

A

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C

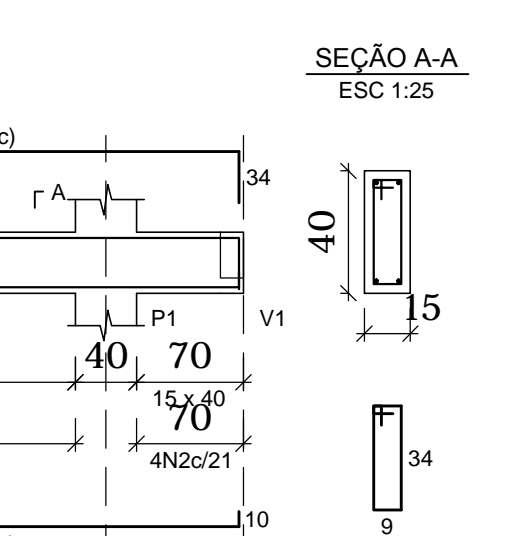
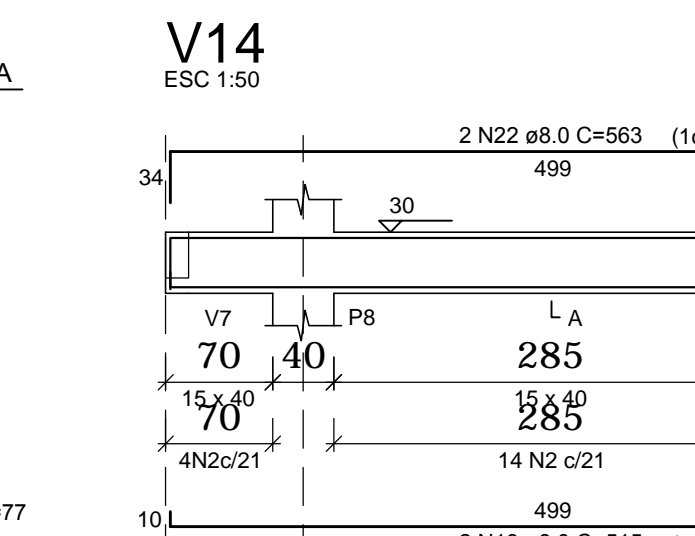
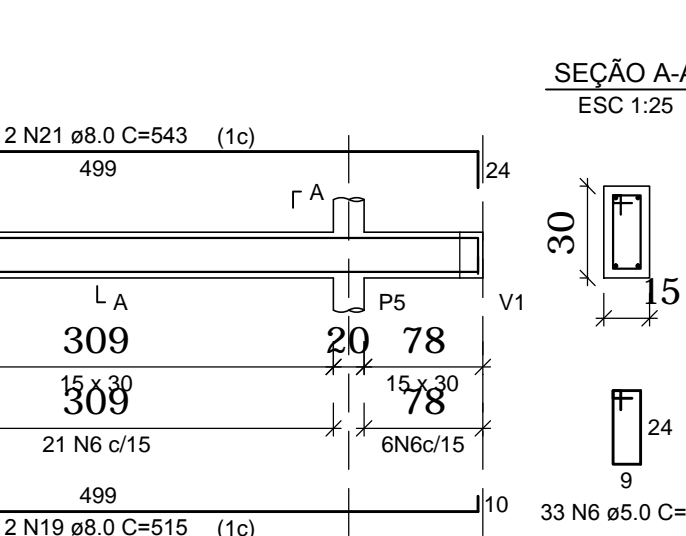
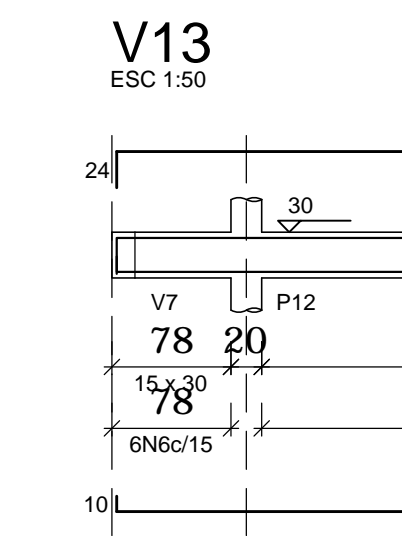
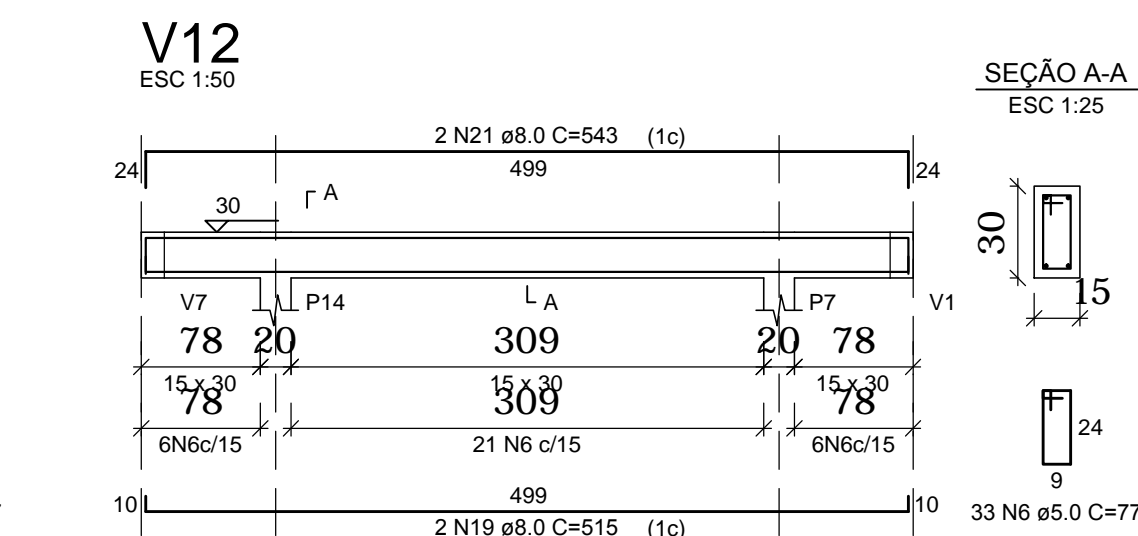
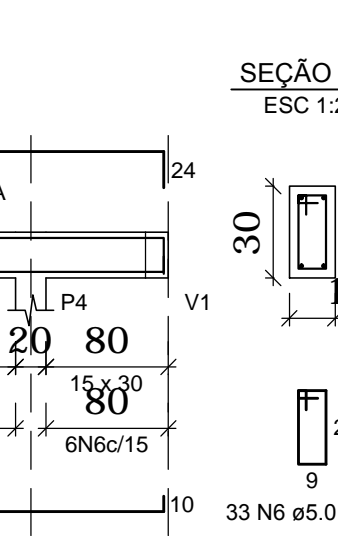
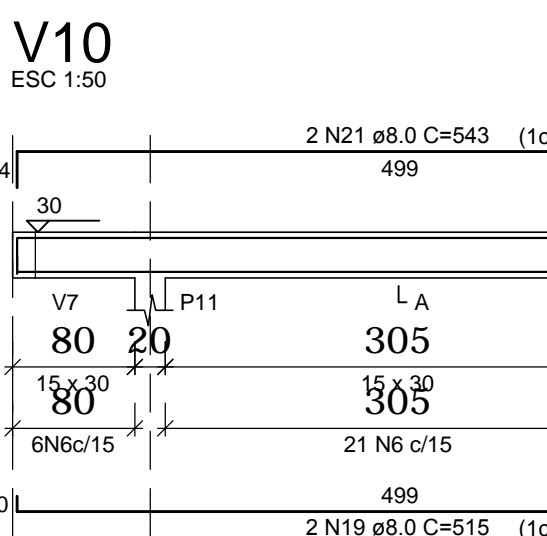
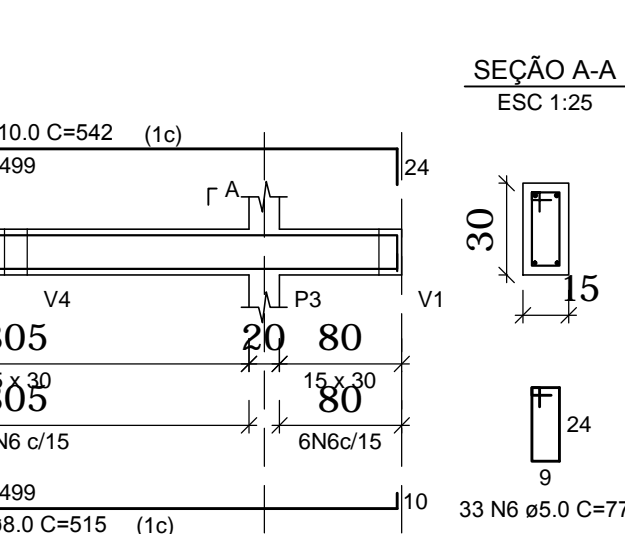
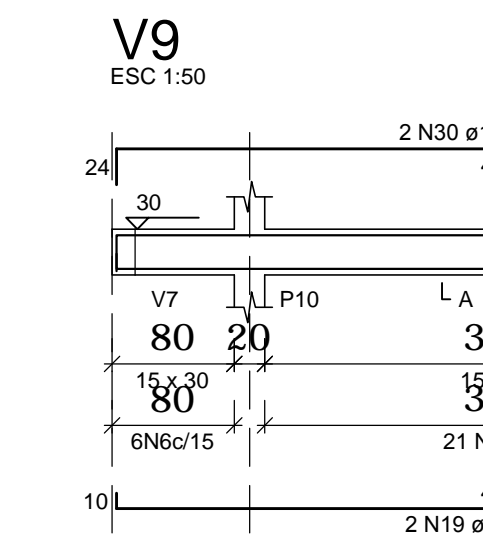
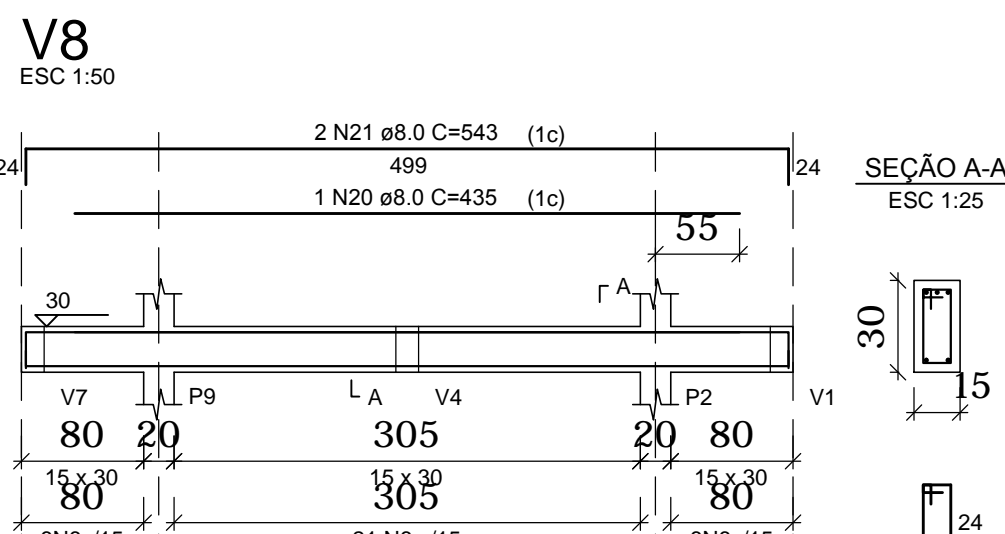
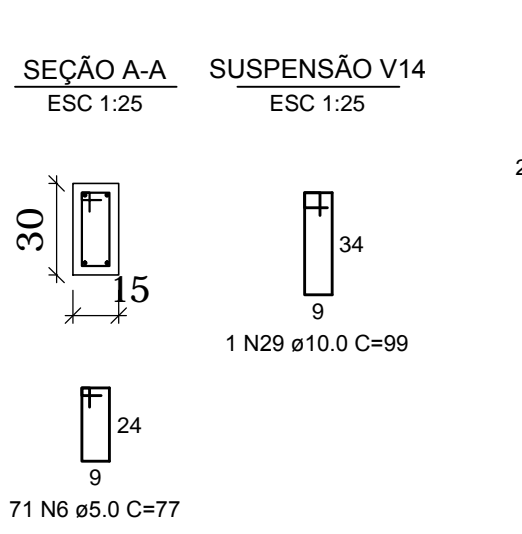
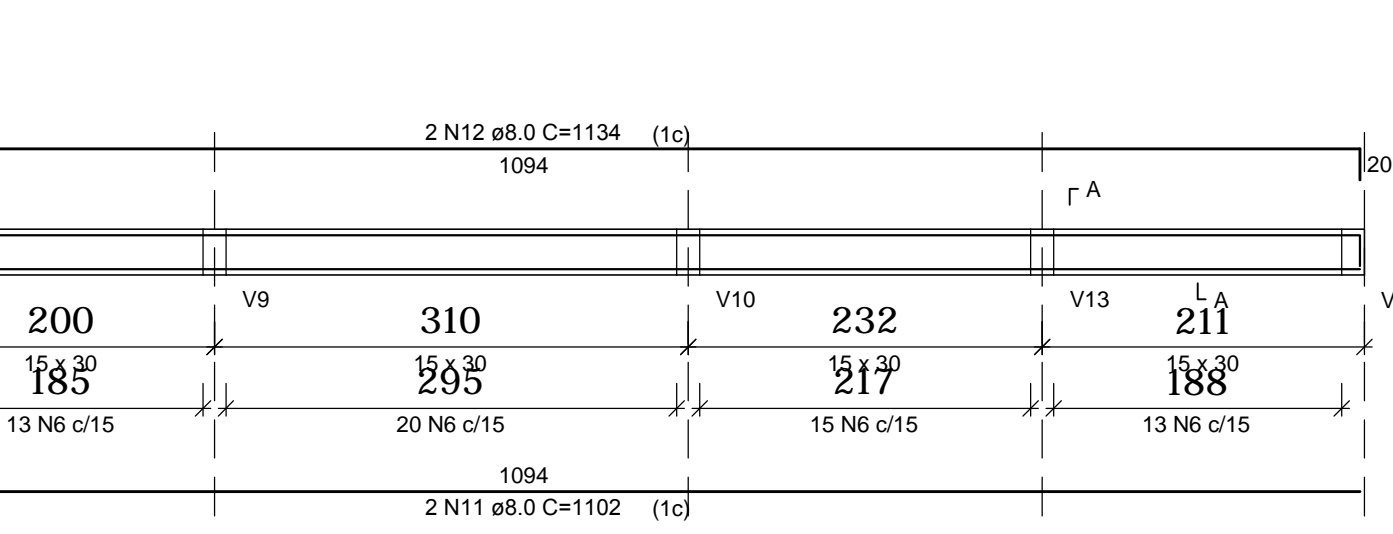
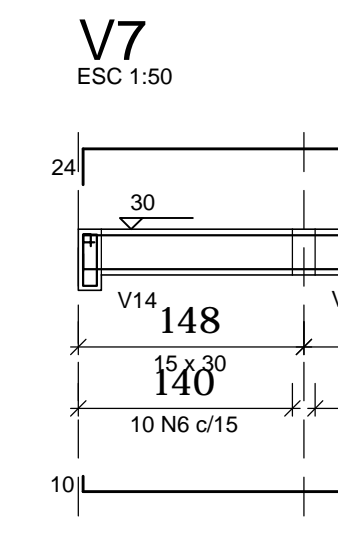
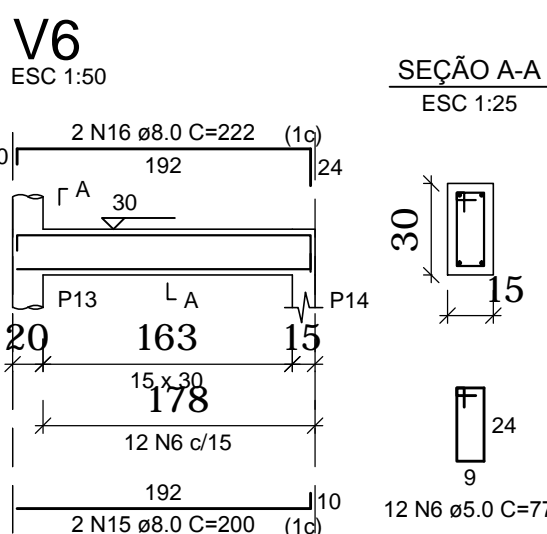
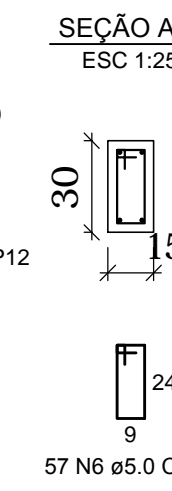
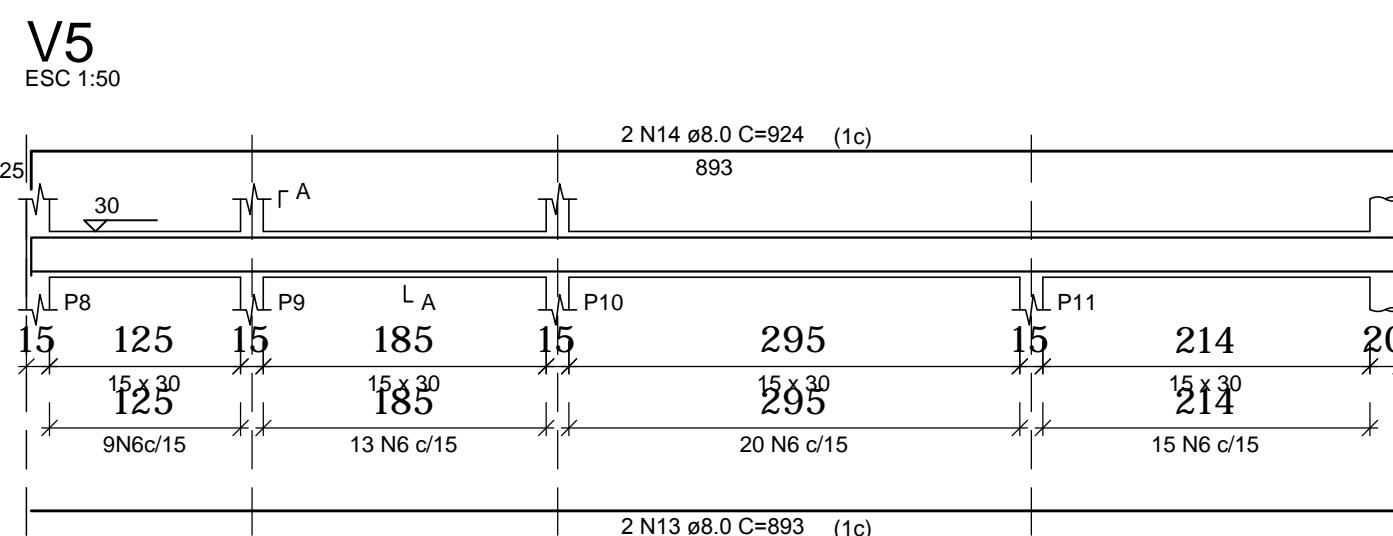
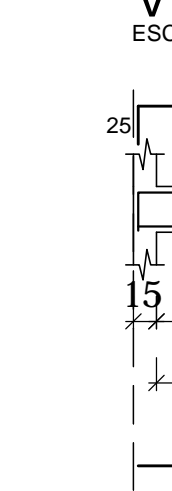
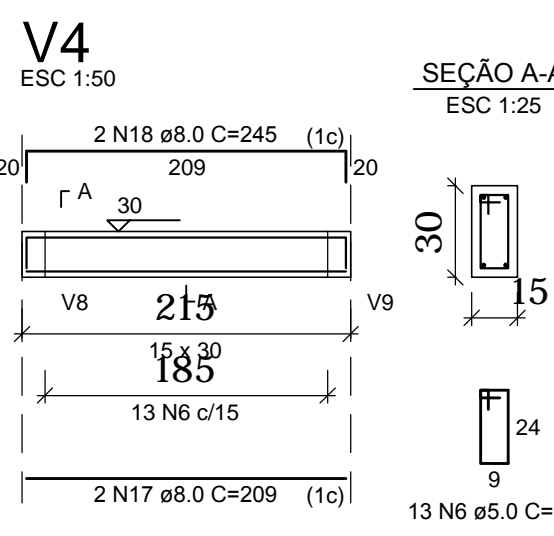
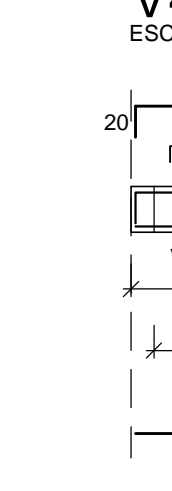
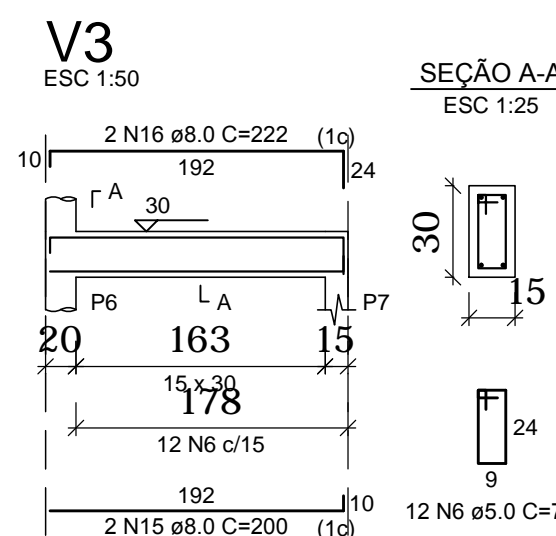
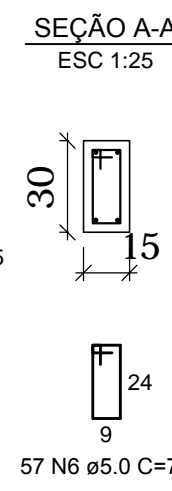
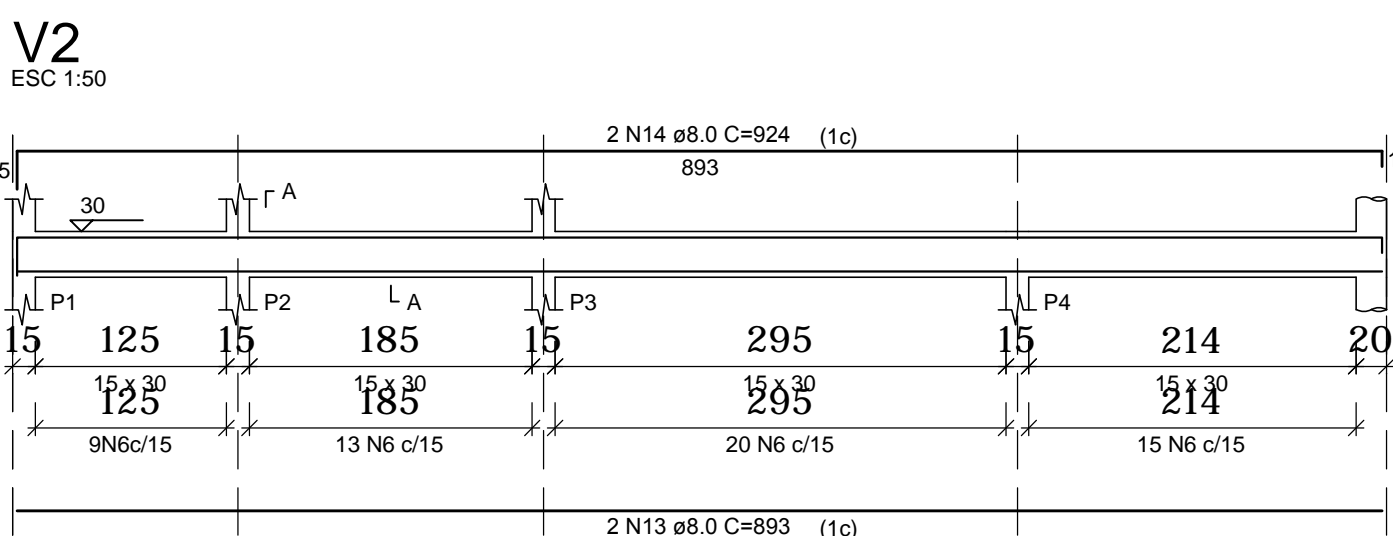
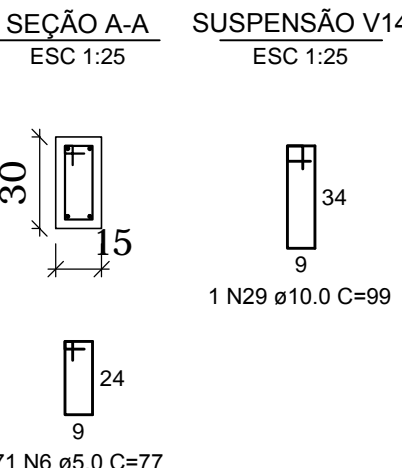
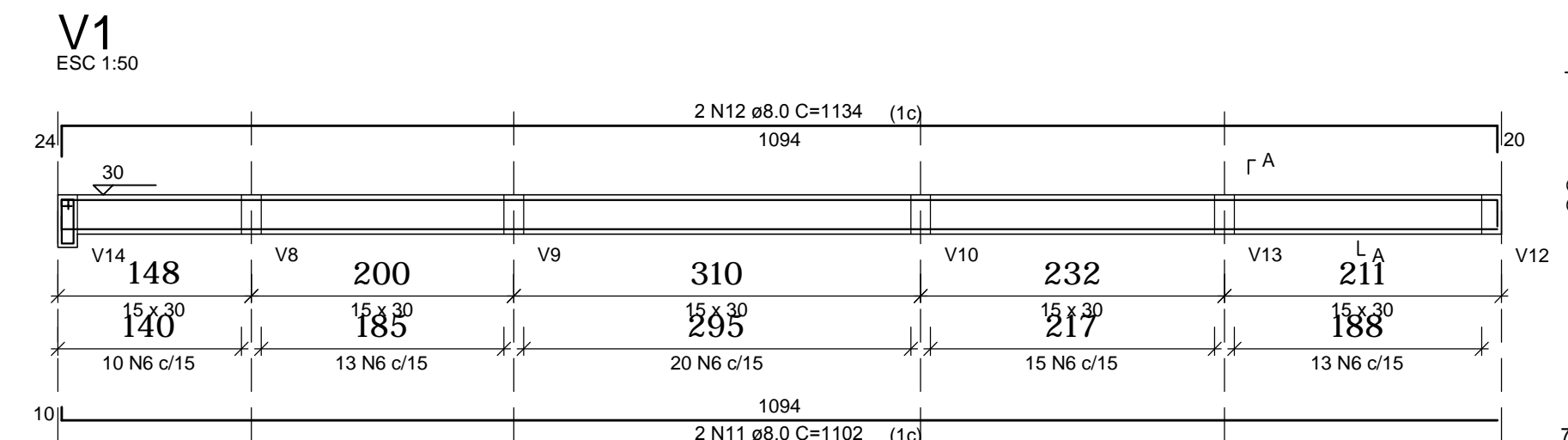
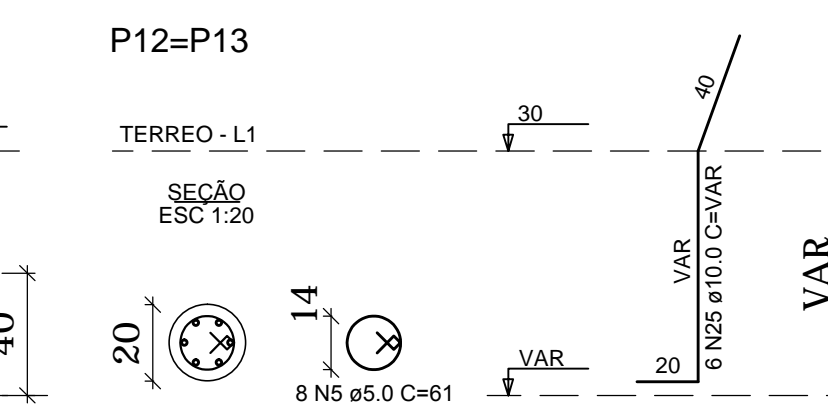
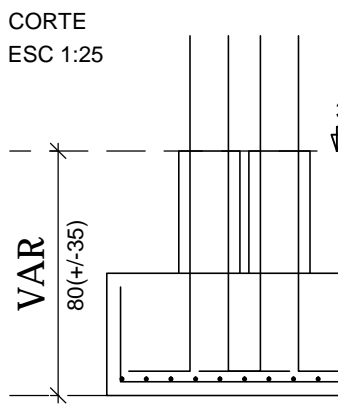
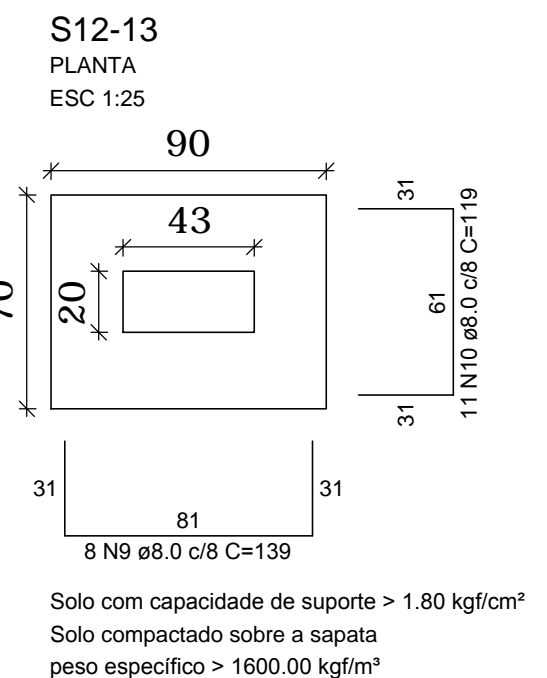
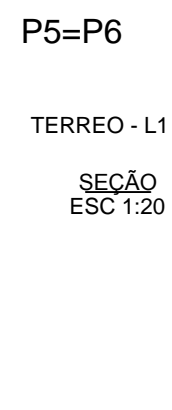
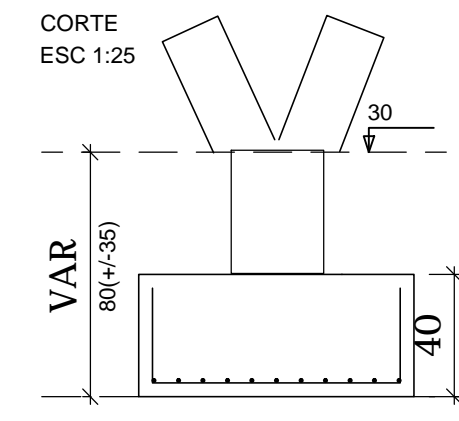
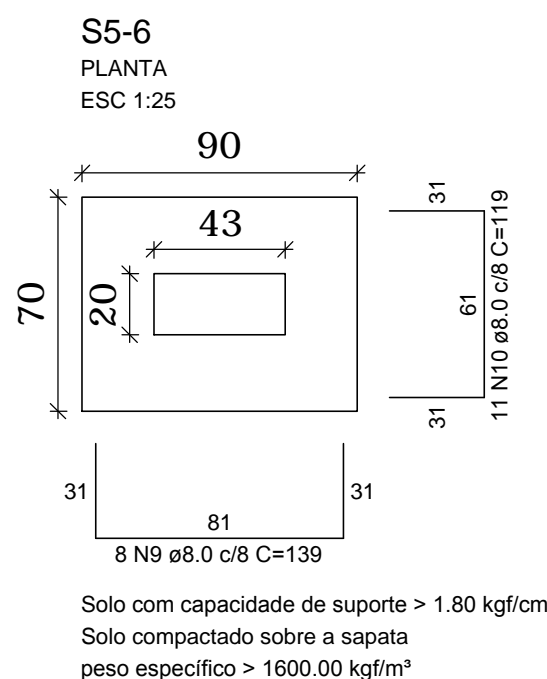
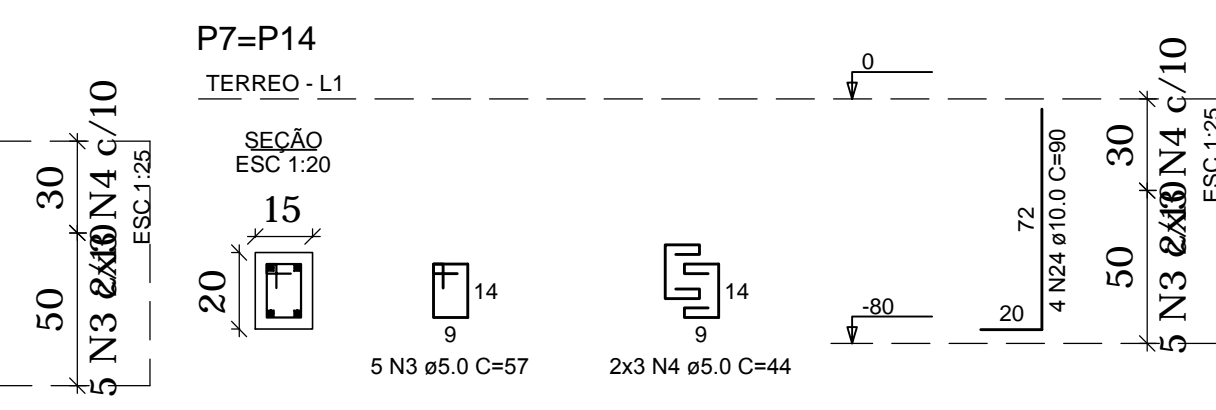
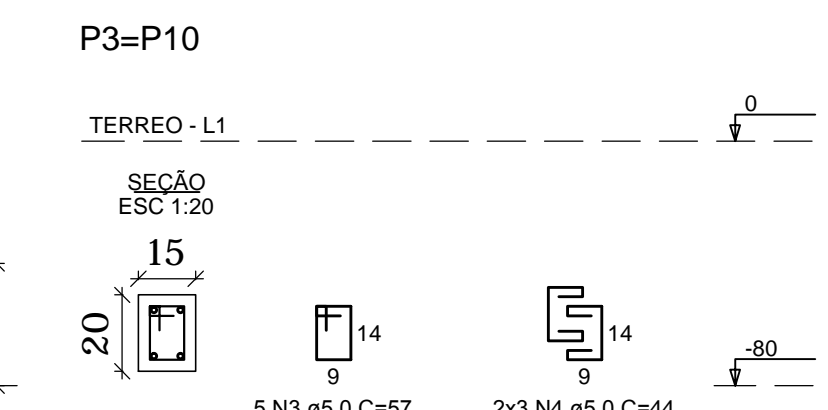
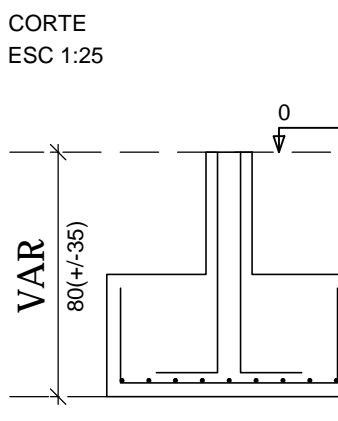
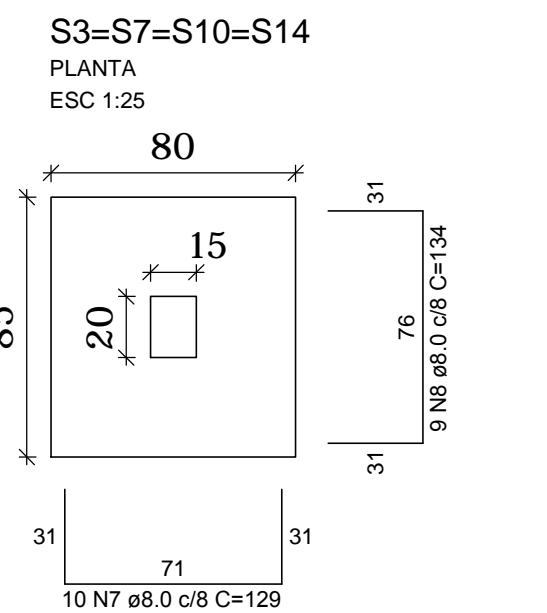
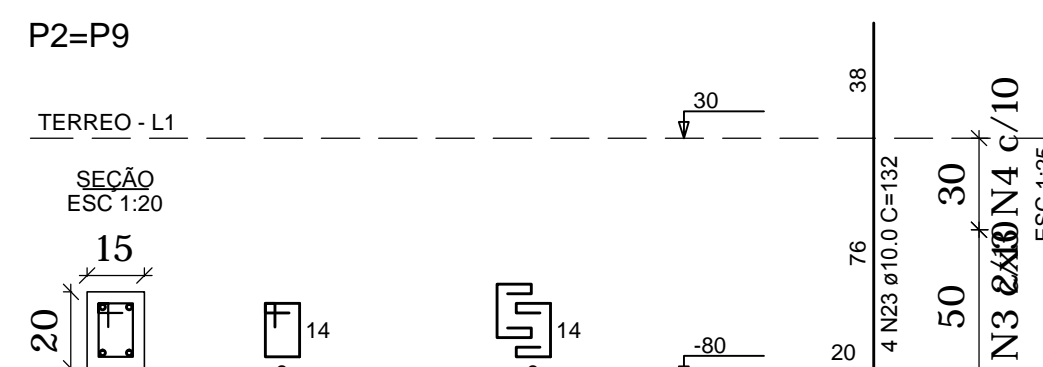
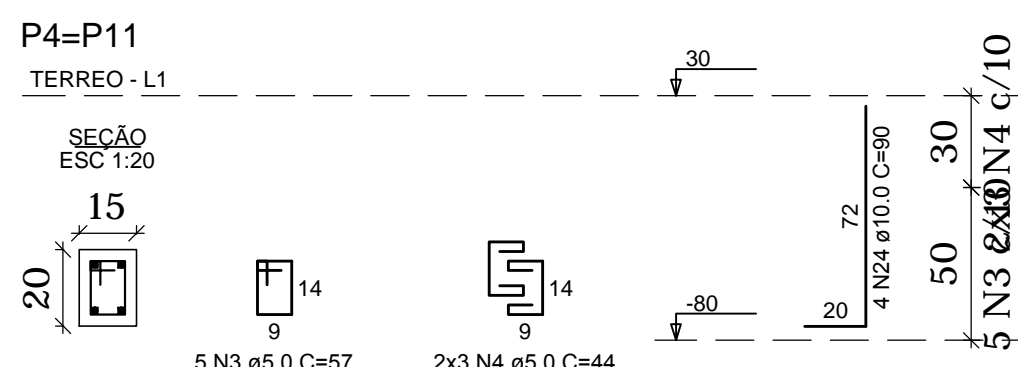
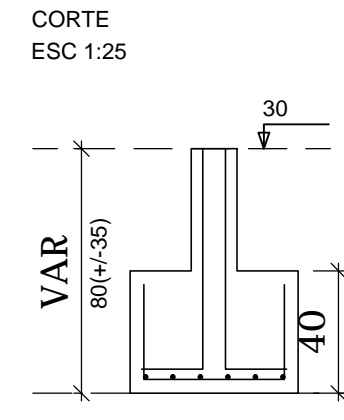
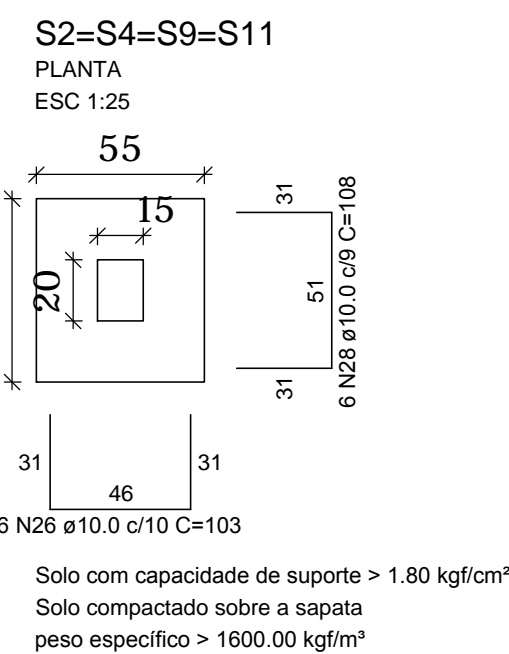
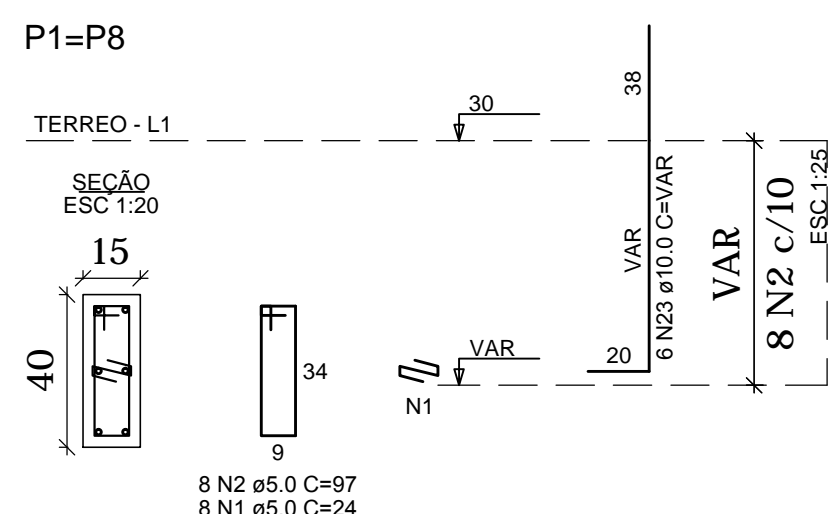
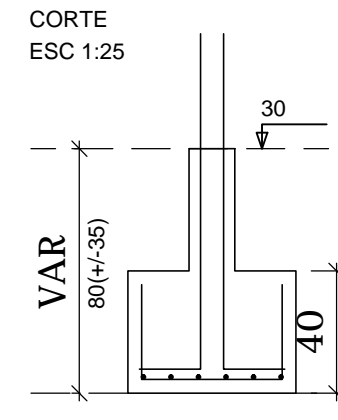
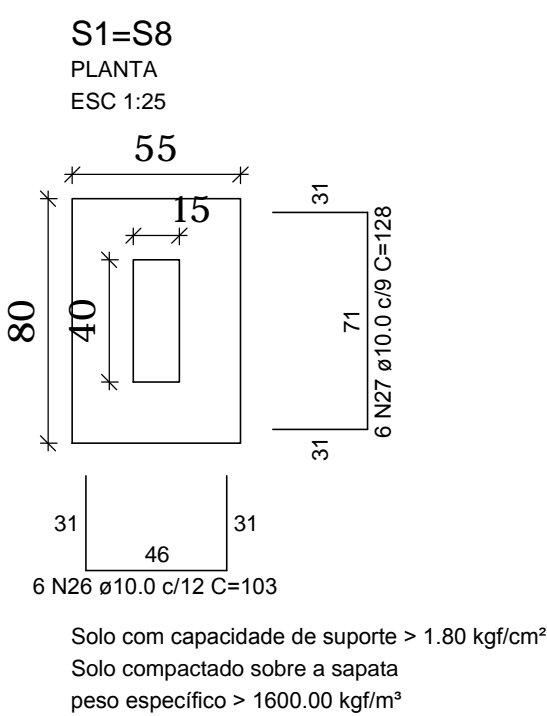
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RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	16	24	384
	2	5.0	38	97	3686
	3	5.0	40	57	2280
	4	5.0	48	44	2112
	5	5.0	16	61	976
	6	5.0	458	77	35206
	7	8.0	40	129	5160
	8	8.0	36	134	4824
	9	8.0	16	139	2224
	10	8.0	22	119	2618
	11	8.0	4	1102	4408
	12	8.0	4	1134	4536
	13	8.0	4	893	3572
	14	8.0	4	924	3696
	15	8.0	4	200	800
	16	8.0	4	222	888
	17	8.0	2	209	418
	18	8.0	2	245	490
	19	8.0	12	515	6180
	20	8.0	1	435	435
	21	8.0	8	543	4344
	22	8.0	2	563	1126
	23	10.0	28	VAR	VAR
	24	10.0	18	30	1440
	25	10.0	12	VAR	VAR
	26	10.0	36	103	3708
	27	10.0	12	128	1536
	28	10.0	24	108	2592
	29	10.0	2	99	198
	30	10.0	2	542	1084

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	457.2	198.4
CA60	5.0	158.6	107.6
PESO TOTAL (kg)			75.8
CA50		306	
CA60		75.8	

Volume de concreto (C-25) = 6.37 m³  
Área de forma = 80.23 m²

ESCRITÓRIO RESPONSÁVEL:

**BC Consultores**  
Engenharia Civil  
http://bcconsultores.com.br

1	REV. CONFORME COMENTÁRIO CAIXA	21/11/2018	SERGIO	DANILO	DANILO
2	EMISSIONAL INICIAL	22/06/2018	SERGIO	SERGIO	SERGIO
REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.
APROVADO					
 <b>PREFEITURA SAQUAREMA</b> TRABALHO E RESPEITO		SECRETÁRIO DE OBRAS E URBANISMO			
TÍTULO		URBANIZAÇÃO ORLA DE JACONE			
LOCAL		ORLA DE JACONE, AVENIDA BEIRA MAR		ARG. ELETRÔNICO	
PROJETO		JACONE - SAQUAREMA		DE-501.18-EST-001 A 004=1.DWG	
Nº		DE-501.18-EST-002			
ESCALA		DATA		FRANCHA	
INDICADA		JUNHO/2018		02/04	
SERGIO B. F. CANARIM - CREA-RJ 23.979/D					