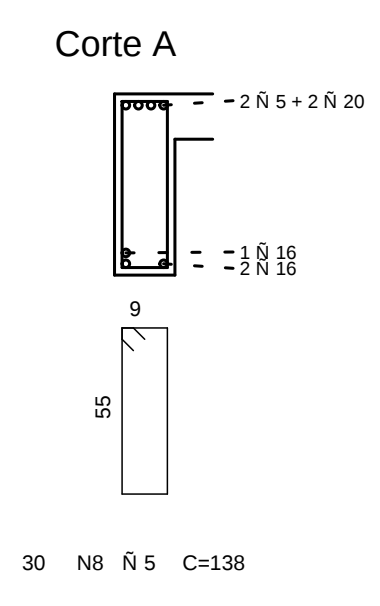
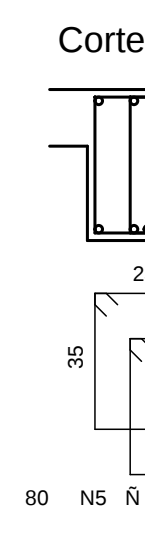
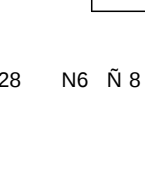
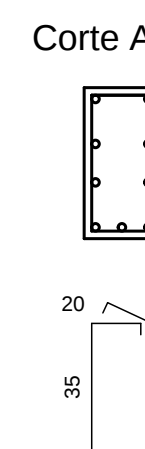
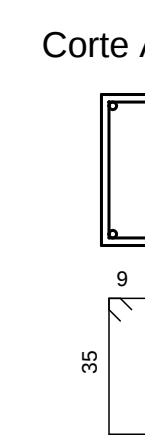
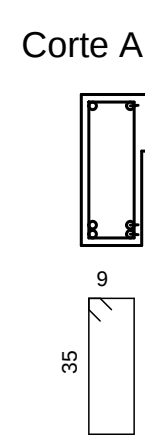
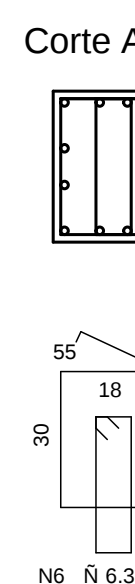
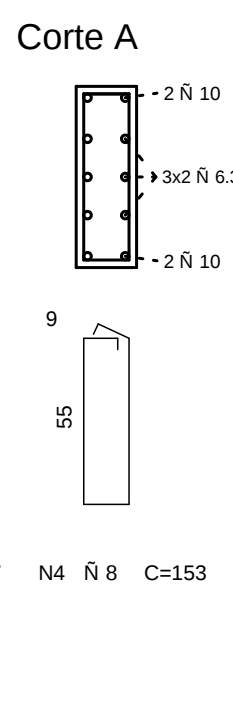
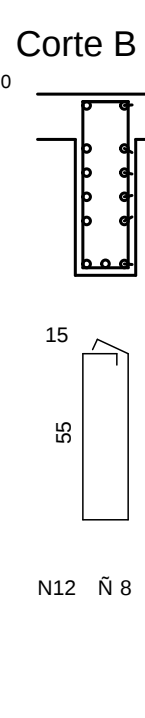
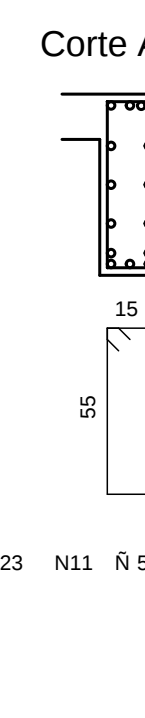
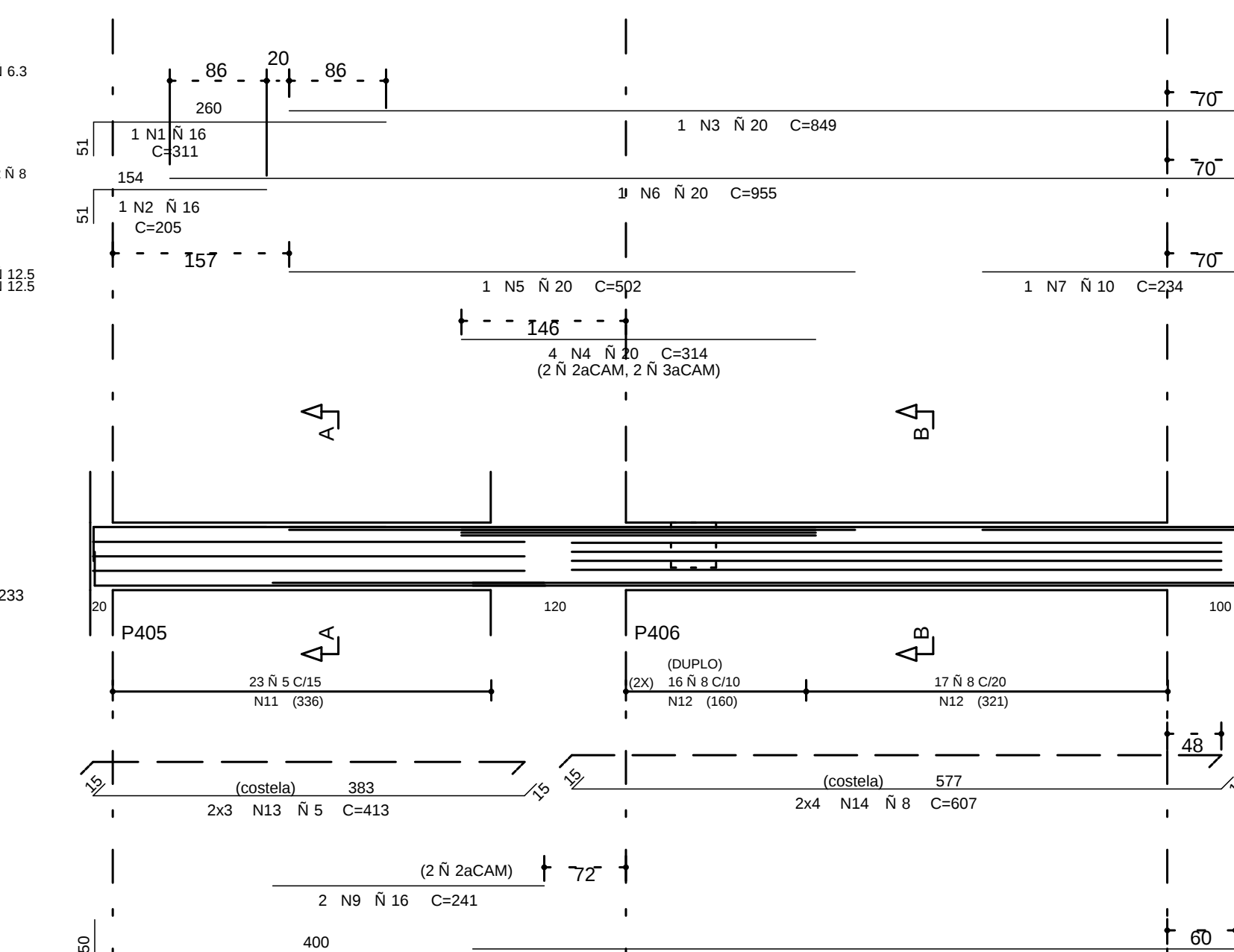
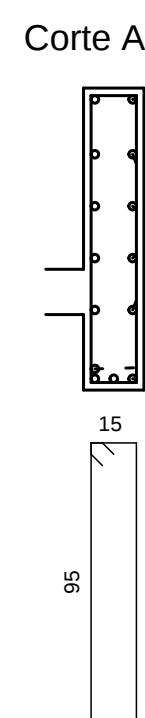
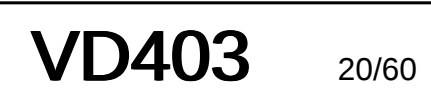
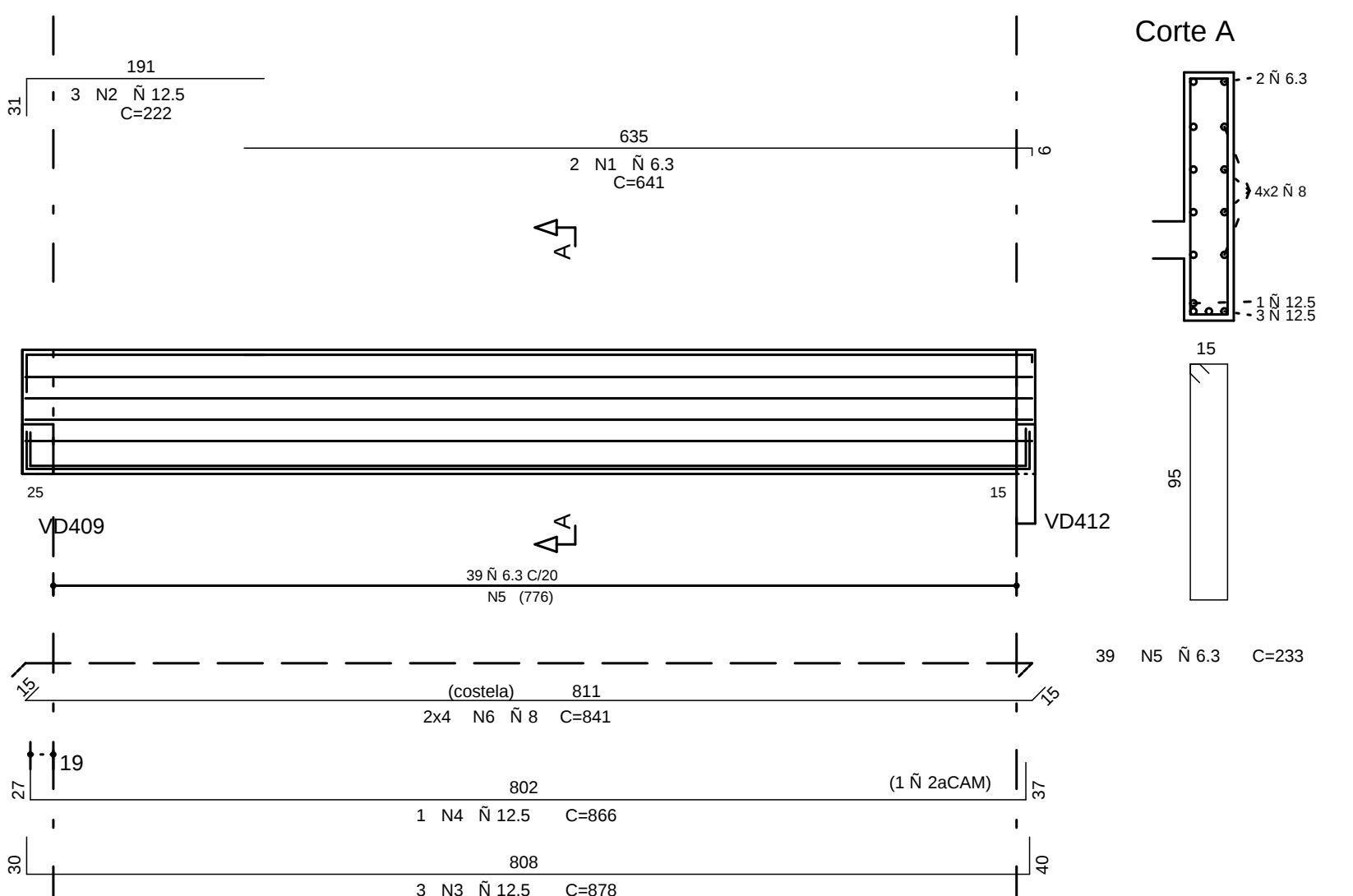
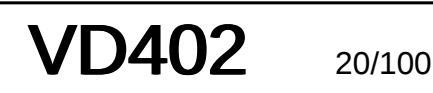
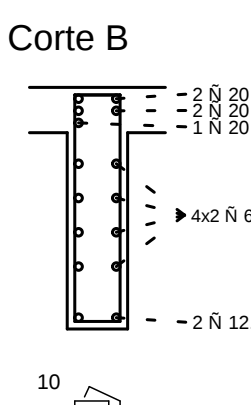
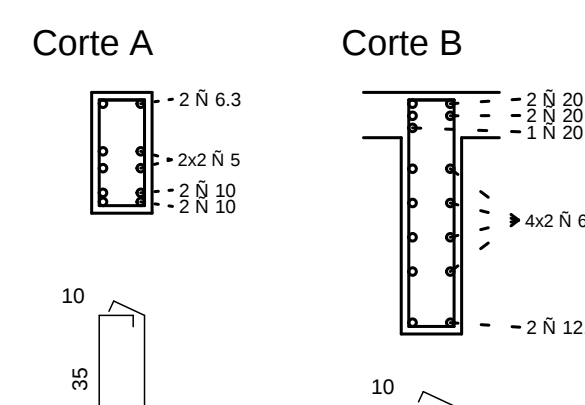
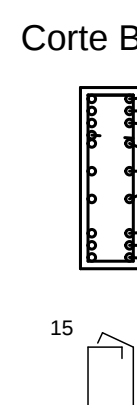
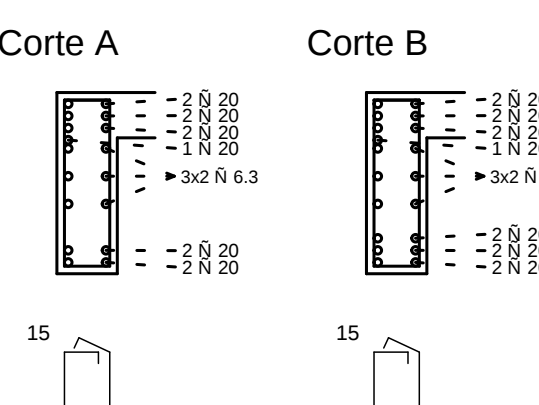
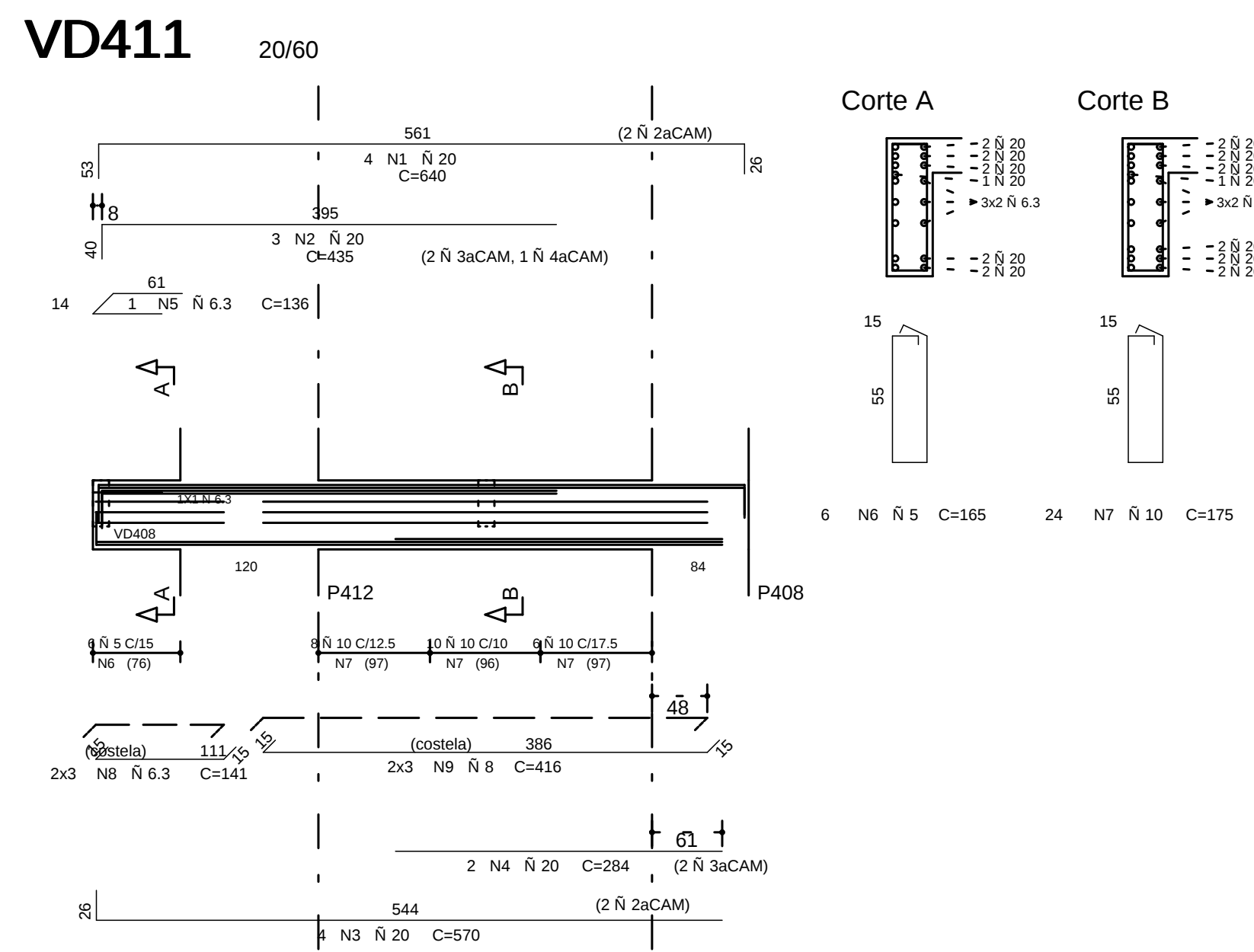
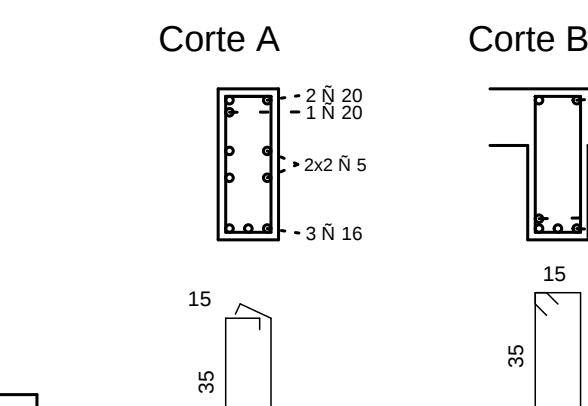
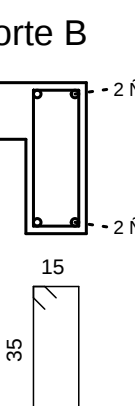
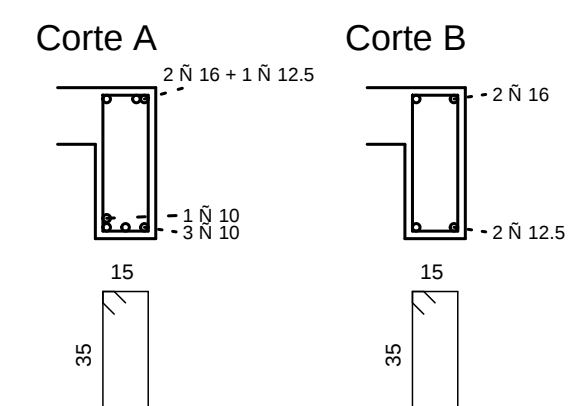
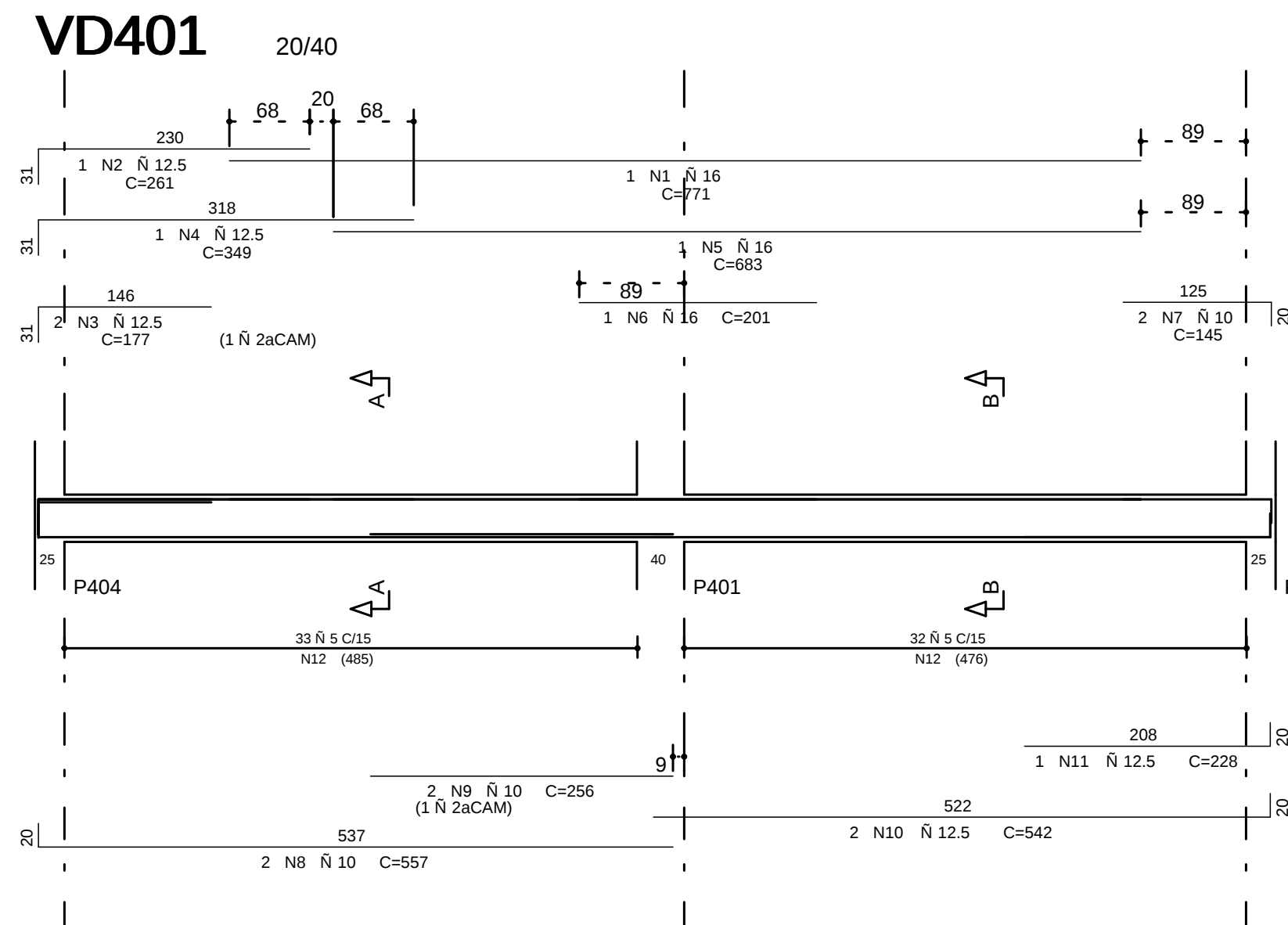


AEO	POS	BIT	QUANT	COMPONENT		AEO	POS	BIT	QUANT	COMPONENT					
				UNIT	TOTAL					UNIT	TOTAL				
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	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	9	12.5	2	177	SSA	9	10	4	128	SSB	9	10	4	128
	SSA	9	360	12	177	SSA	9	360	12	177	SSB	9	360	12	177
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	9	10	2	155	SSA	9	10	2	155	SSB	9	10	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	11	10	2	155	SSA	11	10	2	155	SSB	11	10	2	155
VD002	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD003	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD004	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
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	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD005	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
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	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD006	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
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	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD007	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
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	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD008	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD009	SSA	1	18	1	772	SSA	1	10	2	106	SSB	1	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	9	12.5	2	177	SSA	9	10	4	128	SSB	9	10	4	128
	SSA	9	360	12	177	SSA	9	360	12	177	SSB	9	360	12	177
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	9	10	2	155	SSA	9	10	2	155	SSB	9	10	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	11	10	2	155	SSA	11	10	2	155	SSB	11	10	2	155
VD010	SSA	2	18	2	1544	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	2	12.5	2	154	SSA	2	10	2	106	SSB	2	10	2	106
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
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	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
	SSA	4	12.5	18	980	SSA	4	20	2	266	SSB	4	20	2	266
VD011	SSA	1	18	1	772	SSA	1	10	2	106	SSB	1	10	2	106
	SSA	2	18	2	1544	SSA	2	10	2	212	SSB	2	10	2	212
	SSA	9	12.5	2	177	SSA	9	10	4	128	SSB	9	10	4	128
	SSA	9	360	12	177	SSA	9	360	12	177	SSB	9	360	12	177
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	6	10	1	600	SSA	6	10	1	262	SSB	6	10	1	262
	SSA	9	10	2	155	SSA	9	10	2	155	SSB	9	10	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	10	12.5	2	155	SSA	10	12.5	2	155	SSB	10	12.5	2	155
	SSA	11	10	2	155	SSA	11	10	2	155	SSB	11	10	2	155
VD012	SSA	1	18	1	772	SSA	1	10	2	106	SSB	1	10	2	106
	SSA	2	18	2	1544	SSA</									

Corte A

2 x R 8

2 x R 6.3

3 x R 16

RESUMO AEO CA. 50-60			
AEO	BIT (mm)	COMPR (mm)	PESO (kg)
606	5	448	76
50A	6,3	399	100
50A	8	349	136
50A	10	299	160
50A	12,5	117	117
50A	16	201	322
50A	20	209	322
Peso Total: 606 =			76 kg
Peso Total: 50A =			1.205 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.
- 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

FCK= 35 MPa

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

$$A/C = 0.65$$

1	09/11/2020	REVISAO VIGIA VD42	
0	04/10/2020	EMISSAO INICIAL	
REV	DATA	DESCRICAO	
 Simetria Engenharia SA GUARARA - RQ N°13 SALAS 201 e 202 BRASILIA DF - CEP: 71200-040 FONE: (061) 3339-6833 SIMETRIA@SIMETRIA-ENG.BR			
PROJETO ESTRUTURAL			
CLIENTE:		DISCO INCORPORADORA E IMOBILIARIA LDTA	
OBRA:		EDIFICIO RESIDENCIAL OLIMPIQUE	No OBRA:
ENDERECO OBRA: SRJA AREA ESPECIAL, 04, LOTES G e H, GUARA-DF			
DESCRICAO:		DESENHO N°:	
ARMAE I O DE VIGAS - TORRE B - JUND A		354-XXX	
VIGAS DO PAVIMENTO MEZANINO			
DESENHISTA:	DATA:	ESCALA:	UNIDADE:
TQS/ J HENRIQUE	04/10/2020	1:50	CM
ARQUIVO FLE:		No PROJ. SIMETRIA:	
421 - EST-354-XXX - R01 - PLT		421	
PROPRIETARIO:	RESPONSABIL TECNICO		
RESPONSABIL TECNICO PELO PROJETO ESTRUTURAL			
SIMETRIA ENGENHARIA E PROJETOS S/C LTDA CREA-27258/P			