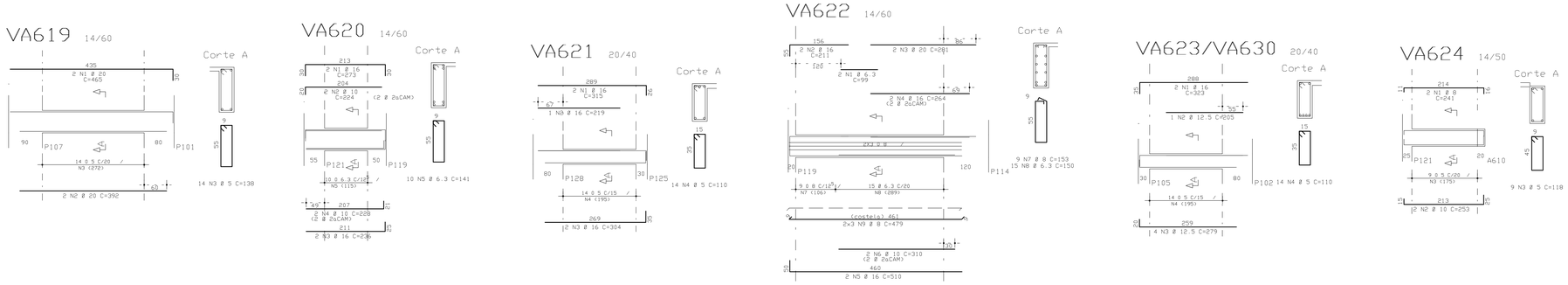
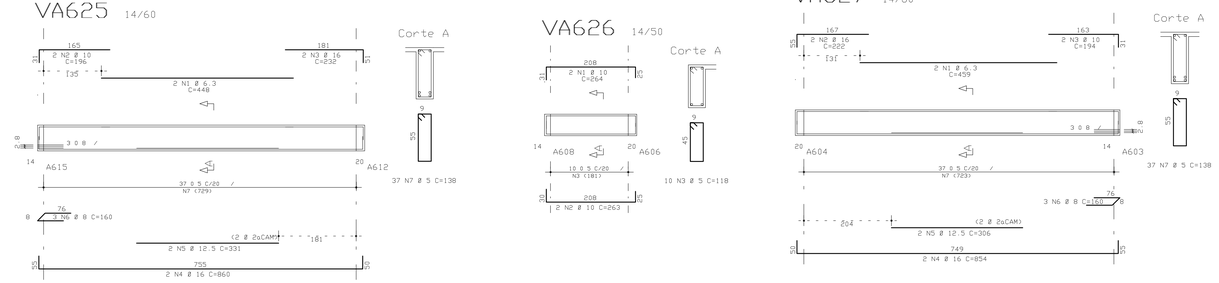
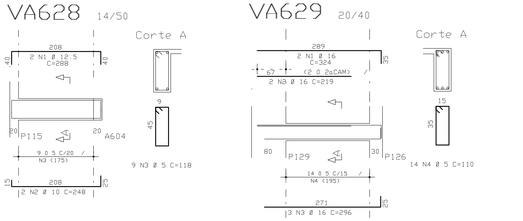


ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VA619 (X6)					
50A	1	20	12	465	5580
50A	2	20	2	392	4704
60B	3	5	84	138	11592
VA620 (X6)					
50A	1	16	12	273	3276
50A	2	10	12	224	2688
50A	3	16	12	236	2832
50A	4	10	12	228	2736
50A	5	6.3	60	141	8460
VA621 (X6)					
50A	1	16	12	315	3780
50A	2	16	6	219	1314
50A	3	16	12	304	3648
50A	4	5	84	110	9240
VA622 (X6)					
50A	1	6.3	12	99	1188
50A	2	16	12	211	2532
50A	3	20	12	281	3372
50A	4	16	12	264	3168
50A	5	16	12	510	6120
50A	6	10	12	310	3720
50A	7	8	54	153	8262
50A	8	6.3	90	150	13500
50A	9	8	36	479	17244
VA623/VA630 (X12)					
50A	1	16	24	323	7752
50A	2	12.5	12	205	2460
50A	3	12.5	48	279	13392
60B	4	5	168	110	18480
VA624 (X6)					
50A	1	8	12	241	2892
50A	2	10	12	253	3036
60B	3	5	54	118	6372
VA625 (X6)					
50A	1	6.3	12	448	5376
50A	2	10	12	196	2352
50A	3	16	12	232	2784
50A	4	16	12	862	10305
50A	5	12.5	12	331	3972
50A	6	8	18	160	2880
60B	7	5	202	138	30636
VA626 (X6)					
50A	1	10	12	264	3168
50A	2	10	12	263	3156
60B	3	5	60	118	7080

ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VA627 (X6)					
50A	1	6.3	12	459	5508
50A	2	16	12	222	2664
50A	3	10	12	194	2328
50A	4	16	12	854	10248
50A	5	12.5	12	306	3672
50A	6	8	18	160	2880
60B	7	5	222	138	30636
VA628 (X6)					
50A	1	12.5	12	288	3456
60B	2	5	54	118	6372
VA629 (X6)					
50A	1	16	12	324	3888
50A	2	16	12	219	2628
50A	3	16	18	296	5328
60B	4	5	84	110	9240
VA631 (X6)					
50A	1	16	12	306	3672
50A	2	10	12	305	3660
50A	3	20	12	291	3492
50A	4	16	12	286	3432
50A	5	8	108	144	15552
50A	6	10	12	135	1620
VA632 (X6)					
50A	1	16	12	209	2508
50A	2	20	12	252	3024
50A	3	16	24	210	5040
50A	4	16	12	125	1500
50A	5	8	42	156	6552
VA633 (X6)					
50A	1	20	12	422	5064
50A	2	12.5	12	251	3012
50A	3	16	24	350	8400
50A	4	6.3	78	141	10998
VA634 (X6)					
50A	1	16	12	408	4896
50A	2	12.5	12	382	4584
50A	3	16	12	370	4440
50A	4	10	12	332	3984
60B	5	5	84	138	11592
VSE601 (X6)					
50A	1	20	24	341	8184
50A	2	16	12	314	3768
50A	3	16	12	313	3756
50A	4	8	144	150	21600
60B	5	5	24	259	6216
50A	6	10	12	135	1620
VSE602 (X6)					
50A	1	12.5	12	202	2424
50A	2	10	12	1356	16272
50A	3	6.3	24	141	3384
50A	4	8	24	128	3072





RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	1475	236
50A	6.3	484	121
50A	8	809	324
50A	10	347	219
50A	12.5	370	370
50A	16	1174	1878
50A	20	334	836
Peso Total	60B =		236 kg
Peso Total	50A =		3747 kg

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

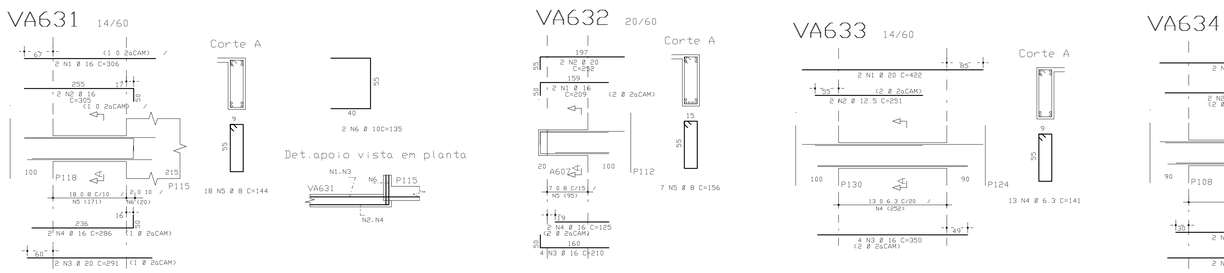
1: ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
COBRIMENTOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

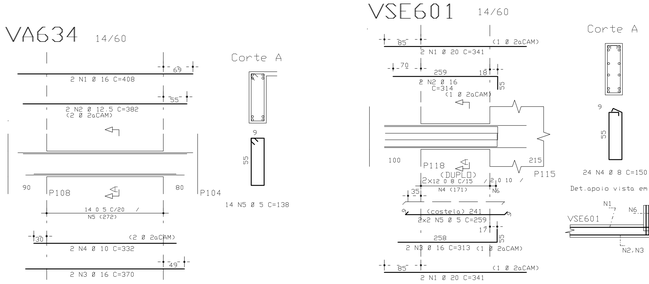
NORMAS UTILIZADAS:

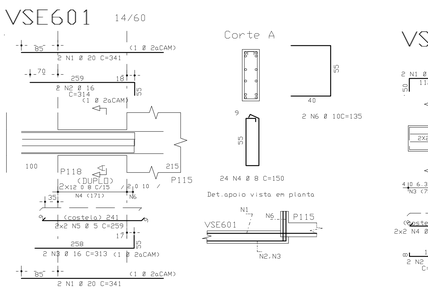
NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

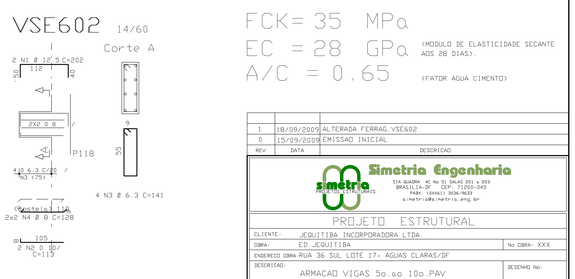
INDICE:

VA619 a VA634, VSE601, VSE602.









FCK = 35 MPa

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

A/C = 0.65 (FATOR AGUA CIMENTO)

REV	DATA	DESCRICAO
1	18/09/2009	ALTERADA FERRAG.VSE602
0	15/09/2009	EMISSAO INICIAL

Simetria Engenharia
S/C LTDA
SIA QUADRA AC No 51 SALAS 201 e 203
BRASILIA - DF CEP 71200-045
FONE: (0061) 3036-9633
s.metria@simetria.eng.br

PROJETO ESTRUTURAL

CLIENTE: JEQUITIBA INCORPORADORA LTDA.

OBRA: ED JEQUITIBA — No OBRA: XXX

ENDERECO OBRA: RUA 36 SUL, LOTE 17- AGUAS CLARAS/DF

DESCRICAO: ARMACAO VIGAS 5o.ao 10o.PAV (02/02)

DESENHO No: 066/088

DESENHISTA:	DATA:	ESCALA:	UNIDADE	No PROJ. SIMETRIA
TGS/DENI	15/09/2009	1:50	CM	418

ARQUIVO PLT: 418-EST-066-088-R01.PLT

PROPRIETARIO:

RESPONSAVEL TECNICO:

RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL

SIMETRIA ENGENHARIA E PROJETOS S/C LTDA
CREA-2725/DF

SIMETRIA ENGENHARIA DE PROJETOS S/C LTDA PC C:\VIDUN\JEQUI-ALTE.AP JUNTA A: BLAGS SYBES PAVVIGAS\VIGAS-PAV\TINALE2.PLT 04/03/2010 13:57:20