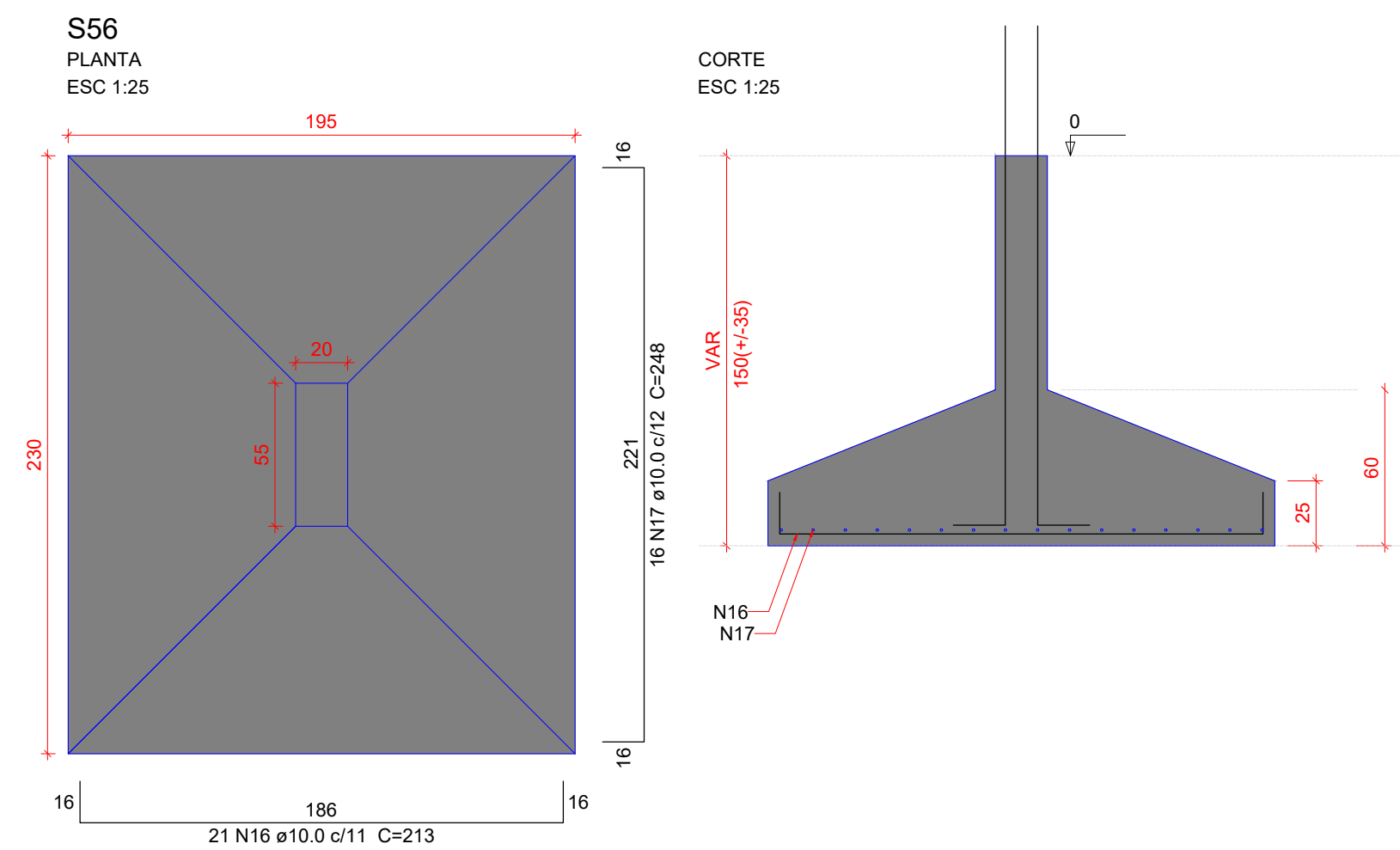
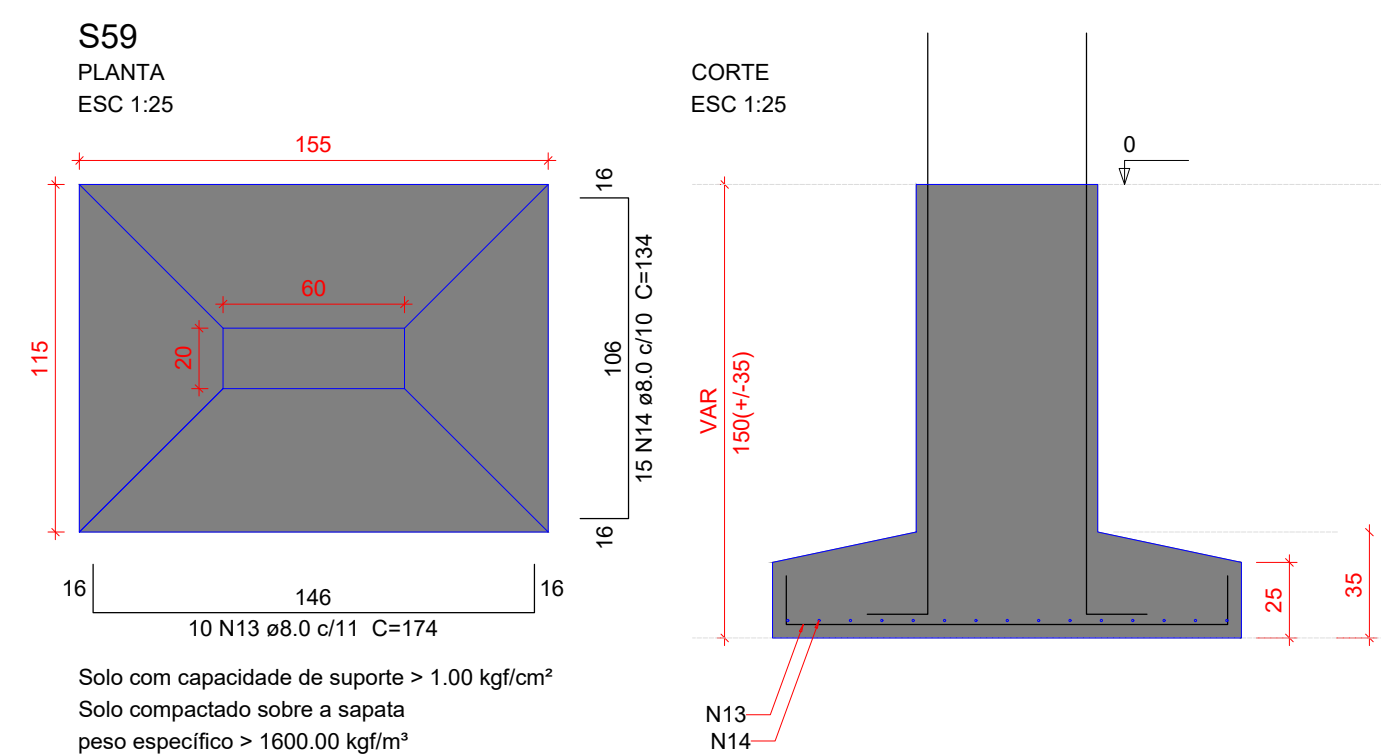


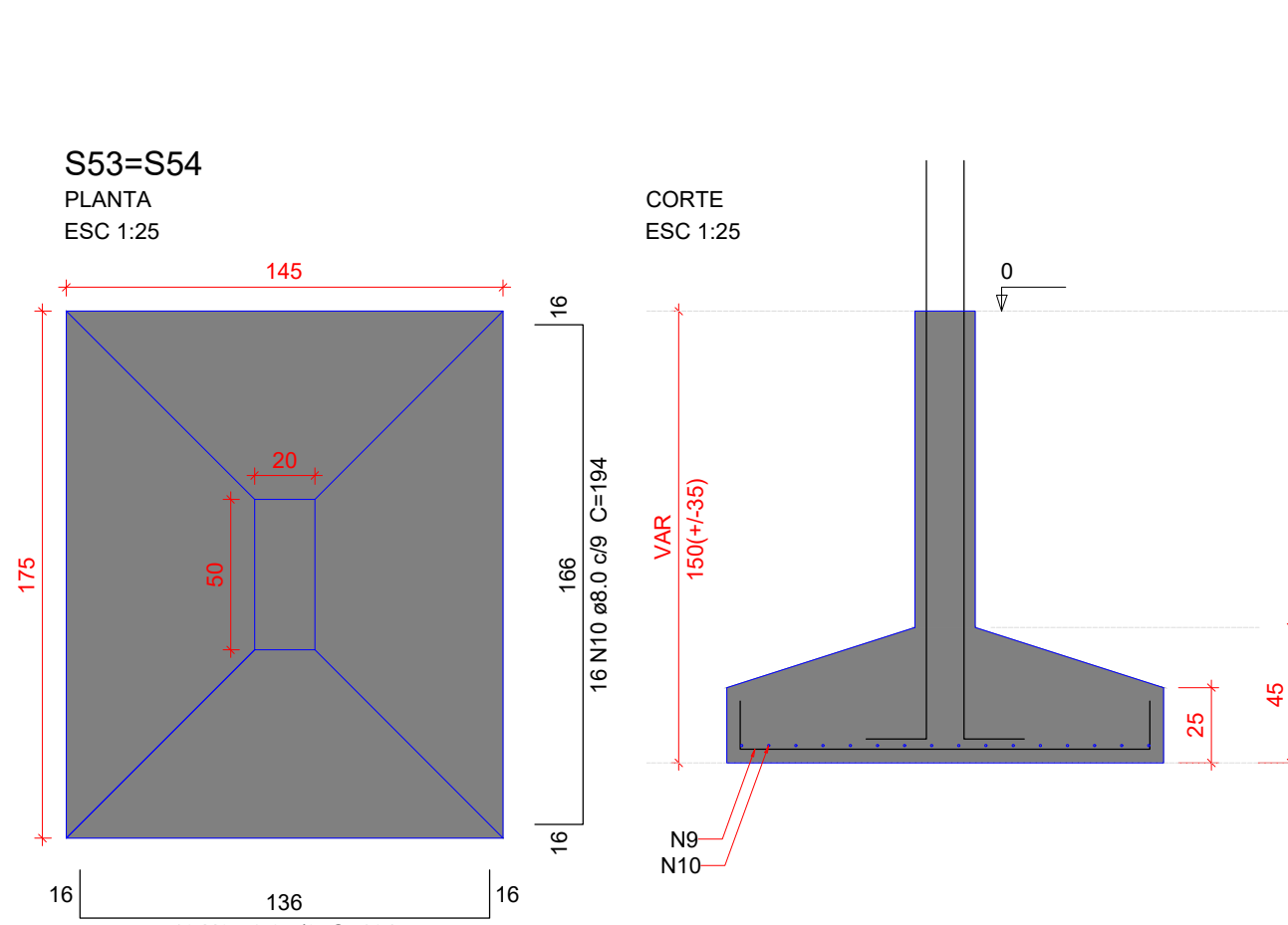
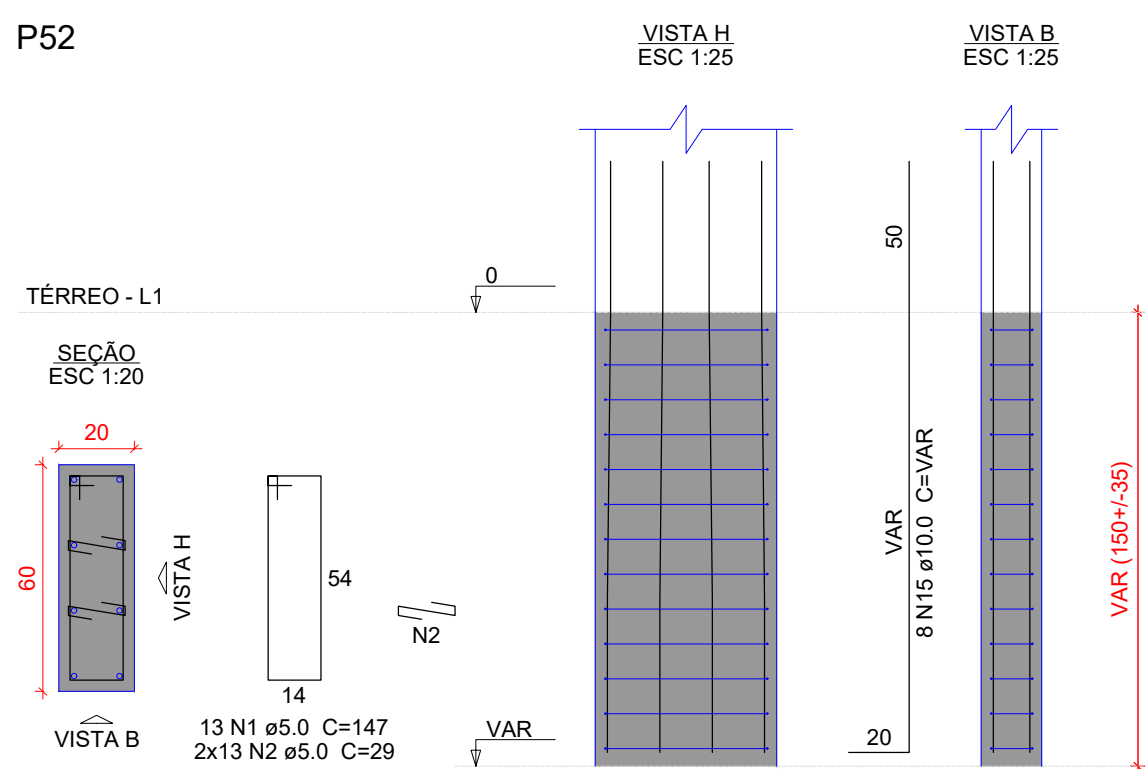
Solo com capacidade de suporte $> 1.00 \text{ kgf/cm}^2$
Solo compactado sobre a sapata
peso específico $> 1600.00 \text{ kgf/m}^3$



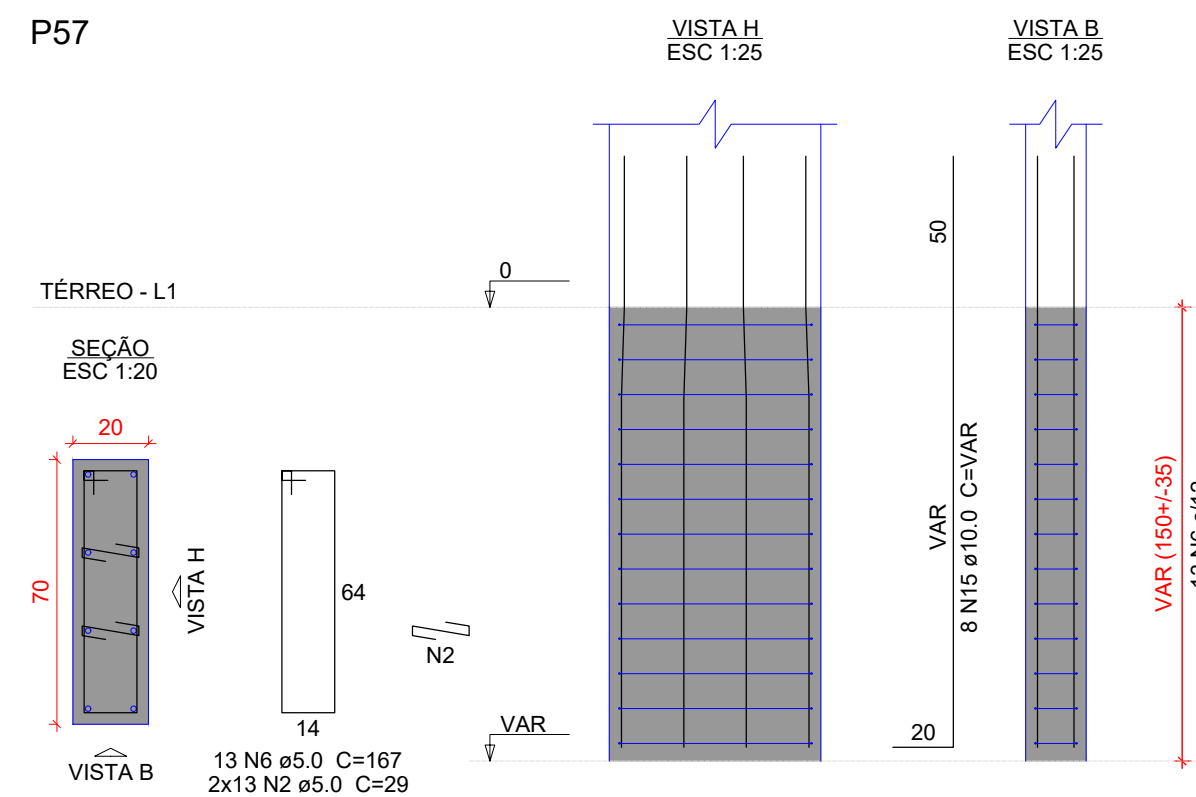
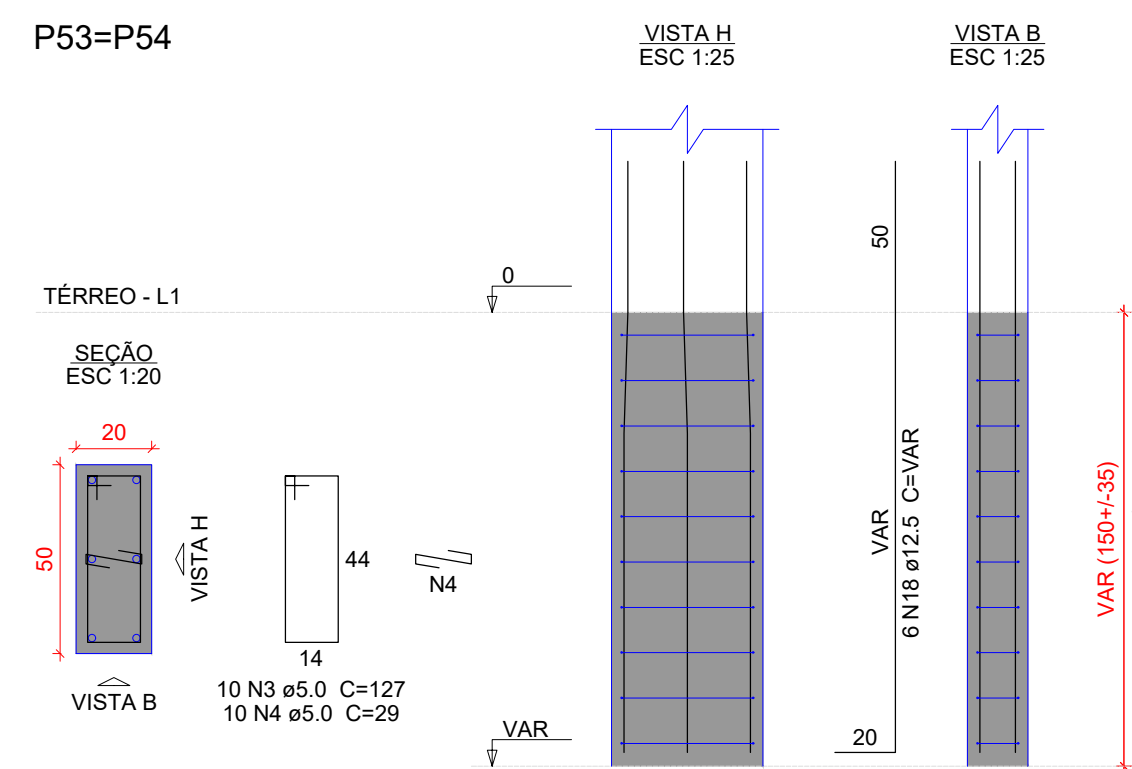
Solo com capacidade de suporte $> 1.00 \text{ kgf/cm}^2$
Solo compactado sobre a sapata
peso específico $> 1600.00 \text{ kgf/m}^3$



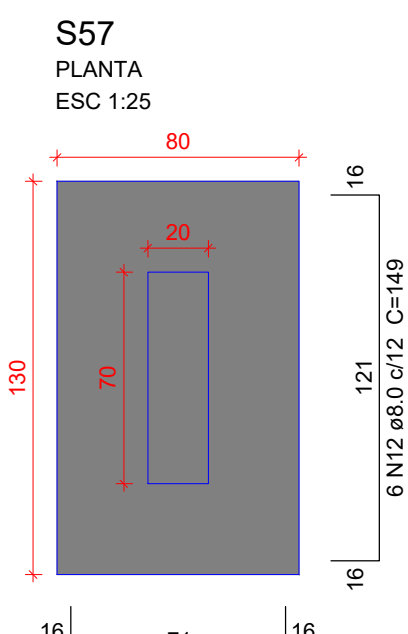
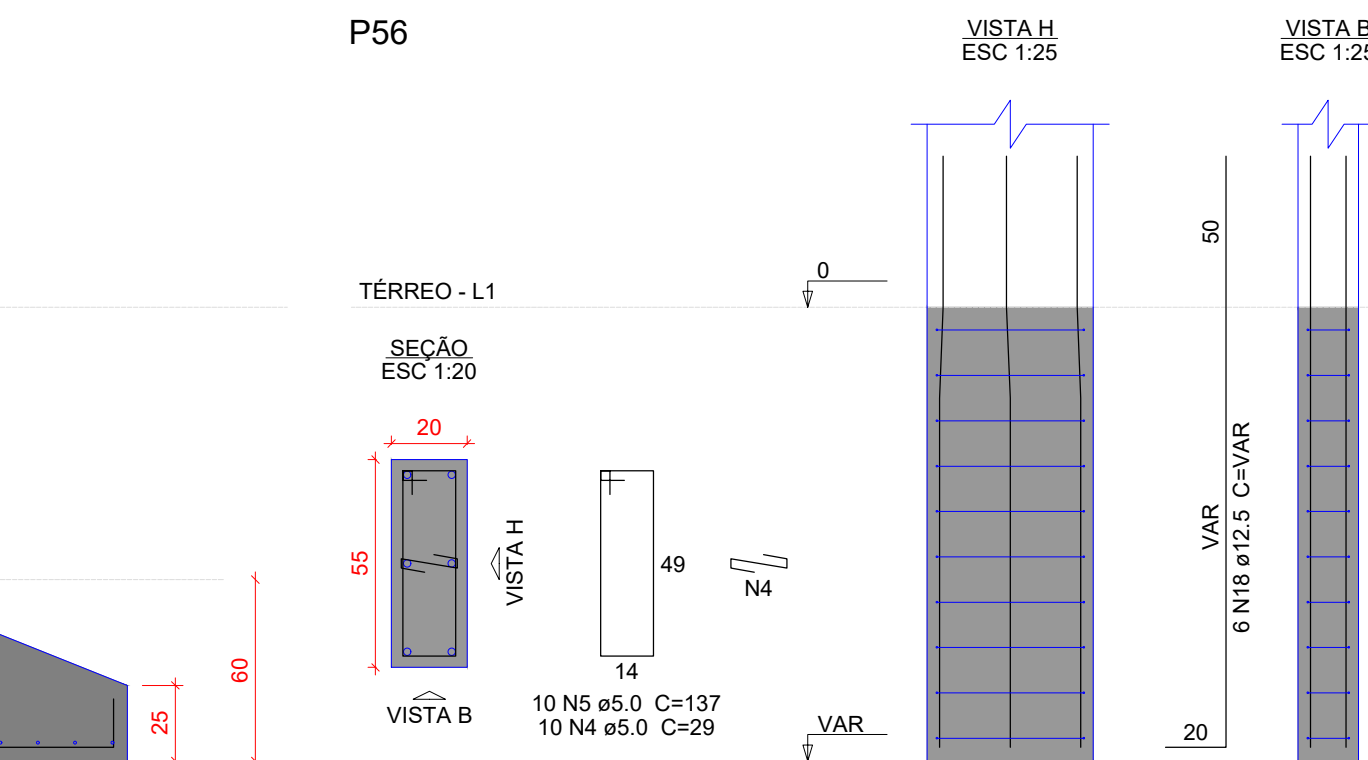
Solo com capacidade de suporte $> 1.00 \text{ kgf/cm}^2$
Solo compactado sobre a sapata
peso específico $> 1600.00 \text{ kgf/m}^3$



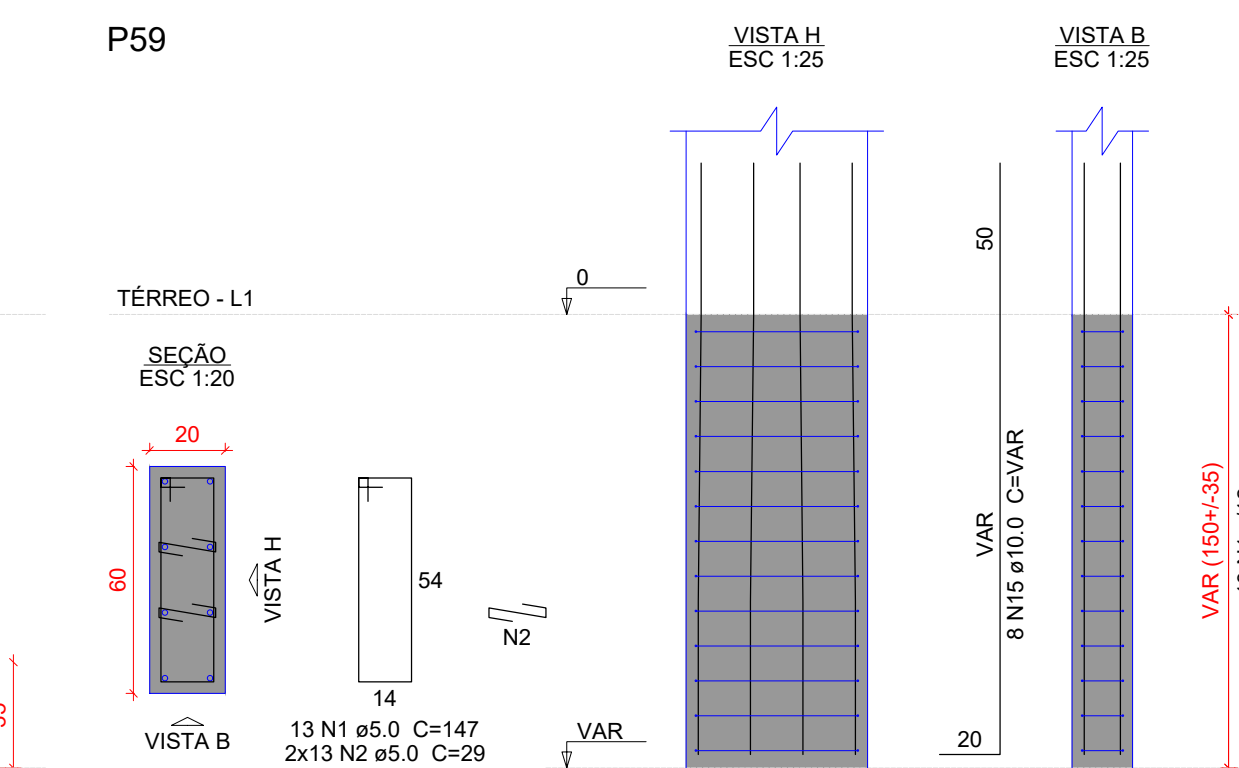
Solo com capacidade de suporte $> 1.00 \text{ kgf/cm}^2$
Solo compactado sobre a sapata
peso específico $> 1600.00 \text{ kgf/m}^3$



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Relação do aço					
S52	2xS53		S56		
S57	S59				
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	26	147	3822
	2	5.0	29	29	2262
	3	5.0	20	127	2540
	4	5.0	30	29	870
	5	5.0	10	137	1370
CA50	6	5.0	13	167	2171
	7	8.0	19	159	3021
	8	8.0	14	195	2786
	9	8.0	38	164	6232
	10	8.0	32	194	6208
	11	8.0	11	95	1069
	12	8.0	6	145	854
	13	8.0	10	174	1740
	14	8.0	15	134	2010
	15	10.0	24	VAR	VAR
	16	10.0	213	213	44733
	17	10.0	16	VAR	3968
	18	12.5	18	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	239.8	104.1
	10.0	135.8	92.1
	12.5	38.4	40.6
CA60	5.0	130.4	22.1
PESO TOTAL (kg)			
CA50	236.8		
CA60	22.1		

Volume de concreto (C-30) = 5.75 m³

[illegible]