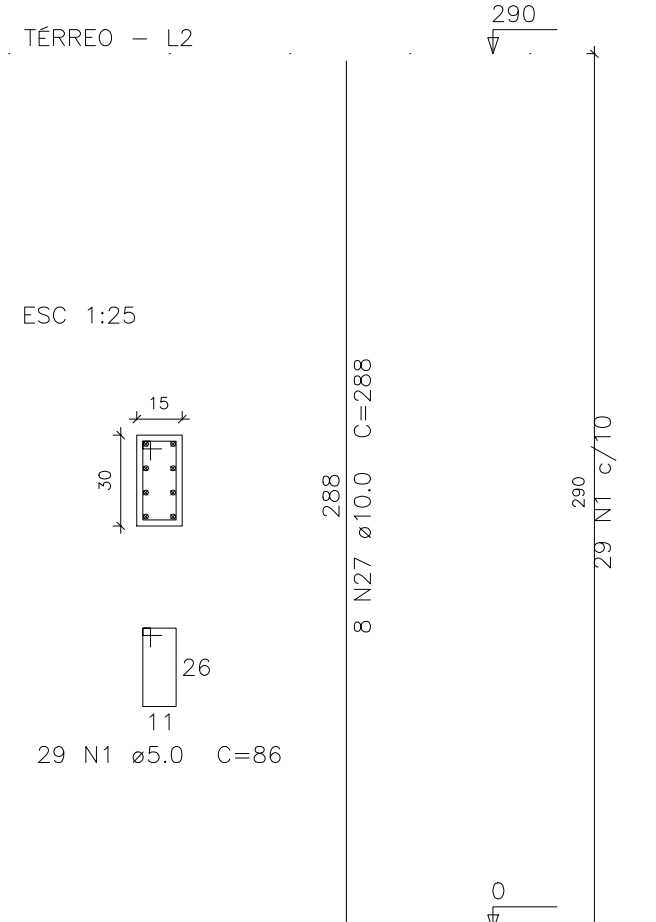
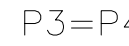
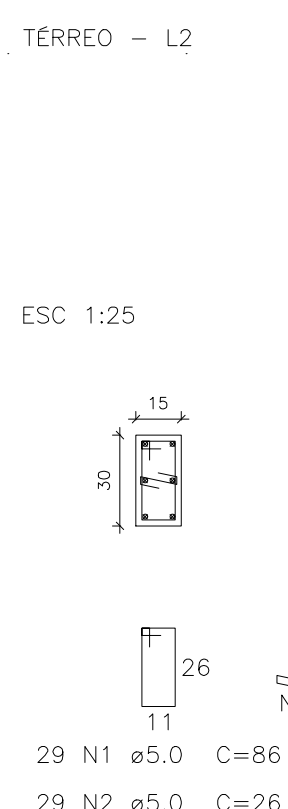
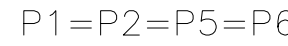
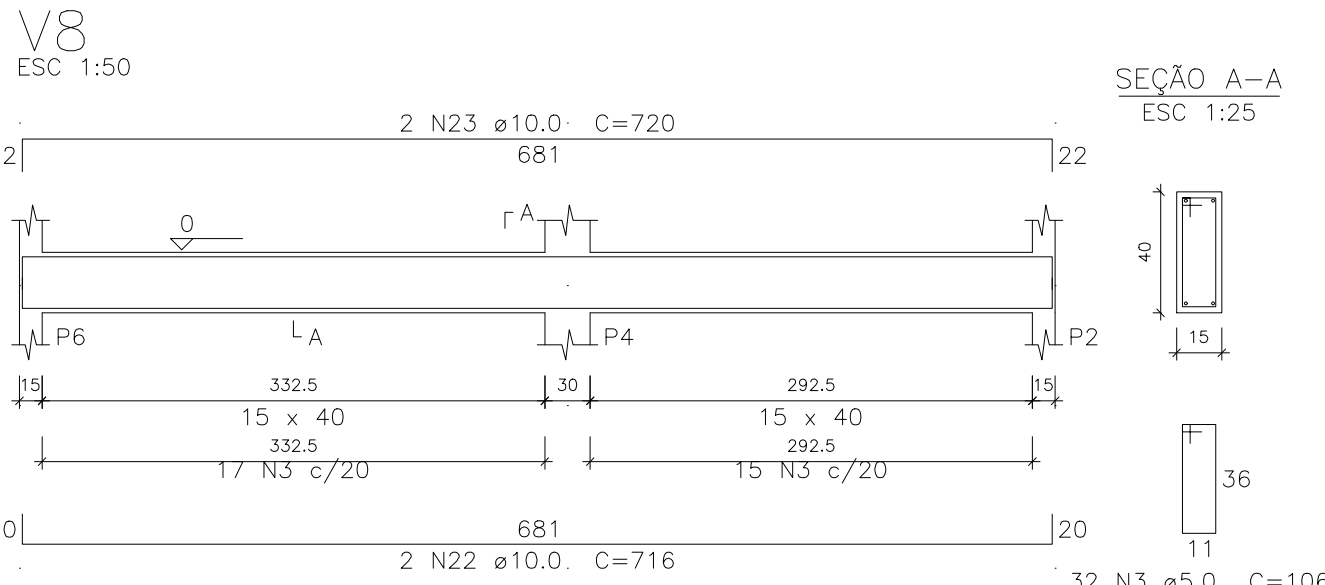
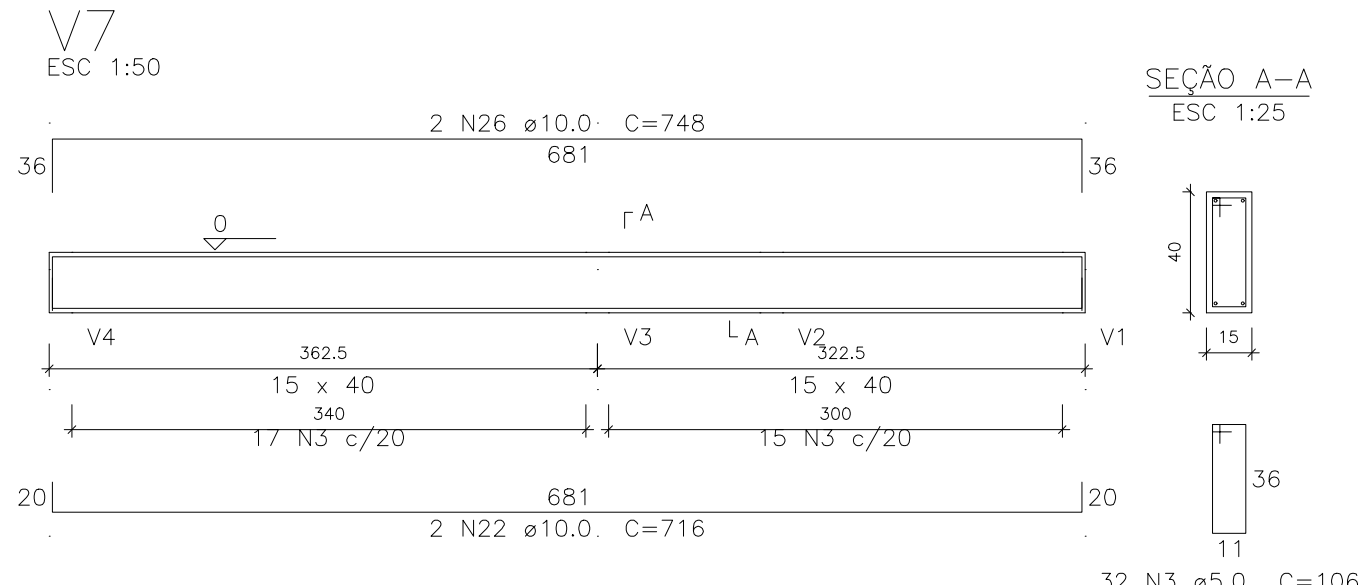
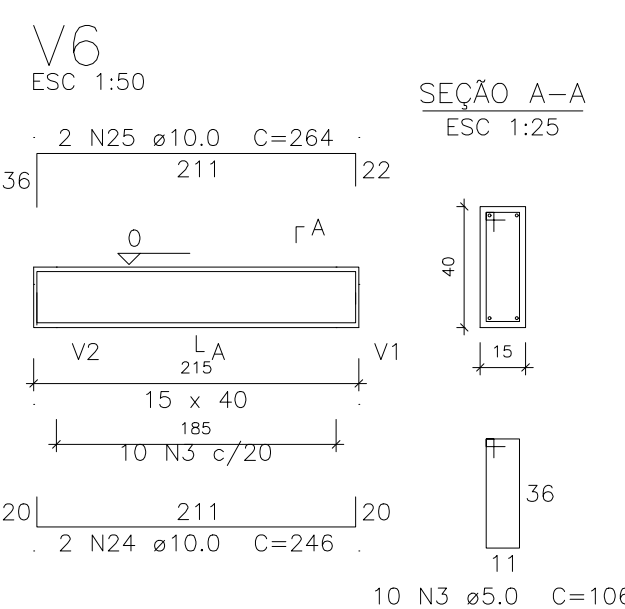
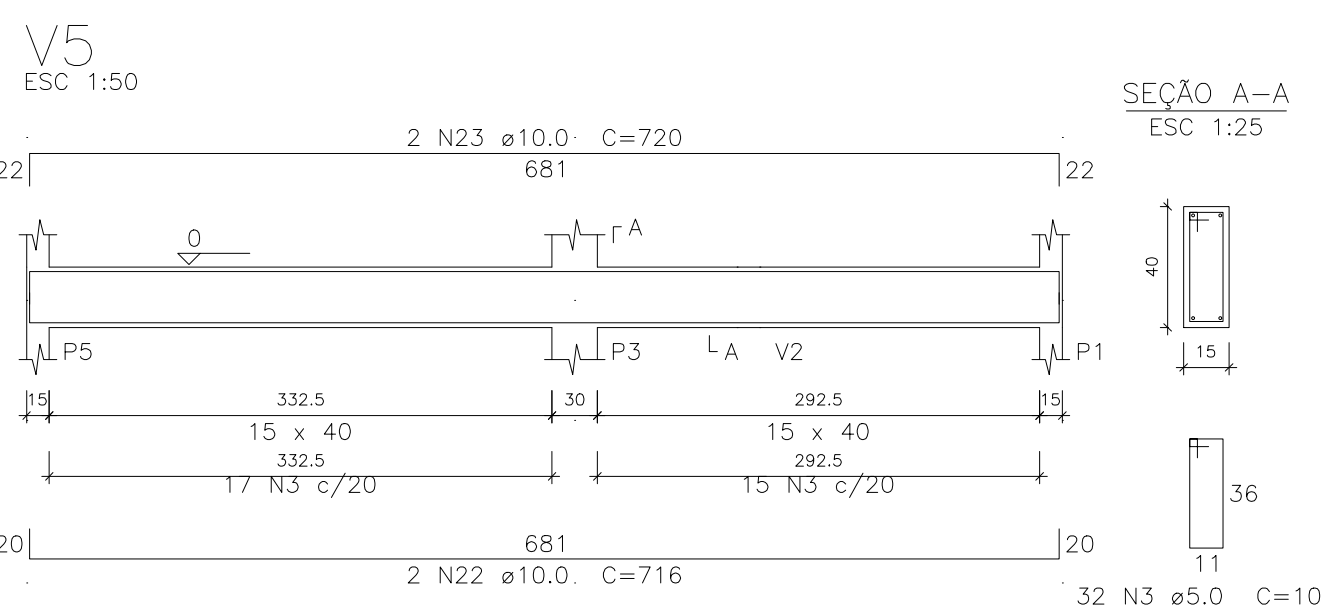
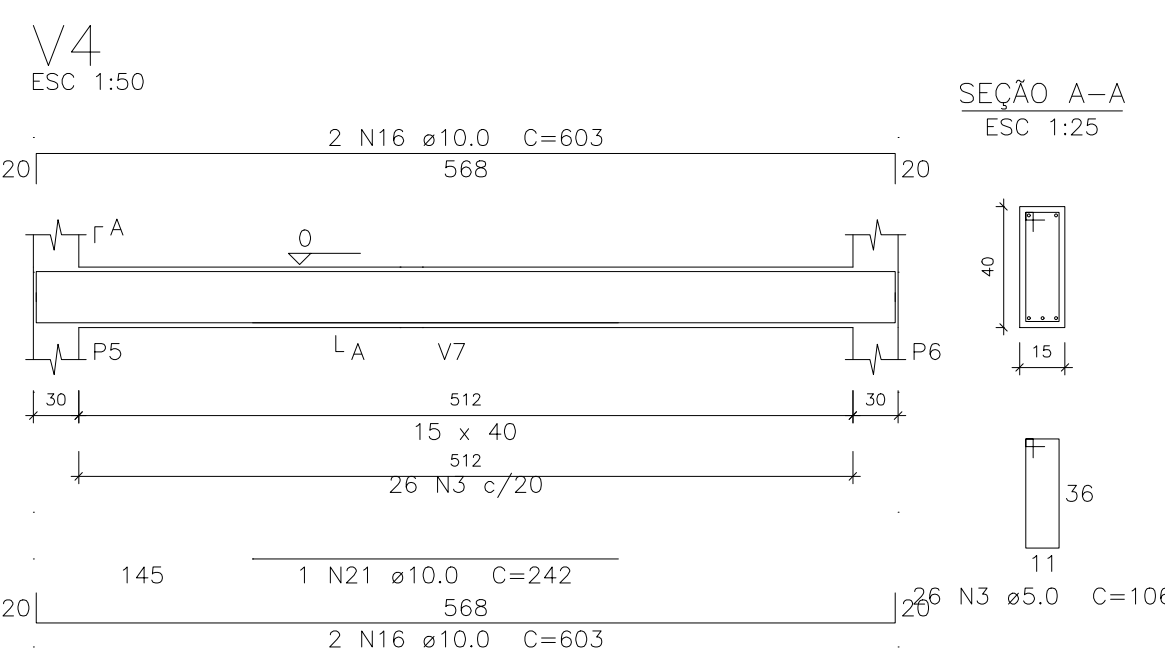
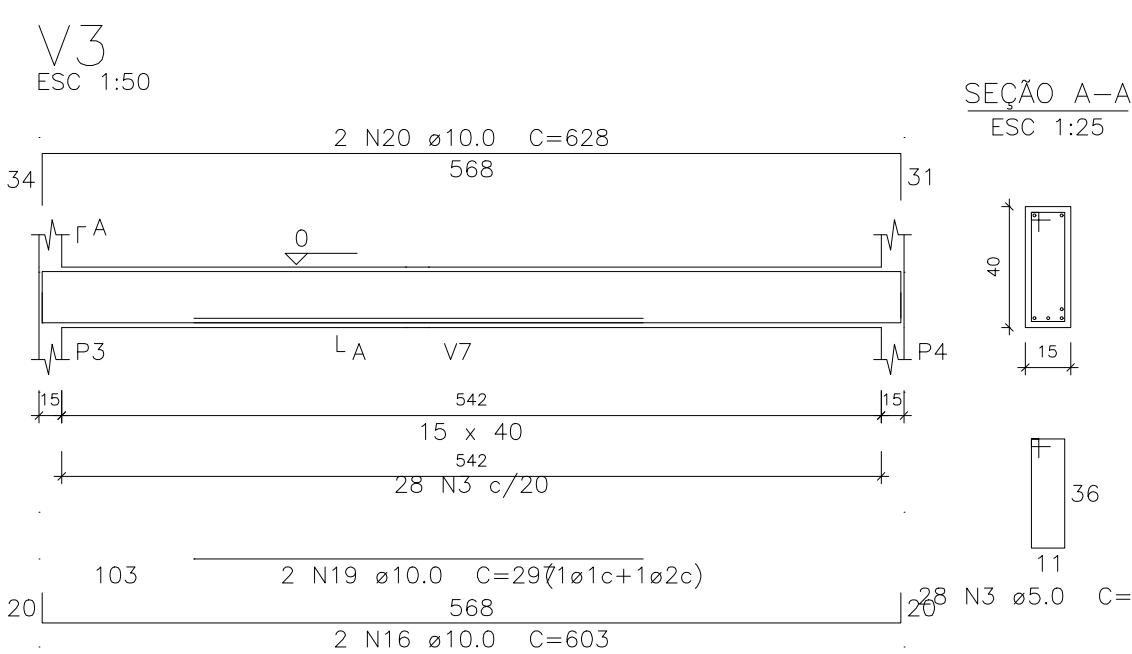
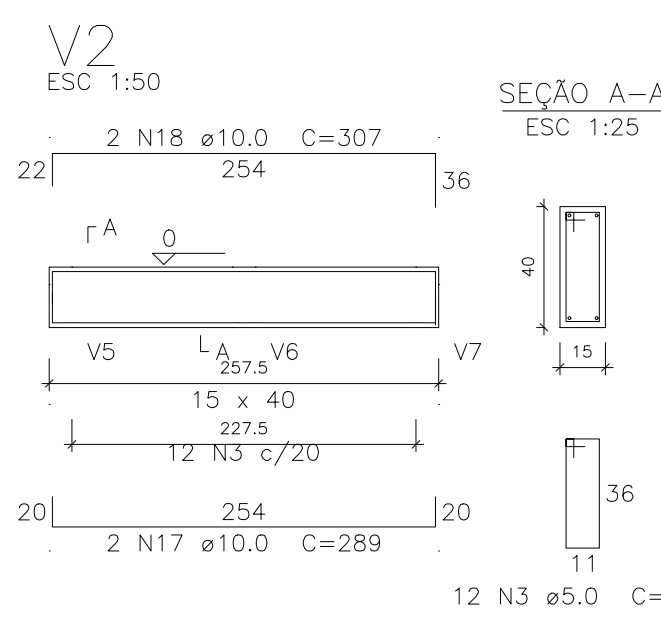
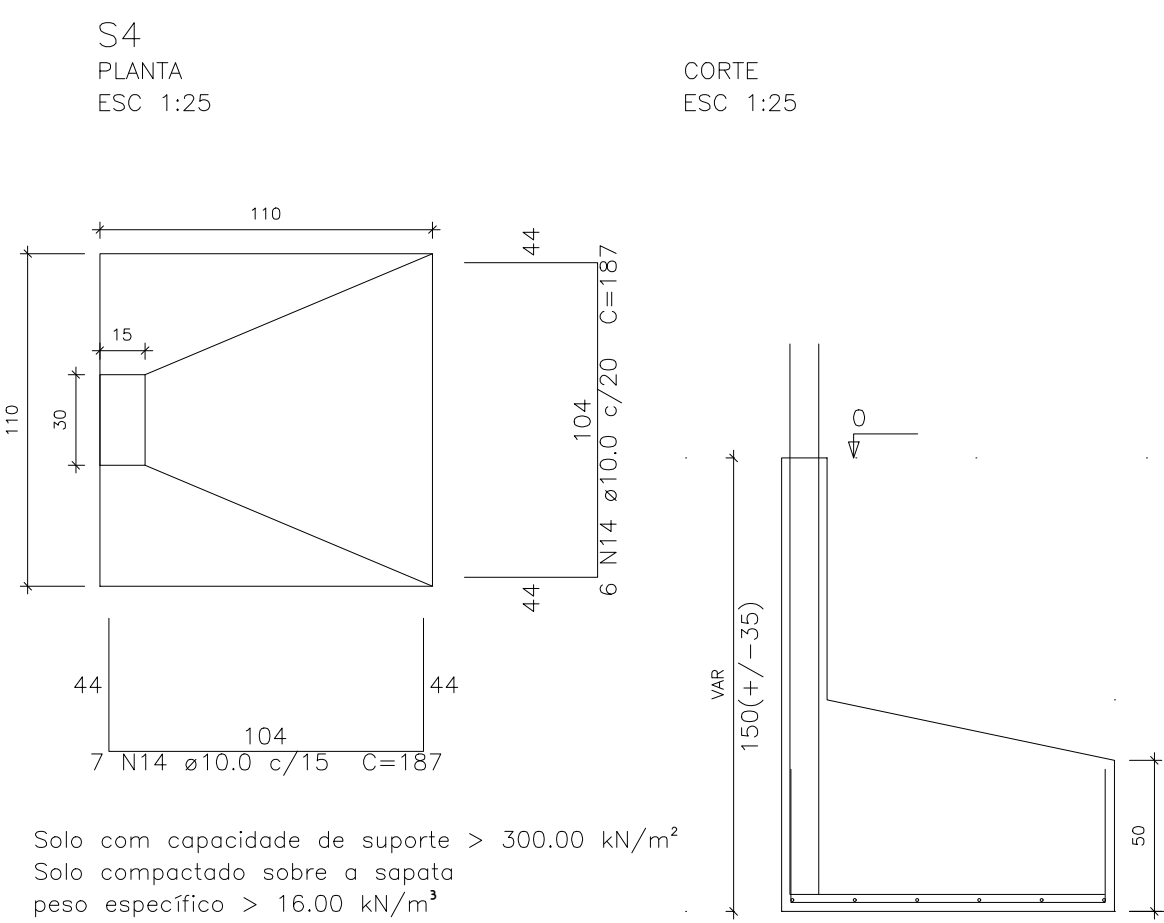
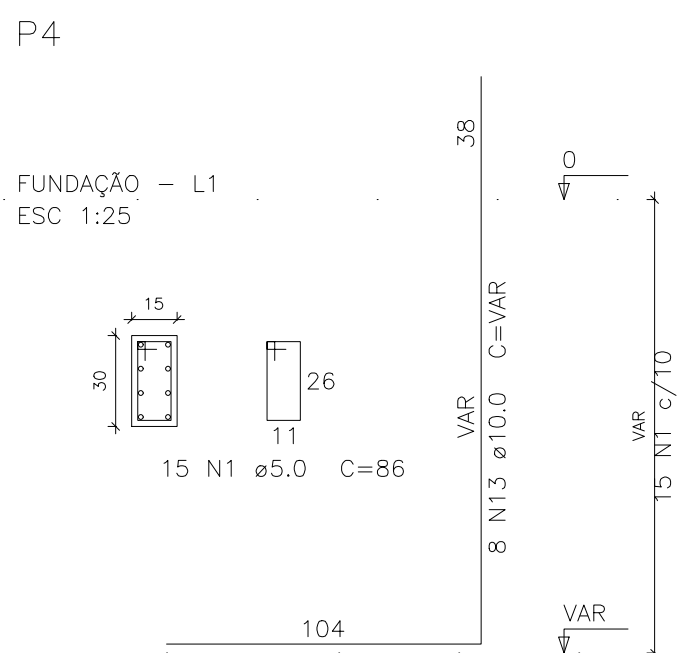
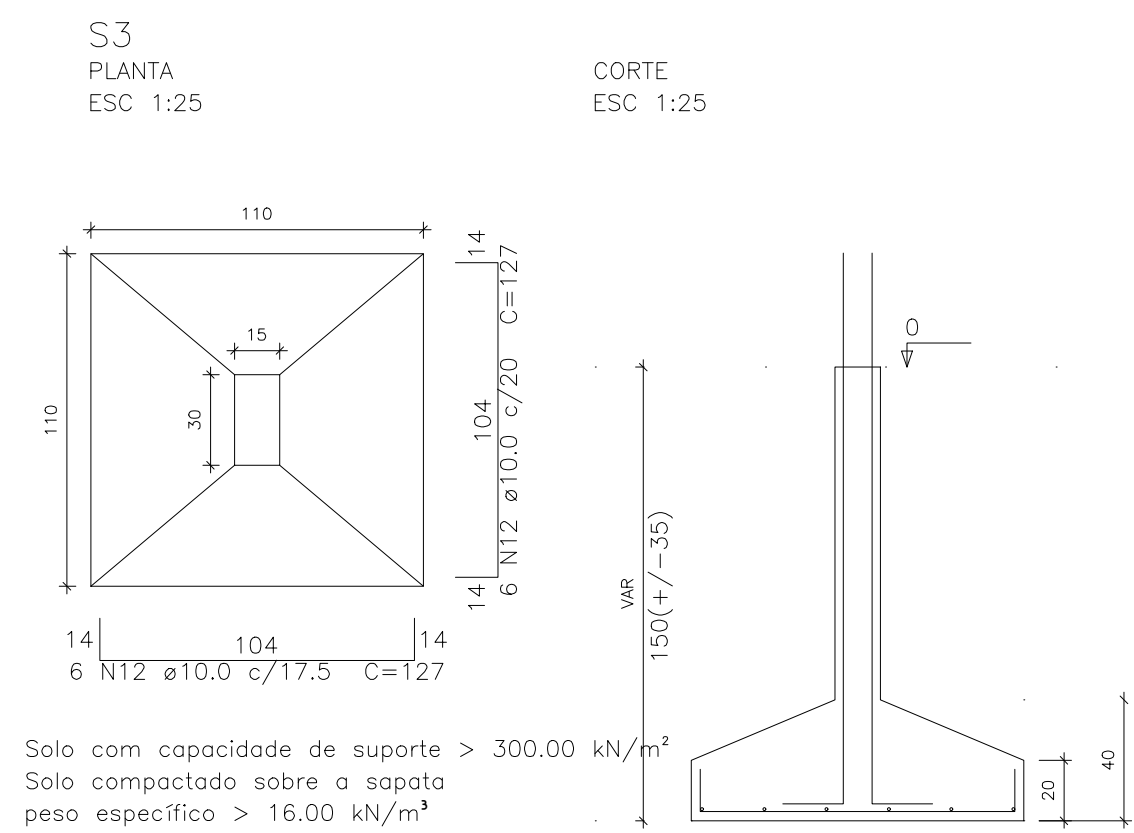
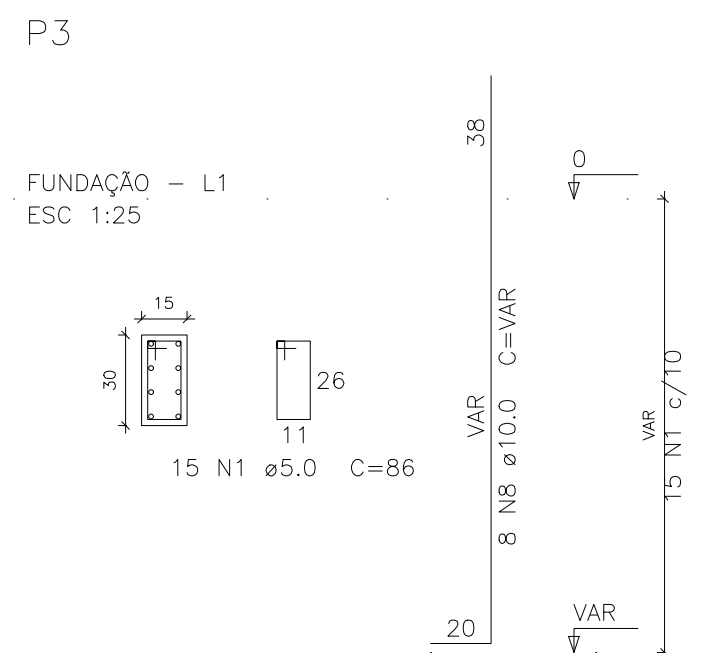
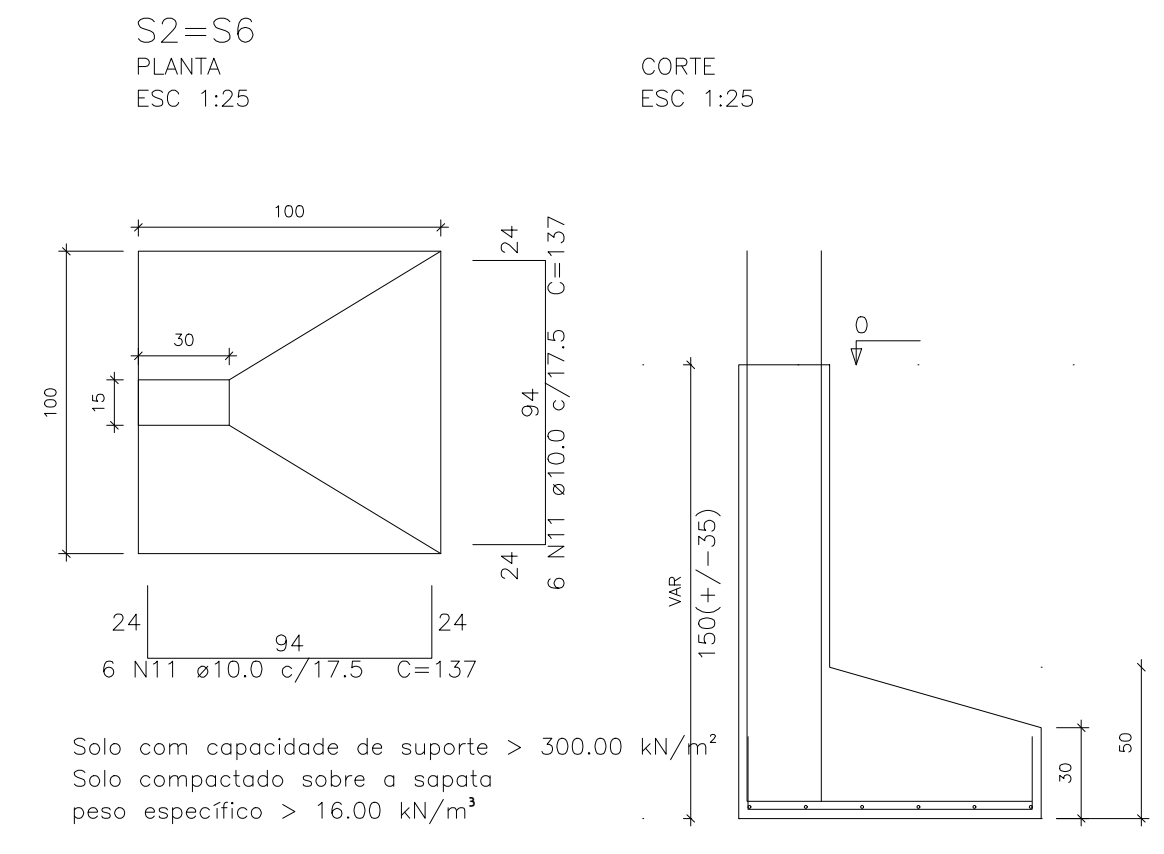
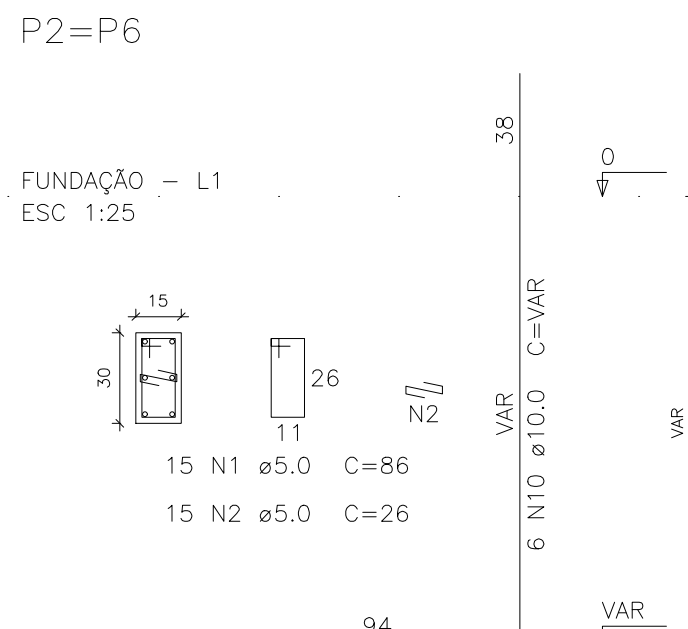
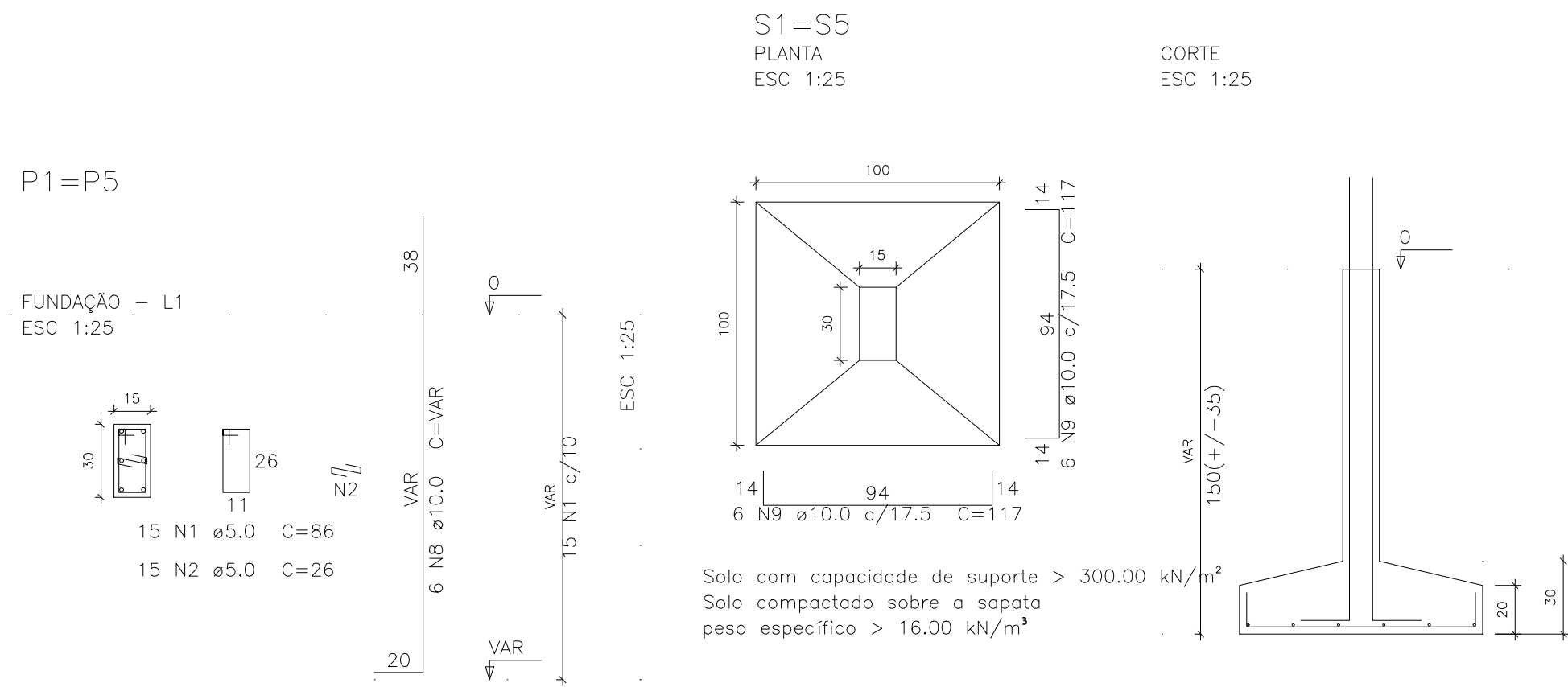



EMITIDO POR	REVISÃO: 1	REVISÃO: 2	REVISÃO: 3	REVISÃO: 4	REVISÃO: 5
DATA	DATA DA REVISÃO	DATA DA REVISÃO	DATA DA REVISÃO	DATA DA REVISÃO	DATA DA REVISÃO



Relação do aço					
Fundação:	2xS1	2xS2			
	S3	S4			
	V1	V2			
	V3	V4			
	V5	V6			
Térreo:	V7	V8			
	Negativos	4xP1			
	2xP3	Positivos			
	V1	V2			
	V3	V4			
	V5				
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	264	86	22.704
	2	5,0	176	26	4576
CA50	3	5,0	342	106	36.252
	4	6,3	48	568	27.264
	5	6,3	28	326	9.128
	6	6,3	28	366	10.248
	7	8,0	28	152	4.256
	8	10,0	20	VAR	VAR
	9	10,0	24	117	2808
	10	10,0	12	VAR	VAR
	11	10,0	24	137	3288
	12	10,0	12	1277	1524
	13	10,0	8	VAR	VAR
	14	10,0	13	187	2431
	15	10,0	1	252	252
	16	10,0	16	603	9648
	17	10,0	2	289	578
	18	10,0	2	307	614
	19	10,0	2	297	594
	20	10,0	2	628	1256
	21	10,0	1	242	242
	22	10,0	10	716	7160
	23	10,0	8	720	5760
	24	10,0	2	246	492
	25	10,0	2	264	528
	26	10,0	2	748	1496
	27	10,0	40	288	11520
	28	10,0	1	596	596
	29	10,0	6	607	3642
	30	10,0	1	332	332
	31	12,5	1	595	595
	32	12,5	3	602	1806

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	466.4	125.5
	8.0	42.6	18.5
	10.0	645.7	437.8
	12.5	24.1	25.4
CA60	5.0	635.4	107.7
PESO TOTAL			
CA50	607.3		
CA60	107.7		

Vol. de concreto total (C-25) = 11.36 m³
Área de forma total = 142.63 m²

	<h1 style="text-align: center;">DEMURS</h1> <h2 style="text-align: center;">Departamento Municipal de Saneamento Urbano</h2>		
	PROJETO Construção de leito de secagem e rede para transporte de chorume no aterro sanitário e pontos de apoio DLU em Muriaé-MG		DV - 095
LOCAL DA OBRA Rua Itagiba de Oliveira - Ponto de Apoio do DLU do Bairro Barra	MUNICÍPIO MURIAÉ - MG		DATA 18/03/2019
	EXTENSÃO OU ÁREA 66,77 m²		ESCALA Indicada
RESPONSÁVEL TÉCNICO:		DEMURS - DEPARTAMENTO MUNICIPAL DE SANEAMENTO URBANO	
MARCOS VINÍCIUS RODRIGUES MARIM ENGº CIVIL CREA 2016103/95/D-RJ	"GUSTAVO GORETTE RODRIGUES" DIRETOR DE DIVISÃO DE ÁGUAS E ESGOTOS		GERALDO Y. DE FREITAS JÚNIOR DIRETOR GERAL