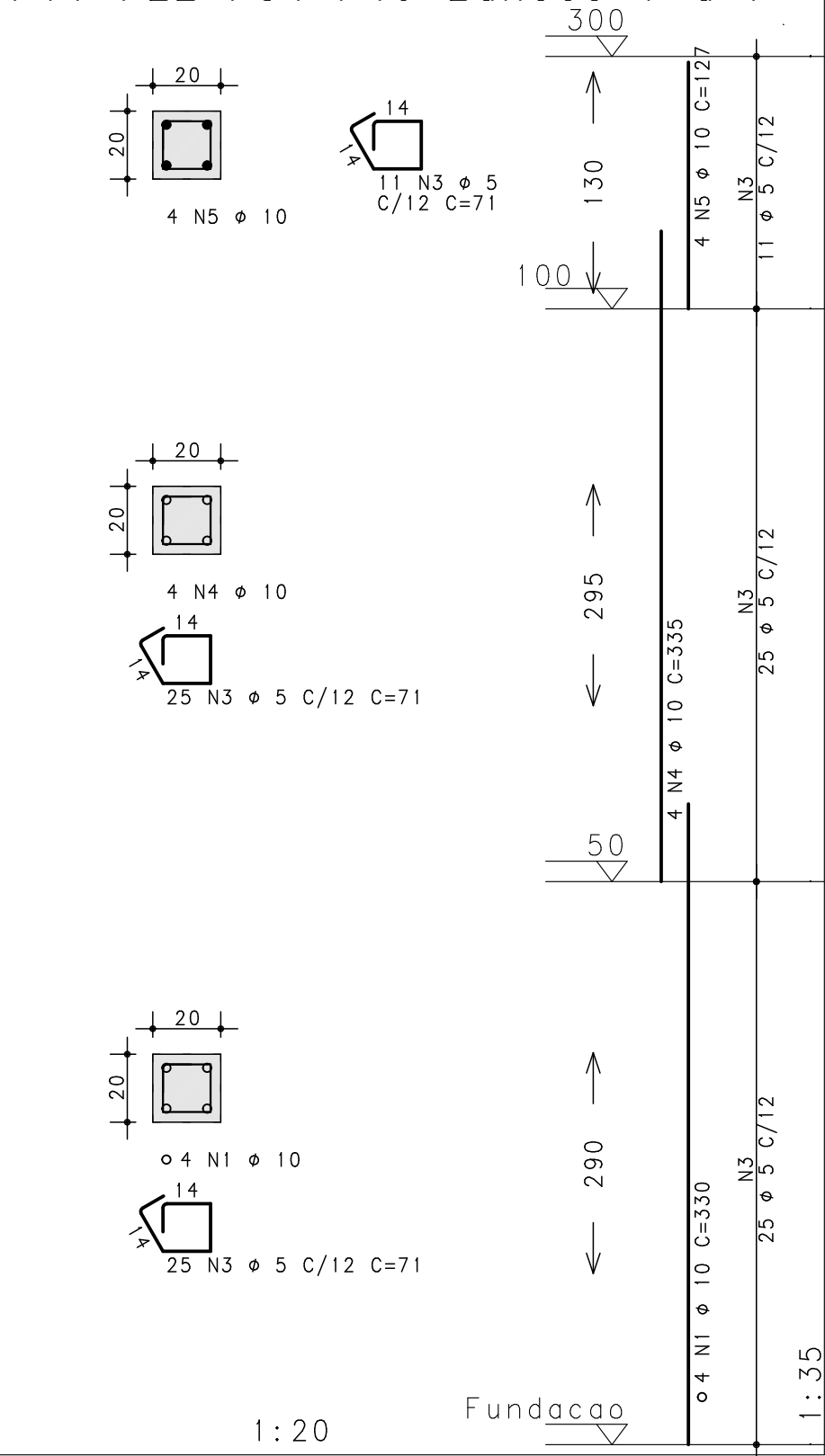
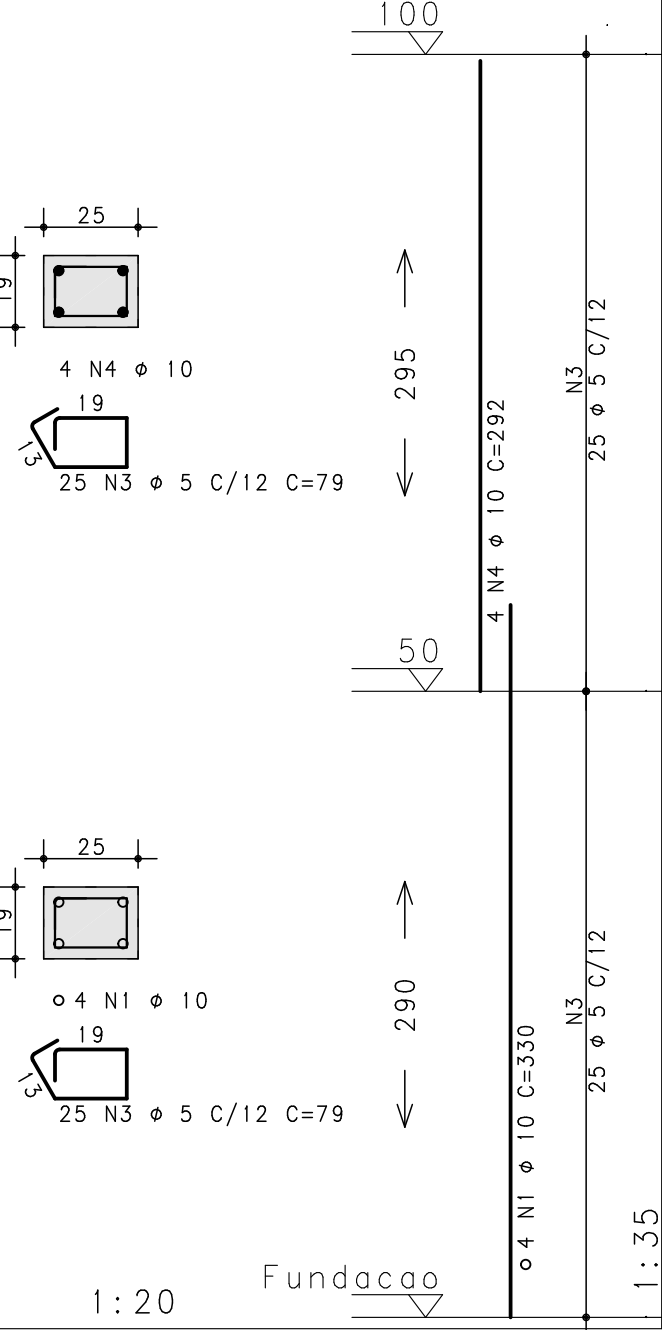


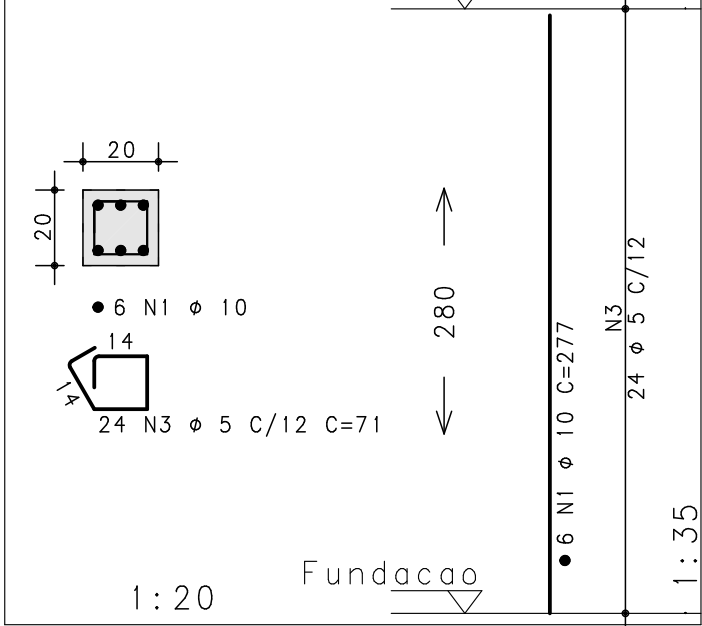
P11=P22=P34=P49 Lances 1 a 7



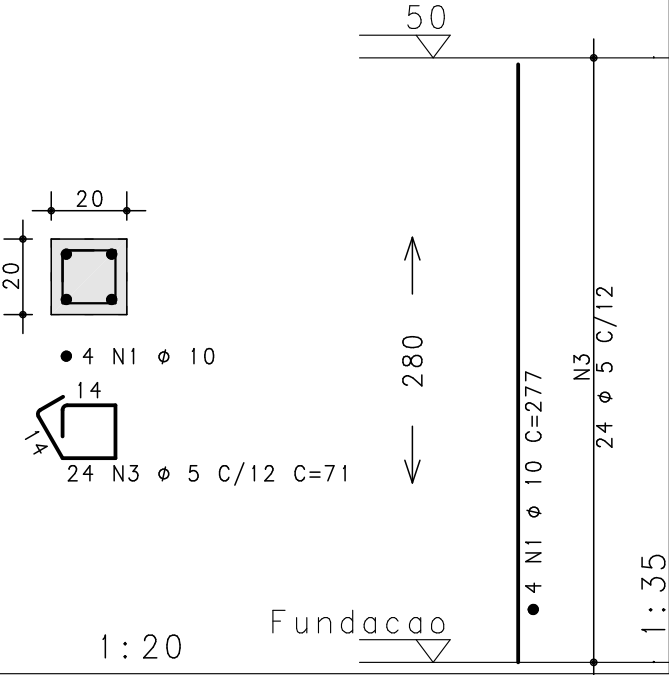
P21=P33 Lances 1 a 5



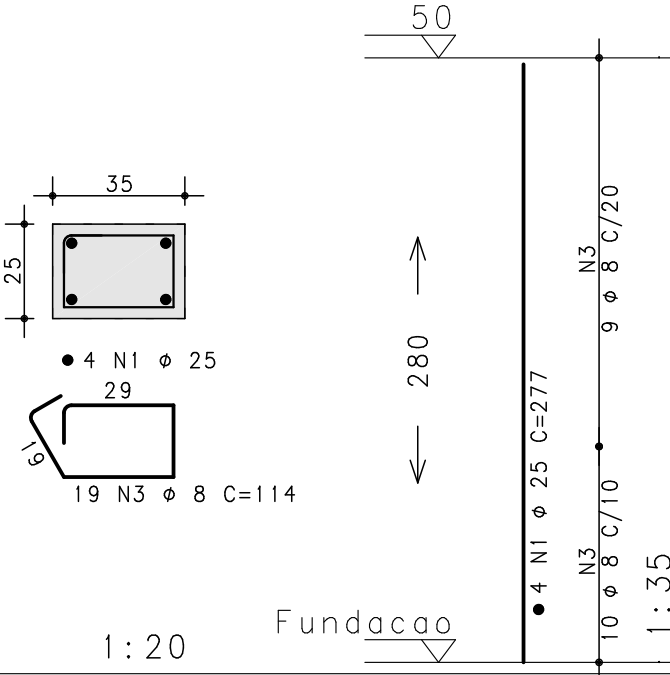
P50=P51=P52=P53=P54=P55 Lances 1 a 4



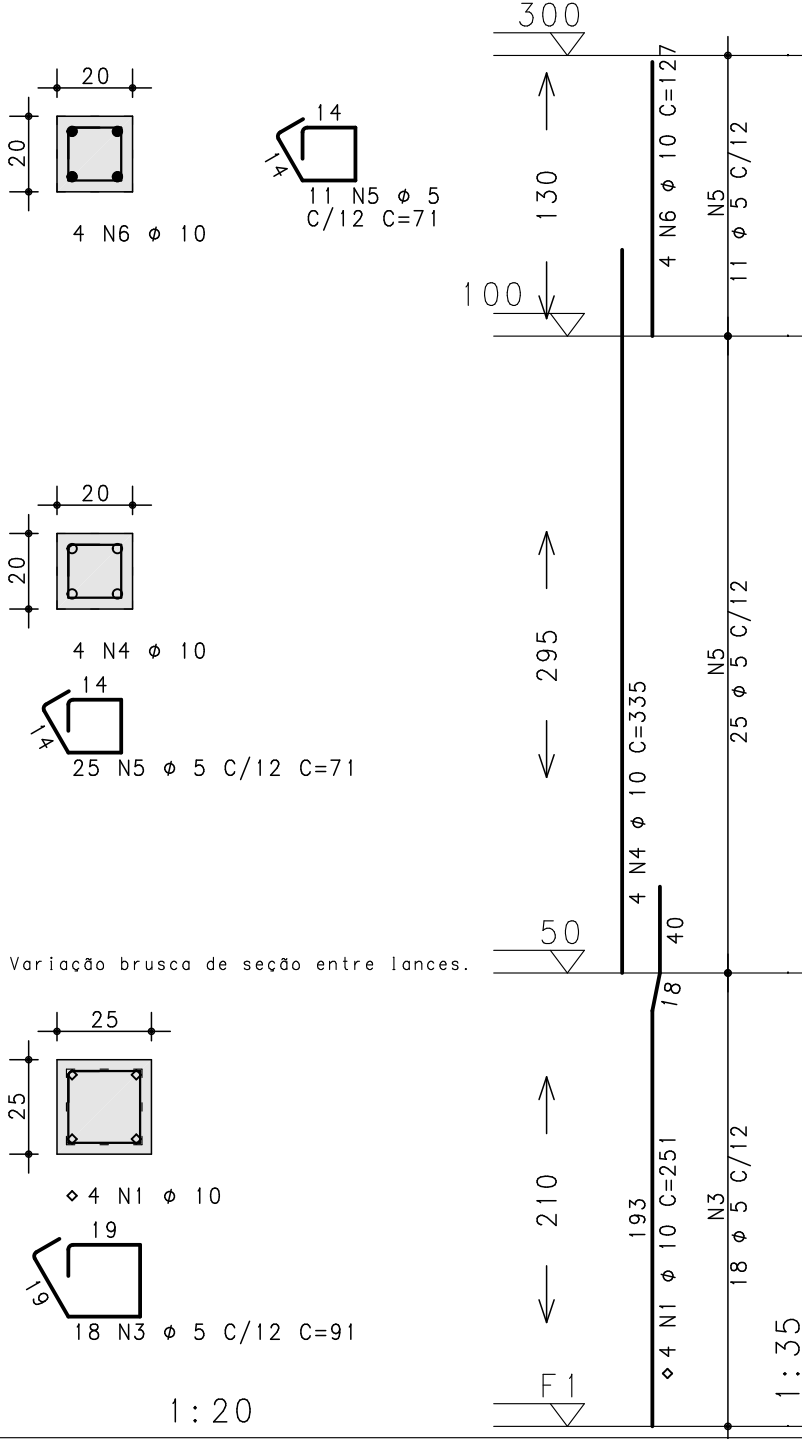
PF-7 Lances 1 a 4



PF-10 Lances 1 a 4



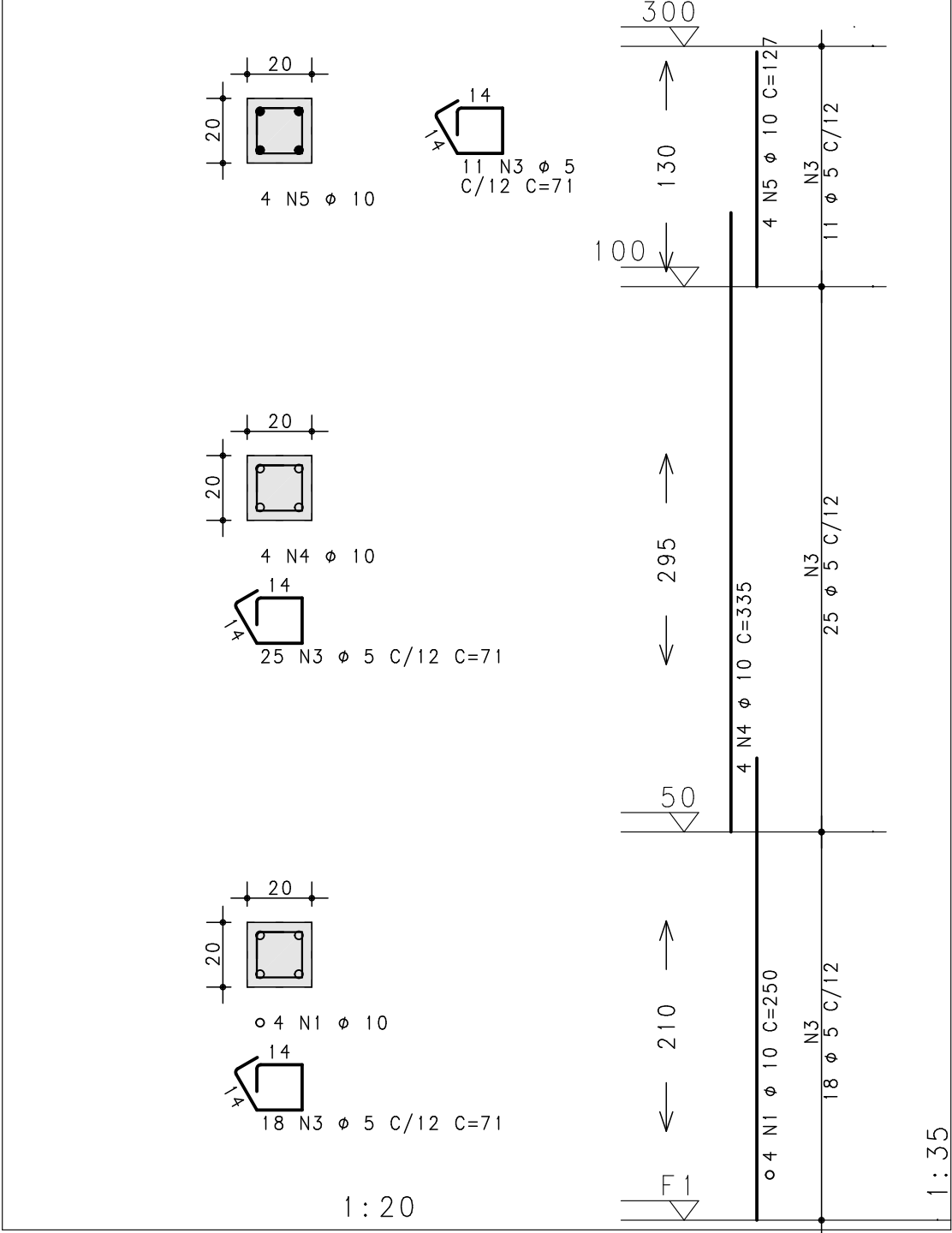
P9 Lances 2 a 7



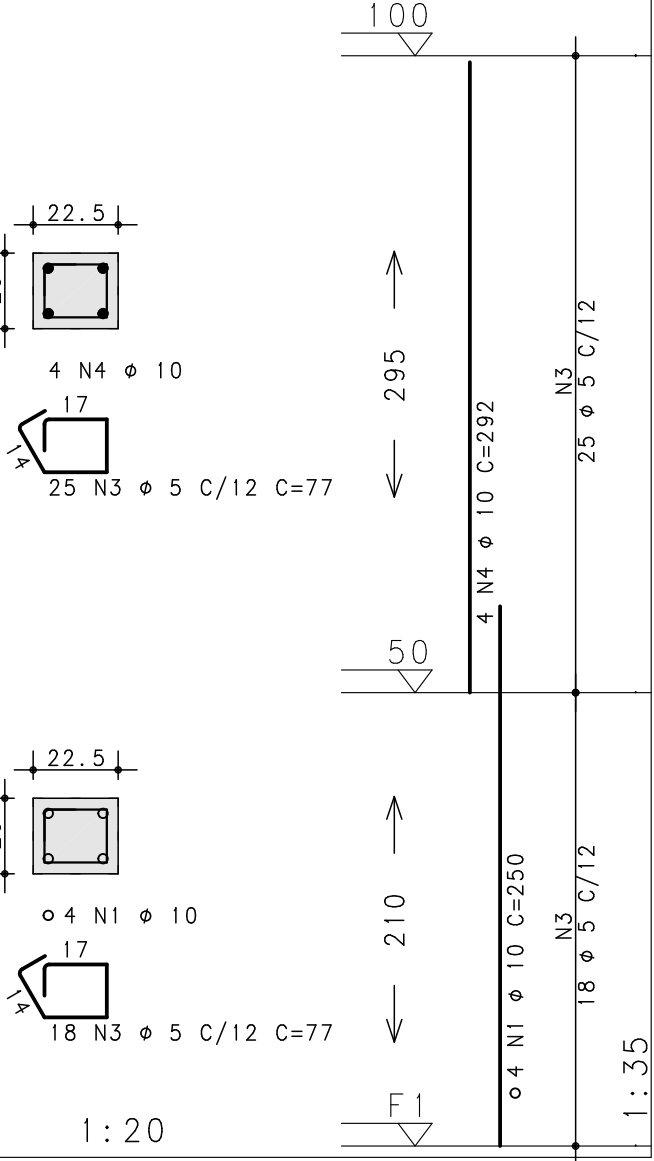
ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	TOTAL (cm)
P11=P22=P34=P49 Lances 1 a 7 (X4)					
50A	1	10	16	330	5280
60B	3	5	244	71	17324
50A	4	10	16	335	5360
50A	5	10	16	127	2032
P21=P33 Lances 1 a 5 (X2)					
50A	1	10	8	330	2640
60B	3	5	100	79	7900
50A	4	10	8	292	2336
Lances 1 a 4 (X6)					
50A	1	10	36	277	9972
60B	3	5	144	71	10224
PF-7 Lances 1 a 4					
50A	1	10	4	277	1108
60B	3	5	24	71	1704
PF-10 Lances 1 a 4					
50A	1	25	4	277	1108
50A	3	8	19	114	2166
P9 Lances 2 a 7					
50A	1	10	4	251	1004
60B	3	5	18	91	1638
50A	4	10	4	335	1340
50A	5	5	36	71	2556
50A	6	10	4	127	508
P10=P18=P19=P46=P47=P48 Lances 2 a 7 (X6)					
50A	1	10	24	250	6000
60B	3	5	324	71	23004
50A	4	10	24	335	8040
50A	5	10	24	127	3048
P20 Lances 2 a 5					
50A	1	10	4	250	1000
60B	3	5	43	77	3311
50A	4	10	4	292	1168
P24=P25=P26=P30=P32=P39=P40=P41 Lances 2 a 8 (X8)					
50A	1	10	32	250	8000
60B	3	5	488	79	38552
50A	4	10	32	335	10720
50A	5	10	32	100	3200
50A	6	10	32	150	4800
P31 Lances 2 a 6					
50A	1	10	4	250	1000
60B	3	5	48	79	3792
50A	4	10	4	352	1408

RESUMO AÇO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	1100	169
50A	8	22	9
50A	10	800	493
50A	25	11	43
Peso Total		60B =	169 kg
Peso Total		50A =	545 kg

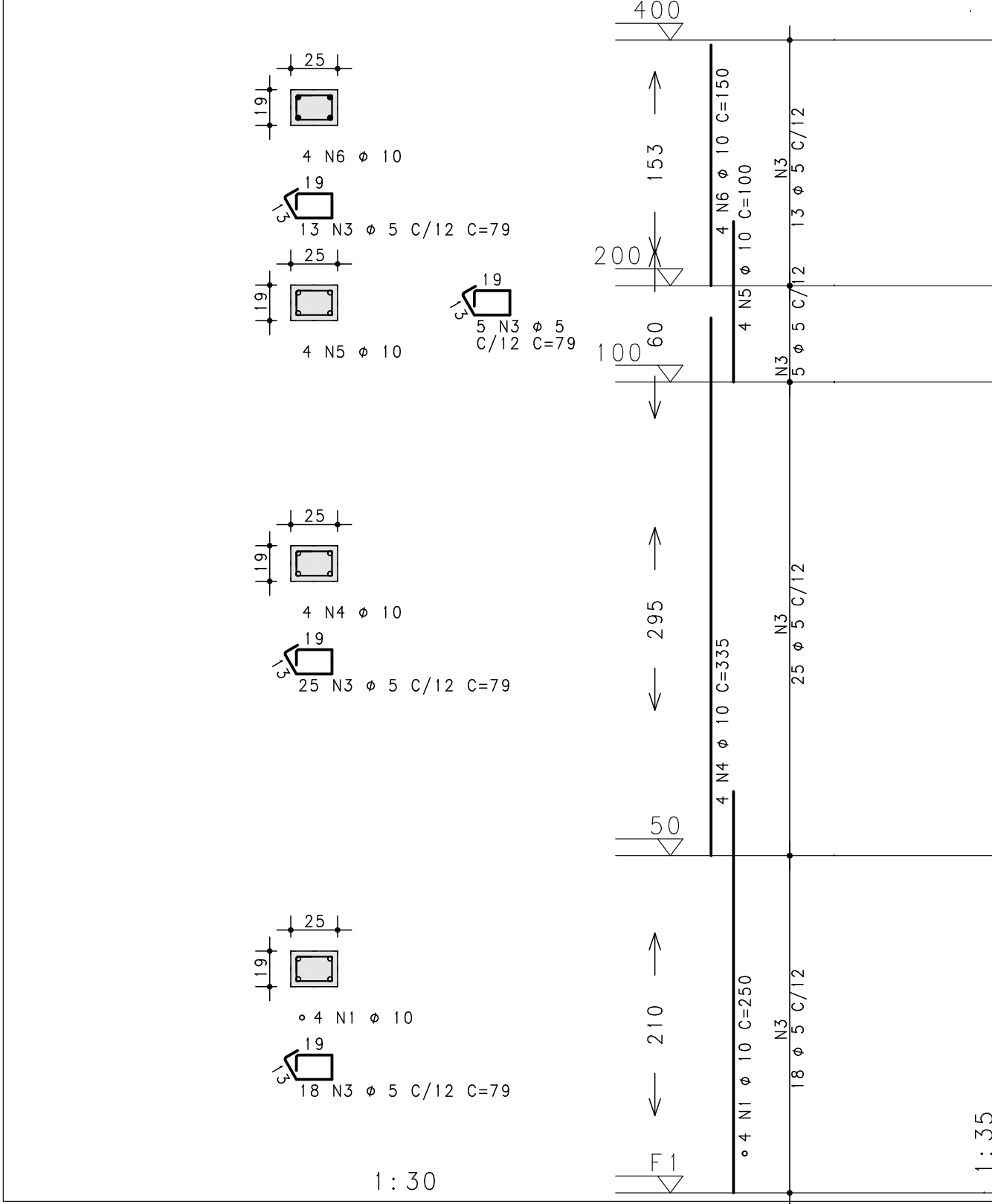
P10=P18=P19=P46=P47=P48 Lances 2 a 7



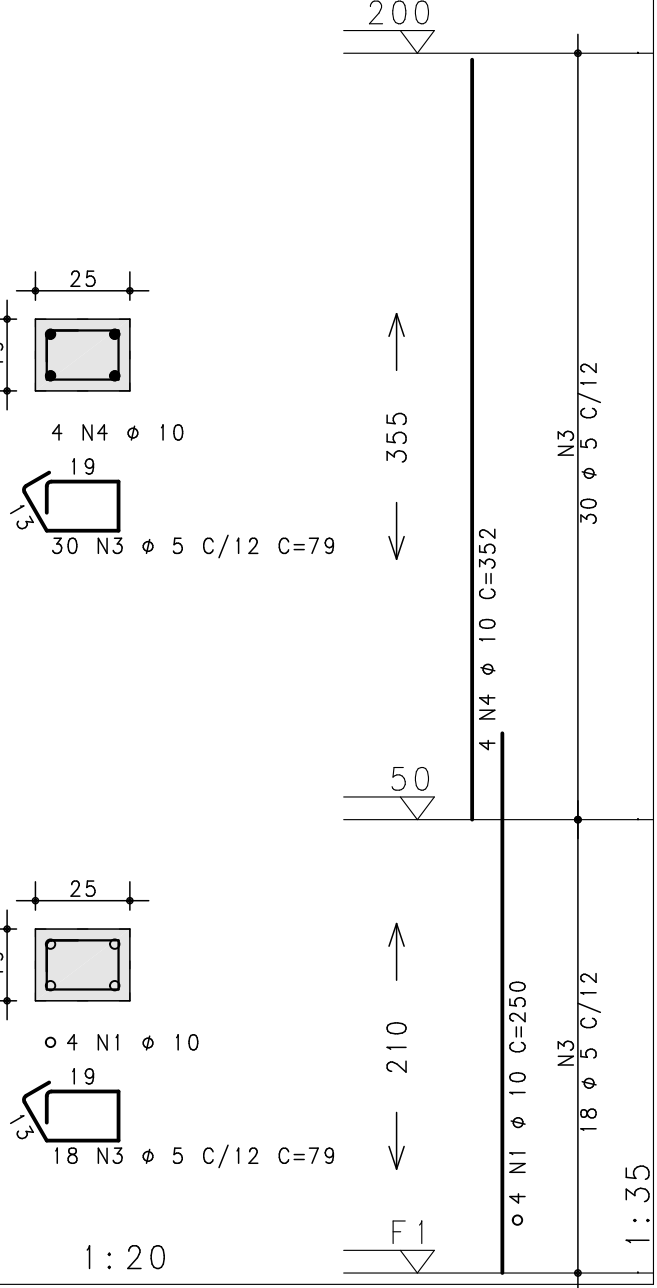
P20 Lances 2 a 5



P24=P25=P26=P30=P32=P39=P40=P41 Lances 2 a 8



P31 Lances 2 a 6



P9 Lances 2 a 7  
P10=P18=P19=P46=P47=P48 Lances 2 a 7  
P11=P22=P34=P49 Lances 1 a 7  
P20 Lances 2 a 5  
P21=P33 Lances 1 a 5  
P24=P25=P26=P30=P32=P39=P40=P41 Lances 2 a 8  
P31 Lances 2 a 6  
P50=P51=P52=P53=P54=P55  
PF-7 Lances 1 a 4  
PF-10 Lances 1 a 4



Rua Quinze de Novembro, 553/405  
Pelotas - RS - CEP 96215-600  
Telefone: (51) 3229-1500  
e-mail: fernando@simch.com.br  
e-mail: paulo@simch.com.br

Fernando Petrucci Gigante  
Eng. Civil - CREA-RS 45232

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

2		
1		
0	08/02/2016	Fernando
Rev	Data	Assunto

CONCRETO				SOBRECARGA PREVISTA		OBRA N.º	
fck = 200    kgf/cm2						0001	
CLIENTE				SECRETARIA DA SAÚDE-PELOTAS		DES. N.º	
OBRA				UBS TIPO 2-CORRIENTES		008	
TÍTULO				PILARES ARMADURAS DOS PILARES			
DATA		ESCALA	DESENHO		COORD.	ENG.º	
22/08/2016		Indicada	UBS-PIL-PIL-008-R00			00	