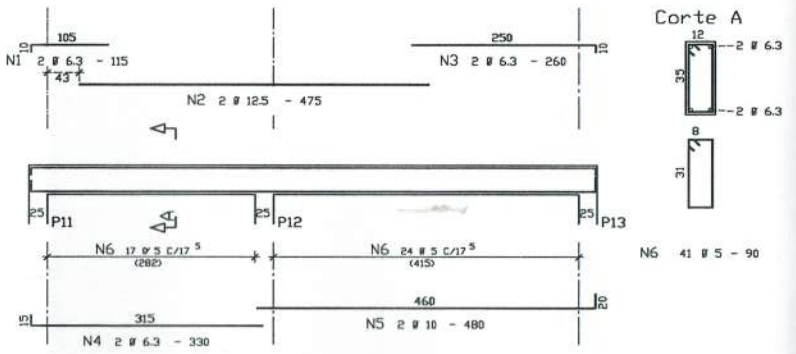
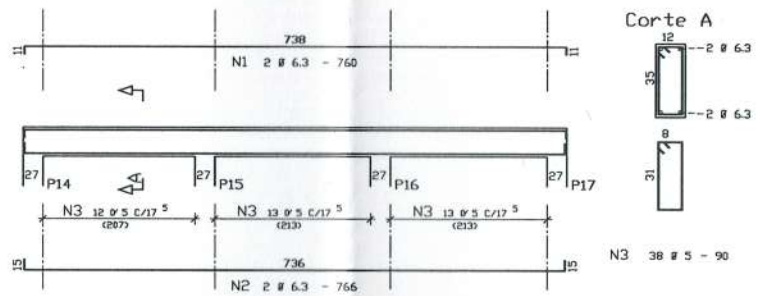
VF3 12/35



VF4=VF5 12/35



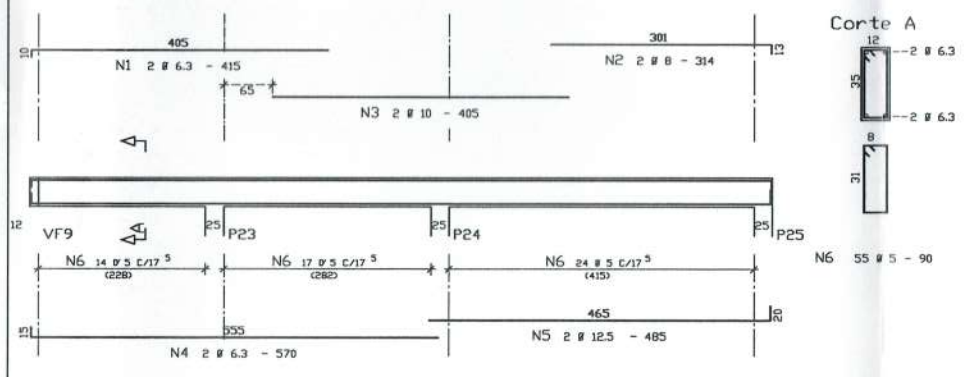
PREFEITURA MUNICIPAL DE SERTÃO/RS
APROVADO
Em 28/12/2015
Responsavel

	ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
VF3						
	50B	1	6.3	2	115	230
	50B	2	12.5	2	475	950
	50B	3	6.3	2	260	520
	50B	4	6.3	2	330	660
	50B	5	10	2	480	960
	60B	6	5	41	90	3690
VF4=VF5	(X2)					
	50B	1	6.3	4	760	3040
	50B	2	6.3	4	766	3064
	60B	3	5	76	90	6840
VF6						
	50B	1	6.3	2	415	830
	50B	2	8	2	314	628
	50B	3	10	2	405	810
	50B	4	6.3	2	570	1140
	50B	5	12.5	2	485	970
	60B	6	5	55	90	4950
VF8						
	50B	1	6.3	2	205	410
	50B	2	10	2	395	790
	50B	3	8	2	725	1450
	50B	4	6.3	2	220	440
	50B	5	10	2	395	790
	50B	6	6.3	2	370	740
	50B	7	8	2	380	760
	50B	8	6.3	2	385	770
	60B	9	5	80	90	7200
VF9						
	50B	1	6.3	2	1090	2180
	50B	2	6.3	2	185	370
	50B	3	6.3	2	751	1502
	50B	4	6.3	2	514	1028
	60B	5	5	63	90	5670
VF10						
	50B	1	6.3	2	485	970
	50B	2	6.3	2	495	990
	60B	3	5	26	90	2340
VF11=VF12	(X2)					
	50B	1	6.3	4	115	460
	50B	2	6.3	4	120	480
	60B	3	5	10	90	900
VF13=VF14	(X2)					
	50B	1	6.3	4	400	1600
	50B	2	6.3	4	410	1640
	60B	3	5	42	90	3780
VF15						
	50B	1	6.3	4	235	940
	50B	2	8	2	828	1656
	50B	3	8	2	400	800
	50B	4	6.3	2	475	950
	50B	5	8	2	405	810
	60B	6	5	63	90	5670
VF16						
	50B	1	6.3	2	285	570
	50B	2	6.3	2	290	580
	60B	3	5	13	90	1170

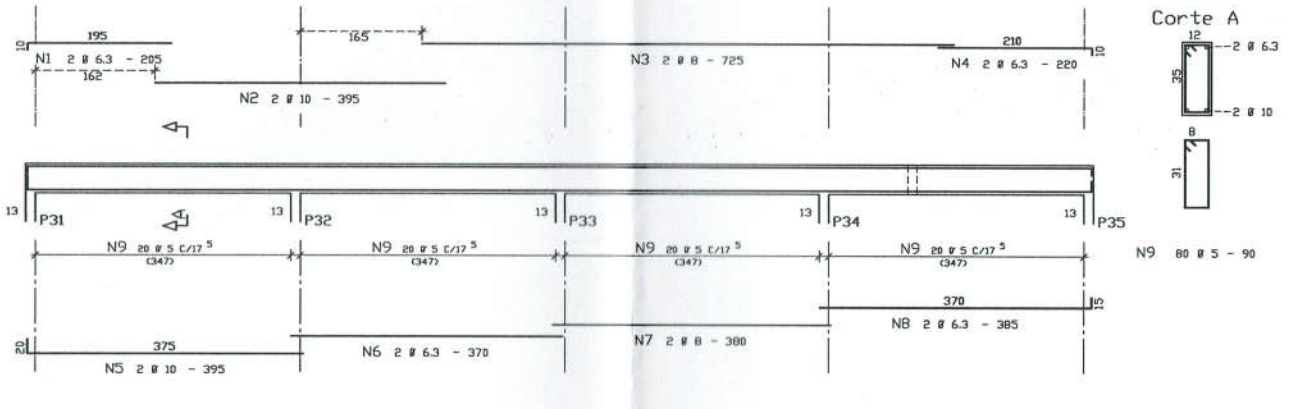
RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
50B	6.3	261	65
50B	8	61	24
50B	10	34	21
50B	12.5	19	19
60B	5	422	68
Peso Total	50B =		130 kg
Peso Total	60B =		68 kg

	Eixo	Faces
Volume de concreto de VIGAS (m3)	3.6	3.3
Taxa de armadura (kg/m3)	54.6	59.6

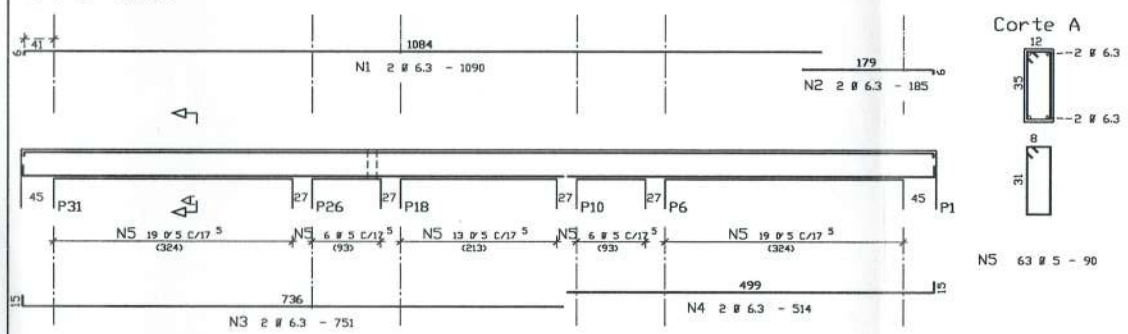
VF6 12/35



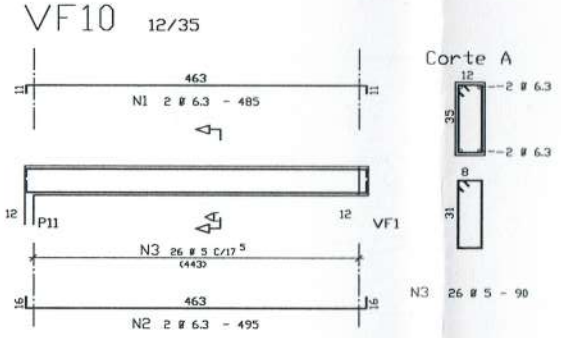
VF8 12/35



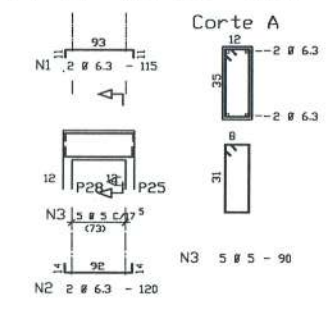
VF9 12/35



VF10 12/35

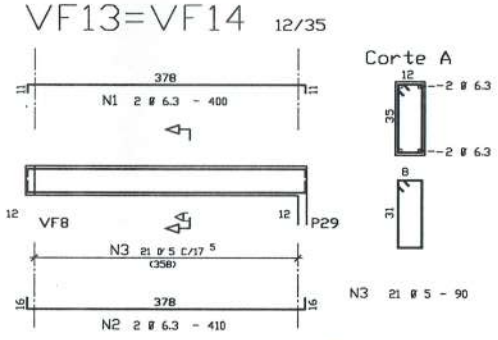


VF11=VF12 12/35

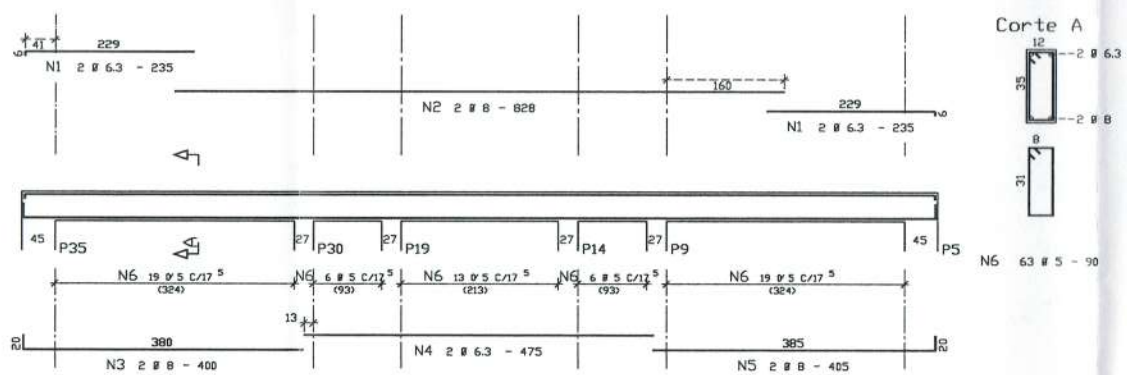


NOTA: CONCRETO fck = 2

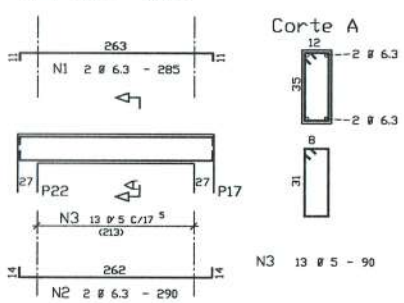
VF13=VF14 12/35



VF15 12/35



VF16 12/35



GOVERNO FEDERAL BRASIL PAÍS RICO É PAÍS SEM POBREZA — Ministério da Educação — FNDE Fundo Nacional de Desenvolvimento da Educação

PROJETO PADRÃO - FNDE

MUNICÍPIO – UF:

PROPRIETÁRIO:

ENDEREÇO:

PROPRIETÁRIO

RESP. TÉCNICO — CREA

Eng. Tânia Cristina Rosa Abrantes – CREA–GO 4376/D
AUTOR DO PROJETO

DLFO | CREA | RA

OBSERVAÇÕES:

ESCOLA 12 SALAS DE AULA

PROJETO ESTRUTURAL concreto armado

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional

BLOCO A: ADMINISTRAÇÃO
DETALHES DAS VIGAS DA COBERTURA

EST

REVISÃO: R.01 - NOVEMBRO DE 2005; R.02 - JULHO DE 2011; R.00

ESCALA: 1/50 ou indicada

DATA EMISSÃO: JULHO / 2011

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