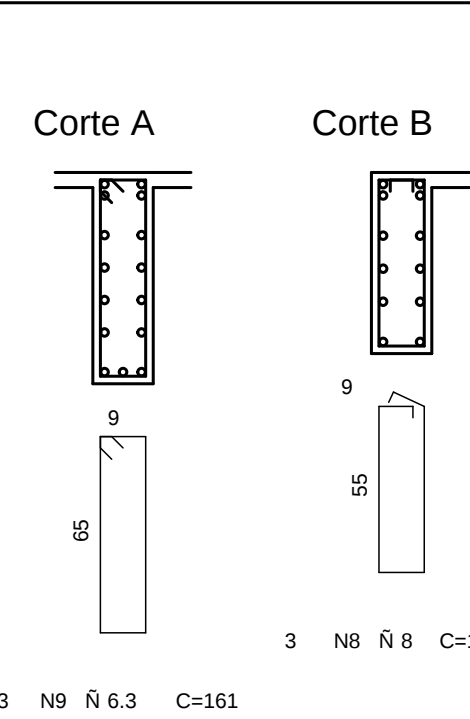
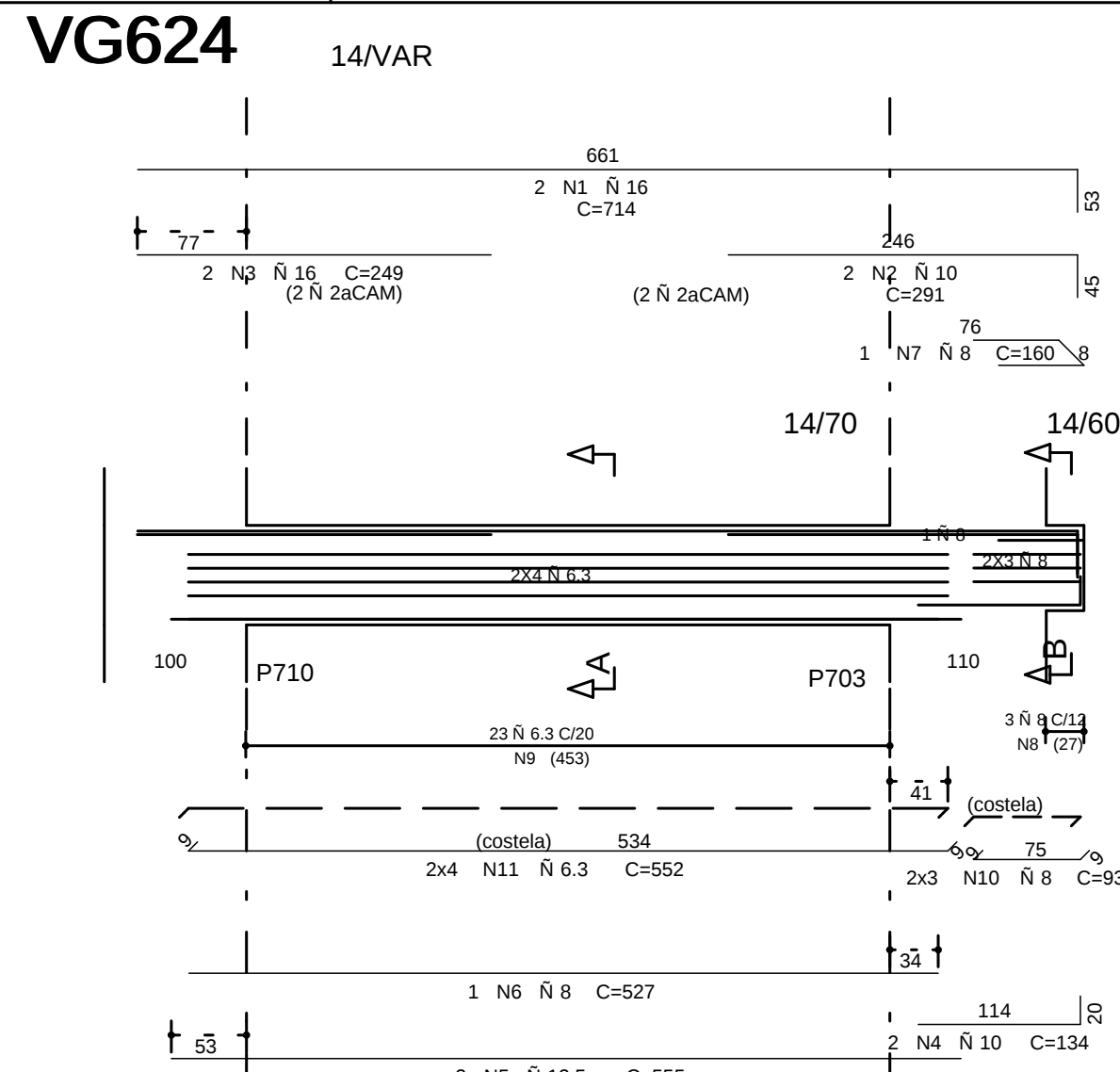
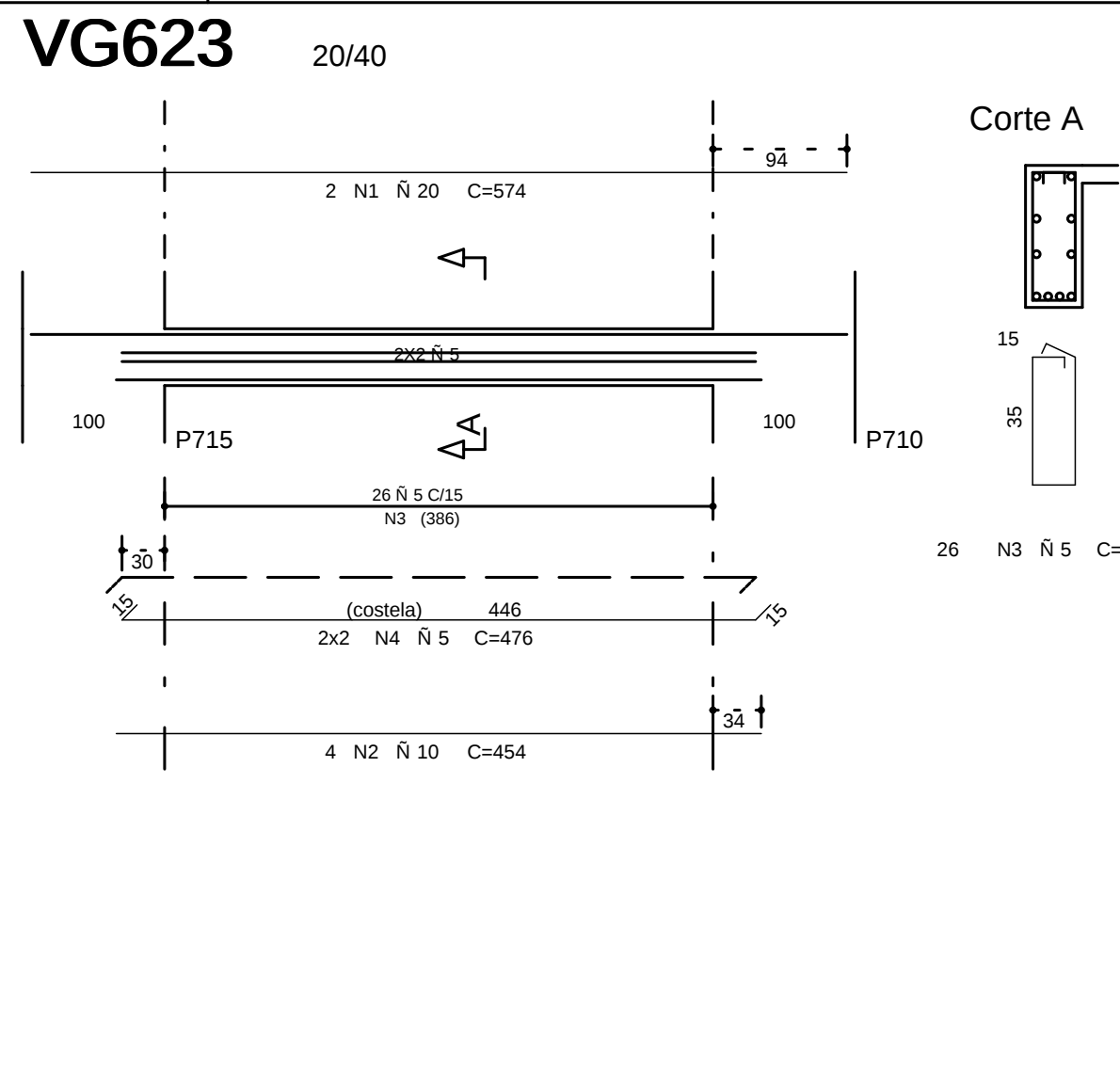
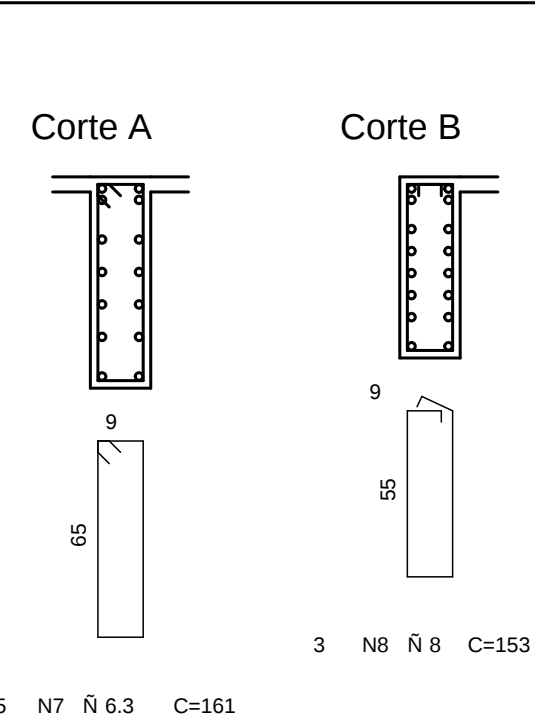
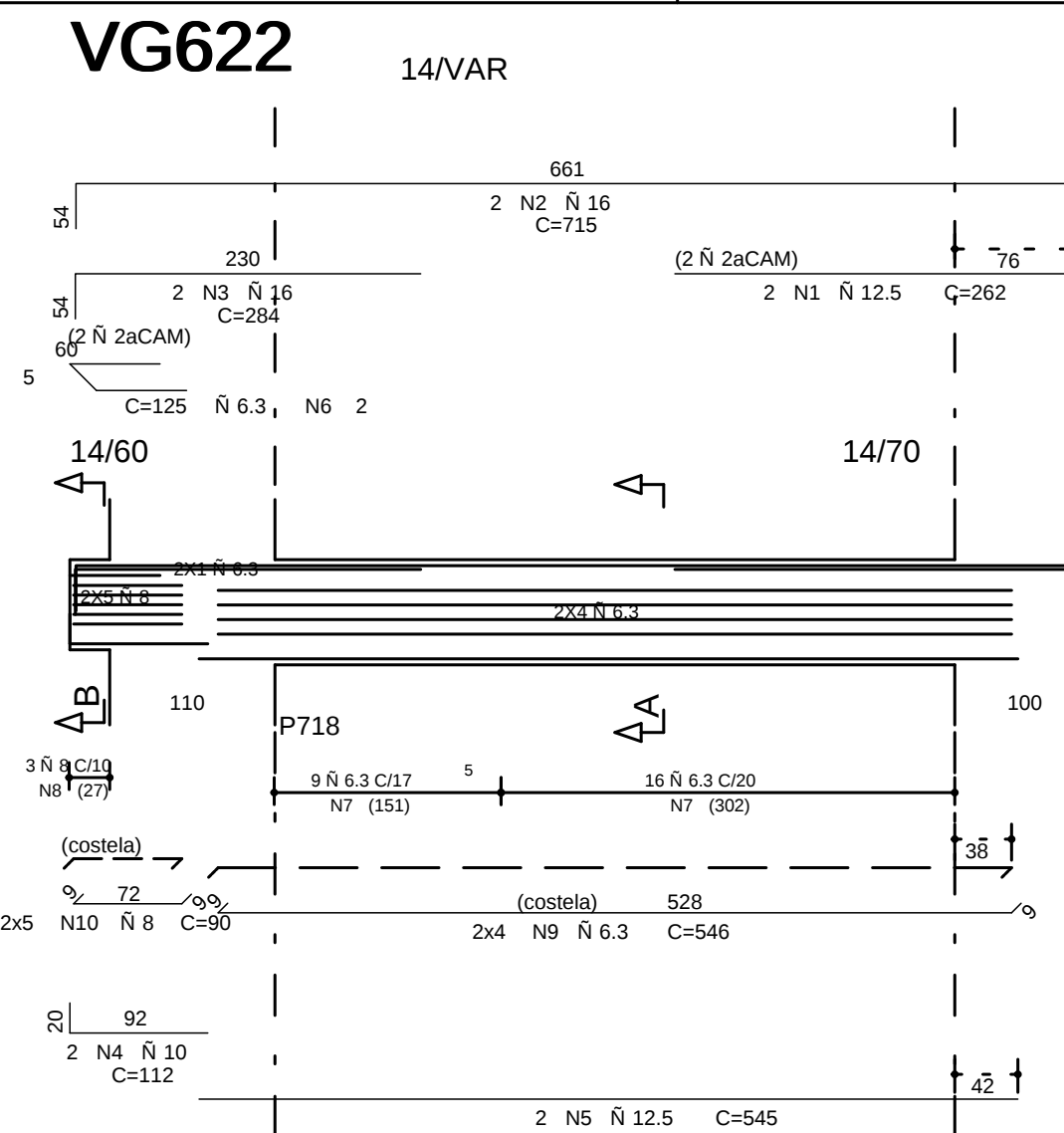
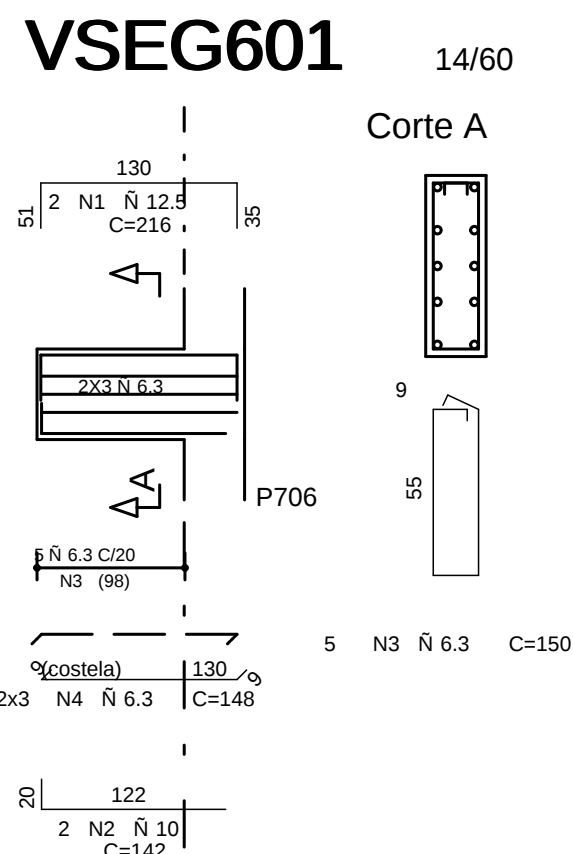
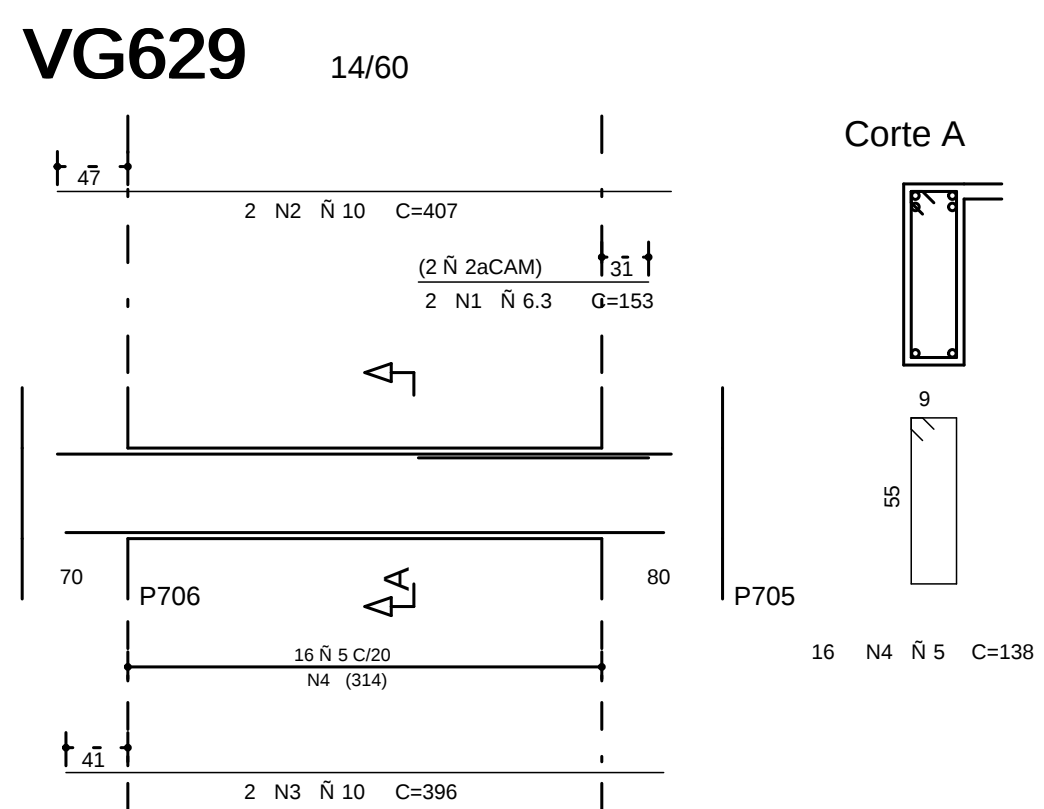
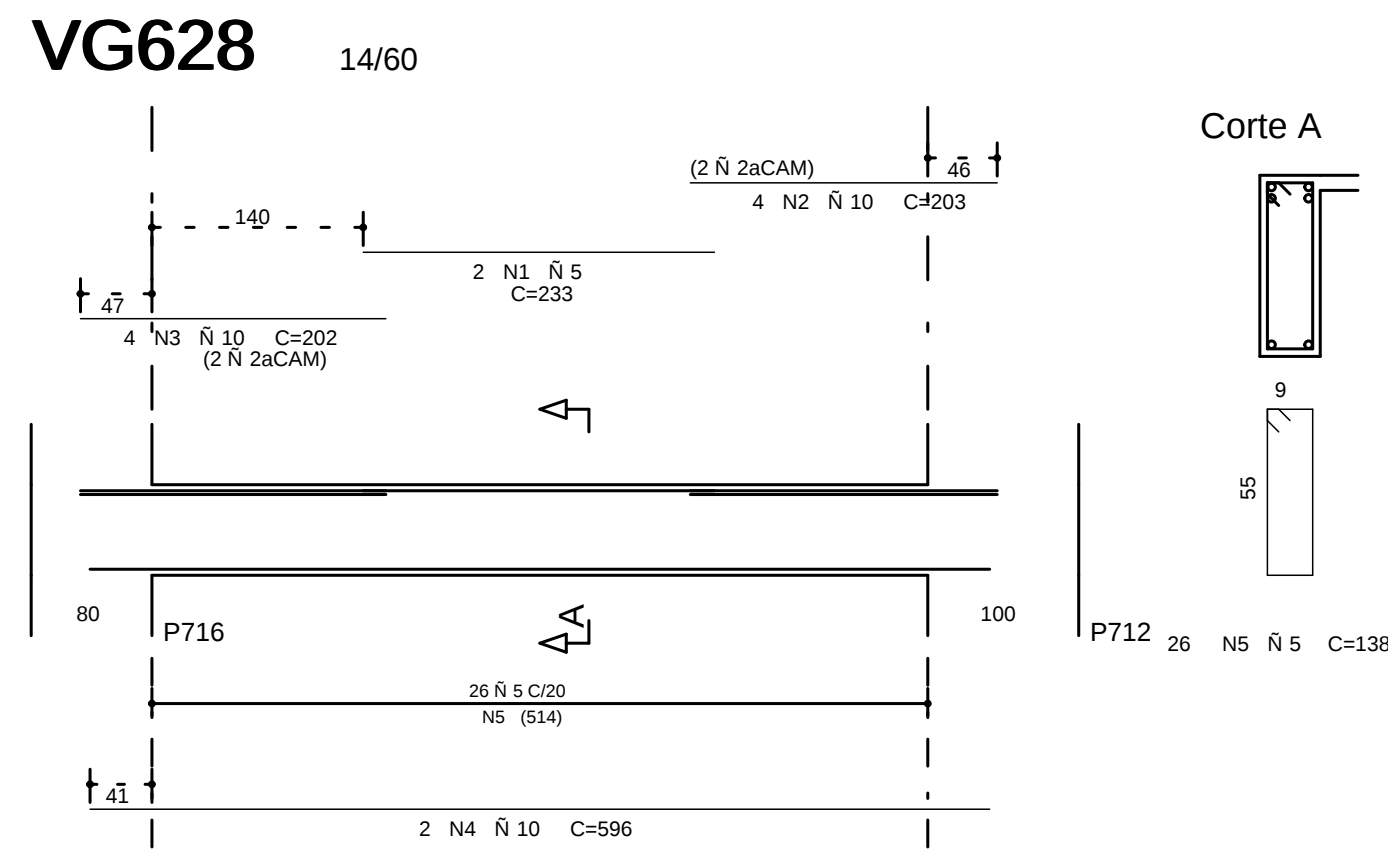
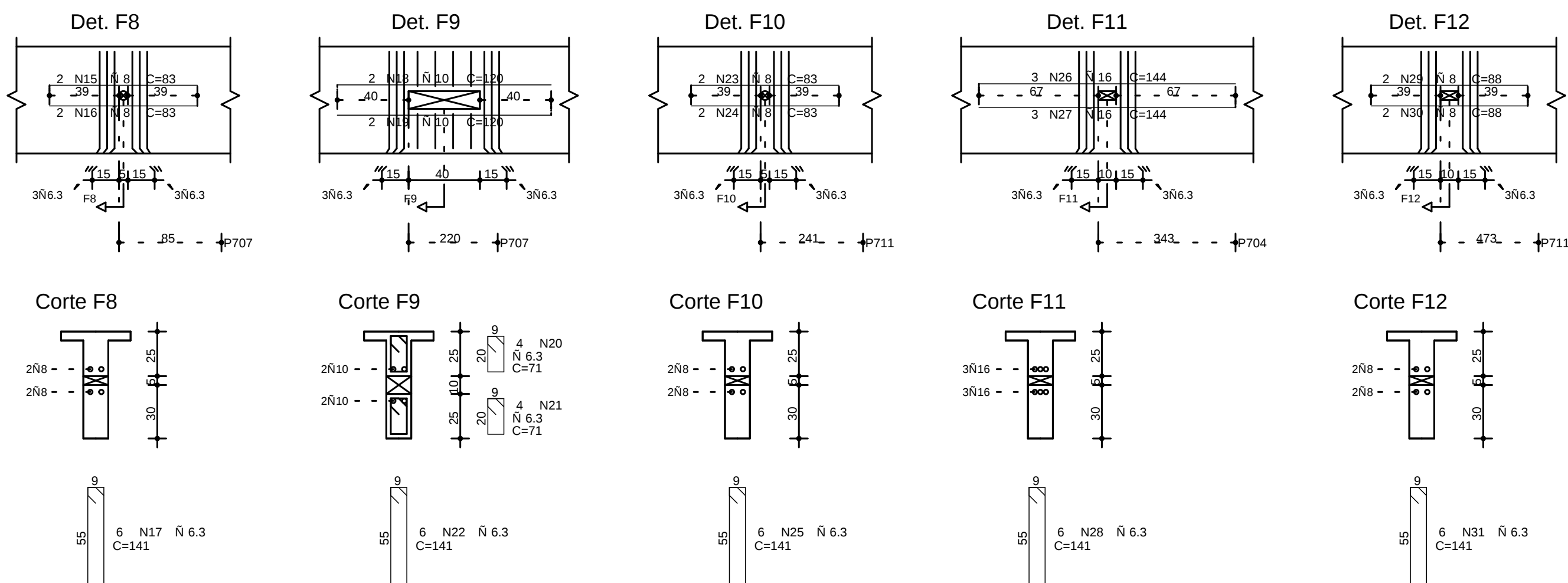
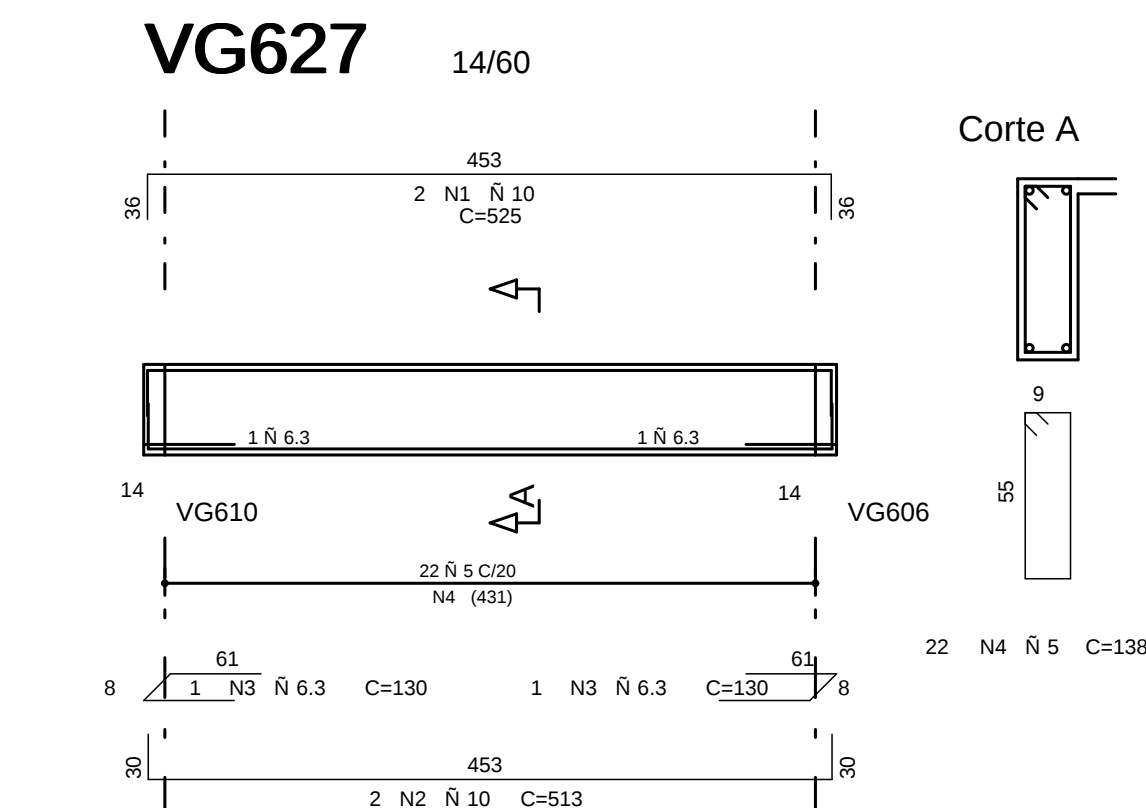
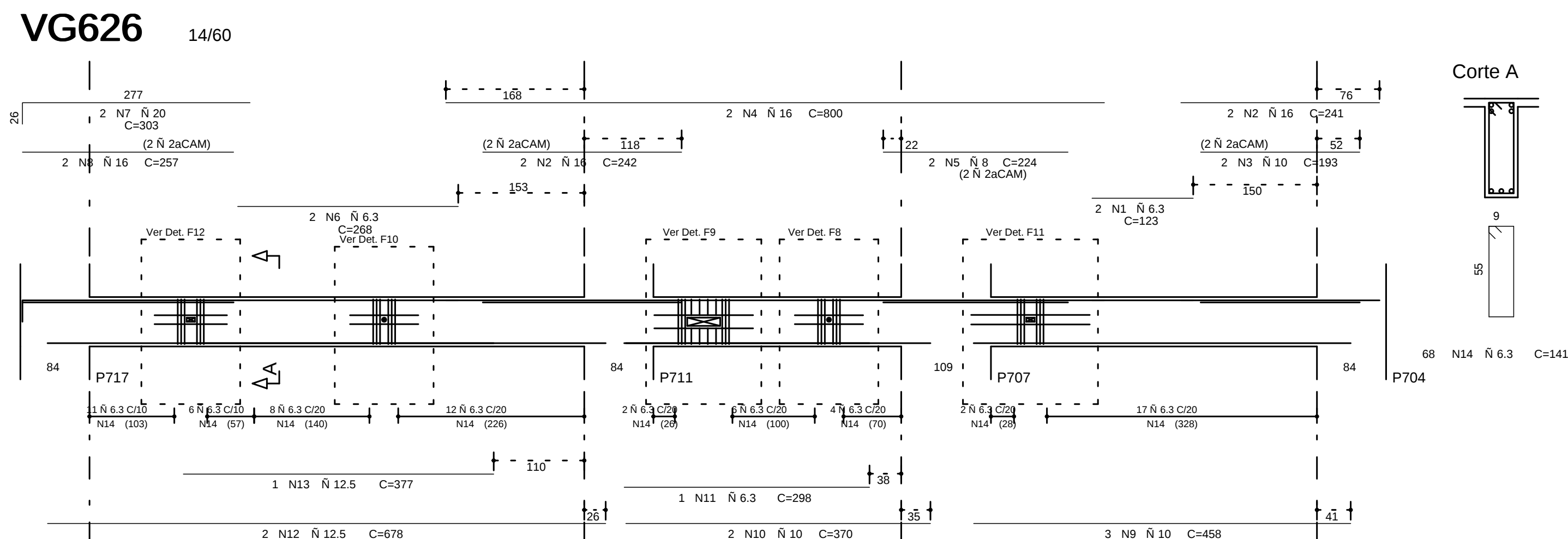
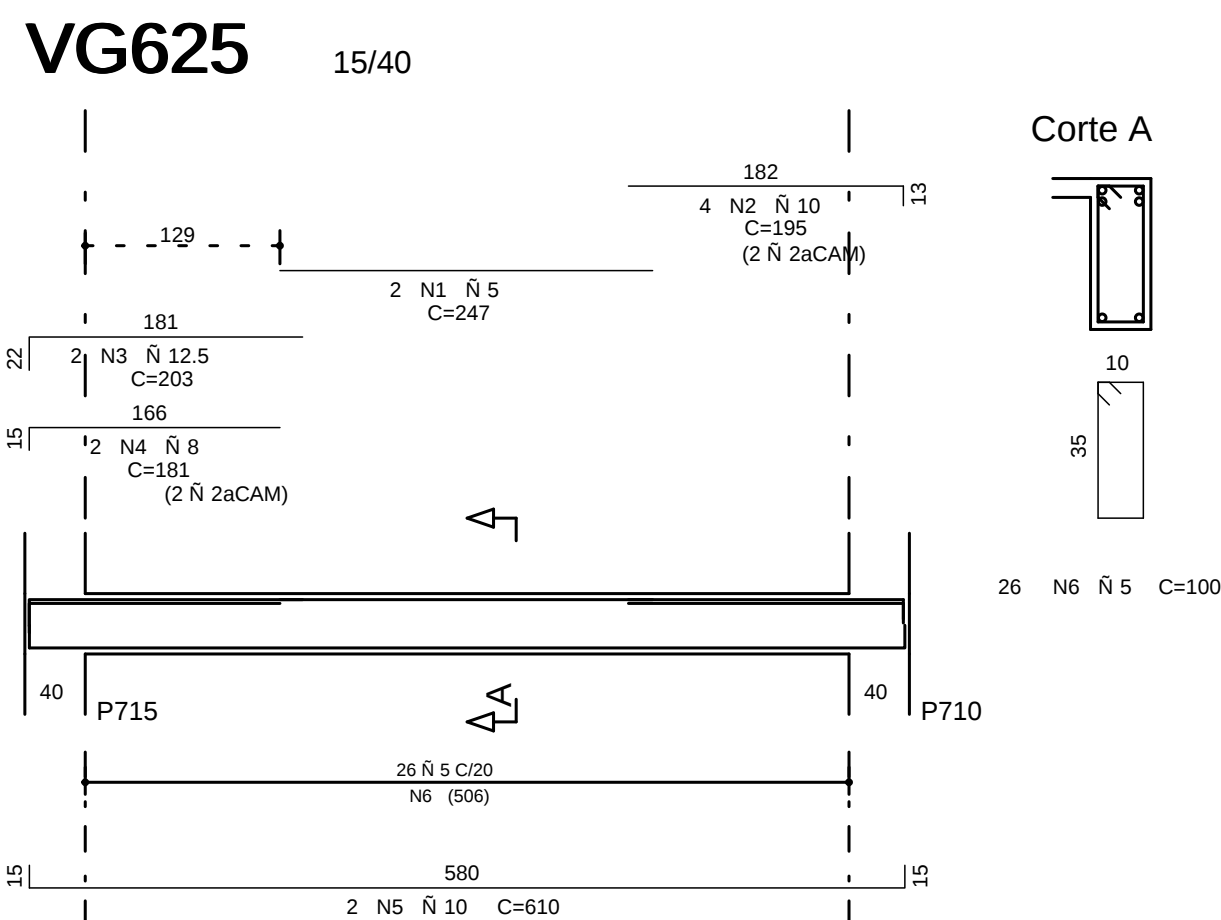




RESUMO A E O CA 50-60			
A E O	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	175	28
50A	6,3	344	86
50A	8	49	20
50A	10	146	92
50A	12,5	53	53
50A	16	79	126
50A	20	15	44
Peso Total	60B =	28 kg	
Peso Total	50A =	421 kg	

	AE O	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT	TOTAL
VG622	50A	1	12.5	2	302	124
	50A	2	16	2	114	1430
	50A	3	16	2	284	568
	50A	4	10	2	112	224
	50A	5	12.5	2	545	1090
	50A	6	6.3	2	175	350
	50A	8	6.3	3	153	499
	50A	8	6.3	3	150	490
VG623	50A	1	20	2	574	1148
	50A	2	10	2	454	1818
	50B	3	5	26	125	3150
	50B	4	5	4	476	1034
VG624	50A	1	16	2	174	1428
	50A	2	10	2	231	982
	50A	3	16	2	498	998
	50A	4	10	2	184	598
	50A	5	12.5	2	555	1110
	50A	6	6.3	2	227	454
	50A	8	6.3	3	153	499
	50A	8	6.3	3	151	470
VG625	50A	10	8	6	93	598
	50A	10	6.3	6	552	6545
	50B	2	10	4	247	494
	50B	3	5	26	125	3150
VG626	50A	4	12.5	2	181	392
	50A	6	10	2	181	392
	50A	6	10	2	181	392
	50A	6	5	26	100	2400
	50A	10	6.3	2	133	246
	50A	10	6.3	2	142	966
VG627	50A	3	10	2	133	246
	50A	3	10	2	133	246
	50A	3	10	2	133	246
	50A	3	10	2	224	448
	50A	3	10	2	224	448
	50A	7	20	2	303	606
	50A	7	20	2	297	514
	50A	9	10	2	458	1374
	50A	10	10	2	358	716
	50A	11	6.3	1	296	298
	50A	12	12.5	1	377	377
	50A	14	6.3	1	141	141
	50A	15	8	3	83	166
	50A	16	8	3	83	166
	50A	17	6.3	6	141	846
	50A	18	10	10	141	846
VG628	50A	20	6.3	2	120	240
	50A	20	6.3	2	71	284
	50A	23	6.3	4	83	166
	50A	23	8	3	83	166
	50A	25	6.3	6	141	846
	50A	26	10	10	141	846
	50A	27	16	3	144	432
	50A	28	6.3	6	141	846
	50A	29	8	2	88	176
	50A	30	8	2	88	176
VG629	50A	31	6.3	6	141	846
	50A	1	10	2	525	1050
	50A	2	10	2	513	1026
VG629	50A	3	6.3	2	130	260
	50B	1	5	2	233	466
	50B	2	10	4	203	812
	50B	4	10	2	296	1182
VG629	50A	1	6.3	2	153	306
	50A	2	10	2	407	814
	50A	2	10	2	366	732
	50A	4	5	16	138	2208
VSGE001	50A	1	12.5	2	216	432
	50A	2	10	2	142	284
	50A	3	6.3	6	150	750
	50A	4	6.3	6	148	740
	50A	5	6.3	6	148	740



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:
VG622 A VG629 E VSEG601

FCK= 30 MPa
EC = 26 GPa (MÓDULO DE ELASTICIDADE SECANTE AOS 28 DIAS).
A/C = 0,65 (FATOR AGUA CIMENTO)

0	21/10/2010	EMISSAO INICIAL	
REV	DATA	DESCRICAO	
 Simetria Engenharia SIA QUADRA A-2 NO S1 SALAS 201 A 203 BRASILIA DF CEP: 71200-045 FONE: (061) 309-9603 simetria@simetria.eng.br			
PROJETO ESTRUTURAL			
CLIENTE:		DISCO INCORPORADORA E IMOBILIARIA LTDA	
OBRAS:		EDIFICIO RESIDENCIAL OLYMPIQUE	No OBRA: 001
ENDEREÇO OBRA:		SRIA AREA ESPECIAL L04 DATES G e H - GUARA/DF	
DESCRIÇÃO: ARMAE AO DAS VIGAS DO 15o PAV TORRE D - JUNTA G (02/02)			DESENHO No: 343-XXX
DESENHISTA: TQS/ GUSTAVO	DATA: 21/10/2010	ESCALA: 1:50	UNIDADE cm
Arquivo PLT: 421 _EST_ 343-XXX _R00 _PLT		No PROJ.: SIMETRIA: 421	
PROPRIETARIO:		RESPONSÁVEL TECNICO	
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL			
SIMETRIA ENGENHARIA E PROJETOS S/C LTDA			
CREA-2725/RP			