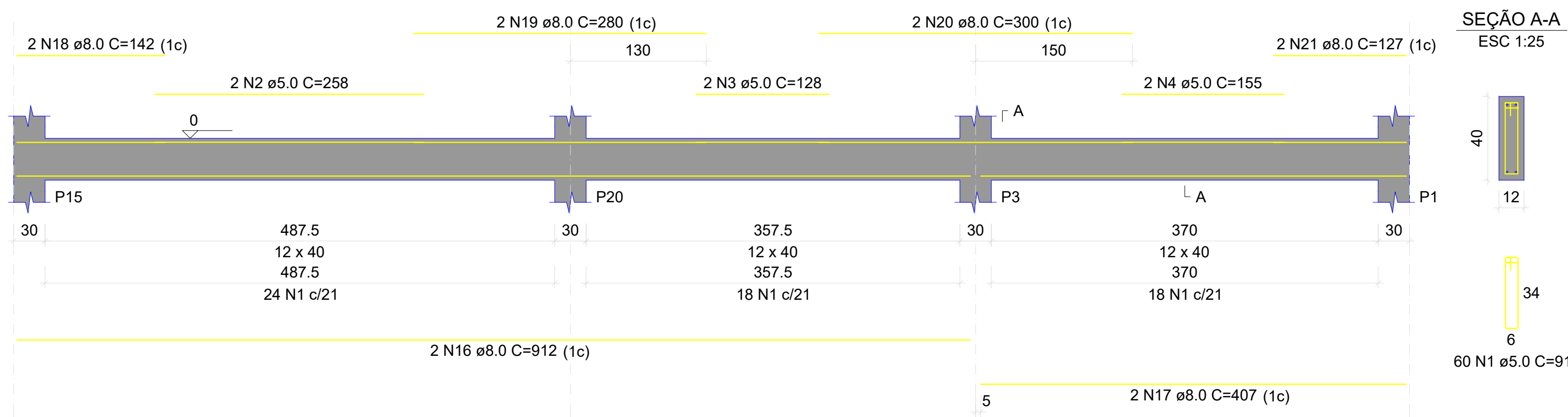


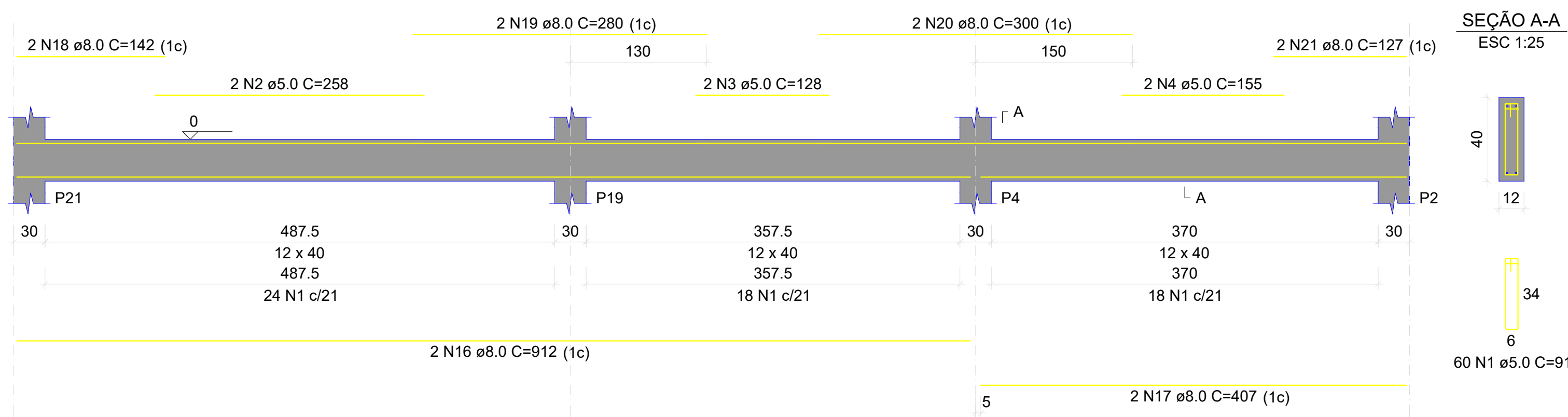
V1

ESC 1:50



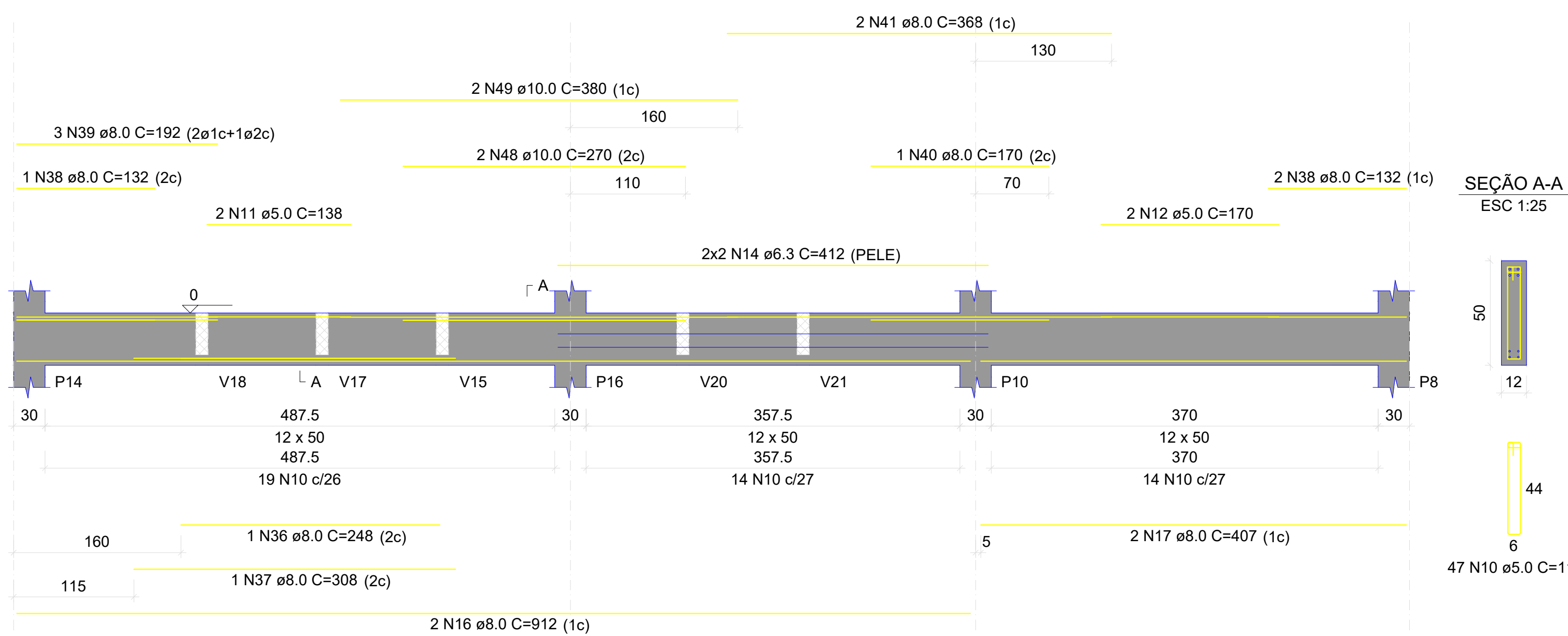
V3

ESC 1:50



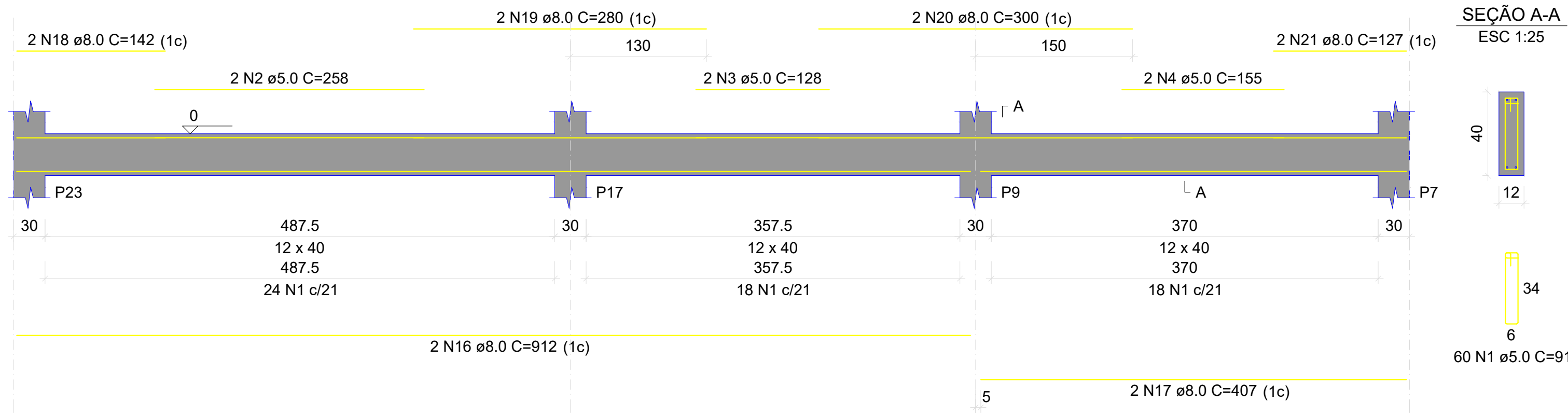
V5

ESC 1:50



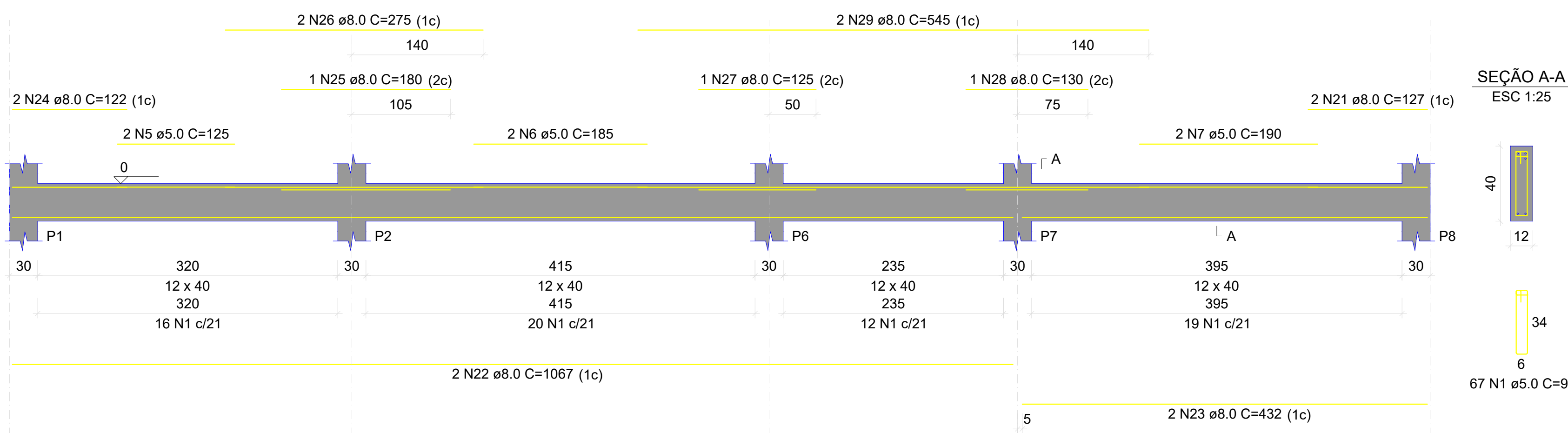
V7

ESC 1:50



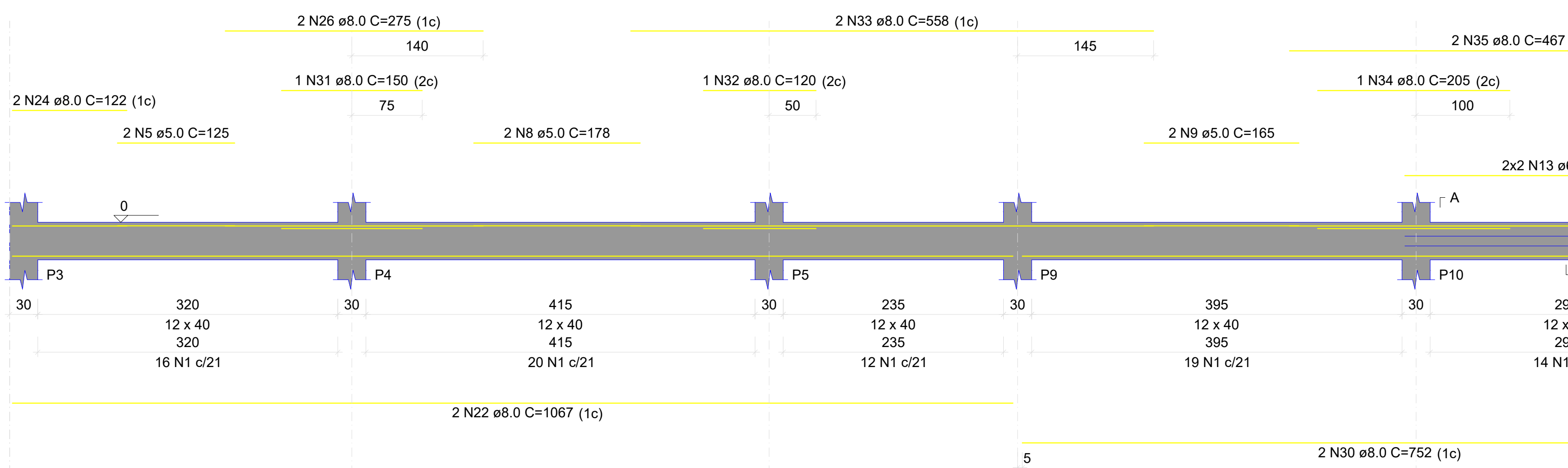
V2

ESC 1:50



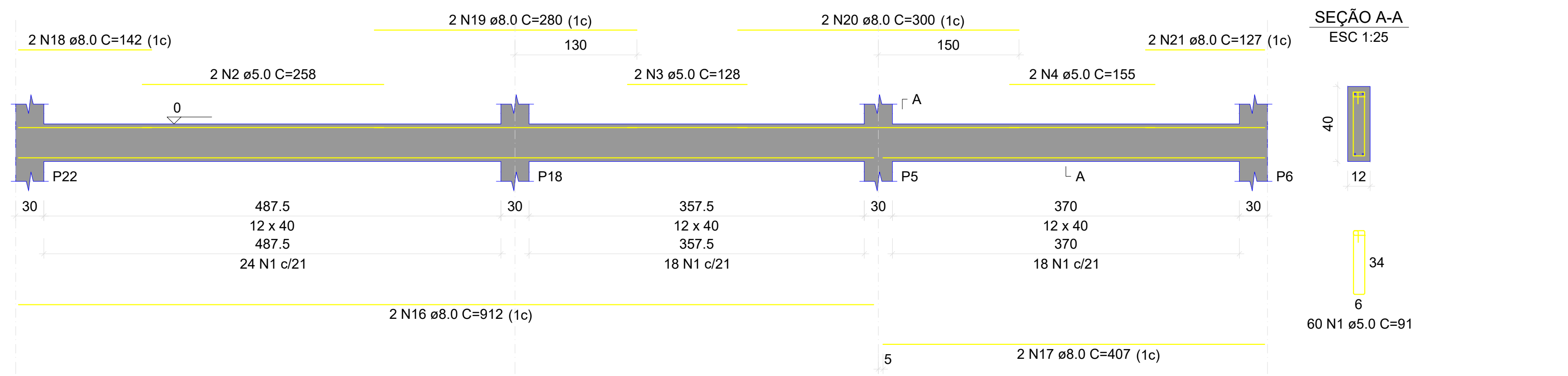
V4

ESC 1:50



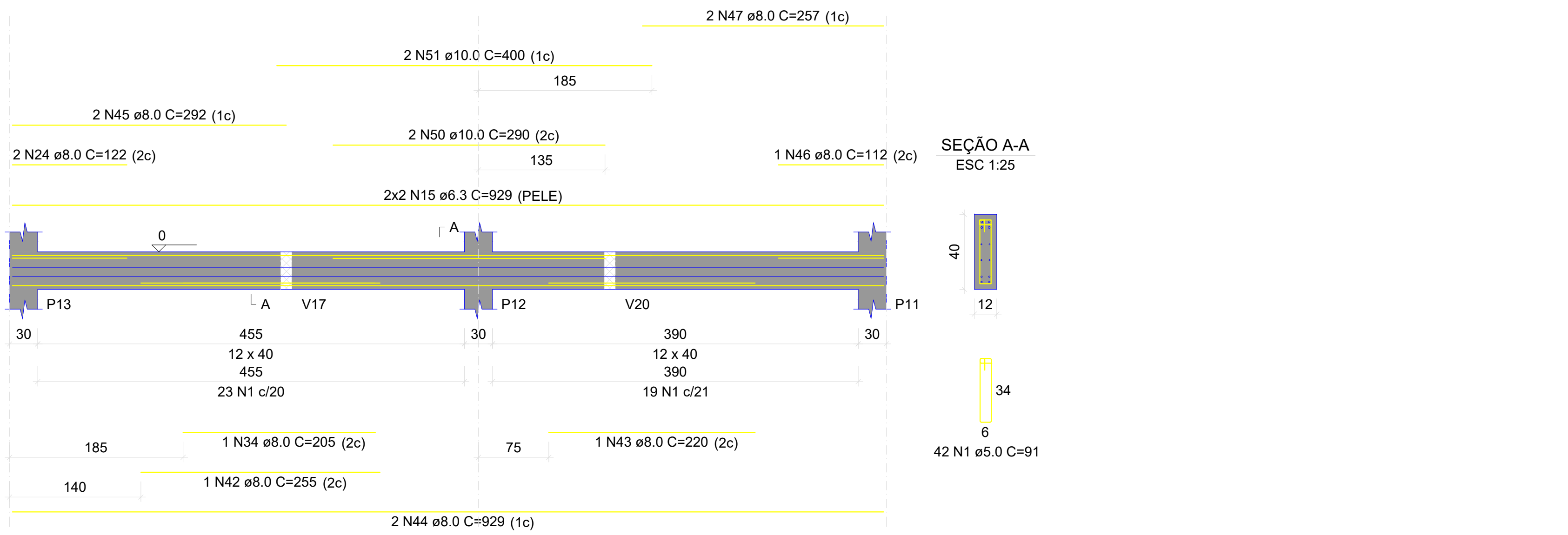
V6

ESC 1:50



V8

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	430	91	39130
	2	5.0	8	258	2064
	3	5.0	8	128	1024
	4	5.0	8	155	1240
	5	5.0	4	205	820
	6	5.0	2	185	370
	7	5.0	2	190	380
	8	5.0	2	178	356
	9	5.0	2	165	330
	10	5.0	47	111	5217
CA50	11	5.0	2	138	276
	12	5.0	2	170	340
	13	6.3	4	344	1376
	14	6.3	4	412	1648
	15	6.3	4	929	3716
	16	8.0	10	912	9120
	17	8.0	10	407	4070
	18	8.0	8	142	1136
	19	8.0	8	280	2240
	20	8.0	2	303	2400
CA50	21	8.0	10	127	1270
	22	8.0	4	1067	4268
	23	8.0	2	432	864
	24	8.0	6	122	732
	25	8.0	1	180	180
	26	8.0	4	275	1100
	27	8.0	1	125	125
	28	8.0	1	130	130
	29	8.0	2	645	1090
	30	8.0	2	732	1504
CA50	31	8.0	1	150	150
	32	8.0	1	120	120
	33	8.0	2	558	1116
	34	8.0	2	205	410
	35	8.0	2	467	934
	36	8.0	1	248	248
	37	8.0	1	308	308
	38	8.0	3	132	396
	39	8.0	3	192	576
	40	8.0	1	170	170
CA50	41	8.0	2	368	736
	42	8.0	1	255	255
	43	8.0	1	220	220
	44	8.0	2	929	1858
	45	8.0	2	292	584
	46	8.0	1	112	112
	47	8.0	2	207	414
	48	10.0	2	270	540
	49	10.0	2	380	760
	50	10.0	2	280	560
CA50	51	10.0	2	400	800
	52	10.0	2	400	800

RESUMO DO AÇO

AÇO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CA50	6.3	67.4	18.1
CA50	8.0	380.4	189
CA60	10.0	26.8	18.2
CA60	5.0	512.3	86.9
PESO TOTAL (kg)		205.3	
CA50		205.3	
CA60		86.9	

Volume de concreto (C-25) = 5.42 m³
Área de forma = 103.50 m²

ESTRUTURAL

Título do Projeto: AMPLIAÇÃO DO CENTRO DE REMATES
Proprietário: PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO
Endereço do Obra: BOA PARADA - INTERIOR

Assinatura: **PREFEITO - JOSÉ DIRCEU DA SILVA**
Engº Civil: **Nilson do Prado Rodrigues - CREA-SC 172357-5**

Autor do Projeto: _____

OBRA: **AMPLIAÇÃO CENTRO DE REMATES**
BOA PARADA - INTERIOR
Município: São José do Cerrito - Estado: Santa Catarina

OBSERVAÇÕES: **Área total: A= 225,96m²**

ESCALA: **INDICADA**
DATA EMISSÃO: **INDICADA**
DESENHISTA: **NILSON**
PRANCHA: **02/C**