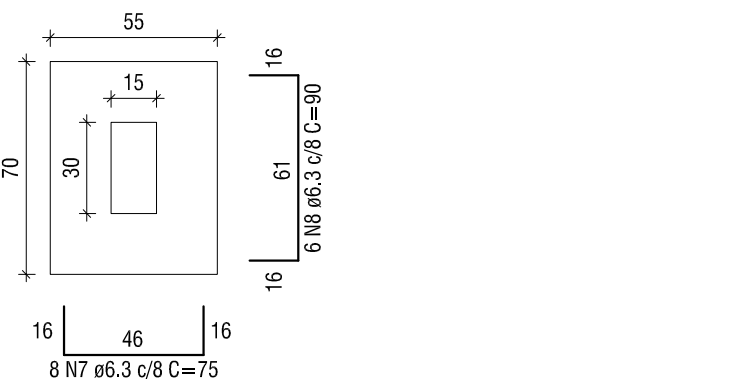


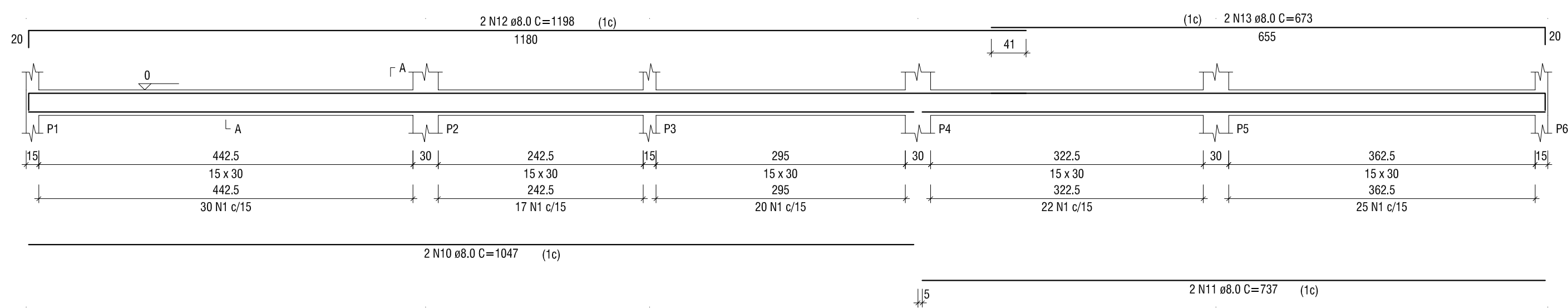
S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12  
=S13=S14=S15=S16=S17=S18

PLANTA  
ESC 1:25

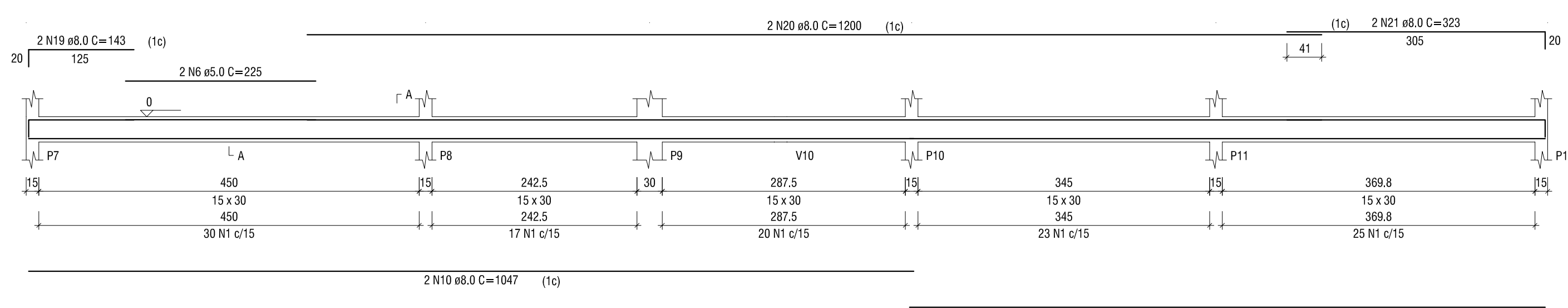


Solo com capacidade de suporte > 1.50 kgf/cm²  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m³

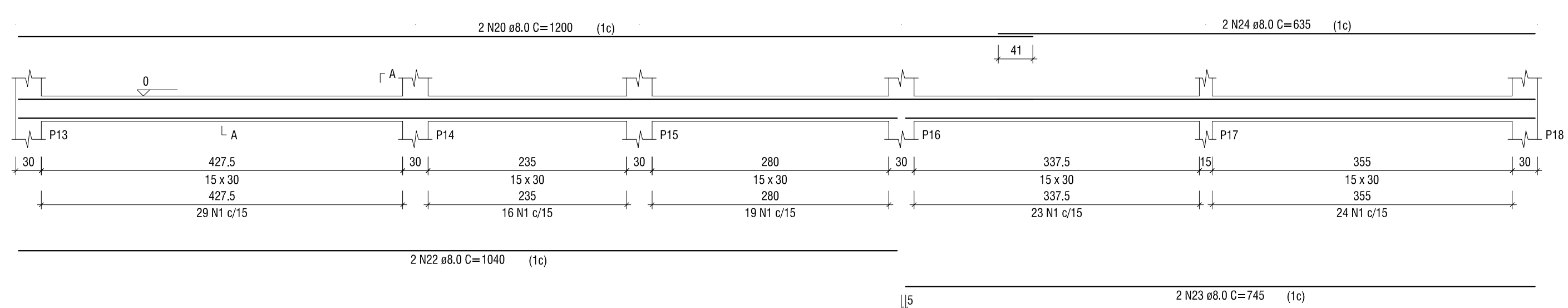
V1  
ESC 1:50



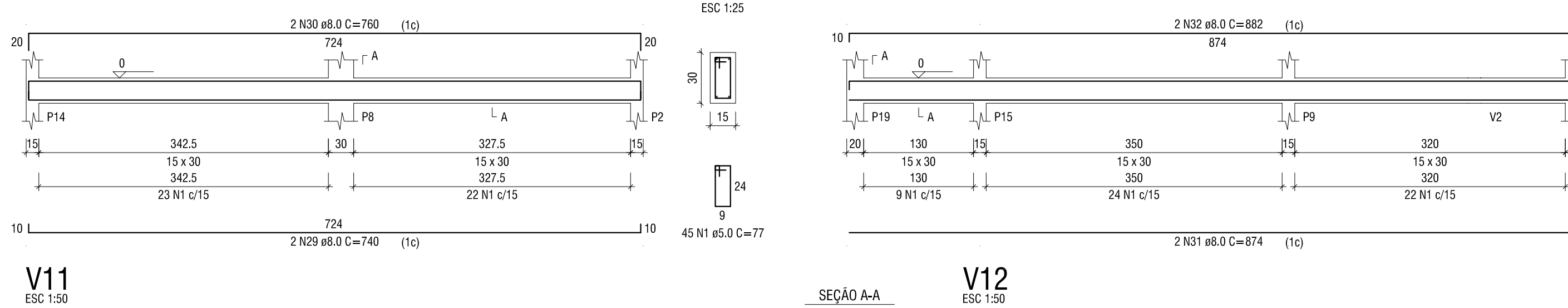
V4  
ESC 1:50



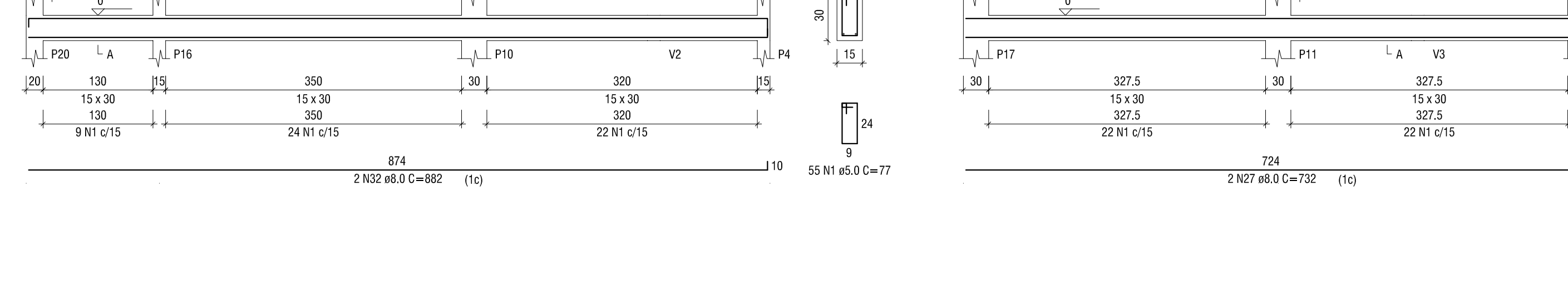
V5  
ESC 1:50



V8  
ESC 1:50

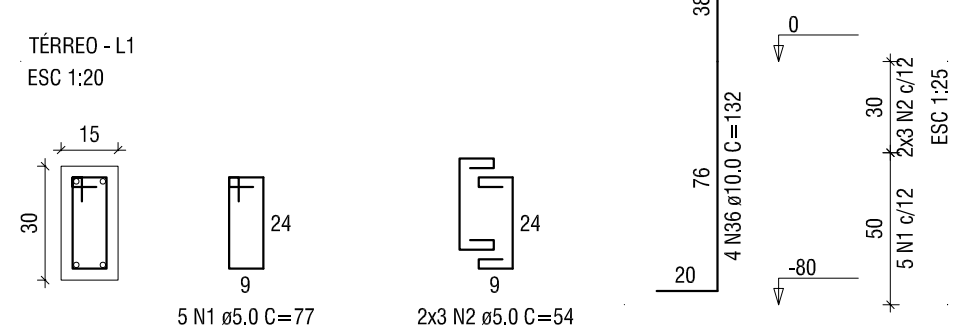


V11  
ESC 1:50



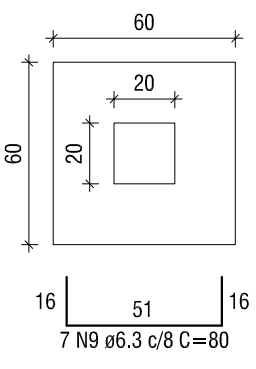
P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12=  
=P13=P14=P15=P16=P17=P18

TERREO - L1  
ESC 1:20



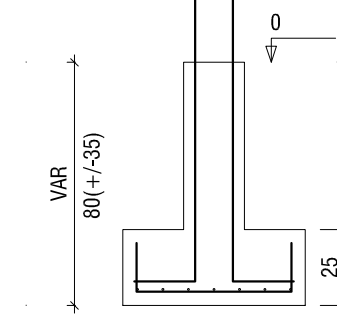
S19=S20

PLANTA  
ESC 1:25



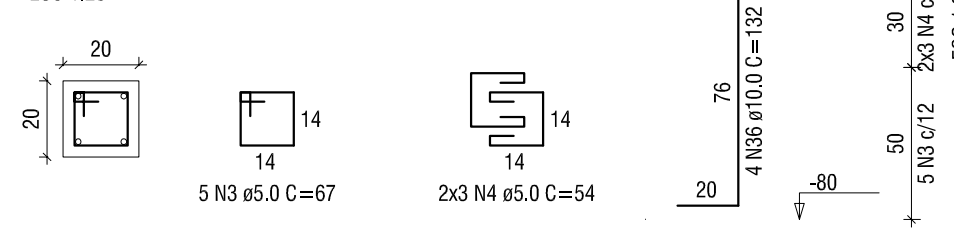
Solo com capacidade de suporte > 1.50 kgf/cm²  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m³

CORTE  
ESC 1:25

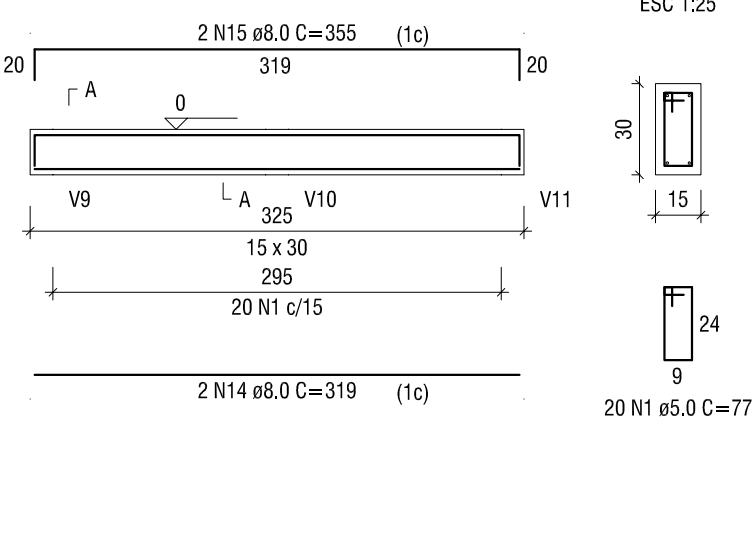


P19=P20

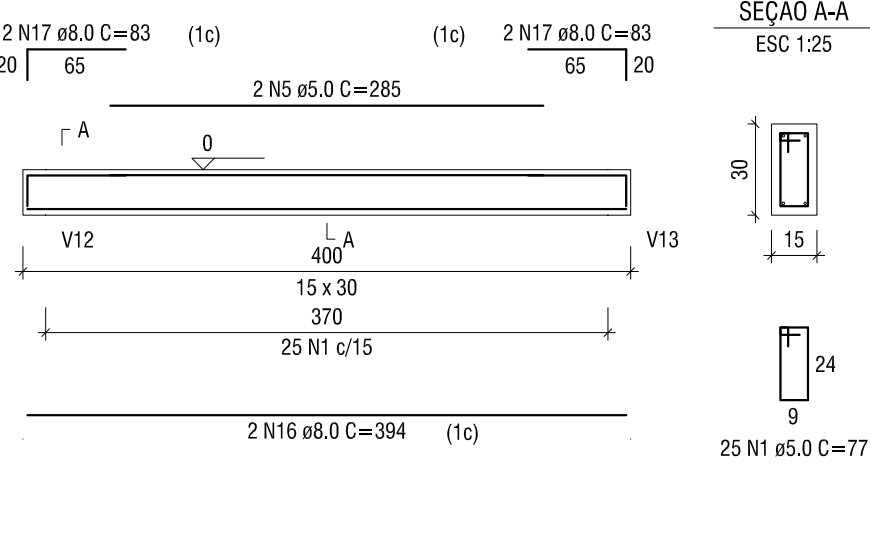
TERREO - L1  
ESC 1:20



V2  
ESC 1:50



V3  
ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	796	77	61292
	2	5.0	108	54	5832
	3	5.0	10	67	670
	4	5.0	12	54	648
	5	5.0	2	285	570
	6	5.0	2	225	450
CA50	7	6.3	144	75	10800
	8	6.3	108	90	9720
	9	6.3	28	80	2240
	10	8.0	4	1047	4188
	11	8.0	2	737	1474
	12	8.0	2	1198	2396
	13	8.0	2	673	1346
	14	8.0	2	319	638
	15	8.0	2	355	710
	16	8.0	2	394	788
	17	8.0	4	83	332
	18	8.0	2	752	1504
	19	8.0	2	143	286
	20	8.0	4	1200	4800
	21	8.0	2	323	646
	22	8.0	2	1040	2080
	23	8.0	2	745	1490
	24	8.0	2	635	1270
	25	8.0	2	322	644
	26	8.0	2	338	676
	27	8.0	6	732	4392
	28	8.0	6	742	4452
	29	8.0	2	740	1480
	30	8.0	2	760	1520
	31	8.0	2	874	1748
	32	8.0	4	882	3528
	33	8.0	2	237	474
	34	8.0	2	269	538
	35	8.0	2	900	1800
	36	10.0	80	132	10560

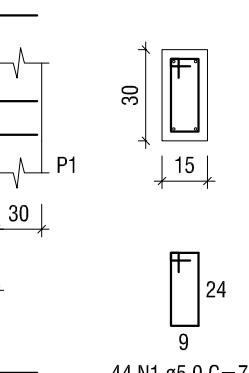
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	6.3	227.6	20	12 m	58.5
	8.0	452	40	12 m	187.3
CA60	5.0	105.6	10	12 m	68.4
	5.0	694.6	61	12 m	112.4

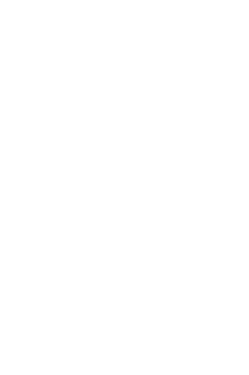
PESO TOTAL (kg)	
CA50	314.1
CA60	112.4

Volume de concreto (C-25) = 7.74 m³  
Área de forma = 111.94 m²

SEÇÃO A-A  
ESC 1:25



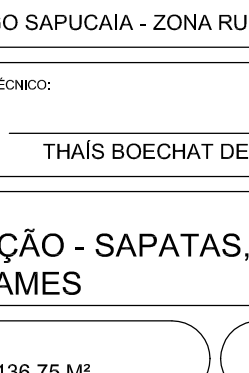
SEÇÃO A-A  
ESC 1:25



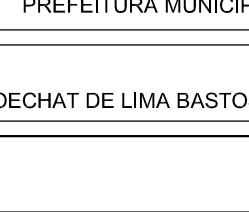
SEÇÃO A-A  
ESC 1:25



SEÇÃO A-A  
ESC 1:25



SEÇÃO A-A  
ESC 1:25



## Projeto Estrutural

OBRA:  
**Construção da Escola Municipal Hermenegildo**

ENDEREÇO:  
CÓRREGO SAPUCAIA - ZONA RURAL - LAJINHA/MS

RESPONSÁVEL TÉCNICO:  
THAÍS BOECHAT DE LIMA BASTOS

CREA: 212.895/D

CONTEÚDO:  
**FUNDAÇÃO - SAPATAS, PILAR DE ARRANQUE E VIGAS BALDRAMES**

ÁREA DA OBRA:

136,75 M²

ÁREA DO TERRENO:

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE LAJINHA

DESENHO:

THAÍS BOECHAT DE LIMA BASTOS

DATA:

05/2024