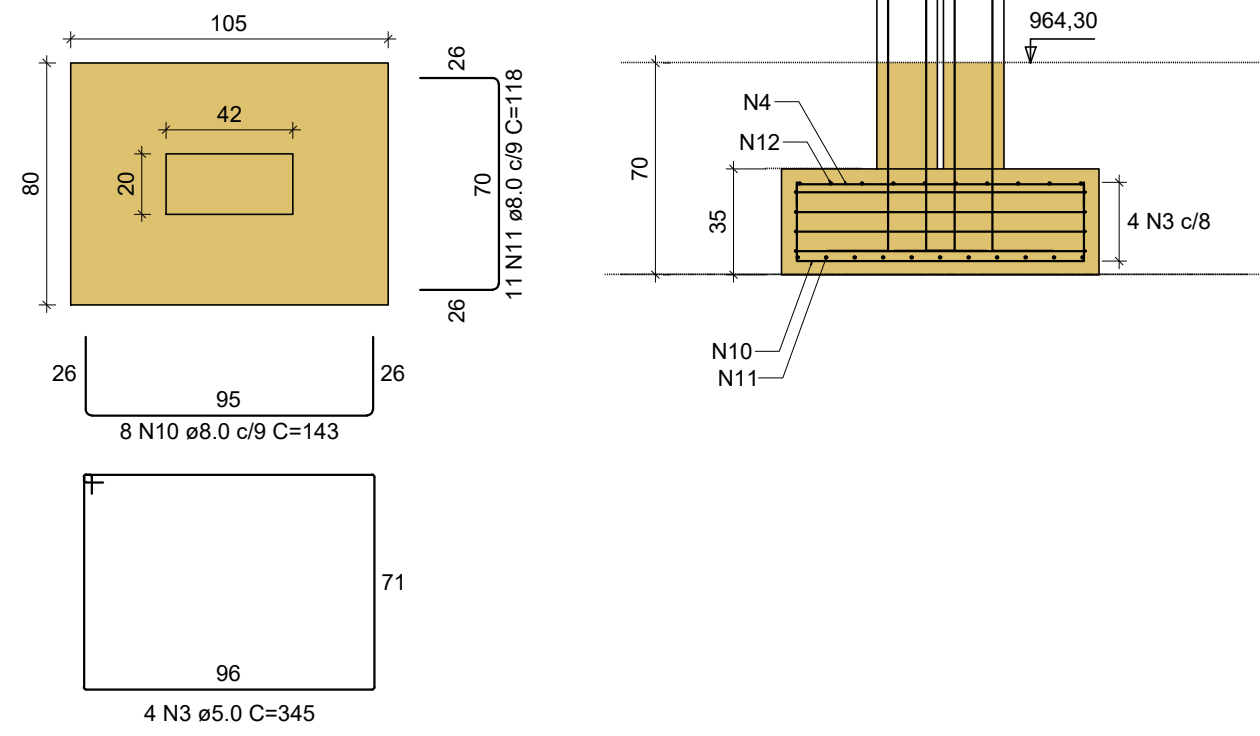
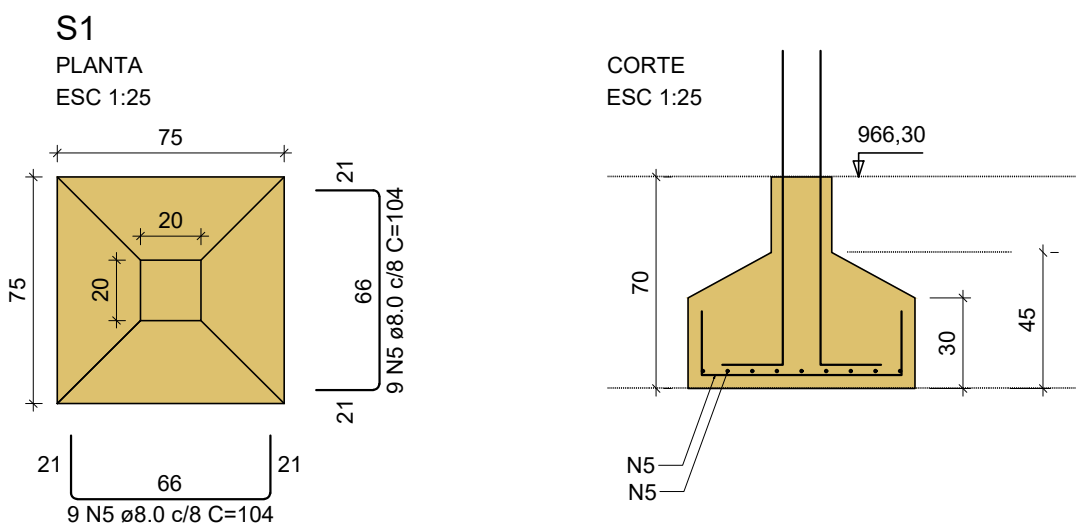


S51=52
PLANTA
ESC 1:25



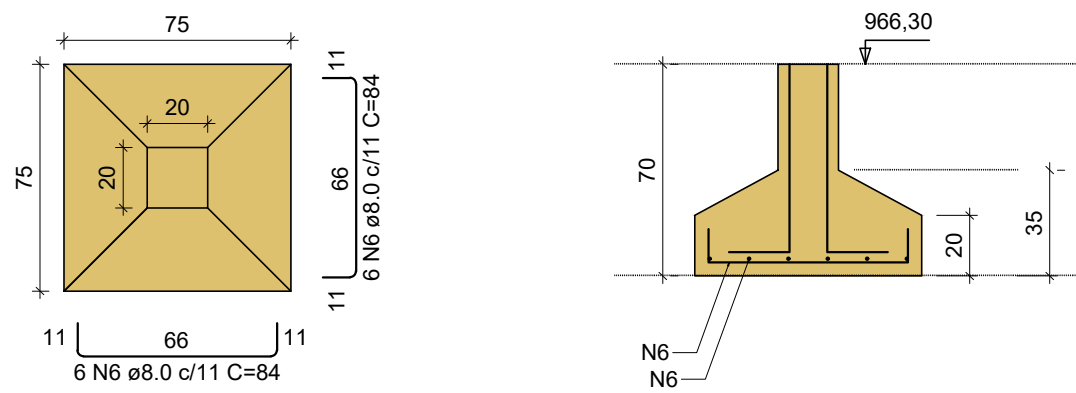
Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S57=58
PLANTA
ESC 1:25



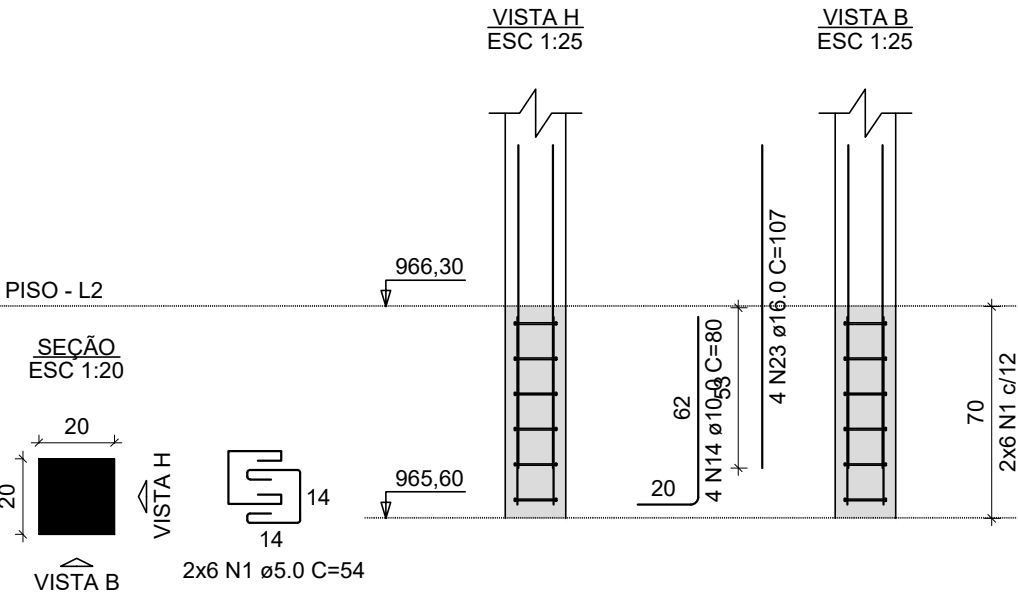
Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S3=S10=S12=S17=S23=S36
PLANTA
ESC 1:25

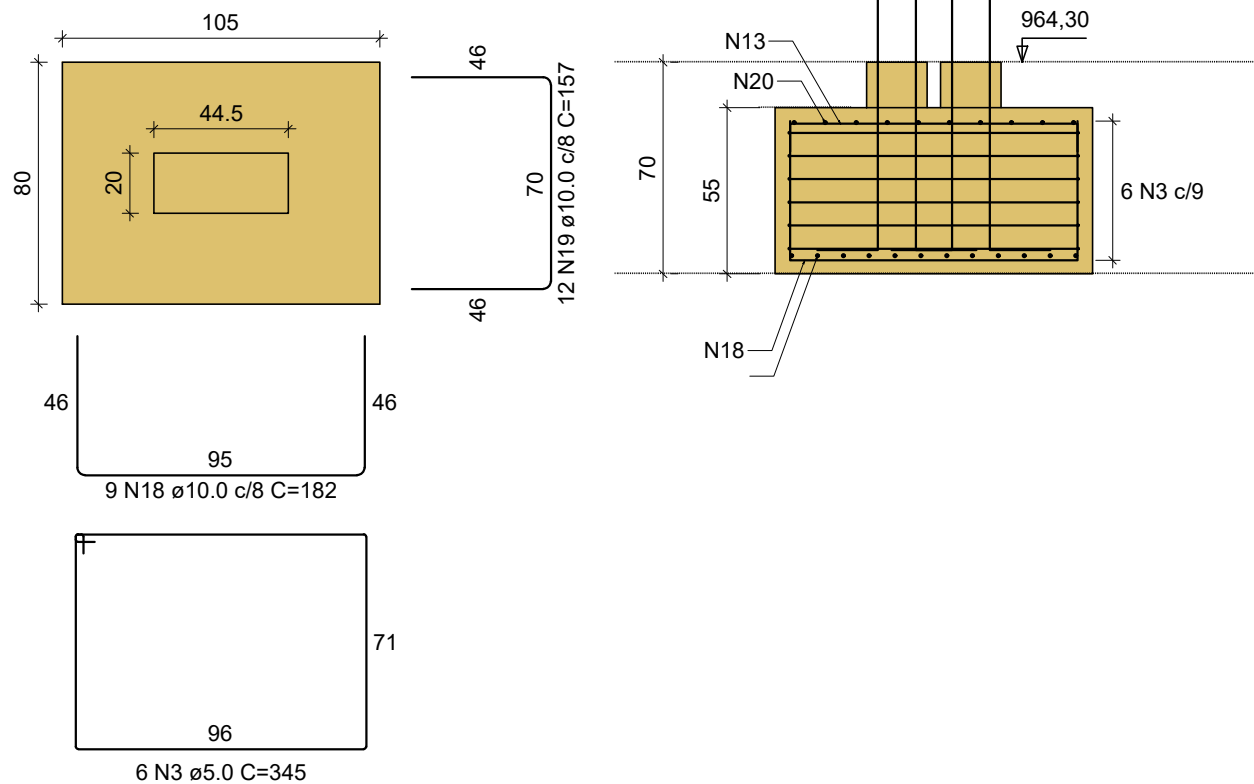
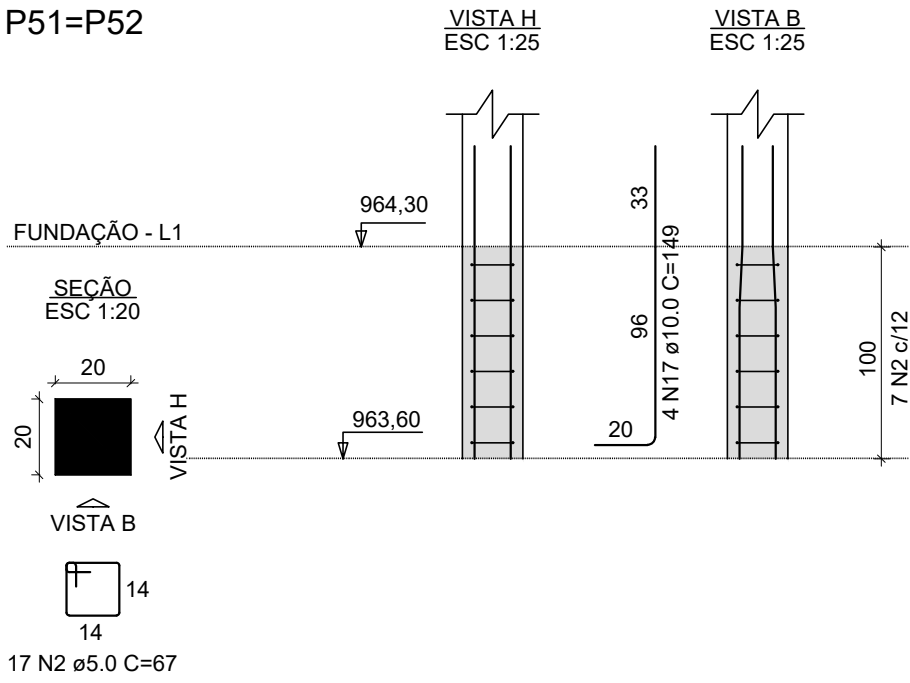


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P4=P16=P18=P29=P31

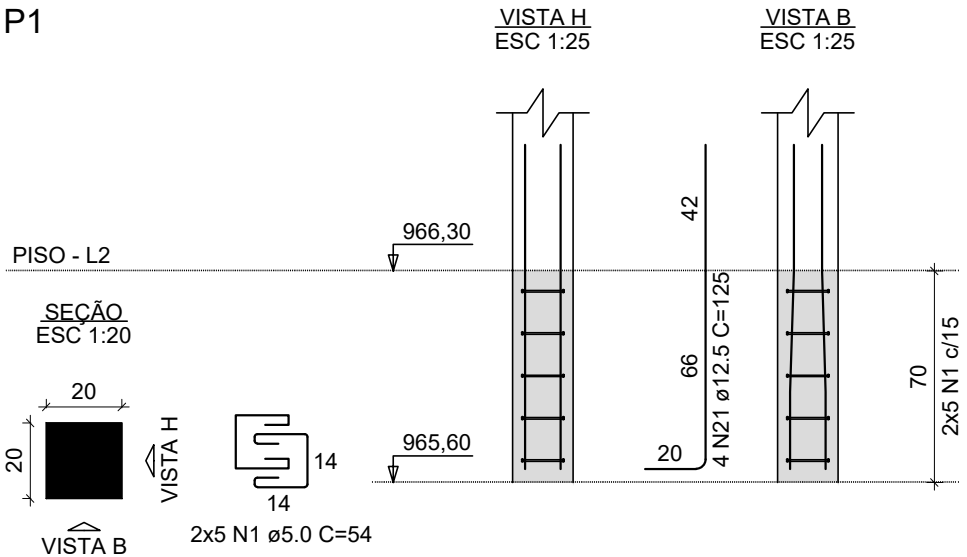


P51=P52

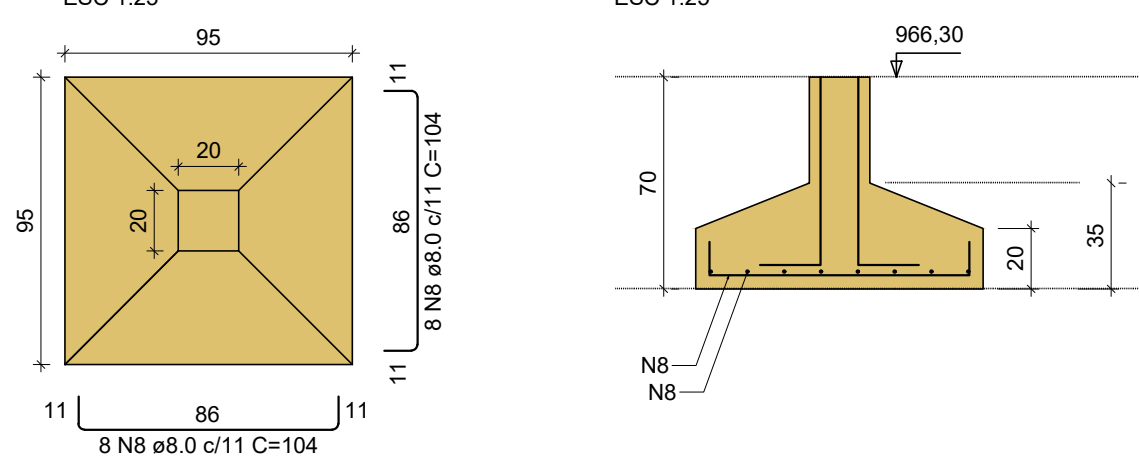


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1

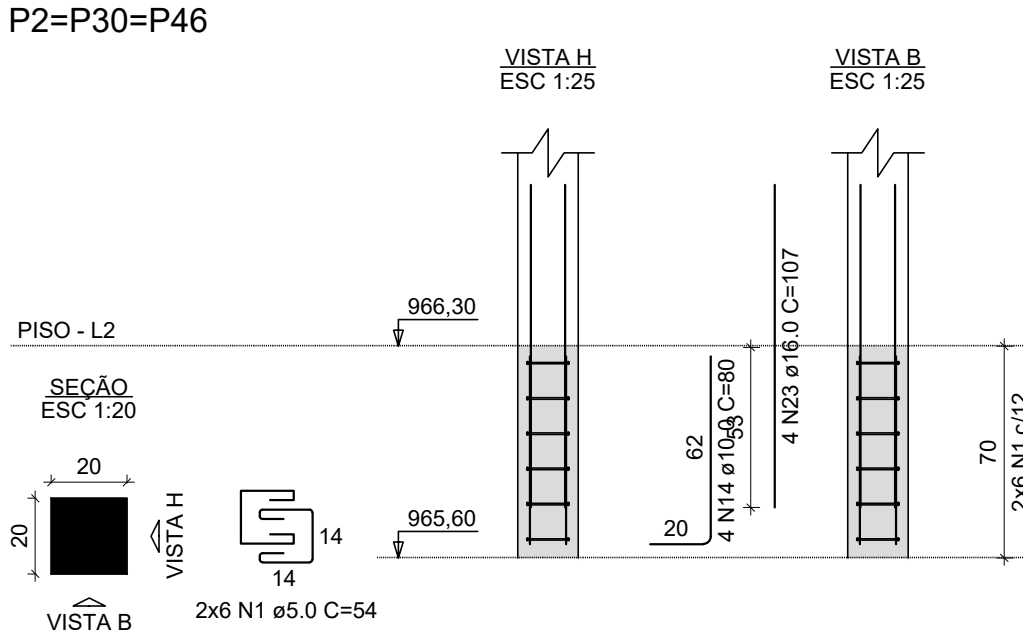


S2=S30=S46
PLANTA
ESC 1:25

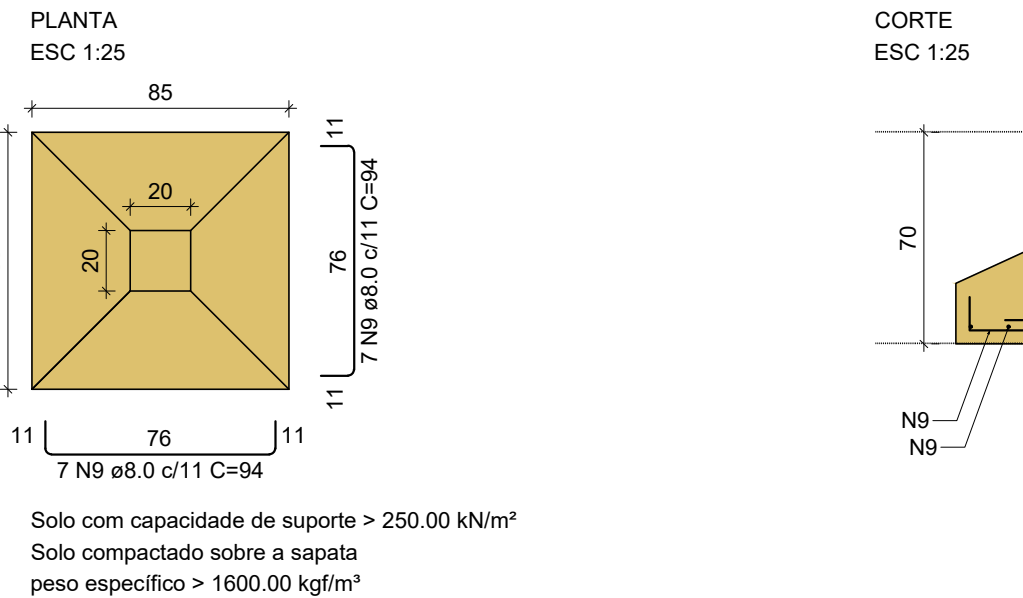


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2=P30=P46

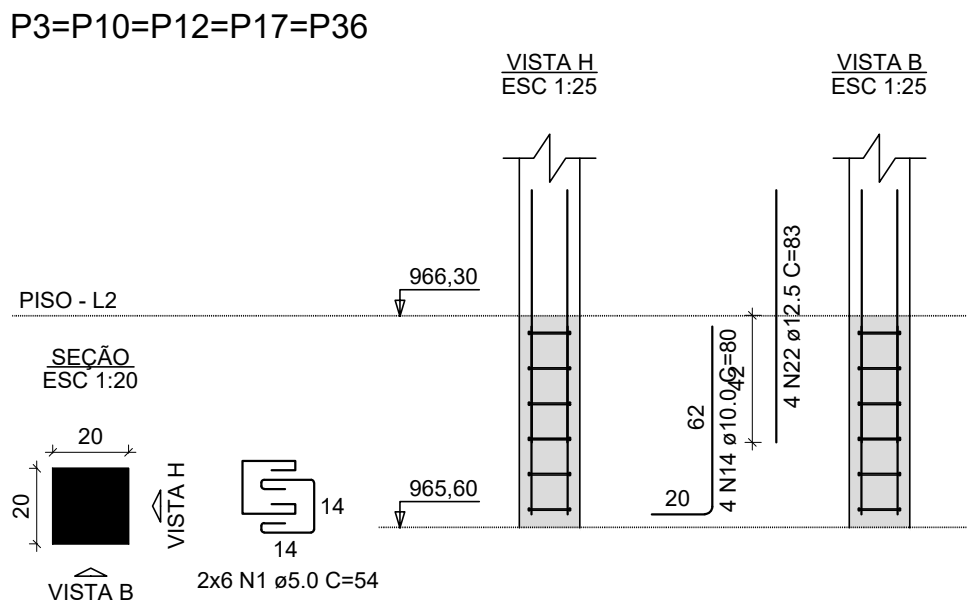


S4=S5=S8=S9=S11=S15=S16=S18=S19=S29=S31
=S34=S37=S38=S41=S43=S45

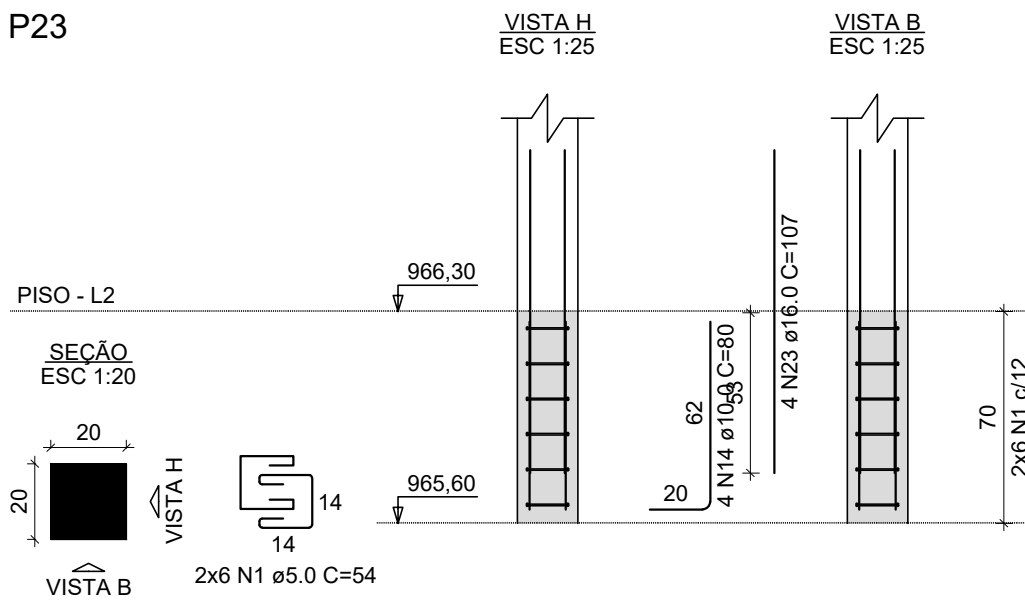


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

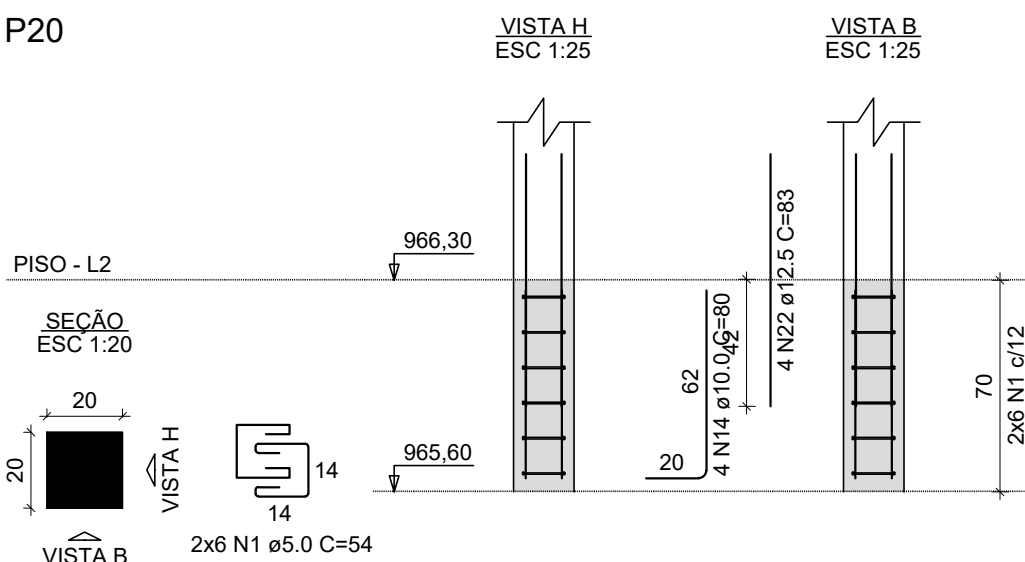
P3=P10=P12=P17=P36



P23

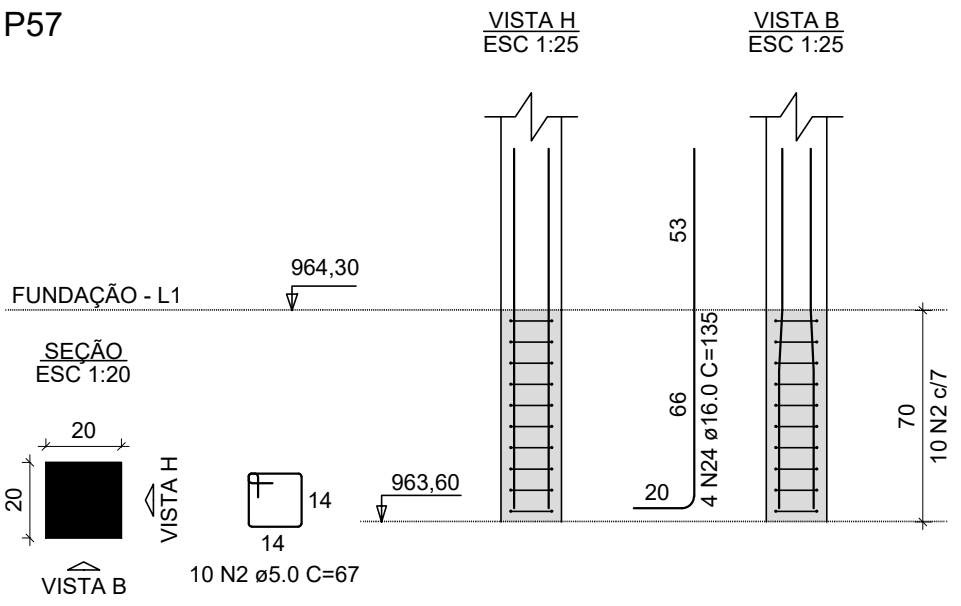


P20

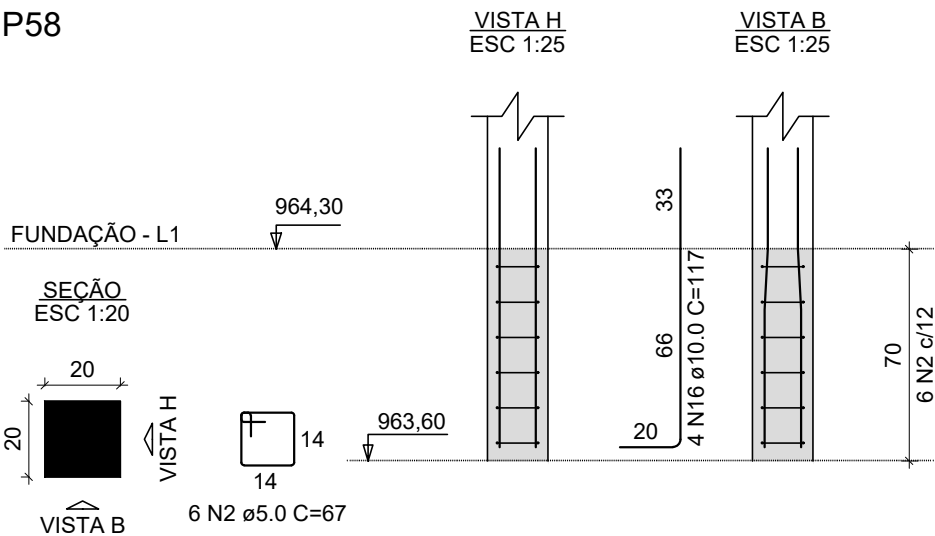


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P57

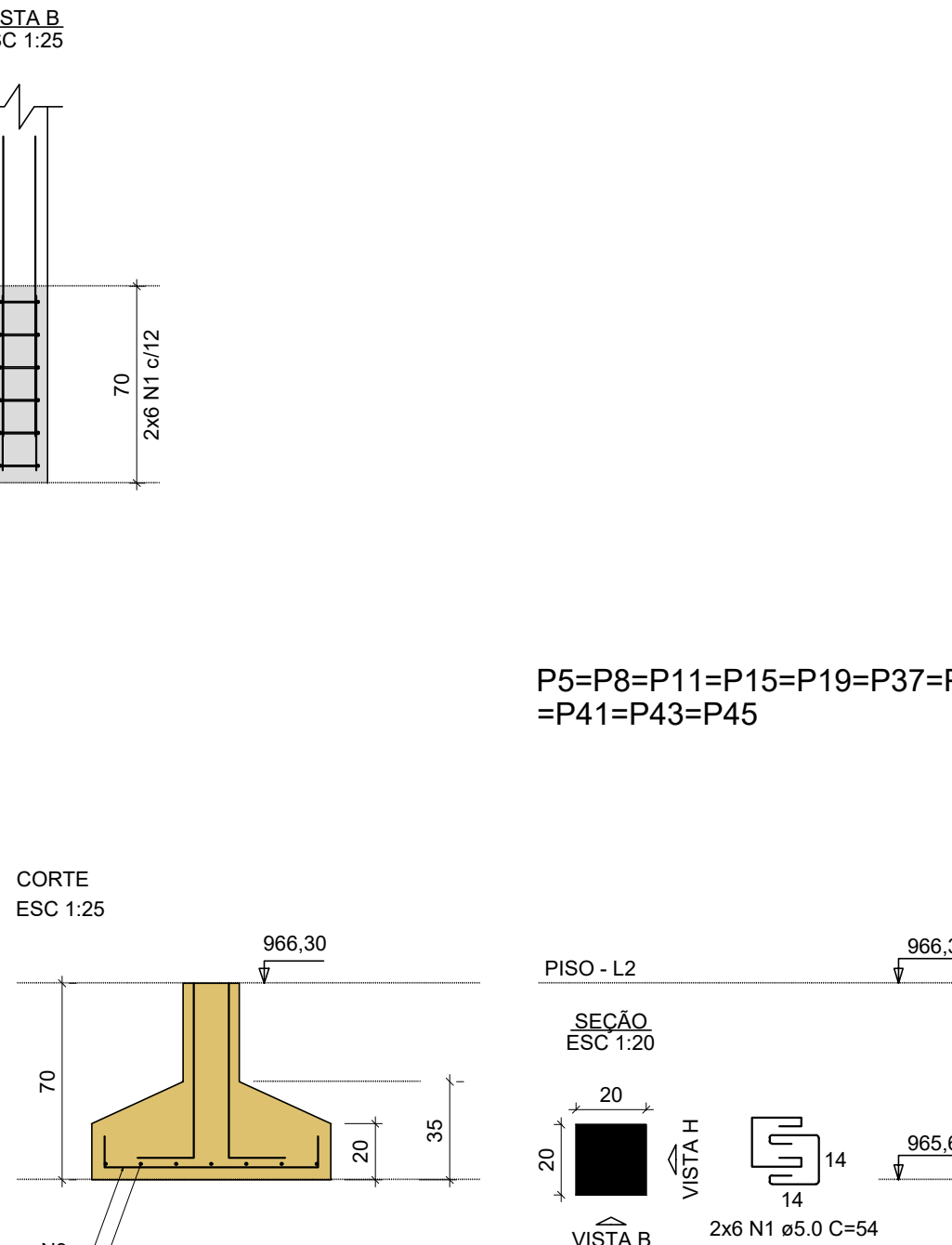


P58



P5=P8=P11=P15=P19=P37=P38=

=P41=P43=P45



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1-L2	1	5.0	334	54	18036
5xP4-L2	2	5.0	50	67	3350
P20-L2	3	5.0	10	345	3450
P57-L1	4	6.3	12	106	1272
6xS10-L2	5	8.0	18	104	1872
17xS37-L2	6	8.0	72	84	6048
	7	8.0	12	84	1008
	8	8.0	48	104	4992
	9	8.0	238	94	22372
	10	8.0	8	143	1144
	11	8.0	11	118	1298
	12	8.0	10	84	840
	13	8.0	12	109	1308
	14	10.0	100	80	8000
	15	10.0	9	67	536
	16	10.0	12	117	1404
	17	10.0	8	247	1976
	18	10.0	9	182	1638
	19	10.0	12	157	1884
	20	10.0	10	89	890
	21	12.5	4	125	500
	22	12.5	64	83	5312
	23	16.0	36	107	3852
	24	16.0	4	135	540

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	12.7	3.4
	8.0	408.8	177.4
	10.0	163.3	110.7
	12.5	58.1	61.6
	16.0	43.9	76.3
	5.0	248.4	42.1
PESO TOTAL (kg)			
CA50	429.4		
CA60	42.1		

Volume de concreto fck 3,0kN/cm² (C-30) = 6.48 m³
Área de forma = 32.96 m²