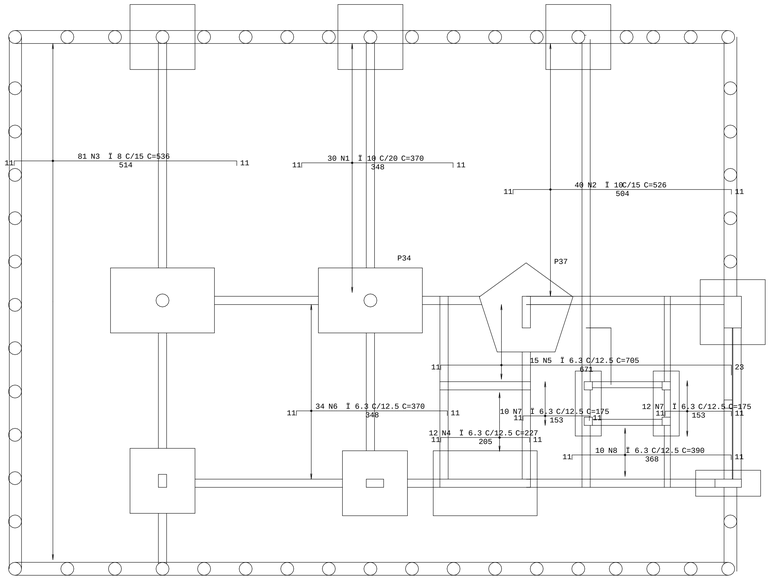
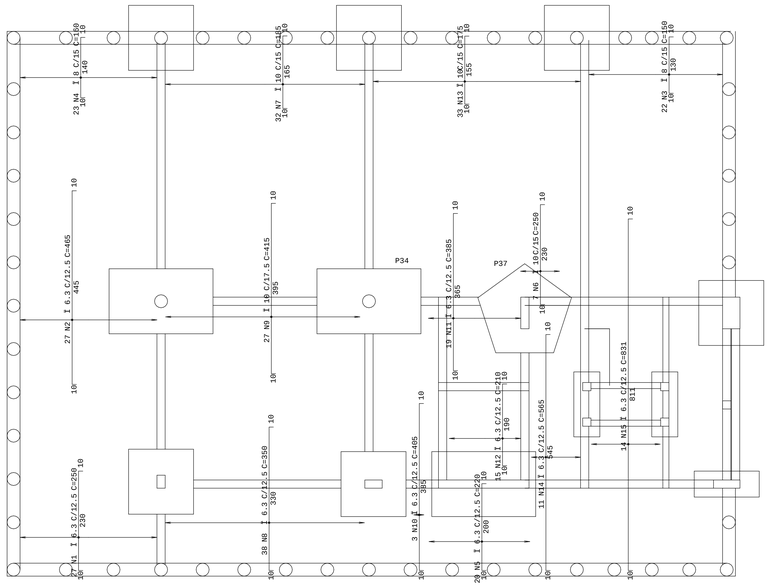
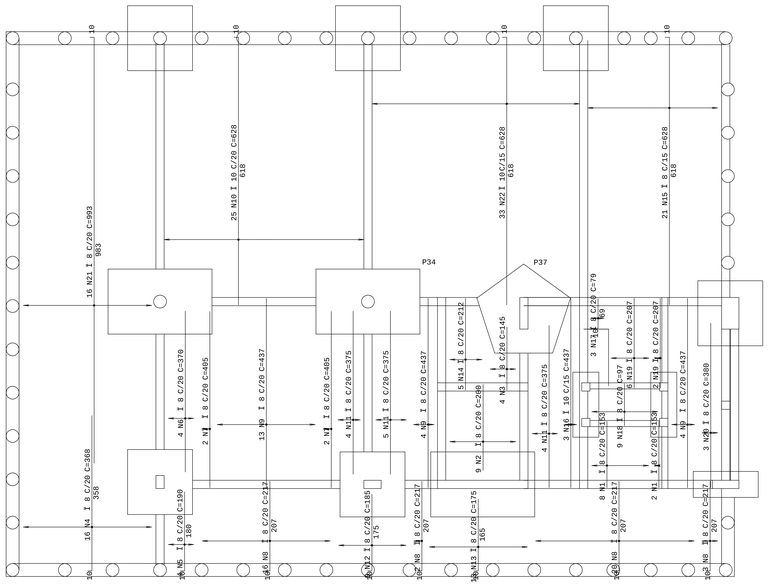
Armadura negativa Horizontal
1X



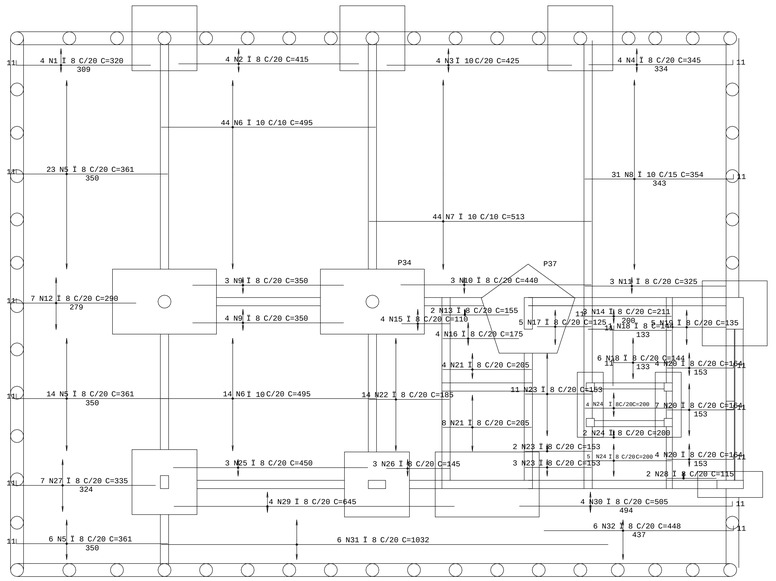
Armadura negativa Vertical
1X



Armadura positiva Vertical
1X



Armadura positiva Horizontal
1X



AÇO	POS	BIT (mm)	QUANT.	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
50A	1	10	30	370	11100
50A	2	10	40	526	21040
50A	3	8	81	536	43416
50A	4	6.3	12	227	2724
50A	5	6.3	15	705	10575
50A	6	6.3	34	370	12580
50A	7	6.3	22	175	3850
50A	8	6.3	10	390	3900
50A	1	6.3	27	250	6750
50A	2	6.3	27	465	12555
50A	3	8	22	150	3300
50A	4	8	23	160	3680
50A	5	6.3	20	220	4400
50A	6	10	7	250	1750
50A	7	10	32	185	5920
50A	8	6.3	38	350	13300
50A	9	10	27	415	11205
50A	10	6.3	3	405	1215
50A	11	6.3	19	385	7315
50A	12	6.3	15	210	3150
50A	13	10	33	175	5775
50A	14	6.3	11	565	6215
50A	15	6.3	14	831	11634
50A	1	8	10	153	1530
50A	2	8	9	200	1800
50A	3	8	4	145	580
50A	4	8	16	368	5888
50A	5	8	4	190	760
50A	6	8	4	370	1480
50A	7	8	4	405	1620
50A	8	8	41	217	8897
50A	9	8	21	437	9177
50A	10	10	25	628	15700
50A	11	8	13	375	4875
50A	12	8	9	185	1665
50A	13	8	13	175	2275
50A	14	8	5	212	1060
50A	15	8	21	628	13188
50A	16	10	3	437	1311
50A	17	8	3	79	237
50A	18	8	9	97	873
50A	19	8	8	207	1656
50A	20	8	3	380	1148
50A	21	8	16	903	15888
50A	22	10	33	628	20724
50A	1	8	4	320	1280
50A	2	8	4	415	1660
50A	3	10	4	425	1700
50A	4	8	4	345	1380
50A	5	8	43	361	15523
50A	6	10	58	495	28710
50A	7	10	44	513	22572
50A	8	10	31	354	10974
50A	9	8	7	350	2450
50A	10	8	3	440	1320
50A	11	8	3	325	975
50A	12	8	7	290	2030
50A	13	8	2	155	310
50A	14	8	3	211	633
50A	15	8	4	110	440
50A	16	8	4	175	700
50A	17	8	5	125	625
50A	18	8	7	144	1008
50A	19	8	5	135	675
50A	20	8	15	164	2460
50A	21	8	12	205	2460
50A	22	8	14	185	2590
50A	23	8	16	153	2448
50A	24	8	11	200	2200
50A	25	8	3	450	1350
50A	26	8	3	145	435
50A	27	8	7	335	2345
50A	28	8	2	115	230
50A	29	8	4	645	2580
50A	30	8	4	505	2020
50A	31	8	6	1032	6192
50A	32	8	6	448	2688

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6.3	1082	250
50A	8	1060	744
50A	10	1585	998
Peso Total		50A =	1993 kg

REV.	MODIFICACAO	DESENHO	DATA
04			/ /
03			/ /
02	Revis«o Geral - Substitui-«o Relat-rio de Sondagem - HÉlice Cont'nua		17/07/14
01	Lajes com altera-«o das arma-«es: L100/L101/L102 (BomBeiro)		07/02/13
00	EMISSÃO INICIAL		/ /

RAL ENGENHARIA
Projetos Estruturais
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CEP 06038-323 - Jd. D'Abril - Osasco - SP
e-mail: ral_eng@ig.com.br
Tel.: (11) 3694-6726
Nextel : (11) 7746-8117
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 Nº 1199

CLIENTE: TRIBUNAL DE CONTAS DO ESTADO DE SëO PAULO

OBRA: Av Dr. Ariberto Pereira da Cunha, 1302 - Guaratinguetá 208

TITULO: Subsolo
Arma-«o de Lajes

DES. Nº

REV. Nº 02

DATA	ESCALA	DESENHO	VERIF.	COORD.	RNP Nº
17/07/2014	1:50				Roberto A.Lima

Formato A0

ROBERTO ANTONIO DE LIMA PC C:\TQS\Guaratinguetá UR-1A\Undécimo\206A01.PLT 29/08/2014 09:43:53