESC 1:25



Solo com capacidade de suporte > 1.23 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1.60 tf/m³

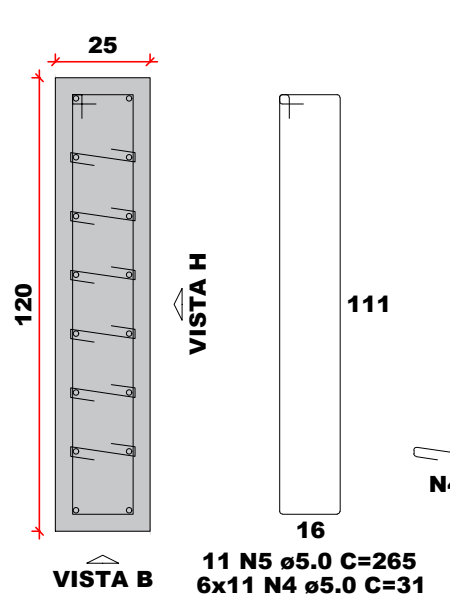
CORTE
ESC 1:25



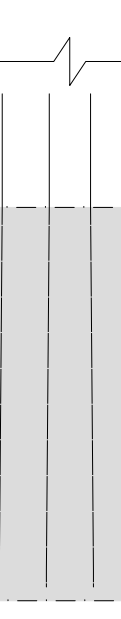
P41=P43

FUNDAÇÕES - L1

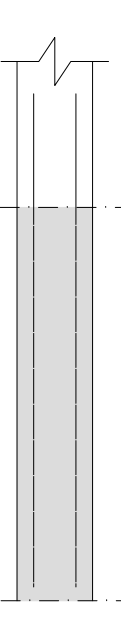
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	60	51	3060
	2	5.0	8	155	1240
	3	5.0	8	120	960
	4	5.0	264	31	8184
	5	5.0	44	265	11660
	6	5.0	48	41	1968
	7	5.0	14	115	1610
	8	5.0	20	90	1800
	9	5.0	28	95	2660
	10	5.0	40	75	3000
CA50	11	10.0	184	182	33488
	12	10.0	40	278	11120
	13	10.0	30	146	4380
	14	10.0	14	246	3444
	15	10.0	6	577	3462
	16	10.0	30	108	3240
	17	10.0	14	208	2912
	18	10.0	156	223	34788
	19	10.0	32	168	5376
	20	10.0	18	263	4734

RESUMO DO AÇO

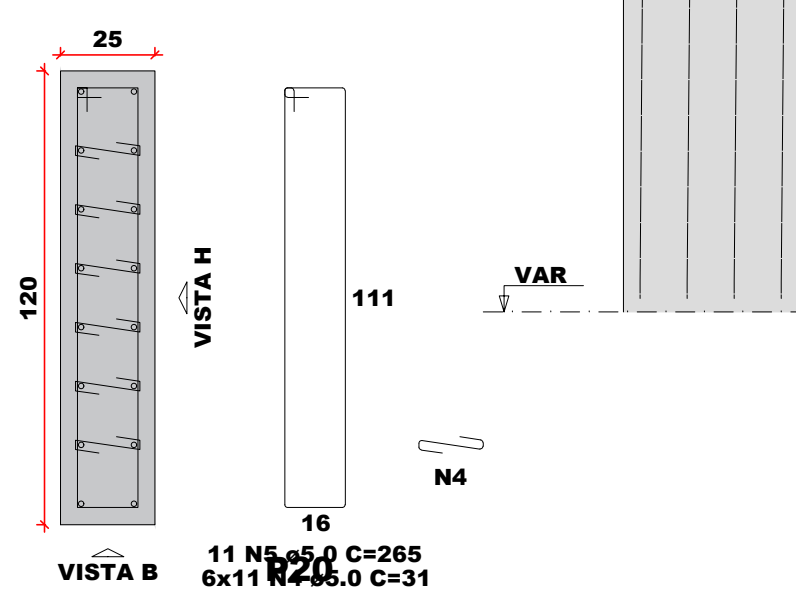
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1069.4	725.3
CA60	5.0	361.4	61.3
PESO TOTAL (kg)			
CA50		725.3	
CA60		61.3	

Volume de concreto (C-25) = 14.96 m³
Área de forma = 50.63 m²

P18=P19

FUNDAÇÕES - L1

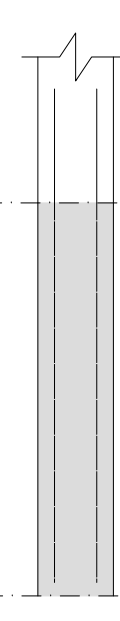
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



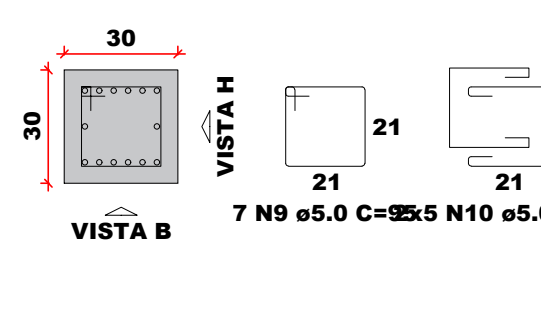
VISTA B
ESC 1:25



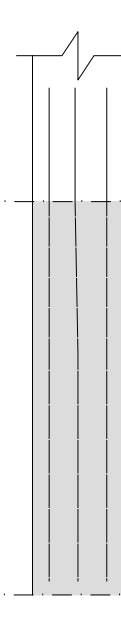
P21=P32

FUNDAÇÕES - L1

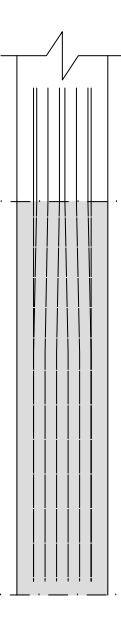
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

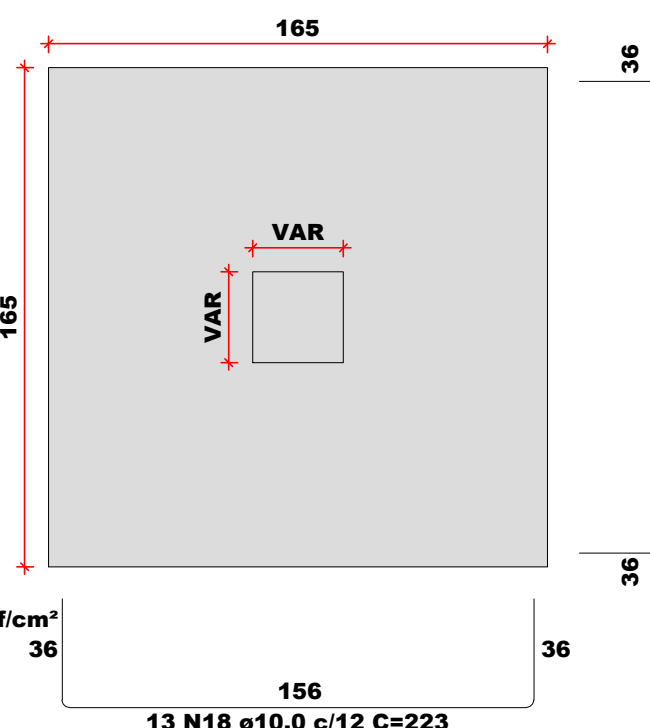


VISTA B
ESC 1:25

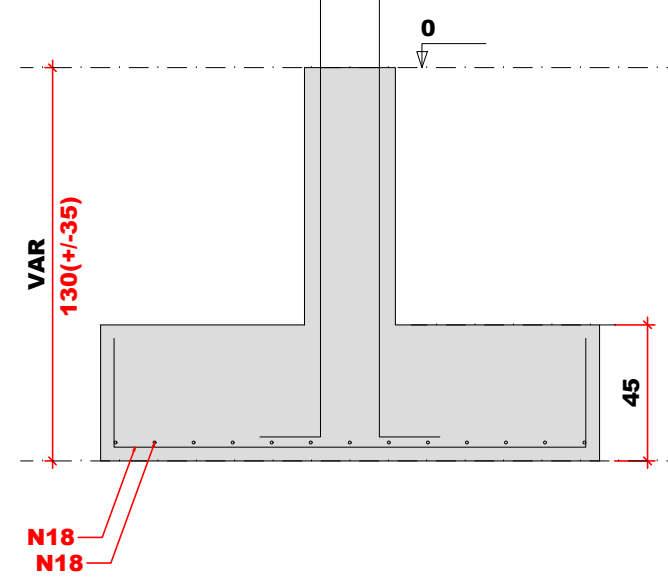


S20=S21=S26=S27=S32=S42

PLANTA
ESC 1:25



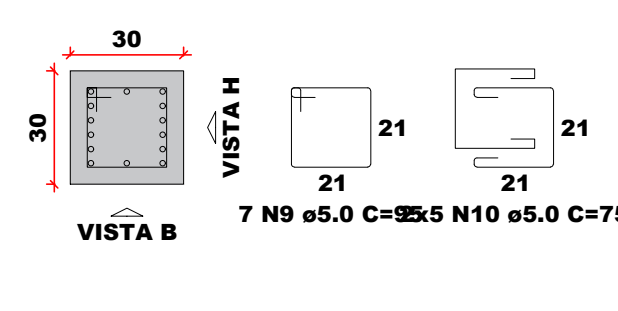
CORTE
ESC 1:25



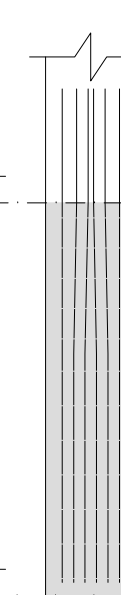
P26

FUNDAÇÕES - L1

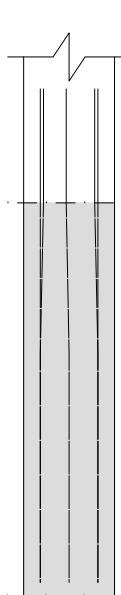
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



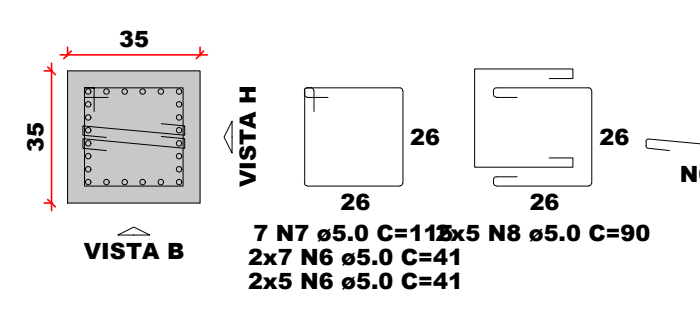
VISTA B
ESC 1:25



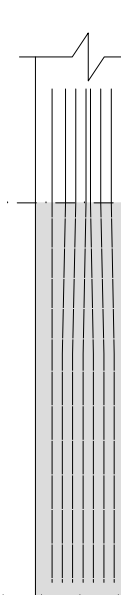
P27

FUNDAÇÕES - L1

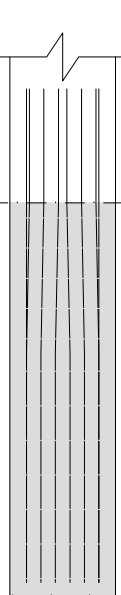
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



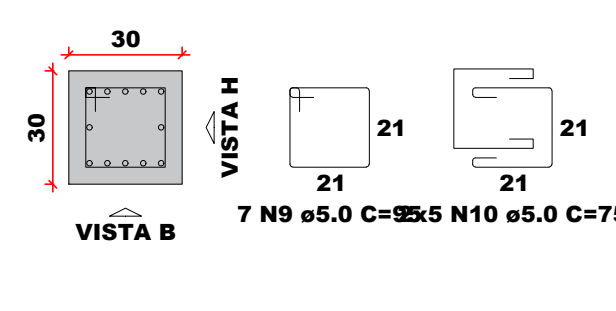
VISTA B
ESC 1:25



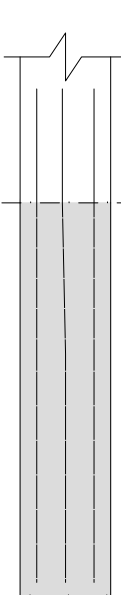
P42

FUNDAÇÕES - L1

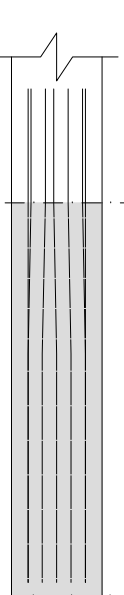
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25



PROJETO ESTRUTURAL PRAÇA DA FAMÍLIA

Endereço: ARAME-MA

Escala: Como Indicado

Autor Projeto

Eng.º José Amilton Souza do Nascimento Júnior CREA/MA - 1122633386

Data: 15/09/2025

CONTEÚDO:

DET. ARMADRUAS DAS FUNAÇÕES

FOLHA:

06/16