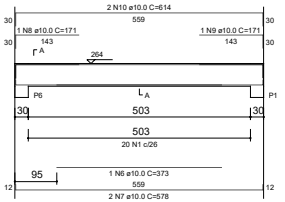
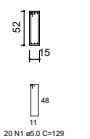
V9

ESC 1:60



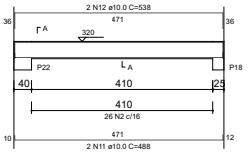
SEÇÃO A-A

ESC 1:40



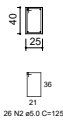
V10

ESC 1:60



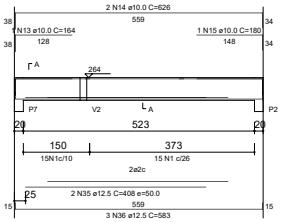
SEÇÃO A-A

ESC 1:40



V11

ESC 1:60



SEÇÃO A-A

ESC 1:40

RELAÇÃO DO AÇO

V9 V10 V11
V12 V13 V14
V15 V16 V17
V19

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	110	129	14190
	2	5.0	52	125	6500
	3	5.0	174	159	27666
CA50	4	6.3	24	1196	28704
	5	6.3	24	57	1368
	6	10.0	1	373	373
	7	10.0	2	578	1156
	8	10.0	1	171	171
	9	10.0	1	171	171
	10	10.0	2	614	1228
	11	10.0	4	488	1952
	12	10.0	4	538	2152
	13	10.0	2	164	328
	14	10.0	2	626	1252
	15	10.0	1	180	180
	16	10.0	1	330	330
	17	10.0	3	313	939
	18	10.0	6	1084	6504
	19	10.0	6	188	1128
	20	10.0	3	350	1050
	21	10.0	3	1224	3672
	22	10.0	4	411	1644
	23	10.0	2	315	630
	24	10.0	4	426	1704
	25	10.0	2	318	636
	26	10.0	4	149	596
	27	10.0	1	250	250
	28	10.0	1	290	290
	29	10.0	2	1251	2502
	30	10.0	2	626	1252
	31	10.0	1	180	180
	32	10.0	1	200	200
	33	10.0	2	1104	2208
	34	10.0	2	208	416
	35	12.5	4	408	1632
	36	12.5	6	583	3498

RESUMO DO AÇO

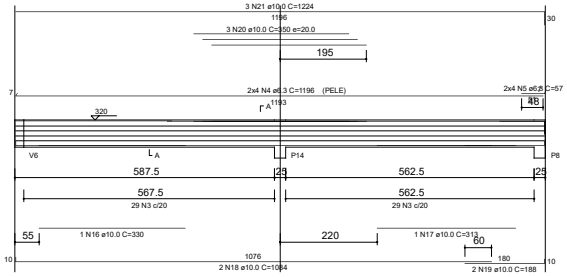
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	300.7	80.9
	10.0	350.9	238
	12.5	51.3	54.4
CA60	5.0	483.6	82

PESO TOTAL (kg)	
CA50	373.3
CA60	82

Volume de concreto (C-25) = 7.38 m³
Área de forma = 91.78 m²

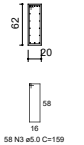
V12

ESC 1:60



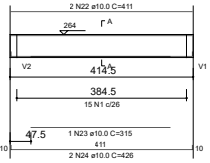
SEÇÃO A-A

ESC 1:40



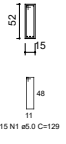
V13

ESC 1:60



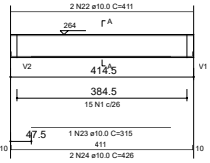
SEÇÃO A-A

ESC 1:40



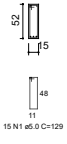
V14

ESC 1:60



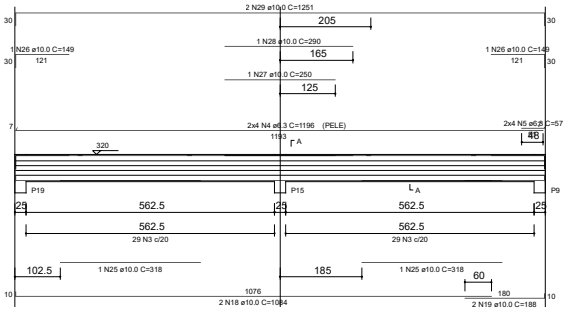
SEÇÃO A-A

ESC 1:40



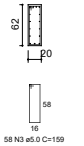
V15

ESC 1:60



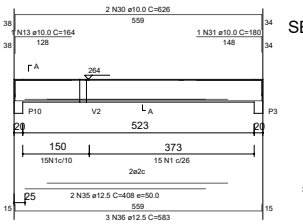
SEÇÃO A-A

ESC 1:40



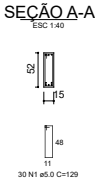
V16

ESC 1:60



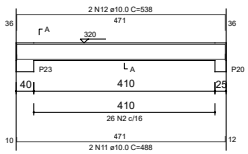
SEÇÃO A-A

ESC 1:40



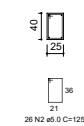
V17

ESC 1:60



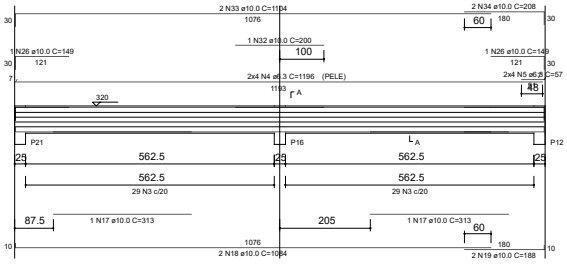
SEÇÃO A-A

ESC 1:40



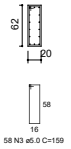
V19

ESC 1:60



SEÇÃO A-A

ESC 1:40



Notas e Revisões

N.º	Descrição	Data

Cliente / Proprietário:

Douglas Fontana
PREFEITO MUNICIPAL
ESPUMOSO-RS

Município de Espumoso - RS

Responsável pelo projeto:

Gerson L. Cecchele
Engenheiro Civil
CREA/RS 054411

Engenheiro Civil Gerson L. Cecchele
CREA / RS 054411

Projeto Tipo:

ESTRUTURAL

Descrição:
CASA VELATÓRIA - 2ª Etapa
Vigas de Forro

Folha: 7

Desenho: Gerson

Escala: 1/50

Data: Abril / 2021