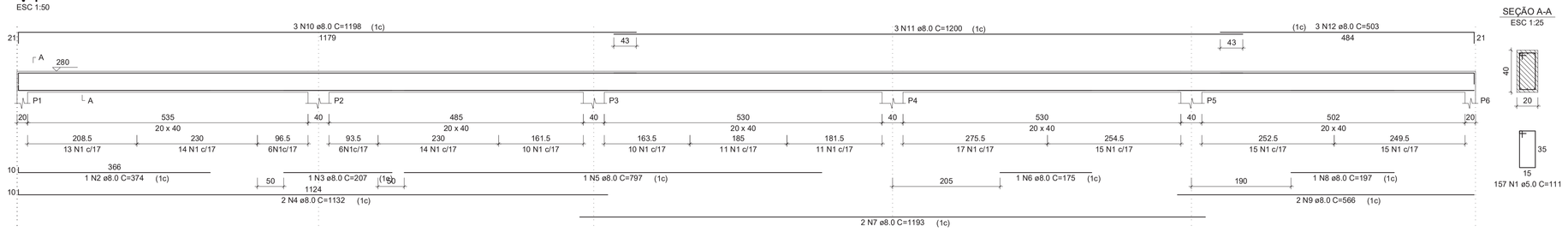
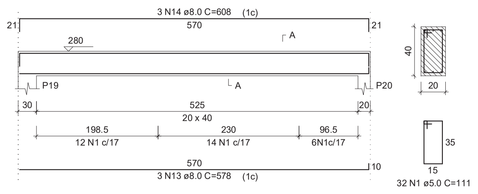
escala 1:50

V1
ESC 1:50



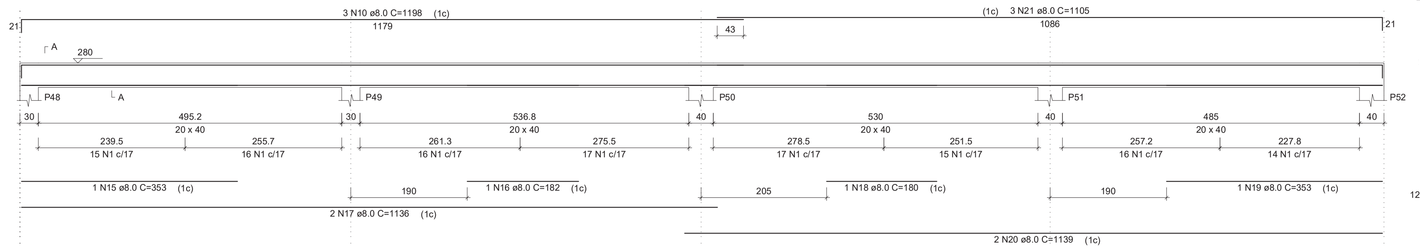
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50

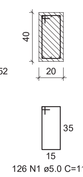


SEÇÃO A-A
ESC 1:25

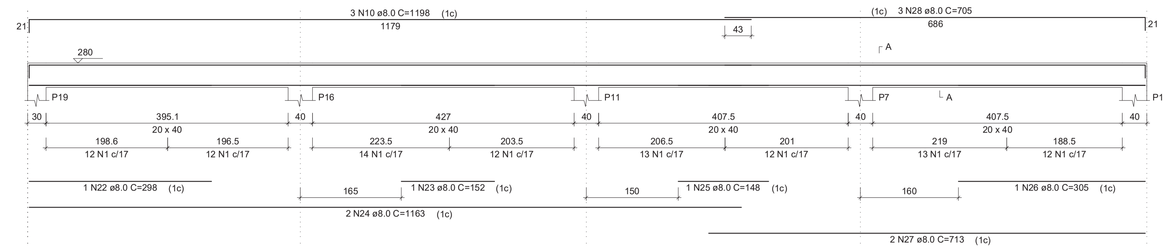
V3
ESC 1:50



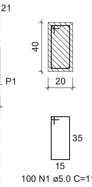
SEÇÃO A-A
ESC 1:25



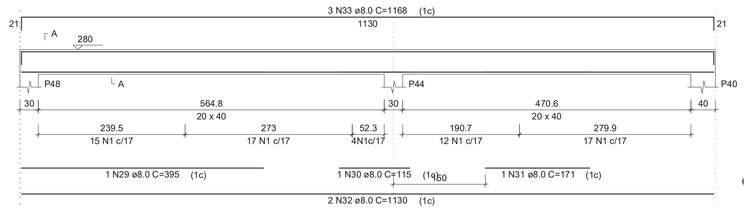
V4
ESC 1:50



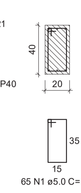
SEÇÃO A-A
ESC 1:25



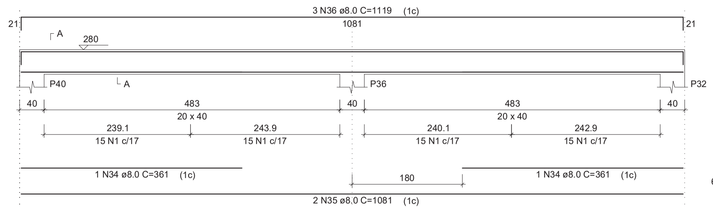
V5
ESC 1:50



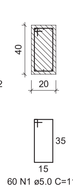
SEÇÃO A-A
ESC 1:25



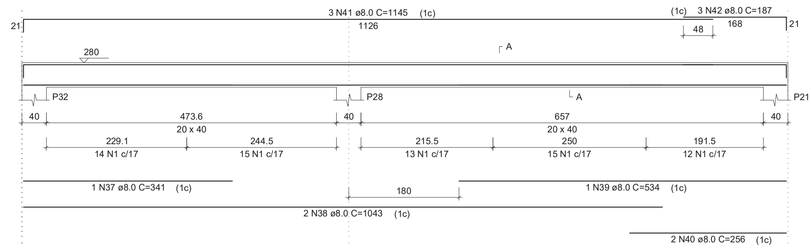
V6
ESC 1:50



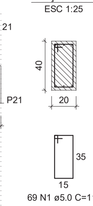
SEÇÃO A-A
ESC 1:25



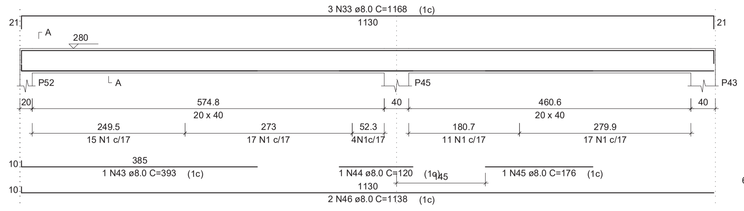
V7
ESC 1:50



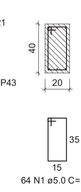
SEÇÃO A-A
ESC 1:25



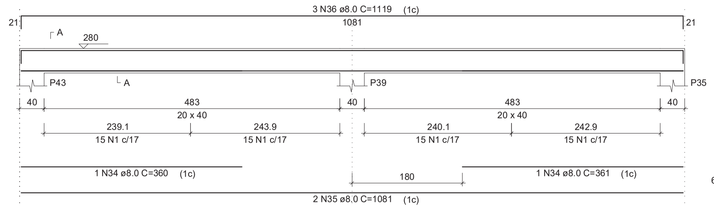
V8
ESC 1:50



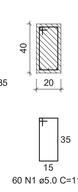
SEÇÃO A-A
ESC 1:25



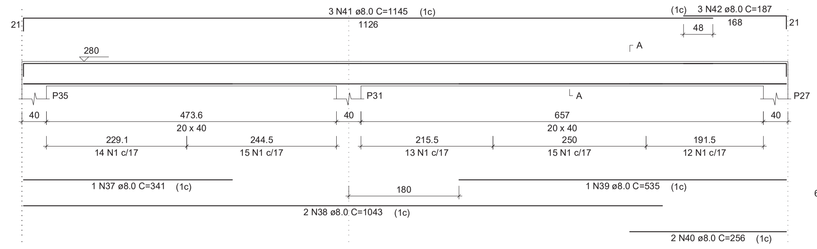
V9
ESC 1:50



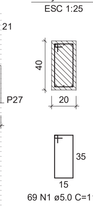
SEÇÃO A-A
ESC 1:25



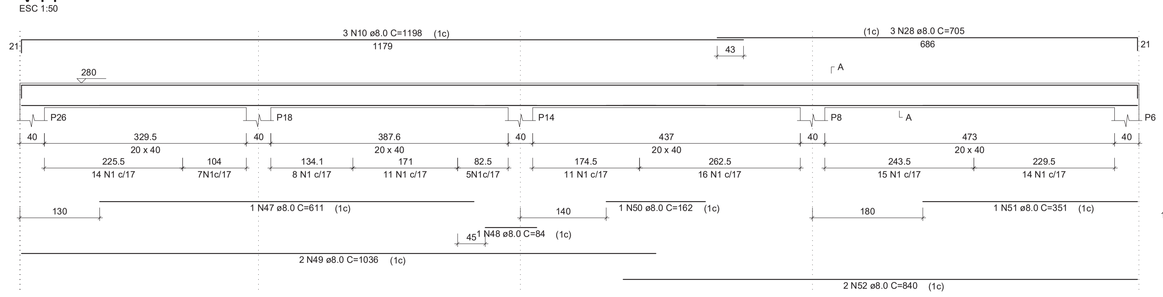
V10
ESC 1:50



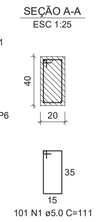
SEÇÃO A-A
ESC 1:25



V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	903	111	100233
CA50	2	8.0	1	374	374
	3	8.0	1	207	207
	4	8.0	2	1132	2264
	5	8.0	1	797	797
	6	8.0	1	175	175
	7	8.0	2	1193	2386
	8	8.0	1	197	197
	9	8.0	2	566	1132
	10	8.0	12	1198	14376
	11	8.0	3	1200	3600
	12	8.0	3	503	1509
	13	8.0	3	578	1734
	14	8.0	3	608	1824
	15	8.0	1	353	353
	16	8.0	1	182	182
	17	8.0	2	1136	2272
	18	8.0	1	138	138
	19	8.0	1	353	353
	20	8.0	2	1139	2278
	21	8.0	3	1105	3315
	22	8.0	1	298	298
	23	8.0	1	152	152
	24	8.0	2	1163	2326
	25	8.0	1	148	148
	26	8.0	1	305	305
	27	8.0	2	713	1426
	28	8.0	6	705	4230
	29	8.0	1	395	395
	30	8.0	1	115	115
	31	8.0	1	171	171
	32	8.0	2	1130	2260
	33	8.0	6	1168	7008
	34	8.0	4	361	1444
	35	8.0	4	1081	4324
	36	8.0	6	1119	6714
	37	8.0	2	341	682
	38	8.0	4	1043	4172
	39	8.0	2	534	1068
	40	8.0	4	256	1024
	41	8.0	6	1145	6870
	42	8.0	6	187	1122
	43	8.0	1	393	393
	44	8.0	1	120	120
	45	8.0	1	176	176
	46	8.0	2	1138	2276
	47	8.0	1	611	611
	48	8.0	1	84	84
	49	8.0	2	1036	2072
	50	8.0	1	162	162
	51	8.0	1	351	351
	52	8.0	2	840	1680

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	936.9	406.6
CA60	5.0	1002.3	169.9
PESO TOTAL (kg)			
CA50	406.6		
CA60	169.9		

Volume de concreto (C-30) = 12.95 m³
Área de forma = 161.82 m²

PROJETO ESTRUTURAL

Gustavo Ribeiro da Silva
Engenheiro Civil
CREA/RS 208.184
ART nº 8135054

CENTRO DE EVENTOS

PAVIMENTO NÍVEL 1
VIGAS

Escala: 1/50		DESENHO 01
Desenho:	Revisão: 0	FOLHA 01/01
Data: 14/09/18	Unidade: cm	

FORMATO A0 - INTERNO: 1049 x 821 mm.
EXTERNO: 1189 x 841 mm.