

Forma do pavimento PAV T RREO (N vel -5)
escala 1:50

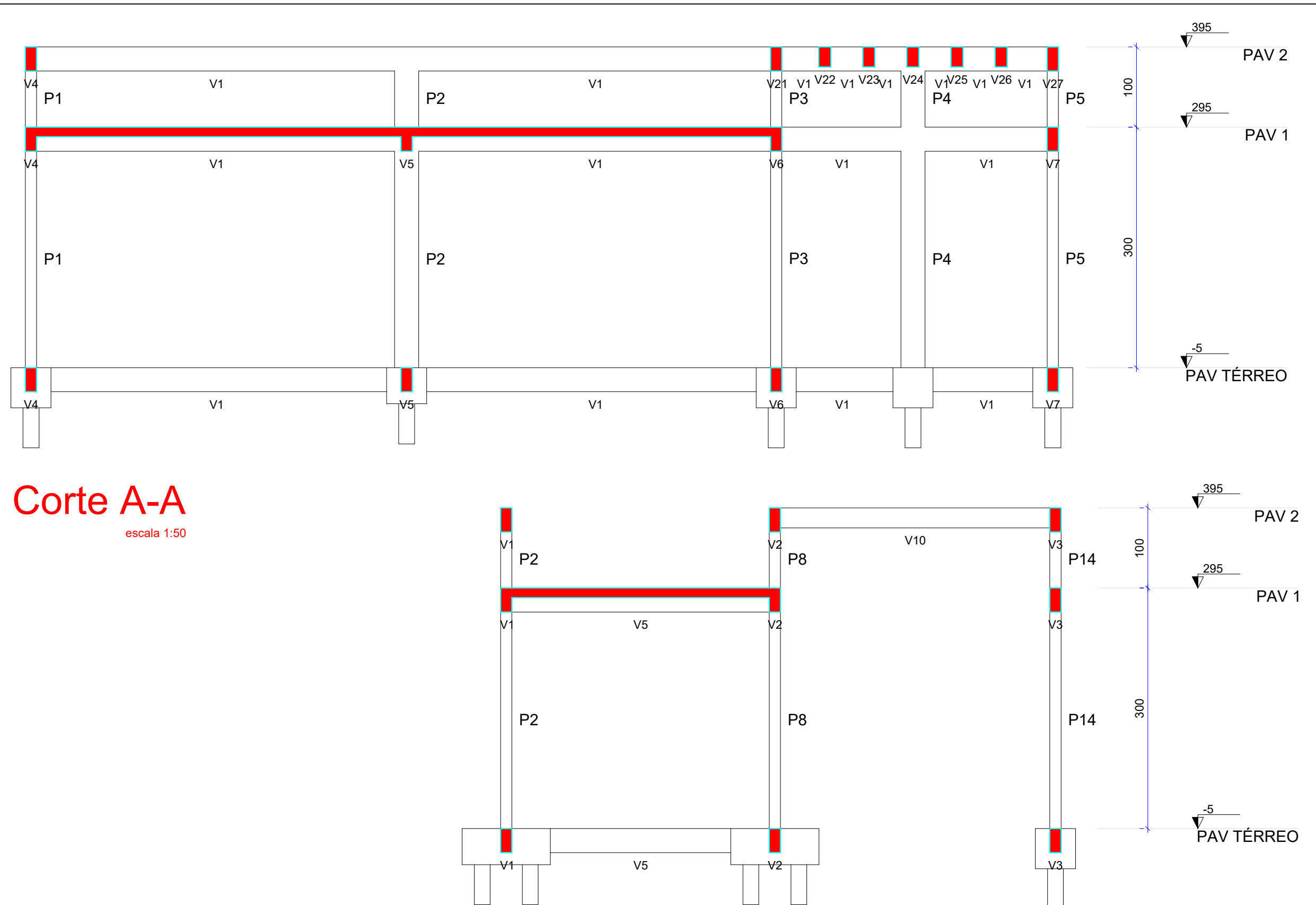
Vigas			
Nome	Se��o (cm)	Eleva��o (cm)	N�vel (cm)
V1	14x30	0	-5
V2	14x30	0	-5
V3	14x30	0	-5
V4	14x30	0	-5
V5	14x30	0	-5
V6	14x30	0	-5
V7	14x30	0	-5

Caracter�sticas dos materiais		
fck		Ecs
(kgf/cm�)	(kgf/cm�)	
300	268384	

Dimens  o m xima do agregado = 19 mm

Pilares			
Nome	Se��o (cm)	Eleva��o (cm)	N�vel (cm)
P1	14x30	0	-5
P2	14x30	0	-5
P3	14x30	0	-5
P4	14x30	0	-5
P5	14x30	0	-5
P6	14x30	0	-5
P7	14x30	0	-5
P8	14x30	0	-5
P9	14x30	0	-5
P10	14x30	0	-5
P11	14x30	0	-5
P12	14x30	0	-5
P13	14x30	0	-5
P14	14x30	0	-5
P15	14x30	0	-5
P16	14x30	0	-5
P17	14x30	0	-5
P18	14x30	0	-5

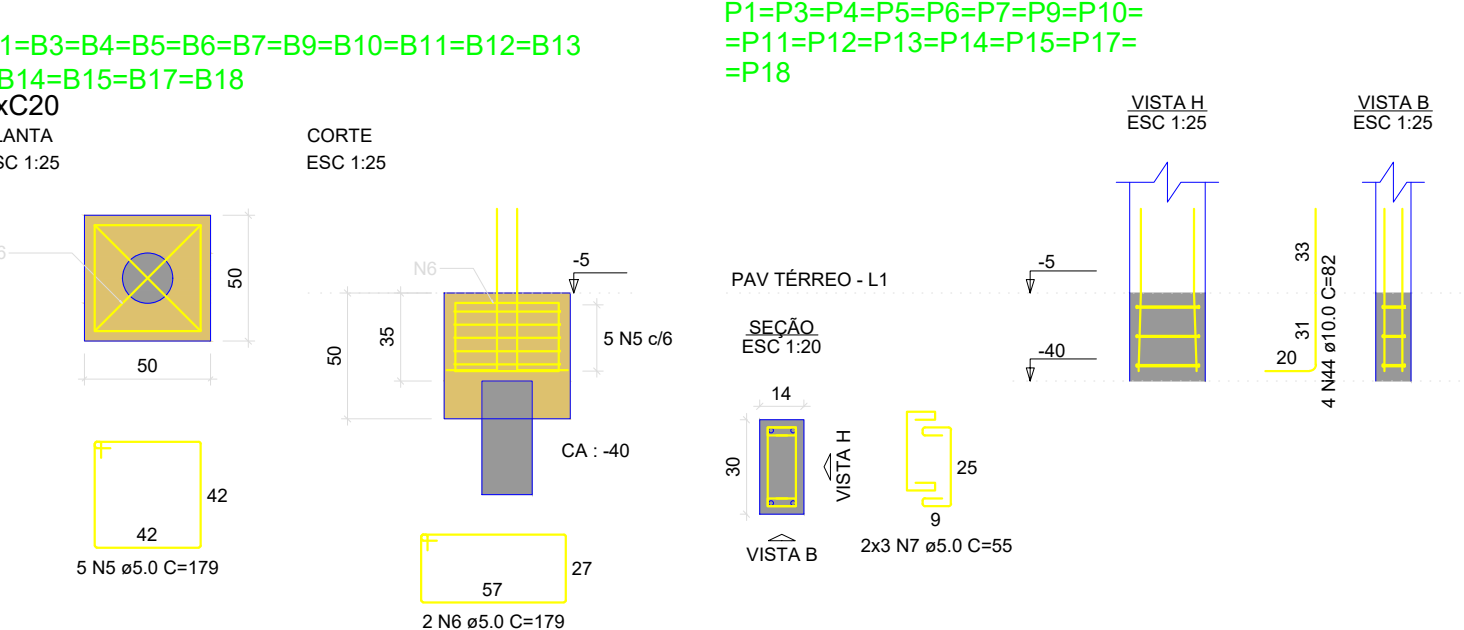
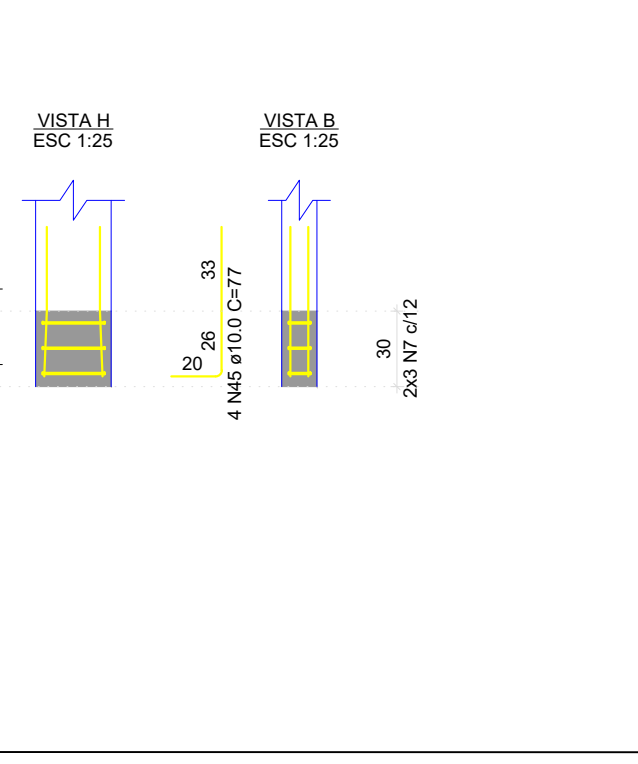
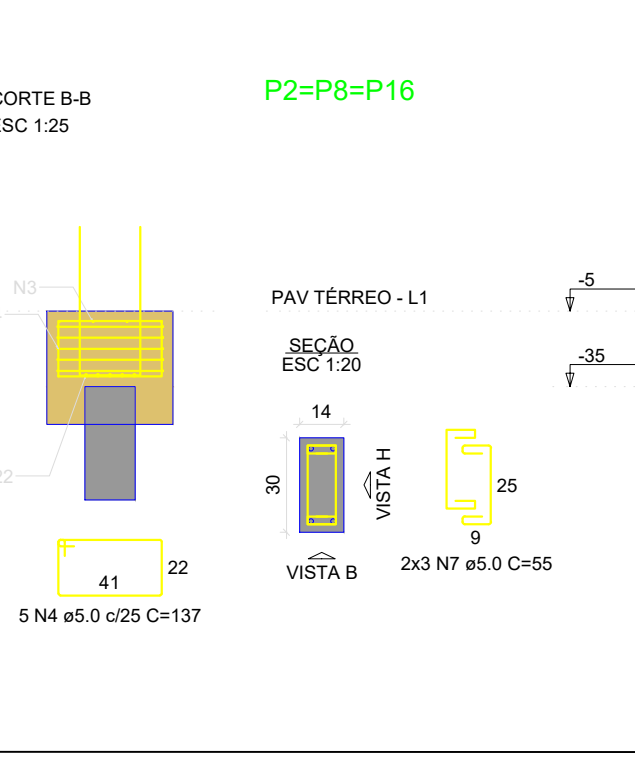
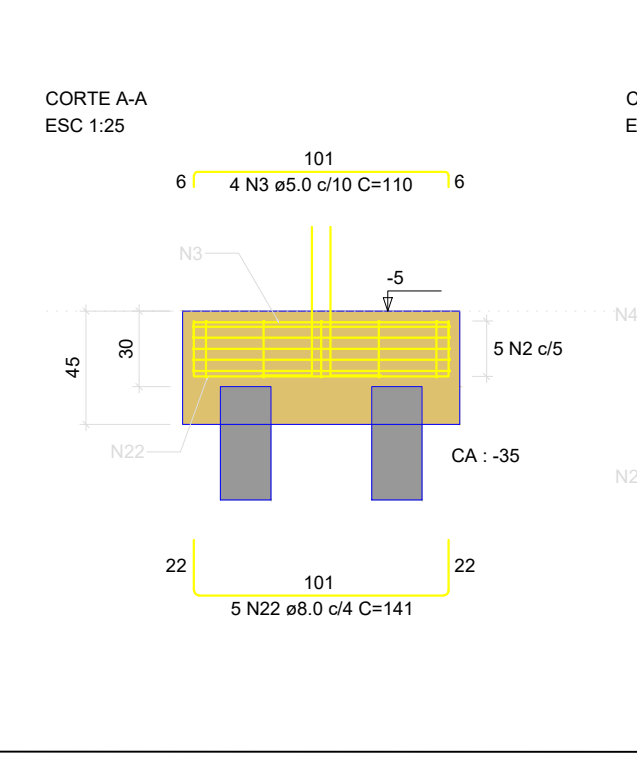
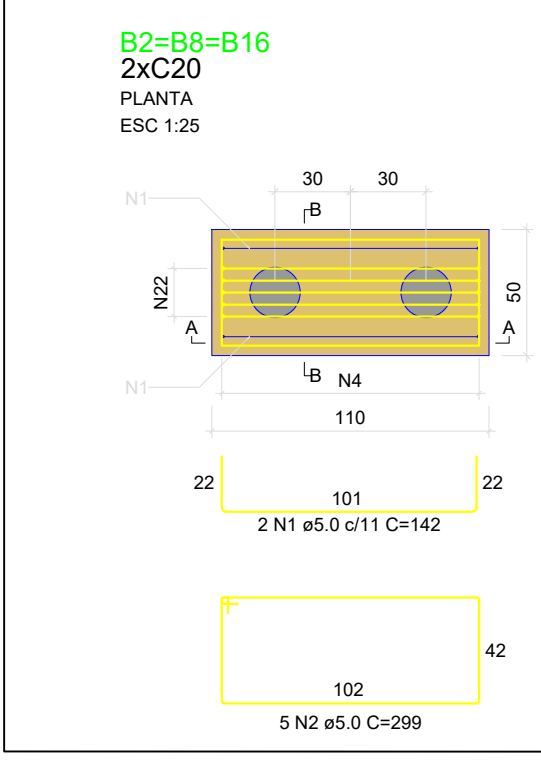
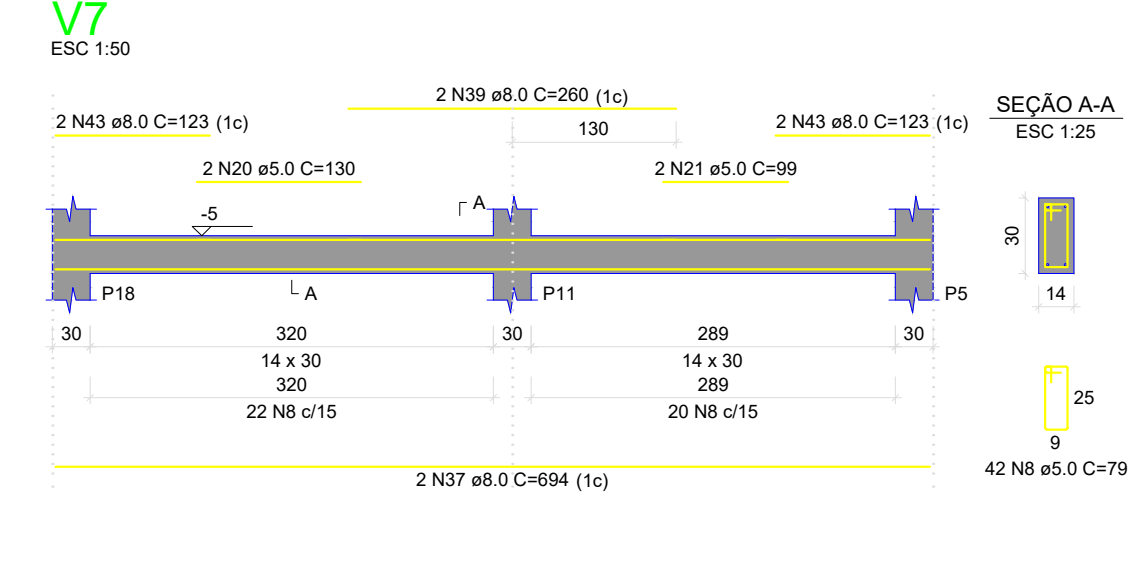
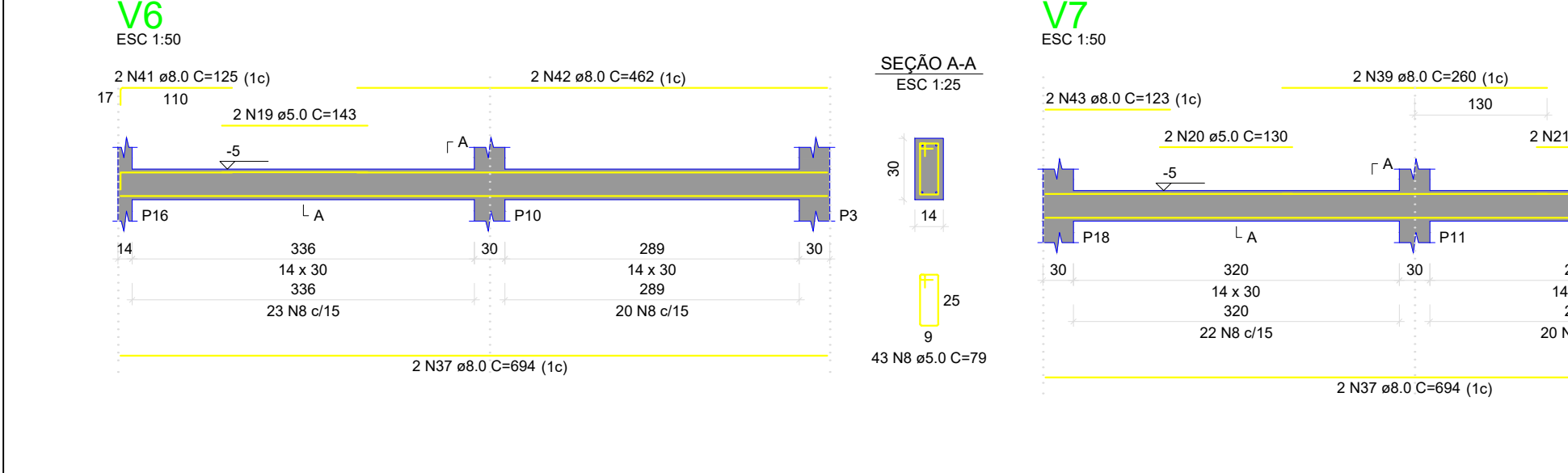
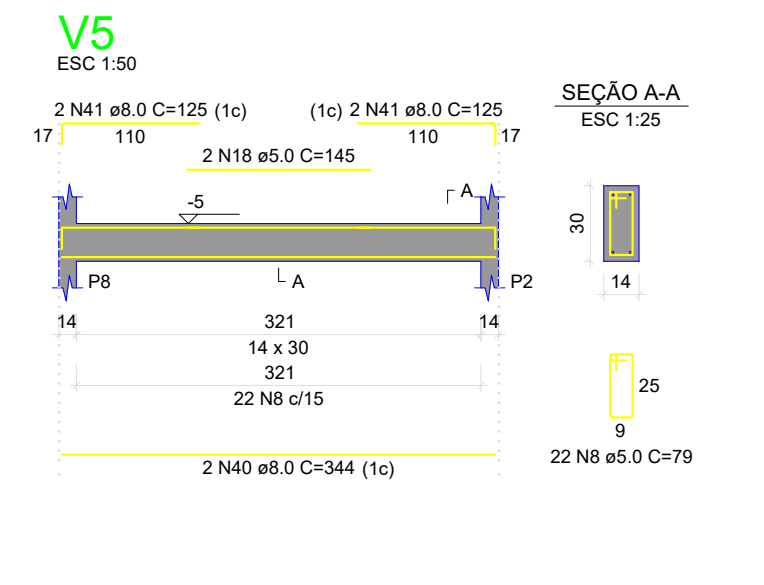
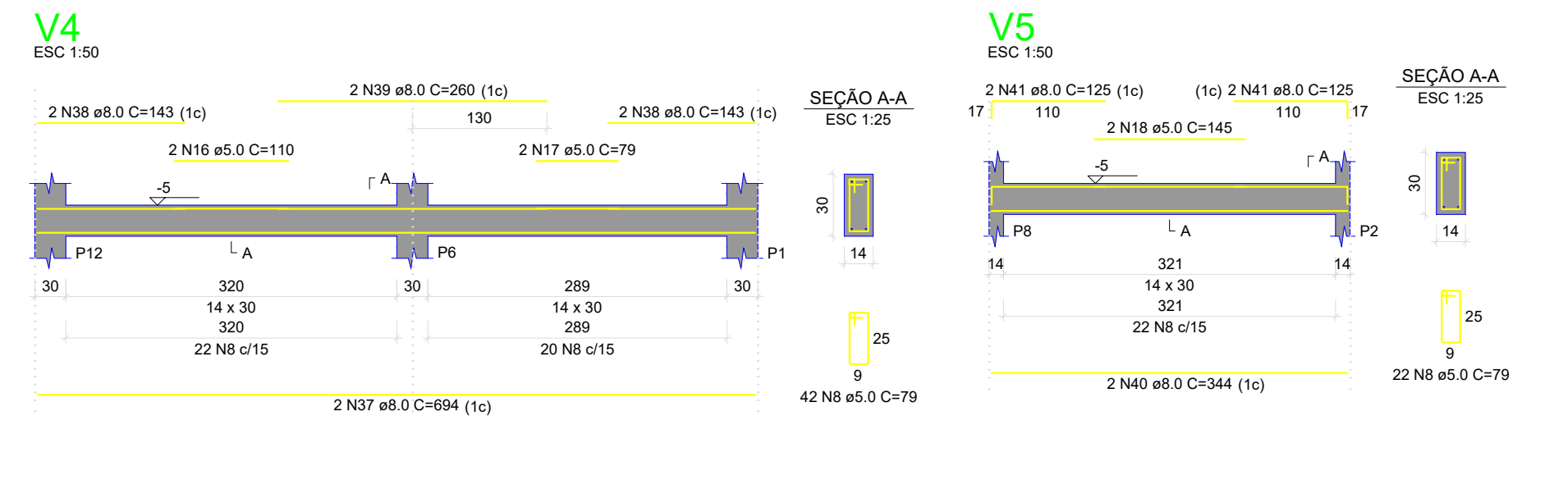
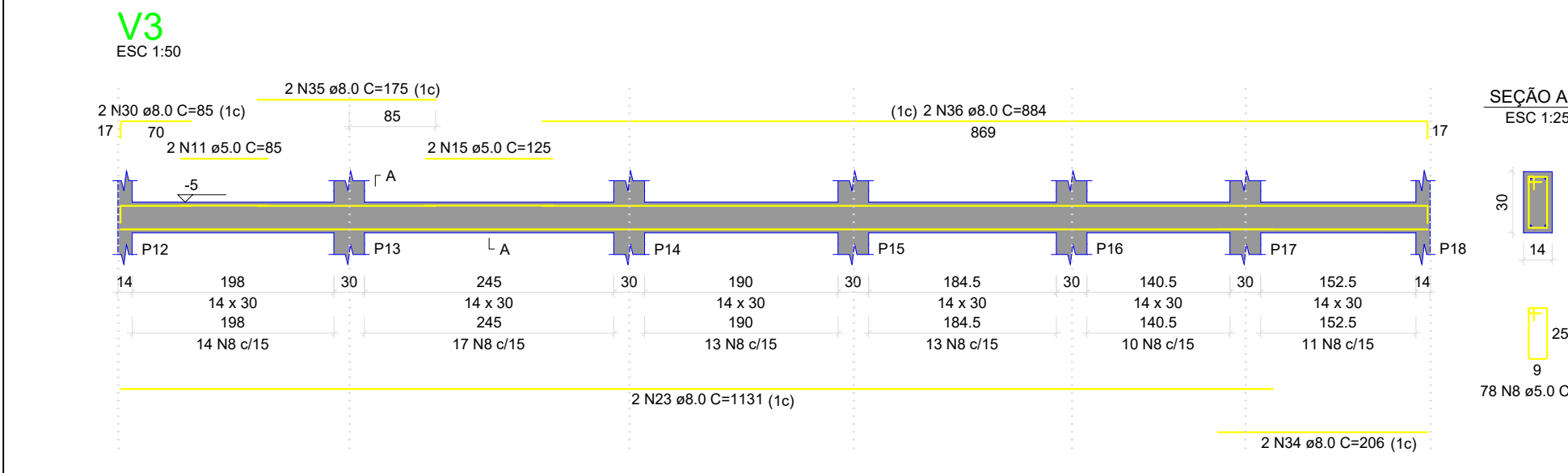
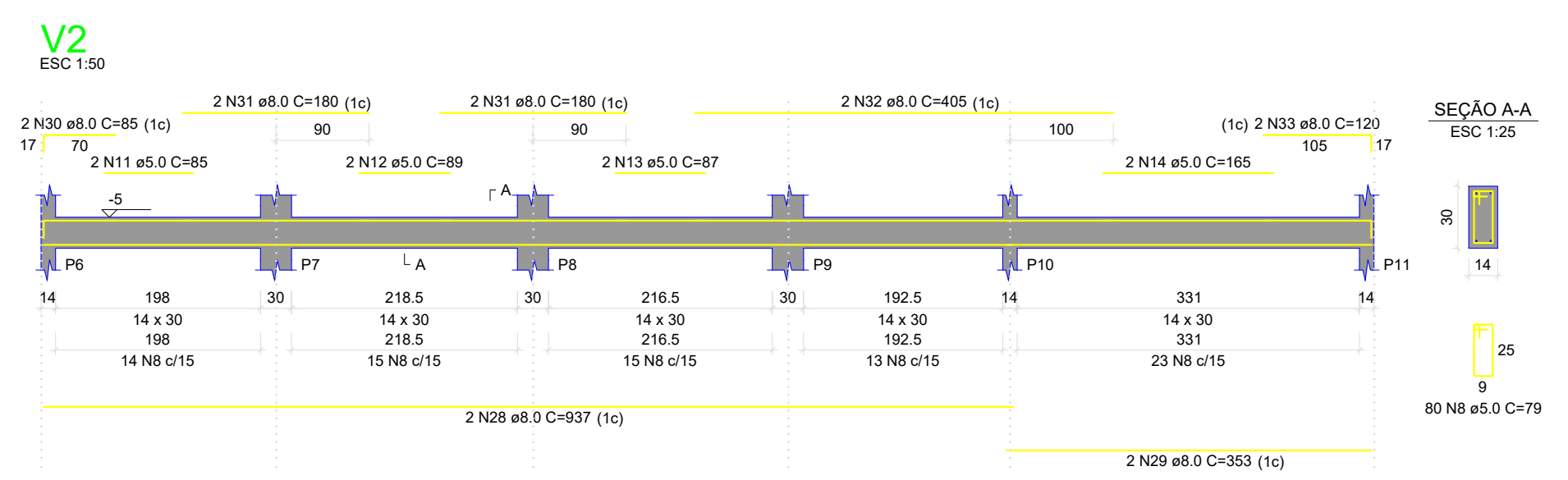
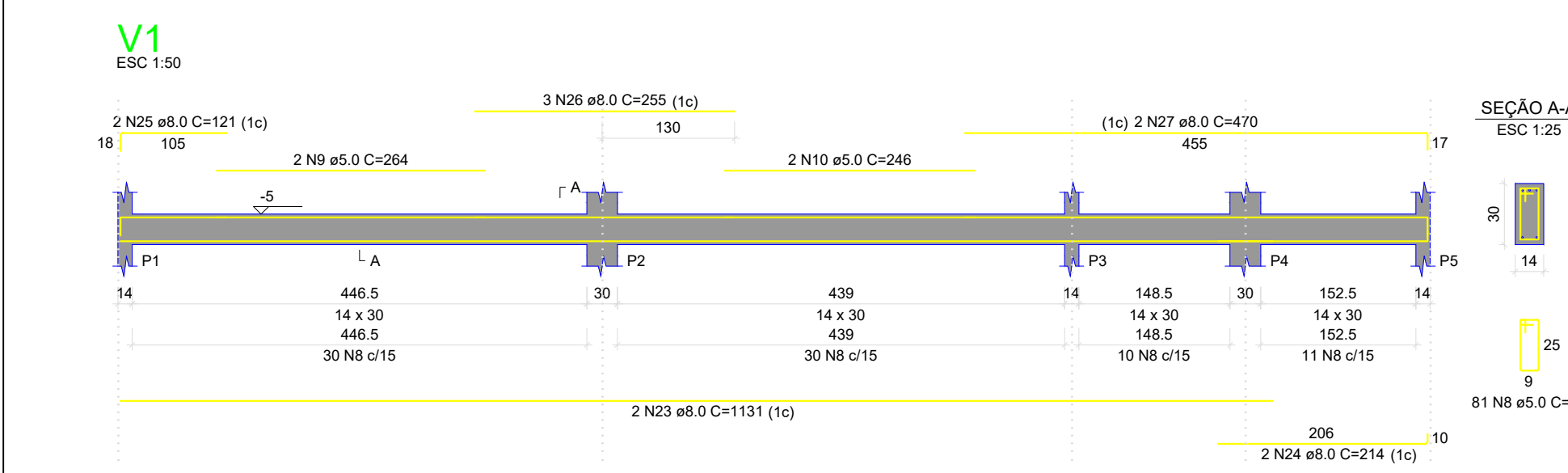
Legenda dos pilares	
	Pilar que passa
Legenda das vigas e paredes	
	Viga



Corte A-A
escala 1:50

Corte B-B
escala 1:50

Detalhe Estacas
escala 1:50



RELA��O DO A�O					
A�O	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	6	142	852
	2	5.0	15	299	4485
	3	5.0	12	110	1320
	4	5.0	15	137	2055
	5	5.0	75	179	13425
	6	5.0	30	179	5370
	7	5.0	108	55	5940
	8	5.0	388	79	30652
	9	5.0	2	264	528
	10	5.0	2	246	492
	11	5.0	4	85	340
	12	5.0	2	89	178
	13	5.0	2	87	174
	14	5.0	2	165	330
	15	5.0	2	125	250
	16	5.0	2	110	220
	17	5.0	2	143	286
	18	5.0	2	145	290
	19	5.0	2	143	286
	20	5.0	2	130	260
	21	5.0	2	99	198
	22	8.0	15	141	2115
	23	8.0	4	1131	4524
	24	8.0	2	214	428
	25	8.0	2	121	242
	26	8.0	3	255	765
	27	8.0	2	470	940
	28	8.0	2	937	1874
	29	8.0	2	353	706
	30	8.0	4	85	340
	31	8.0	4	180	720
	32	8.0	2	405	810
	33	8.0	2	120	240
	34	8.0	2	296	592
	35	8.0	2	175	350
	36	8.0	2	864	1728
	37	8.0	6	694	4164
	38	8.0	4	143	572
	39	8.0	4	260	1040
	40	8.0	2	344	688
	41	8.0	6	125	750
	42	8.0	2	462	924
	43	8.0	4	123	492
	44	10.0	60	82	4920
	45	10.0	12	77	924

RESUMO DO A�O				
A�O	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)	
CA50	8.0	248.6	107.8	
CA60	10.0	58.4	38.6	
	5.0	678	115	

PESO TOTAL (kg)

CA50	147.6
CA60	115

Volume de concreto (C-30) = 5.43 m 
 rea de forma = 71.44 m 

Legenda das Estacas	
	Estacas de di�metro 0,25 cm
Quantidades de Estacas	
21	estacas de 425 cm

RELA��O DO A�O				
A�O	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA60	46	5.0	315	56
CA50	47	10.0	84	425

RESUMO DO A�O			
A�O	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	357	242.30
CA60	5.0	176.40	29.88

PESO TOTAL (kg)

CA50	242.30
CA60	29.88

Volume de concreto (C-30) = 17.52 m 

- NOTAS:
- RESIST NCIA CARACTER STICA DO CONCRETO $f_{ck} > 30$ MPa;
 - P/ AS COTAS DE ARRASAMENTO FORAM CONSIDERADOS N VEIS INDICADOS NO PROJETO ARQUIT TONICO;
 - O VALOR DA COTA PREVALECE SOBRE A ESCALA;
 - VERIFICAR MEDIDAS NA OBRA;
 - O PROJETO DE FUNDA  ES   APENAS UMA SUGEST  O BASEADA NO SOLO CARACTER STICO DE DE RIBEIR  O DO PINHAL-PR. QUANTIDADE DE ESTACAS E PROFUNDIDADE DEVE SER DETERMINADA PELO ENGENHEIRO DE FUNDA   ES. O CALCULISTA SE EXIME DE QUAISQUER RESPONSABILIDADE.

PROJETO ESTRUTURAL	T�TULO	LOCA���O DAS ESTACAS, PILARES, VIGAS DA FUNDA���O.	01/03
	CLIENTE	PREFEITURA MUNICIPAL DE RIBEIR��O DO PINHAL - PR	
	OBRA	BANHEIRO PNE DE QUADRA ESPORTIVA	
	PROJ. DA RUA PEDRO MARTINS TRINDADE S/N		
INFORMA���O	INSTRUMENTO	PROJ. DA RUA PEDRO MARTINS TRINDADE S/N	indicado
	DATA	04/06/2020	
	DISENHO		
	MAX PAULIV		