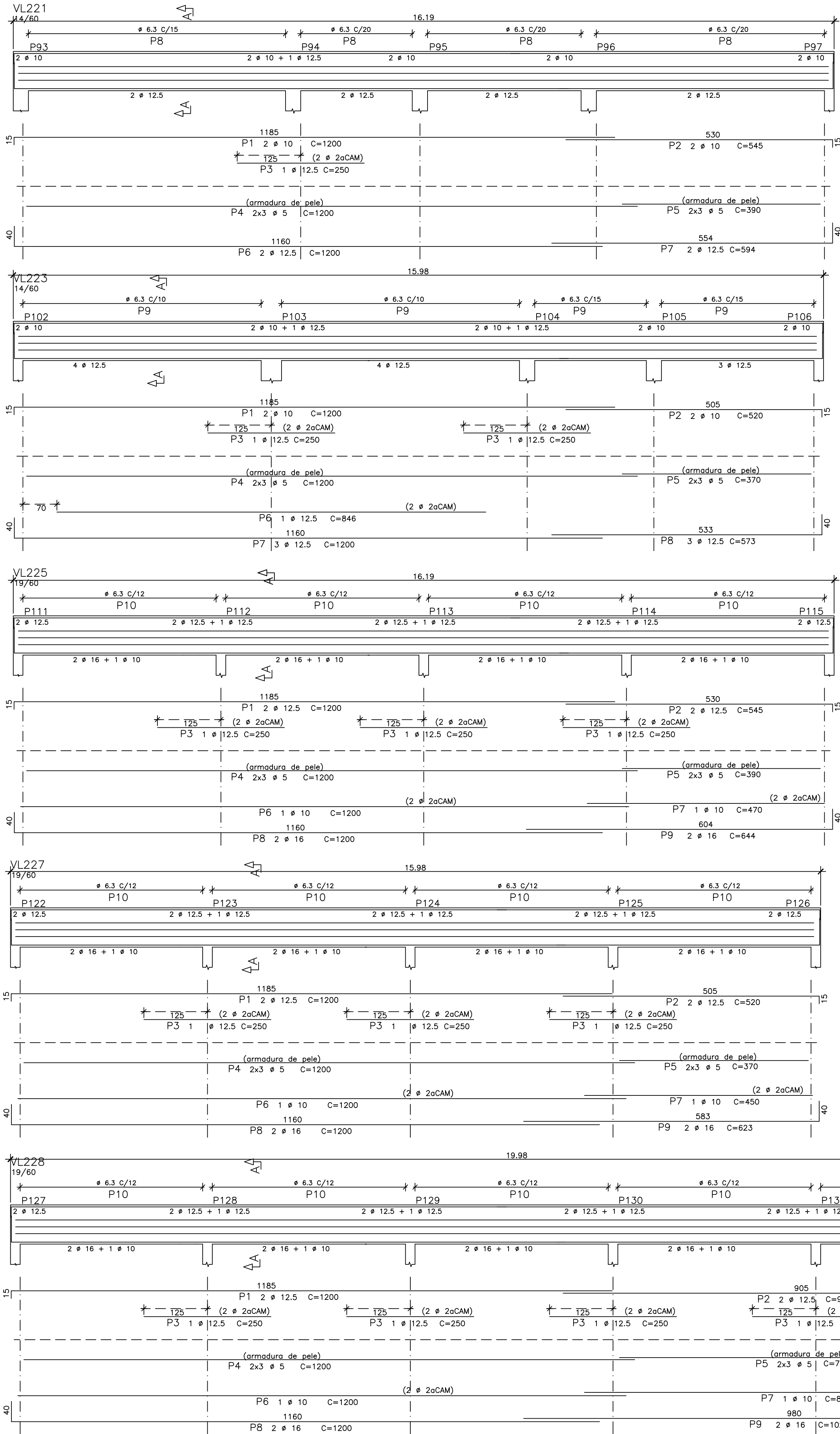
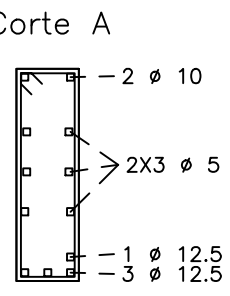
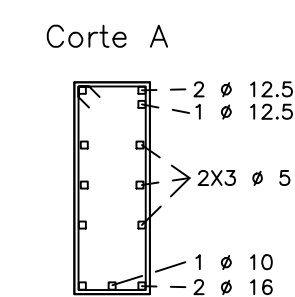


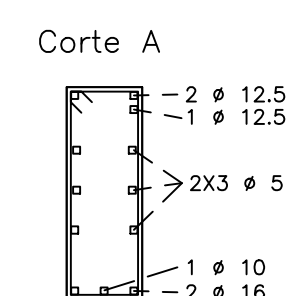
P8 87 # 6.3 C=136



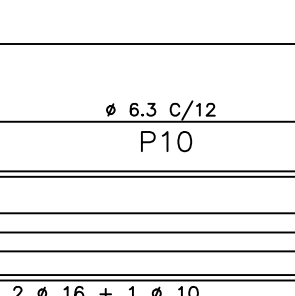
P9 135 # 6.3 C=136



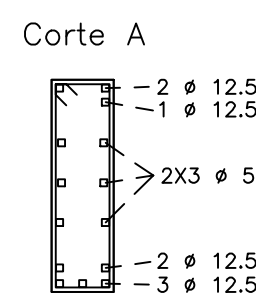
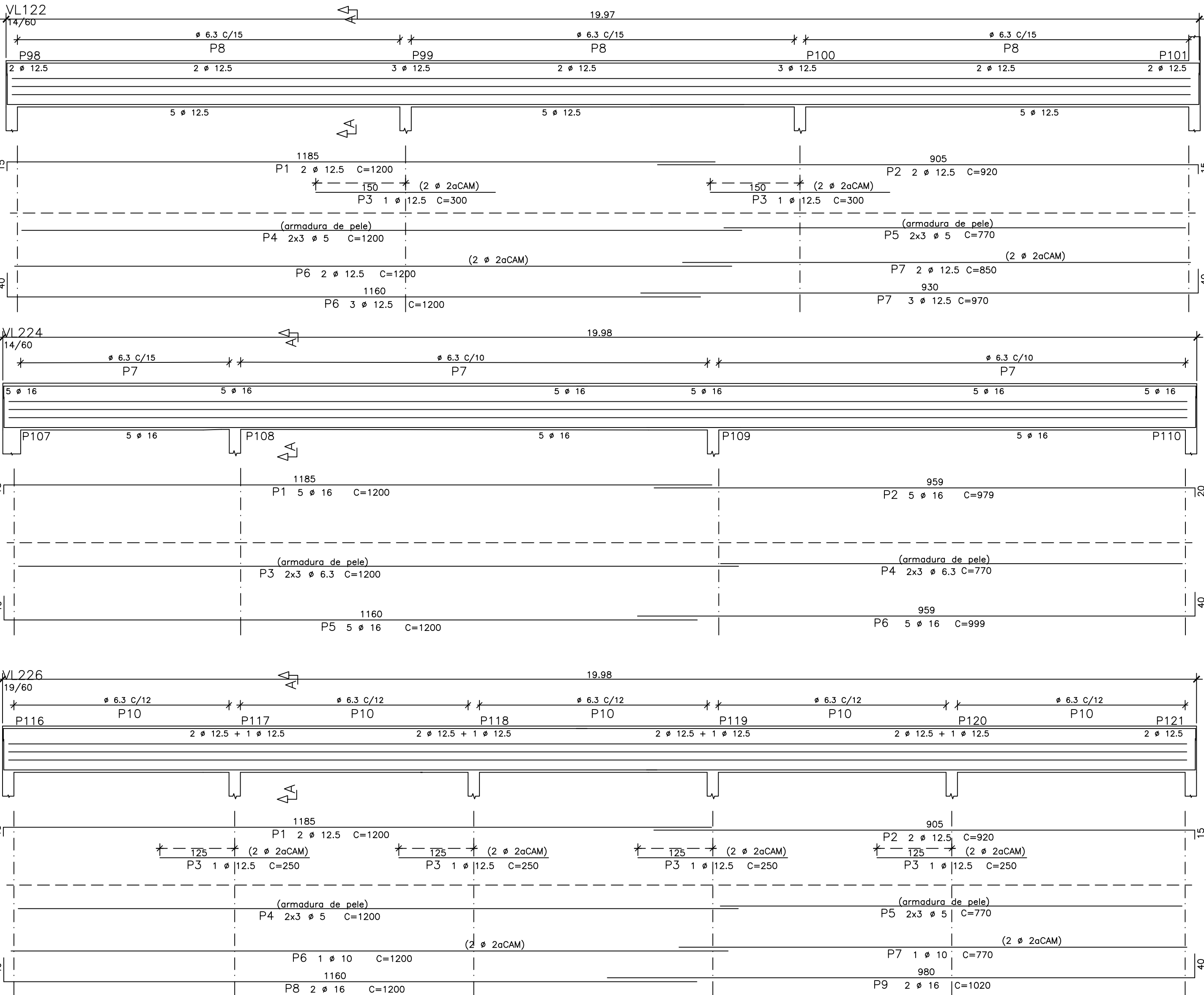
P10 132 # 6.3 C=146



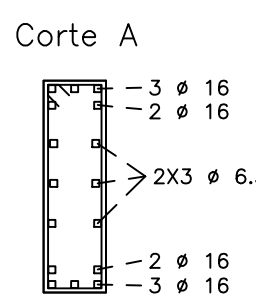
P10 132 # 6.3 C=146



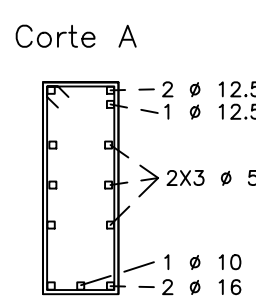
P10 166 # 6.3 C=146



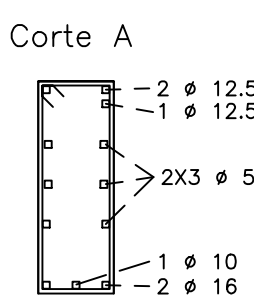
P8 132 # 6.3 C=136



P7 182 # 6.3 C=136



P10 166 # 6.3 C=146



P10 166 # 6.3 C=146

	ACO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
VL221						
	50A	1	10	2	1200	2400
	50A	2	10	2	545	1090
	50A	3	12.5	1	250	250
	60B	4	5	6	1200	7200
	60B	5	5	6	390	2340
	50A	6	12.5	2	1200	2400
	50A	7	12.5	2	594	1188
	50A	8	6.3	87	136	11832
VL222						
	50A	1	12.5	2	1200	2400
	50A	2	12.5	2	920	1840
	50A	3	12.5	2	300	600
	60B	4	5	6	1200	7200
	60B	5	5	6	770	4620
	50A	6	12.5	2	1200	2400
	50A	7	12.5	2	850	1700
	50A	8	12.5	3	1200	3600
	50A	9	12.5	3	970	2910
	50A	10	6.3	132	136	17952
VL223						
	50A	1	10	2	1200	2400
	50A	2	10	2	520	1040
	50A	3	12.5	2	250	500
	60B	4	5	6	1200	7200
	60B	5	5	6	370	2220
	50A	6	12.5	1	846	846
	50A	7	12.5	3	1200	3600
	50A	8	12.5	3	573	1719
	50A	9	6.3	135	136	18360
VL224						
	50A	1	16	5	1200	6000
	50A	2	16	5	979	4895
	50A	3	6.3	6	1200	7200
	50A	4	6.3	6	770	4620
	50A	5	16	5	1200	6000
	50A	6	16	5	999	4995
	50A	7	6.3	182	136	24752
VL225						
	50A	1	12.5	2	1200	2400
	50A	2	12.5	2	545	1090
	50A	3	12.5	3	250	750
	60B	4	5	6	1200	7200
	60B	5	5	6	390	2340
	50A	6	10	1	1200	1200
	50A	7	10	1	470	470
	50A	8	16	2	1200	2400
	50A	9	16	2	644	1288
	50A	10	6.3	132	146	19272

VL226							
50A	1	12.5	2	1200	2400		
50A	2	12.5	2	920	1840		
50A	3	12.5	4	250	1000		
60B	4	5	6	1200	7200		
60B	5	5	6	770	4620		
50A	6	10	1	1200	1200		
50A	7	12.5	1	450	450		
50A	8	16	2	1200	2400		
50A	9	16	3	623	1246		
50A	10	6.3	166	146	28762		
VL227							
50A	1	12.5	2	1200	2400		
50A	2	12.5	2	520	1040		
50A	3	12.5	3	250	750		
60B	4	5	6	1200	7200		
60B	5	5	6	370	2220		
50A	6	10	1	1200	1200		
50A	7	12.5	1	450	450		
50A	8	16	2	1200	2400		
50A	9	16	3	623	1246		
50A	10	6.3	132	146	19772		
VL228							
50A	1	12.5	2	1200	2400		
50A	2	12.5	2	920	1840		
50A	3	12.5	4	250	1000		
60B	4	5	6	1200	7200		
60B	5	5	6	770	4620		
50A	6	10	1	1200	1200		
50A	7	10	1	850	850		
50A	8	16	2	1200	2400		
50A	9	16	2	1020	2040		
50A	10	6.3	166	146	24236		

RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	734	110
50A	6.3	1712	428
50A	10	143	90
50A	12.5	449	449
50A	16	381	602
Peso Total		60B =	110 kg
Peso Total		50A =	1568 kg
Peso Total + 10%			1846 kg

NOTAS:

- RECOBRIMENTO DAS PEÇAS DE CONCRETO = 3cm (UTILIZAÇÃO DE ESPAÇADORES OBRIGATORIA);
- AS PEÇAS DE CONCRETO MOLDADA IN LOCO DEVERÃO SER VIBRADAS COM VIBRADORES DE IMERSÃO;
- NÃO TOMAR MEDIDAS EM ESCALA;
- HAVENDO DIVERGENCIA ENTRE AS COTAS E A ESCALA PREVALECE A COTA;
- VERIFICAR MEDIDAS "IN LOCO";
- A EXECUÇÃO DA ESTRUTURA DEVERÁ ESTAR DE ACORDO COM O ESTABELECIDO NAS NORMAS: NBR-6118/2003, NBR-6122/1996, NBR-12655/2006 E NBR 14931/2004;
- JUNTA DE DILATAÇÃO COM 2cm DE ESPESURA, UTILIZAR ISOPOR OU NEOPRENE;

MATERIAIS:

ACO CASO

CONCRETO PARA VIGAS LAJE:

CLASSE: C25 (fck > 25MPa)

FATOR A/C: < 0,60

CIMENTO: > 300Kg/m3

SLUMP: 10 +/- 1

AGRESSIVIDADE: II

FISSURACAO: < 0,3mm

Ecs2B: > 240Pa

04/05/2023	ALTERACAO VL124		
DATA	INFORMACOES/MODIFICACOES	CONFIRMACAO/APROVADO	
PROJETO ESTRUCTURAL		RESP TECNICO	JOSÉ ARNALDO ELISEI JR.
PROJETOS, ASSESSORIA E TRABALHOS TECNICOS		CREA:	5062304923
PROPRIETARIO: PREFEITURA MUNICIPAL DE SÃO JOSÉ DOS CAMPOS SP.			
OBRA/LOCAL: EMEF HELIO AUGUSTO			
PROJETO:	DES:	DATA:	FOLHA Nº
2º PAVIMENTO		FEV/2023	41
ARMAÇÃO VIGAS LAJE		ESCALA:	1:50
rev00			
QUALQUER ALTERACAO DE PROJETO SEM A DEVIDA AUTORIZACAO DO AUTOR, PODERA IMPLICAR NO CANCELAMENTO DA RESPONSABILIDADE TECNICA.			