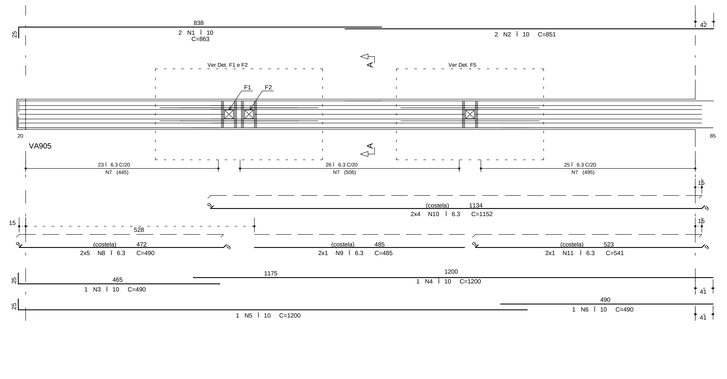
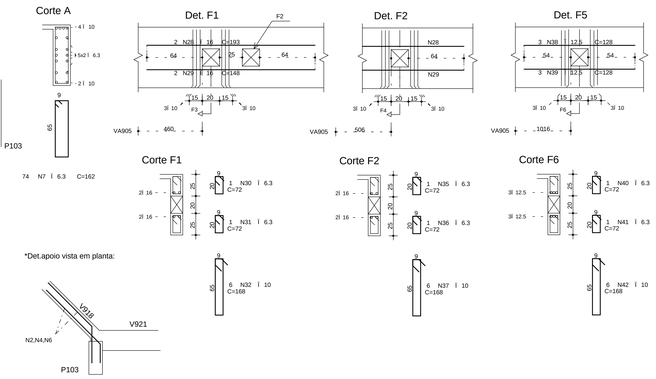
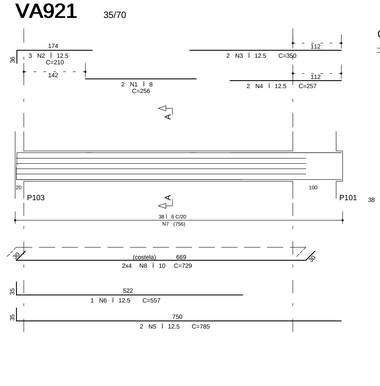
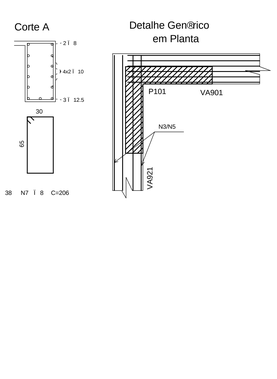
VA918 14/70





VA921 35/70

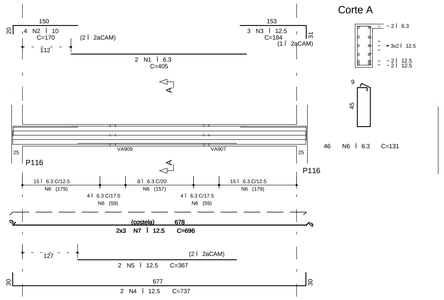




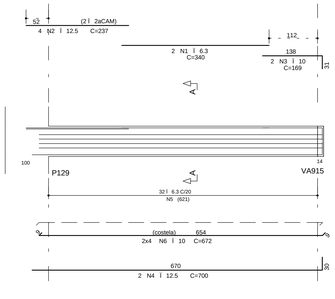
	A¢ O	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VA918 (X2)						
	50A	1	10	4	863	3452
	50A	2	10	4	851	3404
	50A	3	10	2	490	980
	50A	4	10	2	1200	2400
	50A	5	10	2	1200	2400
	50A	6	10	2	490	980
	50A	7	6.3	148	562	83078
	50A	8	6.3	30	490	9800
	50A	9	6.3	4	485	1940
	50A	10	6.3	16	1152	18432
	50A	15	16	4	193	772
	50A	29	16	4	148	592
	50A	30	6.3	2	72	144
	50A	31	6.3	2	72	144
	50A	34	12.5	6	128	768
	50A	35	6.3	2	72	144
	50A	36	6.3	2	72	144
	50A	37	12.5	12	168	2016
	50A	38	12.5	6	128	768
	50A	39	12.5	6	128	768
	50A	40	6.3	2	72	144
	50A	41	6.3	2	72	144
	50A	42	10	2	1016	2032
VA921 (X2)						
	50A	1	8	4	256	1024
	50A	2	12.5	4	210	1260
	50A	3	12.5	4	350	1400
	50A	4	12.5	4	257	1028
	50A	5	12.5	4	765	3148
	50A	6	12.5	4	669	2676
	50A	7	8	76	206	15656
	50A	8	10	16	729	11664
VA922 (X2)						
	50A	1	6.3	8	405	3320
	50A	2	12.5	8	170	1360
	50A	3	12.5	8	184	1104
	50A	4	12.5	4	737	2948
	50A	5	12.5	4	867	3468
	50A	6	6.3	92	131	11452
	50A	7	6.3	8	859	41700
VA923 (X2)						
	50A	1	6.3	4	340	1360
	50A	2	12.5	4	237	1896
	50A	3	12.5	4	169	676
	50A	4	12.5	4	340	1360
	50A	5	6.3	84	162	10368
	50A	6	10	16	672	10752
VA924 (X2)						
	50A	1	6	4	340	1360
	50A	2	12.5	4	232	1856
	50A	3	12.5	8	237	1896
	50A	4	12.5	4	722	2888
	50A	5	8	76	173	13148
	50A	6	12.5	16	899	11184
VA925 (X2)						
	50A	1	10	4	323	1292
	50A	2	10	4	322	1288
	50A	3	6.3	26	122	3172
	50A	4	10	12	269	3228
VA926 (X2)						
	50A	1	6.3	4	299	1196
	50A	2	10	4	155	620
	50A	3	6.3	4	141	564
	50A	4	10	4	272	1088
	50A	5	6.3	4	184	736
	50A	6	10	4	184	736
	50A	7	12.5	6	532	3192
	50A	8	12.5	4	259	518
	50A	9	12.5	4	464	1856
	50A	10	12.5	4	405	1620
	50A	11	12.5	4	361	1444
	50A	12	12.5	4	408	1632
	50A	13	12.5	4	407	1628
	50A	14	12.5	6	512	3348
	50A	15	6.3	8	859	6872
	50A	16	6.3	74	122	4148
	50A	17	8	14	133	1862
	50A	18	8	14	133	1862
	50A	19	6.3	8	722	5776
	50A	20	6.3	8	501	4008
	50A	21	8	8	288	2304
	50A	22	8	12	1061	12732
	50A	23	8	8	461	3688
VA927 (X2)						
	50A	1	10	4	258	1024
	50A	2	10	4	155	620
	50A	3	6.3	4	182	728
	50A	4	12.5	4	355	1420
	50A	5	6.3	4	262	1048
	50A	6	10	4	314	1256
	50A	7	10	4	155	620
	50A	8	12.5	4	428	1712
	50A	9	12.5	4	428	1712
	50A	10	10	4	401	1604
	50A	11	12.5	4	356	1424
	50A	12	12.5	4	473	1892
	50A	13	6.3	106	162	17172
	50A	14	12.5	4	398	1592
	50A	15	6.3	12	939	11268
	50A	16	6.3	8	368	2944
	50A	17	6.3	8	351	2808
	50A	18	8	12	653	7836
	50A	19	8	8	399	3192
VA928 (X2)						
	50A	1	16	8	1037	8296
	50A	2	16	8	1027	20706
	50A	3	16	8	1027	8216
	50A	4	6.3	16	997	15952
	50A	5	6.3	16	997	15952
	50A	6	16	2	256	512
VSEA901 (X2)						
	50A	1	16	4	469	1876
	50A	2	12.5	4	412	1648
	50A	3	6.3	106	162	17172
	50A	4	10	16	409	6544

RESUMO A¢O CA. 50-60			
A¢ O	BIT (mm)	COMPR (m)	PESO (kg)
50A	6.3	1828	1127
50A	8	859	676
50A	10	670	422
50A	12.5	1000	1000
50A	16	203	324
Peso Total	50A =		2574 kg

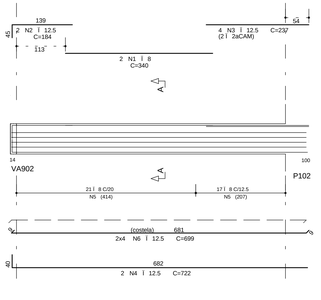
VA922 14/50

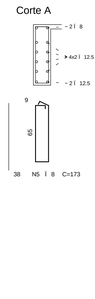


VA923 14/70

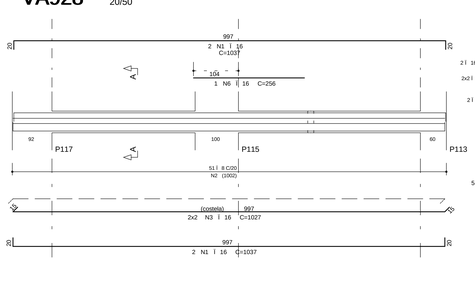


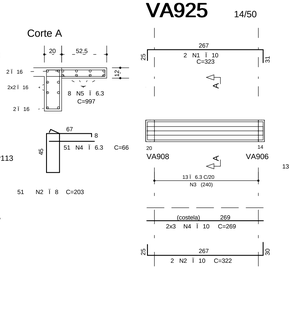
VA924 14/70



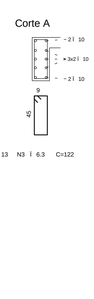


VA928 20/50

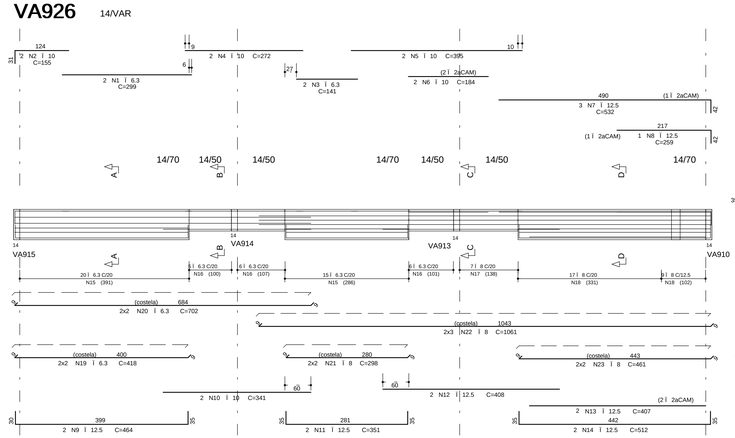


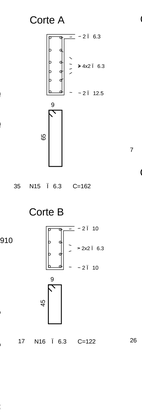


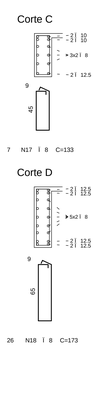
VA925 14/50



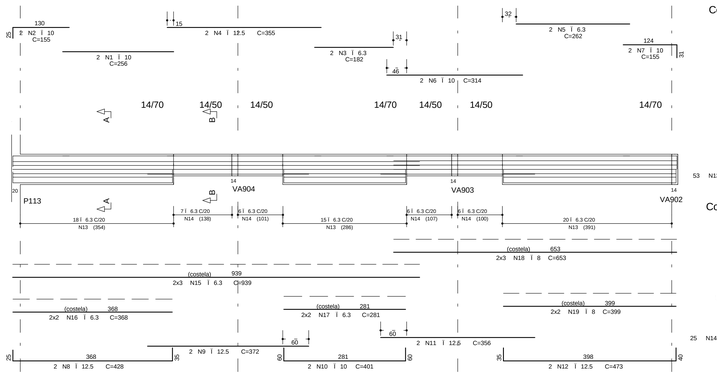
VA926 14/VAR

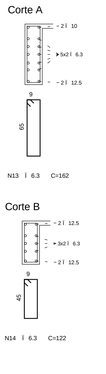




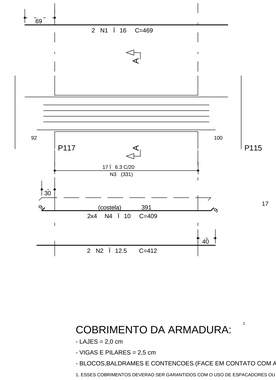


VA927 14/VAR





VSEA901 14/84



COBRIMENTO DA ARMADURA:

- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS,BALDRAMES E CONTENCOES (FACE EM CONTATO COM A TERRA) = 3,0 cm

1. ESSES CORRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.

CORRIMENTOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

NORMAS UTILIZADAS:

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

INDICE:

VA918, VA921 A VA928 E VSEA901

FCK= 35 MPa

EC = 28 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS).

A/C = 0,65 (FATOR AGUA CIMENTO)

REV	DATA	DESCRICAO
1	20/08/2014	NUMERACAO FINAL
0	15/10/2012	EMISSAO INICIAL

Simetria Engenharia
SH QUATRO 47 Nº10 SALAS 01 a 03
BRASILIA-DF CEP: 71200-045
Fixo: (61)3(1) 3030-9410
simetria@simetria.eng.br

PROJETO ESTRUTURAL

CLIENTE:	GENT INCORPORADORA LTDA
OBRA:	ED. RESIDENCIAL/COMERCIAL PAINEIRAS
No OBRA:	
ENDERECO OBRA:	RUA 30 NORTE LOTE 03 - RUA DAS PAINEIRAS - AGUAS CLARAS DF
DESCRICAO:	ARMACAO DAS VIGAS - TORRE 1 - JUNTA A PISO 5o E 6o PAVIMENTO (02/02)
DESENHO No:	BL1 072-090

DESENHISTA: TOQ/ PRISCILLA	DATA: 15/10/2012	ESCALA: 1:50	UNIDADE: CM	No PROJ. SIMETRIA: 478	
ARQUIVO PLT: 478 -EST-BL1-	072-090	-R01	-VIG.PLT		

PROPRIETARIO:

RESPONSAVEL TECNICO

RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL

SIMETRIA ENGENHARIA E PROJETOS S/C LTDA
CREA 2725/RF

SIMETRIA ENGENHARIA\DE PROJETOS S/C LTDA\PLT ETG\GW\VA918 - COSMO\PROJ.TNT - TORRE 1 - JUNTA A\05 ao 6o PAVIMENTO\Projeto\PLT 20/08/2014 15:53