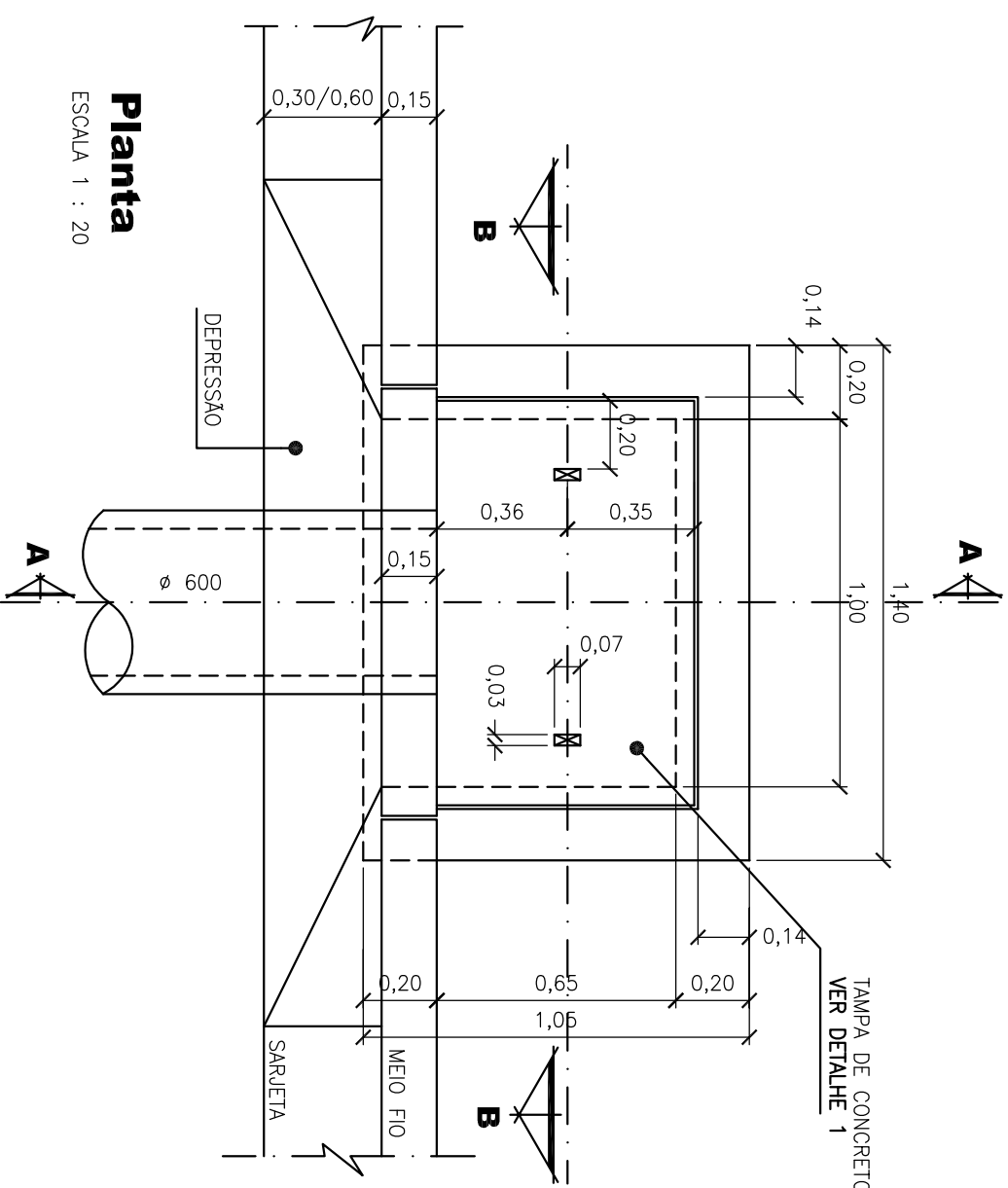
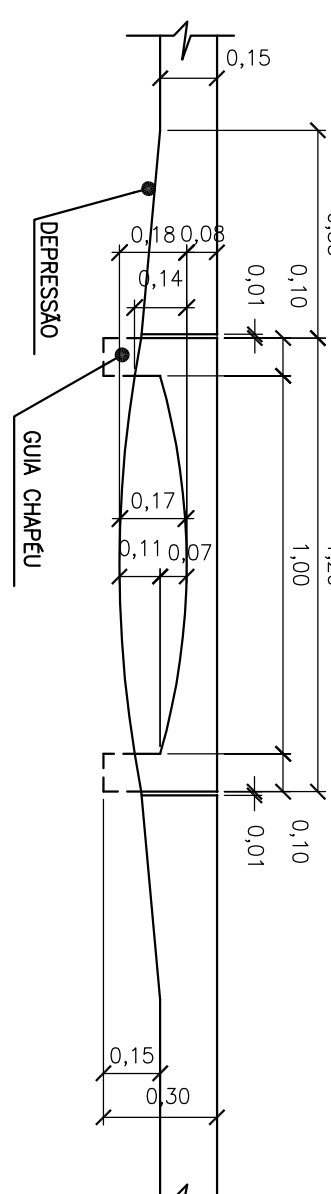


BOCA DE LOBO SIMPLES - BLS

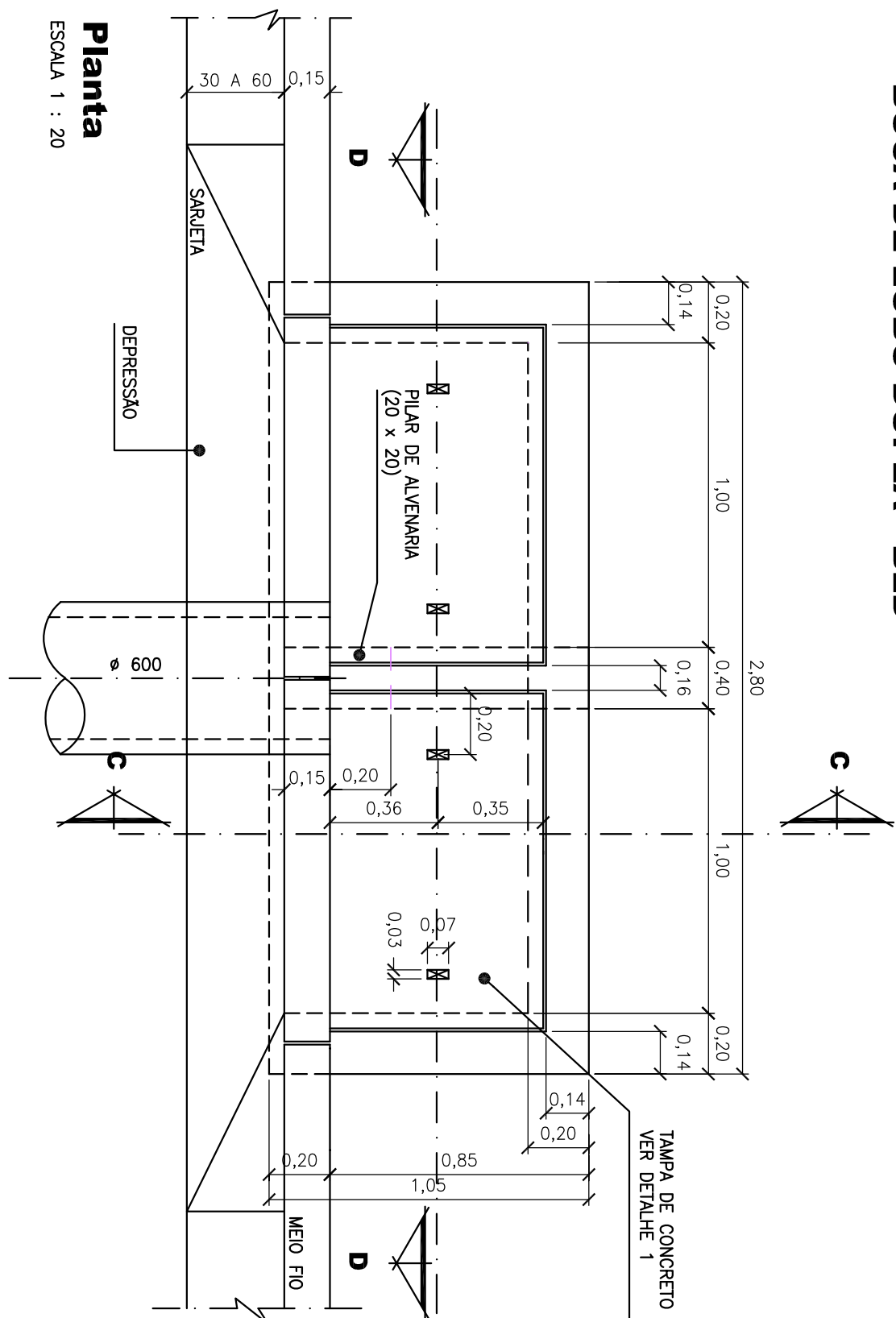


Planta

Vista de Frente



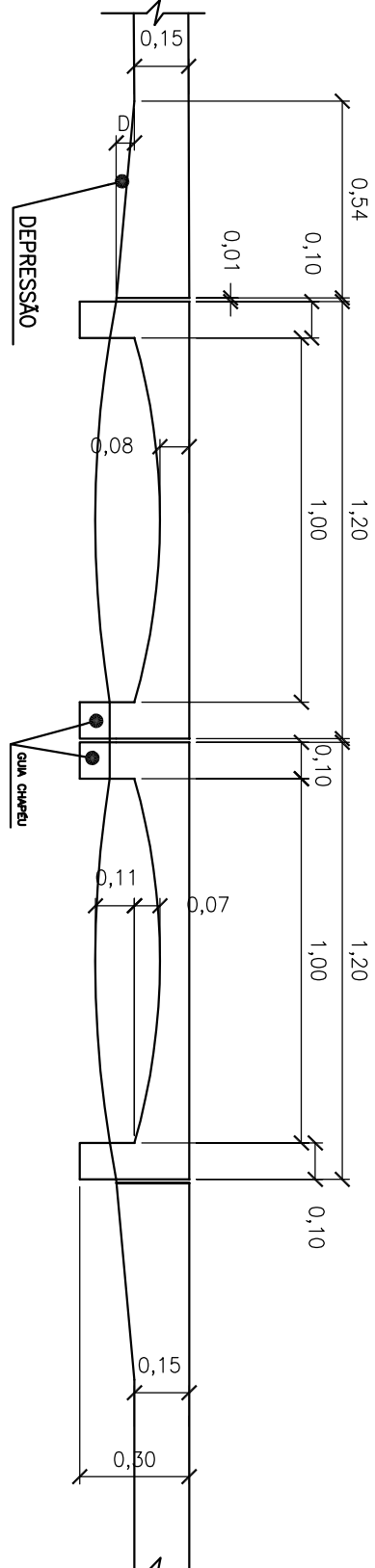
BOCA DE LOBO DUPLA - BLD



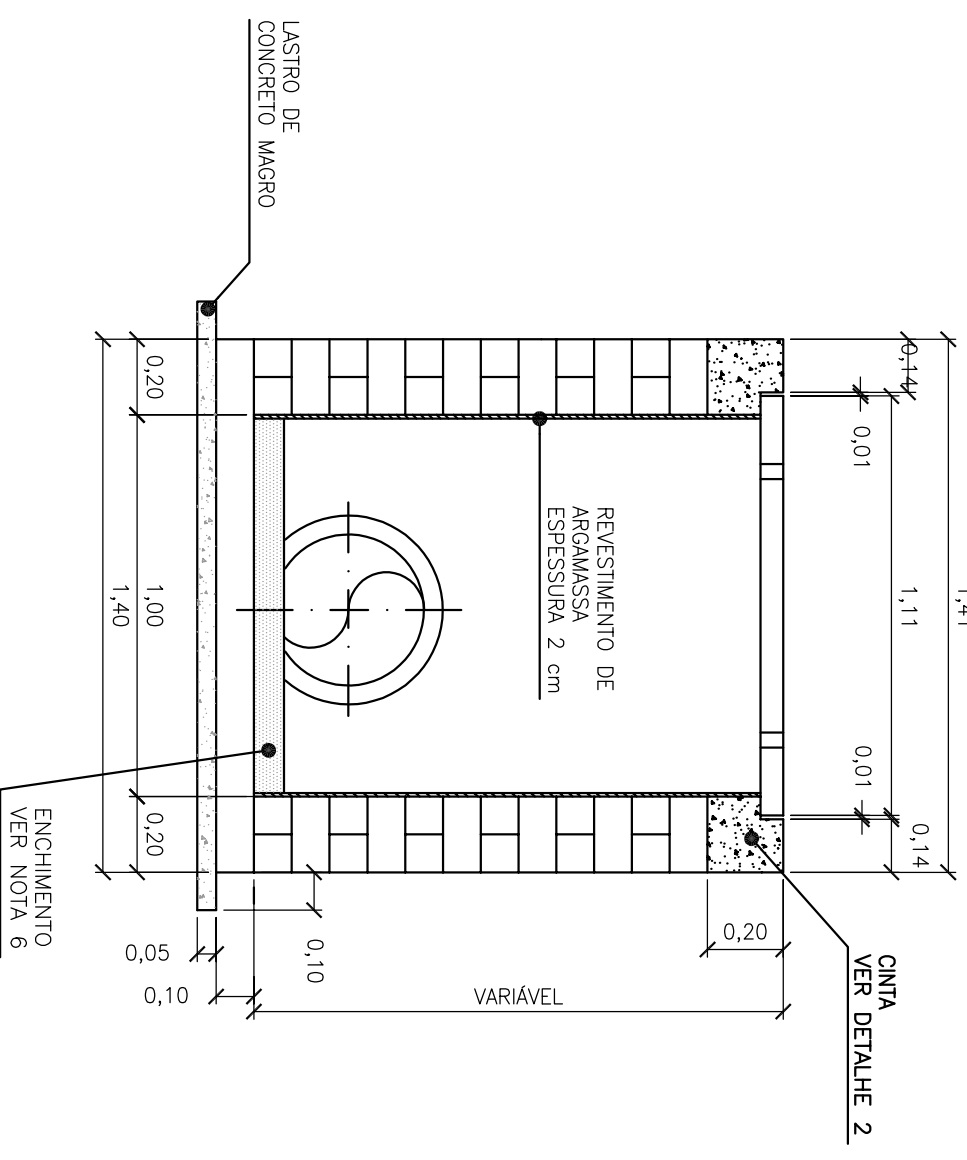
Planta

ESCALA 1 : 2

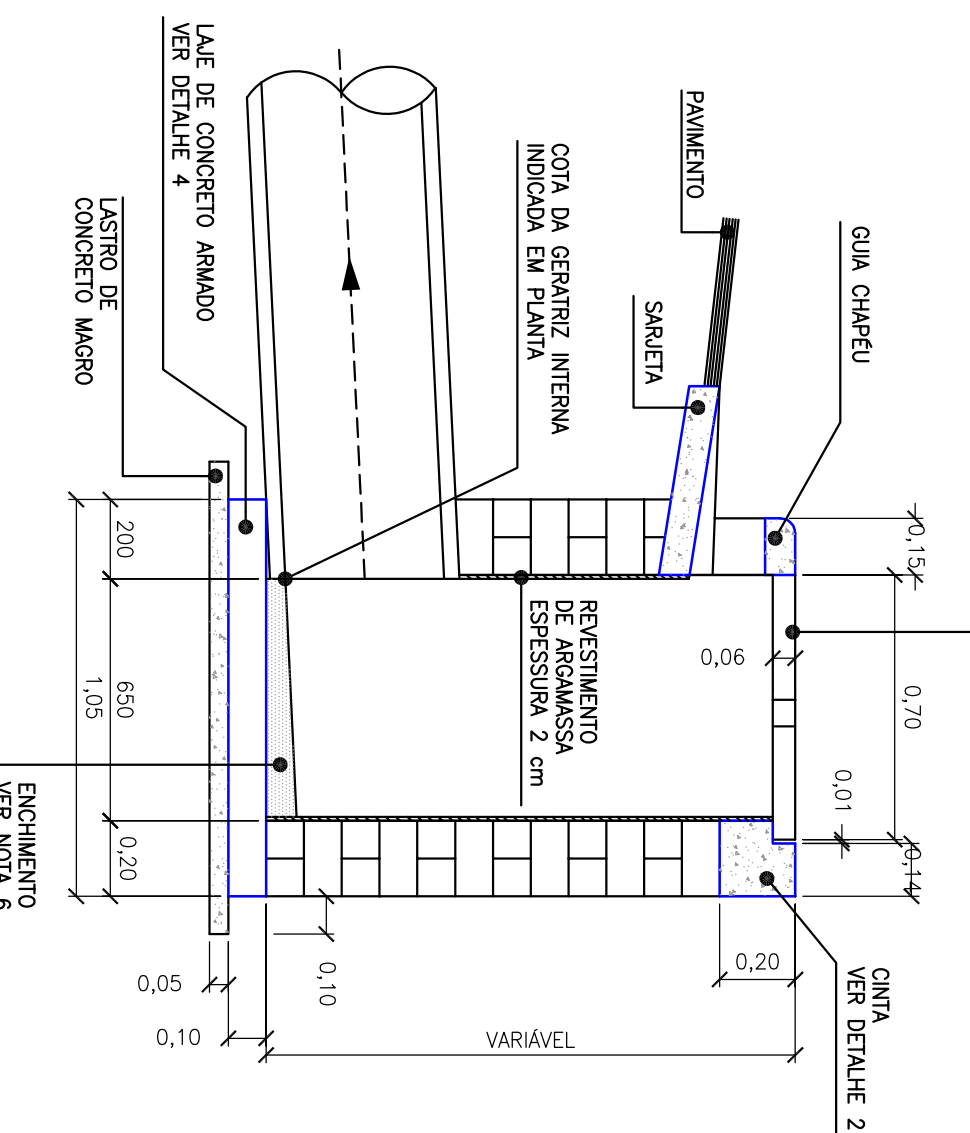
Vista de Frente



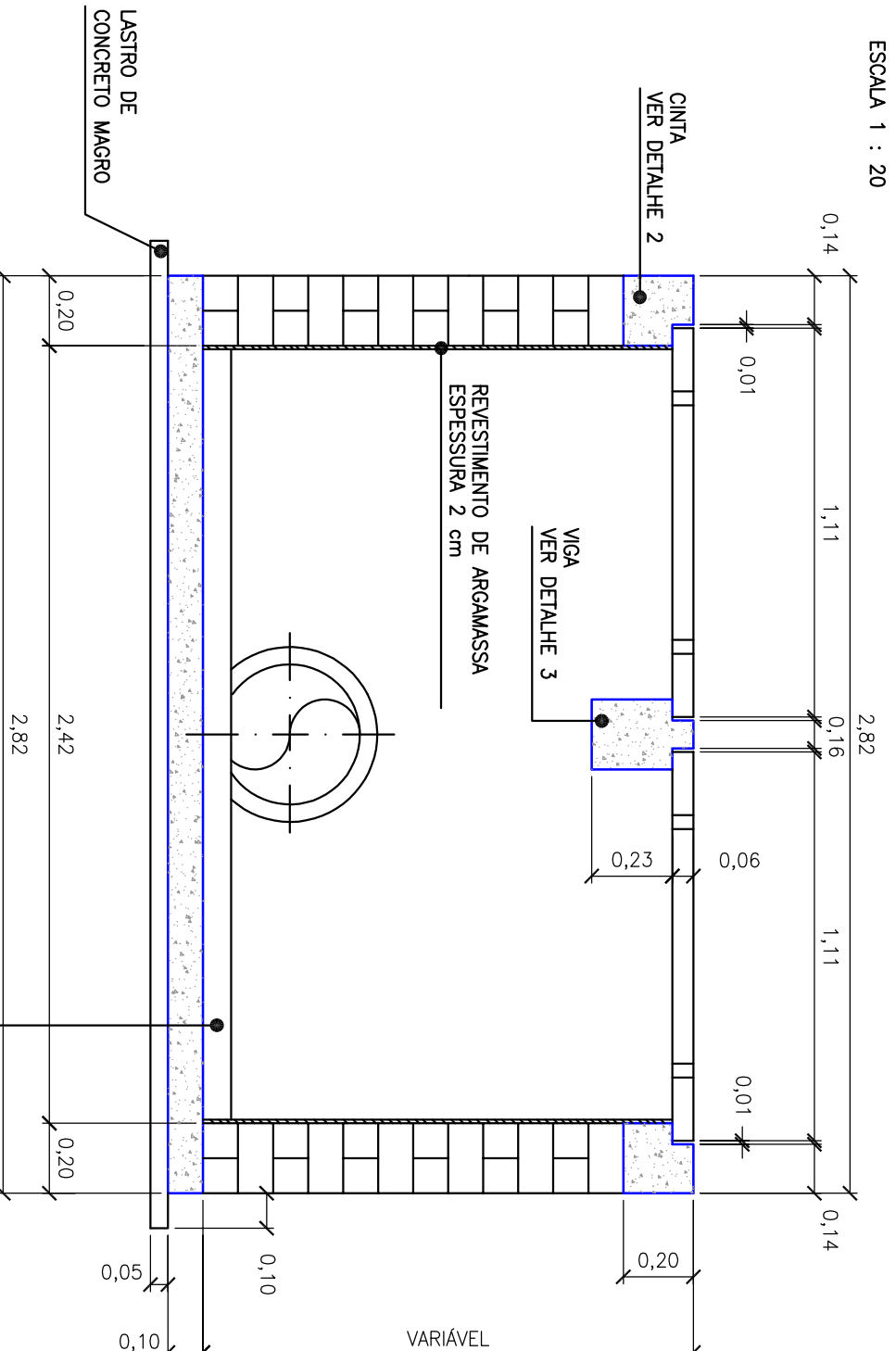
Corte BE
ESCALA 1 : 20



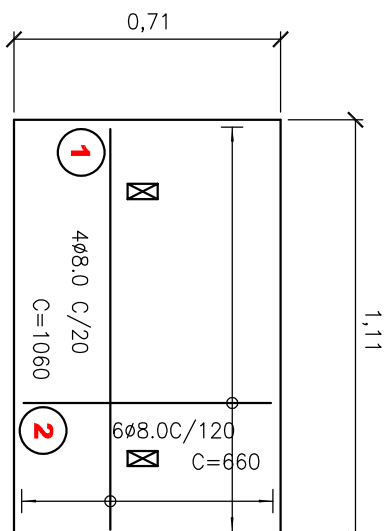
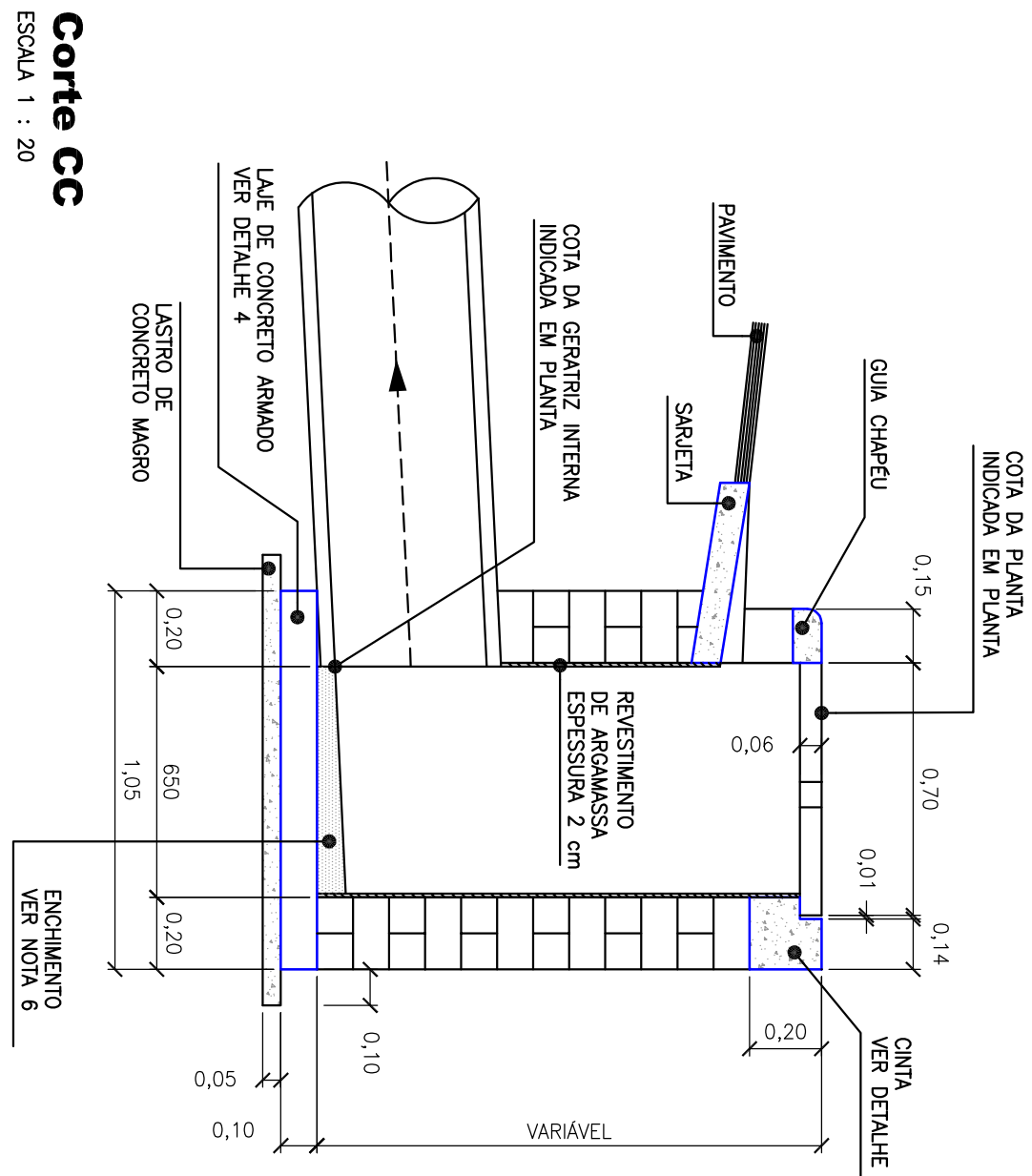
ESCALA 1 : 20



Corte D

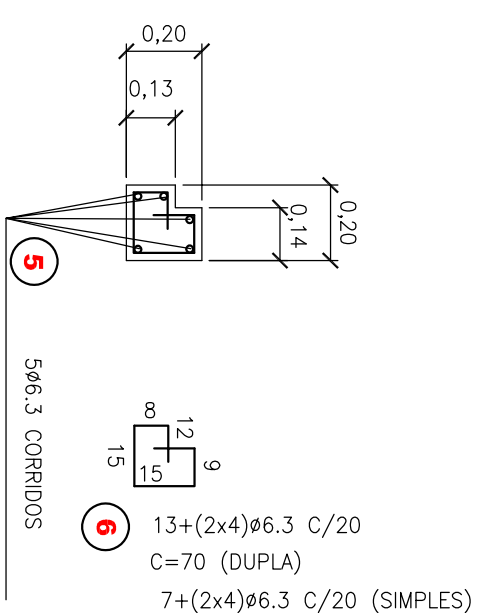


Corte D
ESCALA 1 : 20



Detalhe 1

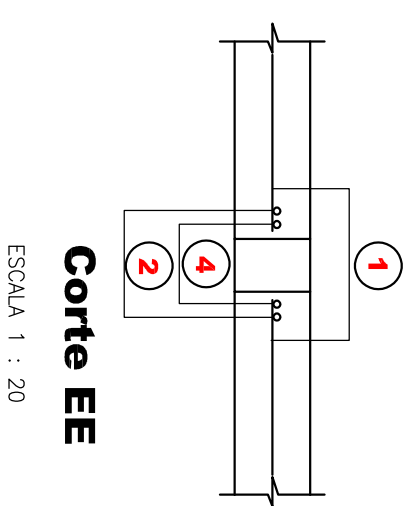
ESCALA 1 : 2



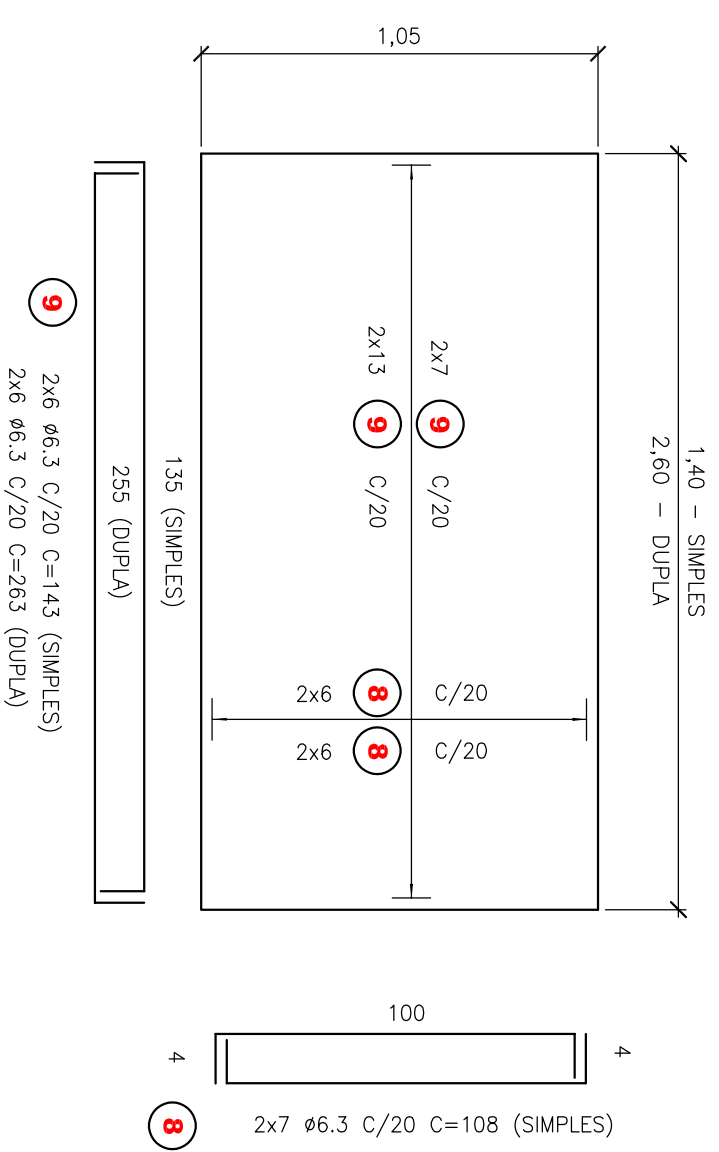
Detalhe 2

Armação da cinta

ESCALA 1 : 2M



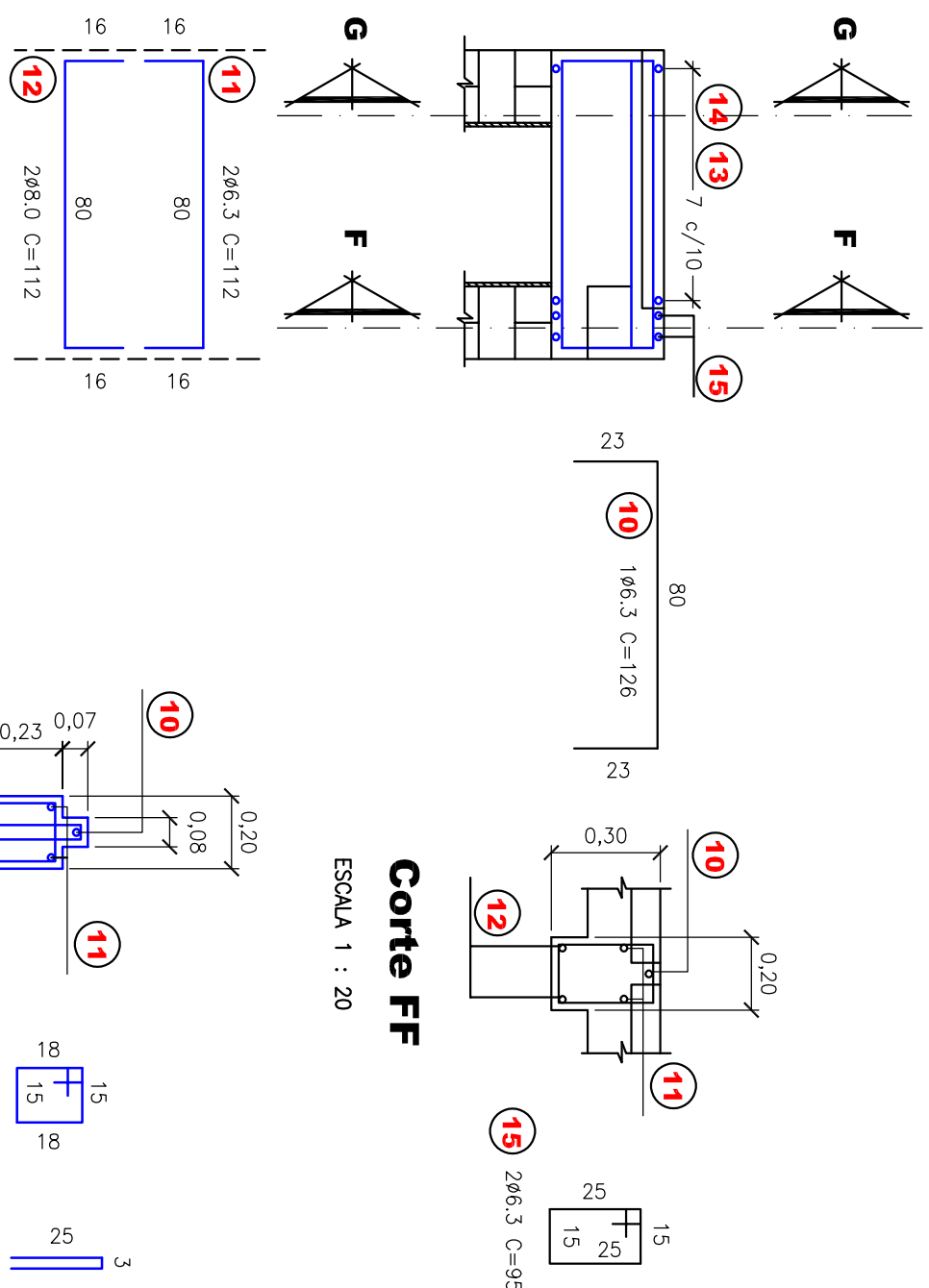
Corte EE



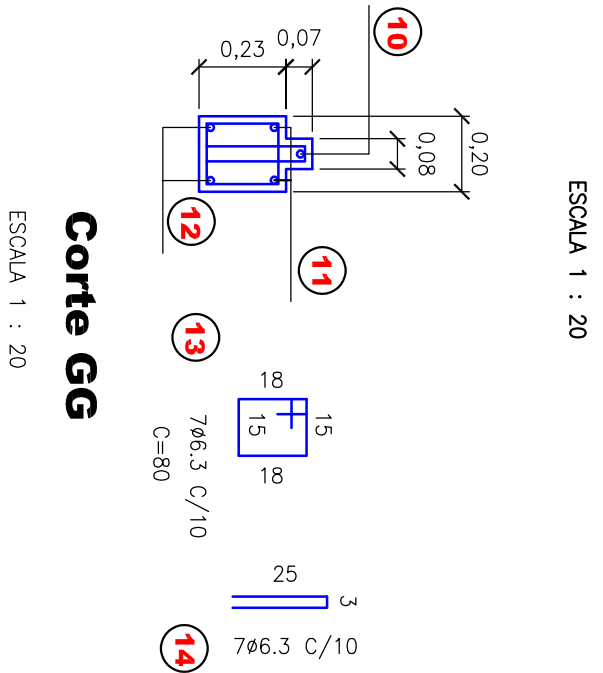
Detalhe 4

Armação da laje do fundo

ESCALA 1 : 20



Corte F1



Detail 3

ESCALA 1 : 2

Corte G
ESCALA 1 : 20



LISTA DE FERROS					
BOCA DE LOBO - DUPLA					
Componentes (ton)					
N	q	QDANT	UNIDMO	TOTM	
1	8,0	8	106	848	
2	8,0	12	86	792	
3	8,0	8	43	344	
4	8,0	8	47	376	
5	6,3	5	CDMR	2150	
6	6,3	21	770	1470	
7	-	-	-	-	
8	6,3	26	106	2068	
9	6,3	12	263	3156	
10	6,3	1	126	176	
11	6,3	2	112	224	
12	6,3	2	112	224	
13	6,3	7	80	560	
14	6,3	7	80	560	
15	6,3	2	86	190	

RESUMO DE ACO			
BOCA DE LOBO - DUPLA			
q	kg/m	CDMR (m)	PIELO (kg)
8,0	0,40	2284	10
PELO TOTAL			38

LISTA DE FERROS				
BOCA DE LOBO - SIMPLES				
COMPONENTES (mm)				
N	9	QUANT	UNITARIO	TOTAL
1	8,0	4	106	424
2	8,0	6	66	396
3	8,0	4	43	172
4	8,0	4	47	188
5	6,3	5	CORR.	1550
6	6,3	15	70	1050
7	6,3	12	1716	20592
8	6,3	14	108	1512
RESUMO DE AÇO				
BOCA DE LOBO - SIMPLES				
9	Max	Mediana (mm)	PSD (mm)	
6,3	0,25	55,38	15	
8,0	0,40	11,90	5	
PSD TOTAL			11,90	20

Notas

1. DIMENSÕES DAS METAIS, EXCETO OITO INDICADO
2. CONCRETO ESTRUTURAL – $f_{ck} = 15 \text{ MPa}$
3. CONCRETO ARMADO – $f_{ck} = 30 \text{ MPa}$
4. AÇO CA – S235
5. REFORÇAMENTO – $\sigma_{sk} = 235 \text{ MPa}$
6. REVESTIMENTO INTERNO E REFORÇAMENTO DO FUNDO DA BOCA DE LOBO COM ARMADURA DE CIMENTO E AÇO TUBO 10 x 1,3
7. DAMELADO MANITO DOS TIPO B DE CONCRETO 40x40x40
8. O REFORÇAMENTO MANITO DO TIPO D DE CONCRETO 30/0
9. O PAVIMENTO SECA DE 20cm
10. TIPOS ATUANTES E RELEVANTES POPULARES SÃO LUGARES
11. A QUALQUER UM DAS DOIS DA BOCA DE LOBO, BOM
12. COLOREIROS VARIÁVEIS CONDIÇÃO DE NECESSIDADES