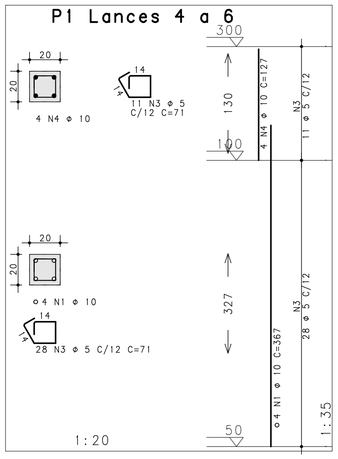
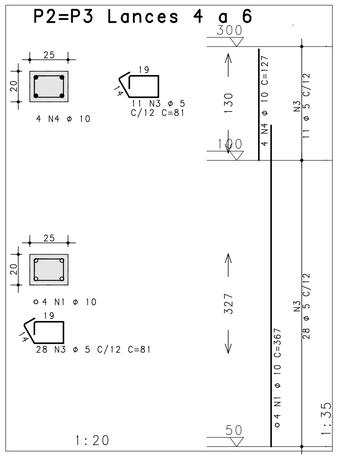
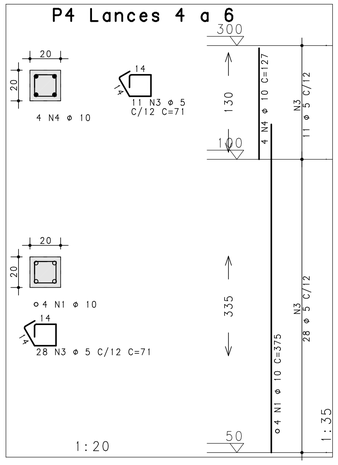
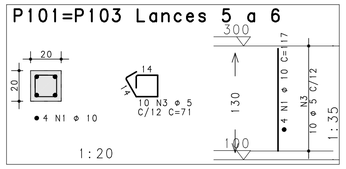
AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1 Lances 4 a 6					
50A	1	10	4	367	1468
60B	3	5	39	71	2769
50A	4	10	4	127	508
P2=P3 Lances 4 a 6 (X2)					
50A	1	10	8	367	2936
60B	3	5	78	81	6318
50A	4	10	8	127	1016
P4 Lances 4 a 6					
50A	1	10	4	375	1500
60B	3	5	39	71	2769
50A	4	10	4	127	508
P101=P103 Lances 5 a 6 (X2)					
50A	1	10	8	117	936
60B	3	5	20	71	1420
P102 Lances 5 a 7					
50A	1	10	4	145	580
60B	3	5	16	71	1136
50A	4	10	4	80	320

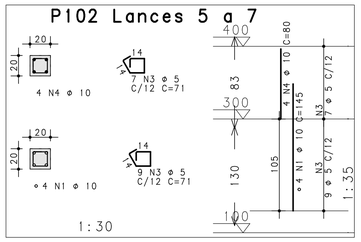
RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	144	22
50A	10	98	60
Peso Total		60B =	22 kg
Peso Total		50A =	60 kg











P1 Lances 4 a 6
P2=P3 Lances 4 a 6
P4 Lances 4 a 6
P101=P103 Lances 5 a 6
P102 Lances 5 a 7

Gigante & Simch
engenharia civil
estacas e sondagens
Rua Quinze de Novembro, 563/405
Pelotas - RS - CEP 96015-000
Telefone: (53)32291500
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
fck =250 kgf/cm2

SOBRECARGA PREVISTA

OBRA Nº 0001

CLIENTE SECRETARIA DA SAÚDE-PELOTAS

OBRA UBS TIPO 2 - VILA NOVA

TITULO Pilares
Armadura de Pilares 3-3

DES. Nº 009

REV. Nº 00

DATA	ESCALA	DESENHO	COORD.	ENG ?
18/08/2015	Indicada	UBS-PIL-PIL-009-R00		

GIGANTE & SIMCH ENGENHARIA E COMERCIO LT PL UBS-PIL-PIL-009-R00.PLT 18/08/2015 15:42:59