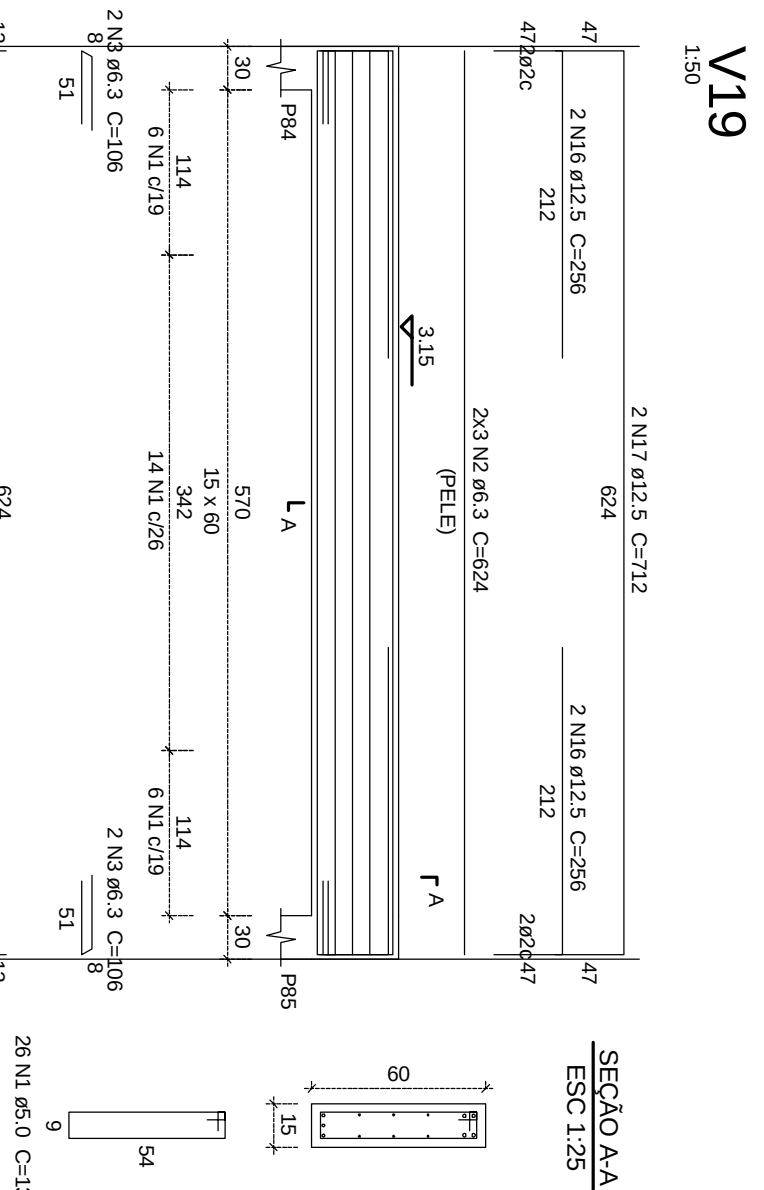
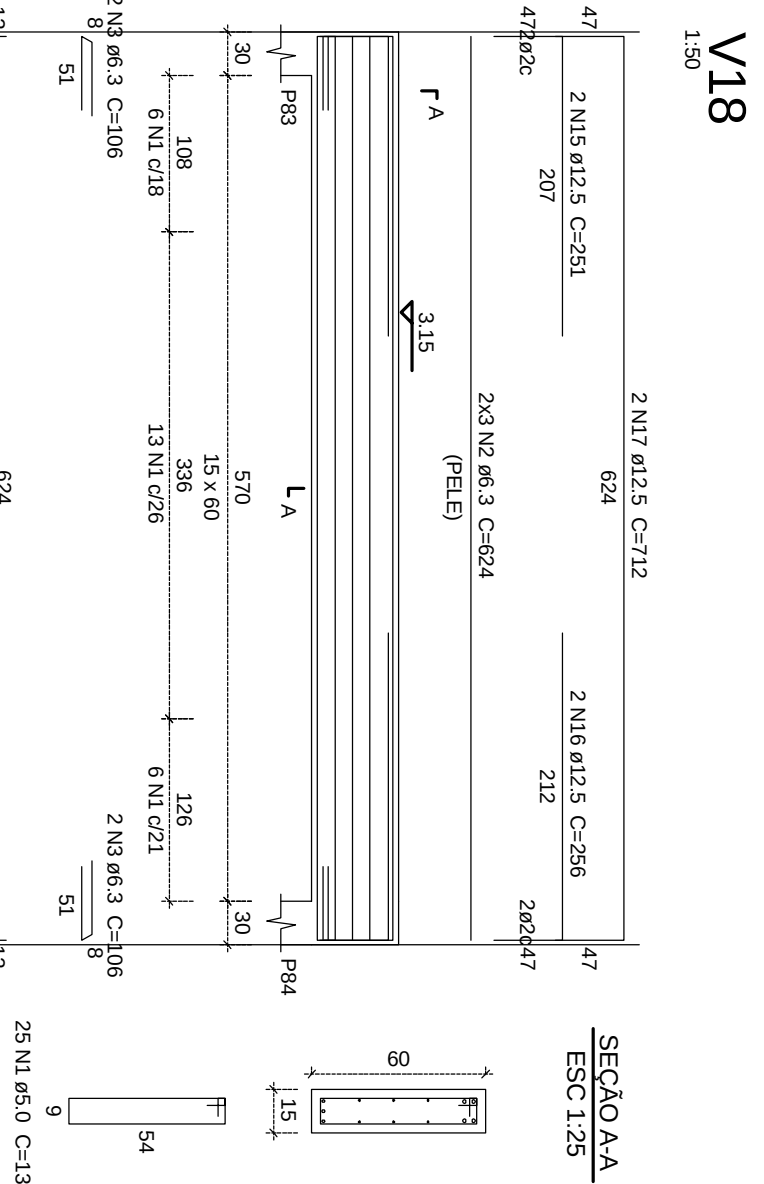
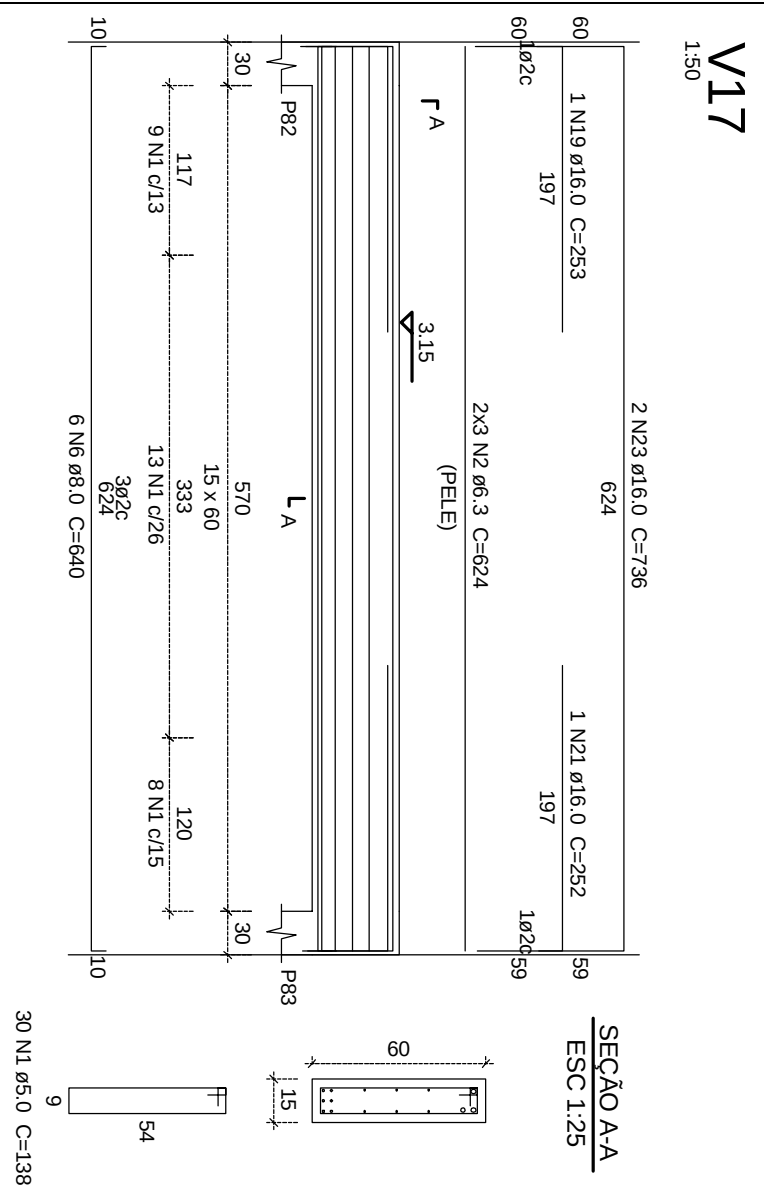
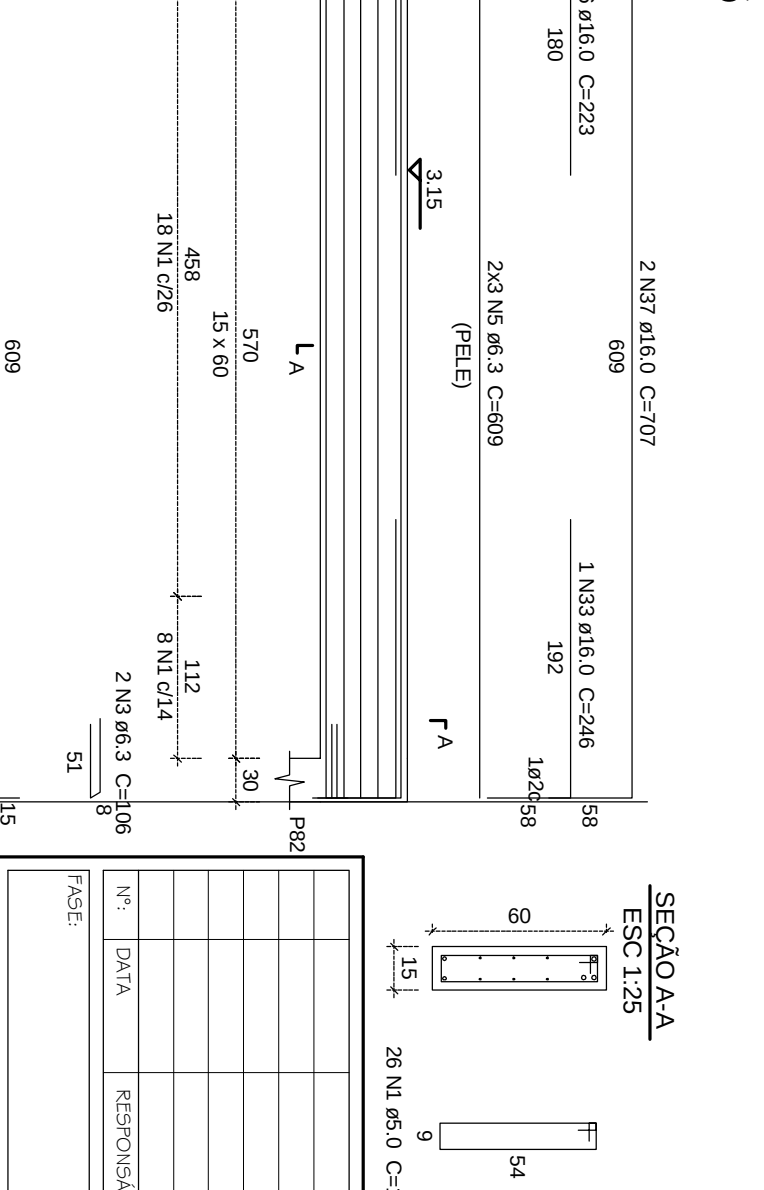
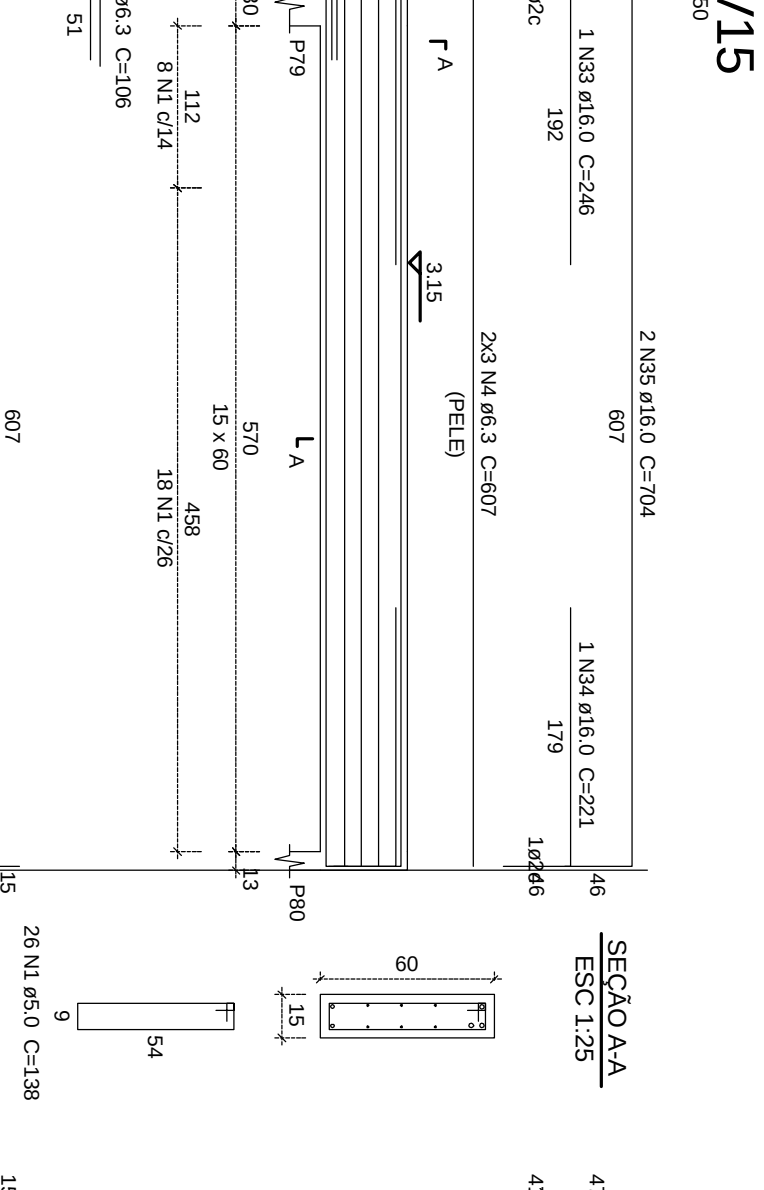
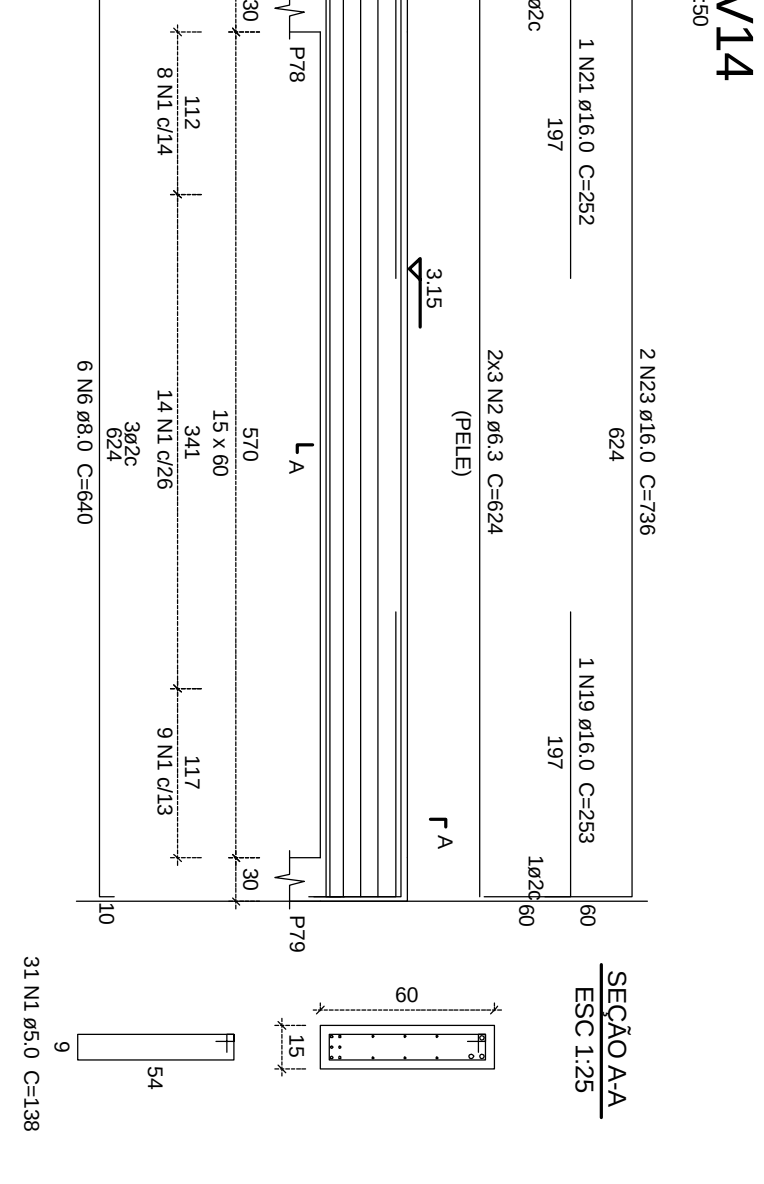
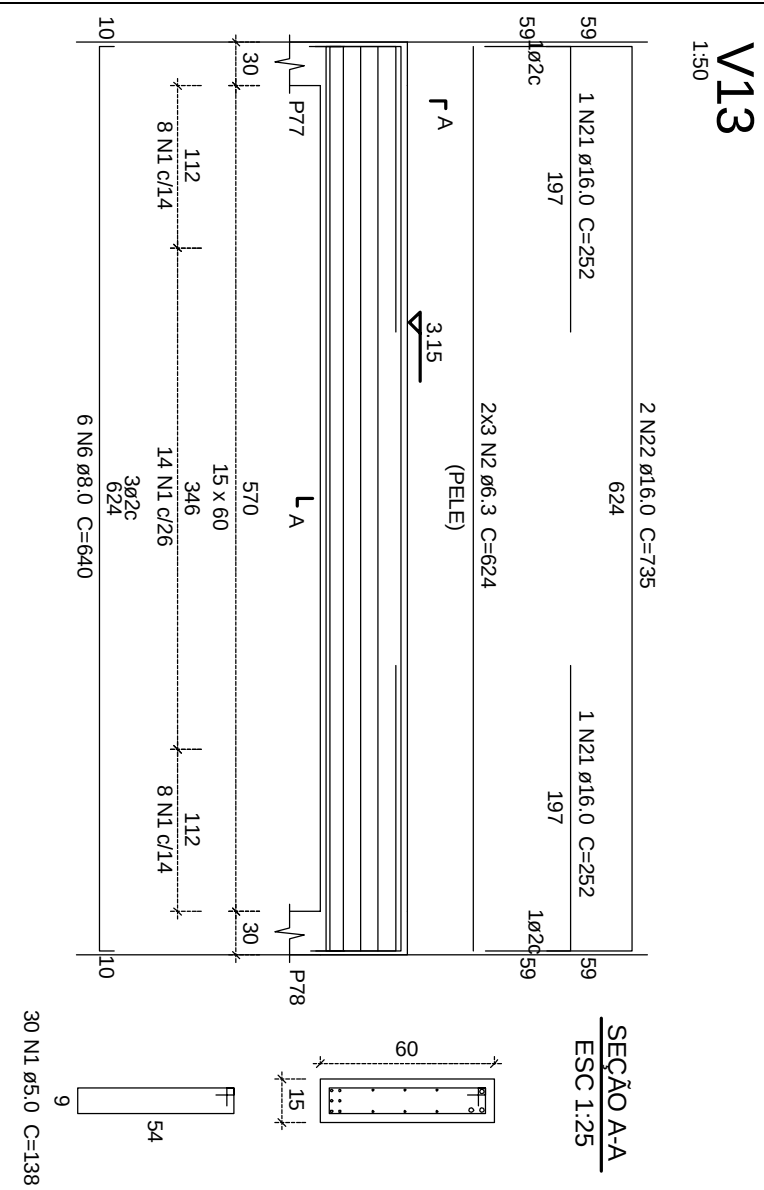
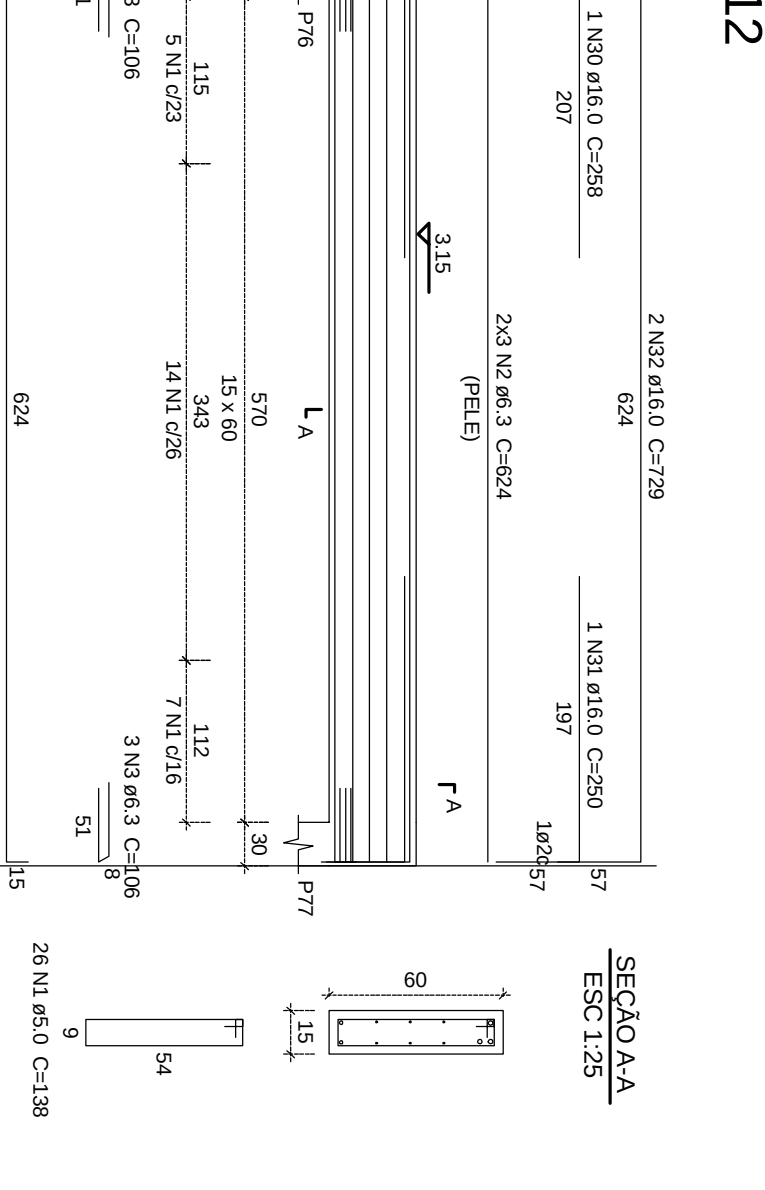
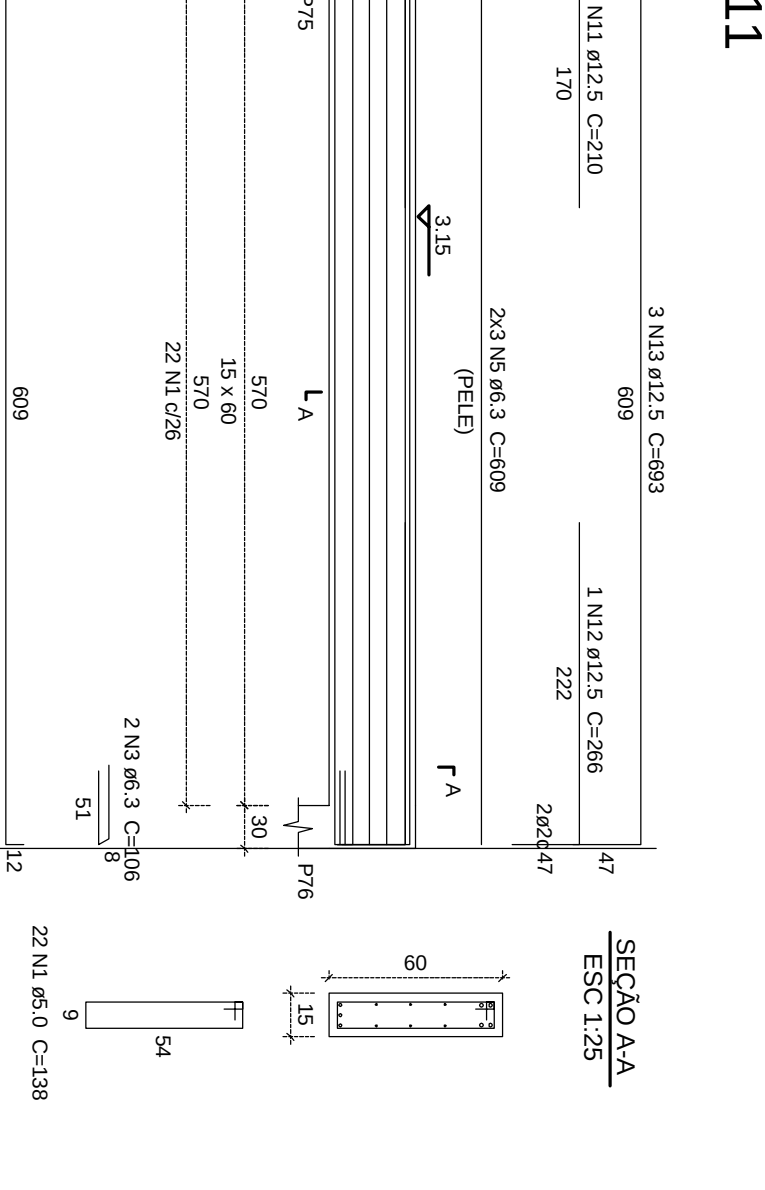
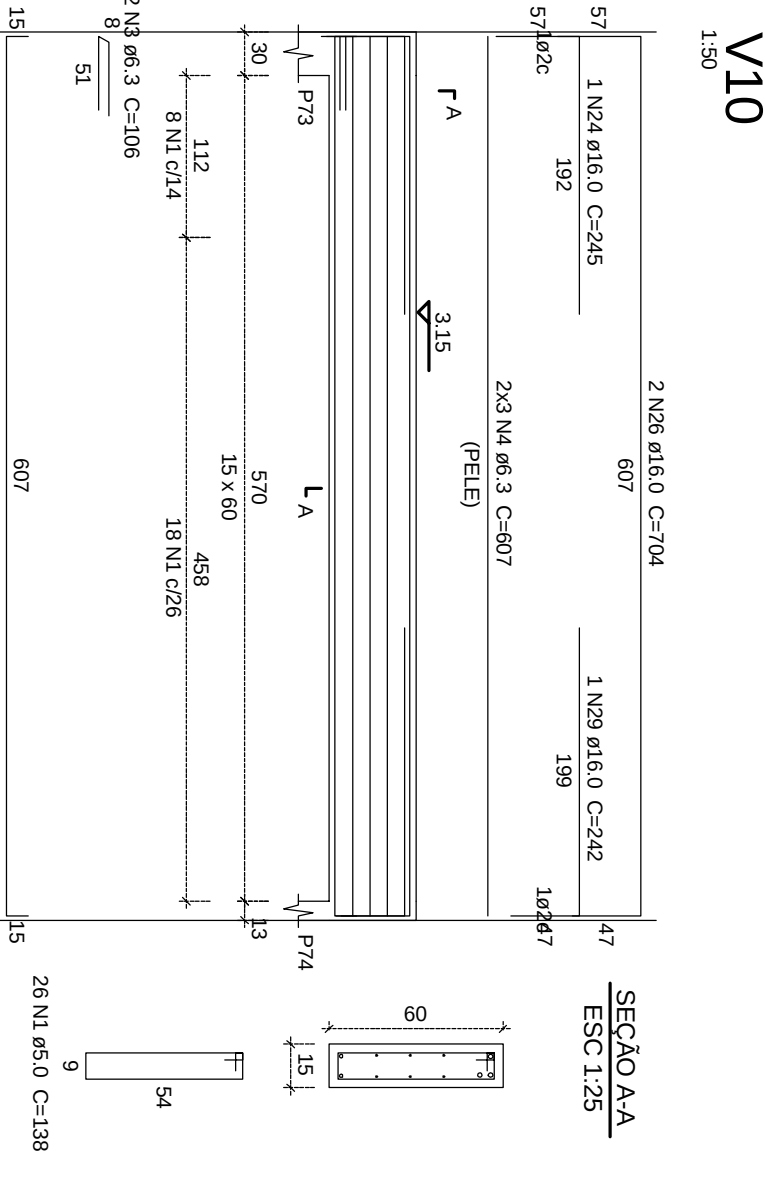
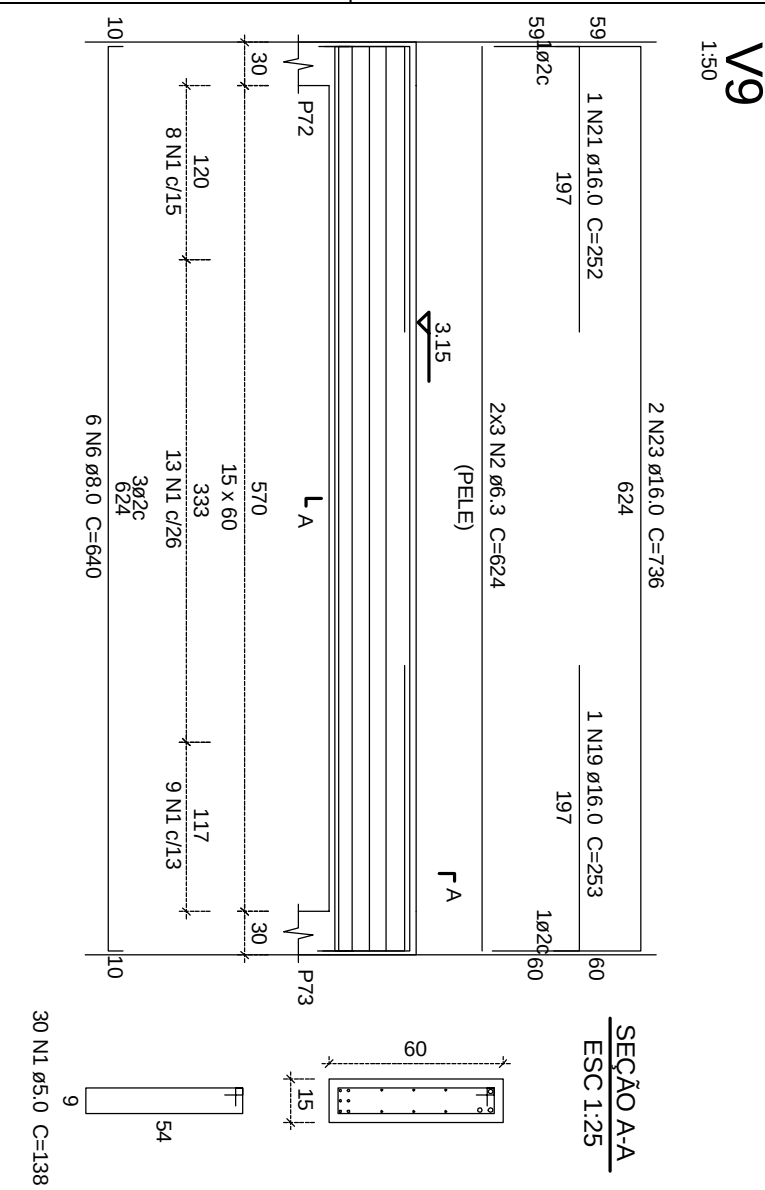
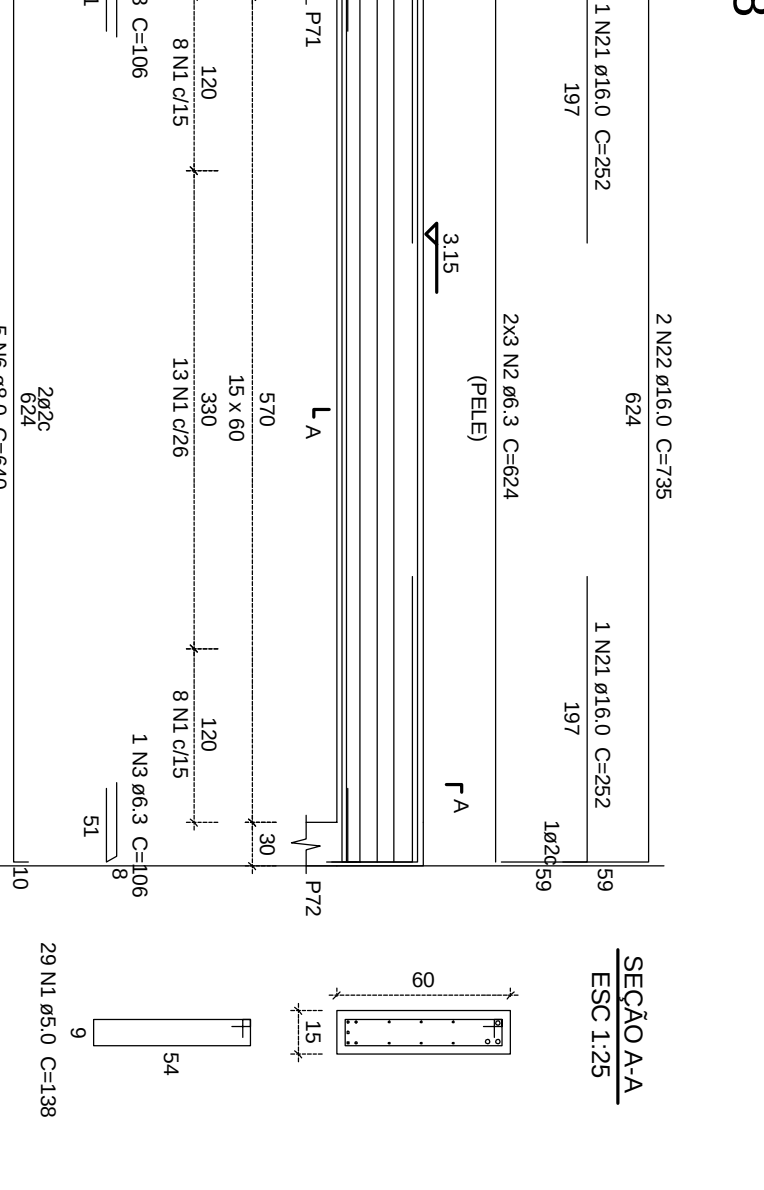
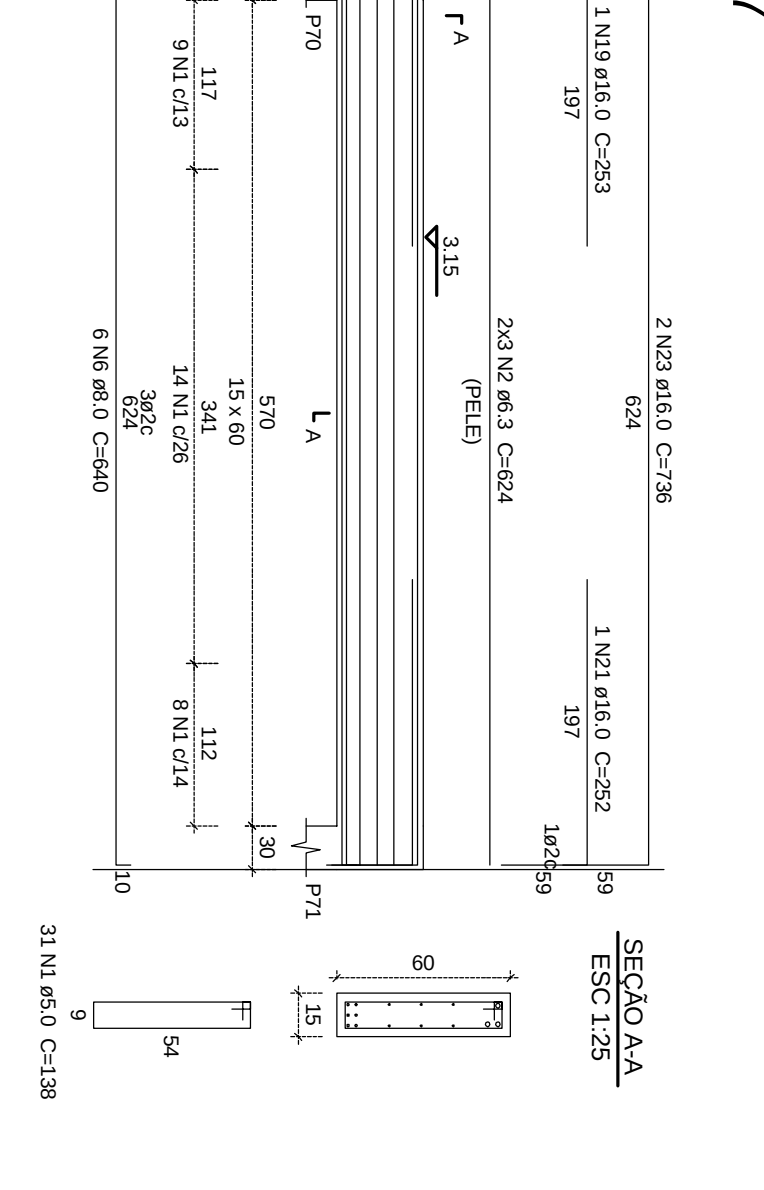
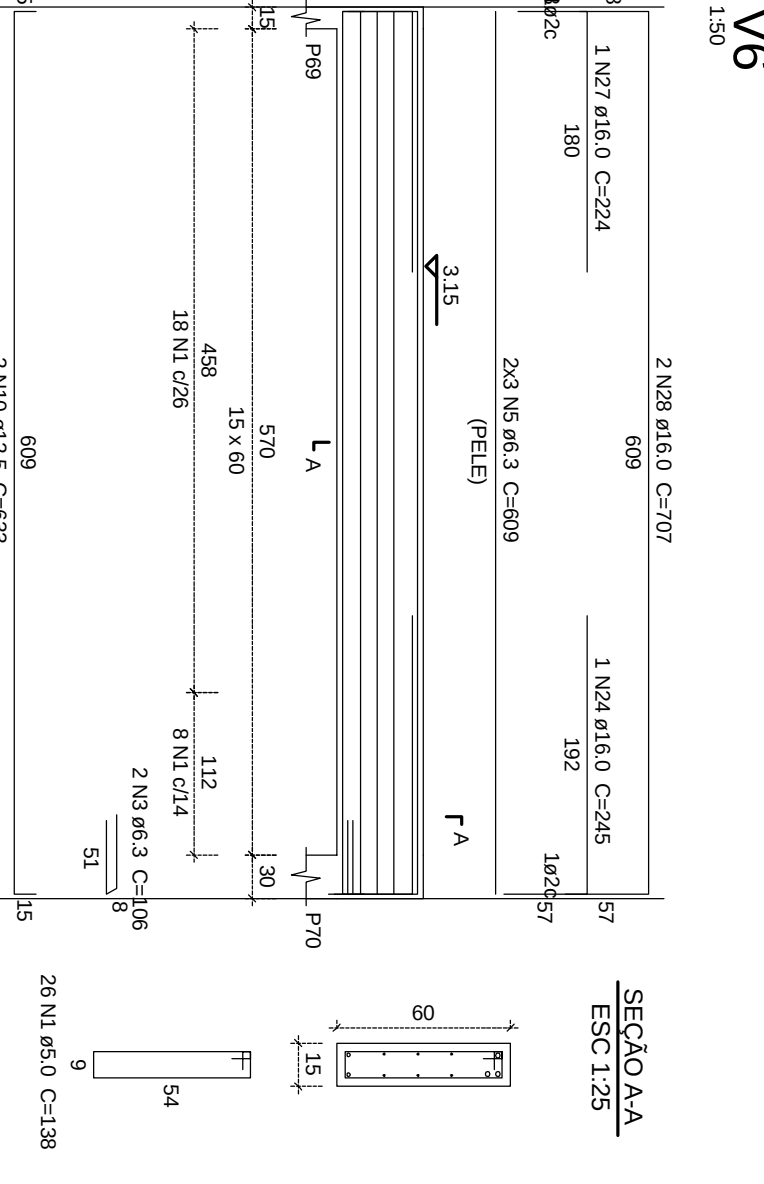
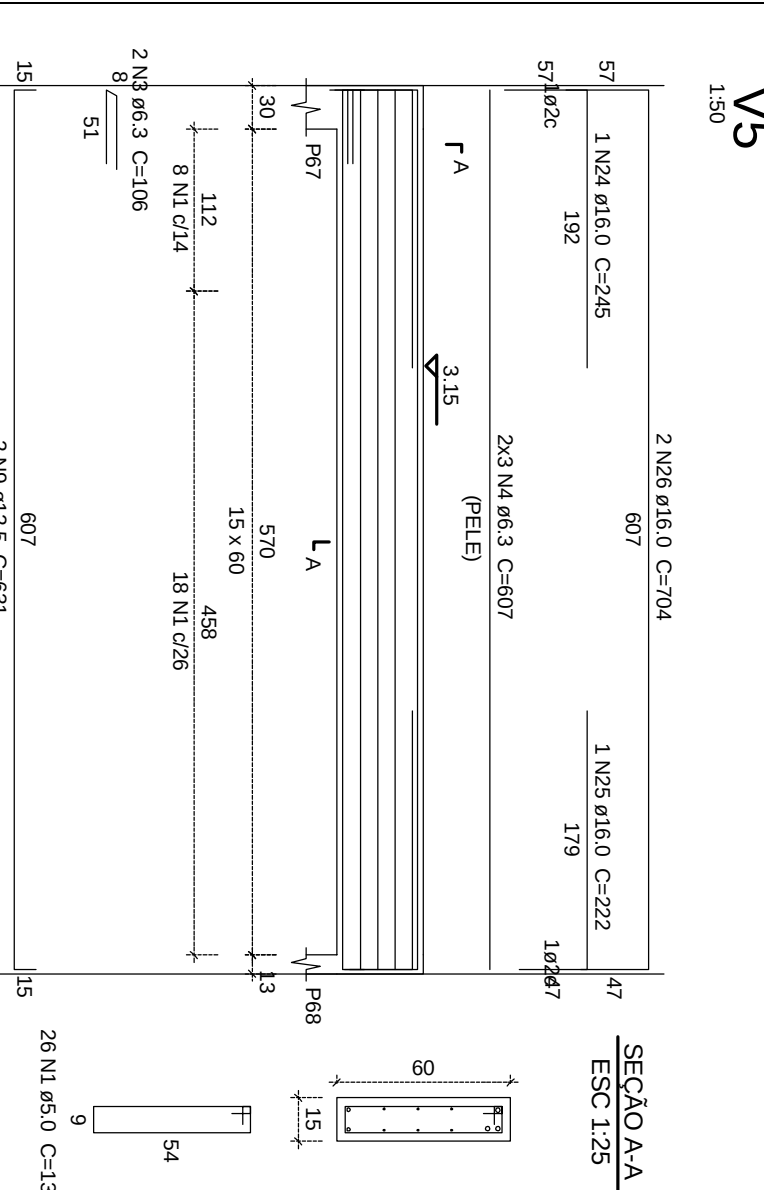
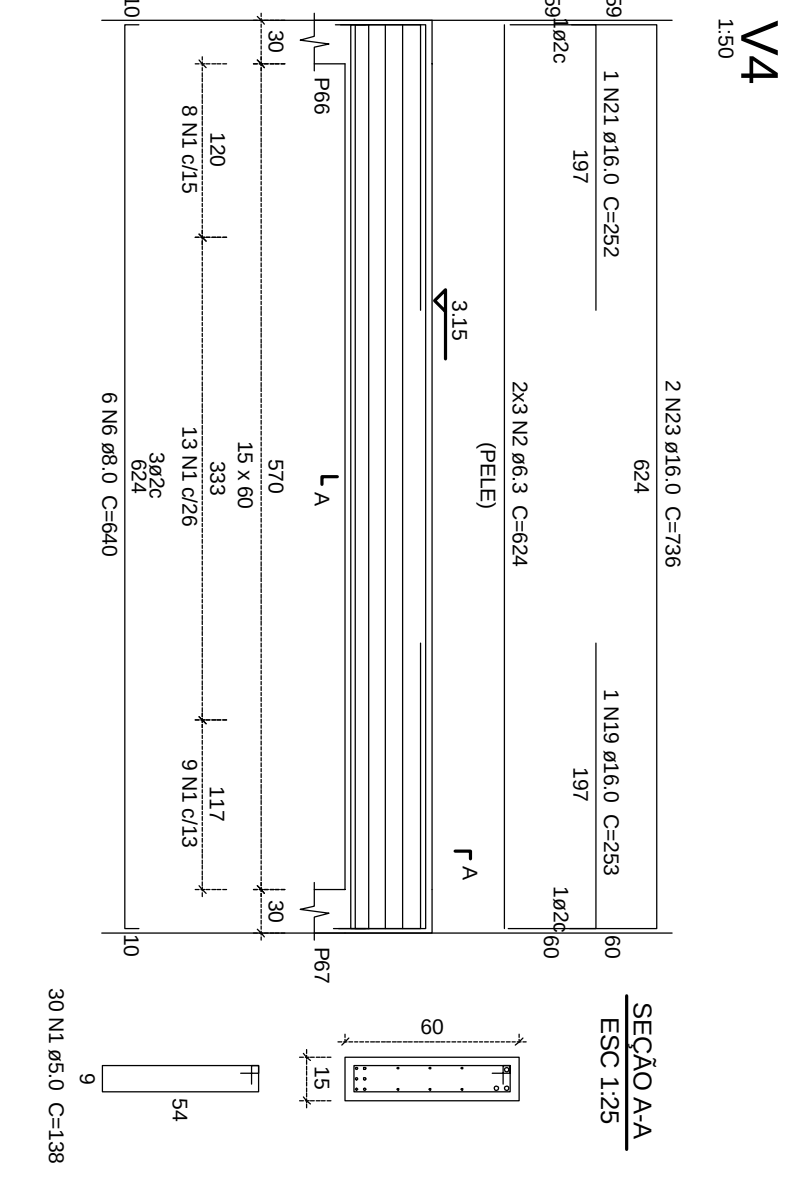
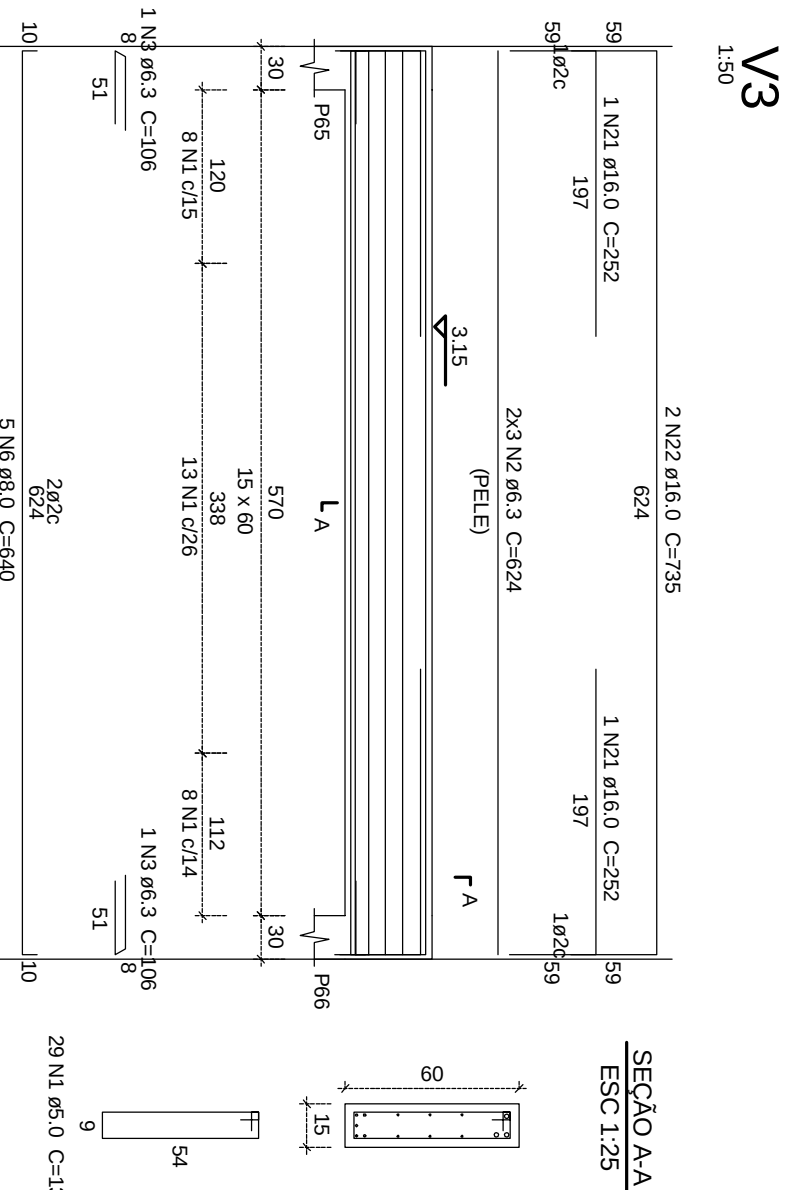
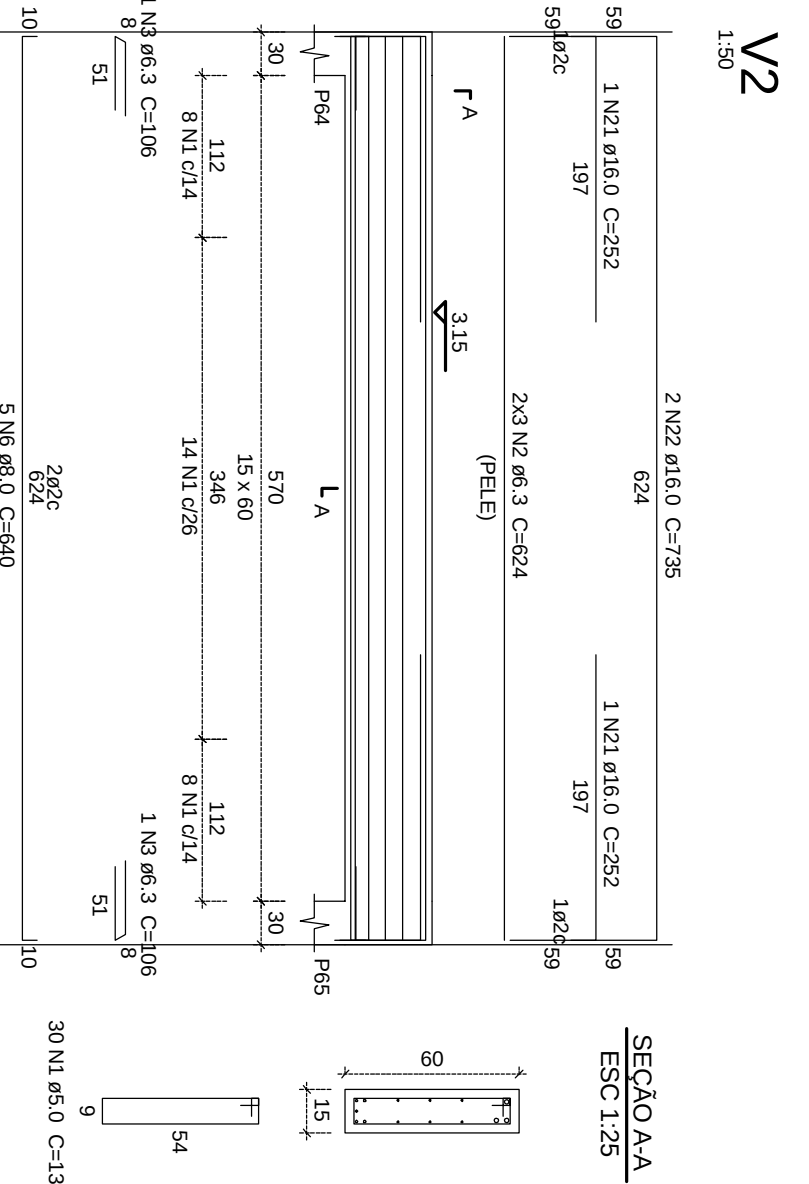
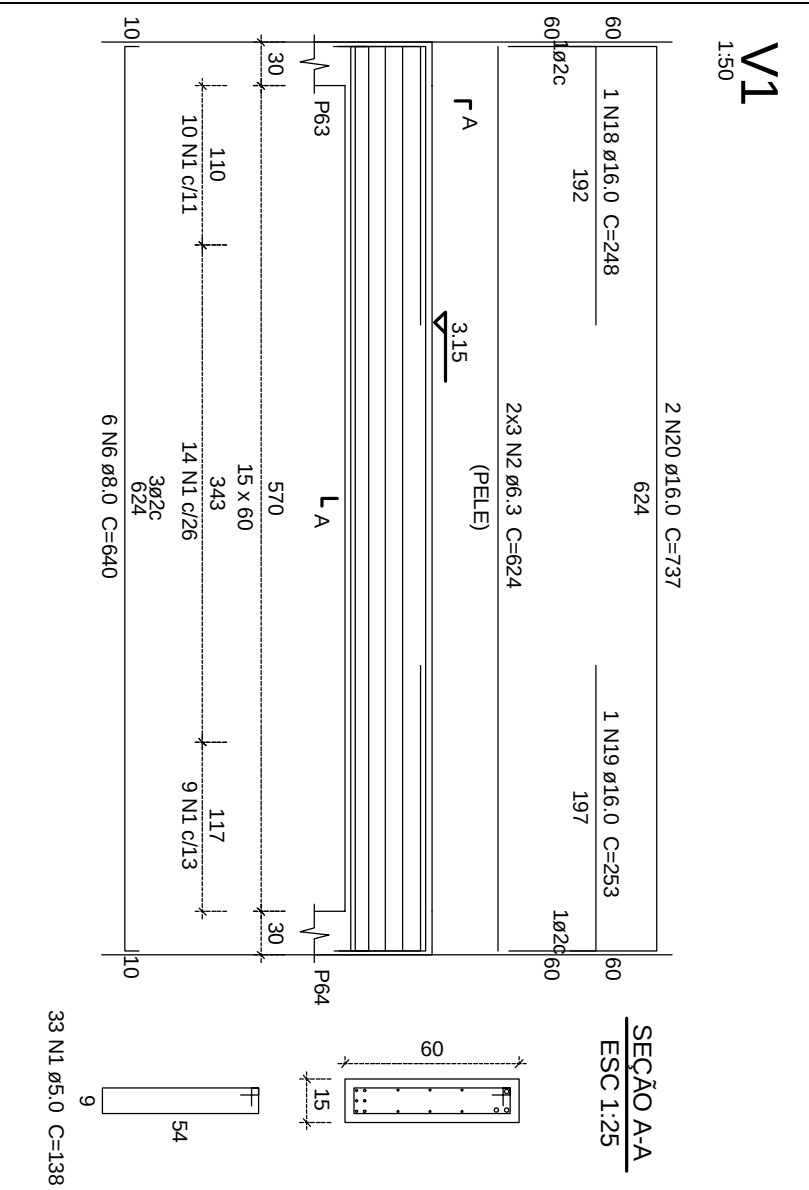




V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14	V15	V16	V17	V18	V19
Relatório do aço																		
AÇO	N	DMM	Q	UMF	C.TOTAL													
					(mm)													
C450	1	5,0	532	138	7316	38872	624	38872	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	2	6,3	78	100	138	4862	172	4862	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	3	6,3	132	160	138	6382	172	6382	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	4	6,3	172	200	138	8382	172	8382	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	5	6,3	188	200	138	8699	172	8699	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	6	6,3	188	200	138	8699	172	8699	10682	36-40	1884	633	2532	2010	210	210	210	210
C450	7	10,0	3	693	633	693	1884	633	693	1884	633	2532	2010	210	210	210	210	210
C450	8	12,5	6	633	633	633	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	9	12,5	6	633	633	633	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	10	12,5	4	633	633	633	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	11	12,5	1	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
C450	12	12,5	1	186	186	186	2010	210	210	210	210	210	210	210	210	210	210	210
C450	13	12,5	1	186	186	186	2010	210	210	210	210	210	210	210	210	210	210	210
C450	14	12,5	2	648	648	648	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	15	12,5	2	251	502	502	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	16	12,5	6	256	1268	1268	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	17	12,5	4	712	2532	2532	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	18	16,0	2	712	2532	2532	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	19	16,0	6	253	1268	1268	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	20	16,0	2	732	2532	2532	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	21	16,0	13	256	3276	3276	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	22	16,0	2	732	2532	2532	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	23	16,0	10	738	2532	2532	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	24	16,0	3	245	735	735	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	25	16,0	4	704	2816	2816	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	26	16,0	4	704	2816	2816	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	27	16,0	4	704	2816	2816	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	28	16,0	1	707	1414	1414	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	29	16,0	1	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242
C450	30	16,0	1	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
C450	31	16,0	1	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
C450	32	16,0	2	246	246	246	246	246	246	246	246	246	246	246	246	246	246	246
C450	33	16,0	2	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221
C450	34	16,0	1	704	1408	1408	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	35	16,0	2	704	1408	1408	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	36	16,0	2	704	1408	1408	1884	633	633	1884	633	2532	2010	210	210	210	210	210
C450	37	16,0	2	707	1414	1414	1884	633	633	1884	633	2532	2010	210	210	210	210	210

Resumo do aço				
AÇO	DMM	C.TOTAL	FESO + 10 %	(kg)
C450	6,3	736,6		193,1
C450	10	384,8		158,3
C450	12,5	119,6		15,0
C450	16,0	31,4		5,0/5
C450	5,0	734,2		124,5
FESO TOTAL				124,5
C450	1066,4			
	124,5			

ACO	DIAM	C.TOTAL (mm)	PESO + 10 % (kg)
CASO	6,3	739,6	199,1
	8,0	364,8	158,3
	10,0	57,5	38,9
	12,5	150,6	159,5
	16,0	311,4	540,5
CABO	5,0	734,2	124,5

Vol. de concreto total (C-25) = 10.69 m³
Área de forma total = 160.3 m²

SEÇÃO A-A
ESC 1:25

60
15
54
9

26 NI Ø5,0 C-130

[illegible]

CONFERIR MEDIDAS NA OBRA

ARQUIBANCADA E ÁREAS DE APOIO DA PISTA DE

CAMPUS DIAMANTINA
RODOVIA MG 367 KM 583 NR 5000 - AUTO DA JACIE

CONTRATANTE:	CNPJ
UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI	16.888.315/0001-57

DEL. DAS VIGAS NIVEL 3.15 01/03

AUTOR PROJETO ESTRUTURAL / RT:

MACEDO
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 CNPJ: 09.256.686/0001-57
 R. ENG. CIVIL ANTÔNIO MURILDO DE MACEDO - CERR. 81746/DW6
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MACEDO
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 www.amacedoengenharia.com.br
 Fones: (31) 3771-0554 / 9997-3184

ИРРАДИАЦИЯ:	DATA:	АВТОРА:
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[illegible]

LHA:
64/70