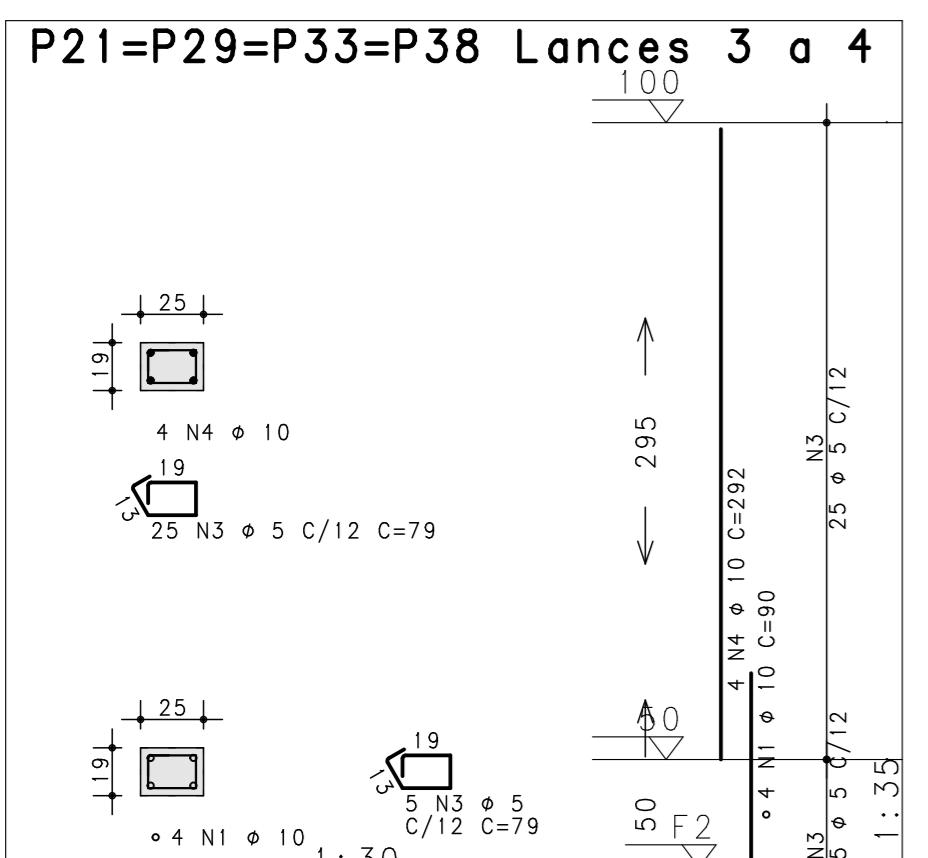
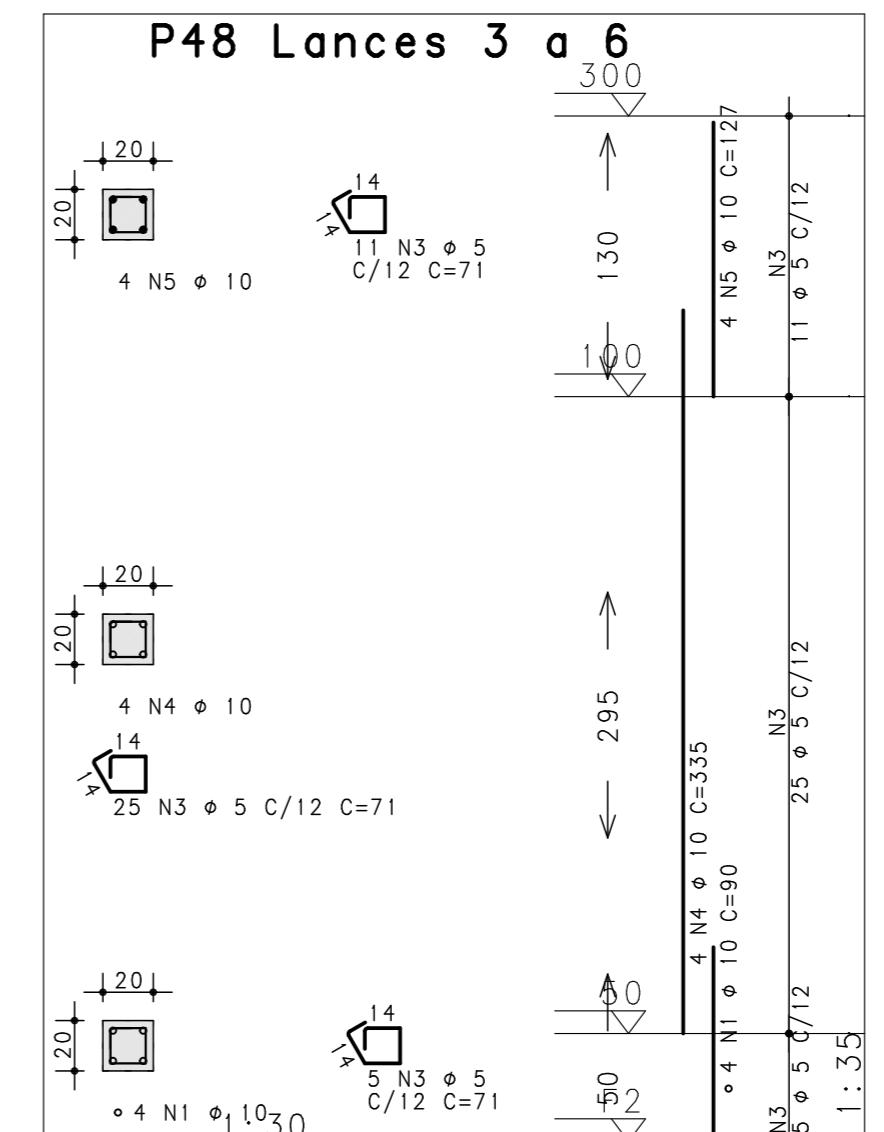
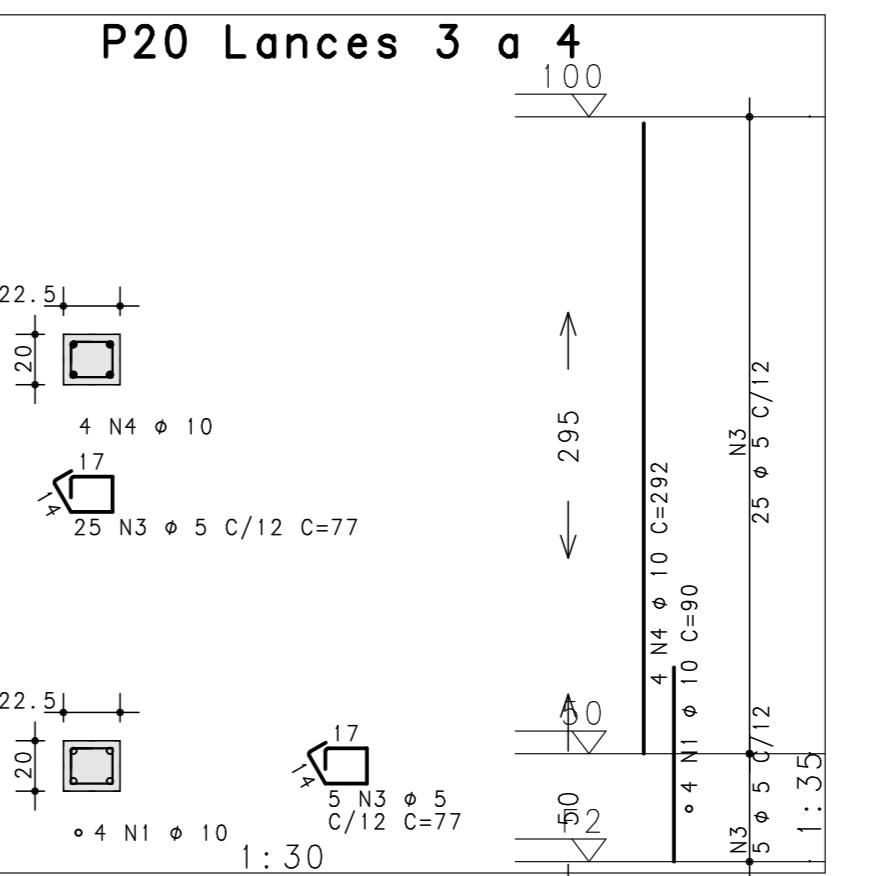
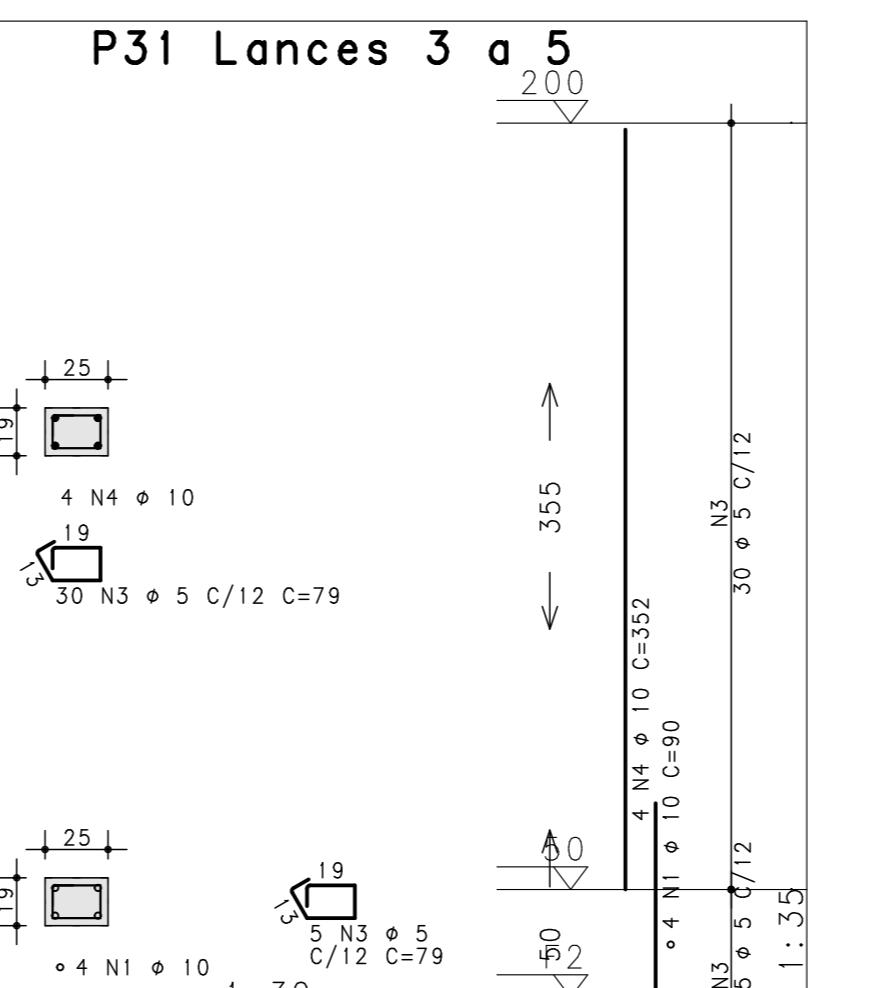
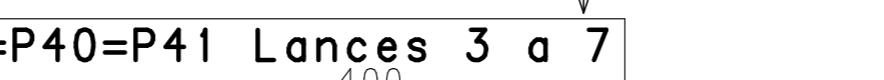
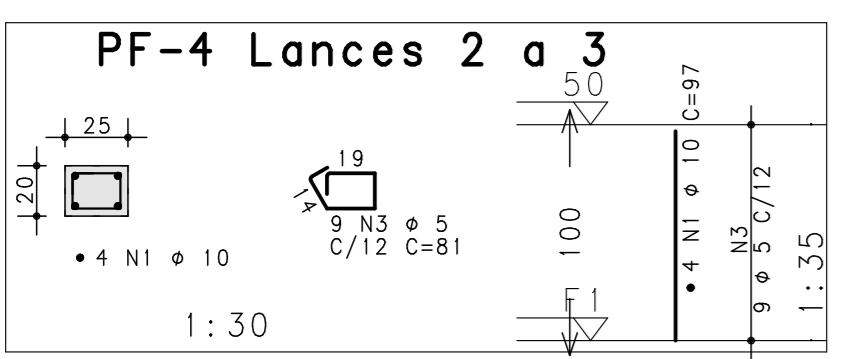


AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO (cm)	UNIT	TOTAL (cm)
P8 Lances 2 a 6	50A	1	10	4	141	564
	60B	3	5	9	81	729
	50A	4	10	4	335	1340
	60B	5	5	36	71	2556
	50A	6	10	4	127	508
P15 Lances 2 a 7	50A	1	10	4	140	560
	60B	3	5	52	71	3692
	50A	4	10	4	370	1340
	50A	5	10	4	155	620
	50A	6	10	4	170	680
	50A	7	10	4	80	320
P16 Lances 2 a 7	50A	1	12,5	4	150	600
	60B	3	5	43	77	3311
	50A	4	12,5	4	370	1480
	50A	5	12,5	4	155	620
	50A	6	12,5	7	78	546
	50A	7	10	8	80	320
P37=P28 Lances 2 a 7 (X2)	50A	1	10	8	140	1120
	60B	3	5	104	79	8216
	50A	4	10	8	360	2880
	50A	5	10	8	185	1480
P44 Lances 2 a 6	50A	1	10	4	140	560
	60B	3	5	45	71	3195
	50A	4	10	4	335	1340
	50A	5	10	4	127	508
PF-4 Lances 2 a 3	50A	1	10	4	97	388
	60B	3	5	9	81	729
P9=P10=P17=P18=P19=P22=P34=P45=P46=P47 Lances 3 a 6 (X10)	50A	1	10	40	90	3600
	60B	3	5	41	71	2910
	50A	4	10	40	335	13400
	50A	5	10	40	127	5080
P11=P49 Lances 3 a 6 (X2)	50A	1	12,5	8	100	800
	60B	3	6,3	8	72	576
	50A	4	10	8	335	2680
	60B	5	5	72	71	5112
	50A	6	10	8	127	1016
P20 Lances 3 a 4	50A	1	10	4	90	360
	60B	3	5	30	77	2310
	50A	4	10	4	292	1168
P21=P29=P33=P38 Lances 3 a 4 (X4)	50A	1	10	16	90	360
	60B	3	5	120	79	9480
	50A	4	10	16	292	4672
P24=P25=P26=P30=P32=P39=P40=P41 Lances 3 a 7 (X8)	50A	1	10	32	90	2880
	60B	3	5	384	79	30336
	50A	4	10	32	335	10720
	50A	5	10	32	100	3200
	50A	6	10	32	150	4800
P31 Lances 3 a 5	50A	1	10	4	90	360
	60B	3	5	35	79	2765
	50A	4	10	4	352	1408
P48 Lances 3 a 6	50A	1	10	4	90	360
	60B	3	5	41	71	2811
	50A	4	10	4	335	1340
	50A	5	10	4	127	508

RESUMO AÇO CA 50-60	PESO (kg)	
AÇO	BIT (mm)	COMPR (m)
60B	5	1045
60B	6,3	11
50A	10	729
50A	12,5	450
50A	15	34
<b>Peso Total</b>	<b>60B =</b>	<b>161 kg</b>
<b>Peso Total</b>	<b>50A =</b>	<b>486 kg</b>



**P8 Lances 2 a 6**  
**P9=P10=P17=P18=P19=P22=P34=P45=P46=P47 Lances 3 a 6**  
**P15 Lances 2 a 7**  
**P16 Lances 2 a 7**  
**P20 Lances 3 a 4**  
**P24=P25=P33=P38 Lances 3 a 4**  
**P24=P25=P26=P30=P32=P39=P40=P41 Lances 3 a 7**  
**P31 Lances 3 a 5**  
**P37=P28 Lances 2 a 7**  
**P44 Lances 2 a 6**  
**P48 Lances 3 a 6**  
**PF-4 Lances 2 a 3**

Gigante & Simch engenharia civil estudos e sondagens	Fernando Petrucci Gigante Eng. Civil - CREA-RS 45232	Paulo Rogério Maffini Simch Eng. Civil - CREA-RS 78208
Rua Quirino de Novais, 889/405 Pelotas - RS - CEP 96010-000 Telefone: (51) 32291900 e-mail: paulo@simch.com.br		
2	Data	Autor
0		
Rev		Assunto
CONCRETO fck = 250 kgf/cm2		
SOBRECARGA PREVISTA		
OBRA N° 0001		
DES. N° 008		
TITULO SECRETARIA DA SAÚDE-PELOTAS		
UBS TIPO 2 - VILA NOVA		
Pilares Armadura de Pilares 2-3		
DATA 18/08/2015 ESCALA 1:30 DESENHO UBS-PIL-PIL-008-R00 COORD. ENG 2		