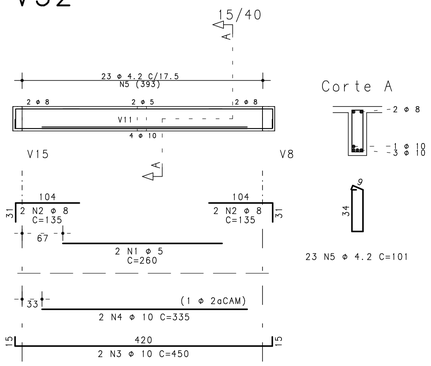
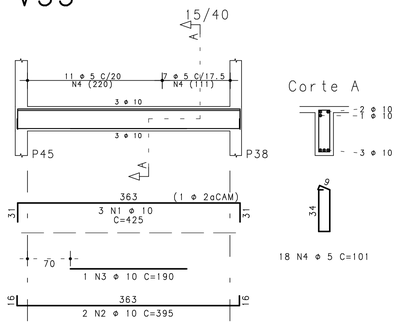
V32



Corte A

23 N5 ⌀ 4.2 C=101

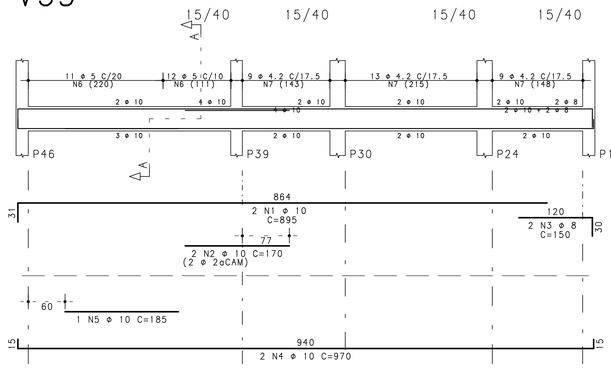
V33



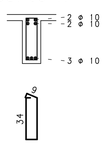
Corte A

18 N4 ⌀ 5 C=101

V35

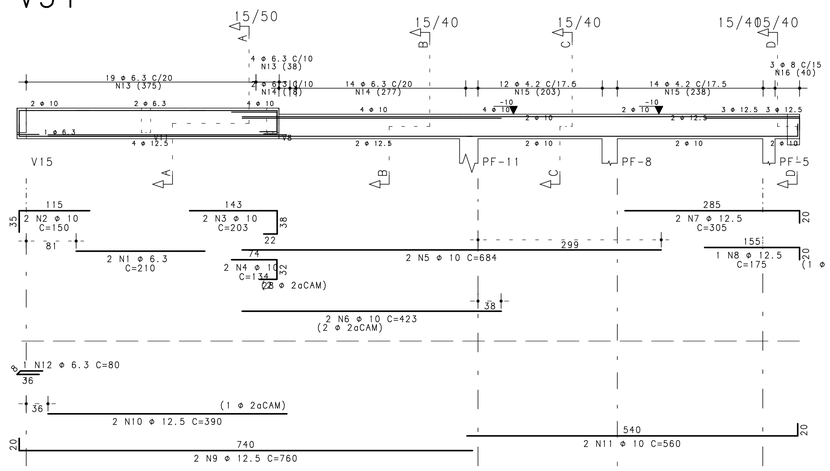


Corte A

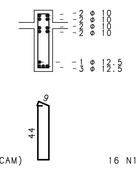


23 N6 ⌀ 5 C=101
31 N7 ⌀ 4.2 C=101

V34

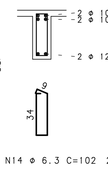


Corte A

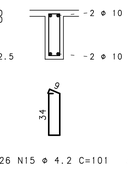


23 N13 ⌀ 6.3 C=122

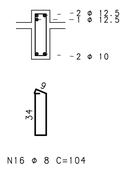
Corte B



Corte C

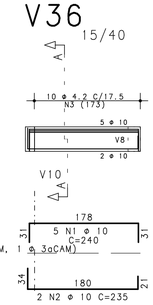


Corte D



16 N14 ⌀ 6.3 C=102 26 N15 ⌀ 4.2 C=101 3 N16 ⌀ 8 C=104

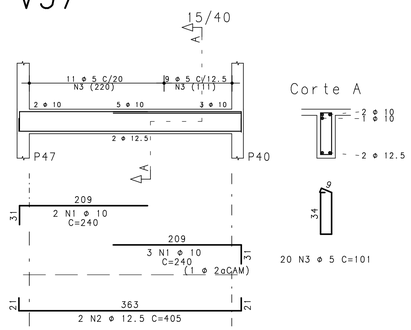
V36



Corte A

10 N3 ⌀ 4.2 C=101

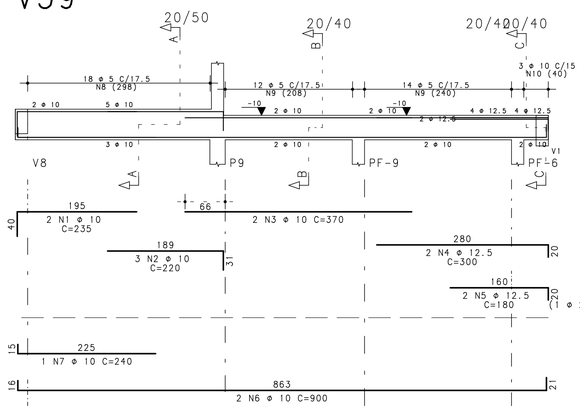
V37



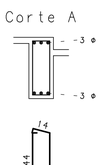
Corte A

20 N3 ⌀ 5 C=101

V39

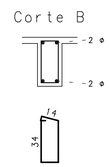


Corte A



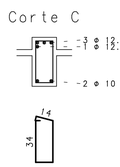
18 N8 ⌀ 5 C=131

Corte B



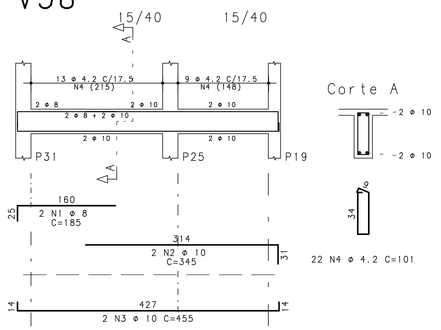
26 N9 ⌀ 5 C=111

Corte C



3 N10 ⌀ 10 C=119

V38



Corte A

22 N4 ⌀ 4.2 C=101

	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V32						
	60B	1	5	2	260	520
	50A	2	8	4	135	540
	50A	3	10	2	450	900
	50A	4	10	2	335	670
	60B	5	4.2	23	101	2323
V33						
	50A	1	10	3	425	1275
	50A	2	10	2	395	790
	50A	3	10	1	190	190
	60B	4	5	18	101	1818
V34						
	50A	1	6.3	2	210	420
	50A	2	10	2	150	300
	50A	3	10	2	203	406
	50A	4	10	2	134	268
	50A	5	10	2	684	1368
	50A	6	10	2	423	846
	50A	7	12.5	2	305	610
	50A	8	12.5	1	175	175
	50A	9	12.5	2	760	1520
	50A	10	12.5	2	390	780
	50A	11	10	2	560	1120
	50A	12	6.3	1	80	80
	50A	13	6.3	23	122	2806
	50A	14	6.3	16	102	1632
	60B	15	4.2	26	101	2626
	50A	16	8	3	104	312
V35						
	50A	1	10	2	895	1790
	50A	2	10	2	170	340
	50A	3	8	2	150	300
	50A	4	10	2	970	1940
	50A	5	10	1	185	185
	60B	6	5	23	101	2323
	60B	7	4.2	31	101	3131
V36						
	50A	1	10	5	240	1200
	50A	2	10	2	235	470
	60B	3	4.2	10	101	1010
V37						
	50A	1	10	5	240	1200
	50A	2	12.5	2	405	810
	60B	3	5	20	101	2020
V38						
	50A	1	8	2	185	370
	50A	2	10	2	345	690
	50A	3	10	2	455	910
	60B	4	4.2	22	101	2222
V39						
	50A	1	10	2	235	470
	50A	2	10	3	220	660
	50A	3	10	2	370	740
	50A	4	12.5	2	300	600
	50A	5	12.5	2	180	360
	50A	6	10	2	900	1800
	50A	7	10	1	240	240
	60B	8	5	18	131	2358
	60B	9	5	26	111	2886
	50A	10	10	3	119	357

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	113	12
60B	5	119	18
50A	6.3	49	12
50A	8	15	6
50A	10	211	130
50A	12.5	49	47
Peso Total	60B =		31 kg
Peso Total	50A =		195 kg

Gigante & Simch
engenharia civil
estruturas e sondagens
Rua Quinze de Novembro, 563/405
Pelotas - RS - CEP 96015-000
Telefone: (53)3225 1500
e-mail: fernandogigante@terra.com.br
e-mail: paulosimch@yahoo.com.br

Fernando Petrucci Gigante
Eng. Civil - CREA-RS 45232

Paulo Rogério Maffini Simch
Eng. Civil - CREA-RS 78208

Rev	Data	Autor	Assunto
2			
1			
0			

CONCRETO — SOBRECARGA PREVISTA
fck = 200 kgf/cm2

OBRA Nº 0001

CLIENTE: SECRETARIA DA SAÚDE-PELOTAS

OBRA: UBS TIPO 2-CORRIENTES

TITULO: NÍVEL 50
ARMADURAS DAS VIGAS

V32 / V33 / V34 / V35
V36 / V37 / V38 / V39

DES. Nº 018

REV. Nº 00

DATA	ESCALA	DESENHO	COORD.	ENG º
23/08/2016	1:50	UBS-50_-VIG-018-R00		

GIGANTE & SIMCH ENG.E COMERCIO LTDA PL UBS-50_-VIG-018-R00.PLT 31/08/2016 00:06:23