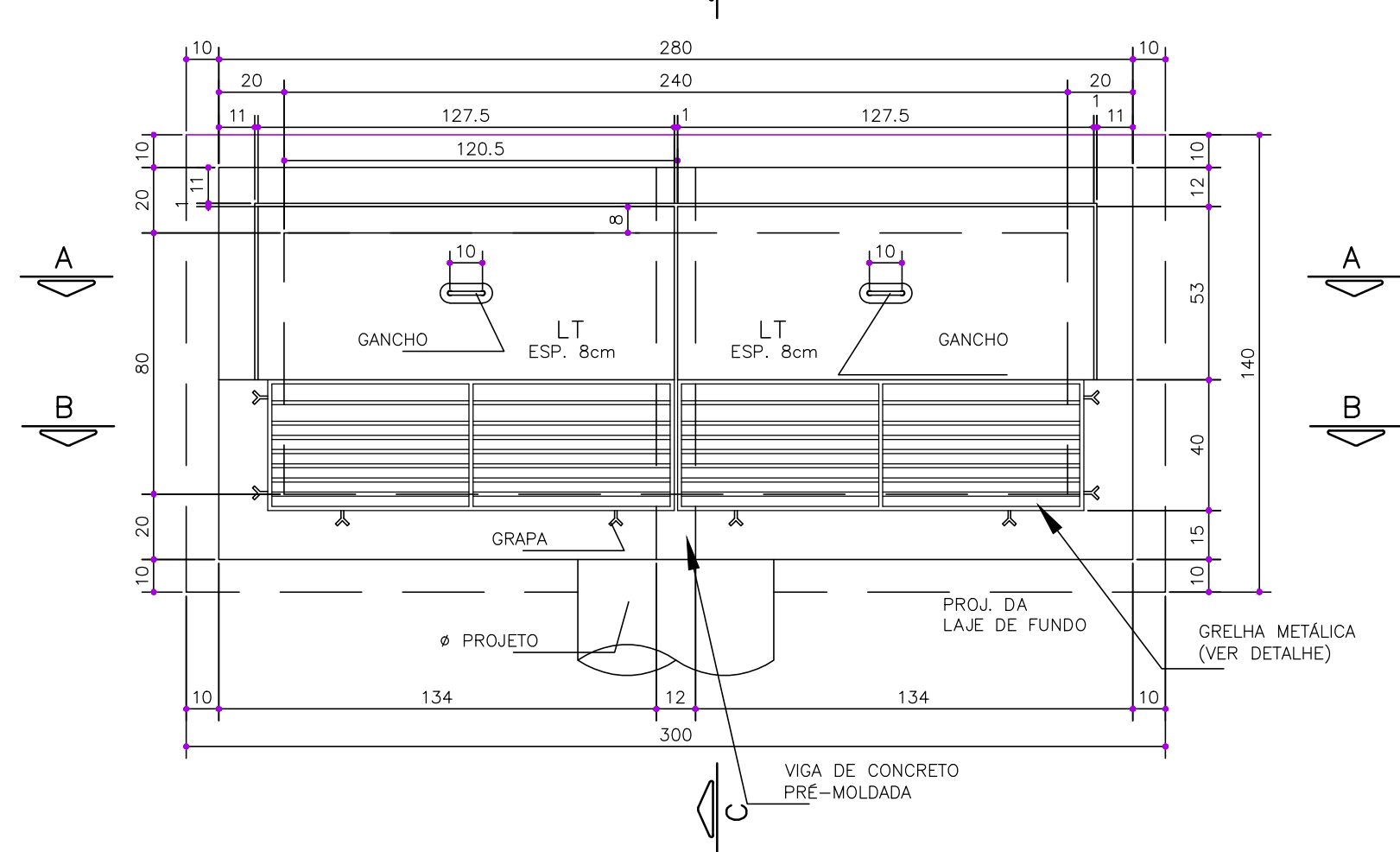


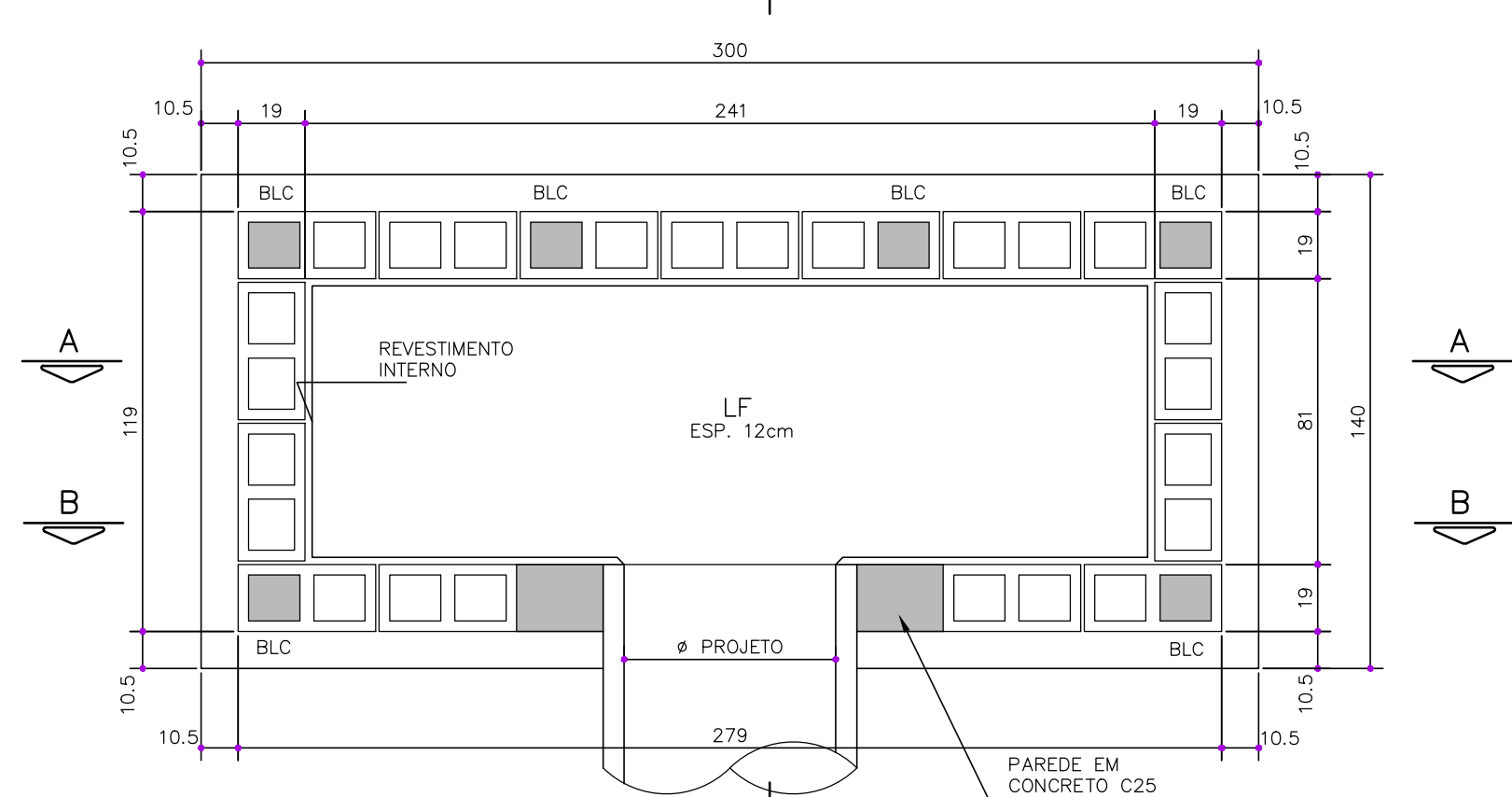
BOCA DE LOBO TRÍPLA (BLT)  
PLANTA DE TOPO

ESC. 1: 20



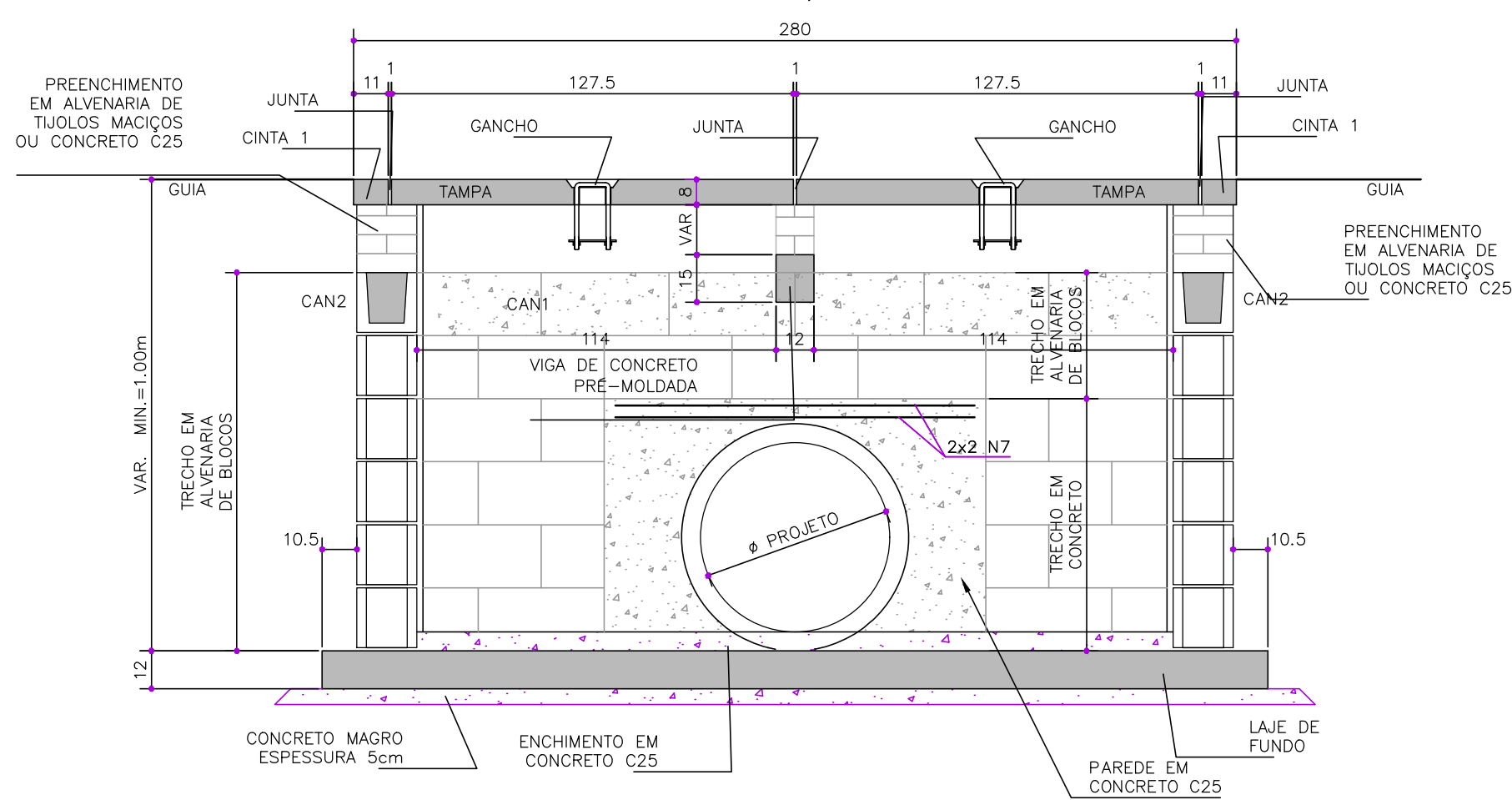
PLANTA DE FUNDO

ESC. 1: 20



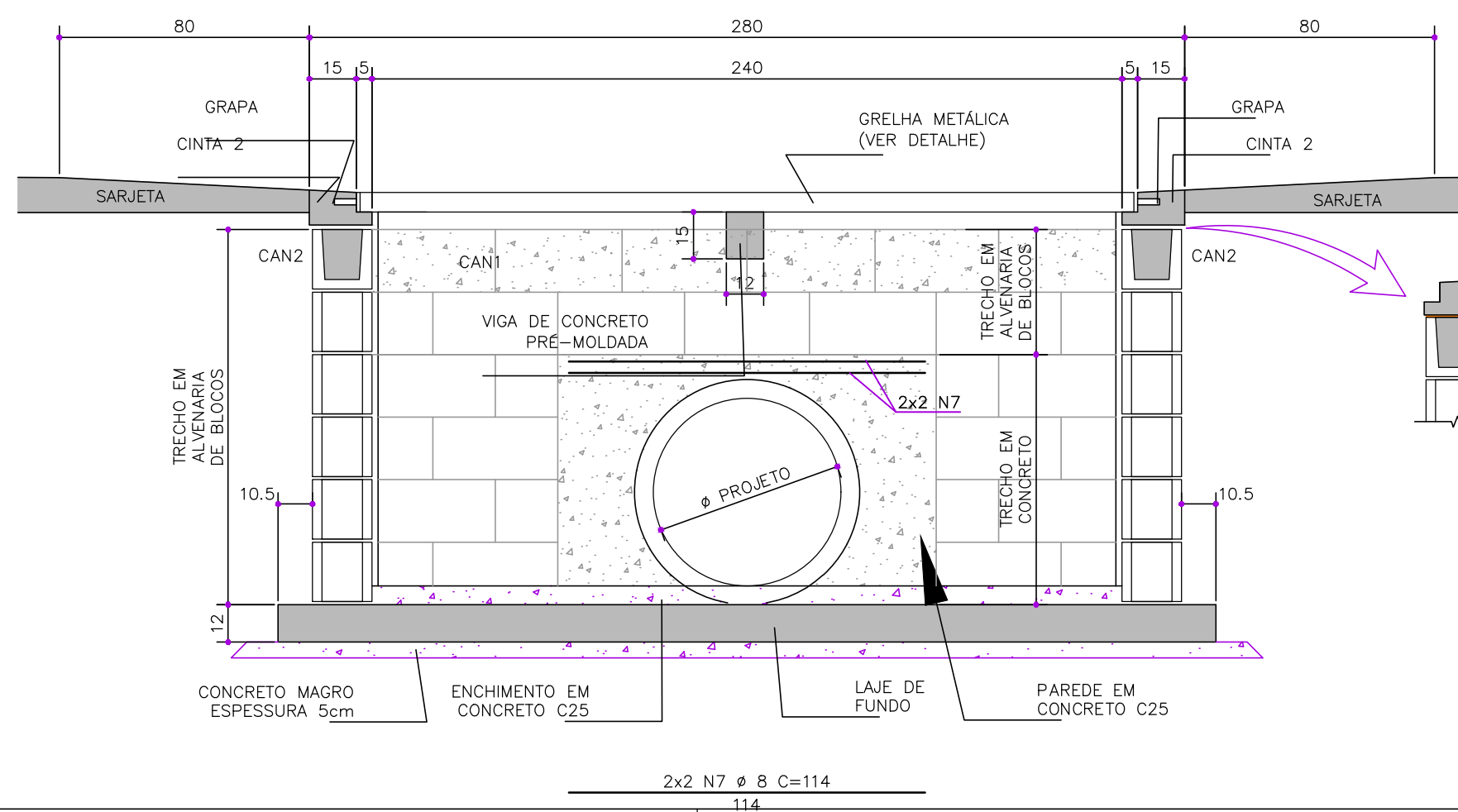
CORTE A-A

ESC. 1: 20



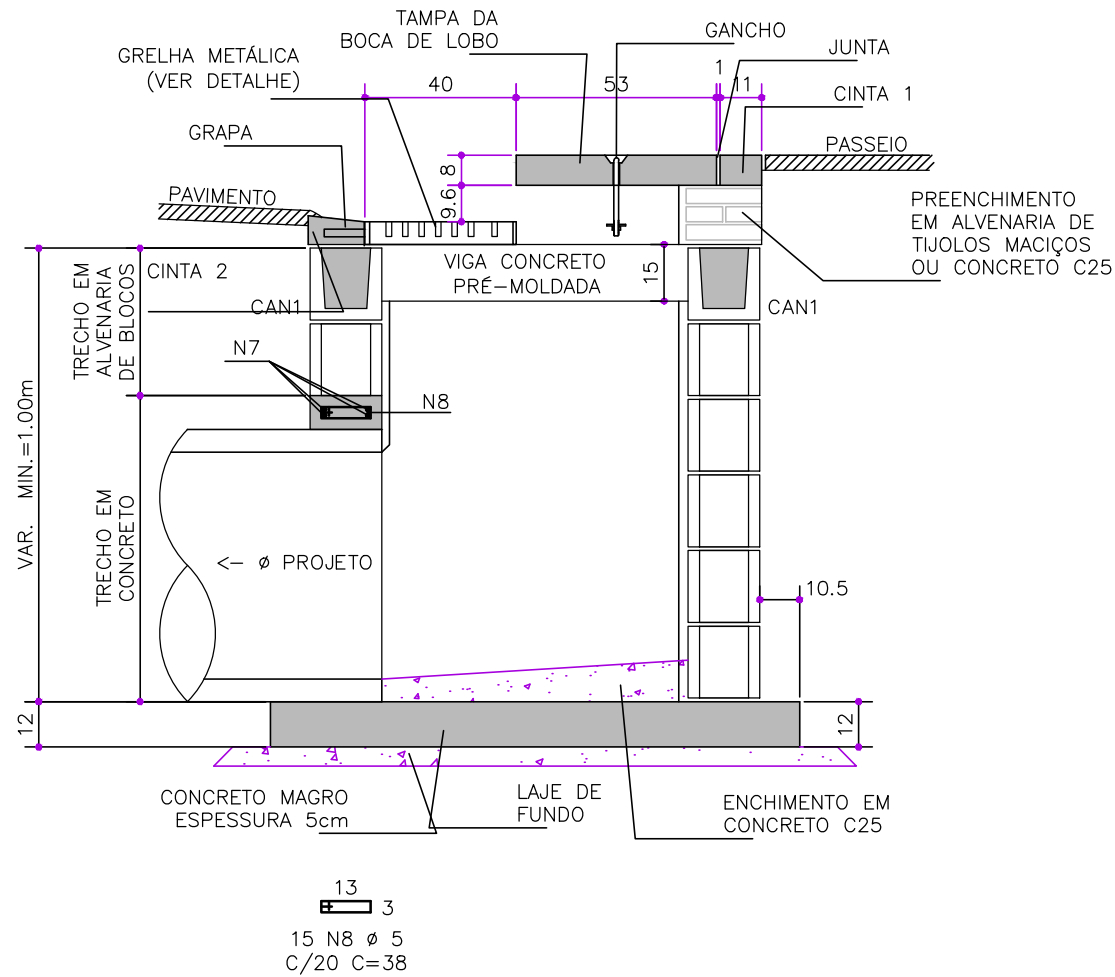
CORTE B-B

ESC. 1: 20



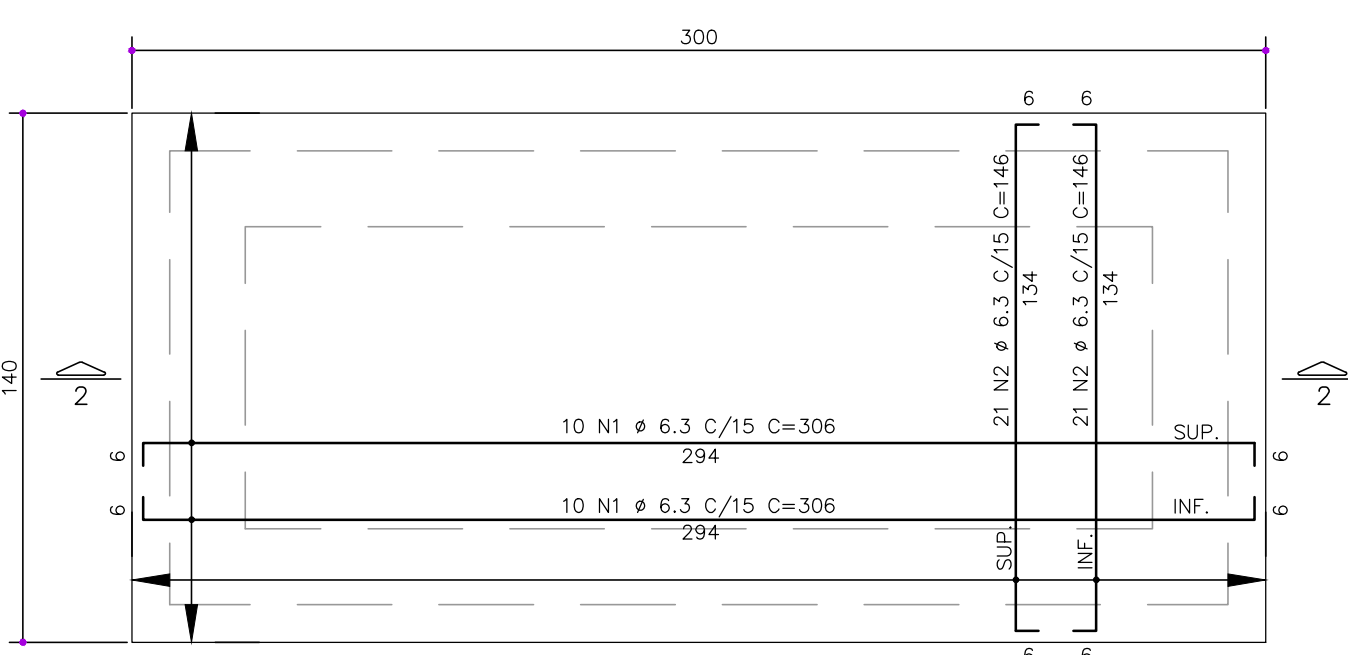
CORTE C-C

ESC. 1: 20



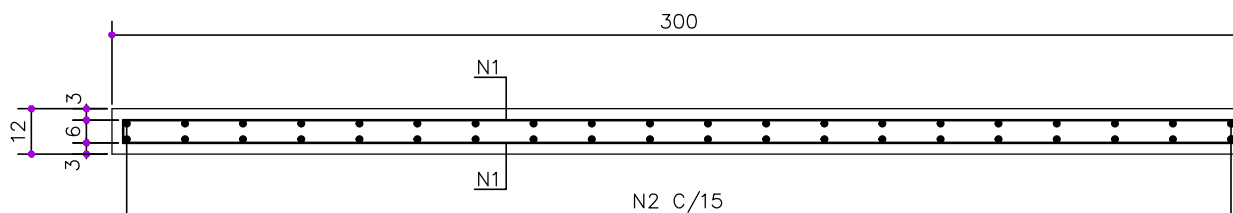
ARMADURA DA LAJE DE FUNDO

ESC. 1: 20



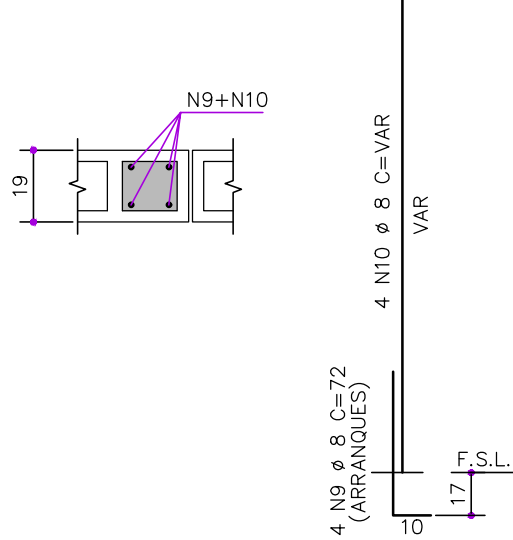
CORTE 2-2

ESC. 1: 20



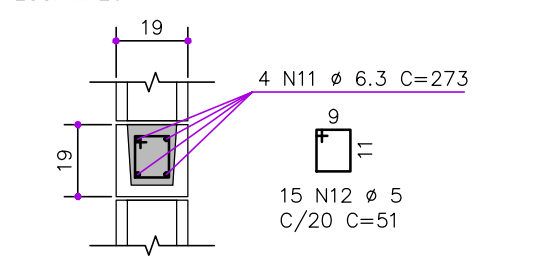
ARMADURA DO BLC (6x)

ESC. 1: 20



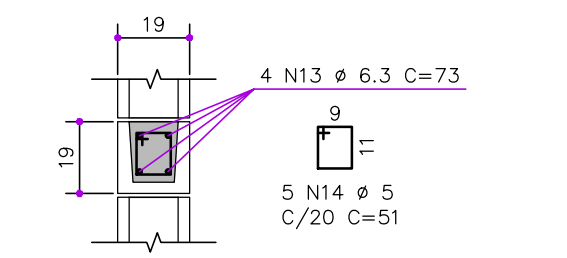
ARMADURAS DA CAN1 (2x)

ESC. 1: 20



ARMADURAS DA CAN2 (2x)

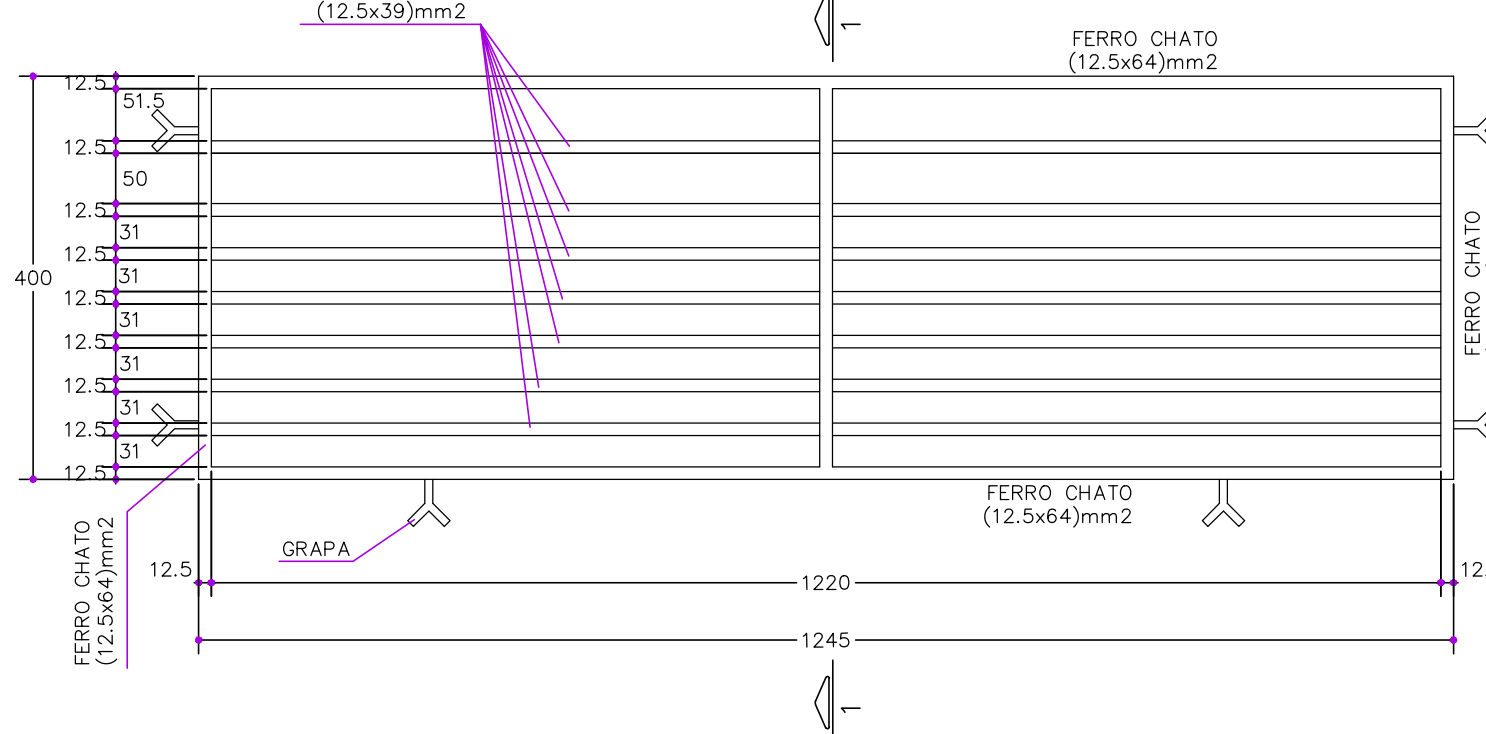
ESC. 1: 20



DETALHE DA GRELHA DA BOCA DE LOBO TRÍPLA (2x)

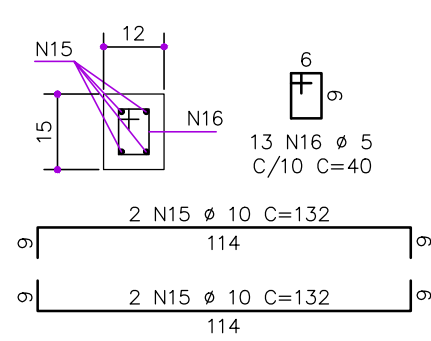
DIMENSÕES EM MILÍMETROS

ESC. 1: 7,5



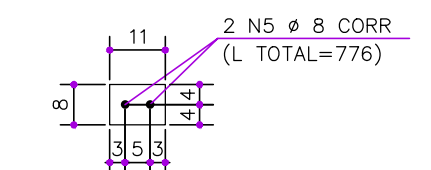
ARMADURA DA VIGA PRÉ-MOLDADA

ESC. 1: 15



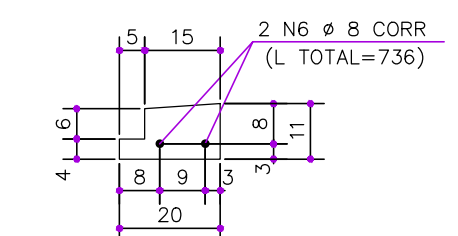
ARMADURA DA CINTA 1

ESC. 1: 15



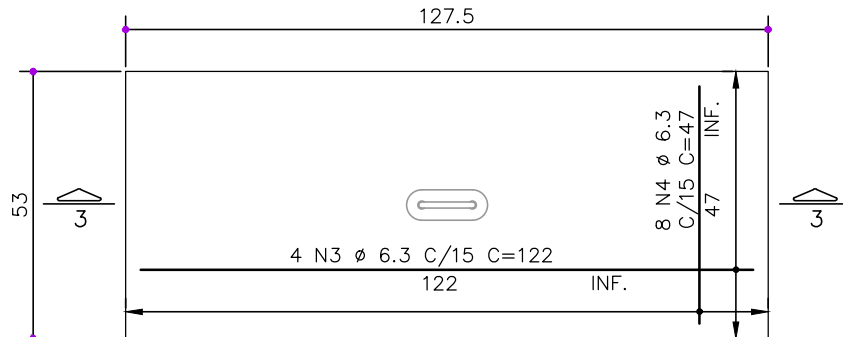
ARMADURA DA CINTA 2

ESC. 1: 15



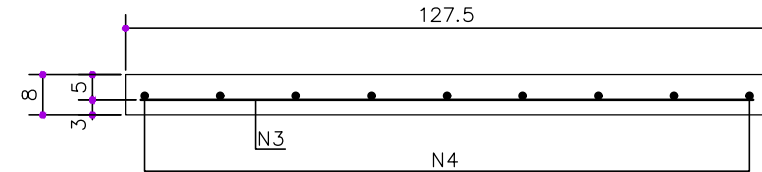
ARMADURA DA LAJE DE TAMPA (2x)

ESC. 1: 15



CORTE 3-3

ESC. 1: 15



CORTE 1-1

ESC. 1: 7,5

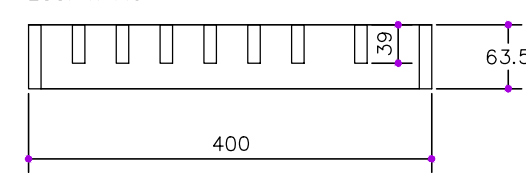


TABELA DE AÇO				
ELEMENTO	N	Ø	QUANT.	COMP. TOTAL
BLT	1	6.3	120	306
	2	6.3	252	146
	3	6.3	48	122
	4	6.3	96	47
	5	8	12	CORR
	6	8	12	CORR
	7	8	24	114
	8	5	90	38
	9	8	144	72
	10	8	144	VAR
	11	6.3	48	273
	12	5	180	51
	13	6.3	48	73
	14	5	60	51
	15	10	24	132
	16	5	78	40

RESUMO DO AÇO CA50		
Ø	COMP. TOTAL	PESO kgf.
6.3	1044.96	258
8	2759.04	1092
10	626.4	384
TOTAL		289 kg

RESUMO DO AÇO CA60		
Ø	COMP. TOTAL	PESO kgf.
5	354.84	54
TOTAL		54 kg

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 Øt	3 Øt	3 Øt
10 < Ø < 20	4 Øt	5 Øt	--
>= 20	5 Øt	8 Øt	--

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

0	EMISSION INICIAL	20/05/2020
REVISÃO	MODIFICAÇÃO	DATA
 <b>ZACARIN</b> ENGENHARIA DE FUNDAÇÕES		
S. J. RIO PRETO SP - FONE (17) 3222-7130		
CLIENTE	RUMO LOGISTICA S/A	DATA
OBRA	SISTEMA DE DRENAGEM DE ÁGUAS PLUVIAIS	MAI/2020
LOCAL	ESTAÇÃO FERROVIÁRIA SÃO CARLOS - KM 205	ESCALA
ASSUNTO	PROJETO EXECUTIVO DETALHAMENTO DAS BOCAS DE LOBO TRIPLA	INDICADA
		DESENHO
		ENG. BRUNO
		REVISÃO/DATA
		0-20/05/2020
		VISTO RESP. TEC.
RUMO-SC-DETALHES-FL17.dwg		