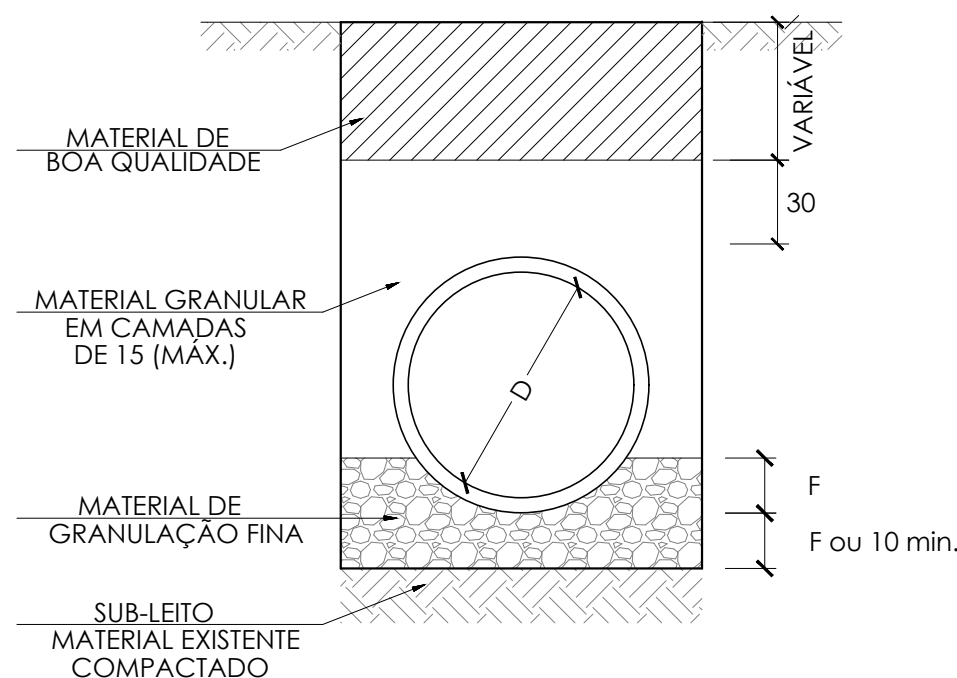
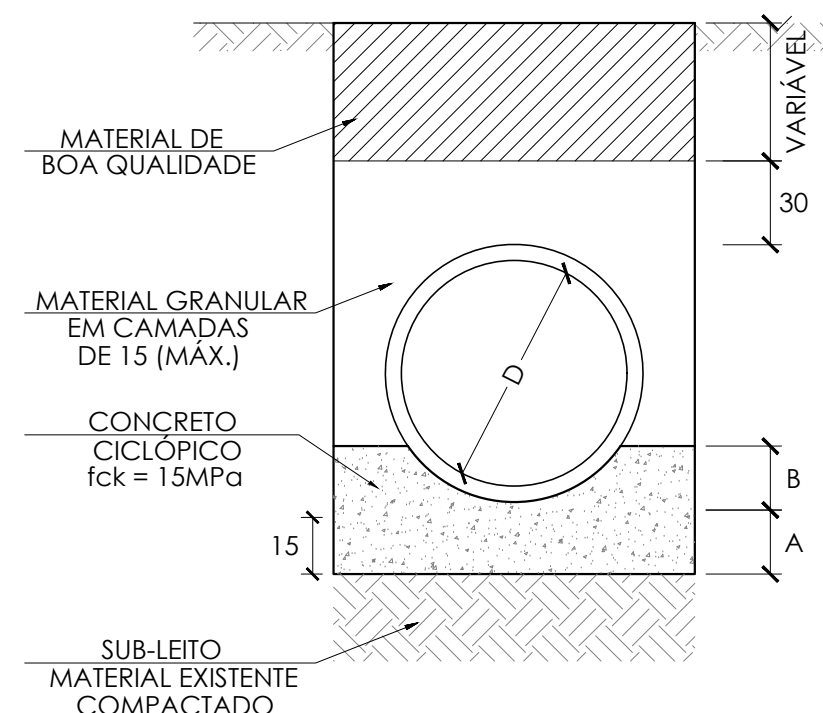
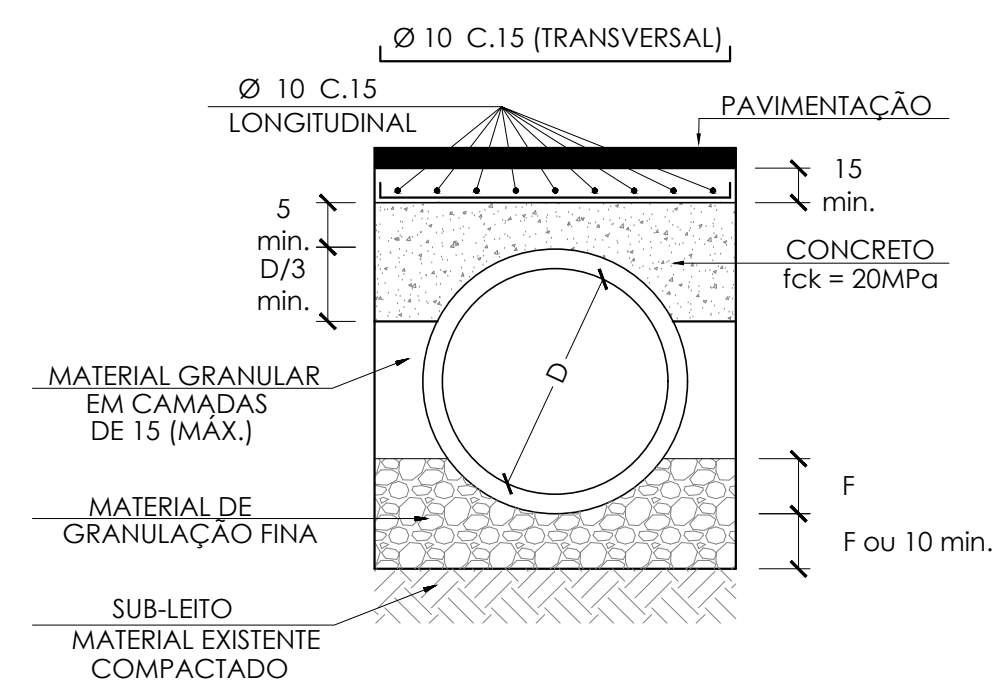
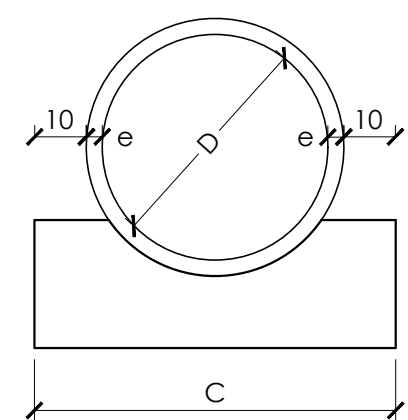
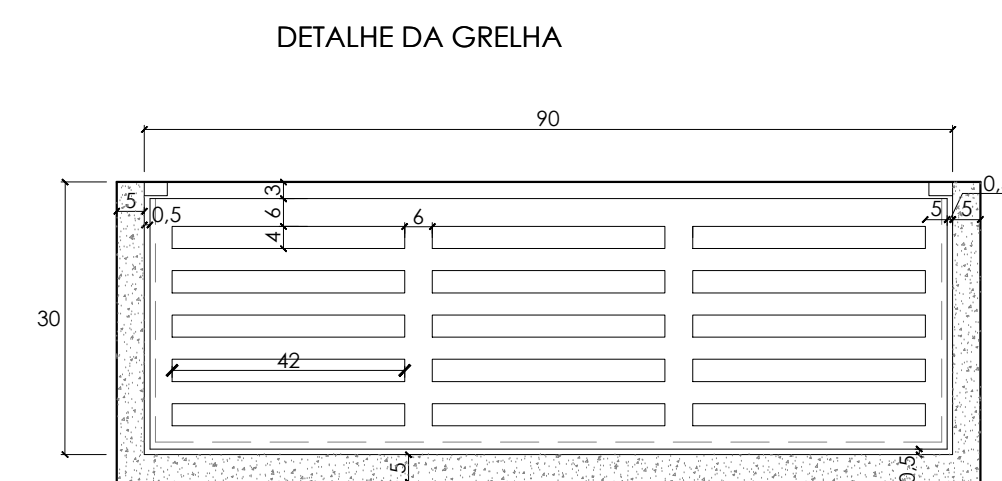
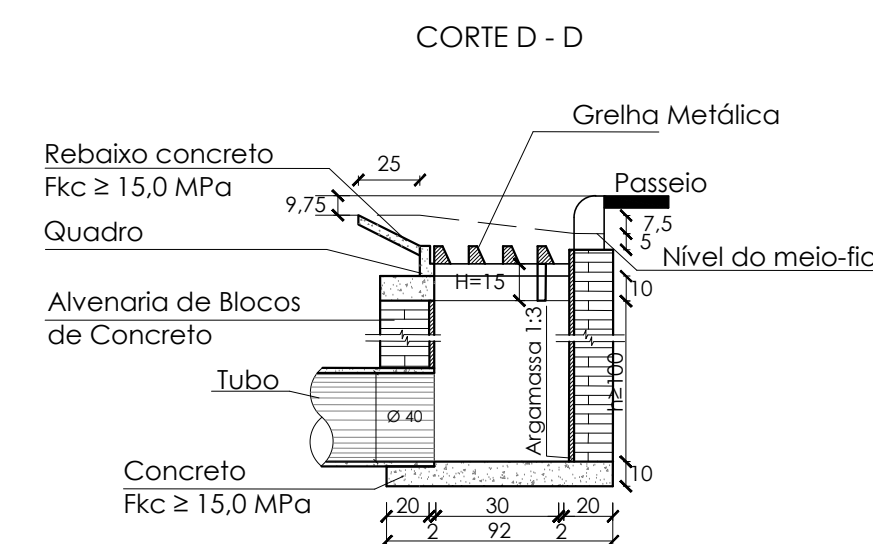
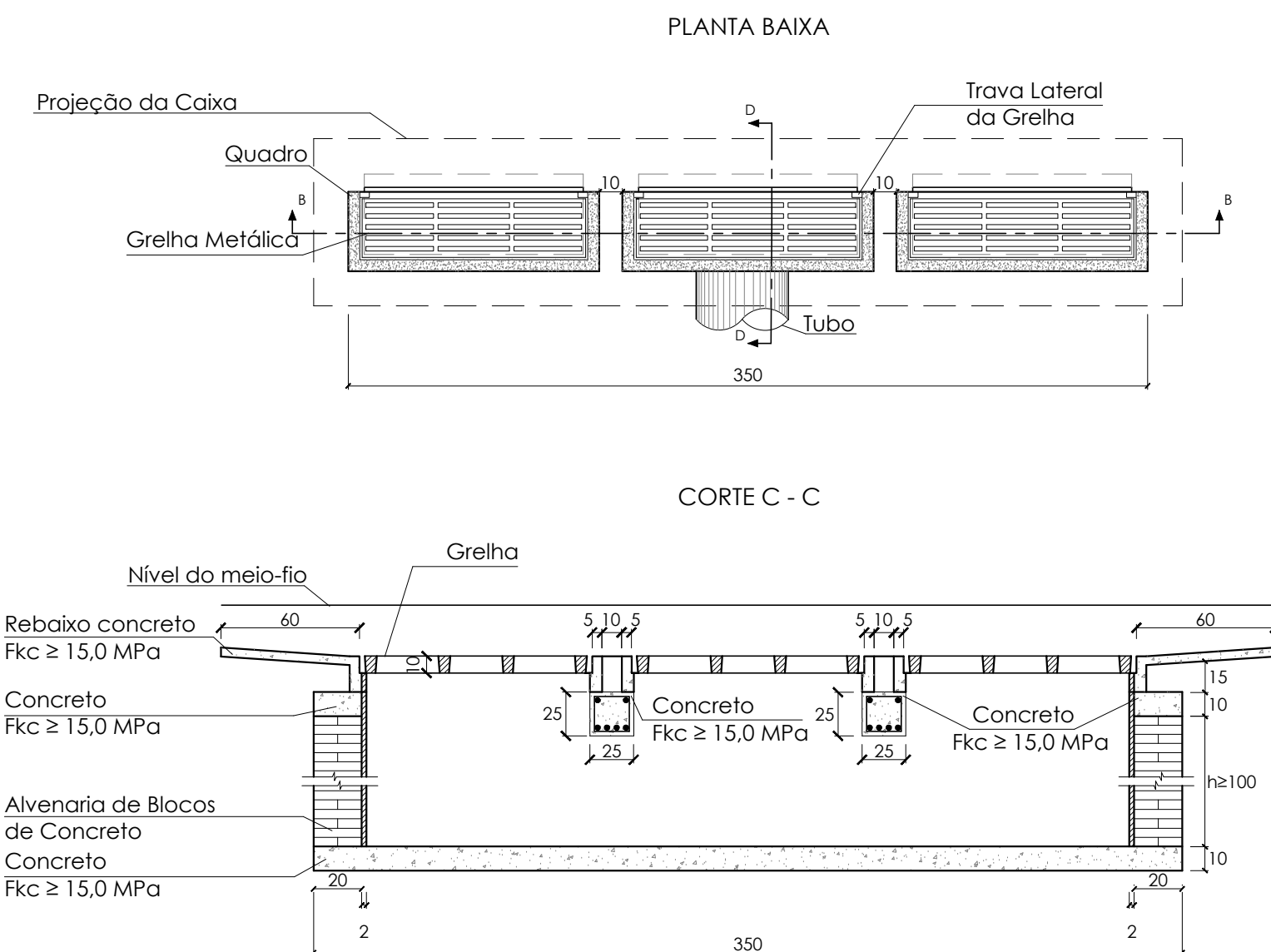
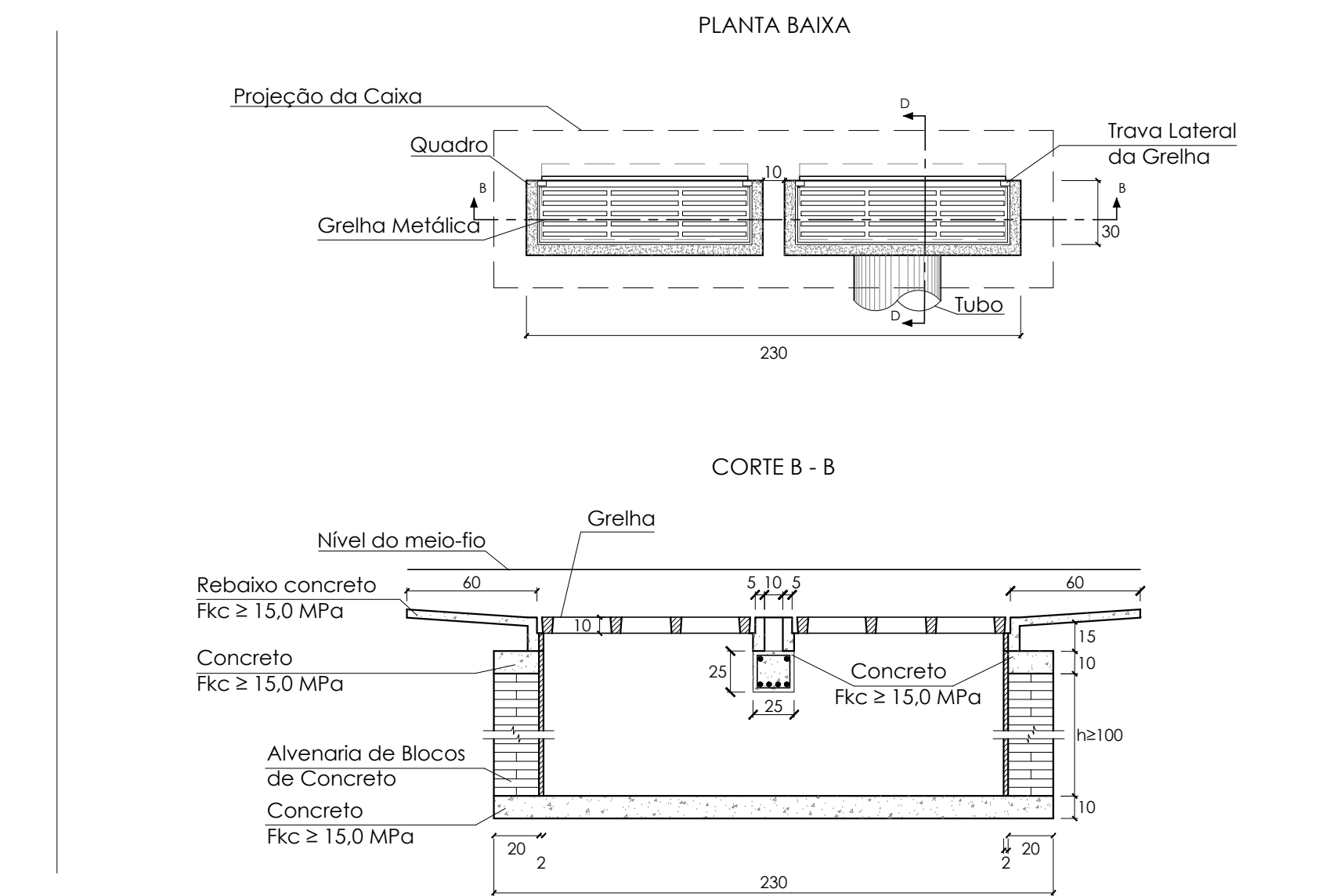


NOTAS:

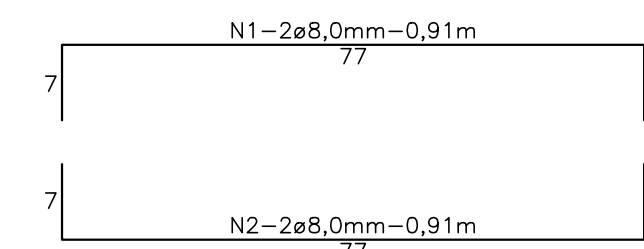
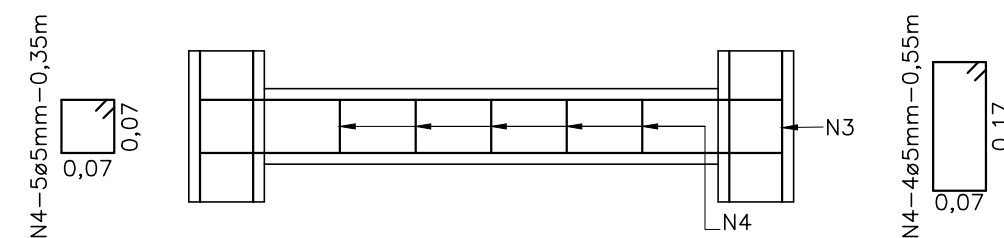
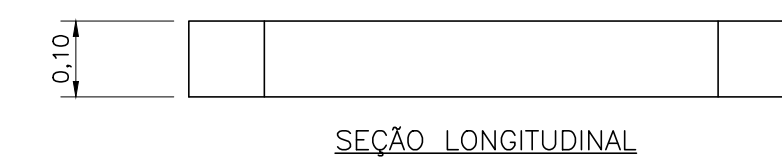
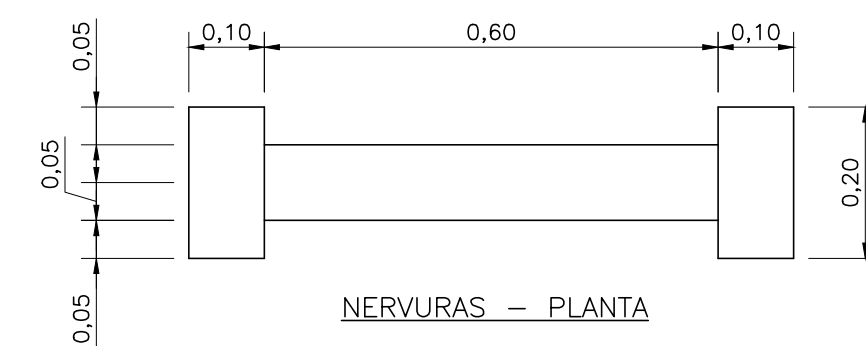
1. DIMENSÕES E ELEVAÇÕES EM CENTÍMETRO, EXCETO ONDE INDICADO.



DIMENSÕES (cm)					
Diâmetro	A	B	C	e	F
40	10	13	72	6	9
60	15	19	96	8	13
80	20	25	120	10	17
100	25	31	144	12	21
120	30	37	166	13	25
150	38	45	198	14	30

NERVURAS EM CONCRETO - PLANTA

BLOCO 20x20x40




N	ø (mm)	COMP. (m)	PESO UN. (kg/m)	PESO TOTAL (kg)
1	8,0	1,82	0,40	0,73
2	8,0	1,82	0,40	0,73
3	5,0	2,20	0,16	0,35
4	5,0	1,75	0,16	0,28
TOTAL				2,09

NOTAS:

1. VOLUME NERVURA (1 UNIDADE)
 $V = [0,10 \times 0,20 \times 0,10] \times 2 + [0,60 \times 0,10 \times 0,10] = 0,01\text{m}^3$
2. FORMA NERVURA (1 UNIDADE)
 $A = 0,80 \times 2 \times 0,10 + 0,05 \times 4 \times 0,10 + 0,20 \times 0,10 \times 2 = 0,22\text{m}^2$
3. $f_{ck} > 20\text{MPa}$

0	15/08/2019	EMISSÃO INICIAL
REV	DATA	DESCRIÇÃO

	PROFEITURA NITERÓI FEITA POR VOCÊ	<h1 style="margin: 0;">EMUSA</h1>
LOCAL DA OBRA		
MARALEGRE 2		
TÍTULO		
PROJETO BÁSICO DE DRENAGEM E PAVIMENTAÇÃO DIVERSAS RUAS DE MARALEGRE 2		
DETALHE: CAIXA DE RALO, ASSENTAMENTO DE TUBO E NERVURAS		