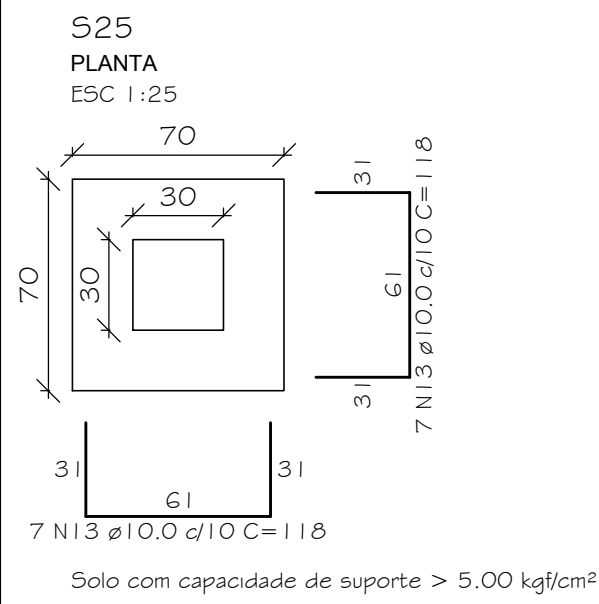
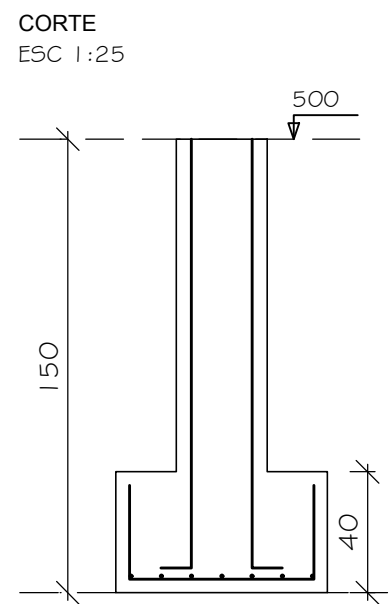
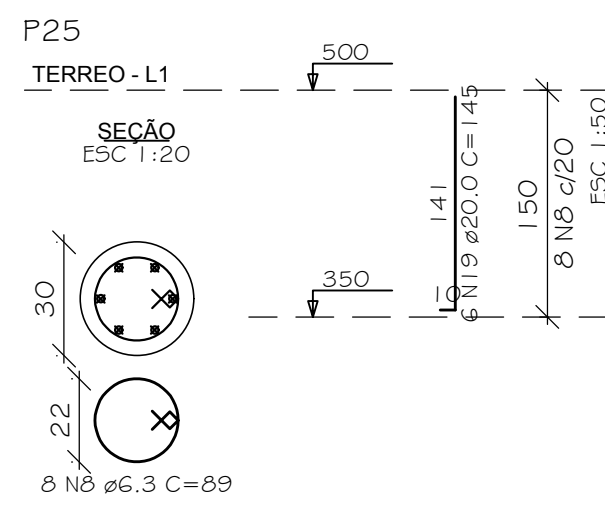
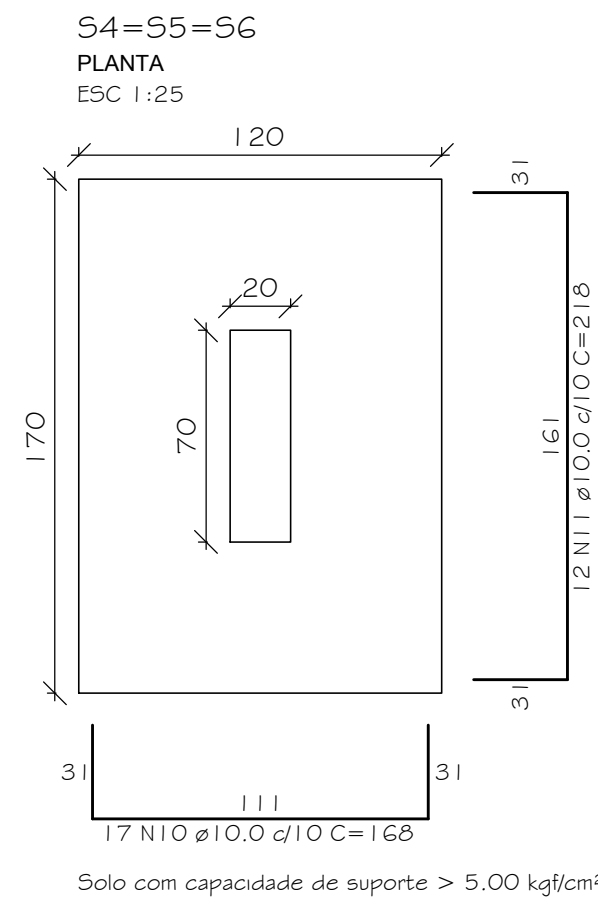
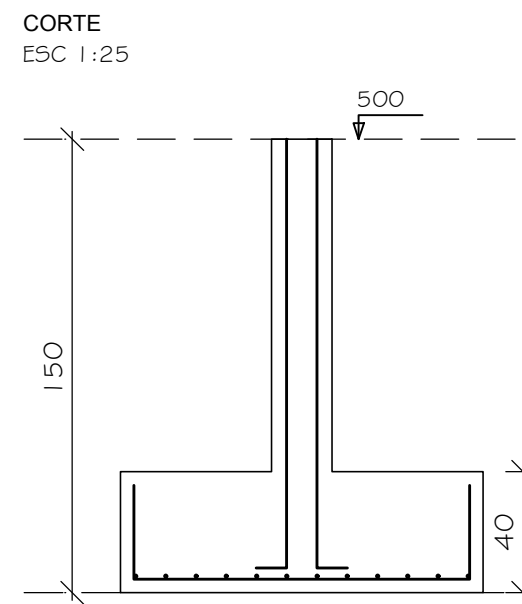
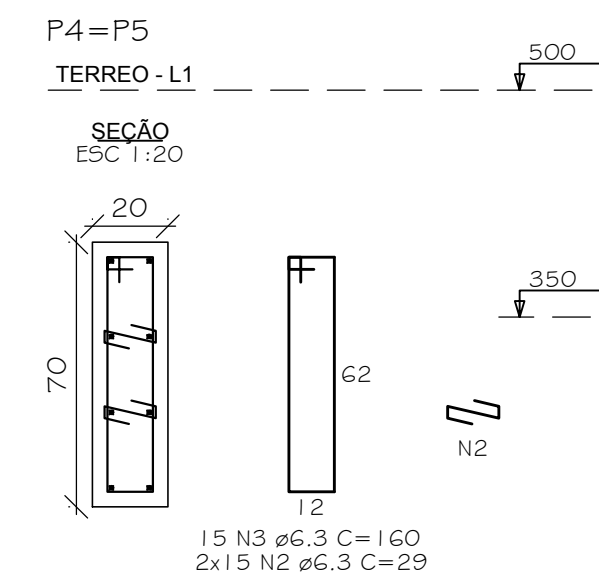
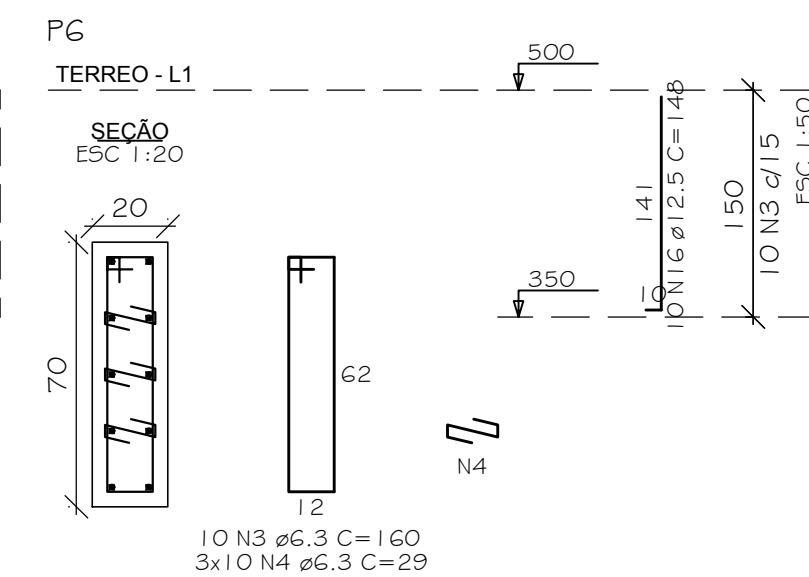




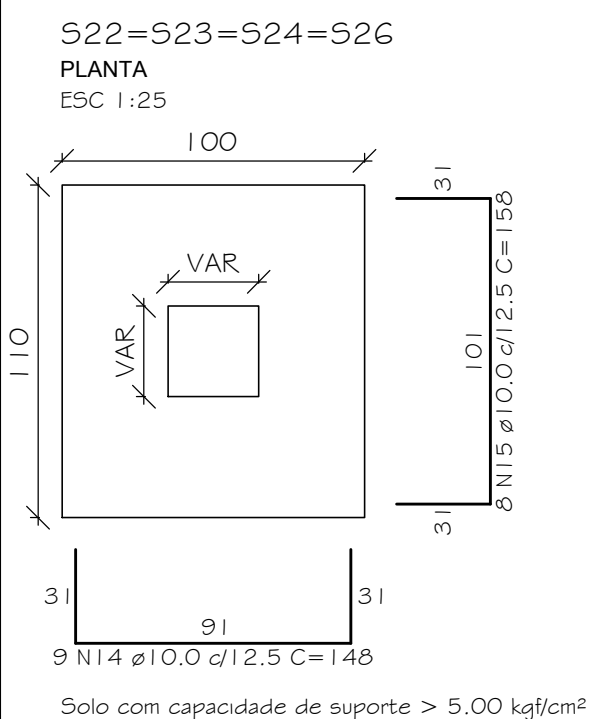
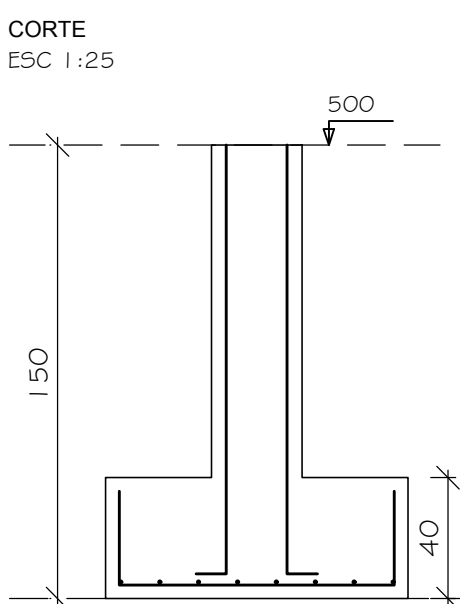
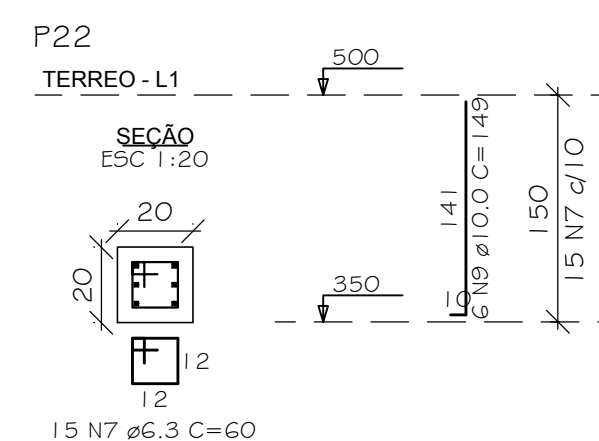
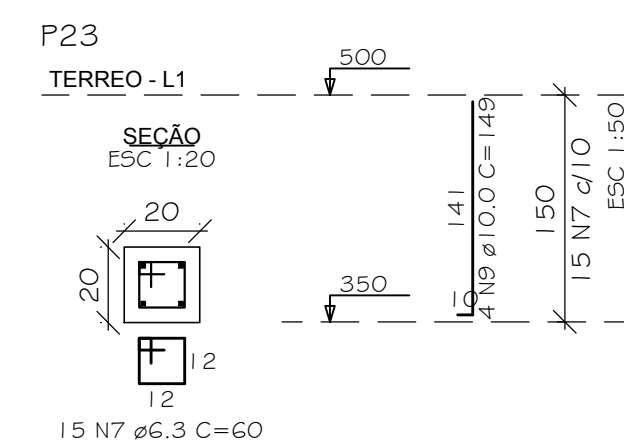
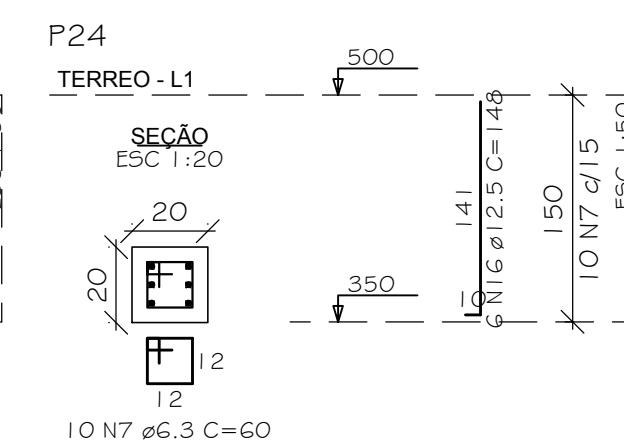
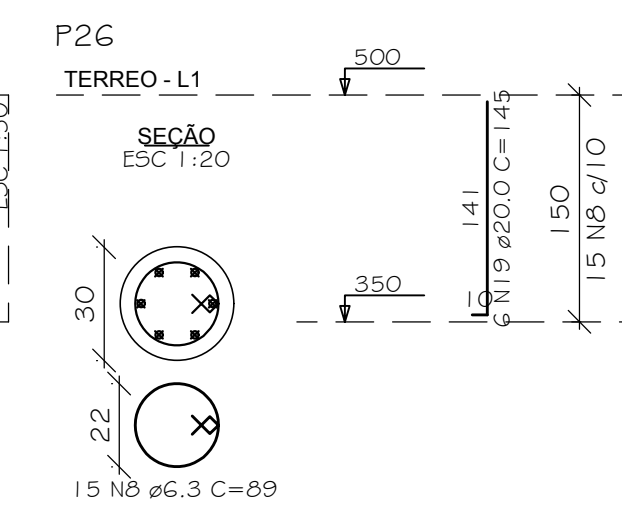
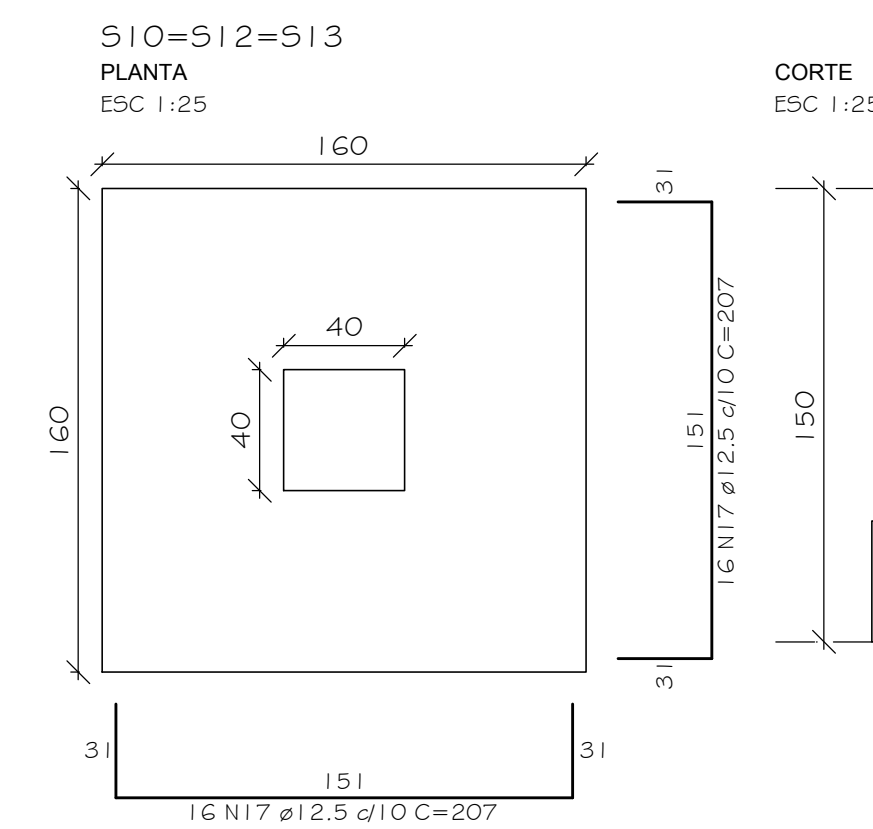
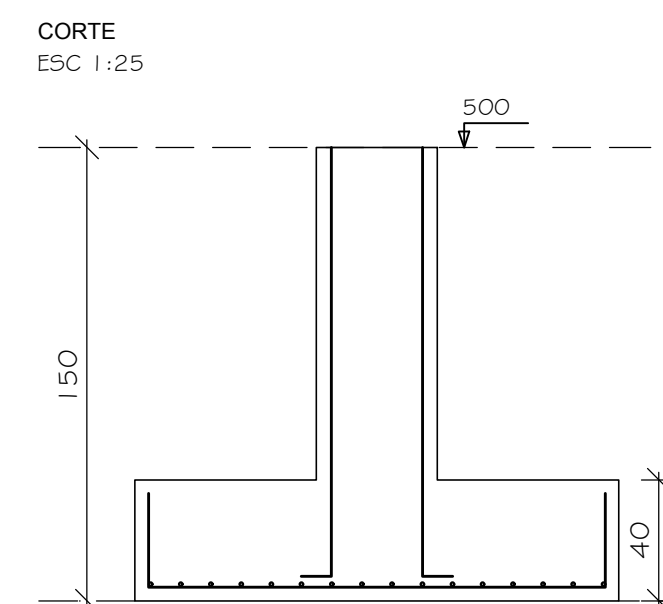
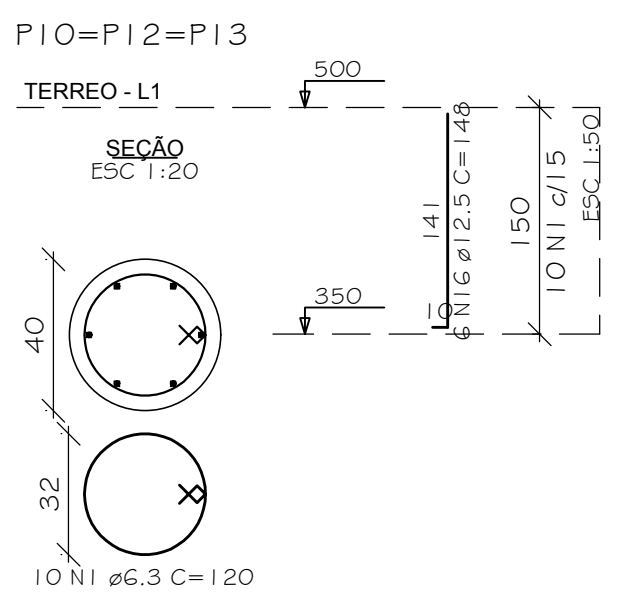
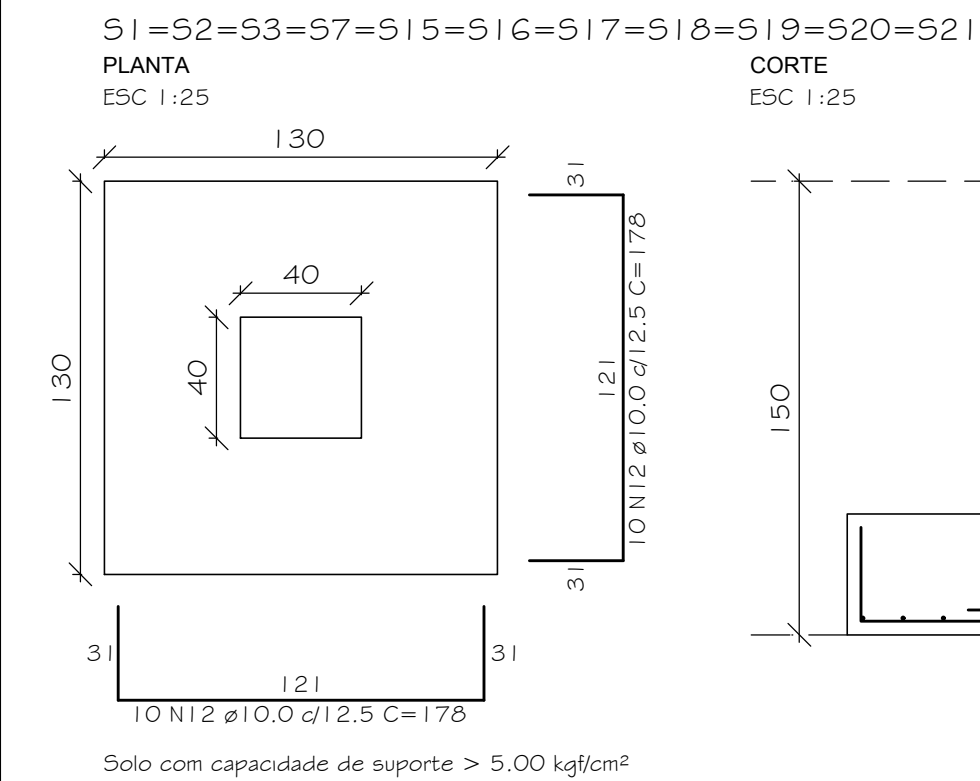
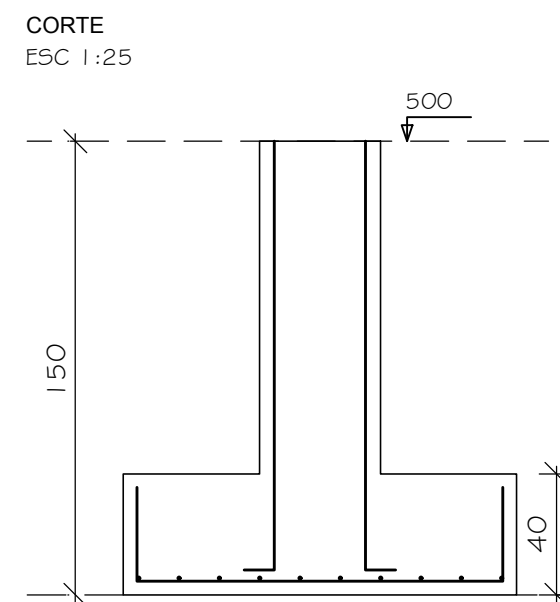
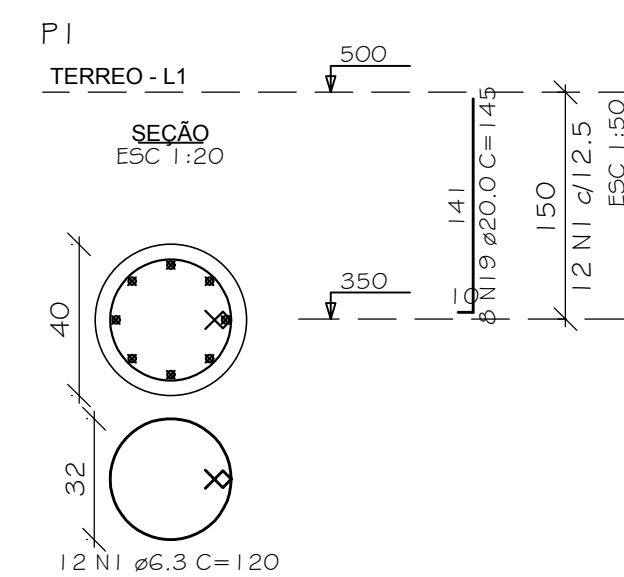
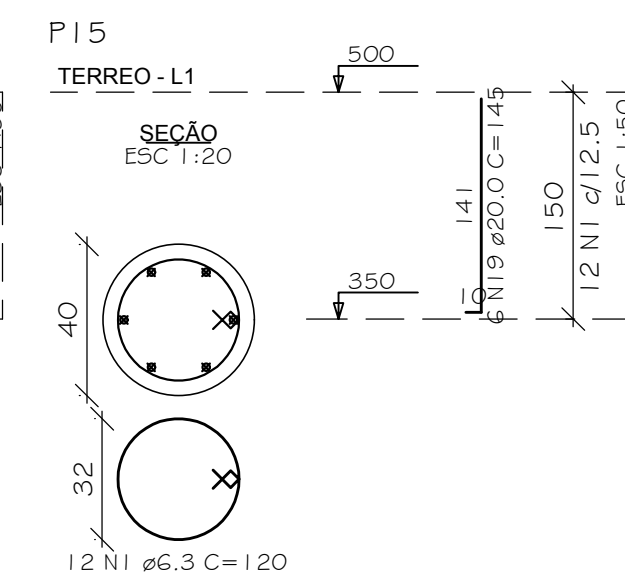
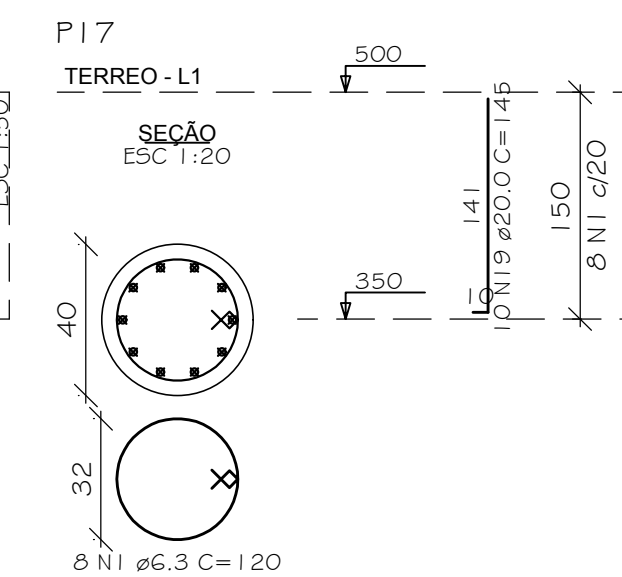
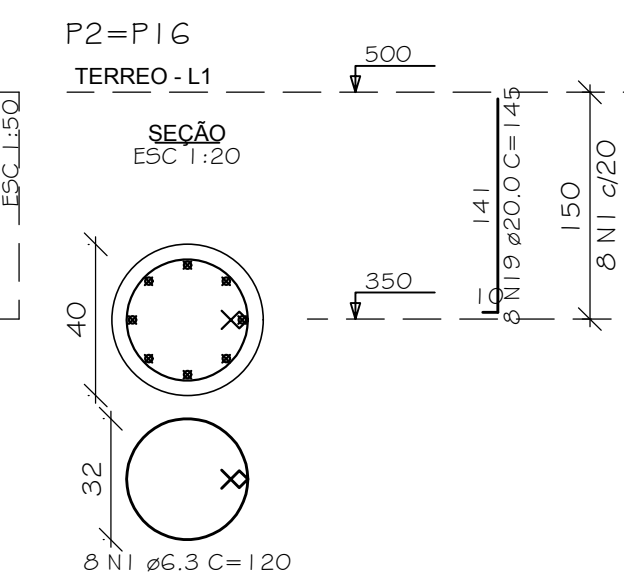
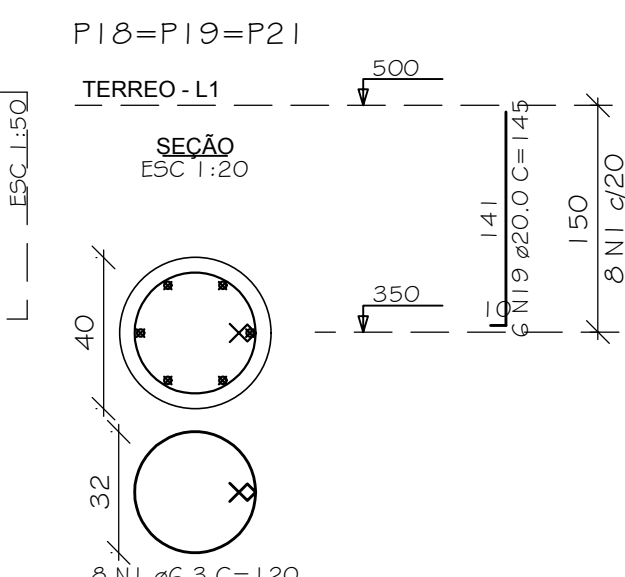
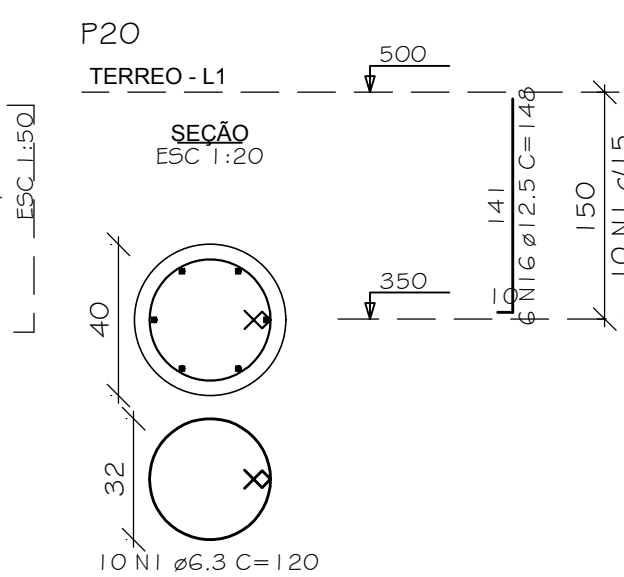
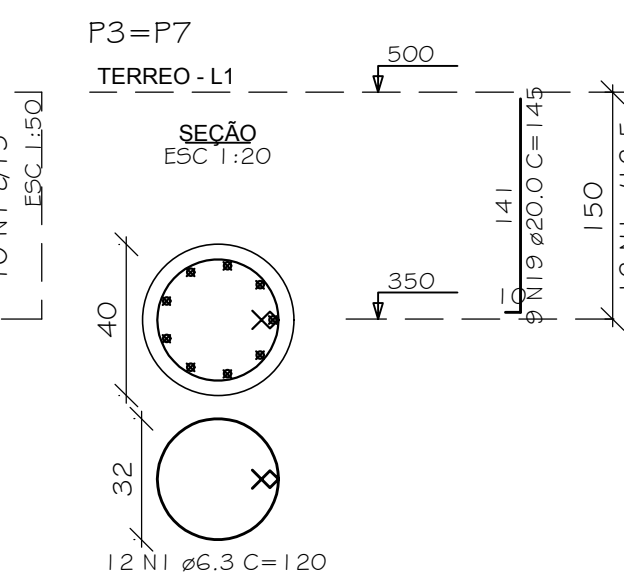
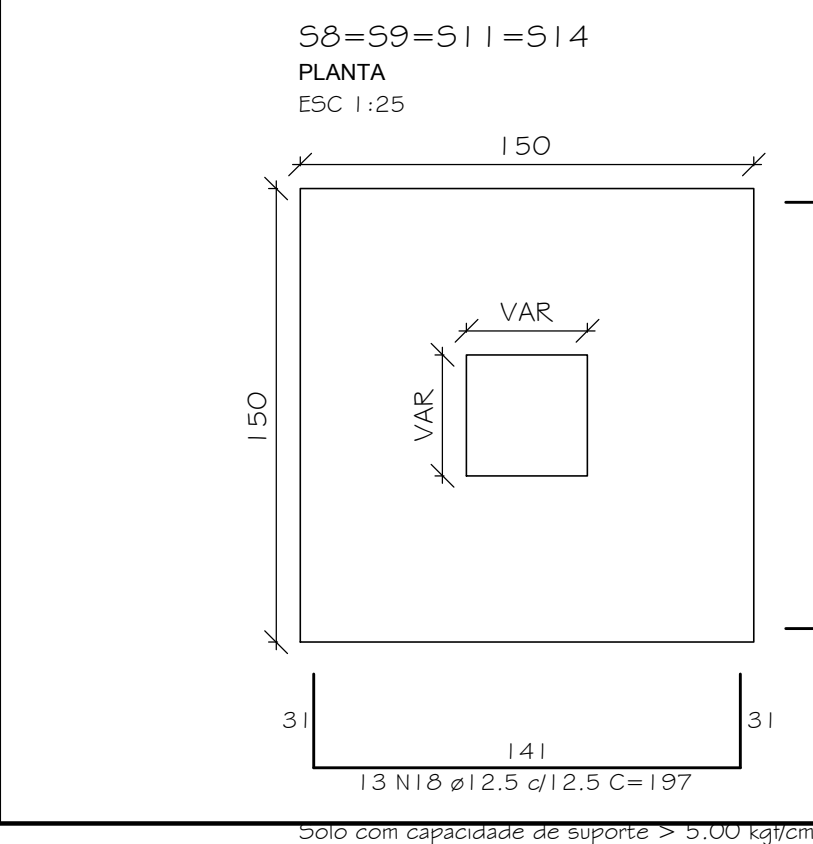
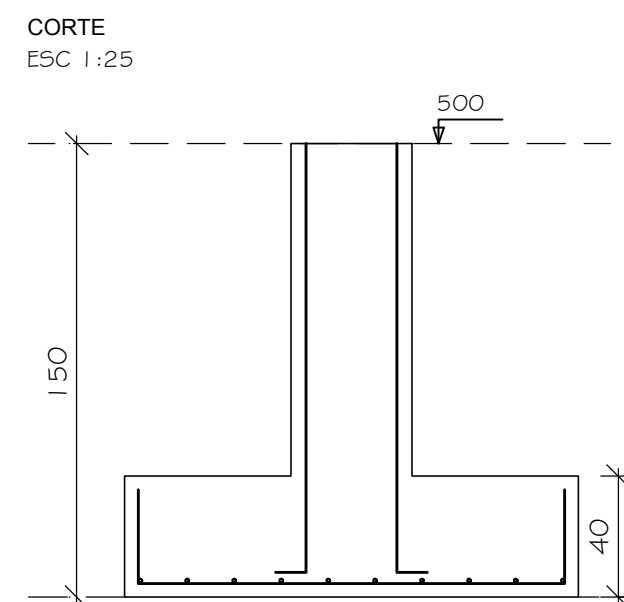
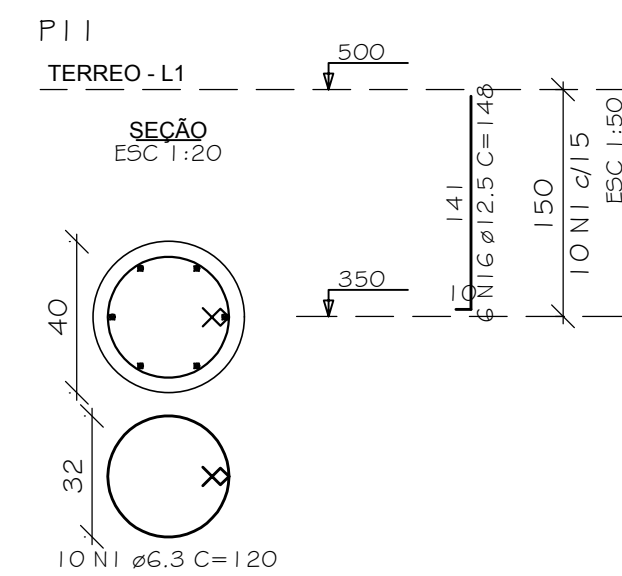
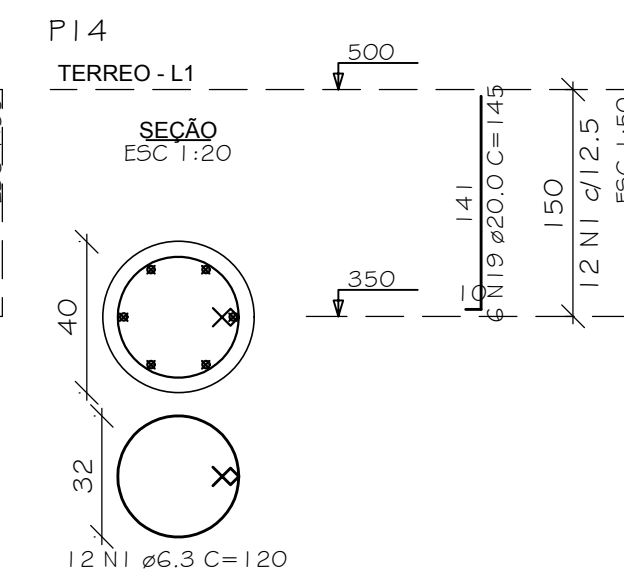
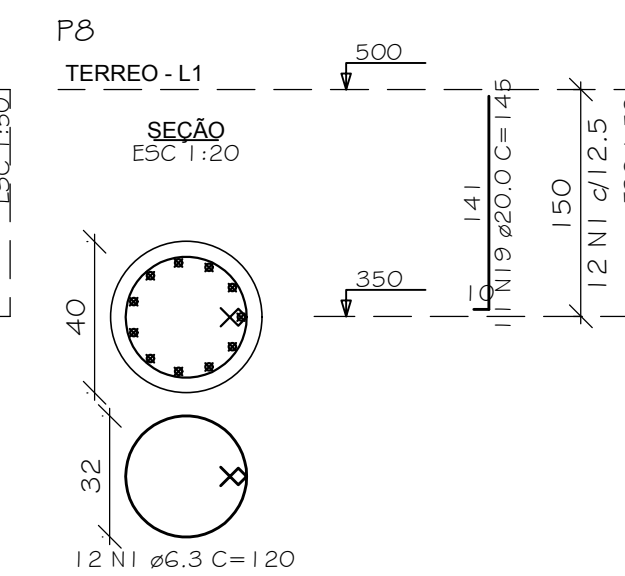
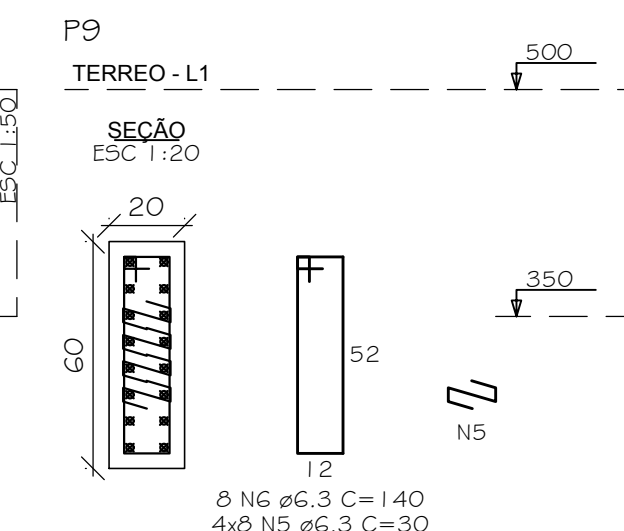
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	170	120	20400
	2	6.3	60	29	1740
	3	6.3	40	160	6400
	4	6.3	30	29	870
	5	6.3	32	30	960
	6	6.3	8	140	1120
	7	6.3	40	60	2400
	8	6.3	23	88	2047
	9	10.0	26	149	3874
	10	10.0	51	168	8568
	11	10.0	46	218	7848
	12	10.0	220	178	39160
	13	10.0	14	118	1652
	14	10.0	36	148	5328
	15	10.0	32	158	5056
	16	12.5	46	148	6808
	17	12.5	96	207	19872
	18	12.5	92	197	18124
	19	20.0	121	145	17545

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 20% (kg)
CA50	6.3	359.4	105.5
	10.0	714.9	528.9
	12.5	448	517.9
	20.0	175.5	519.2
PESO TOTAL (kg)			1671.6

Volume de concreto (C-30) = 22.92 m³
Área de forma = 103.93 m²



SECRETARIO RESPONSÁVEL

REV. DESCRIÇÃO DATA EXEC. VERIF. APROV.

APROVADO

SECRETARIA DE OBRAS E URBANISMO

TÍTULO: MUSEU - ESTRUTURA ARMAÇÃO DAS SAPATAS

LOCAL: MUSEU AV. SAQUAREMA - SAQUAREMA

PROJETO: SERGIO B.F.CANARIM CREA RJ 23979/D

Nº: DE-506.19-EST-006

ESCALA: INDICADA

DATA: MAI/2019

FRANCHA: 006