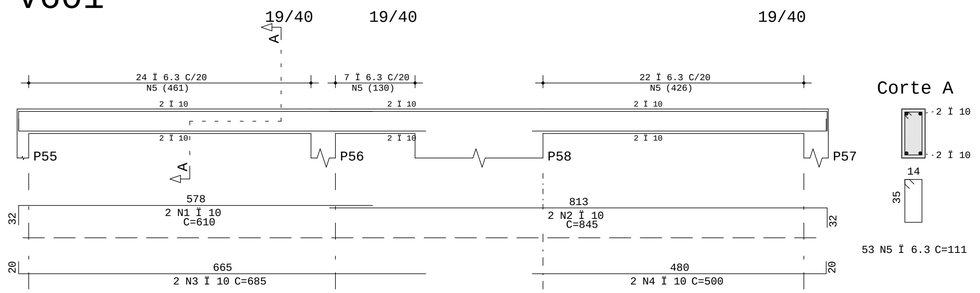
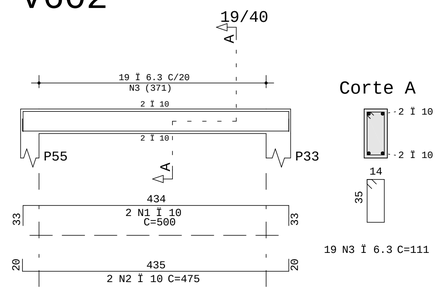
V601



V602

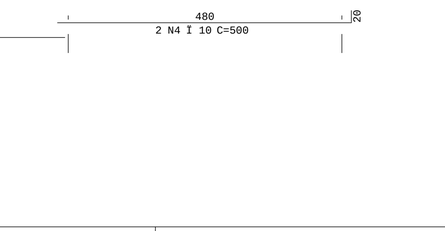


	A¢O	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V600						
	50A	1	10	2	725	1450
	50A	2	10	2	710	1420
	50A	3	10	2	870	1740
	50A	4	10	2	500	1000
	50A	5	6.3	47	111	5217
	50A	6	6.3	18	125	2250
	60B	7	5	4	379	1516
V601						
	50A	1	10	2	610	1220
	50A	2	10	2	845	1690
	50A	3	10	2	685	1370
	50A	4	10	2	500	1000
	50A	5	6.3	53	111	5883
V602						
	50A	1	10	2	500	1000
	50A	2	10	2	475	950
	50A	3	6.3	19	111	2109
V603						
	50A	1	10	2	500	1000
	50A	2	10	2	475	950
	50A	3	6.3	21	111	2331
V604						
	50A	1	10	2	500	1000
	50A	2	10	2	475	950
	50A	3	6.3	21	111	2331
V605						
	50A	1	10	2	500	1000
	50A	2	10	2	475	950
	50A	3	6.3	20	111	2220

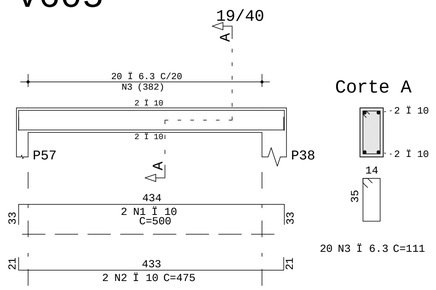
RESUMO A¢O CA 50-60			
A¢O	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	15	2
50A	6.3	223	56
50A	10	187	118
Peso Total	60B =		2 kg
Peso Total	50A =		174 kg

V604

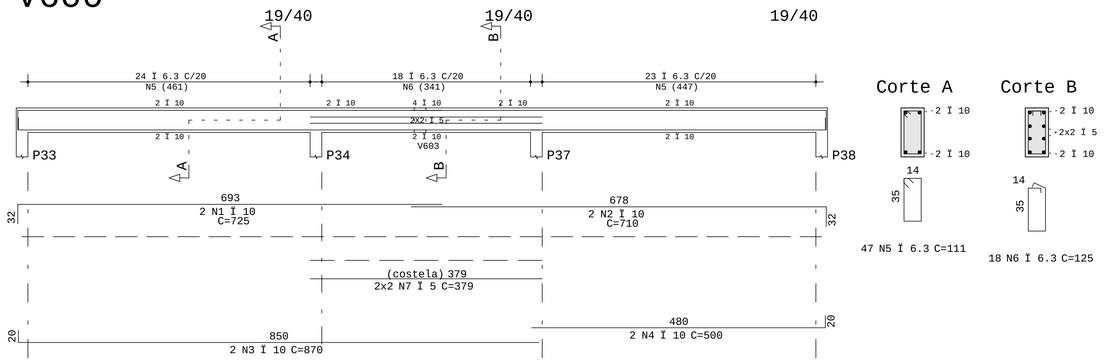
V603



V605



V600



REV.	MODIFICACAO	DESENHO	DATA
04			/ /
03			/ /
02			/ /
01	Revis«o Geral - Substitui-«o Relat-rio de Sondagem		17/07/14
00	EMISSëO 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 N º 1199

CLIENTE
TRIBUNAL DE CONTAS DO ESTADO DE SëO PAULO

OBRA
Av Dr. Ariberto Pereira da Cunha, 1302 - Guaratinguet§

DES. N º 228

TITULO
Cobertura Caixa Ćgua
Arma-«o de Vigas

V600 / V601 / V602 / V603 / V604
V605

REV. N º 01

DATA	ESCALA	DESENHO	VERIF.	COORD.	ENG º
17/07/2014	1:50				Roberto A.Lima

Formato A1

ROBERTO ANTONIO DE LIMA PL C:\TQS\Guaratinguet§ UR-14\Cobertura Cx Água\VIGAS\228A01.PLT 29/08/2014 18:26:02