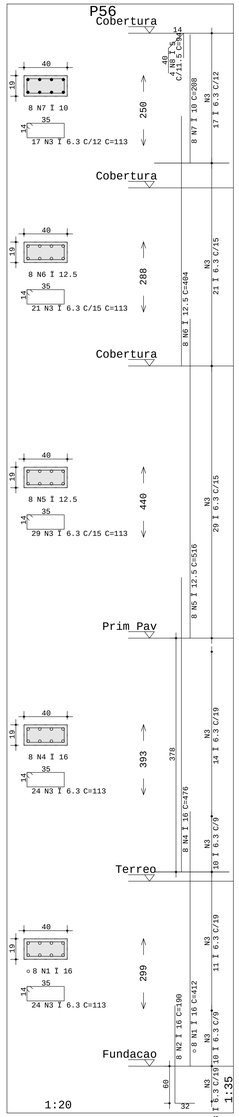

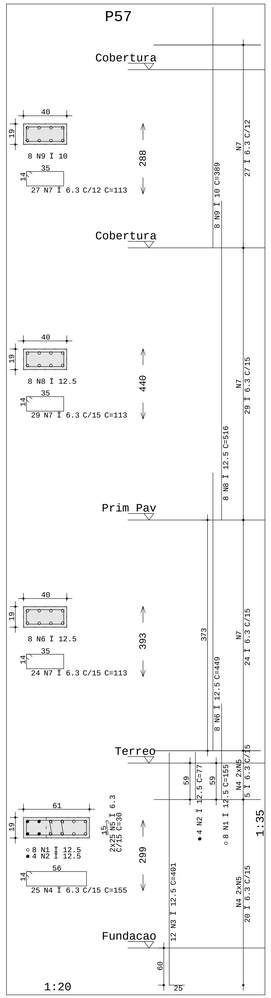

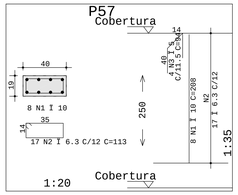

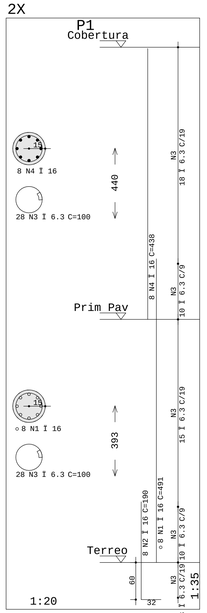

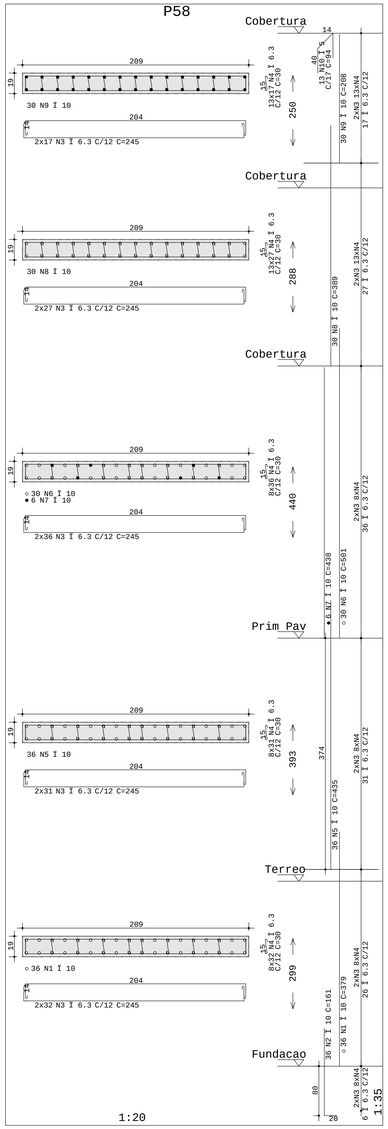

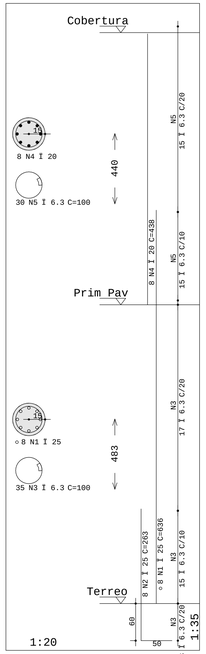

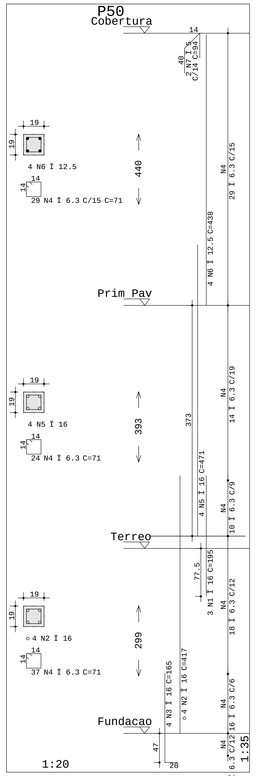

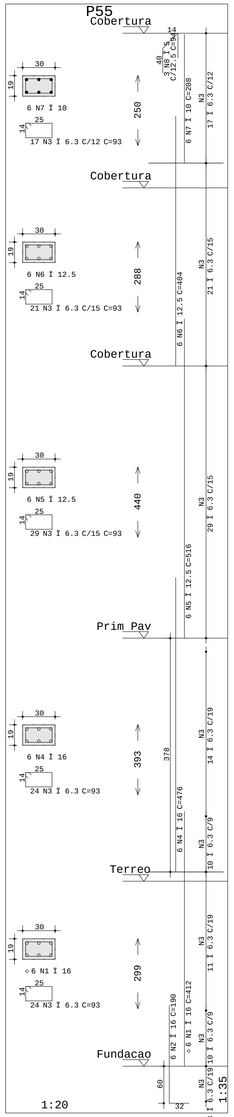

AÇO	POS	BIT (mm)	QUANT.	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P50					
50A	1	16	3	195	585
50A	2	16	4	417	1668
50A	3	16	4	165	660
50A	4	6.3	98	71	6390
50A	5	16	4	471	1884
50A	6	12.5	4	438	1752
60B	7	5	2	94	188
P55					
50A	1	16	6	412	2472
50A	2	16	6	190	1140
50A	3	6.3	115	93	10695
50A	4	16	6	476	2856
50A	5	12.5	6	516	3096
50A	6	12.5	6	404	2424
50A	7	10	6	208	1248
60B	8	5	3	94	282
P56					
50A	1	16	8	412	3296
50A	2	16	8	190	1520
50A	3	6.3	115	113	12995
50A	4	16	8	476	3808
50A	5	12.5	8	516	4128
50A	6	12.5	8	404	3232
50A	7	10	8	208	1664
60B	8	5	4	94	376
P57					
50A	1	12.5	8	155	1240
50A	2	12.5	4	77	308
50A	3	12.5	12	401	4812
50A	4	6.3	25	155	3875
50A	5	6.3	50	30	1500
50A	6	12.5	8	449	3592
50A	7	6.3	80	113	9040
50A	8	12.5	8	516	4128
50A	9	10	8	389	3112
P58					
50A	1	10	36	379	13644
50A	2	10	36	161	5796
50A	3	6.3	286	245	70070
50A	4	6.3	1364	30	40920
50A	5	10	36	435	15660
50A	6	10	36	501	15030
50A	7	10	6	438	2628
50A	8	10	30	389	11670
50A	9	10	30	208	6240
60B	10	5	13	94	1222
P1=P46 (X2)					
50A	1	16	16	491	7856
50A	2	16	16	190	3040
50A	3	6.3	112	100	11200
50A	4	16	16	438	7008
P6=P5=P7=P8=P9=P40=P41=P42=P43=P44 (X10)					
50A	1	25	80	636	50880
50A	2	25	80	263	21040
50A	3	6.3	350	100	35000
50A	4	20	80	438	35040
50A	5	6.3	300	100	30000
P57					
50A	1	10	8	208	1664
50A	2	6.3	17	113	1921
60B	3	5	4	94	376

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	24	4
50A	6.3	2336	584
50A	10	784	494
50A	12.5	287	287
50A	16	378	605
50A	20	350	876
50A	25	719	2877
Peso Total		60B =	4 kg
Peso Total		50A =	5722 kg

REV.	MODIFICACAO	DESENHO	DATA
04			/ /
03			/ /
02			/ /
01	Revis«o Geral - Substitui-«o Relat-rio de Sondagem		17/07/14
00	EMISSAO INICIAL		/ /

RAL ENGENHARIA

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e-mail: ral.eng@ig.com.br
Tel.: (11) 3694-6726
Nextel : (11) 7746-0117
ID : 11*89976

CONCRETO fck = 30 Mpa	fc 28 = - NBI 78 - 8.3.1.2 - a fc 28 = - NBI 78 - 8.3.1.2 - b fc 28 = - NBI 78 - 8.3.1.2 - c	SOBRECARGA PREVISTA 500 kgf/m2	OBRA N° 1199
CLIENTE: TRIBUNAL DE CONTAS DO ESTADO DE SëO PAULO			DES. N° 231
OBRA: Av Dr. Ariberto Pereira da Cunha, 1302 - Guaratinguets			
TITULO: Arma-«o de Pilares 2/2 P1 P6=P5=P7=P8=P9=P40=P41=P42=P43=P44 P50 / P55 / P56 / P57 / P58			REV. N° 01
DATA: 17/07/2014	ESCALA: 1:20	DESENHO	VERIF.	COORD.	RESP. TEC.: Roberto A.Lima

Formato A1-L

ROBERTO ANTONIO DE LIMA PC C:\TQS\Guaratinguets DR\14P1&R\25802.PLT 29/08/2014 22:45:37