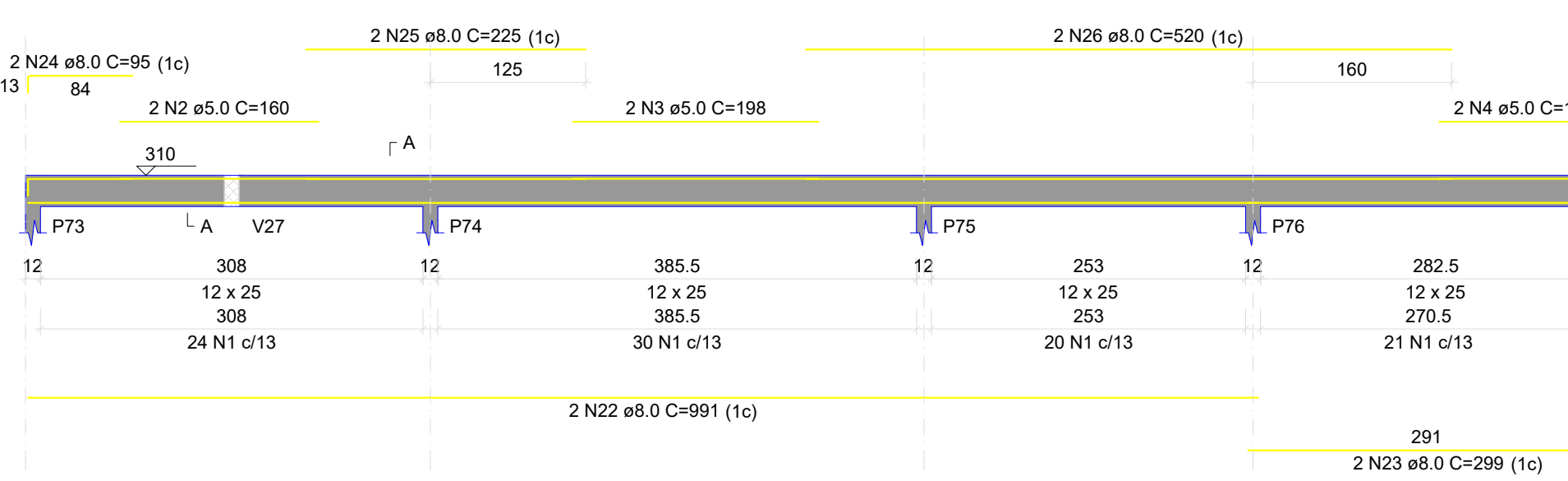
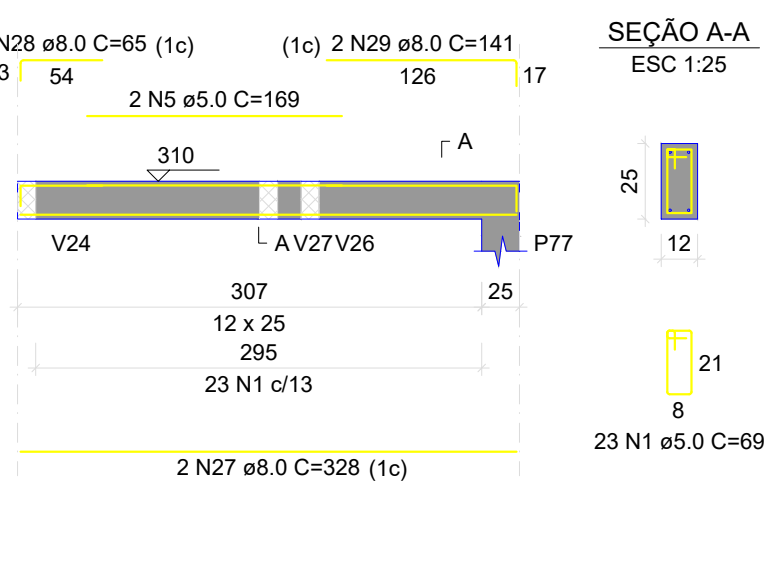


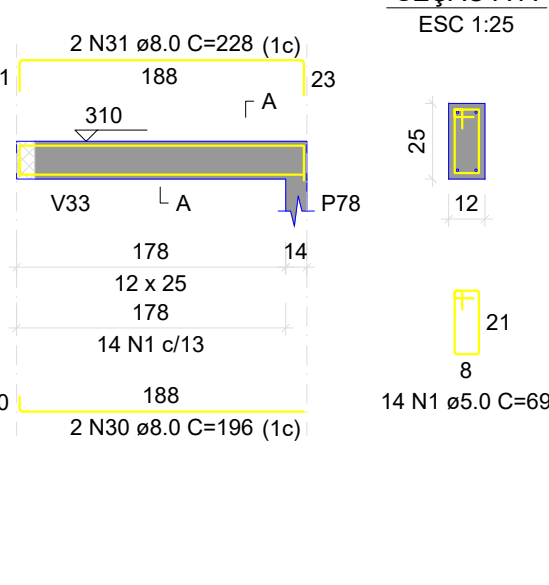
V19
ESC 1:50



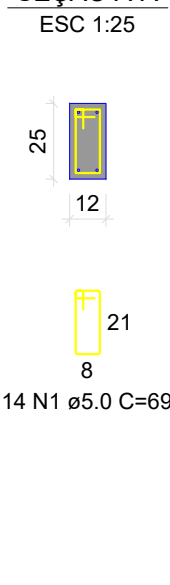
V20
ESC 1:50



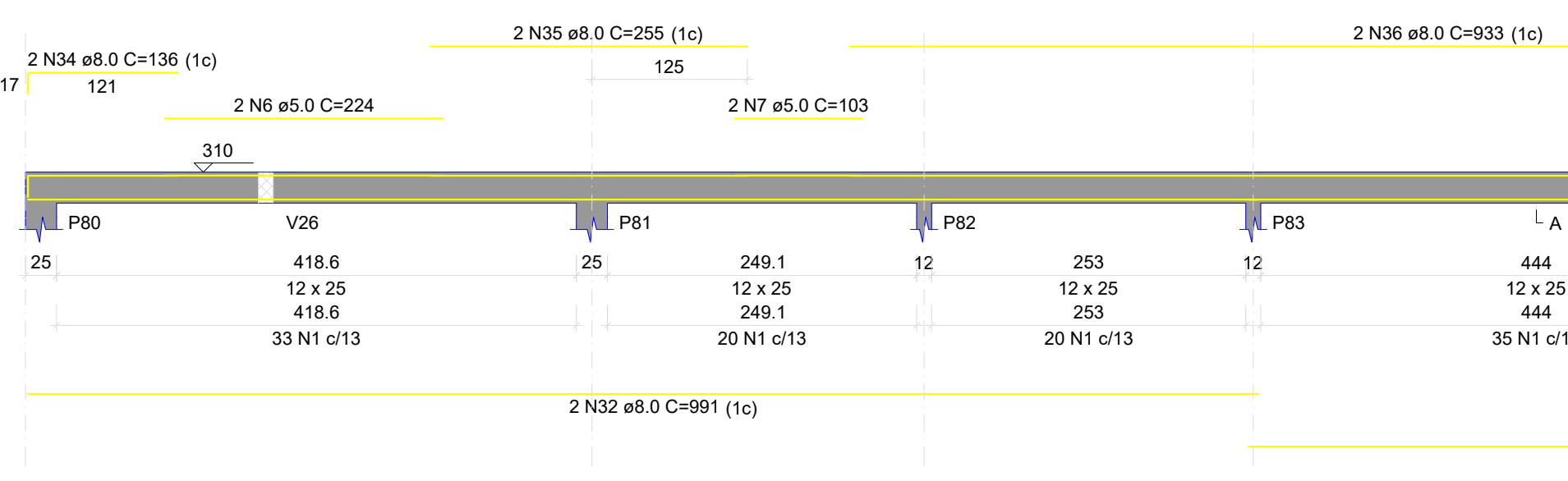
V21
ESC 1:50



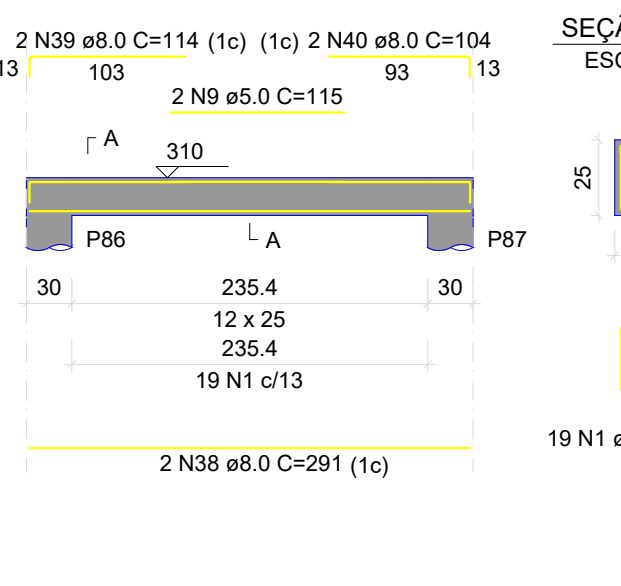
SEÇÃO A-A
ESC 1:25



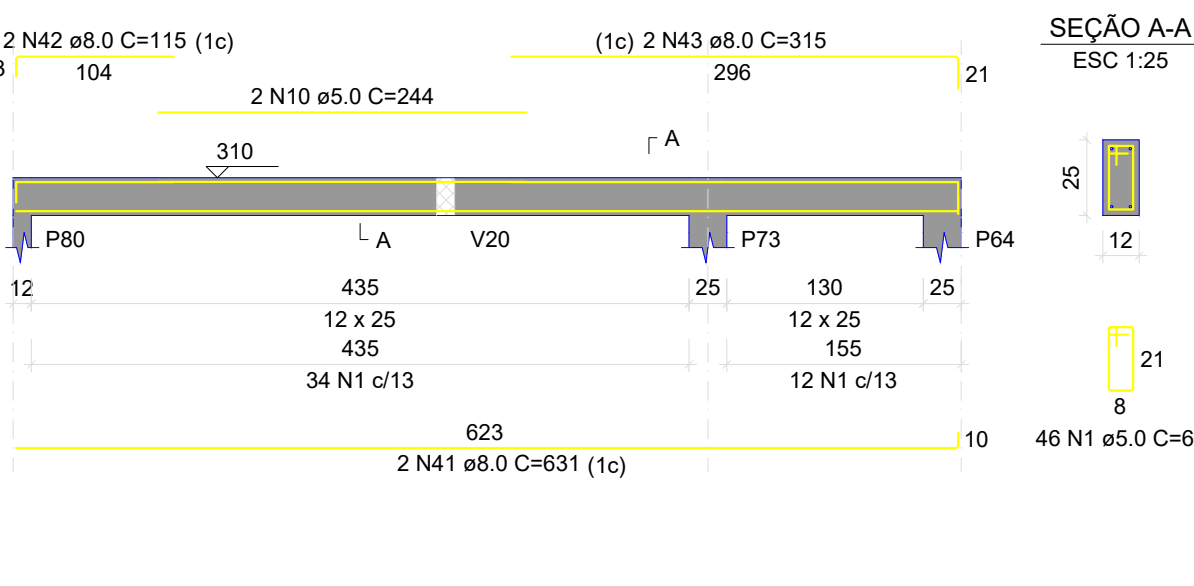
V22
ESC 1:50



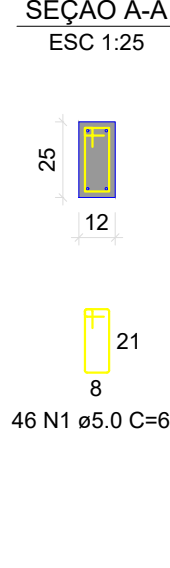
V23
ESC 1:50



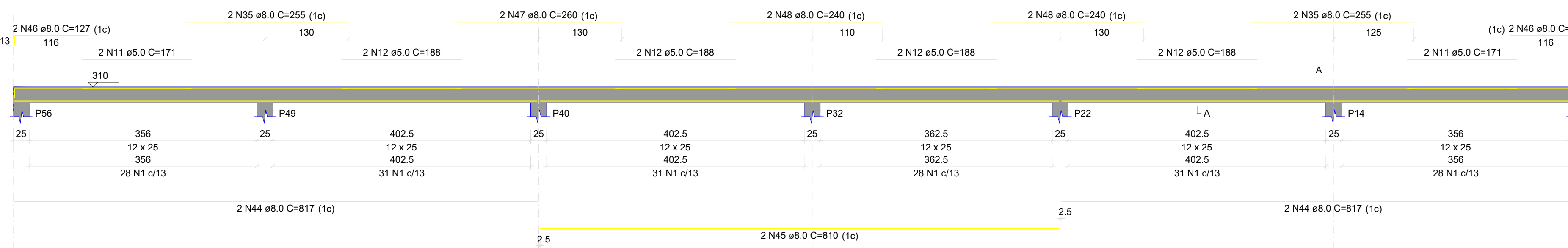
V24
ESC 1:50



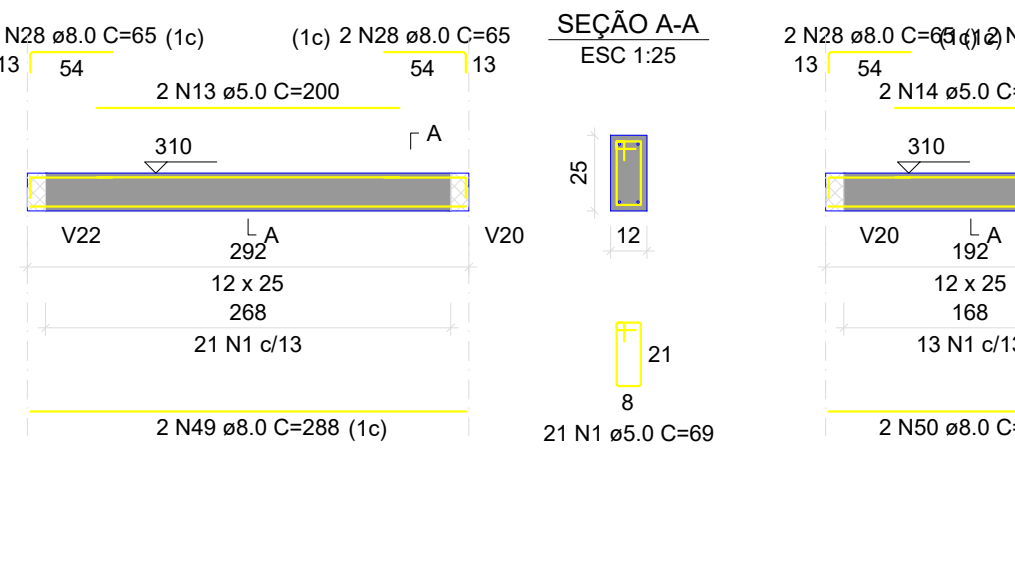
SEÇÃO A-A
ESC 1:25



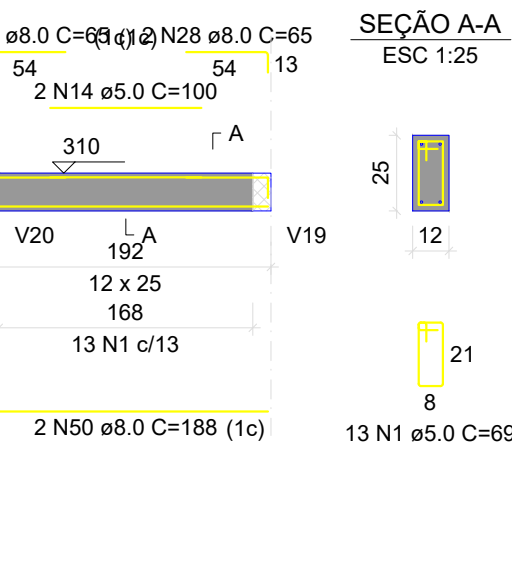
V25
ESC 1:50



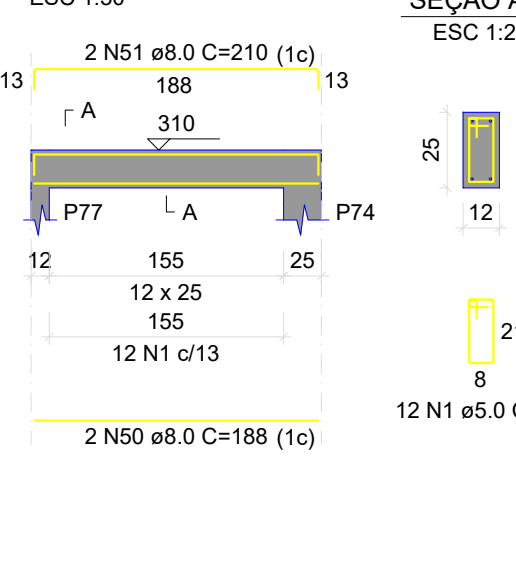
V26
ESC 1:50



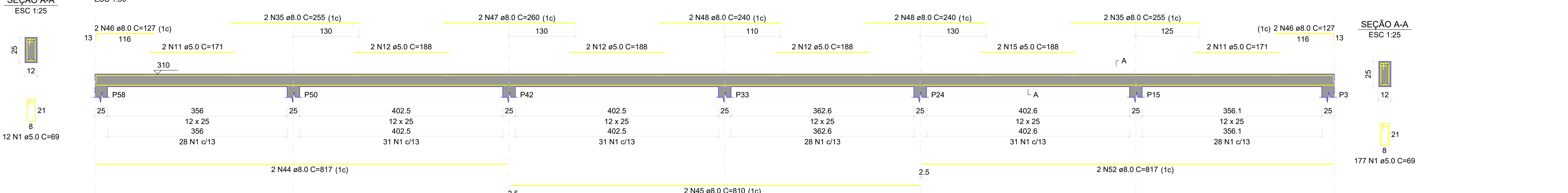
V27
ESC 1:50



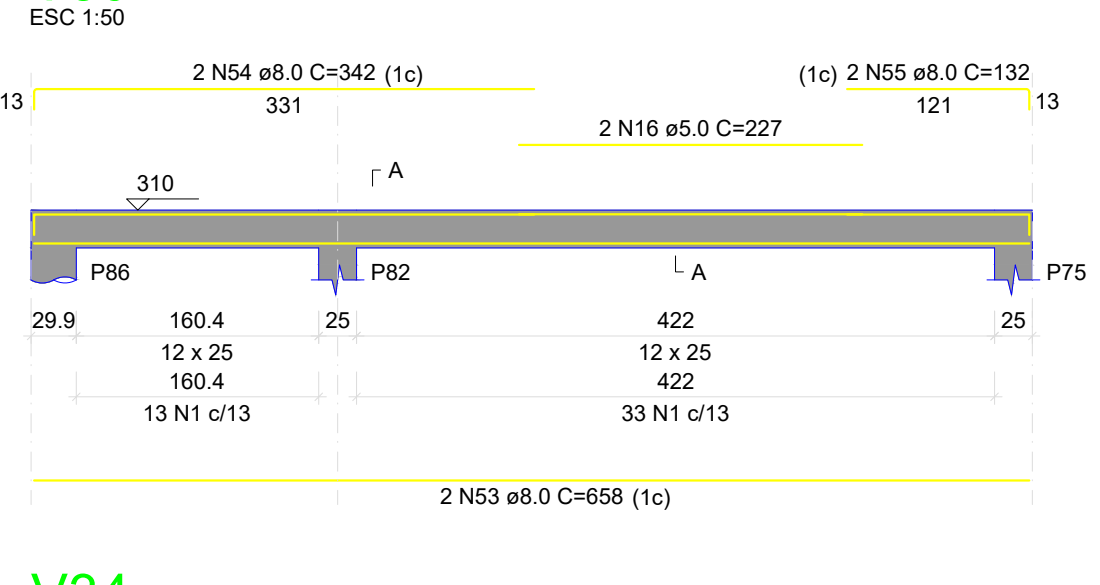
V28
ESC 1:50



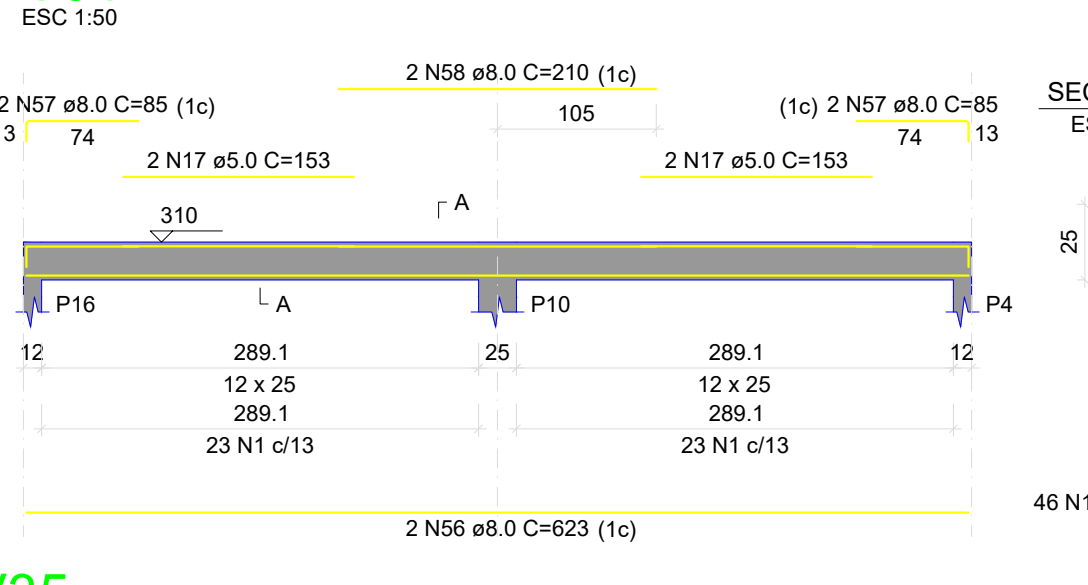
V29
ESC 1:50



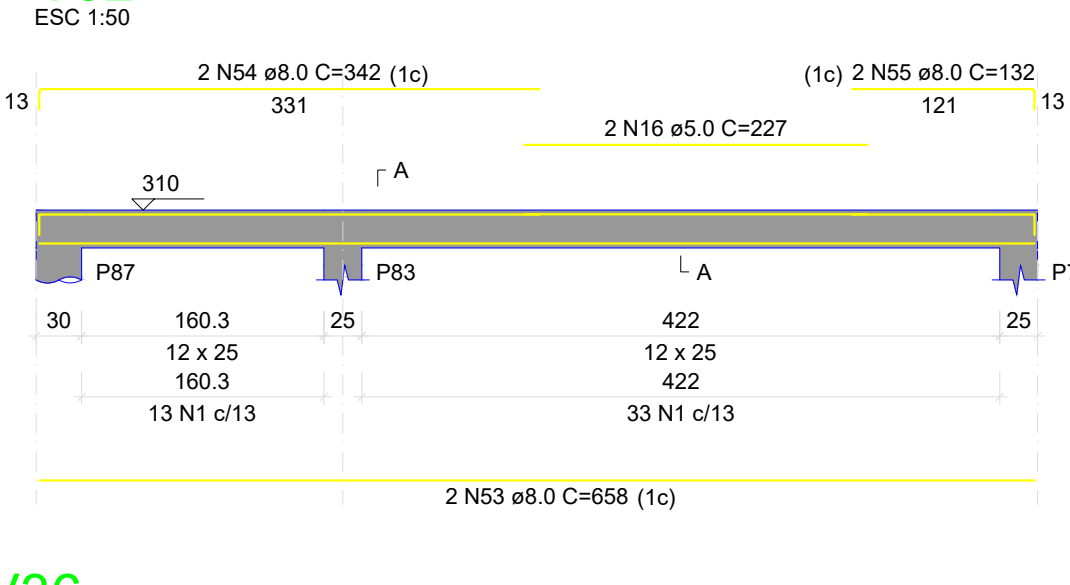
V30
ESC 1:50



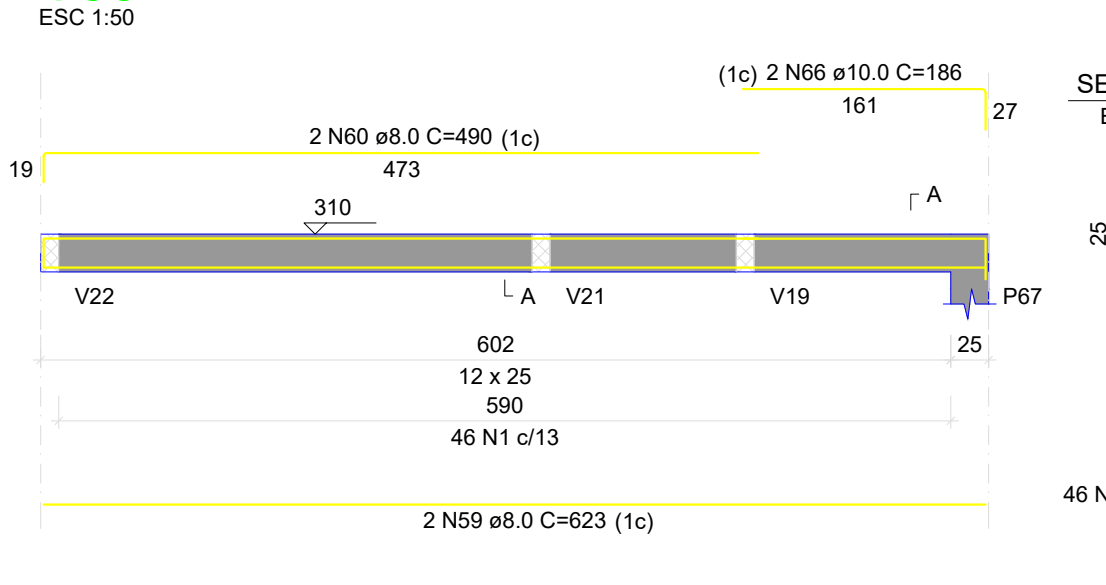
V31
ESC 1:50



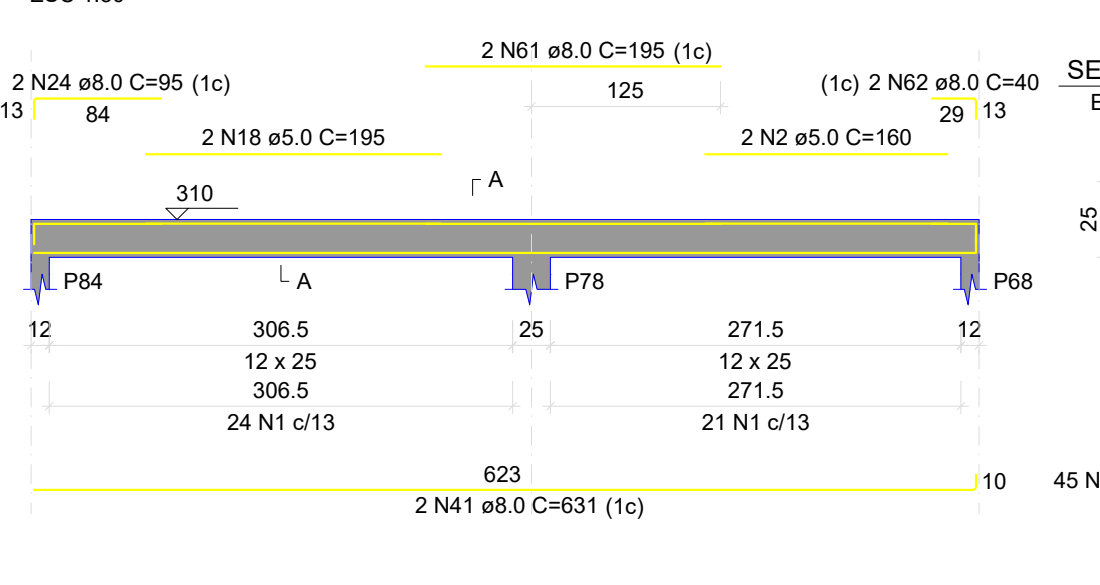
V32
ESC 1:50



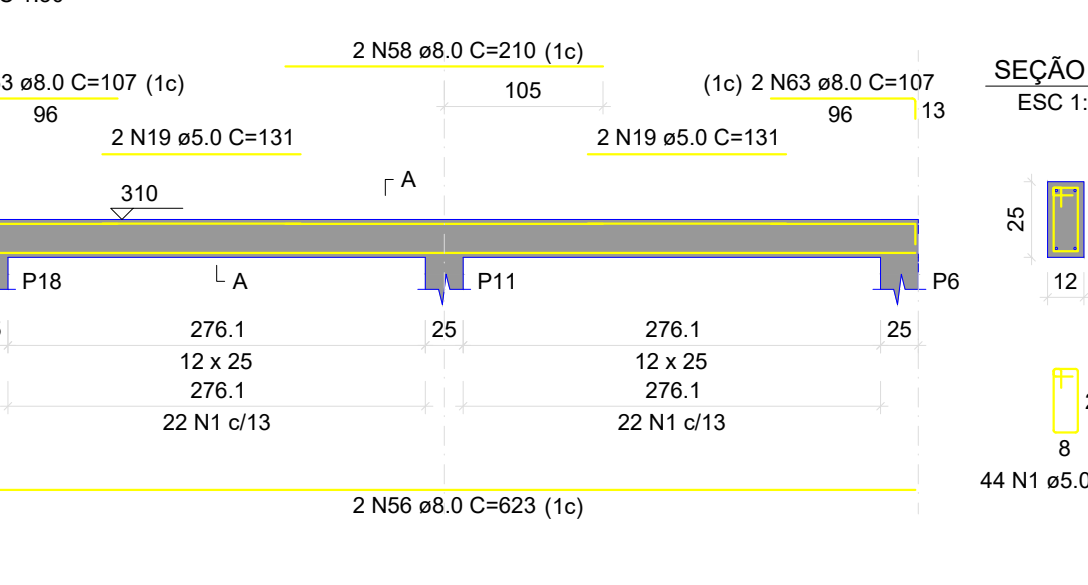
V33
ESC 1:50



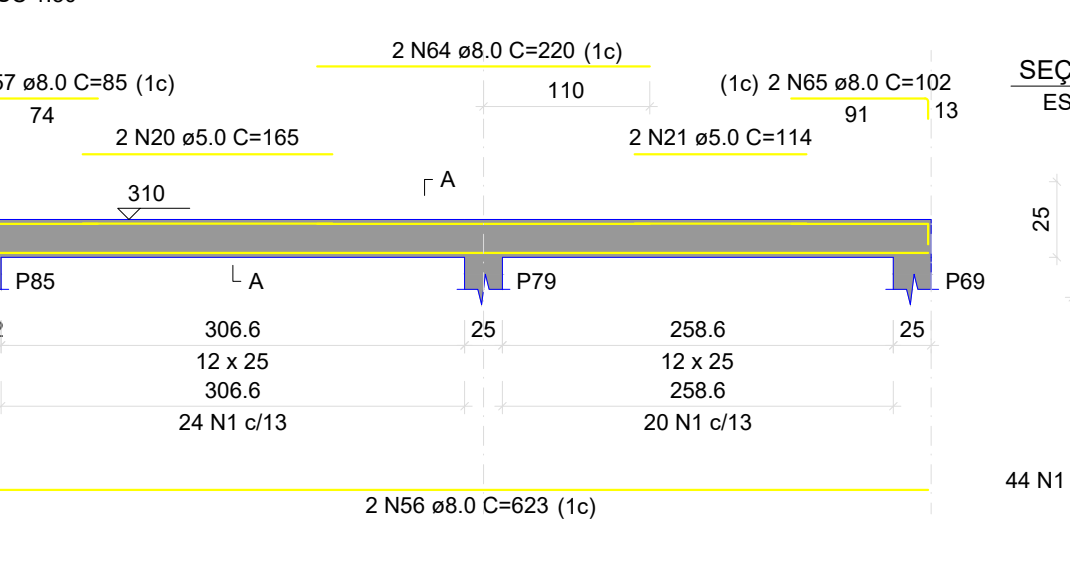
V34
ESC 1:50



V35
ESC 1:50



V36
ESC 1:50



RELACÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT	C TOTAL
CABO	1	8.0	1946	69	72174
	2	8.0	199	69	646
	3	8.0	2	186	396
	4	8.0	2	137	274
	5	8.0	2	169	338
	6	8.0	2	224	448
	7	8.0	2	103	206
	8	8.0	2	134	268
	9	8.0	2	115	230
	10	8.0	2	244	488
	11	8.0	2	171	342
	12	8.0	2	100	200
	13	8.0	2	200	400
	14	8.0	2	195	390
	15	8.0	2	185	370
	16	8.0	2	221	442
	17	8.0	2	153	306
	18	8.0	2	122	244
	19	8.0	2	131	262
	20	8.0	2	195	390
	21	8.0	2	114	228
	22	8.0	2	591	1182
	23	8.0	2	260	520
	24	8.0	2	95	190
	25	8.0	2	225	450
	26	8.0	2	520	1040
	27	8.0	2	325	650
	28	8.0	2	195	390
	29	8.0	2	141	282
	30	8.0	2	195	390
	31	8.0	2	225	450
	32	8.0	2	591	1182
	33	8.0	2	811	1622
	34	8.0	2	272	544
	35	8.0	10	255	2550
	36	8.0	2	136	272
	37	8.0	2	97	194
	38	8.0	2	291	582
	39	8.0	2	114	228
	40	8.0	2	104	208
	41	8.0	2	531	1062
	42	8.0	2	115	230
	43	8.0	2	315	630
	44	8.0	2	817	1634
	45	8.0	2	810	1620
	46	8.0	2	240	480
	47	8.0	2	260	520
	48	8.0	2	186	372
	49	8.0	2	186	372
	50	8.0	2	210	420
	51	8.0	2	817	1634
	52	8.0	2	556	1112
	53	8.0	2	342	684
	54	8.0	2	132	264
	55	8.0	2	85	170
	56	8.0	2	210	420
	57	8.0	2	520	1040
	58	8.0	2	450	900
	59	8.0	2	195	390
	60	8.0	2	107	214
	61	8.0	2	225	450
	62	8.0	2	102	204
	63	8.0	2	166	332

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL	PESO + 10%
CABO	8.0	486.6	211.2
	10.0	3.7	2.8
CABO	8.0	634.3	141.5
PESO TOTAL (kg)			
CABO	219.7		
CABO	141.5		
Volume de concreto (C-25) = 4.37 m³			
Área de forma = 90.34 m²			

APROVAÇÃO

ESTRUTURAL

Título do Projeto: EMEF SEBASTIÃO DA SILVA ORTIZ
Proprietário: PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO
Endereço da Obra: Rua: CATULINO CAPTULINO SIMÃO - DOM DANIEL

Assinatura: **PREFEITO - LEONARDO GARCIA HEINZEN**
Engº Civil: **Nilson do Prado Rodrigues - CREA-SC 172357-5**

Descrição: Prancha: **VIGAS SUPERIORES 2**

Autor do Projeto: _____

OBRA: **EMEF SEBASTIÃO DA SILVA ORTIZ**

Rua Catulino Capitulino Simão Bairro Dom Daniel
Município: São José do Cerrito - Estado: Santa Catarina

Área do Terreno: _____
Área Administrativa: Área = 119,37 M²

Área Sala e Outros: Área = 427,74 M²
Área total da Edificação Escolar
A= 547,11m²

ESCALA: **INDICADA** ESTRUTURAL

DATA EMISSÃO: **INDICADA** PRANCHA

DESENHISTA: **NILSON** **03/E**