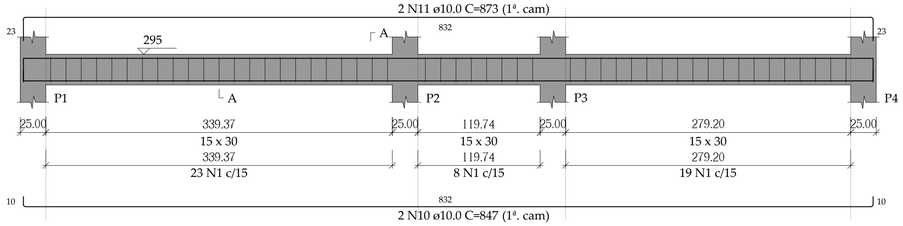
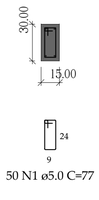
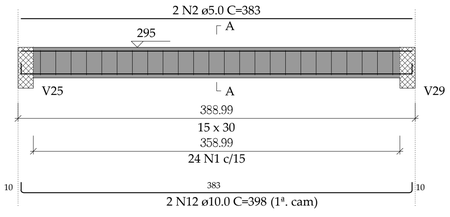
V1 (15 x 30)
Esc.: 1:30



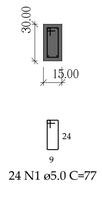
SEÇÃO A-A
Esc.: 1:25



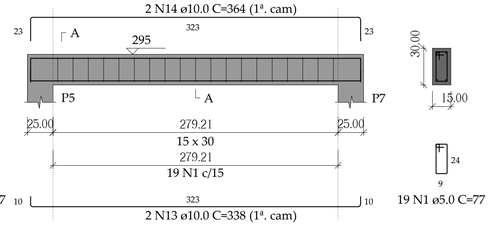
V2 (15 x 30)
Esc.: 1:30



SEÇÃO A-A
Esc.: 1:25

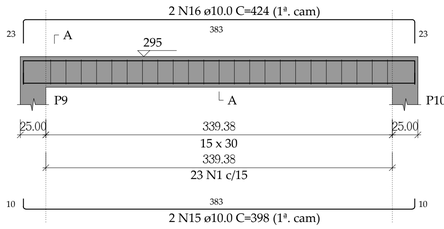


V3 (15 x 30)
Esc.: 1:30

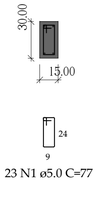


SEÇÃO A-A
Esc.: 1:25

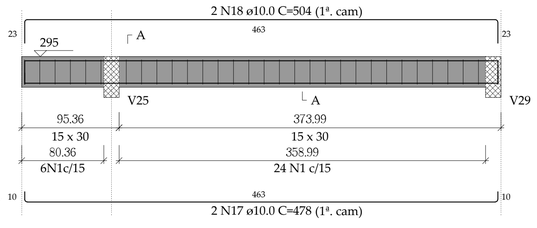
V4 (15 x 30)
Esc.: 1:30



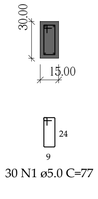
SEÇÃO A-A
Esc.: 1:25



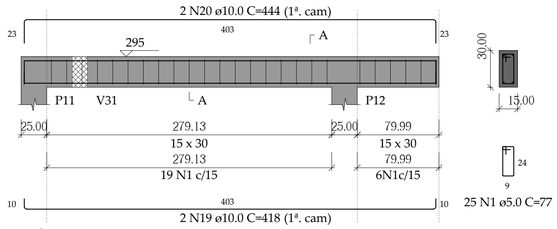
V5 (15 x 30)
Esc.: 1:30



SEÇÃO A-A
Esc.: 1:25

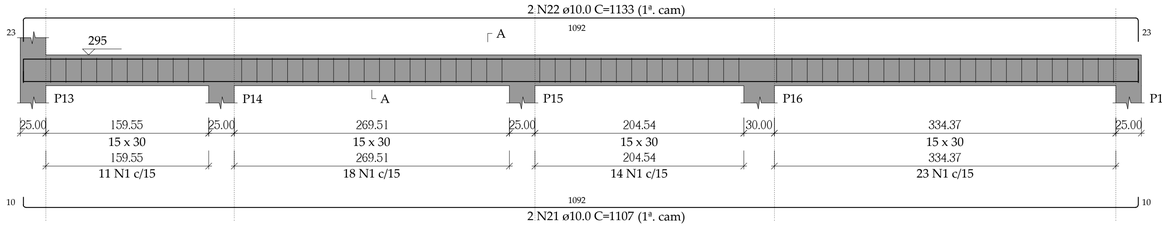


V6 (15 x 30)
Esc.: 1:30

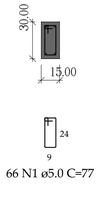


SEÇÃO A-A
Esc.: 1:25

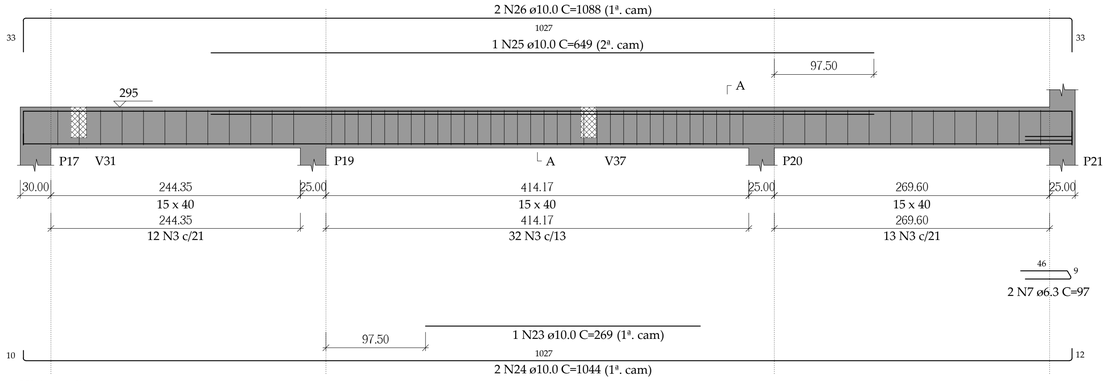
V7 (15 x 30)
Esc.: 1:30



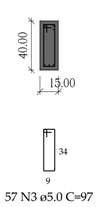
SEÇÃO A-A
Esc.: 1:25



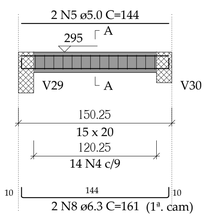
V8 (15 x 40)
Esc.: 1:30



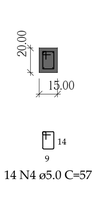
SEÇÃO A-A
Esc.: 1:25



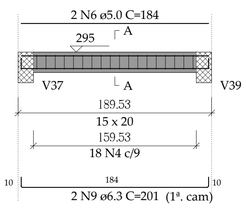
V10 (15 x 20)
Esc.: 1:30



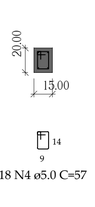
SEÇÃO A-A
Esc.: 1:25



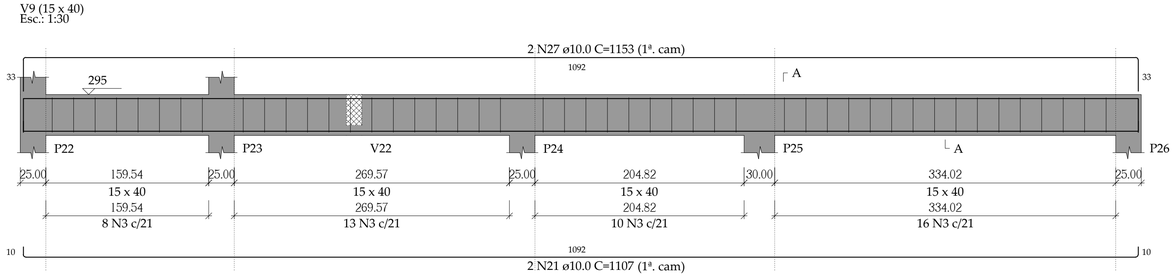
V11 (15 x 20)
Esc.: 1:30



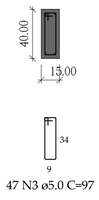
SEÇÃO A-A
Esc.: 1:25



V9 (15 x 40)
Esc.: 1:30



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	237	77	18249
	2	5.0	2	383	766
	3	5.0	104	97	10088
	4	5.0	32	57	1824
	5	5.0	2	144	288
	6	5.0	2	184	368
CA50	7	6.3	2	97	194
	8	6.3	2	161	322
	9	6.3	2	201	402
	10	10.0	2	847	1694
	11	10.0	2	873	1746
	12	10.0	2	398	796
	13	10.0	2	338	676
	14	10.0	2	364	728
	15	10.0	2	398	796
	16	10.0	2	424	848
	17	10.0	2	478	956
	18	10.0	2	504	1008
	19	10.0	2	418	836
	20	10.0	2	444	888
	21	10.0	4	1107	4428
	22	10.0	2	1133	2266
	23	10.0	1	269	269
	24	10.0	2	1044	2088
	25	10.0	1	649	649
	26	10.0	2	1088	2176
	27	10.0	2	1153	2306

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	9.2	1	2.5
	10.0	251.5	24	170.6
CA60	5.0	315.8	29	53.5

PESO TOTAL (kg)	
CA50	173.1
CA60	53.5

Volume de concreto (C-25) = 3.15 m³
Área de forma = 51.53 m²

OBSERVAÇÕES:

01 - DIVERGINDO COTA E ESCALA, PREVALECE A COTA;
02 - CONFERIR MEDIDAS NO LOCAL;
03 - MEDIDAS NO OSSO (SEM REVESTIMENTOS OU ACABAMENTOS);
04 - QUALQUER ALTERAÇÃO NO ESCOPO DO PROJETO, SOMENTE PODERÁ SER EFETUADA COM A ATORIZAÇÃO DO PROJETISTA;
05 - DIREITOS AUTORAIS RESERVADOS CONFORME LEI VIGENTE;

Representante Legal
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Secretário Municipal de Saúde
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Engenheiro Civil - CREA/SC: 162.299-8
allan.betoni@gaspar.sc.gov.br

INTERVENÇÃO:
EXECUÇÃO DE UNIDADE BÁSICA DE SAÚDE DE SETEMBRO

PREFEITURA MUNICIPAL DE GASPAR
SECRETARIA DE SAÚDE
RUA ITUPORANGA Nº 52

OBRA: UNIDADE BÁSICA DE SAÚDE - SETE DE SETEMBRO

PROJETO: ESTRUTURAL
ESCALA: INDICADA

CONTEÚDO:
- DETALHAMENTO DE VIGAS (TÉRREO) V1 A V11

PRANCHA: EST 20/30

ARQUIVO: EST-UBSSete-V.02-(03/07/2020) | Nº DE PRANCHAS: 30 | DATA: JUL/2020