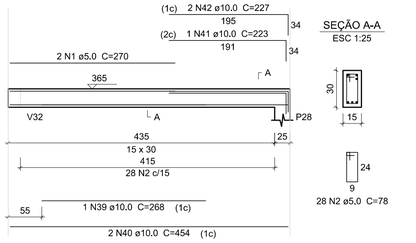
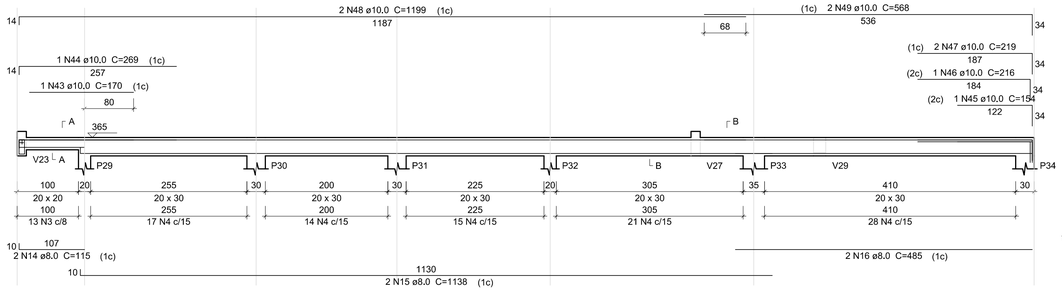
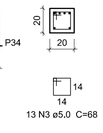
V13
ESC 1:50



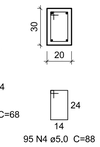
V14
ESC 1:50



SEÇÃO A-A
ESC 1:25

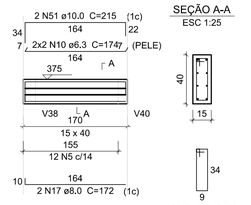


SEÇÃO B-B
ESC 1:25



SUSPENSÃO V23
ESC 1:25

V22
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

V13 V14 V15
V17 V18 V21
V22 V23 V24
V25 V33 V34
V35 V36

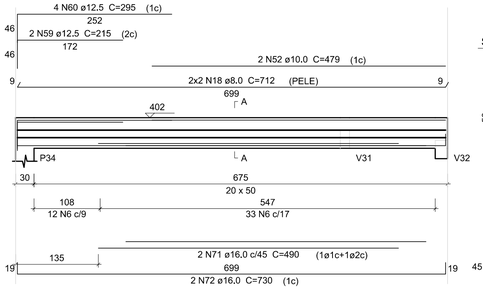
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	270	540
	2	5.0	128	78	9984
	3	5.0	26	68	1768
	4	5.0	151	88	13288
	5	5.0	177	98	17346
	6	5.0	88	128	11264
	7	5.0	52	58	3016
	8	5.0	2	438	876
	9	5.0	2	508	1016
CA50	10	6.3	4	174	696
	11	6.3	4	69	276
	12	6.3	8	117	936
	13	6.3	4	120	480
	14	8.0	12	115	1380
	15	8.0	2	1138	2276
	16	8.0	2	485	970
	17	8.0	2	172	344
	18	8.0	4	712	2848
	19	8.0	2	315	630
	20	8.0	2	67	134
	21	8.0	2	189	378
	22	8.0	2	225	450
	23	8.0	3	103	309
	24	8.0	2	620	1240
	25	8.0	2	1030	2060
	26	8.0	1	423	423
	27	8.0	2	697	1394
	28	8.0	2	752	1504
	29	8.0	1	200	200
	30	8.0	2	623	1246
	31	8.0	2	107	214
	32	8.0	2	307	614
	33	8.0	2	335	670
	34	8.0	2	1127	2254
	35	8.0	2	1176	2352
	36	8.0	2	452	904
	37	8.0	2	419	838
	38	8.0	2	465	930
	39	10.0	1	268	268
	40	10.0	2	454	908
	41	10.0	1	223	223
	42	10.0	2	227	454
	43	10.0	1	170	170
	44	10.0	1	269	269
	45	10.0	1	154	154
	46	10.0	1	216	216
	47	10.0	2	219	438
	48	10.0	2	1199	2398
	49	10.0	2	568	1136
	50	10.0	5	79	395
	51	10.0	2	215	430
	52	10.0	2	479	958
	53	10.0	2	399	798
	54	10.0	2	110	220
	55	10.0	1	201	201
	56	10.0	2	569	1138
	57	10.0	2	934	1868
	58	10.0	2	345	690
	59	12.5	2	215	430
	60	12.5	4	295	1180
	61	12.5	2	410	820
	62	12.5	3	733	2199
	63	12.5	1	197	197
	64	12.5	3	237	711
	65	12.5	1	241	241
	66	12.5	3	793	2379
	67	12.5	1	350	350
	68	12.5	1	358	358
	69	12.5	1	215	215
	70	12.5	2	1141	2282
	71	16.0	2	490	980
	72	16.0	2	730	1460
	73	16.0	2	430	860

Resumo do aço

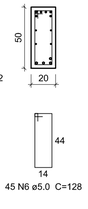
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	23.9	5.8
	8.0	265.7	104.8
	10.0	133.4	82.2
	12.5	113.7	109.5
	16.0	33	52.1
CA60	5.0	591	91.1
PESO TOTAL (kg)			
CA50	354.4		
CA60	91.1		

Volume de concreto (C-25) = 6.26 m³
Área de forma = 90.85 m²

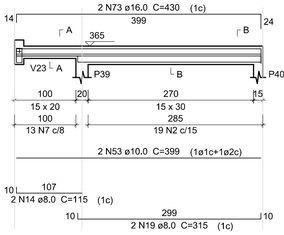
V15
ESC 1:50



SEÇÃO A-A
ESC 1:25



V17
ESC 1:50

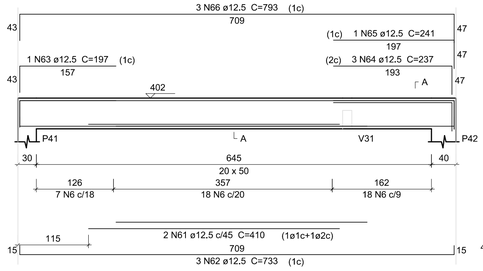


SEÇÃO A-A
ESC 1:25

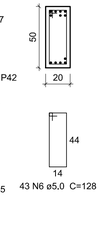
SEÇÃO B-B
ESC 1:25

SUSPENSÃO V23
ESC 1:25

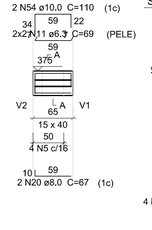
V18
ESC 1:50



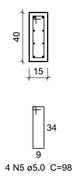
SEÇÃO A-A
ESC 1:25



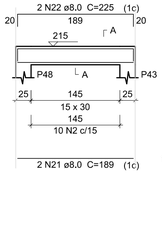
V33
ESC 1:50



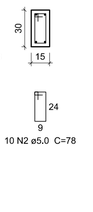
SEÇÃO A-A
ESC 1:25



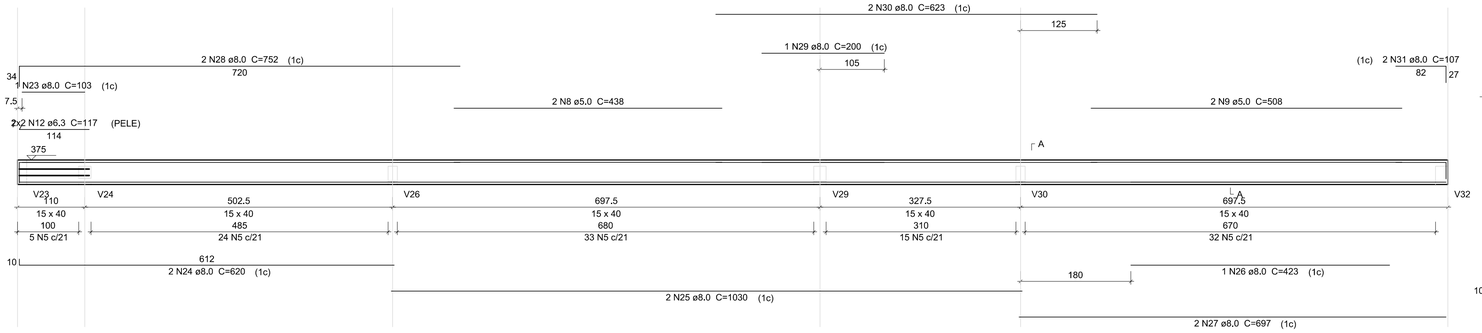
V34
ESC 1:50



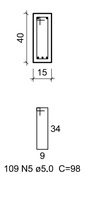
SEÇÃO A-A
ESC 1:25



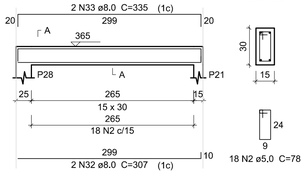
V21
ESC 1:50



SEÇÃO A-A
ESC 1:25

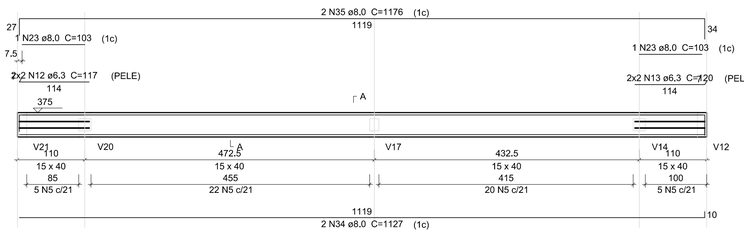


V35
ESC 1:50

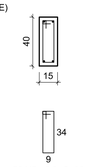


SEÇÃO A-A
ESC 1:25

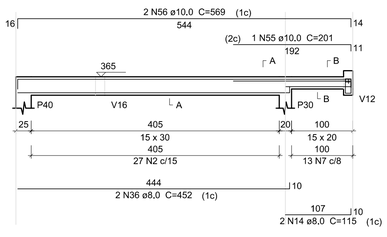
V23
ESC 1:50



SEÇÃO A-A
ESC 1:25



V25
ESC 1:50

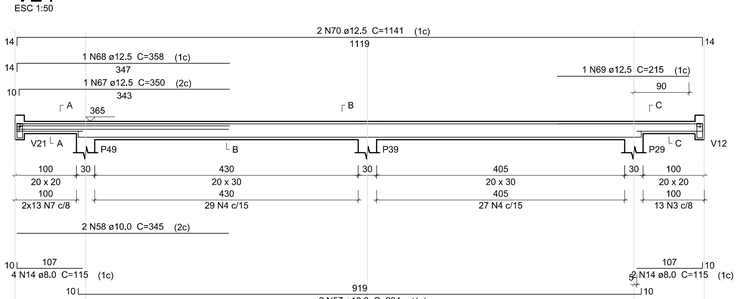


SEÇÃO A-A
ESC 1:25

SEÇÃO B-B
ESC 1:25

SUSPENSÃO V12
ESC 1:25

V24
ESC 1:50



SEÇÃO A-A
ESC 1:25

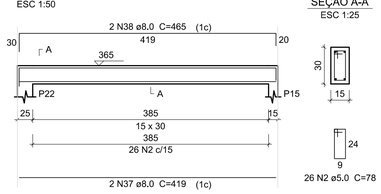
SEÇÃO B-B
ESC 1:25

SEÇÃO C-C
ESC 1:25

SUSPENSÃO V21
ESC 1:25

SUSPENSÃO V12
ESC 1:25

V36
ESC 1:50



SEÇÃO A-A
ESC 1:25

Prefeitura Municipal de **Rolante**

obra:
Pavilhão das Cuqueiras

local:
Rua Júlio Kohlrausch, 524 - Rolante/RS

prancha:
Estrutural - Produção e vendas - Detalhm. vigas da cobertura (2/4)

nº: 14/30

extensão/área: 665,10m²
escala: indicada
unidade: centímetro
data: FEV./2016

Ademir Gomes Gonçalves
prefeito municipal

Luciana Gabriele Renck
eng. civil - CREA RS 193.127

Av. Getúlio Vargas, 110 | Centro | Rolante/RS | CEP 95690-000
(51) 3547.1188 | www.prefrolante.com.br

841mm x 594mm