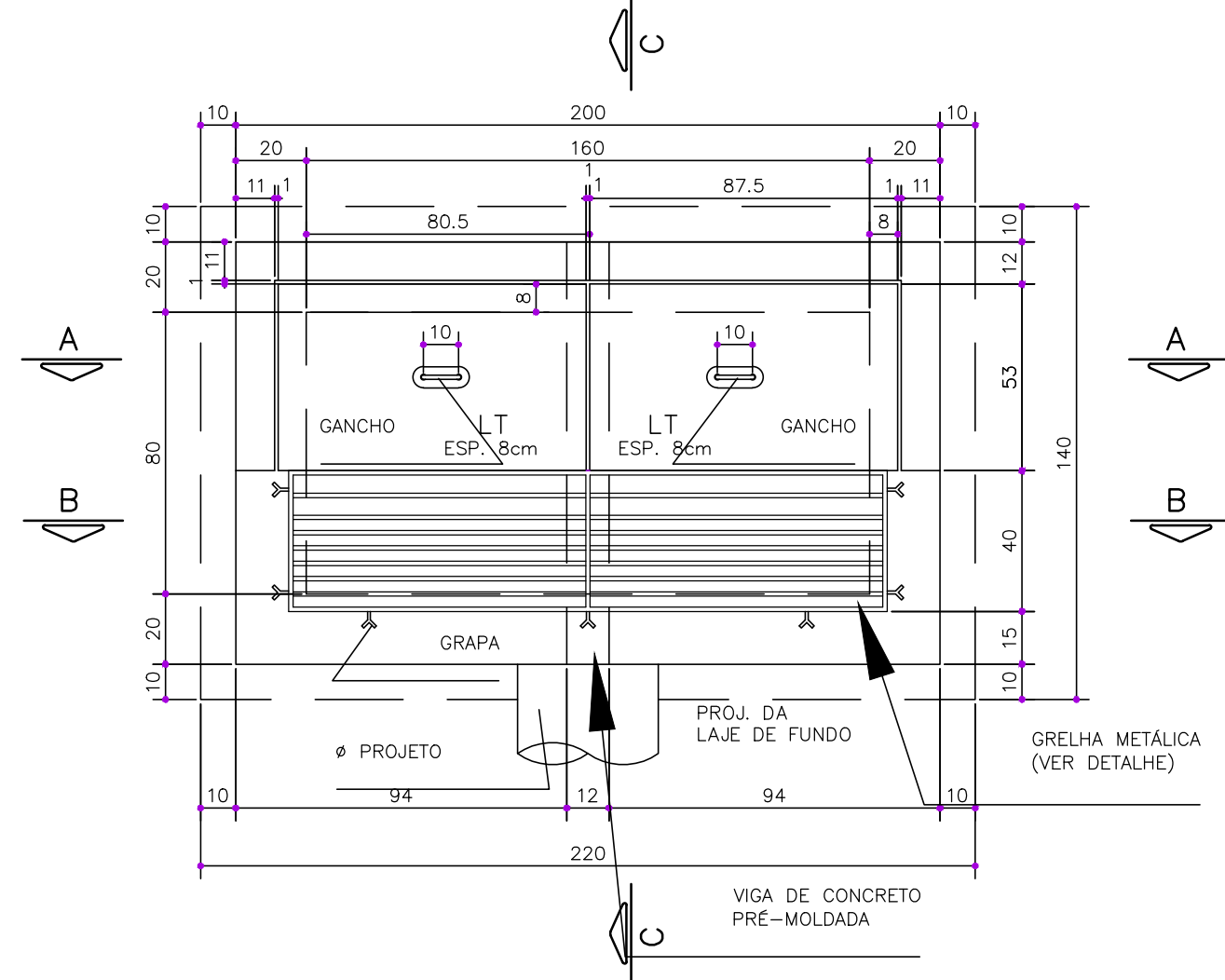


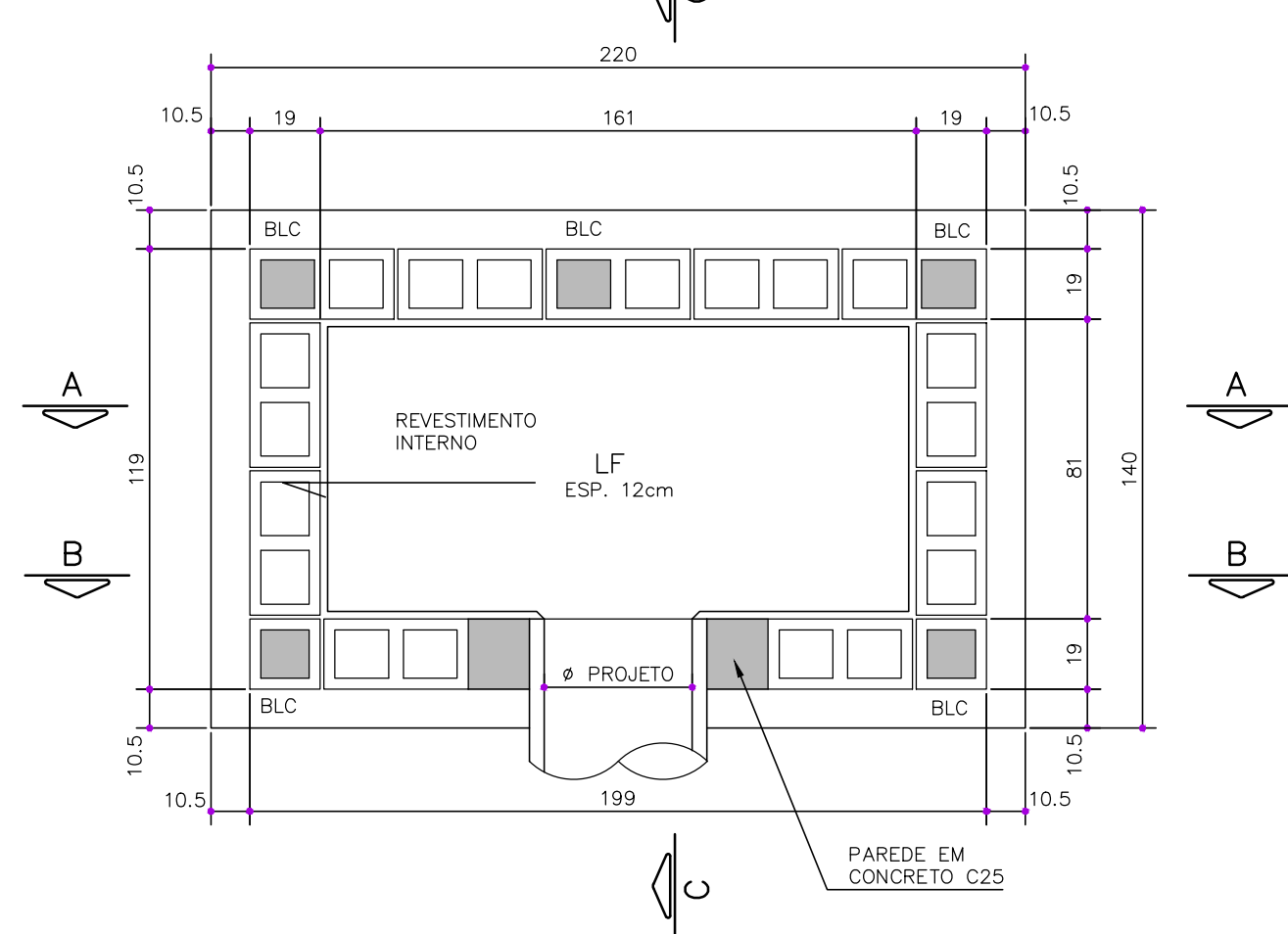
BOCA DE LOBO DUPLA (BLD) – 10x
PLANTA DE TOPO

ESC. 1: 20



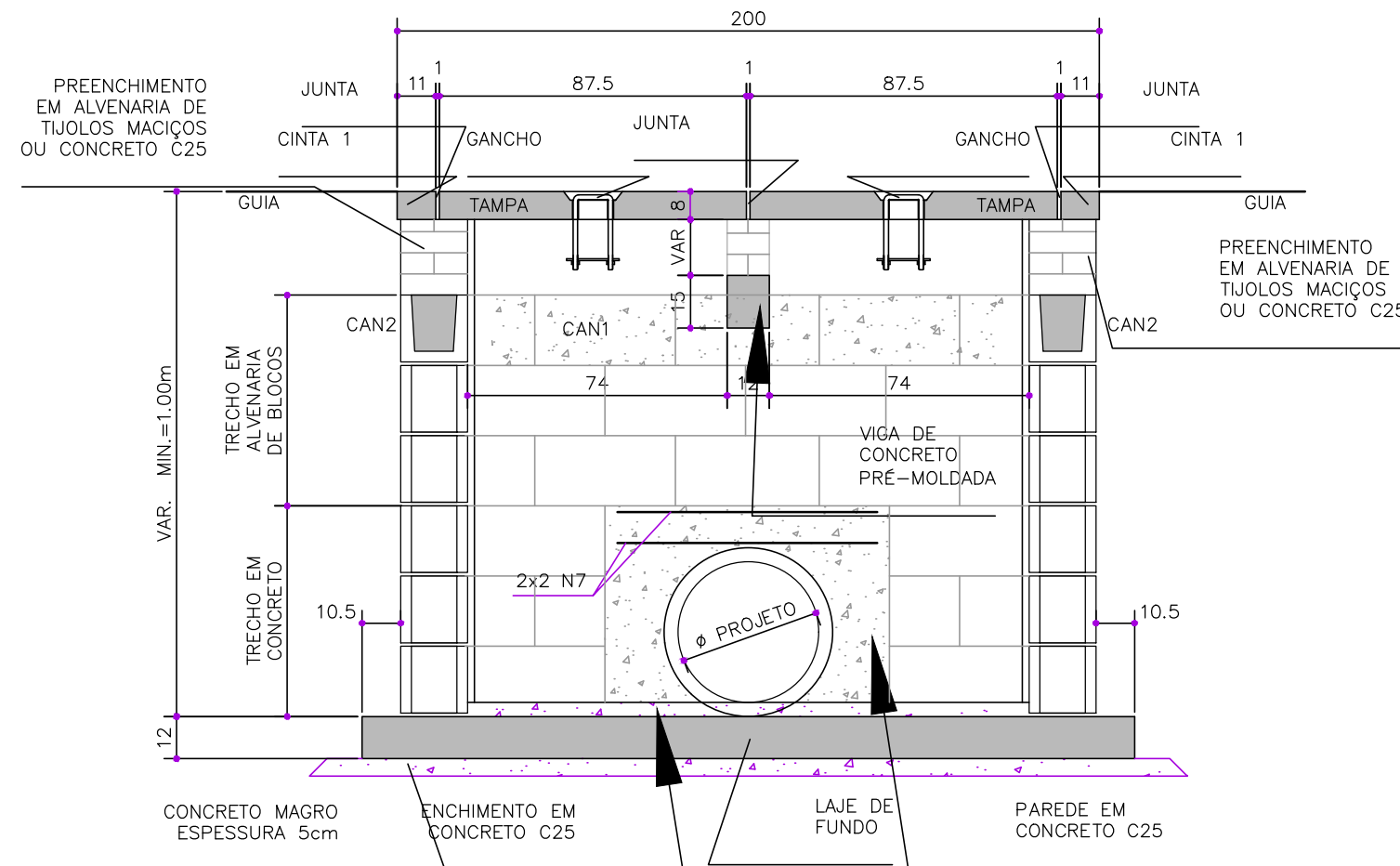
PLANTA DE FUNDO

ESC. 1: 20



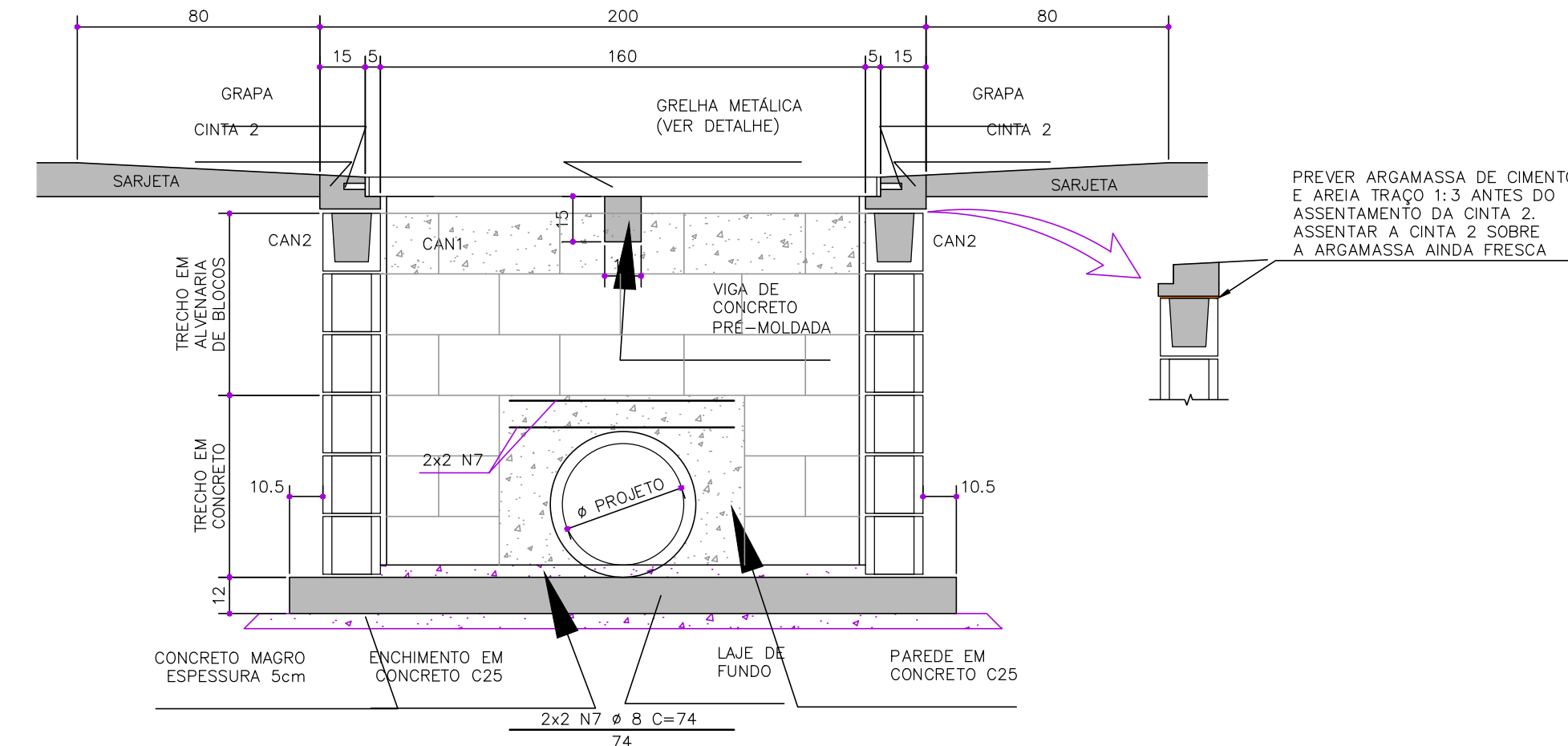
CORTE A-A

ESC. 1: 20



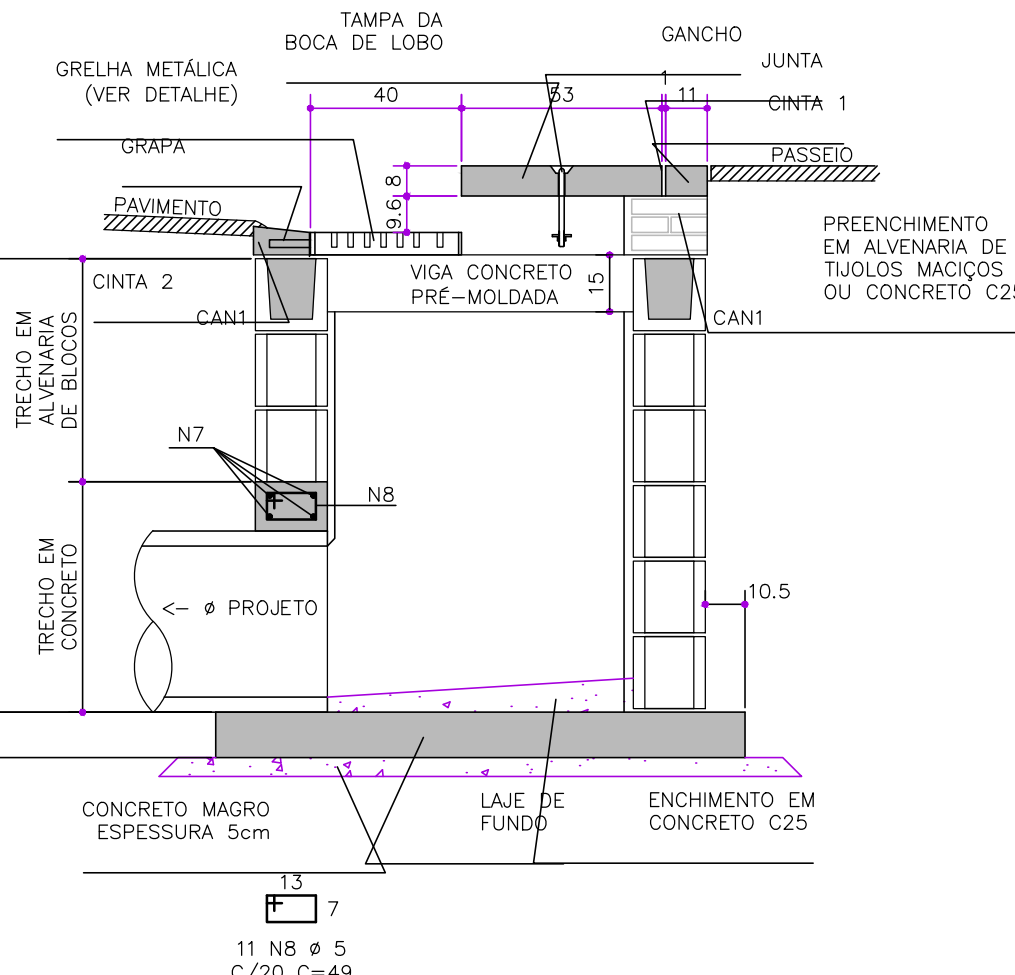
CORTE B-B

ESC. 1: 20



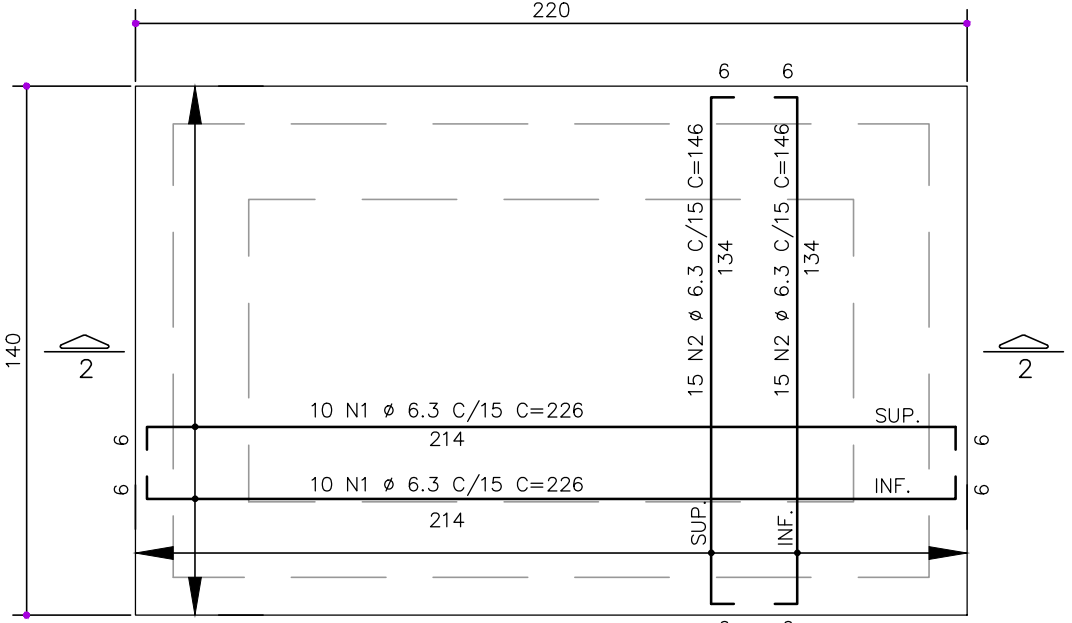
CORTE C-C

ESC. 1: 20



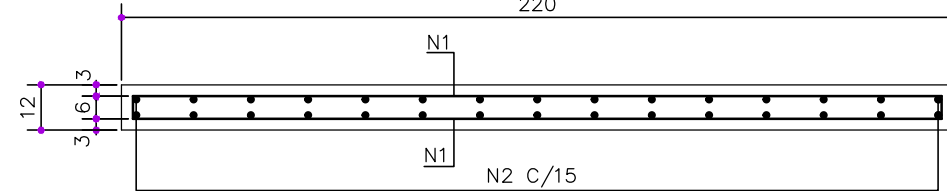
ARMADURA DA LAJE DE FUNDO

ESC. 1: 20



CORTE 2-2

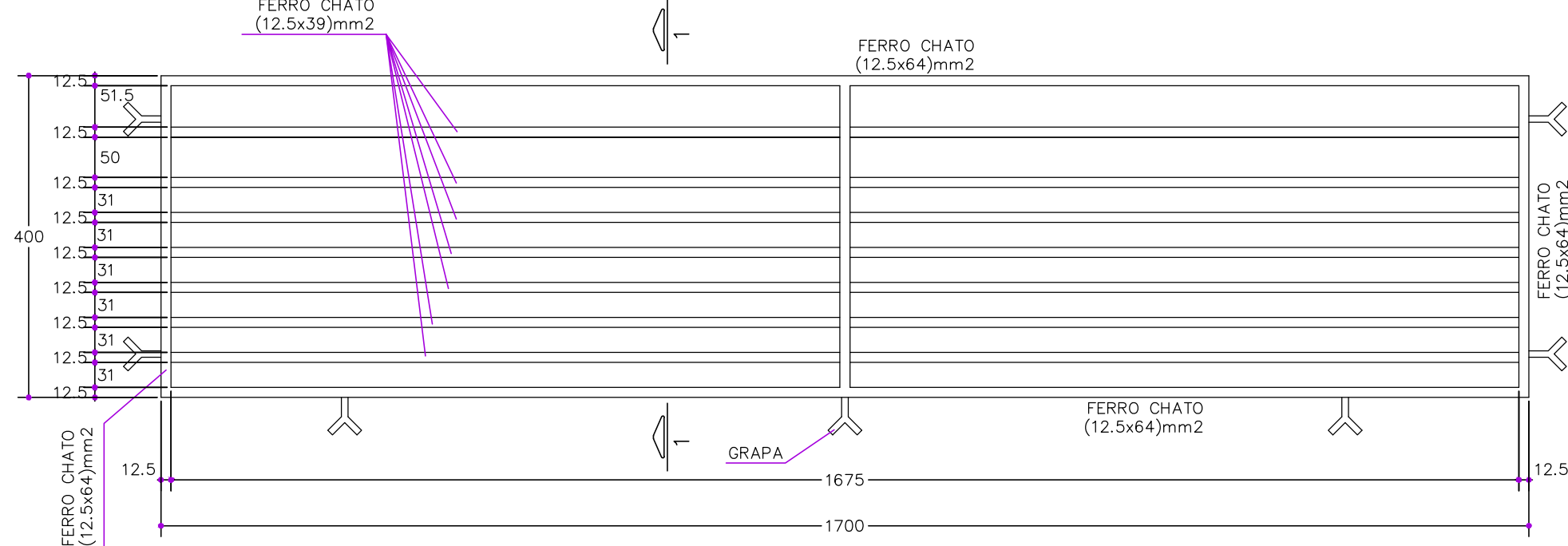
ESC. 1: 20



DETALHE DA GRELHA DA BOCA DE LOBO DUPLA

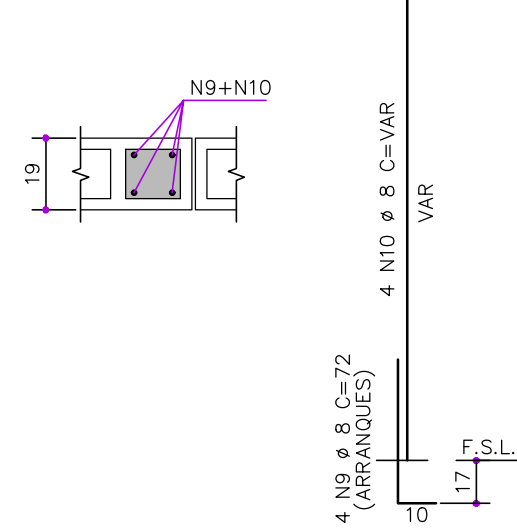
DIMENSÕES EM MILÍMETROS

ESC. 1: 7,5



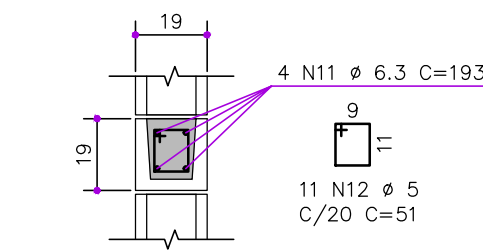
ARMADURA DO BLC (5x)

ESC. 1: 20



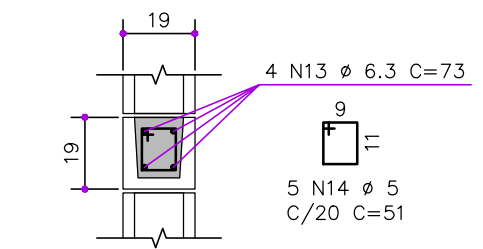
ARMADURAS DA CAN1 (2x)

ESC. 1: 20



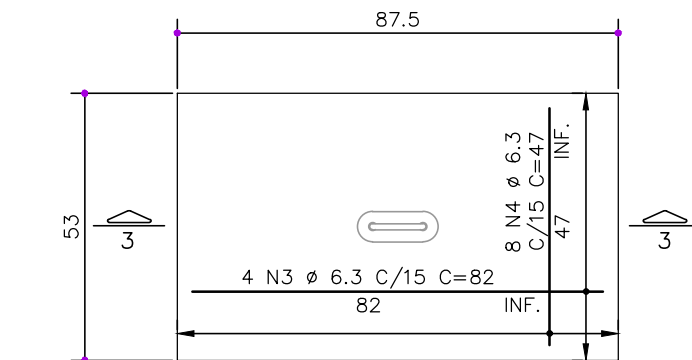
ARMADURAS DA CAN2 (2x)

ESC. 1: 20



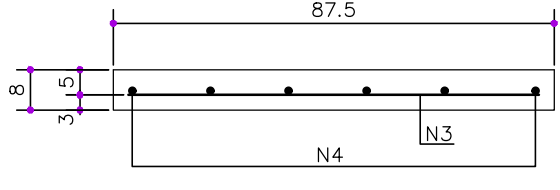
ARMADURA DA LAJE DE TAMPA (2x)

ESC. 1: 15



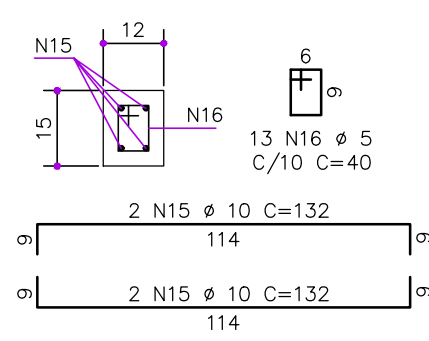
CORTE 3-3

ESC. 1: 15



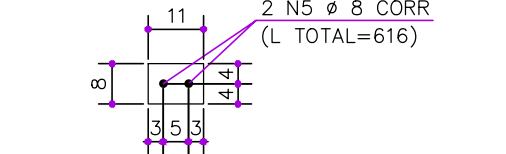
ARMADURA DA VIGA PRÉ-MOLDADA

ESC. 1: 15



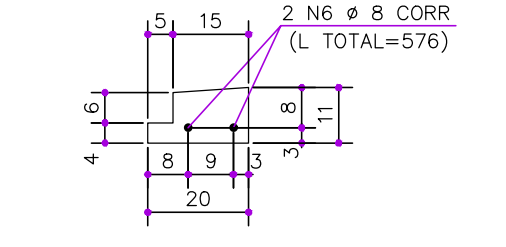
ARMADURA DA CINTA 1

ESC. 1: 15



ARMADURA DA CINTA 2

ESC. 1: 15



DIÂMETRO DOS PINOS DE DOBRAMENTOS
P/ AS BARRAS

BITOLA (mm)	TIPO DO AÇO		
	CA-25	CA-50	CA-60
< 20	4 Ø	5 Ø	6 Ø
>= 20	5 Ø	8 Ø	--

DIÂMETRO DOS PINOS DE DOBRAMENTOS
P/ OS ESTRIBOS

BITOLA (mm)	TIPO DO AÇO		
	CA-25	CA-50	CA-60
<= 10	3 Ø	3 Ø	3 Ø
10 < Ø < 20	4 Ø	5 Ø	--
>= 20	5 Ø	8 Ø	--

Øt = DIÂMETRO DO ESTRIBO

ESPECIFICAÇÃO DE MATERIAIS:

- 1- CONCRETO PARA LASTRO, C10 fck = 10MPa, FATOR A/C <= 0,60
CONSUMO MÍNIMO DE CIMENTO DE 250 kgf/m³
- 2- CONCRETO ESTRUTURAL C25 fck = 25MPa, FATOR A/C <= 0,55
CONSUMO MÍNIMO DE CIMENTO DE 330 kgf/m³
- 3- AÇO CA-50 fyk>=500MPa
- 4- COBRIMENTO DA ARMADURA: 3,5cm

TABELA DE AÇO					
ELEMENTO	N	Ø	QUANT.	COMP. UNIT.	COMP. TOTAL
BLD	1	6.3	200	226	45200
	2	6.3	300	146	43800
	3	6.3	80	82	6560
	4	6.3	160	47	7520
	5	8	20	CORR	6160
	6	8	20	CORR	5760
	7	8	40	74	2960
	8	5	110	49	5390
	9	8	40	72	2880
	10	8	40	VAR	0
	11	6.3	80	193	15440
	12	5	220	51	11220
	13	6.3	80	73	5840
	14	5	50	51	2550
	15	10	40	132	5280
	16	5	130	40	5200

RESUMO DO AÇO CA50		
Ø	COMP. TOTAL	PESO kgf.
6.3	1741.6	430
8	4598.4	1820
10	1044	640
TOTAL		2890 kg

RESUMO DO AÇO CA60		
Ø	COMP. TOTAL	PESO kgf.
5	591.4	90
TOTAL		90 kg

0

EMISSÃO INICIAL

20/05/2020

REVISÃO

MODIFICAÇÃO

DATA

ZACARIN

ENGENHARIA DE FUNDAÇÕES

S. J. RIO PRETO SP – FONE (17) 3222-7130

CLIENTE

RUMO LOGISTICA S/A

OBRA

SISTEMA DE DRENAGEM DE ÁGUAS PLUVIAIS

LOCAL

ESTAÇÃO FERROVIÁRIA SÃO CARLOS – KM 205

ASSUNTO

PROJETO EXECUTIVO
DETALHAMENTO DAS BOCAS DE LOBO DUPLA

DATA

MAI/2020

ESCALA

INDICADA

DESENHO

ENG. BRUNO

REVISÃO/DATA

0-20/05/2020

VISTO RESP. TEC.

FOLHA

16

RUMO-SC-DETALHES-FL16.dwg