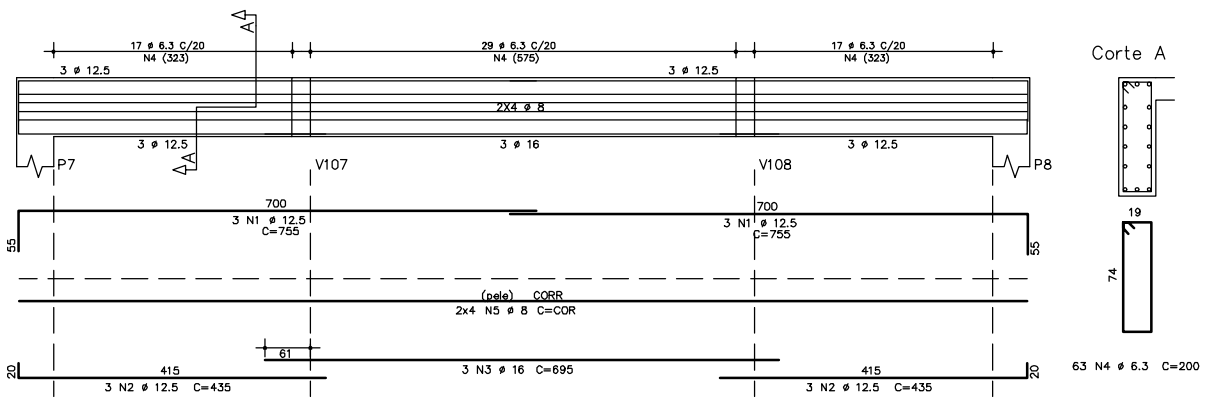
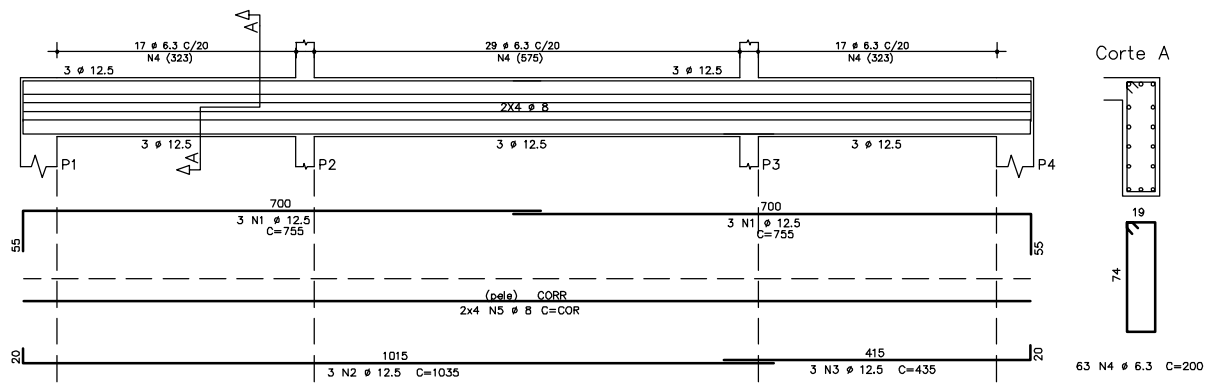
V103 25/80

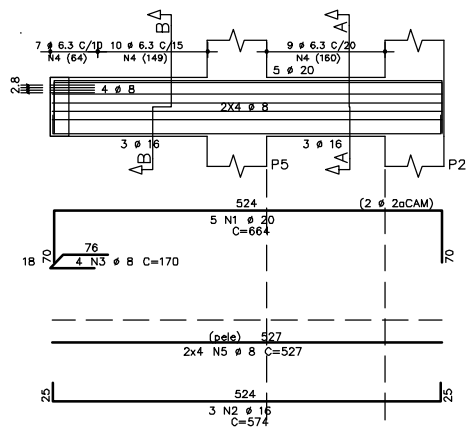


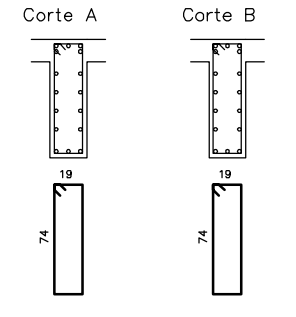
V102 25/80



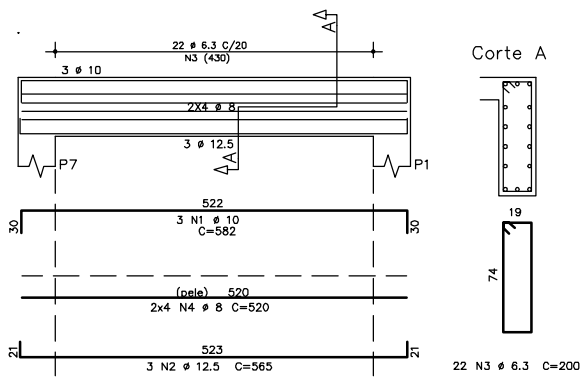
AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1=P4=P7=P8 (X4)					
50A	1	12.5	48	362	17376
50A	2	12.5	48	160	7680
60B	3	5	120	157	18840
P2=P3=P5=P6 (X4)					
50A	1	20	48	467	22416
50A	2	10	48	275	13200
50A	3	6.3	124	201	24924
50A	4	6.3	496	35	17360
P5=P9=P10 (X3)					
50A	1	20	24	472	11328
50A	2	20	24	240	5760
50A	3	6.3	87	161	14007
50A	4	6.3	174	35	6090
V102					
50A	1	12.5	6	755	4530
50A	2	12.5	3	1035	3105
50A	3	12.5	3	435	1305
50A	4	6.3	63	200	12600
50A	5	8	8	-CORR-	11120
V103					
50A	1	12.5	6	755	4530
50A	2	12.5	6	435	2610
50A	3	16	3	695	2085
50A	4	6.3	63	200	12600
50A	5	8	8	-CORR-	11120
V106 = V109 (X2)					
50A	1	10	6	582	3492
50A	2	12.5	6	565	3390
50A	3	6.3	44	200	8800
50A	4	8	16	520	8320
V107 = V108 (X2)					
50A	1	20	10	664	6640
50A	2	16	6	574	3444
50A	3	8	8	170	1360
50A	4	6.3	52	200	10400
50A	5	8	16	527	8432

V107 = V108 25/80



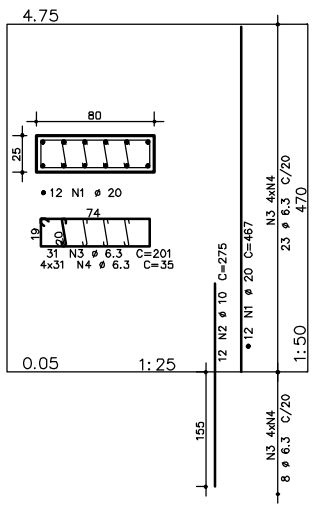


V106 = V109 25/80

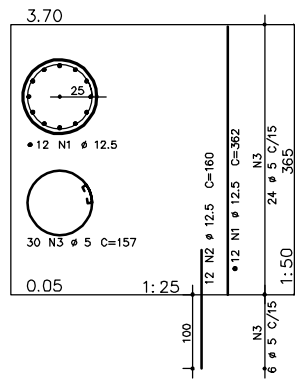


RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	188	30
50A	6.3	1068	267
50A	8	404	161
50A	10	167	105
50A	12.5	445	445
50A	16	55	88
50A	20	461	1154
Peso Total	60B =		30 kg
Peso Total	50A =		2221 kg

P2=P3=P5=P6



P1=P4=P7=P8



P5=P9=P10

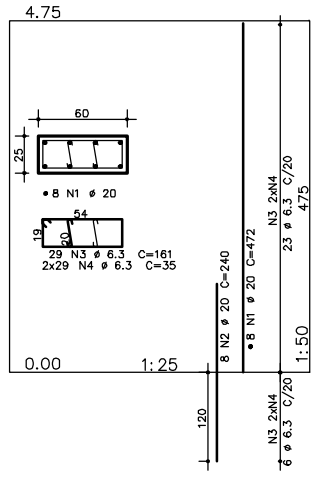


TABELA P/ EMENDAS DE FERROS CORRIDOS
ø 6.3 – 30 cm
ø 8 – 30 cm
ø 10 – 40 cm
ø 16 – 65 cm
ø 20 – 80 cm

NOTA: MANTER EMENDAS ALTERNADAS

GTP
Grupo Técnico de Projetos s/s ltda
soluções de máximo desempenho

BENNO PERELMUTTER ARQUITETURA E PLANEJAMENTO LTDA
ARQ. BENNO PERELMUTTER
ARQ. MARCIEL PEINADO

Descrição de revisão

REVISÃO	DESCRIÇÃO:	DATA:
00	EMISSÃO INICIAL	01/10/09

UFABC
FUNDAÇÃO UNIVERSIDADE FEDERAL DO ABC
PREFEITURA UNIVERSITÁRIA
COORDENAÇÃO DE PROJETOS - UFABC/SBC

OBRA: CSB - CAMPUS SÃO BERNARDO
FASE: PROJETO EXECUTIVO
DISCIPLINA: ESTRUTURA DE CONCRETO
LOCAL: RUA DO TÚNEL S/N
DESCRIÇÃO: PORTARIA - ARMAÇÃO DAS VIGAS E PILARES
PROJETO: FMJ
DESENHO: JRC
RESP. TÉC.: MR
VERIFICADO:
APROVADO:
ÁREA:
ESCALA: 1:50
DATA: 01/10/09
DISCIPLINA: F
REVISÃO: 00
FOLHA: 04/05

CSBBLPO-F-EC-004