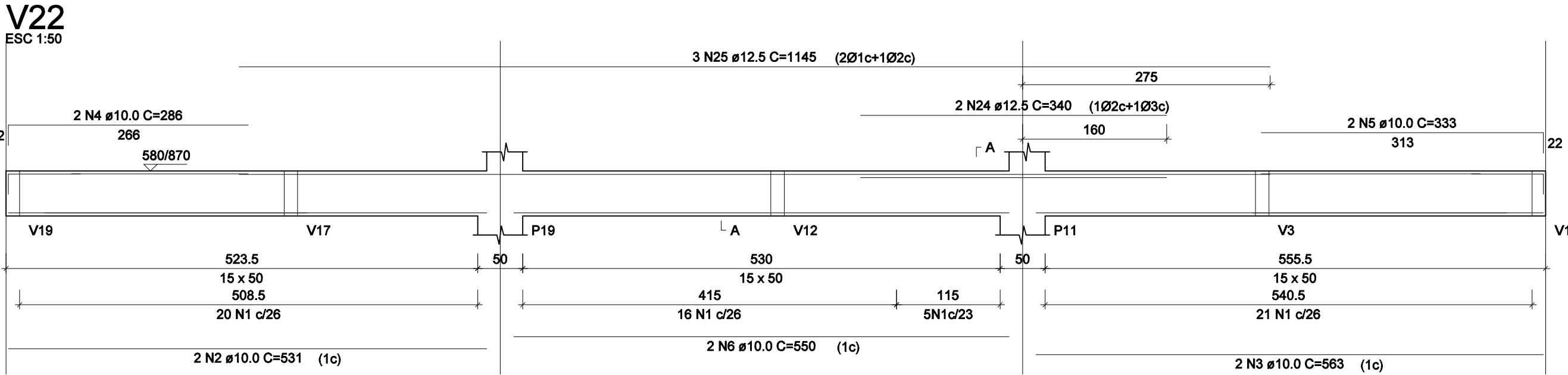
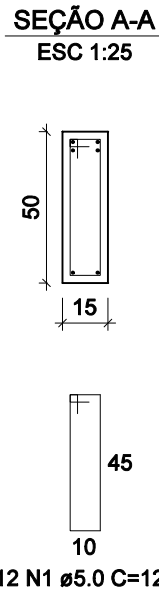
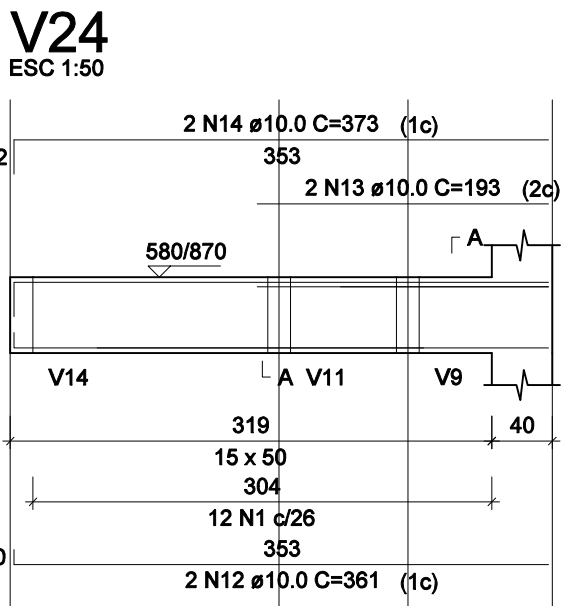
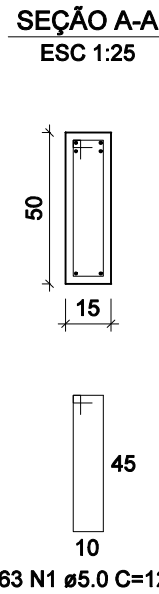
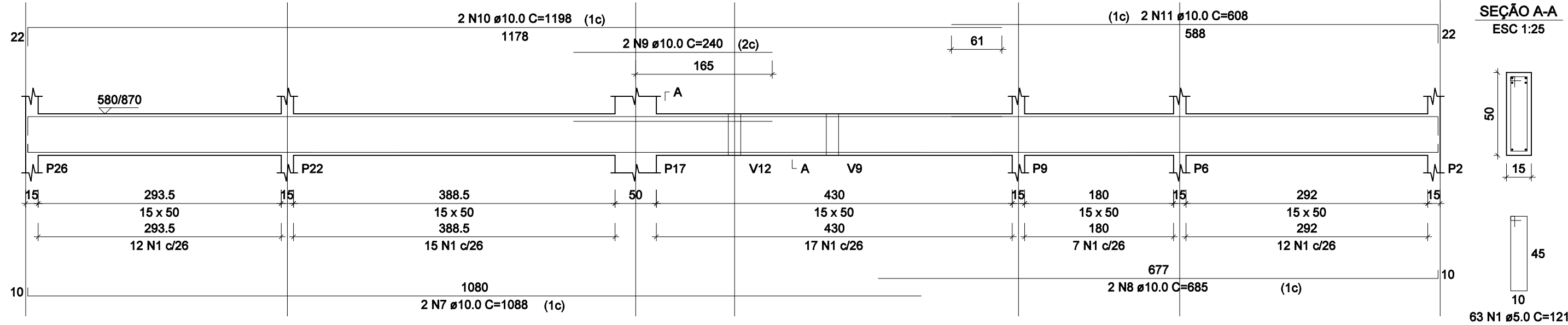
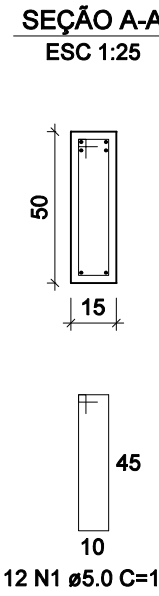
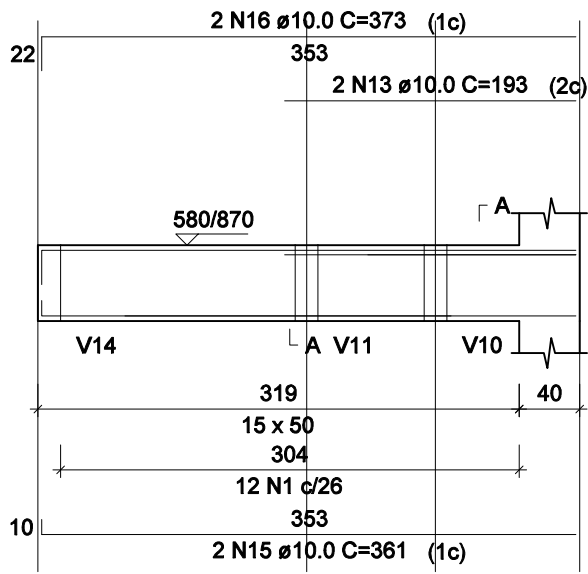


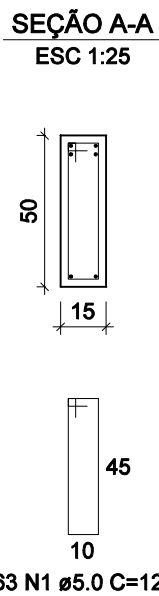
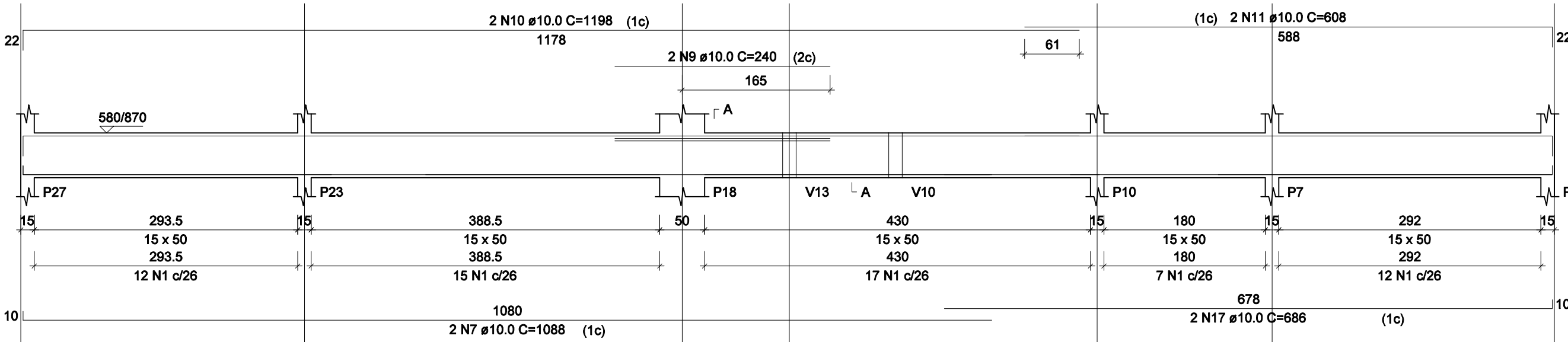
V23
ESC 1:50



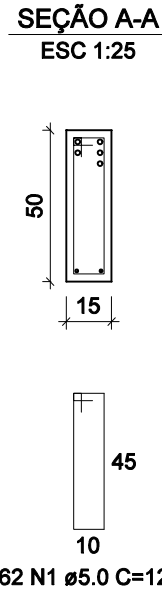
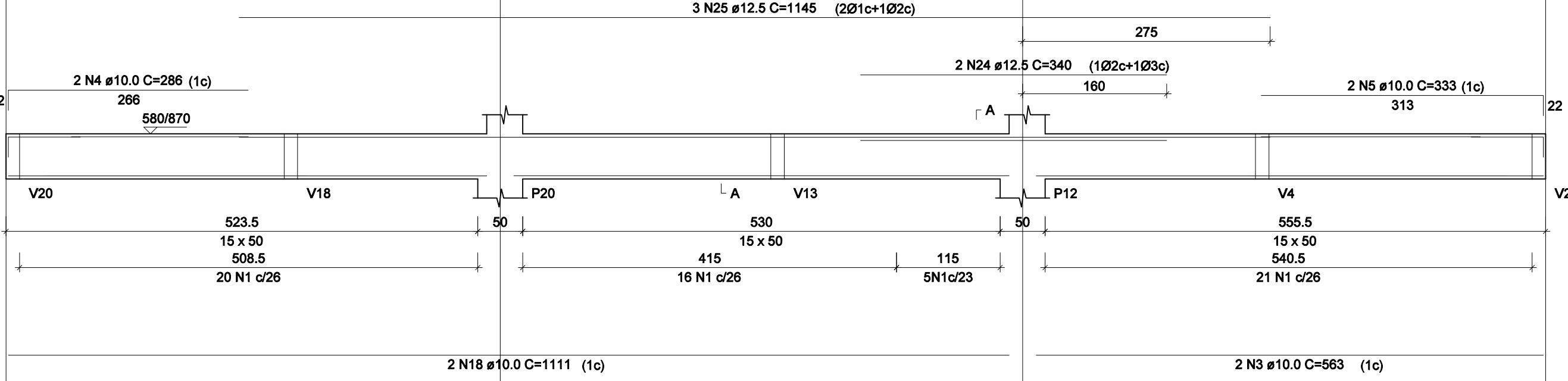
V25
ESC 1:50



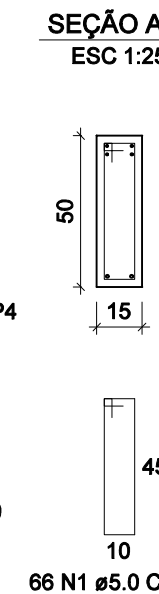
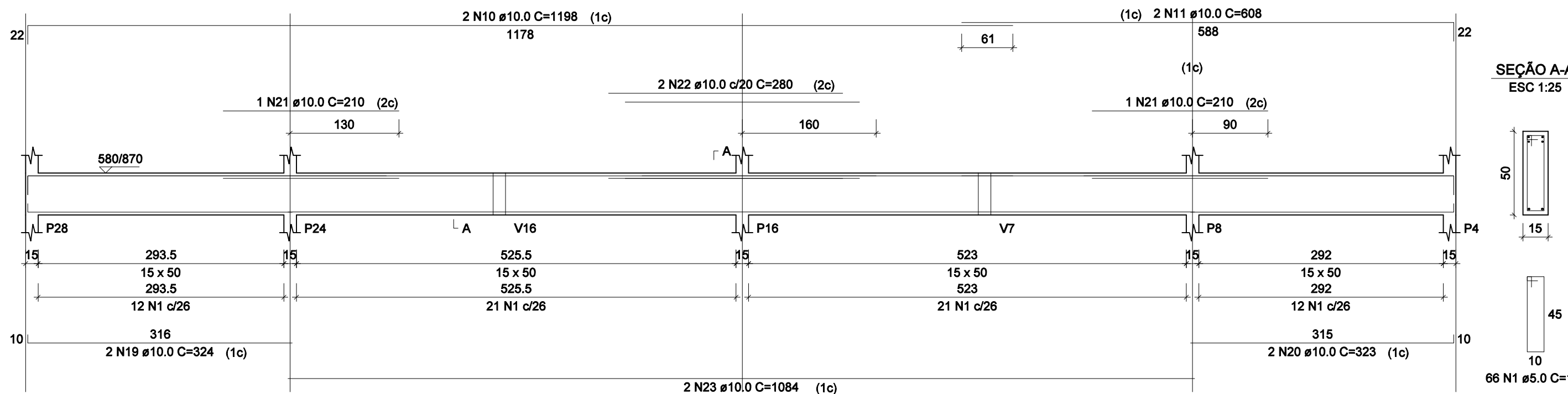
V26
ESC 1:50



V27
ESC 1:50



V28
ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	340	121	41140
CA50	2	10.0	2	531	1062
	3	10.0	4	563	2252
	4	10.0	4	286	1144
	5	10.0	4	333	1332
	6	10.0	2	550	1100
	7	10.0	4	1088	4352
	8	10.0	2	685	1370
	9	10.0	4	240	960
	10	10.0	6	1198	7188
	11	10.0	6	608	3648
	12	10.0	2	361	722
	13	10.0	4	193	772
	14	10.0	2	373	746
	15	10.0	2	361	722
	16	10.0	2	373	746
	17	10.0	2	686	1372
	18	10.0	2	1111	2222
	19	10.0	2	324	648
	20	10.0	2	323	646
	21	10.0	2	210	420
	22	10.0	2	280	560
	23	10.0	2	1084	2168
	24	12.5	4	340	1360
	25	12.5	6	1145	6870

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	361.5	245.2
CA60	5.0	82.3	87.2
PESO TOTAL (kg)		443.8	482.4
CA50		332.4	
CA60		69.8	

Volume de concreto (C-25) = 6.95 m³
Área de forma = 106.55 m²

PROPRIETÁRIO :	CNPJ	Alessandro Drumond Arquiteto e Urbanista
PREFEITURA MUNICIPAL DE NOVA ERA	16.819.831/0001-20	
EMPRESA CONTRATADA :	CNPJ	
ALESSANDRO DRUMOND - Engenharia & Arquitetura	19.881.726/ 0001-20	
RESPONSÁVEL TÉCNICO :	CREA	
ALESSANDRO DRUMOND GUERRA DA SILVA	Arquiteto e Urbanista - A82573-5	J.V.C.
É DE RESPONSABILIDADE DO RT O ATENDIMENTO À LEGISLAÇÃO EM VIGOR, ESTANDO O MESMO SUJEITO ÀS PENALIDADES DA LEI		
PROJETO ESTRUTURAL CIVIL		
DETALHE		
VIGAS 2a e 3a LAJE -2		DES
USO	RESIDENCIAL	
TÍTULO	APROVAÇÃO	
ENDEREÇO	RUA FAZENDA DA VARGEM, S/N, SANTANA - NOVA ERA/ MG	