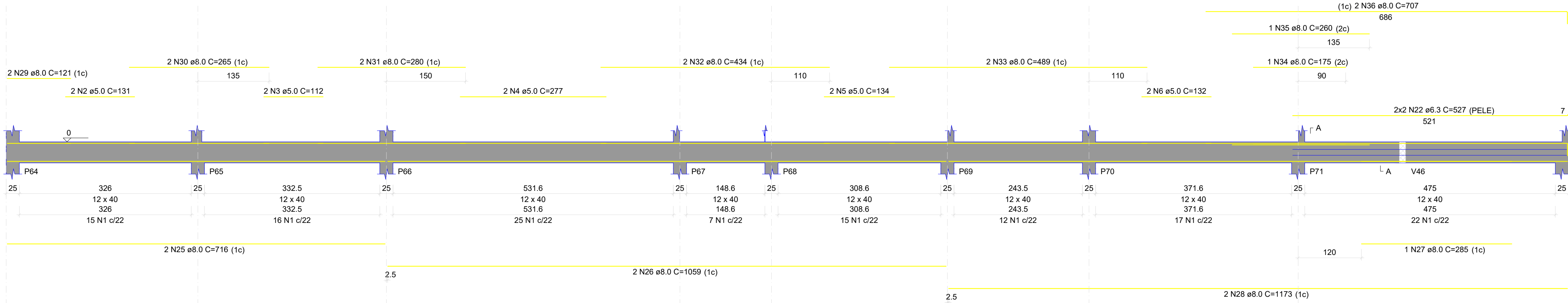


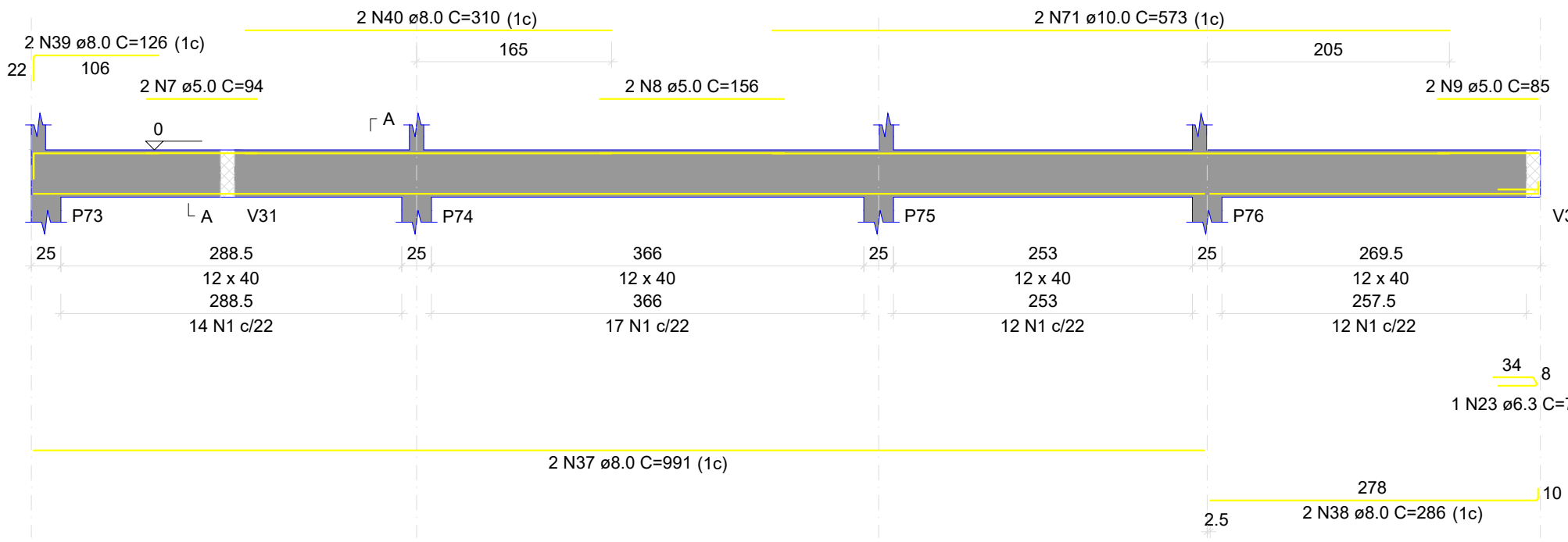
V22

ESC 1:50



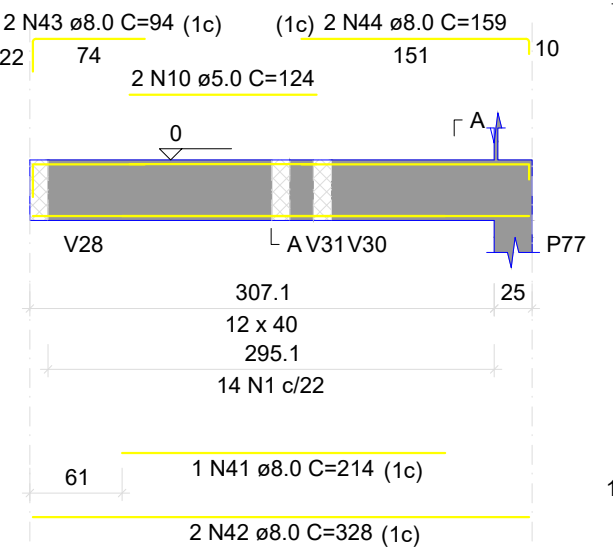
V23

ESC 1:50



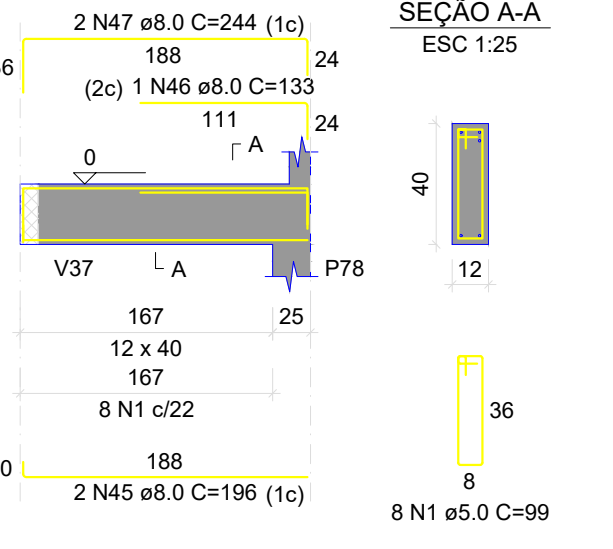
V24

ESC 1:50



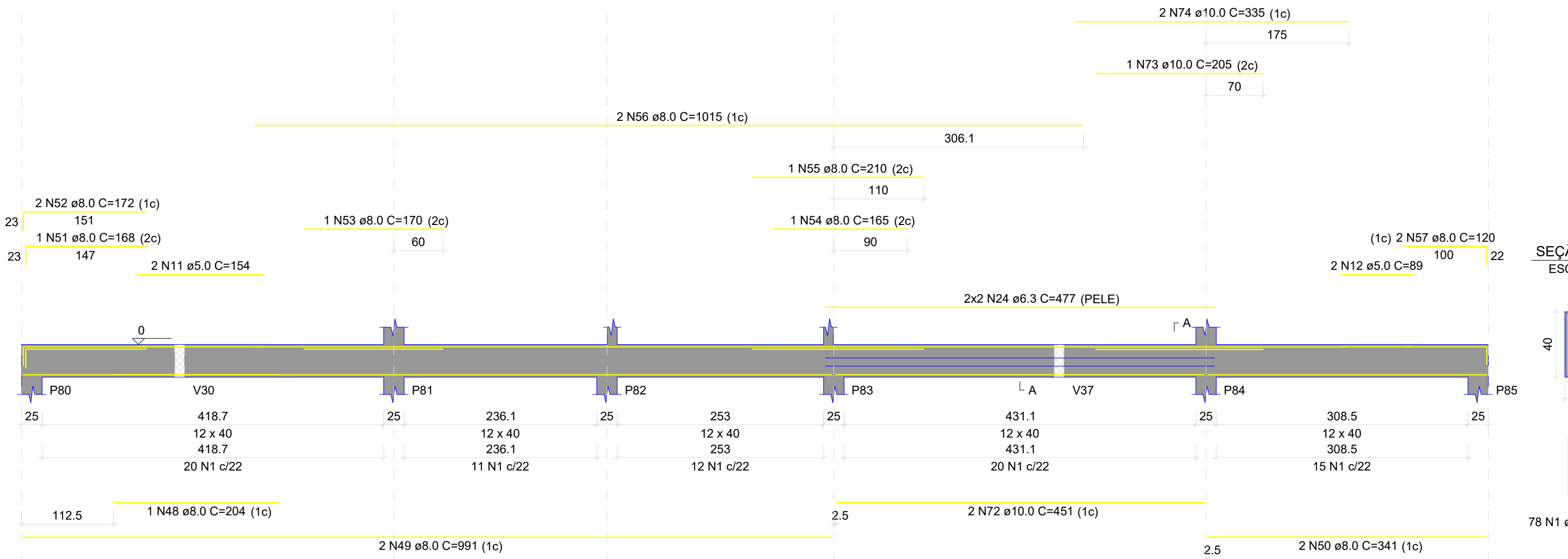
V25

ESC 1:50



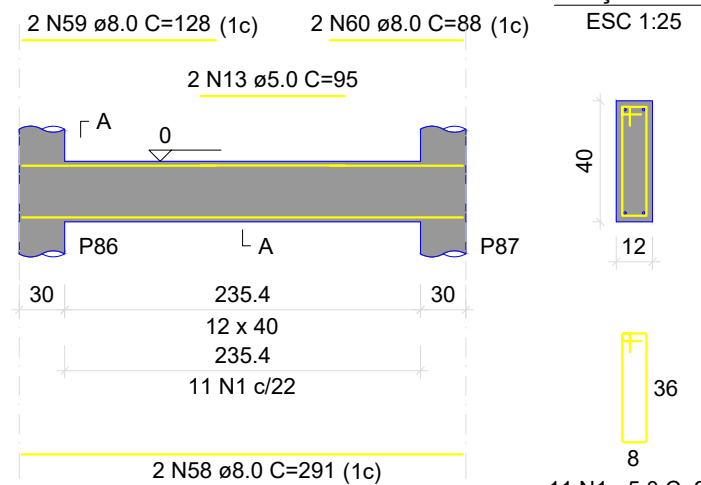
V26

ESC 1:50



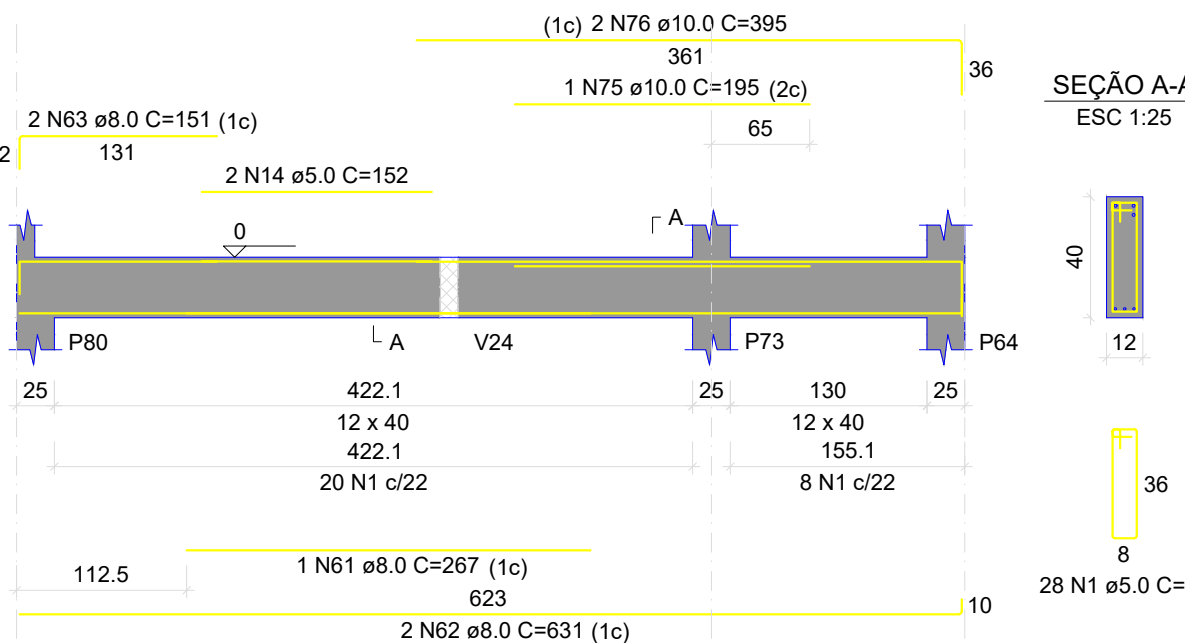
V27

ESC 1:50



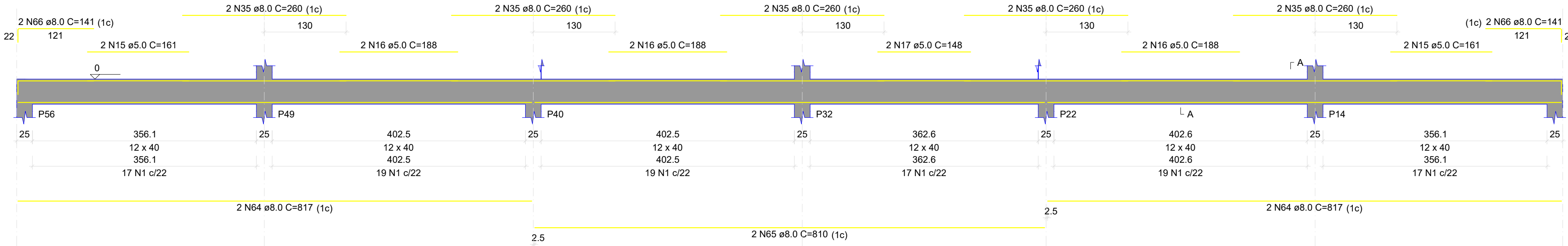
V28

ESC 1:50



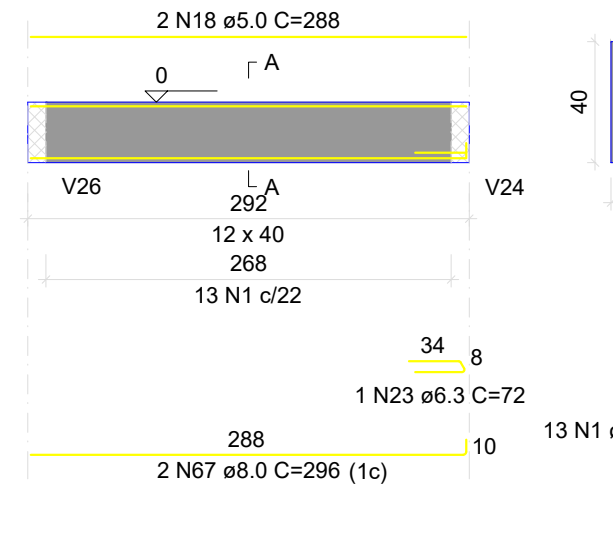
V29

ESC 1:50



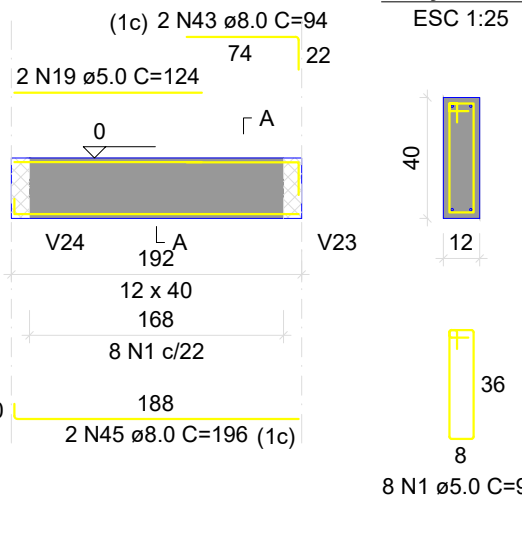
V30

ESC 1:50



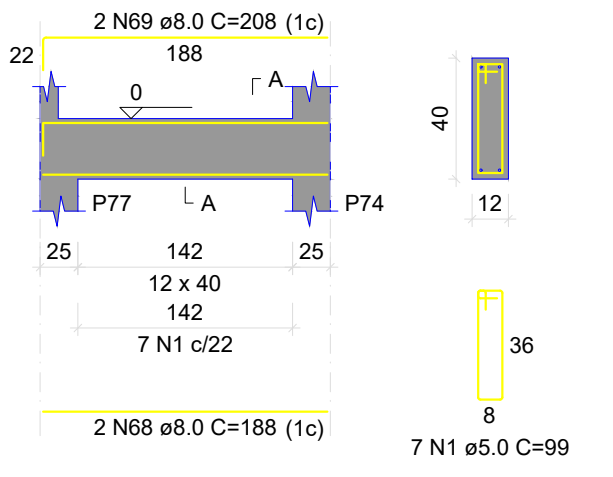
V31

ESC 1:50



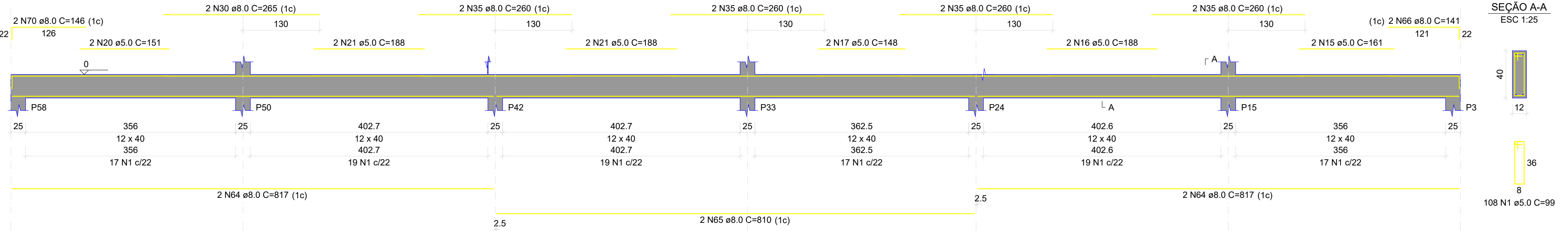
V32

ESC 1:50



V33

ESC 1:50



RELAÇÃO DO AÇO						
V22	V23	V24	V25	V26	V27	V28
V29	V30	V31	V32	V33		
ACO	N	DIAM	QUANT	C UNIT	C TOTAL	
(mm)						
CABO	3	8.0	567	99	56133	
	4	8.0	171	392	6684	
	5	8.0	112	224	2496	
	6	8.0	271	554	14984	
	7	8.0	134	298	3988	
	8	8.0	132	294	3888	
	9	8.0	94	188	1768	
	10	8.0	106	212	2248	
	11	8.0	85	170	1445	
	12	8.0	124	268	3308	
	13	8.0	85	190	1605	
	14	8.0	102	204	2082	
	15	8.0	161	350	5636	
	16	8.0	145	310	4490	
	17	8.0	145	310	4490	
	18	8.0	151	324	4884	
	19	8.0	124	240	2976	
	20	8.0	151	324	4884	
	21	8.0	189	402	7602	
	22	8.0	102	204	2082	
	23	8.0	72	144	1008	
	24	8.0	471	1008	47448	
	25	8.0	716	1432	10288	
	26	8.0	1171	2118	24786	
	27	8.0	285	582	16566	
	28	8.0	1171	2118	24786	
	29	8.0	121	242	2922	
	30	8.0	285	582	16566	
	31	8.0	290	590	17110	
	32	8.0	434	898	38812	
	33	8.0	489	978	47862	
	34	8.0	272	544	14768	
	35	8.0	19	380	6940	
	36	8.0	707	1414	9982	
	37	8.0	591	1182	6982	
	38	8.0	1171	2118	24786	
	39	8.0	126	252	3168	
	40	8.0	210	420	8820	
	41	8.0	214	428	9168	
	42	8.0	326	652	13512	
	43	8.0	94	188	3988	
	44	8.0	109	218	2376	
	45	8.0	133	266	3548	
	46	8.0	190	380	7200	
	47	8.0	244	488	11872	
	48	8.0	254	508	12802	
	49	8.0	244	488	11872	
	50	8.0	341	682	23512	
	51	8.0	169	338	7200	
	52	8.0	172	344	7504	
	53	8.0	170	340	7380	
	54	8.0	185	370	8010	
	55	8.0	210	420	8820	
	56	8.0	1010	2020	20380	
	57	8.0	120	240	3000	
	58	8.0	291	582	16818	
	59	8.0	126	252	3168	
	60	8.0	85	170	1445	
	61	8.0	267	534	14298	
	62	8.0	631	1262	7982	
	63	8.0	151	302	6036	
	64	8.0	817	1634	12858	
	65	8.0	810	1620	12720	
	66	8.0	141	282	3966	
	67	8.0	396	792	3168	
	68	8.0	141	282	3966	
	69	8.0	308	616	2496	
	70	8.0	370	740	3000	
	71	10.0	573	1146	11448	
	72	10.0	451	902	9020	
	73	10.0	1	205	205	
	74	10.0	335	670	6700	
	75	10.0	1	180	180	
	76	10.0	2	360	720	

RESUMO DO AÇO			
ACO	DIAM	C TOTAL	PESO + 10%
(mm)			
CABO	8.0	41.6	11.2
	8.0	443.5	981.6
	10.0	39.1	28.5
	8.0	682.4	108.4

PESO TOTAL	
(kg)	
CABO	128.9
CABO	108.4

Volume de concreto (C-25) = 6.26 m³
Área de forma = 120.28 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**
VIGAS 2

Engº Civil: **Nilson do Prado Rodrigues - CREA-SC 172357-5**

Autor do Projeto: _____

OBRA: **EMEF SEBASTIÃO DA SILVA ORTIZ**
Rua Catulino Capitulino Simão Bairro Dom Daniel
Município: São José do Cerrito - Estado: Santa Catarina

OBSERVAÇÕES:		ESCALA	
Área do Terreno:	Área Administrativa:	INDICADA	ESTRUTURAL
ÁREA ADMINISTRATIVA: ÁREA = 119,37 M²	ÁREA SALA E OUTROS: ÁREA = 427,74 M²	DATA EMISSÃO:	PRONCHIA
Área total da Edificação Escolar	Área = 547,11m²	DESENHISTA:	NILSON
			03/E