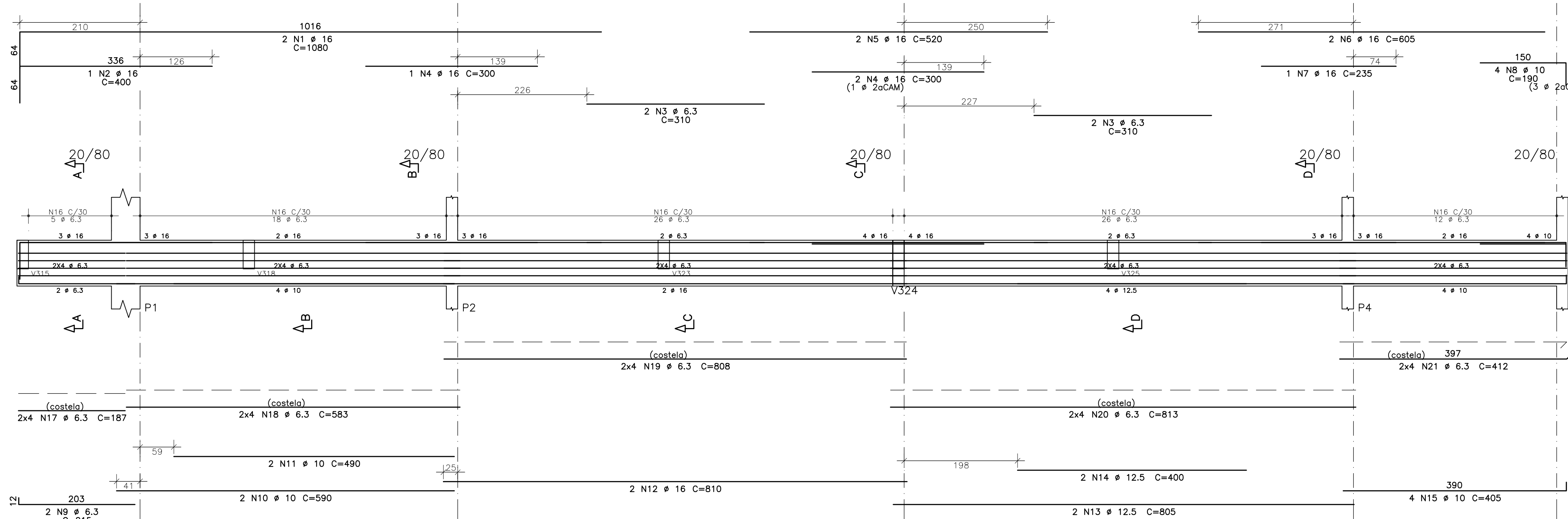
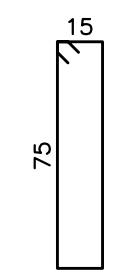
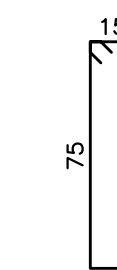
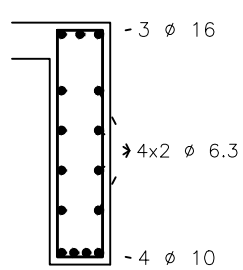
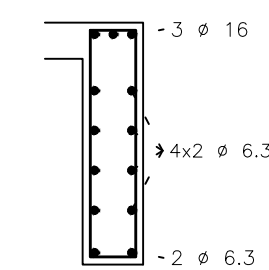


V301



Corte A

Corte B

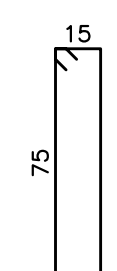
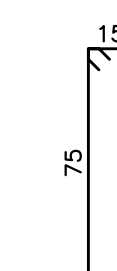
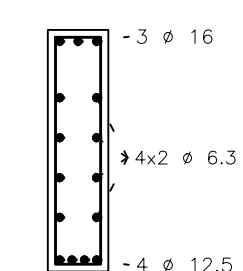
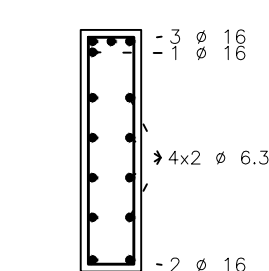


5 N16 Ø 6.3 C=194

30 N16 Ø 6.3 C=194

Corte C

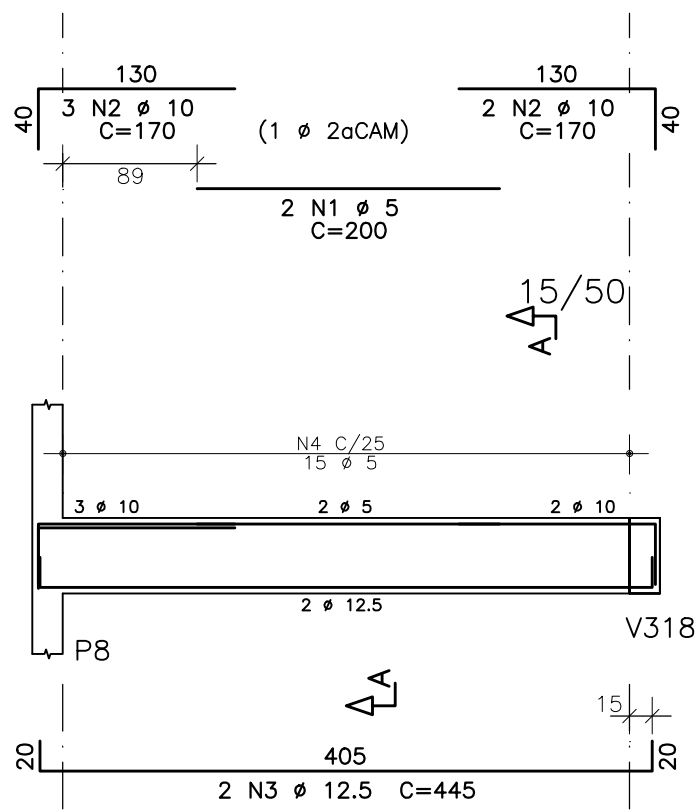
Corte D



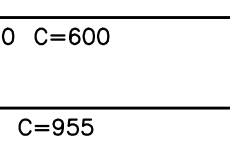
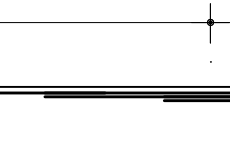
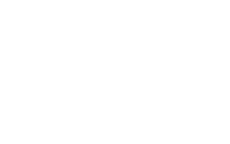
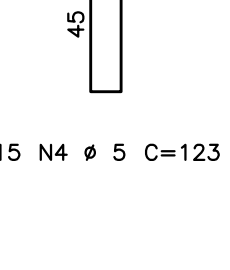
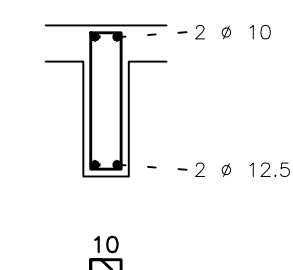
26 N16 Ø 6.3 C=194 26 N16 Ø 6.3 C=194

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO		
				UNIT (cm)	TOTAL (cm)	
V301						
	50A	1	16	2	1080	2160
	50A	2	16	1	400	400
	50A	3	6.3	4	310	1240
	50A	4	16	3	300	900
	50A	5	16	2	520	1040
	50A	6	16	2	605	1210
	50A	7	16	1	235	235
	50A	8	10	4	190	760
	50A	9	6.3	2	215	430
	50A	10	10	2	590	1180
	50A	11	10	2	490	980
	50A	12	16	2	810	1620
	50A	13	12.5	2	805	1610
	50A	14	12.5	2	400	800
	50A	15	10	4	405	1620
	50A	16	6.3	87	194	16878
	50A	17	6.3	8	187	1496
	50A	18	6.3	8	583	4664
	50A	19	6.3	8	808	6464
	50A	20	6.3	8	813	6504
	50A	21	6.3	8	412	3296
V302						
	60A	1	5	2	200	400
	50A	2	10	5	170	850
	50A	3	12.5	2	445	890
	60A	4	5	15	123	1845
V303						
	50A	1	10	2	450	900
	50A	2	10	3	395	1185
	60A	3	5	14	123	1722
V304						
	50A	1	6.3	2	330	660
	50A	2	20	6	490	2940
	50A	3	10	4	170	680
	50A	4	12.5	2	130	260
	50A	5	6.3	2	205	410
	50A	6	16	2	720	1440
	50A	7	16	2	625	1250
	50A	8	6.3	22	134	2948
	50A	9	10	11	137	1507
	50A	10	8	6	135	810
	60A	11	5	17	133	2261
V305						
	50A	1	8	2	435	870
	50A	2	12.5	3	190	570
	50A	3	8	2	425	850
	50A	4	20	4	560	2240
	50A	5	20	3	415	1245
	50A	6	16	2	215	430
	50A	7	20	3	955	2865
	50A	8	20	2	600	1200
	50A	9	20	3	925	2775
	50A	10	20	2	610	1220
	50A	11	8	97	135	13095
V306						
	50A	1	10	3	360	1080
	50A	2	10	2	315	630
	60A	3	5	11	123	1353
V307						
	50A	1	10	3	245	735
	50A	2	6.3	2	175	350
	60A	3	5	6	143	858
	50A	4	6.3	4	159	636

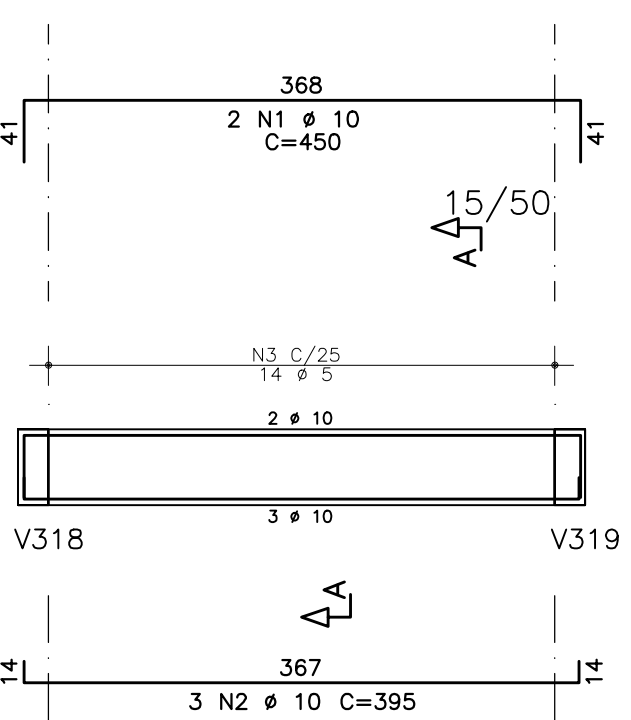
V302



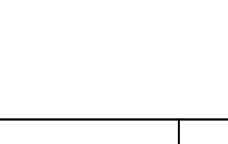
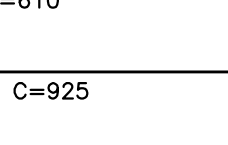
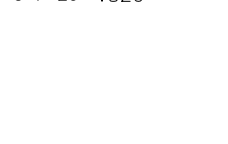
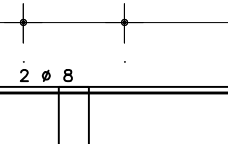
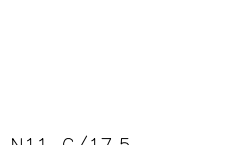
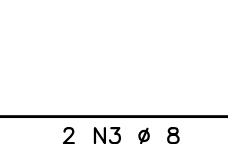
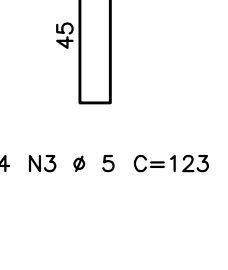
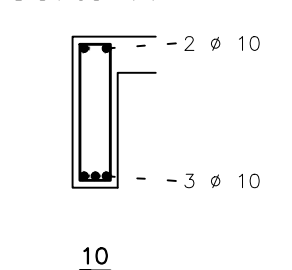
Corte A



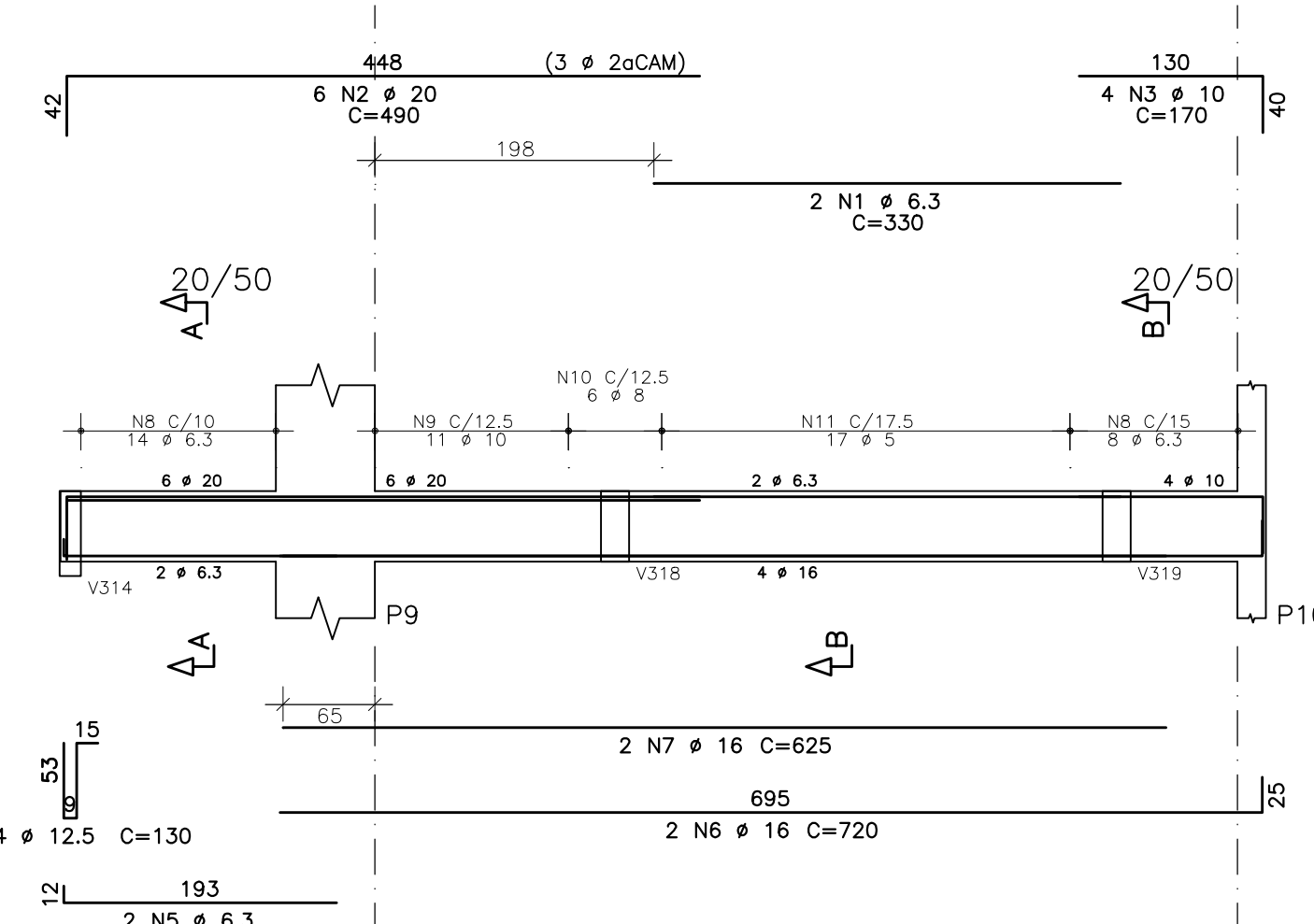
V303



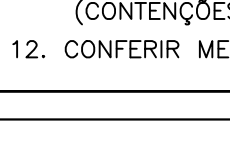
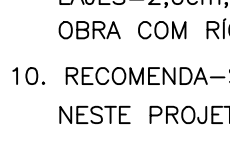
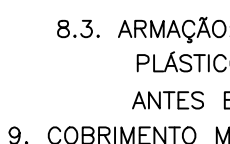
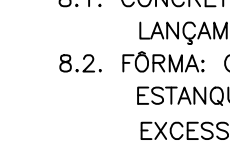
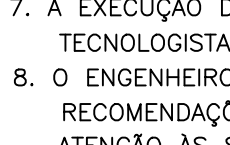
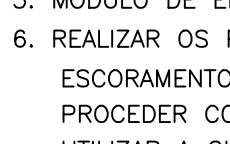
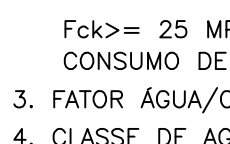
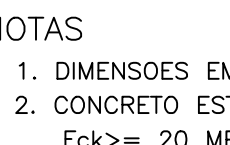
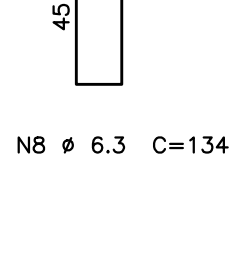
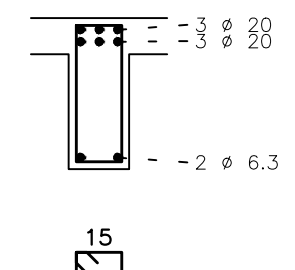
Corte A



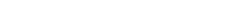
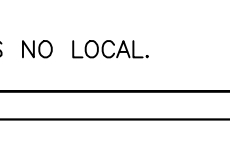
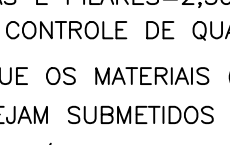
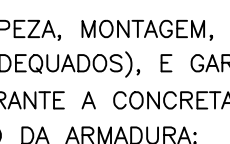
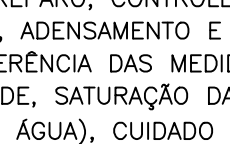
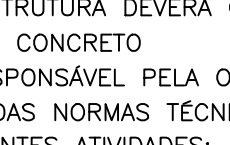
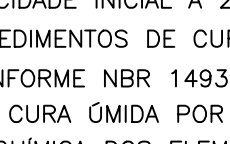
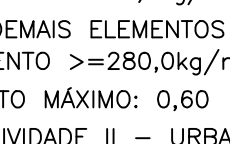
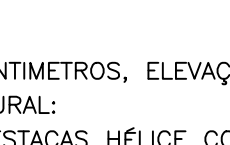
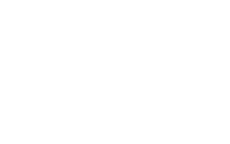
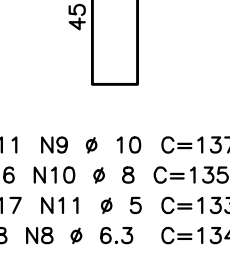
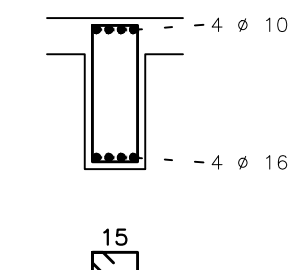
V304



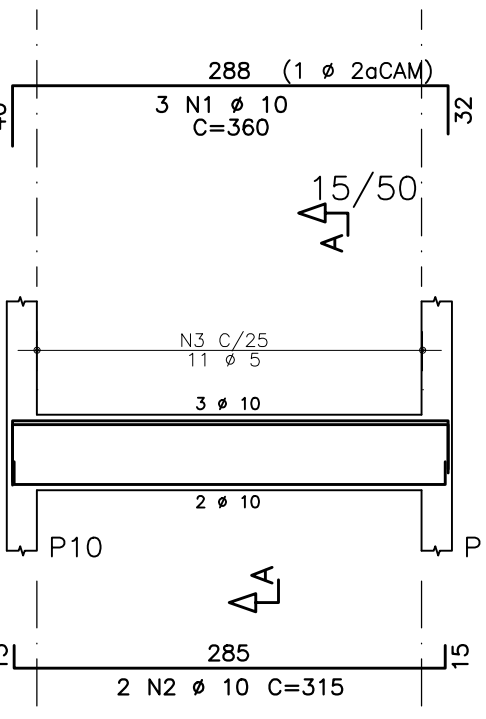
Corte A



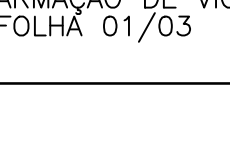
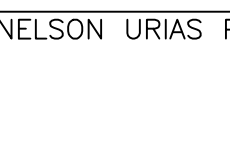
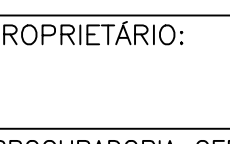
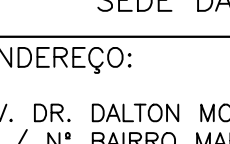
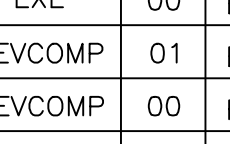
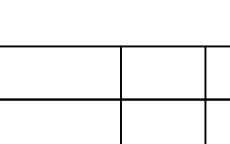
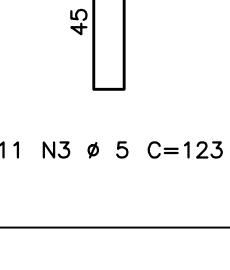
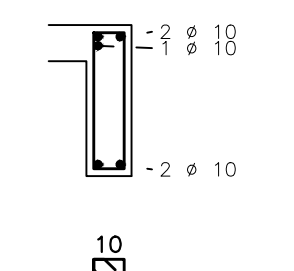
Corte B



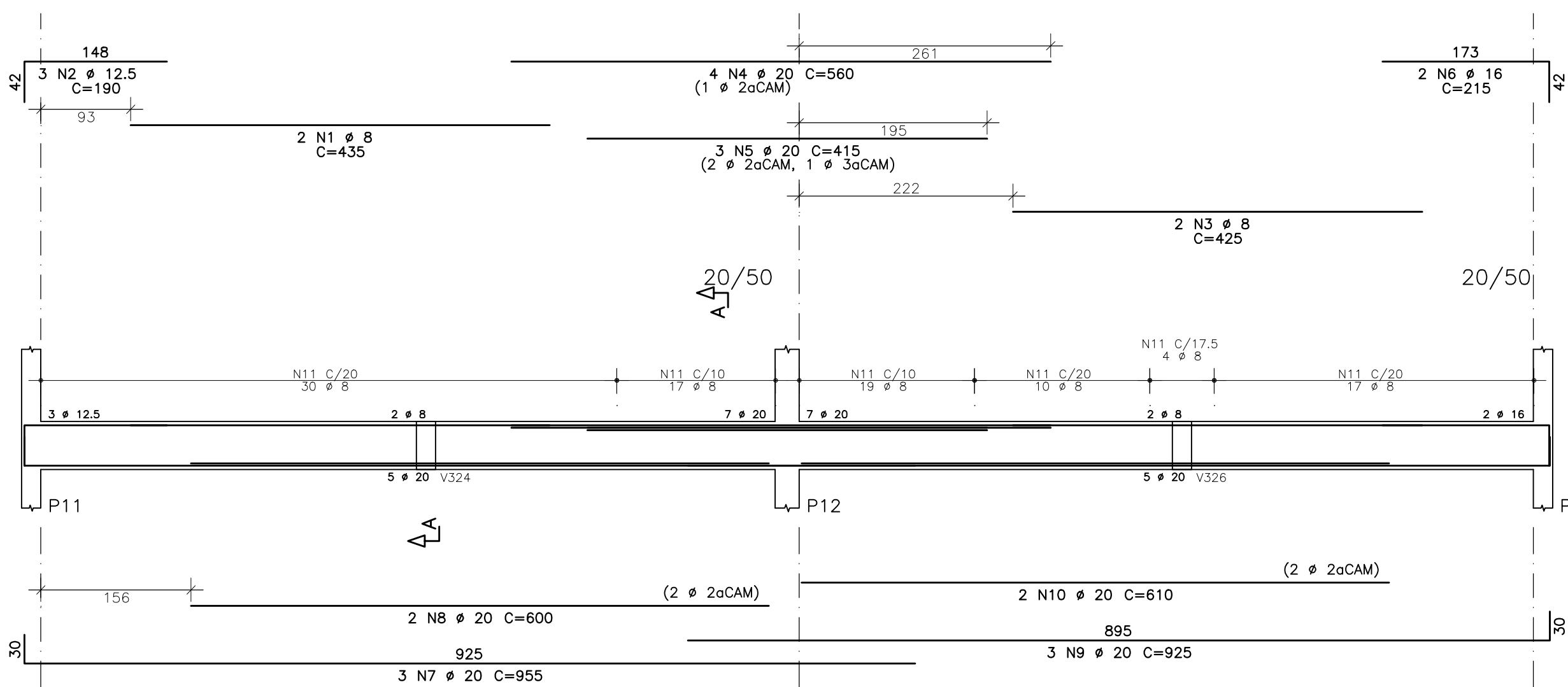
V306



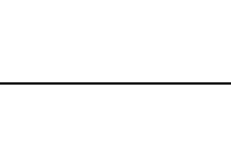
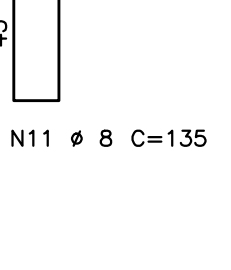
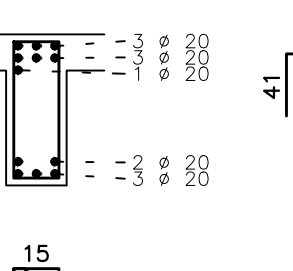
Corte A



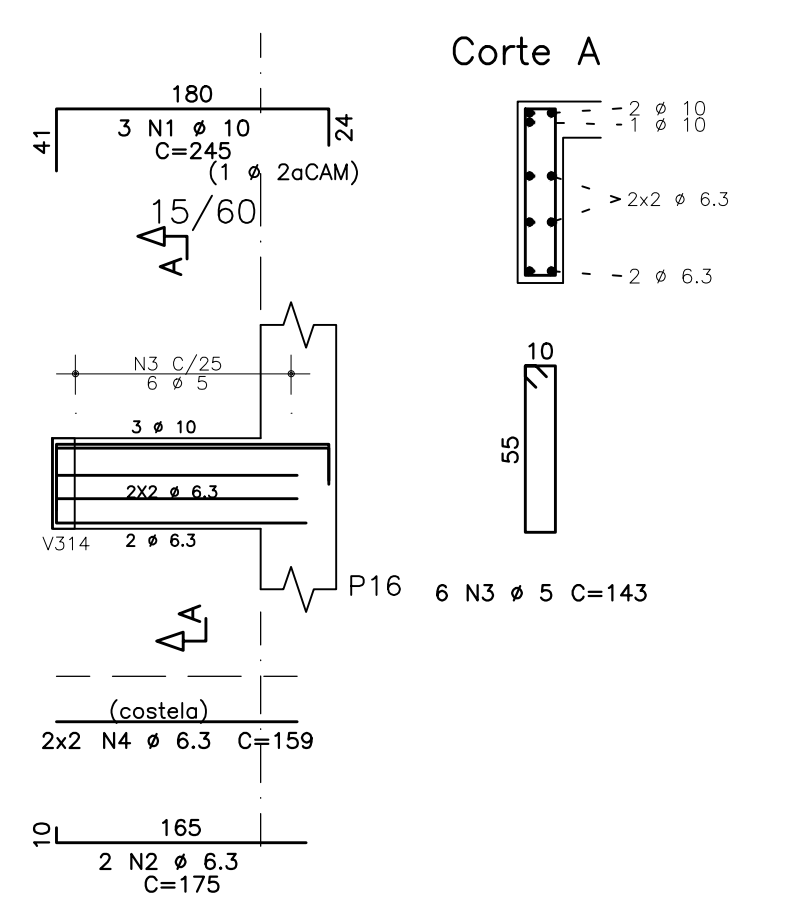
V305



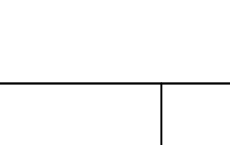
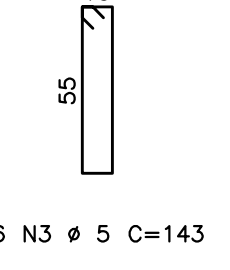
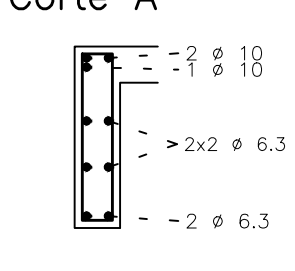
Corte A



V307



Corte A



NOTAS

- DIMENSOES EM CENTIMETROS, ELEVACOES EM METROS
- CONCRETO ESTRUTURAL:
Fck>= 20 MPa (ESTACAS HÉLICE CONTÍNUA);
CONSUMO DE CIMENTO>=400,0kg/m³ E SLUMP ENTRE 200 E 240mm.
Fck>= 25 MPa (DEMAIS ELEMENTOS ESTRUTURAIS); CONSUMO DE CIMENTO >=280,0kg/m³.
- FATOR ÁGUA/CEMENTO MÁXIMO: 0,60
- CLASSE DE AGRESSIVIDADE II - URBANA
- MÓDULO DE ELASTICIDADE INICIAL A 28 DIAS IGUAL A 28000 MPa
- REALIZAR OS PROCEDIMENTOS DE CURA, RETIRADA DE FORMAS E DO ESCORAMENTO CONFORME NBR 14931:2004:
PROCEDER COM A CURA ÚMIDA POR NO MÍNIMO 07 (SETE) DIAS OU UTILIZAR A CURA QUÍMICA DOS ELEMENTOS DE CONCRETO.
- A EXECUÇÃO DA ESTRUTURA DEVERÁ CONTAR COM O ACOMPANHAMENTO DE UM TECNOLÓGISTA DE CONCRETO
- O ENGENHEIRO RESPONSÁVEL PELA OBRA DEVERÁ OBEDECER AS RECOMENDAÇÕES DAS NORMAS TÉCNICAS APLICÁVEIS, DEDICANDO ESPECIAL ATENÇÃO ÀS SEGUINTE ATIVIDADES:
8.1. CONCRETO: PREPARO, CONTROLE, RECEBIMENTO, TRANSPORTE, LANÇAMENTO, ADENSAMENTO E CURA
8.2. FORMA: CONFERÊNCIA DAS MEDIDAS E POSIÇÕES, LIMPEZA, ESTANQUEIDADE, SATURAÇÃO DAS FORMAS ABSORVENTES (RETIRAR EXCESSO DE ÁGUA), CUIDADO COM O USO DOS DESMOLDANTES E RETIRADA DAS FORMAS
8.3. ARMAÇÃO: LIMPEZA, MONTAGEM, COBRIMENTO (USO DE ESPAÇADORES PLÁSTICOS ADEQUADOS), E GARANTIA DA POSIÇÃO DAS ARMADURAS ANTES E DURANTE A CONCRETAGEM
- COBRIMENTO MÍNIMO DA ARMADURA:
LAJES=2,0cm; VIGAS E PILARES=2,5cm; BLOCOS=5,0cm; ESTACAS=4,0cm. OBRA COM RÍGIDO CONTROLE DE QUALIDADE.
- RECOMENDA-SE QUE OS MATERIAIS (AÇO E CONCRETO) UTILIZADOS NESTE PROJETO SEJAM SUBMETIDOS A ENSAIOS TECNOLÓGICOS
- PREVER DRENAGEM E/OU IMPERMEABILIZAÇÃO PARA AS CORTINAS (CONTENÇÕES).
- CONFERIR MEDIDAS NO LOCAL.

EXE	00	EMISSÃO INICIAL P/ LICITAÇÃO DA OBRA	EFICÁCIA	04/09/19
REVCOMP	01	EMISSÃO INICIAL EXECUTIVO	EFICÁCIA	22/07/19
REVCOMP	00	REVISÃO ANTEPROJETO	EFICÁCIA	08/07/19
ANT	00	EMISSÃO INICIAL ANTEPROJETO	EFICÁCIA	13/06/19
TIPO	REV	DESCRIÇÃO	DESENHO	DATA
REVISÕES				
MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS SEDE DAS PROMOTORIAS DE JUSTIÇA DE CURVELO				
ENDEREÇO: AV. DR. DALTON MOREIRA CANABRAVA (ANTIGA AVENIDA SAROBÁ) S / N° BAIRRO MARIA AMÁLIA MUNICÍPIO DE CURVELO			ÁREA TERRENO: 2.800,70m²	
PROPRIETÁRIO: PROCURADORIA GERAL DE JUSTIÇA DO ESTADO DE MINAS GERAIS			ÁREA CONSTRUIDA: 1.270,09m²	
			CNPJ: 20.971.057/0001-45	
PROJETO ESTRUTURAL DE CONCRETO ARMADO				
RESPONSÁVEIS TÉCNICOS: NELSON URIAS PINTO GARIGLIO DA SILVA			CREA: 82.624/D-MG	
CONTEÚDO: ARMAÇÃO DE VIGAS 3o PAVIMENTO FOLHA 01/03			DATA: 04/09/19 ESCALA: 1:50	FOLHA: 38/51

CONFECIONADO POR: PERNAS - FORMAS E ARMAÇÔES	001	0,18
RED	MADEIRA	0,20
BRN	MADEIRA	1,0
BRN	MADEIRA	0,40
BRN	MADEIRA	0,30
BRN	MADEIRA	0,13
BRN	MADEIRA	0,30
BRN	MADEIRA	0,25