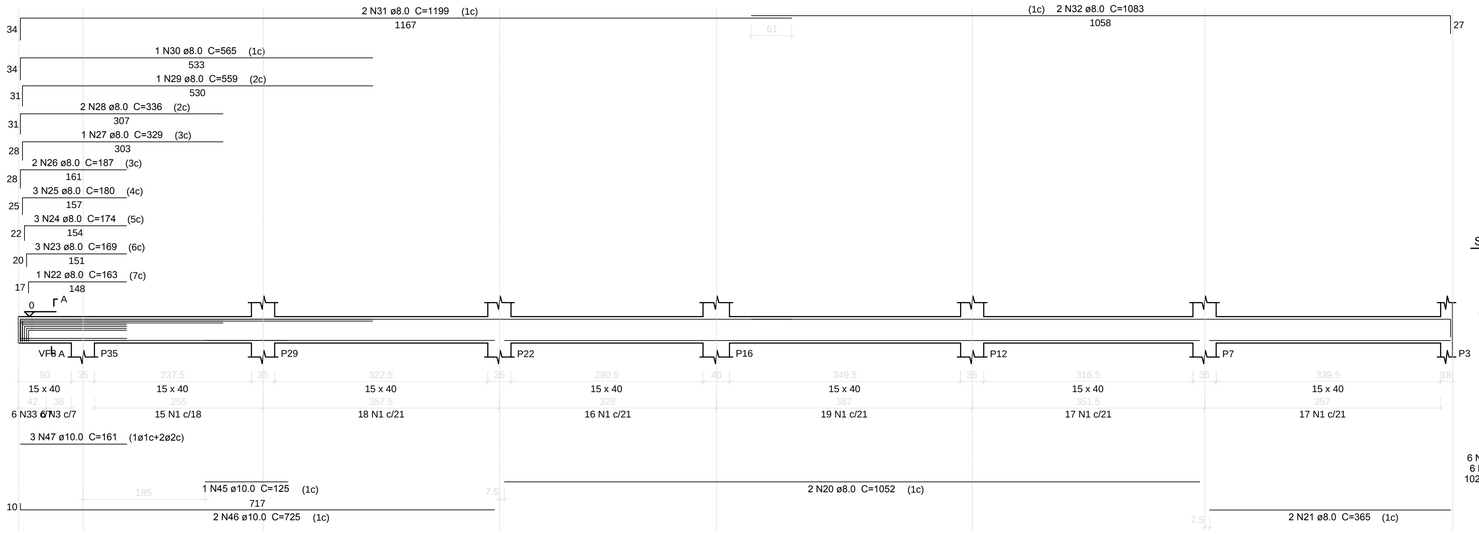
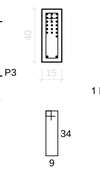
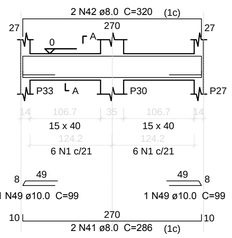
VF10
ESC 1:50



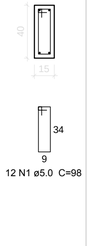
SEÇÃO A-A
ESC 1:25



VF12
ESC 1:50



SEÇÃO A-A
ESC 1:25

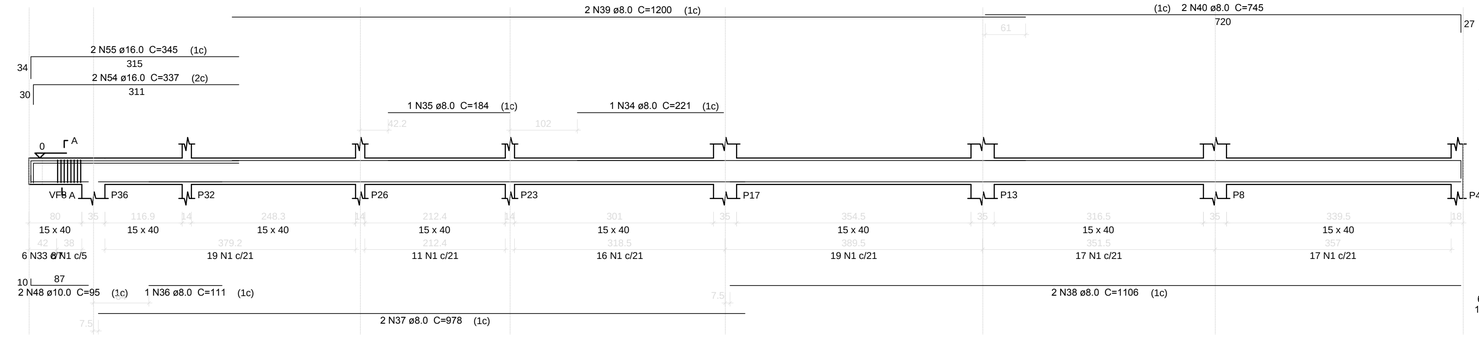


Relação do aço

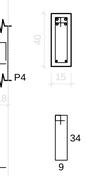
VF10
VF13
VF11
VF12

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	221	98	21658
	2	5.0	110	108	11880
CA50	3	6.3	6	98	588
	4	6.3	4	96	384
	5	6.3	2	209	418
	6	6.3	1	153	153
	7	6.3	1	300	300
	8	6.3	2	224	448
	9	6.3	2	1058	2116
	10	6.3	2	204	408
	11	6.3	2	225	450
	12	6.3	2	716	1432
	13	6.3	1	529	529
	14	6.3	1	560	560
	15	6.3	1	138	138
	16	6.3	3	1200	3600
	17	6.3	1	446	446
	18	6.3	2	541	1082
	19	6.3	6	108	648
	20	8.0	2	1052	2104
	21	8.0	2	365	730
	22	8.0	1	163	163
	23	8.0	3	169	507
	24	8.0	3	174	522
	25	8.0	3	180	540
	26	8.0	2	187	374
	27	8.0	1	329	329
	28	8.0	2	336	672
	29	8.0	1	559	559
	30	8.0	1	565	565
	31	8.0	2	1199	2398
	32	8.0	2	1083	2166
	33	8.0	12	98	1176
	34	8.0	1	221	221
	35	8.0	1	184	184
	36	8.0	1	111	111
	37	8.0	2	978	1956
	38	8.0	2	1106	2212
	39	8.0	2	1200	2400
	40	8.0	2	745	1490
	41	8.0	2	286	572
	42	8.0	2	320	640
	43	8.0	1	144	144
	44	8.0	2	295	590
	45	10.0	1	125	125
	46	10.0	2	725	1450
	47	10.0	3	161	483
	48	10.0	2	95	190
	49	10.0	2	99	198
	50	10.0	1	308	308
	51	10.0	4	314	1256
	52	10.0	1	321	321
	53	10.0	3	534	1602
	54	16.0	2	337	674
	55	16.0	2	345	690

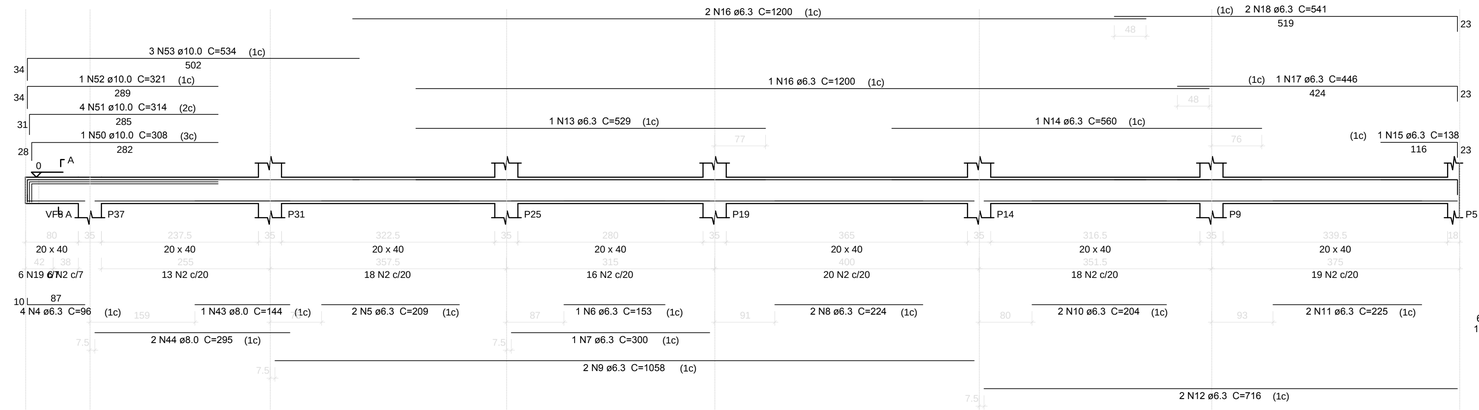
VF11
ESC 1:50



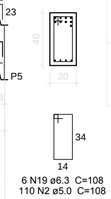
SEÇÃO A-A
ESC 1:25



VF13
ESC 1:50



SEÇÃO A-A
ESC 1:25



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	137	36.9
	8.0	233.3	101.2
	10.0	59.4	40.2
	16.0	13.7	23.7
CA60	5.0	335.4	56.9

PESO TOTAL (kg)	
CA50	202
CA60	56.9

Volume de concreto (C-25) = 4.5 m³
Área de forma = 65.53 m²

SECRETARIA DE
PLANEJAMENTO E GESTÃO

prefeitura de Pelotas
vamos compartilhar a cidade

ESCOLA PIRATININO DE ALMEIDA

END: AV. DOMINGOS DE ALMEIDA, N. 4057 - AREAL

DET. VIGAS DE FUNDAÇÃO - BLOCO B

Prancha 06/19

EQUIPE TÉCNICA DA UGP

ARQ. ELISE LOPES DUTRA CAU A46844-4
ENG. PATRICIA WALTZER DA SILVA - CREA 139996

Escala INDICADA

Data JUNHO / 2017

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E-mail: seplag@pelotas.rs.gov.br