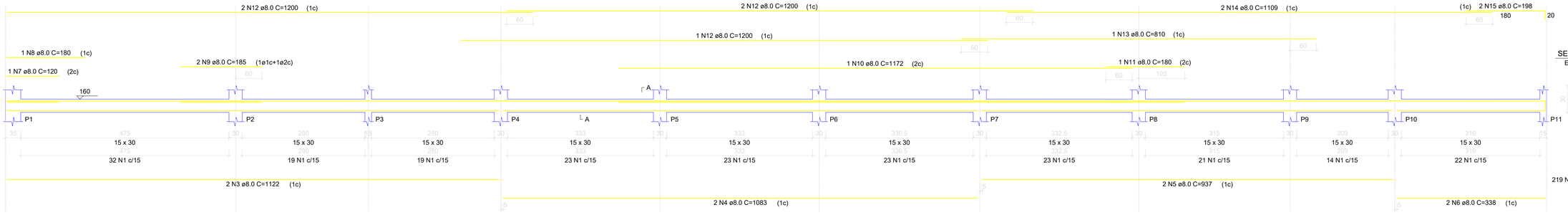
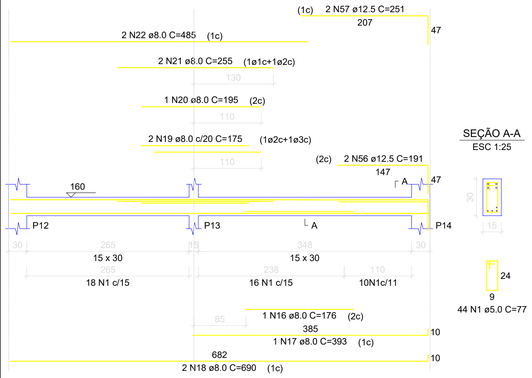
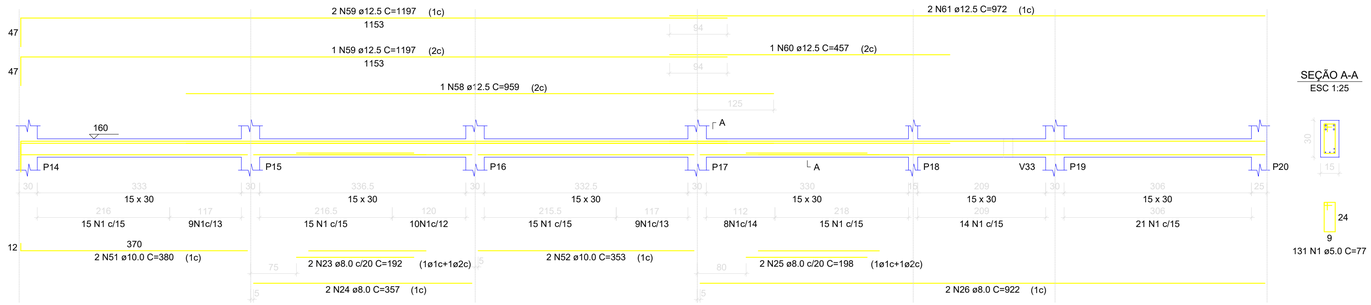
V1
ESC 1:50



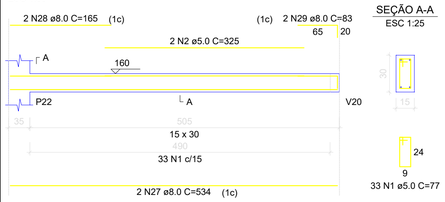
V2
ESC 1:50



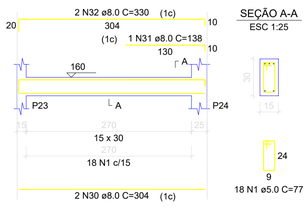
V3
ESC 1:50



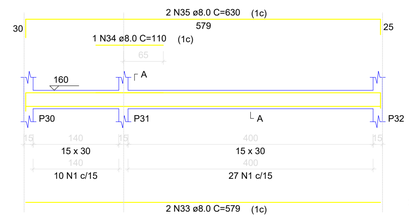
V4
ESC 1:50



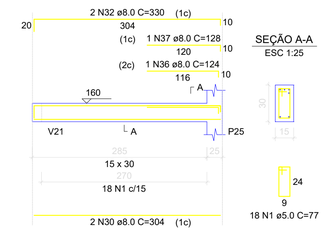
V5
ESC 1:50



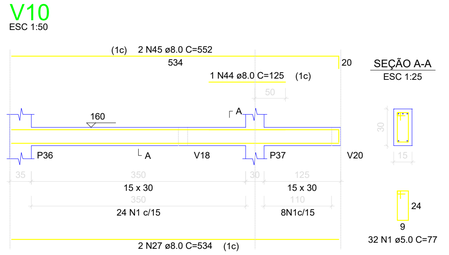
V6
ESC 1:50



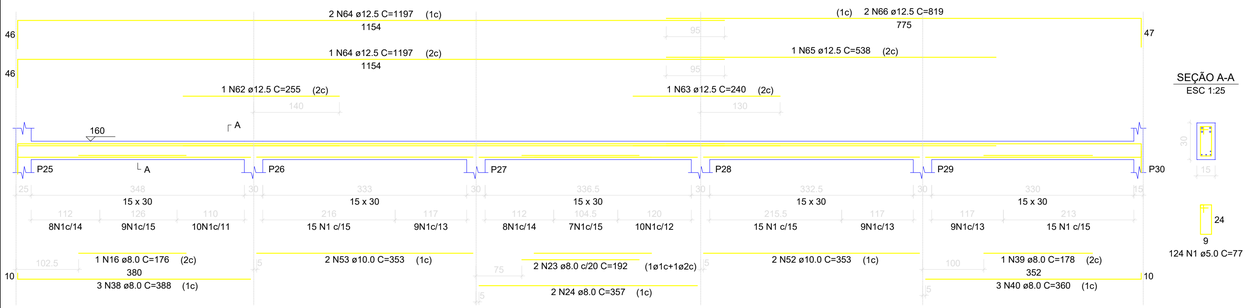
V7
ESC 1:50



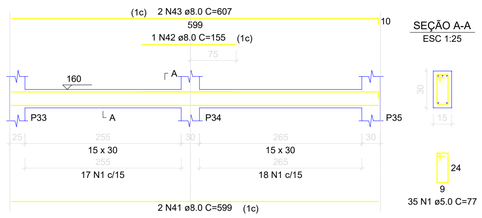
V10
ESC 1:50



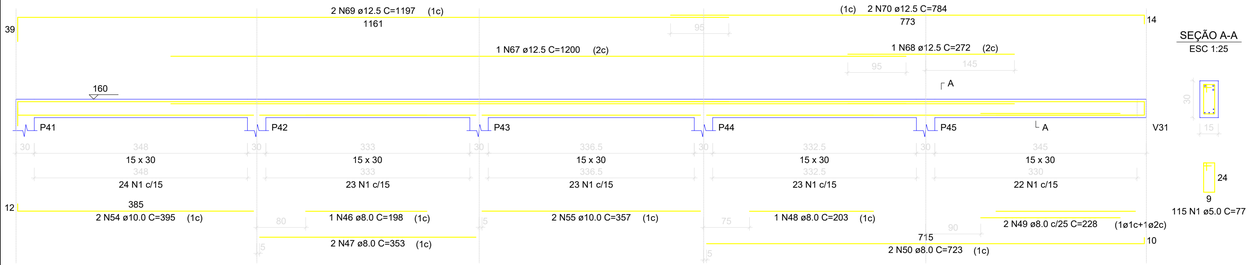
V8
ESC 1:50



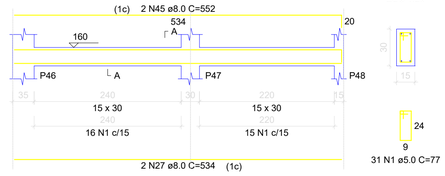
V9
ESC 1:50



V11
ESC 1:50



V12
ESC 1:50



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11 V12

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	837	77	64449
	2	5.0	2	325	650
CA50	3	8.0	2	1122	2244
	4	8.0	2	1083	2166
	5	8.0	2	937	1874
	6	8.0	2	338	676
	7	8.0	1	120	120
	8	8.0	1	180	180
	9	8.0	2	185	370
	10	8.0	1	1172	1172
	11	8.0	1	180	180
	12	8.0	5	1200	6000
	13	8.0	1	810	810
	14	8.0	2	1109	2218
	15	8.0	2	198	396
	16	8.0	2	176	352
	17	8.0	1	393	393
	18	8.0	2	690	1380
	19	8.0	2	175	350
	20	8.0	1	195	195
	21	8.0	2	255	510
	22	8.0	2	485	970
	23	8.0	4	192	768
	24	8.0	4	357	1428
	25	8.0	2	198	396
	26	8.0	2	922	1844
	27	8.0	6	534	3204
	28	8.0	2	165	330
	29	8.0	2	83	166
	30	8.0	4	304	1216
	31	8.0	1	138	138
	32	8.0	4	330	1320
	33	8.0	2	579	1158
	34	8.0	1	110	110
	35	8.0	2	630	1260
	36	8.0	1	124	124
	37	8.0	1	128	128
	38	8.0	3	388	1164
	39	8.0	1	178	178
	40	8.0	3	360	1080
	41	8.0	2	599	1198
	42	8.0	1	153	153
	43	8.0	2	607	1214
	44	8.0	1	125	125
	45	8.0	4	552	2208
	46	8.0	1	198	198
	47	8.0	2	353	706
	48	8.0	1	203	203
	49	8.0	2	228	456
	50	8.0	2	723	1446
	51	10.0	2	380	760
	52	10.0	4	353	1412
	53	10.0	2	353	706
	54	10.0	2	395	790
	55	10.0	2	357	714
	56	12.5	2	1197	3594
	57	12.5	2	251	502
	58	12.5	1	959	959
	59	12.5	3	1197	3591
	60	12.5	1	457	457
	61	12.5	2	972	1944
	62	12.5	1	255	255
	63	12.5	1	240	240
	64	12.5	3	1197	3591
	65	12.5	1	538	538
	66	12.5	2	819	1638
	67	12.5	1	1200	1200
	68	12.5	1	272	272
	69	12.5	2	1197	2394
	70	12.5	2	784	1568

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	464.8	291.7
	10.0	43.8	29.7
	12.5	165.3	207
CA60	5.0	651	110.4

PESO TOTAL (kg)	
CA50	438.4
CA60	110.4

Volume de concreto (C-25) = 6.01 m³
Área de forma = 100.16 m²

AMNOROESTE
ASSOCIAÇÃO DOS MUNICÍPIOS DO NOROESTE DE SANTA CATARINA

PROJETO:	ESTRUTURAL
OBRA:	AMPLIAÇÃO QUADRA PRAÇA HÉLIO ANTÔNIO FAREZIN
ENDEREÇO:	RUA PRIMO BODANESE CENTRO - QUILOMBO-SC
PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE QUILOMBO - SC CNPJ.83.021.865/0001-61
RESPONSÁVEL TÉCNICO:	Engº Civil Amarildo M. Ribeiro - CREA-SC 156004-7
RESPONSÁVEL TÉCNICO:	JAISON RENAN DOS SANTOS:10341435902 Assinado de forma digital por JAISON RENAN DOS SANTOS:10341435902 Engº Civil Jaison R. dos Santos - CREA SC 178513-5
RESPONSÁVEL TÉCNICO:	Engº Matheus Bez da Silveira - CREA-SC 202276-0
RESPONSÁVEL TÉCNICO:	Engº Eletricista Charlan Smaniotto Luzzatto - CREA-SC 127695-8
DESENHO CAD:	Eliveltro Jesus Passini - CFT - 01901295907 Edivanda Meurer - CREA SC 179524-5
DESCRIÇÃO: VIGAS 1º PAVIMENTO - NÍVEL 160	PRANCHA: ES - 10/25
ÁREA: ÁREA A AMPLIAR = 593,61m² ÁREA A REFORMAR = 1.938,53m² ÁREA TOTAL = 2.532,14m²	ESCALA: INDICADA
CONTATO: E-MAIL: amnoroeste@amnoroeste.org.br - TEL: (49)3344-1991	

20/03/2026