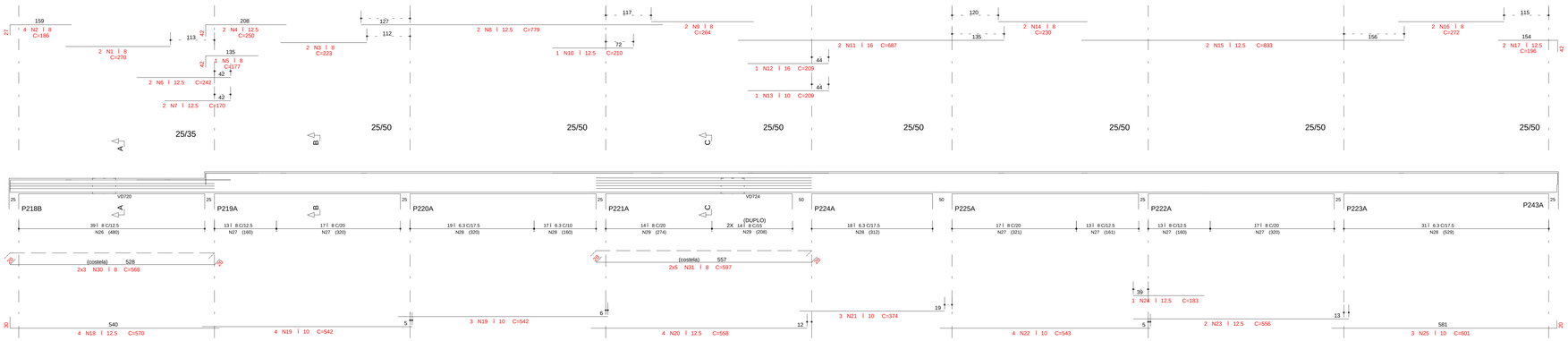
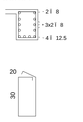
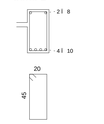
VD701 25/VAR



Corte A



Corte B



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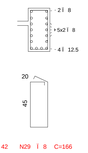
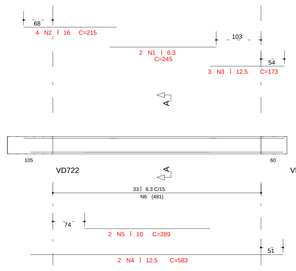


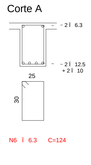
	A4 O	POS	BIT (mm)	QUANT.	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VD701						
	50A	1	8	2	270	540
	50A	2	8	2	196	392
	50A	3	12.5	2	229	458
	50A	4	12.5	2	270	540
	50A	5	8	1	177	177
	50A	6	12.5	2	242	484
	50A	7	12.5	2	170	340
	50A	8	12.5	2	779	1558
	50A	9	8	2	264	528
	50A	10	12.5	2	210	420
	50A	11	16	1	687	1374
	50A	12	16	1	209	209
	50A	13	10	1	209	209
	50A	14	8	2	230	460
	50A	15	12.5	2	833	1666
	50A	16	8	2	272	544
	50A	17	12.5	2	196	392
	50A	18	12.5	4	570	2280
	50A	19	6.3	4	136	544
	50A	20	12.5	4	542	2168
	50A	21	10	3	374	1122
	50A	22	12.5	4	558	2232
	50A	23	12.5	2	556	1112
	50A	24	12.5	1	183	183
	50A	25	8	2	166	332
	50A	26	8	39	136	5304
	50A	27	8	90	146	13140
	50A	28	6.3	85	144	12240
	50A	29	8	42	166	6972
	50A	30	8	6	568	3408
	50A	31	8	23	397	9075
VD702 (25)						
	50A	1	6.3	4	245	980
	50A	2	10	8	215	1720
	50A	3	12.5	4	173	1038
	50A	4	10	4	289	1156
	50A	5	10	4	284	1136
	50A	6	6.3	30	124	3224
VD703 (25)						
	50A	1	8	12	401	4812
	50A	2	12.5	12	176	2112
	50A	3	8	8	315	2520
	50A	4	20	8	401	3208
	50A	5	20	4	315	1260
	50A	6	20	4	229	916
	50A	7	8	8	403	3224
	50A	8	20	8	389	3112
	50A	9	20	4	291	1164
	50A	10	20	4	229	1274
	50A	11	16	12	218	3180
	50A	12	20	4	401	1604
	50A	13	20	2	403	806
	50A	14	20	2	856	6848
	50A	15	20	4	315	1260
	50A	16	20	2	229	1274
	50A	17	8	16	198	3040
	50A	18	8	16	241	3856
	50A	19	8	56	241	13496
	50A	20	8	112	120	13440
	50A	21	10	24	124	3720
	50A	22	10	80	141	11280
	50A	23	8	150	141	21150
	50A	24	8	150	141	21150
	50A	25	10	54	145	7830
	50A	26	8	56	145	8120
	50A	27	8	87	145	12615
	50A	28	8	4	816	3528
	50A	29	8	4	816	3528
VD704						
	50A	1	6.3	4	302	1208
	50A	2	10	4	195	780
	50A	3	10	4	195	780
	50A	4	10	5	631	3155
	50A	5	6.3	30	161	4830
VD705						
	50A	1	6.3	2	296	592
	50A	2	6.3	2	108	216
	50A	3	6.3	2	313	626
	50A	4	16	2	467	934
	50A	5	16	1	340	340
	50A	6	16	1	313	313
	50A	7	16	2	836	1672
	50A	8	16	1	655	655
	50A	9	16	1	664	664
	50A	10	16	1	334	1336
	50A	11	6.3	65	372	24180
	50A	12	8	14	788	11032
	50A	13	8	21	611	12831
VD706						
	50A	1	6.3	4	461	1844
	50A	2	10	4	191	764
	50A	3	16	4	192	768
	50A	4	20	4	811	3244
	50A	5	6.3	48	239	11472
	50A	6	8	12	190	2280
	50A	7	6.3	48	239	11472
	50A	8	8	4	783	3132
	50B	9	8	4	783	3132
VD707						
	50A	1	6.3	4	396	1584
	50A	2	10	4	240	960
	50A	3	16	4	239	956
	50A	4	16	2	812	1624
	50A	5	6.3	4	147	588
	50A	6	6.3	30	147	4410
	50A	7	6.3	6	792	2376

RESUMO A4 O CA 50-60				
A4 O	BIT (mm)	COMPR (m)		PESO (kg)
50B	9	783		313
50A	3.1	991		248
50A	8	1689		675
50A	10	1		1
50A	12.5	171		171
50A	16	240		386
50A	20	401		1003
Peso Total 50B =				5 kg
Peso Total 50A =				2981 kg

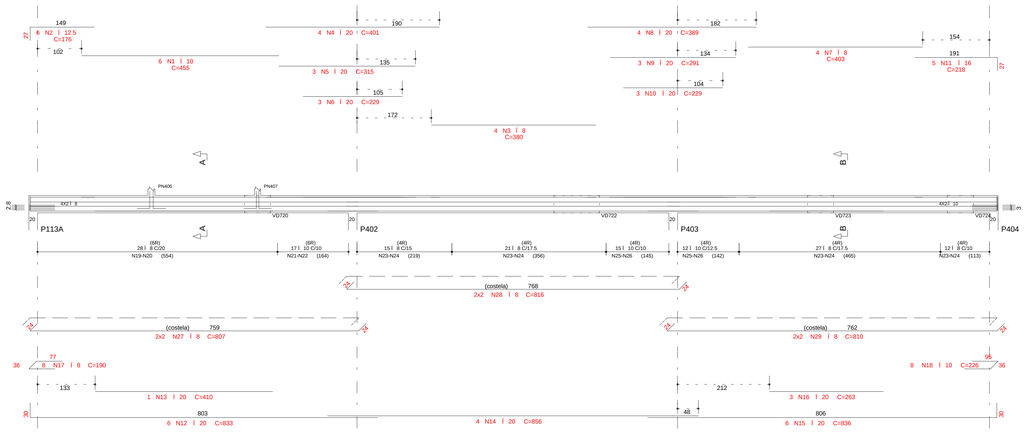
VD702/VD713 30/35



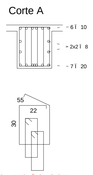
Corte A



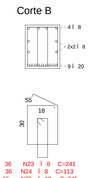
VD703/VD709 60/35

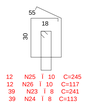


Corte A

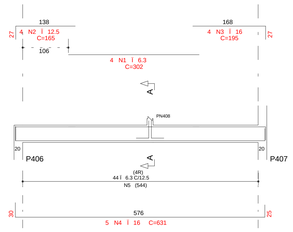


Corte B

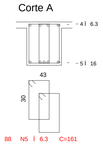




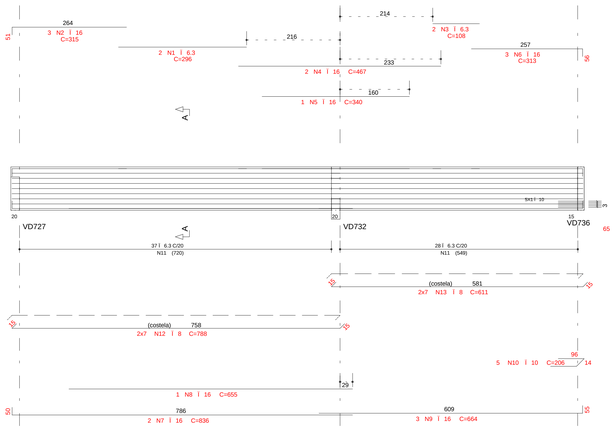
VD704 70/35



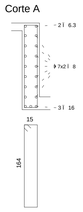
Corte A



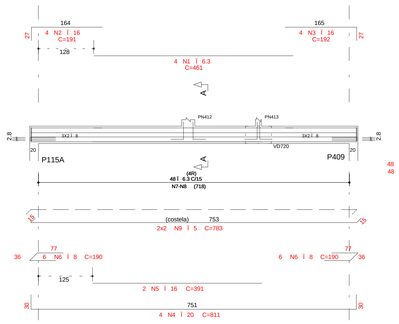
VD705 20/169



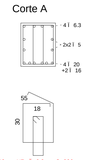
Corte A



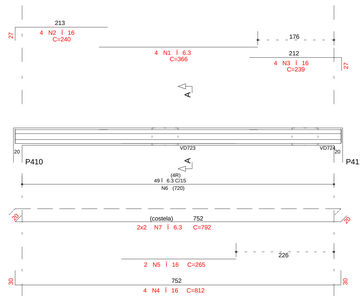
VD706 60/35



Corte A



VD707 60/35



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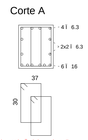

COBRIMENTO DA ARMADURA:

- 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 COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.

COBRIMENTOS 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

INDICE:

VD701 A VD707, VD709 e VD713

FCK= 35 MPa

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

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

REV	DATA	DESCRICAO
1	02/09/2014	NUMERACAO FINAL
0	29/05/2013	EMISSAO INICIAL

Simetria Engenharia
SIA QUADRA 02 lote 01 SALA 01, 2 ZON
BRAZLIA-DF CEP: 71200-045
FADE: (0XX61) 3036-9610
simetria@simetria-eng.br

PROJETO ESTRUTURAL

CLIENTE: GENT INCORPORADORA LTDA

OBRA: ED. RESIDENCIAL/COMERCIAL PAINEIRAS — No OBRA: XXX

ENDEREOCO OBRA: RUA 30 NORTE LOTE 03 - RUA DAS PAINEIRAS - AGUAS CLARAS DF

DESCRICAO: ARMACAO DAS VIGAS - EMBASAMENTO - JUNTA D 3o PAVIMENTO (01/04)

DESENHO No: BL4 044-052

DESENHISTA:	DATA:	ESCALA:	UNIDADE	No PROJ. SIMETRIA:
TQS/ GUSTAVO	29/05/2013	1:50	CM	478

ARQUIVO:PLT: 478 -EST-BL4- 044-052 -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 Pc C:\TQS\WINXP\ - COSAMPOLITAN - EMBAS - JUNTA D\03-3D PAVIMENTOS\VIGAS\01.PLT 02/09/2014 08:23:38