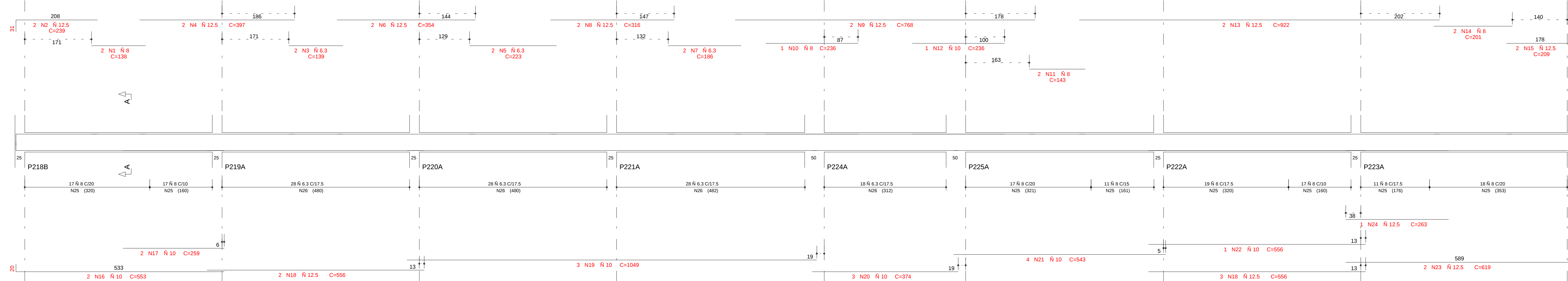
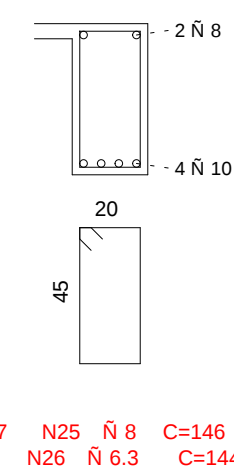


VD501

25/50



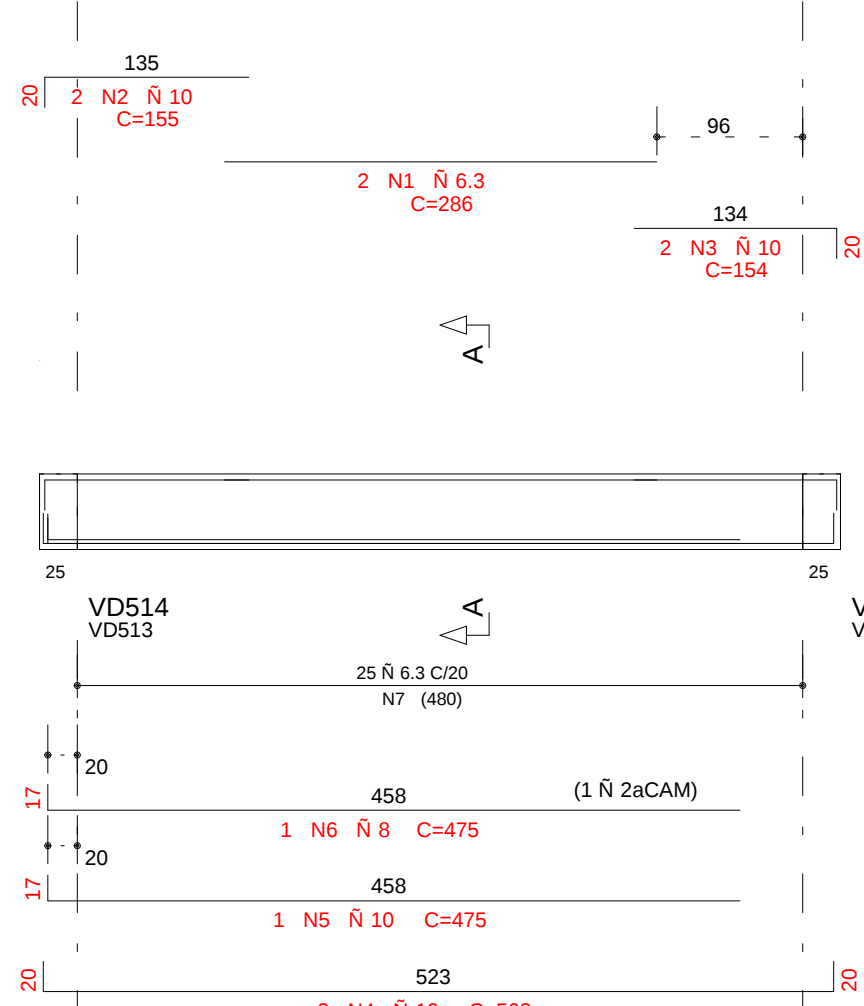
Corte A



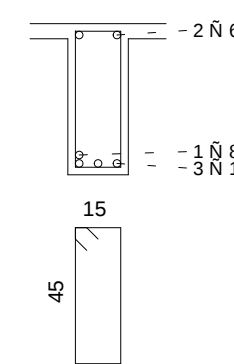
127 N25 R 8 C=146
102 N26 R 6.3 C=144

VD502/VD508

20/50



Corte A

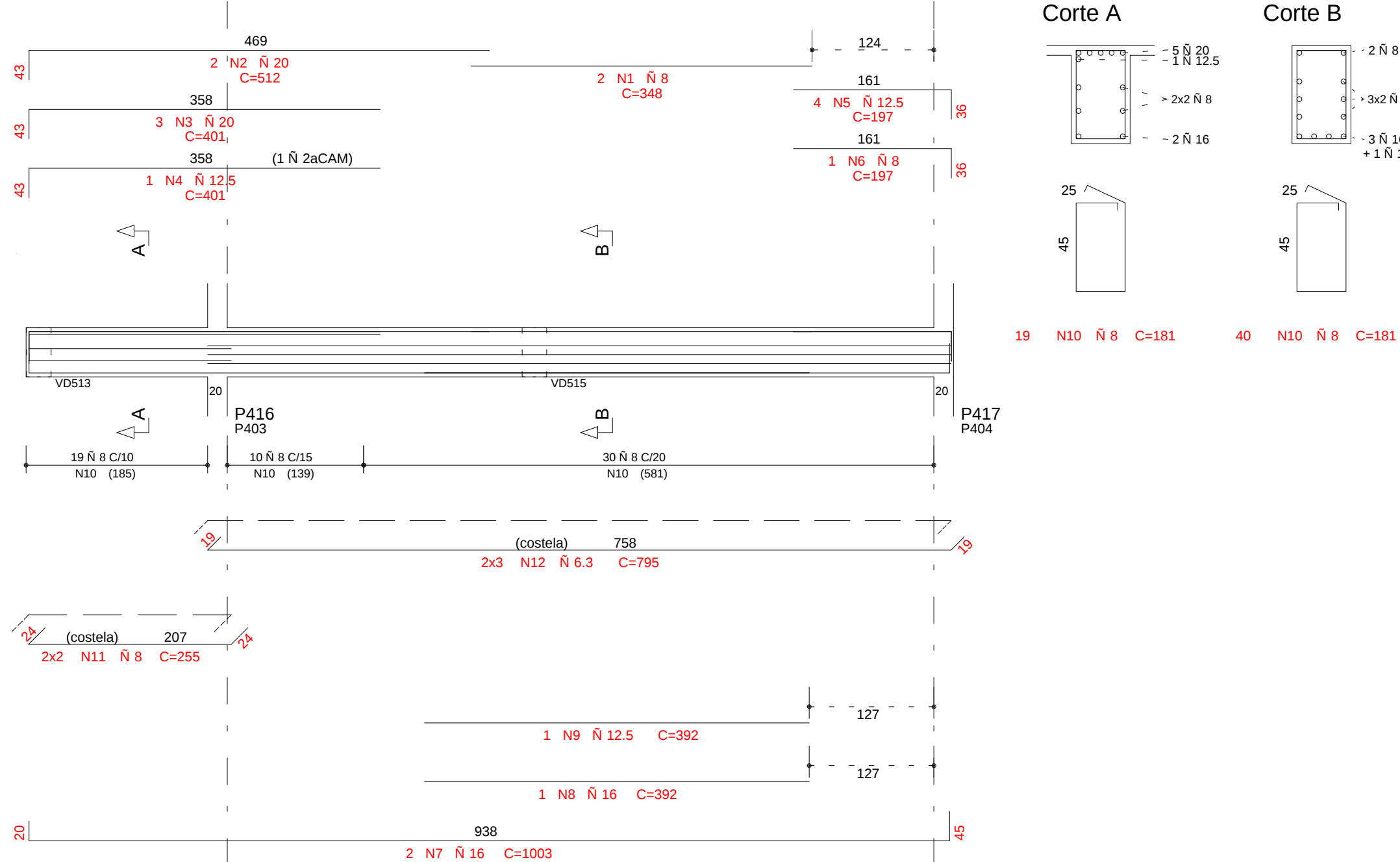


25 N7 R 6.3 C=134

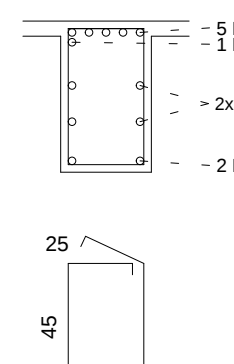
AE O	POS	BIT	QUANT	COMPRIMENTO	TOTAL
UNIT	UNIT	UNIT	UNIT	UNIT	UNIT
VD501	1	1.5	2	138	176
VD501	2	1.5	2	138	176
VD501	3	1.5	2	138	176
VD501	4	1.5	2	138	176
VD501	5	1.5	2	138	176
VD501	6	1.5	2	138	176
VD501	7	1.5	2	138	176
VD501	8	1.5	2	138	176
VD501	9	1.5	2	138	176
VD501	10	1.5	2	138	176
VD501	11	1.5	2	138	176
VD501	12	1.5	2	138	176
VD501	13	1.5	2	138	176
VD501	14	1.5	2	138	176
VD501	15	1.5	2	138	176
VD501	16	1.5	2	138	176
VD501	17	1.5	2	138	176
VD501	18	1.5	2	138	176
VD501	19	1.5	2	138	176
VD501	20	1.5	2	138	176
VD501	21	1.5	2	138	176
VD501	22	1.5	2	138	176
VD501	23	1.5	2	138	176
VD501	24	1.5	2	138	176
VD501	25	1.5	2	138	176
VD501	26	1.5	2	138	176
VD501	27	1.5	2	138	176
VD501	28	1.5	2	138	176
VD501	29	1.5	2	138	176
VD501	30	1.5	2	138	176
VD501	31	1.5	2	138	176
VD501	32	1.5	2	138	176
VD501	33	1.5	2	138	176
VD501	34	1.5	2	138	176
VD501	35	1.5	2	138	176
VD501	36	1.5	2	138	176
VD501	37	1.5	2	138	176
VD501	38	1.5	2	138	176
VD501	39	1.5	2	138	176
VD501	40	1.5	2	138	176
VD501	41	1.5	2	138	176
VD501	42	1.5	2	138	176
VD501	43	1.5	2	138	176
VD501	44	1.5	2	138	176
VD501	45	1.5	2	138	176
VD501	46	1.5	2	138	176
VD501	47	1.5	2	138	176
VD501	48	1.5	2	138	176
VD501	49	1.5	2	138	176
VD501	50	1.5	2	138	176
VD501	51	1.5	2	138	176
VD501	52	1.5	2	138	176
VD501	53	1.5	2	138	176
VD501	54	1.5	2	138	176
VD501	55	1.5	2	138	176
VD501	56	1.5	2	138	176
VD501	57	1.5	2	138	176
VD501	58	1.5	2	138	176
VD501	59	1.5	2	138	176
VD501	60	1.5	2	138	176
VD501	61	1.5	2	138	176
VD501	62	1.5	2	138	176
VD501	63	1.5	2	138	176
VD501	64	1.5	2	138	176
VD501	65	1.5	2	138	176
VD501	66	1.5	2	138	176
VD501	67	1.5	2	138	176
VD501	68	1.5	2	138	176
VD501	69	1.5	2	138	176
VD501	70	1.5	2	138	176
VD501	71	1.5	2	138	176
VD501	72	1.5	2	138	176
VD501	73	1.5	2	138	176
VD501	74	1.5	2	138	176
VD501	75	1.5	2	138	176
VD501	76	1.5	2	138	176
VD501	77	1.5	2	138	176
VD501	78	1.5	2	138	176
VD501	79	1.5	2	138	176
VD501	80	1.5	2	138	176
VD501	81	1.5	2	138	176
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VD501	83	1.5	2	138	176
VD501	84	1.5	2	138	176
VD501	85	1.5	2	138	176
VD501	86	1.5	2	138	176
VD501	87	1.5	2	138	176
VD501	88	1.5	2	138	176
VD501	89	1.5	2	138	176
VD501	90	1.5	2	138	176
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VD501	93	1.5	2	138	176
VD501	94	1.5	2	138	176
VD501	95	1.5	2	138	176
VD501	96	1.5	2	138	176
VD501	97	1.5	2	138	176
VD501	98	1.5	2	138	176
VD501	99	1.5	2	138	176
VD501	100	1.5	2	138	176

VD503/VD506

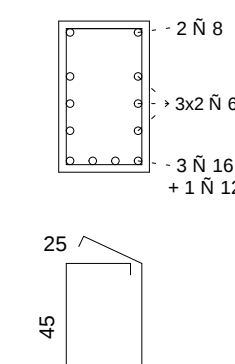
30/50



Corte A

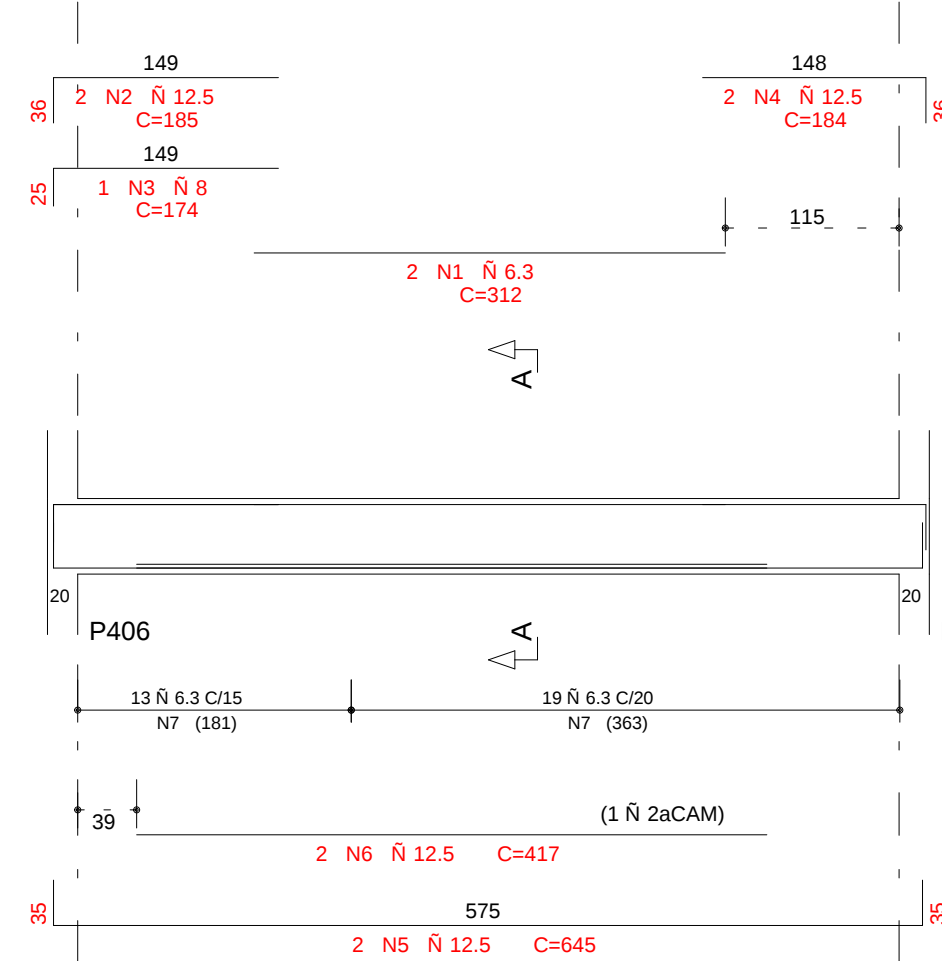


Corte B

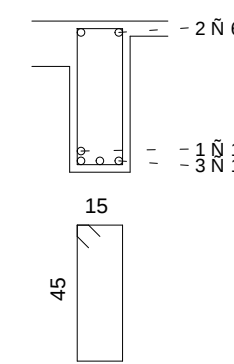


VD504

20/50

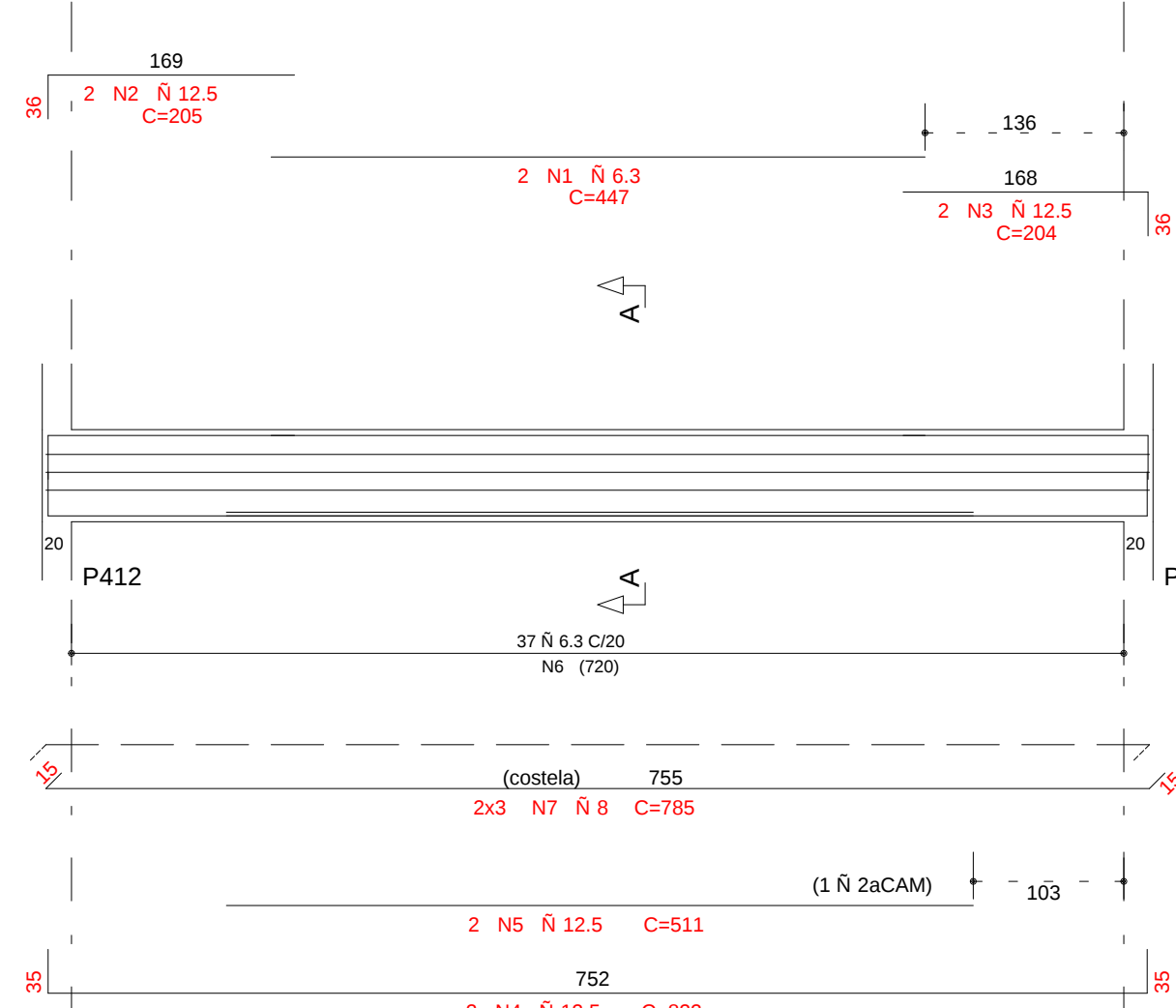


Corte A

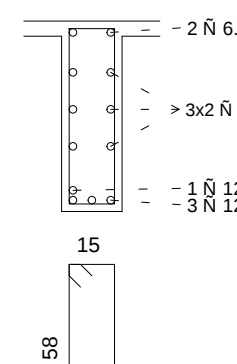


VD505

20/63

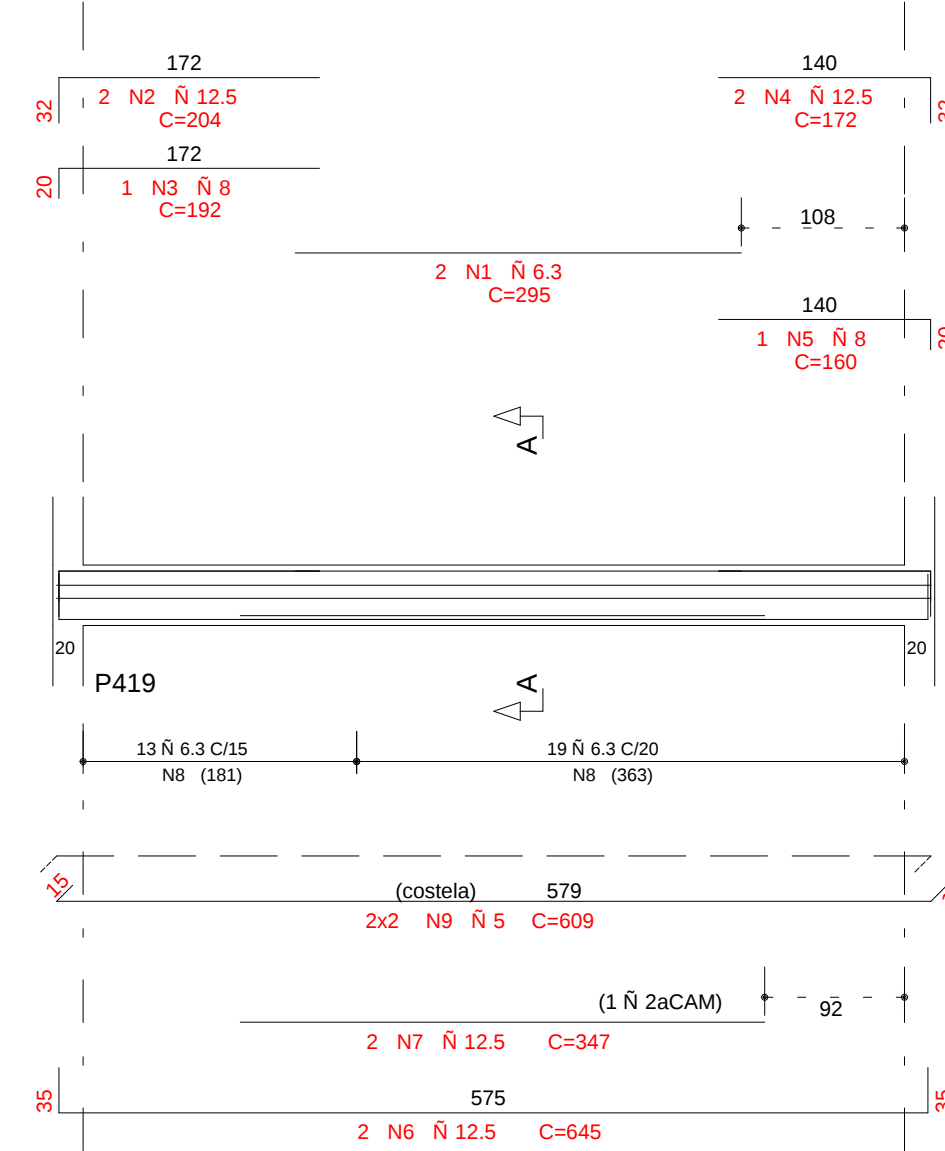


Corte A

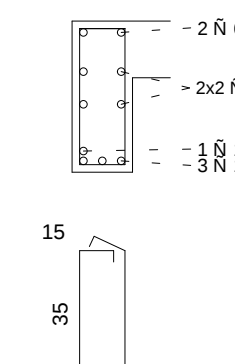


VD507

20/40

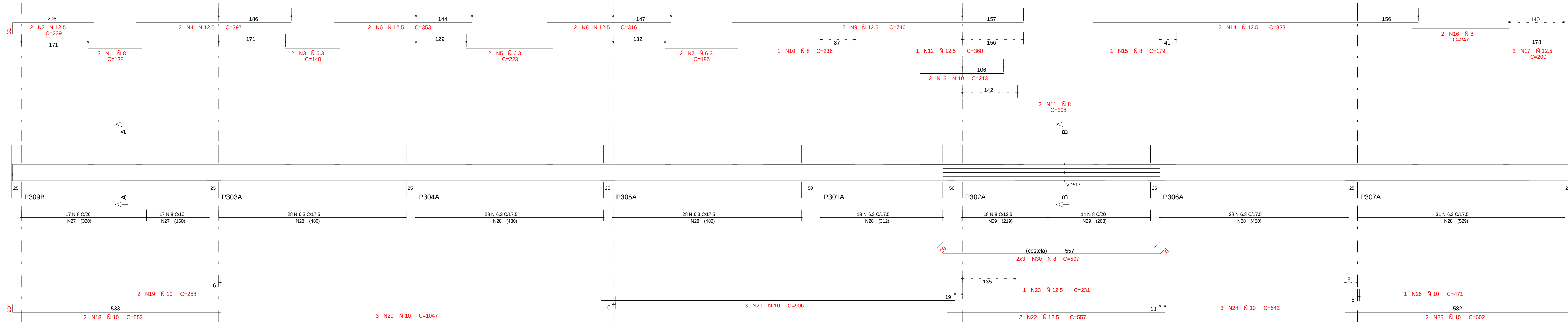


Corte A

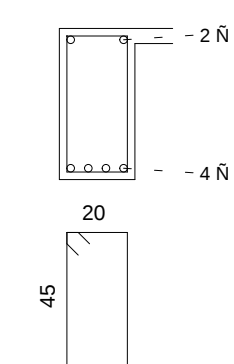


VD509

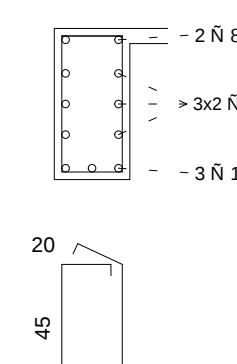
25/50



Corte A



Corte B

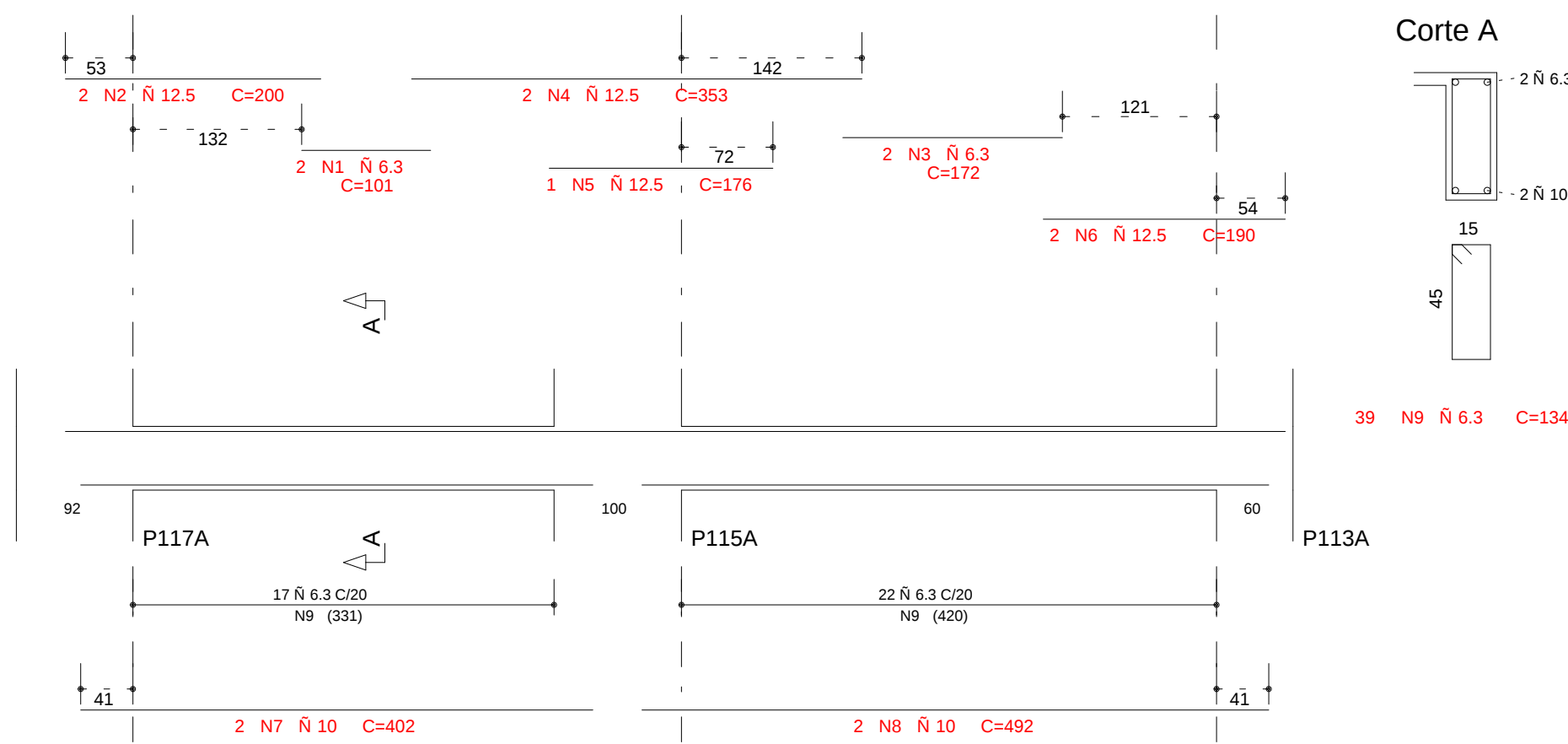


34 N27 R 8 C=146
161 N28 R 6.3 C=144

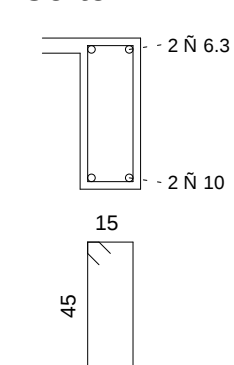
32 N29 R 8 C=166

VD510

20/50

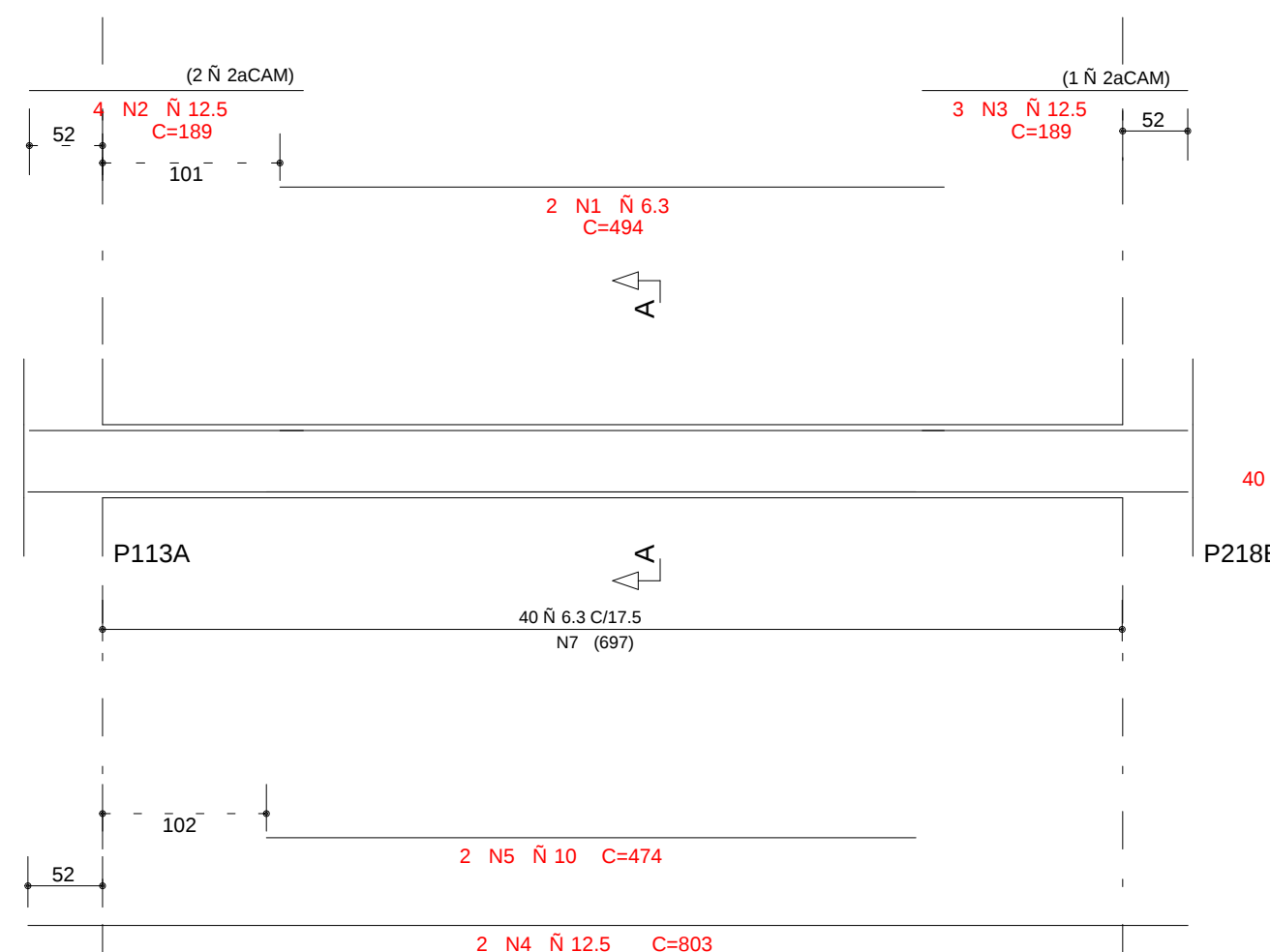


Corte A

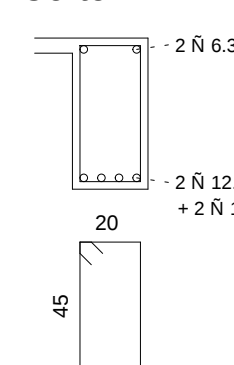


VD511

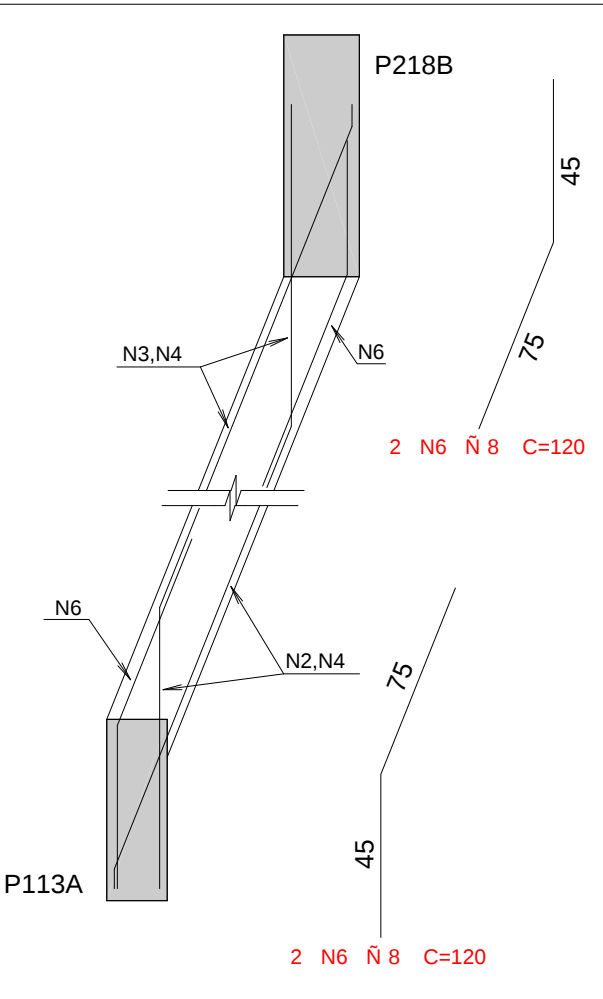
25/50



Corte A

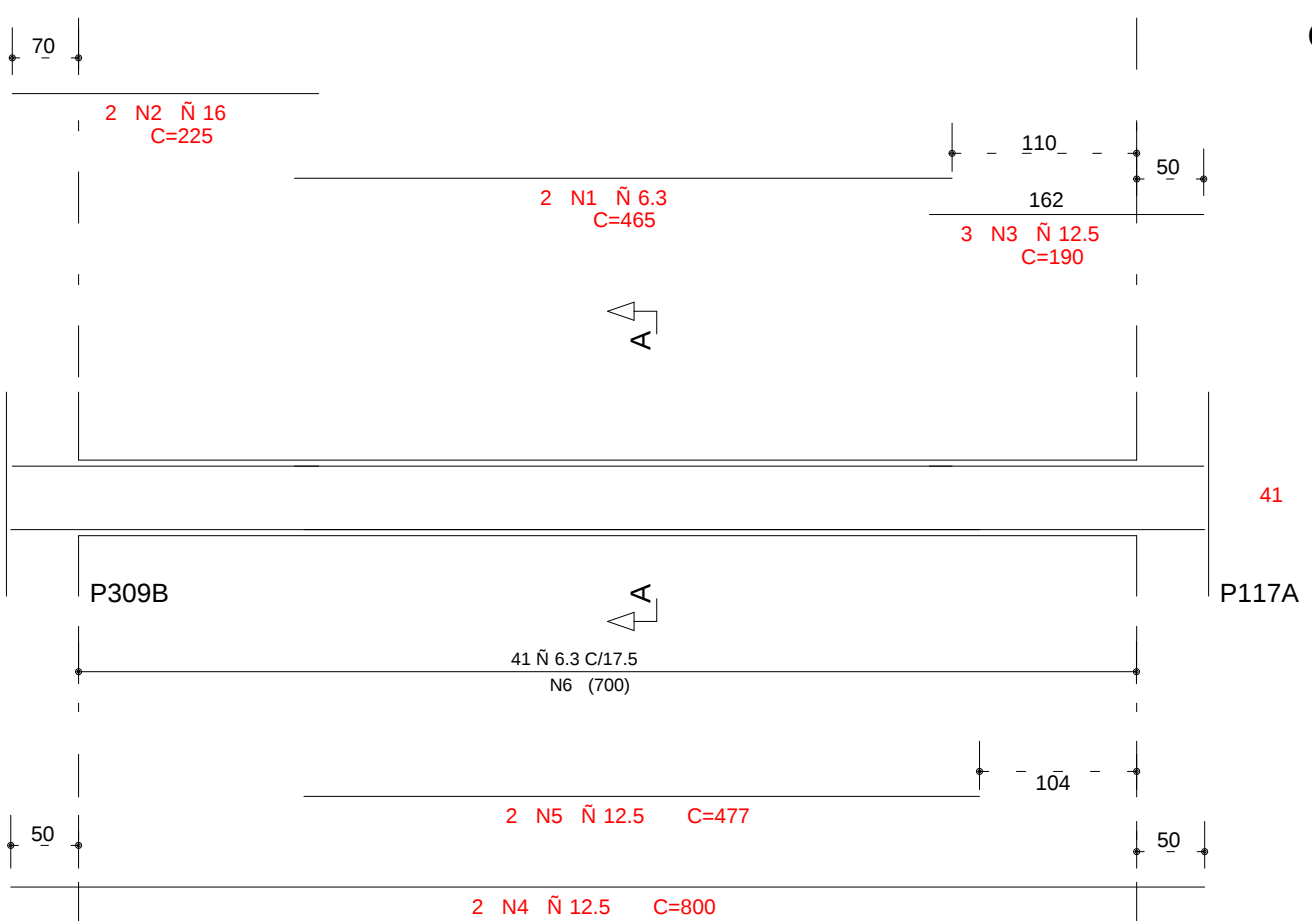


DETALHE VISTA EM PLANTA

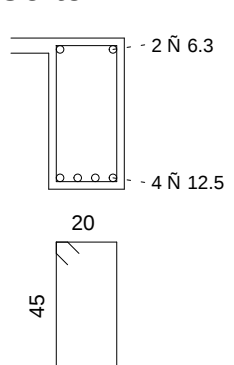


VD512

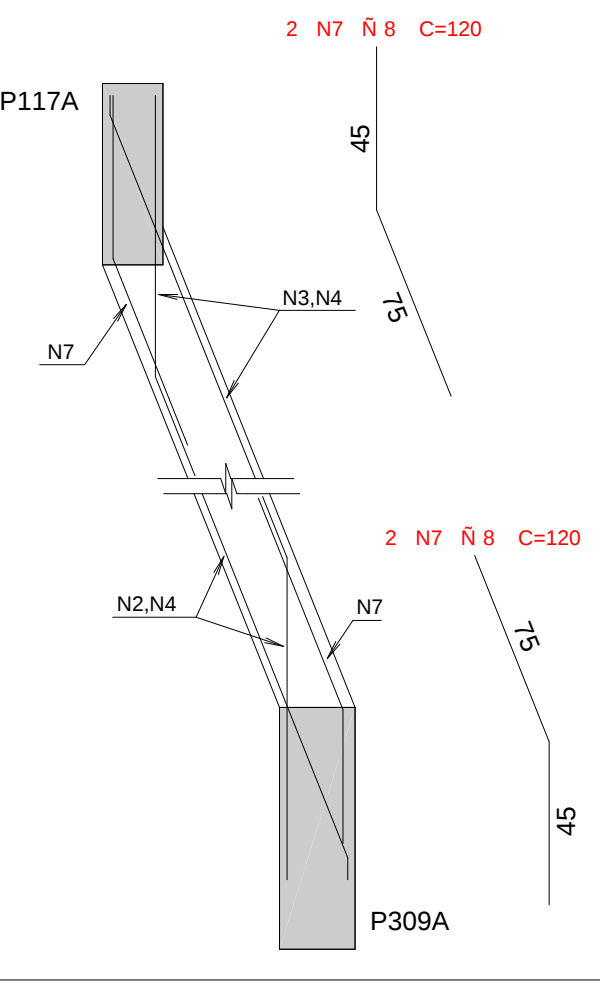
25/50



Corte A



DETALHE VISTA EM PLANTA



COBRIMENTO DA ARMADURA:

- LAJES = 2.0 cm
- VIGAS E PILARES = 2.5 cm
- BLOCOS, BALDAQUES E CONTENEDORES (FACE EM CONTATO COM A TERRA) = 3.0 cm

1. ESSES COBRIMENTOS DEVEM SER GARANTIDOS COM O USO DE ESPALHADORES DE PASTILHAS.

COBRIMENTOS ESPECÍFICOS EM CONTRÁRIO AOS VALORES INDICADOS ACIMA, ESTÃO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

NORMAS UTILIZADAS:

- NBR-6118/2003 - PROJETO E EXECUÇÃO DE OBRAS DE CONCRETO ARMADO
- NBR-6120/1980 - CARGAS PARA O CÁLCULO DE ESTRUTURAS DE EDIFICAÇÕES

INDICE:

VD501 A VD512

FCK= 35 MPa

EC = 28 GPa

A/C = 0,65

(MÓDULO DE ELASTICIDADE SECANTE AOS 28 DIAS)

(FATOR AGUA CIMENTO)

REV	DATA	DESCRIÇÃO
1	02/09/2014	NUMERAÇÃO FINAL
0	06/05/2013	EMIÇÃO INICIAL
Simetria Engenharia Projeto Estrutural		
PROJETO ESTRUTURAL		
CLIENTE: GENT INCORPORADORA LTDA. OBRA: ED. RESIDENCIAL/COMERCIAL PAINEIRAS ENDEREÇO OBRA: RUA 30 NORTE LOTE 03 - RUA DAS PAINEIRAS - AGUAS CLARAS DE		
PROPOSTA: ARMACAO DAS VIGAS - EMBASAMENTO - JUNTA D		RESPOSTA: BL4
DATA: 06/05/2013		ESCALA: 1:50
UNIDADE: CM		Nº PROJ. SIMETRIA: 478
PROPRIETÁRIO: 032-052 - R01 - VIG.PLT		
RESPONSÁVEL TÉCNICO:		
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL:		
SIMETRIA ENGENHARIA E PROJETOS S/C LTDA		