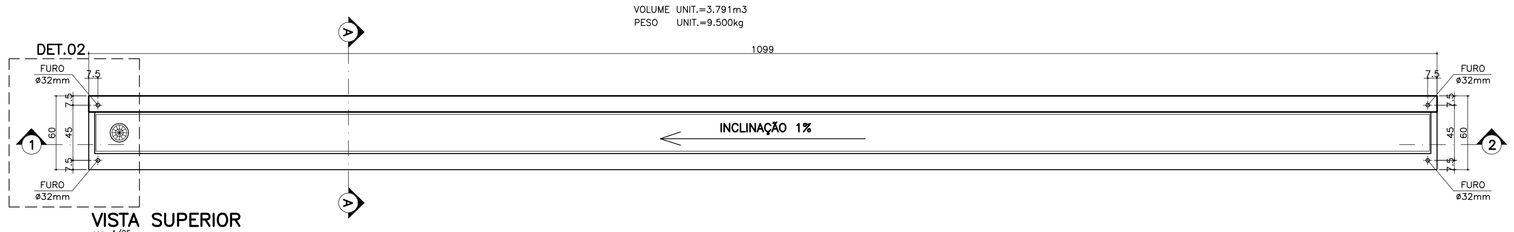
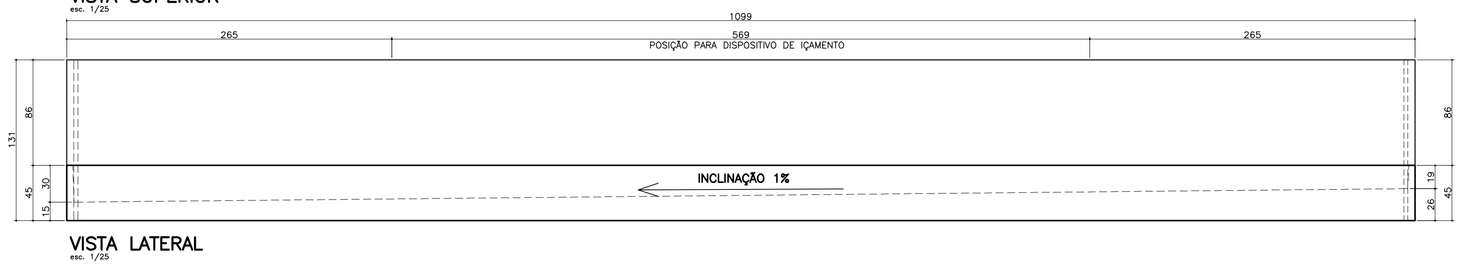
CALHA VC09 60x131 – (1x)

VOLUME UNIT.=3.791m3
PESO UNIT.=9.500kg

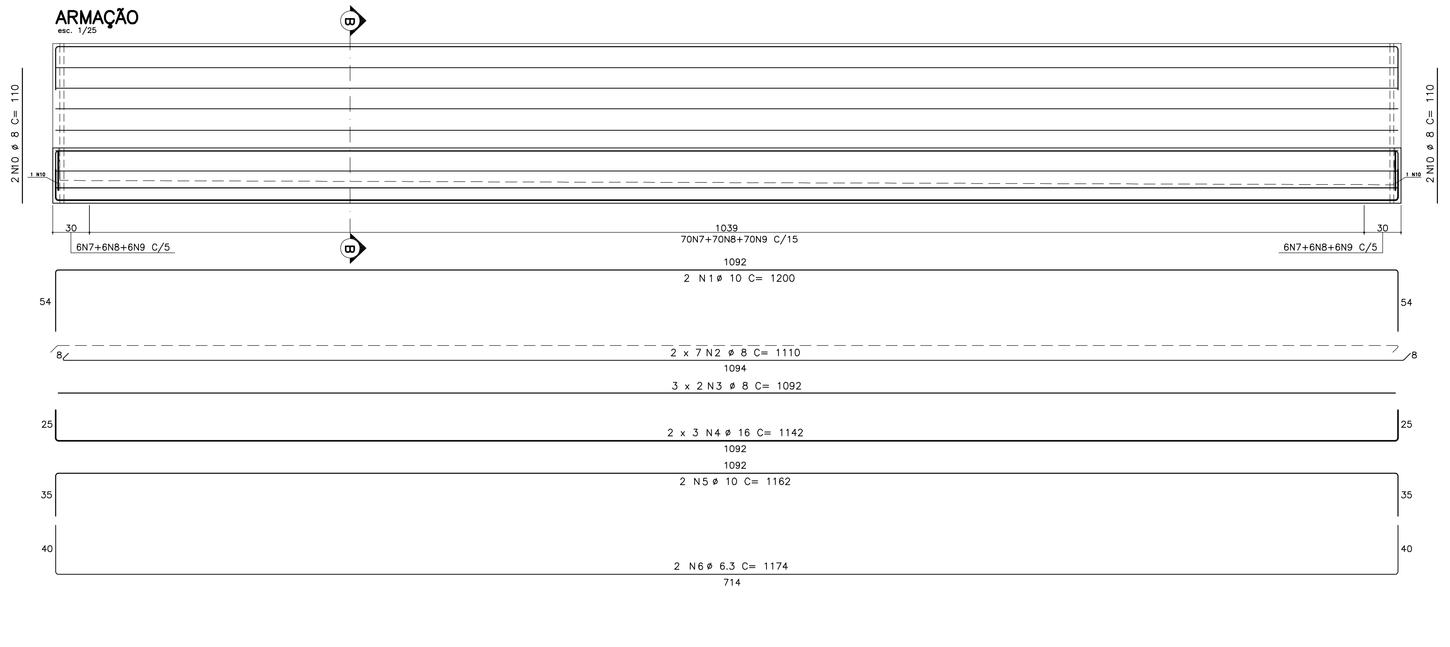


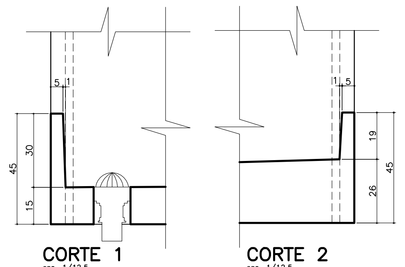
VISTA SUPERIOR
esc. 1/25

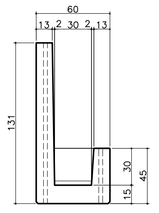


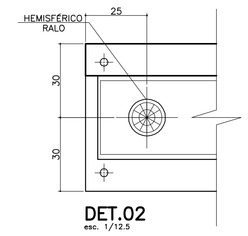
VISTA LATERAL
esc. 1/25

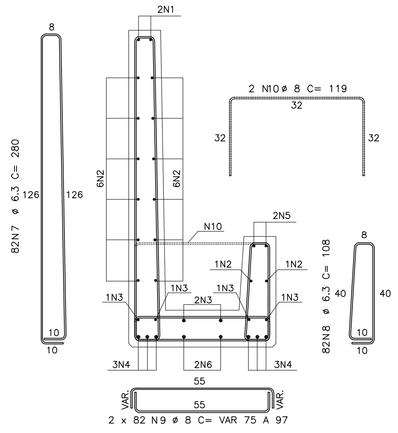
ARMAÇÃO
esc. 1/25











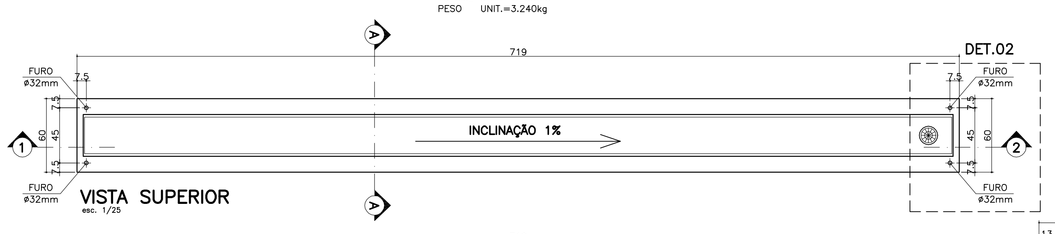
CORTE B.B
esc. 1/12.5

LISTA DE FERROS					
				COMPRIMENTOS	
Rep	POS.	ø	Q	UNIT.(cm)	TOTAL (m)
1	1	10	2	1200	24
1	2	8	14	1110	155.4
1	3	8	6	1092	65.52
1	4	16	6	1142	68.52
1	5	10	2	1162	23.24
1	6	6.3	2	1174	23.48
1	7	6.3	82	280	229.6
1	8	6.3	82	108	88.56
1	9	8	164	VAR.	141.04
2	10	8	4	110	4.4
1	10	8	2	119	2.38

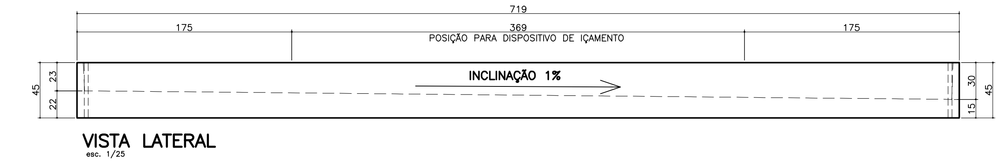
RESUMO AÇO CA-50A		
Ø	COMPRIMENTO (m)	PESO (Kg)
6.3	341.64	85
8	368.74	147
10	47.24	30
16	68.52	110
	TOTAL	372

CALHA VC07 – (1x)

VOLUME UNIT.=1.295m3
PESO UNIT.=3.240kg

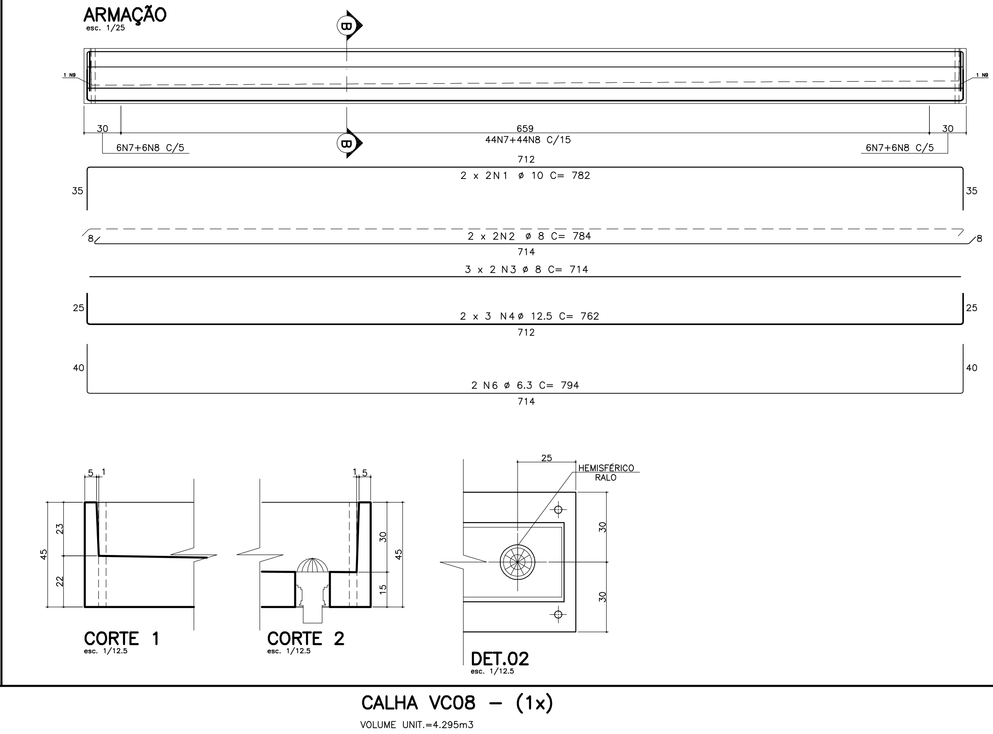


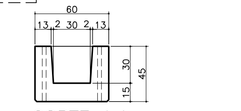
VISTA SUPERIOR
esc. 1/25

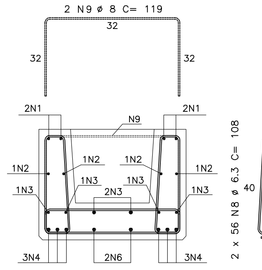


VISTA LATERAL
esc. 1/25

ARMAÇÃO
esc. 1/25







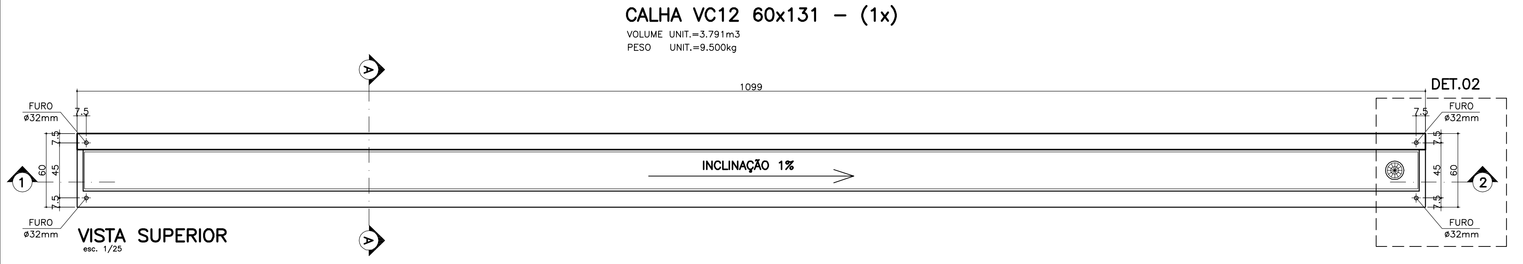
CORTE B.B
esc. 1/12.5

LISTA DE FERROS					
				COMPRIMENTOS	
Rep	POS.	ø	Q	UNIT.(cm)	TOTAL (m)
1	1	10	4	782	31.28
1	2	8	4	784	31.36
1	3	8	6	714	42.84
1	4	12.5	6	762	45.72
1	6	6.3	2	794	15.88
1	7	8	112	VAR.	92.4
1	8	6.3	112	108	120.96
1	9	8	2	119	2.38

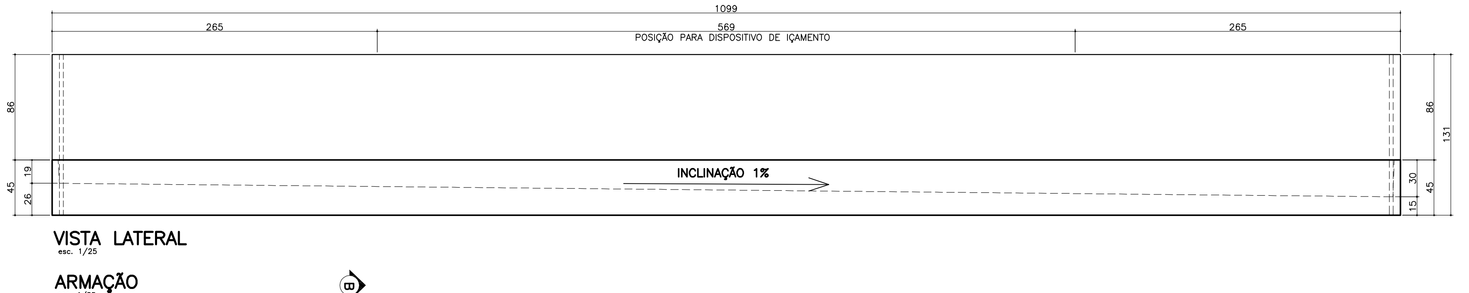
RESUMO AÇO CA-50A		
Ø	COMPRIMENTO (m)	PESO (Kg)
6.3	136.64	34
8	168.96	68
10	31.28	20
12.5	45.72	46
	TOTAL	168

CALHA VC12 60x131 – (1x)

VOLUME UNIT.=3.791m3
PESO UNIT.=9.500kg

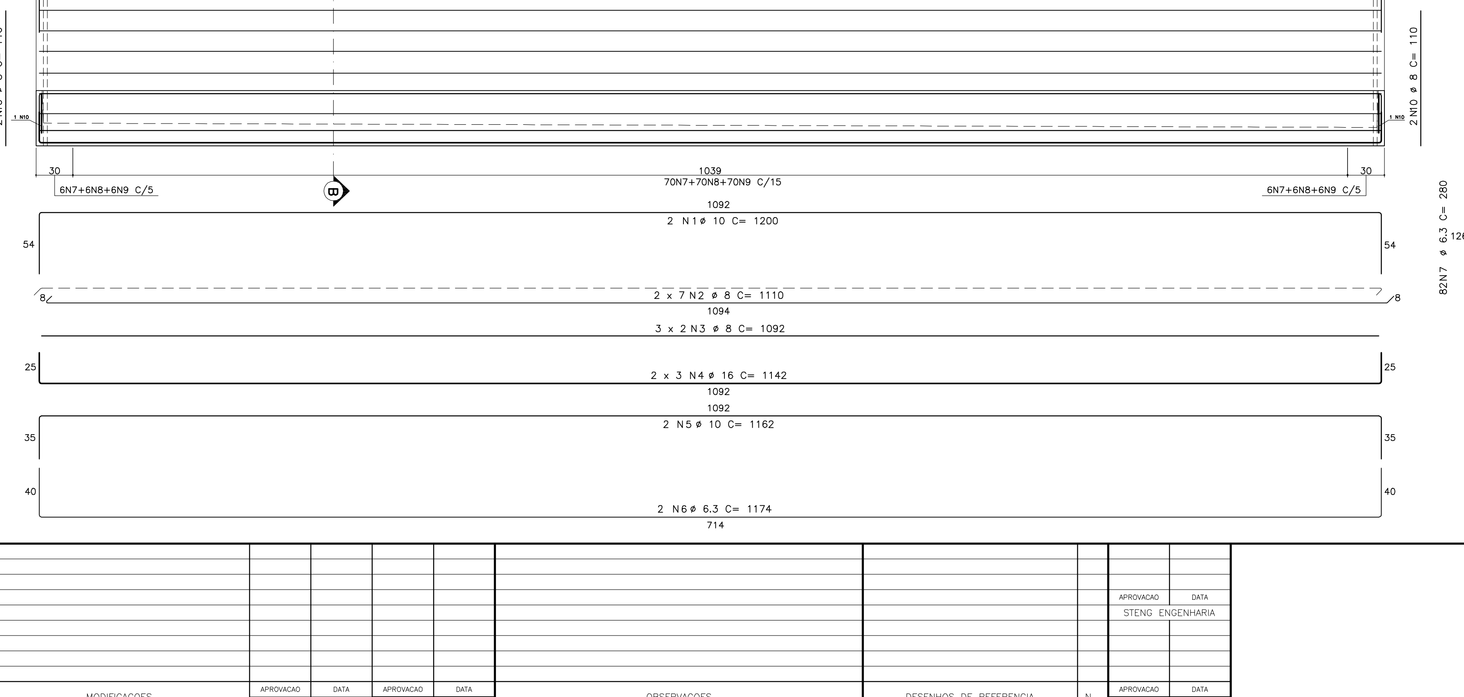


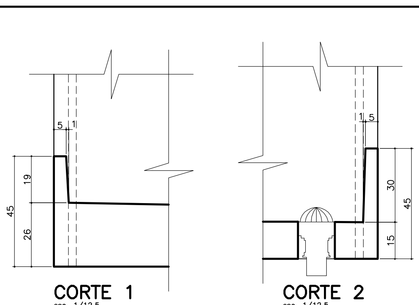
VISTA SUPERIOR
esc. 1/25

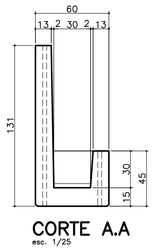


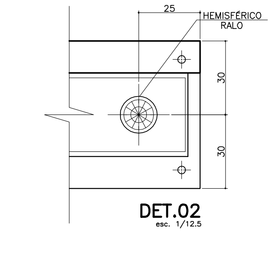
VISTA LATERAL
esc. 1/25

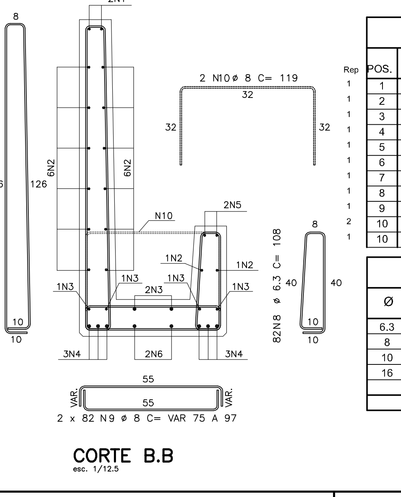
ARMAÇÃO
esc. 1/25











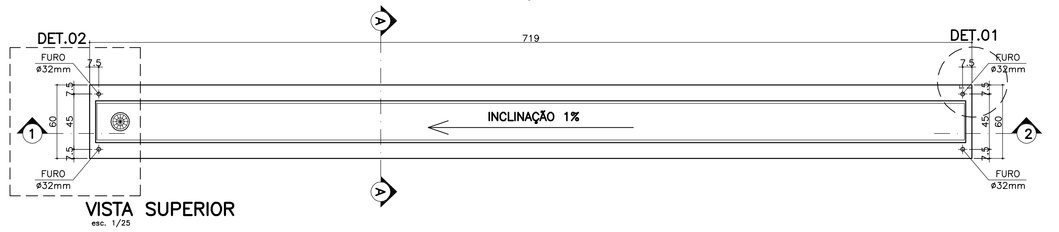
CORTE B.B
esc. 1/12.5

LISTA DE FERROS					
				COMPRIMENTOS	
Rep	POS.	ø	Q	UNIT.(cm)	TOTAL (m)
1	1	10	2	1200	24
1	2	8	14	1110	155.4
1	3	8	6	1092	65.52
1	4	16	6	1142	68.52
1	5	10	2	1162	23.24
1	6	6.3	2	1174	23.48
1	7	6.3	82	280	229.6
1	8	6.3	82	108	88.56
1	9	8	164	VAR.	141.04
2	10	8	4	110	4.4
1	10	8	2	119	2.38

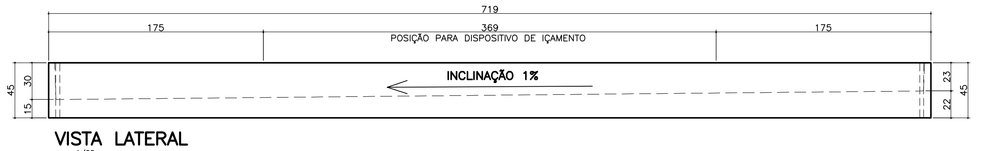
RESUMO AÇO CA-50A		
Ø	COMPRIMENTO (m)	PESO (Kg)
6.3	341.64	85
8	368.74	147
10	47.24	30
16	68.52	110
	TOTAL	372

CALHA VC08 – (1x)

VOLUME UNIT.=4.295m3
PESO UNIT.=3.240kg

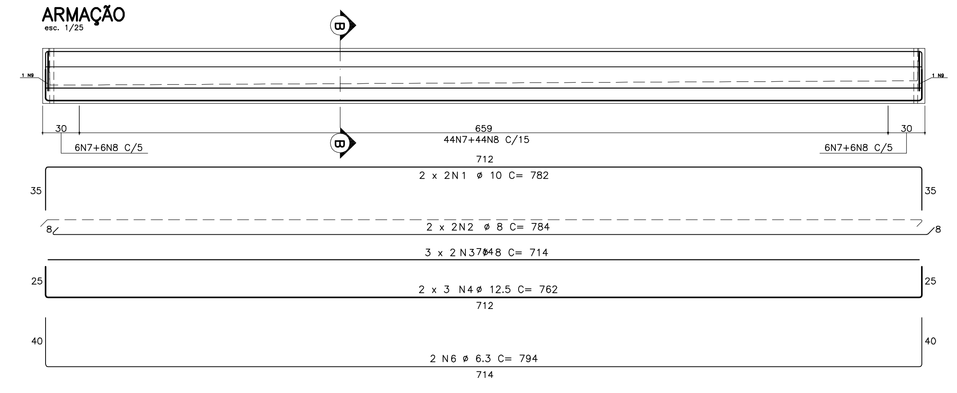


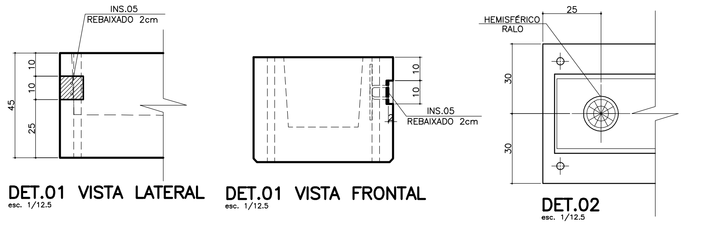
VISTA SUPERIOR
esc. 1/25

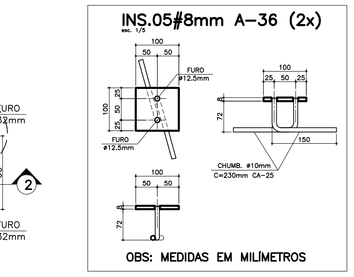


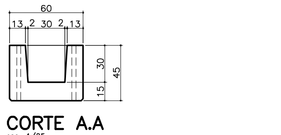
VISTA LATERAL
esc. 1/25

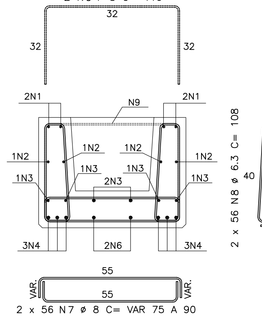
ARMAÇÃO
esc. 1/25











CORTE B.B
esc. 1/12.5

LISTA DE FERROS					
				COMPRIMENTOS	
Rep	POS.	ø	Q	UNIT.(cm)	TOTAL (m)
1	1	10	4	782	31.28
1	2	8	4	784	31.36
1	3	8	6	714	42.84
1	4	12.5	6	762	45.72
1	6	6.3	2	794	15.88
1	7	8	112	VAR.	92.4
1	8	6.3	112	108	120.96
1	9	8	2	119	2.38

RESUMO AÇO CA-50A		
Ø	COMPRIMENTO (m)	PESO (Kg)
6.3	136.64	34
8	168.96	68
10	31.28	20
12.5	45.72	46
	TOTAL	168

7 SALAS DE AULA E LABORATÓRIOS
PADRÃO JARDIM DAS ROSAS

12.01.068
Nº241

Nº	MODIFICACOES	APROVACAO	DATA	APROVACAO	DATA
9					
8					
7					
6					
5					
4					
3					
2					
1					
0		AUTOR DO PROJETO		FDE	

OBSERVACOES

DESENHOS DE REFERENCIA

N.

APROVACAO	DATA
STENG ENGENHARIA	
APROVACAO	DATA
FDE	

RESPONSÁVEL PELA APROVAÇÃO

apiacás arquitetos
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apiacas@apiacasarquitetos.com.br | www.apiacasarquitetos.com.br | FONE (11) 3758 7975

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Fone: +55 (11) 3022 6998

Resp. Técnicos:
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Fabrício Munhoz Facio
Mauricio T. Takahashi
Thiago Mazzutti Guerra

Abrão Selem Neto
CREA 506177511

CONTRATANTE	FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO - FDE
ESCOLA e NOME/LOCAL	TERRENO BAIRRO DAS FLORES / FARTURA - SP
CÓDIGO	1 2 0 1 0 6 3 0
INTERVENÇÃO	UNIDADE ESCOLAR COM 07 SALAS DE AULA
Nº LOTE	00
ETAPA/ÁREA TÉCNICA	PROJETO EXECUTIVO DE ESTRUTURA
TIPO PROJETO	PRÉ-MOLDADO
DATA	SET/2014
ETAPA/ÁREA TÉCNICA	PE-EST
CONTEÚDO	PLANTA DE MONTAGEM COBERTURA CALHAS VC07,08,09 e 12
ESCALA	INDICADA
FOLHA	42
REVISÃO	00

1200630_01EPE4206_01