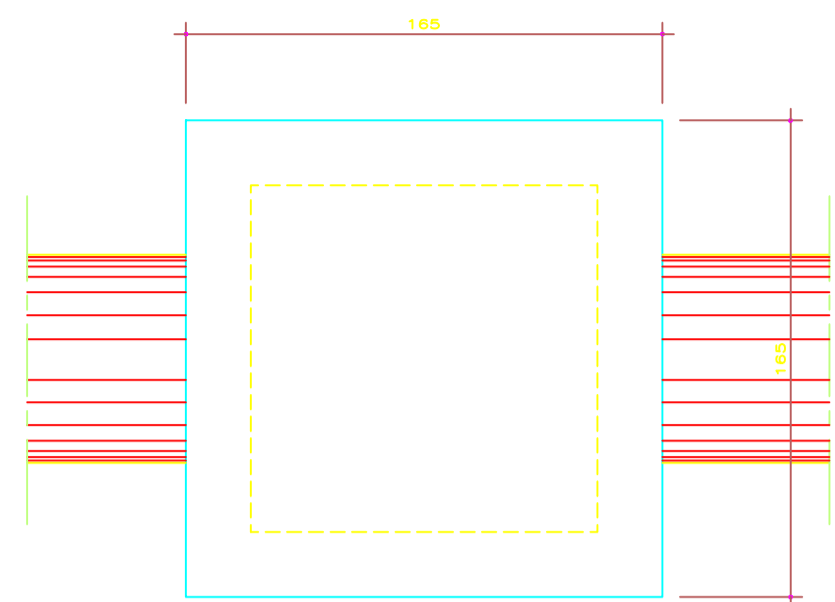
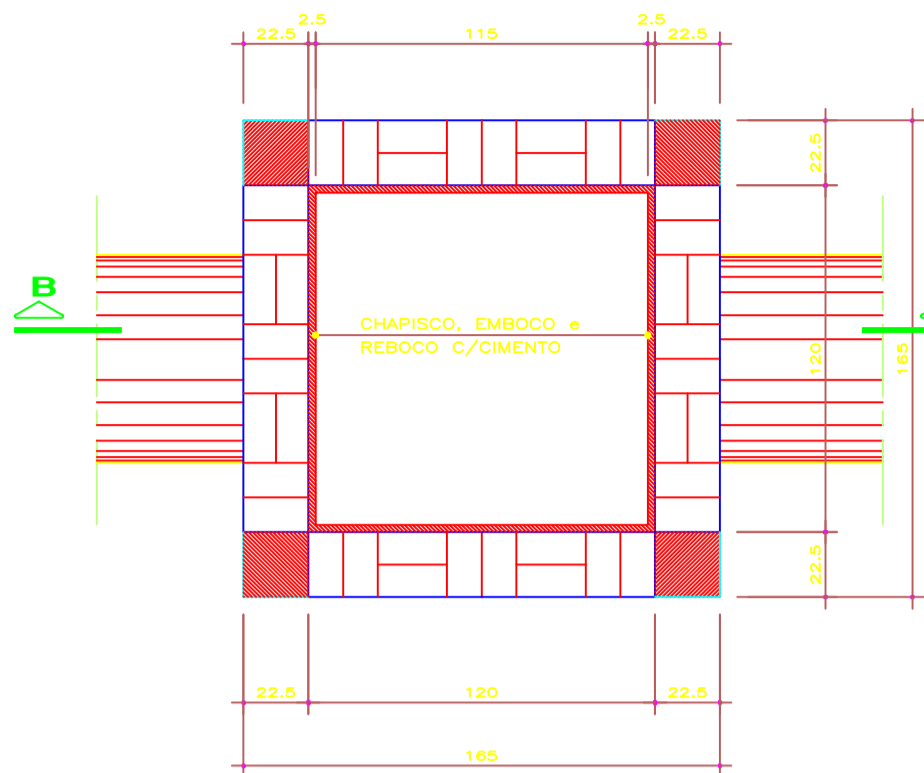


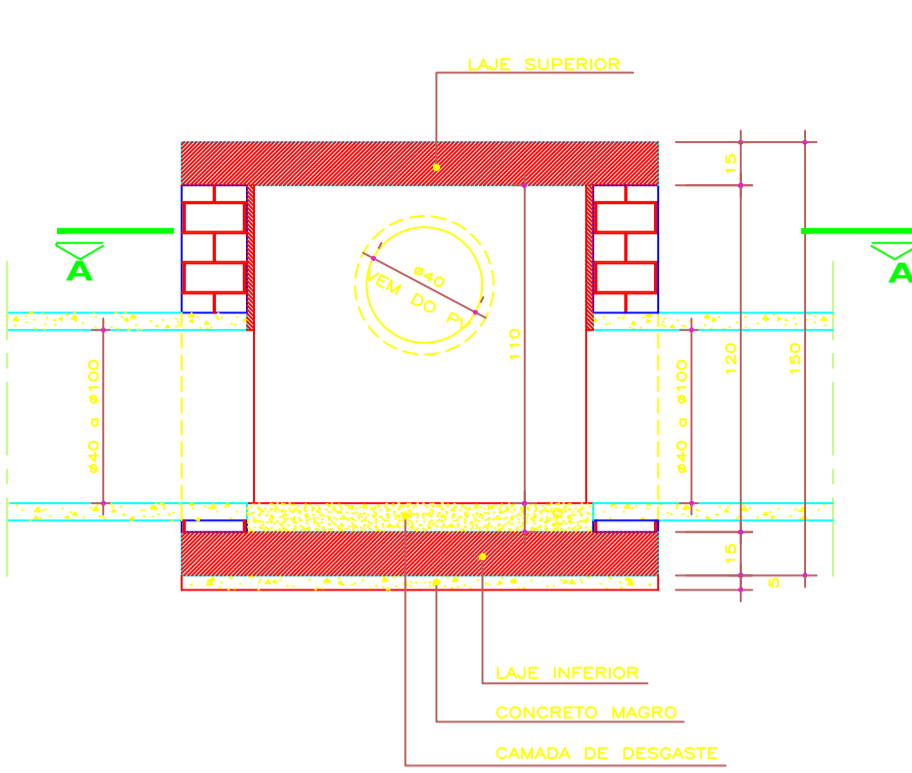
VISTA SUPERIOR
ESCALA 1 : 25



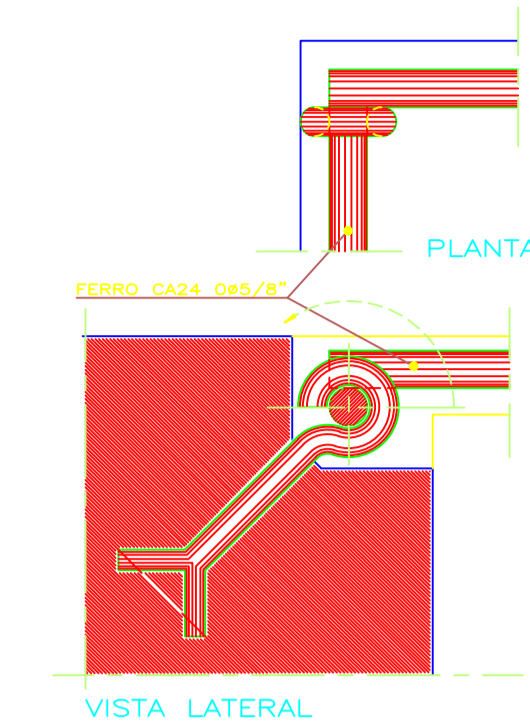
CORTE AA'
ESCALA 1 : 25



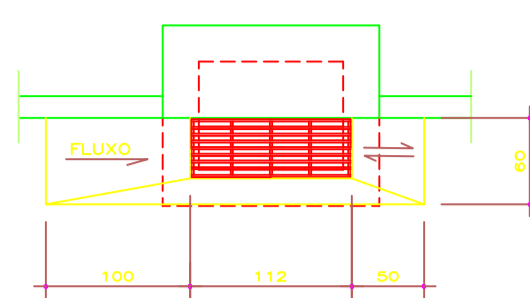
CORTE BB'
ESCALA 1 : 25



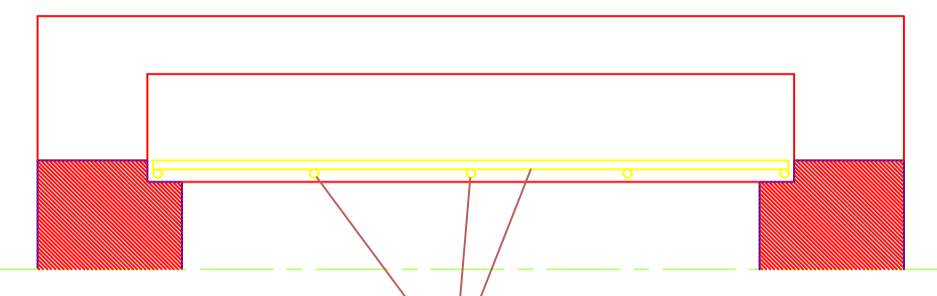
DETALHE - 01
ESCALA 1 : 1,25



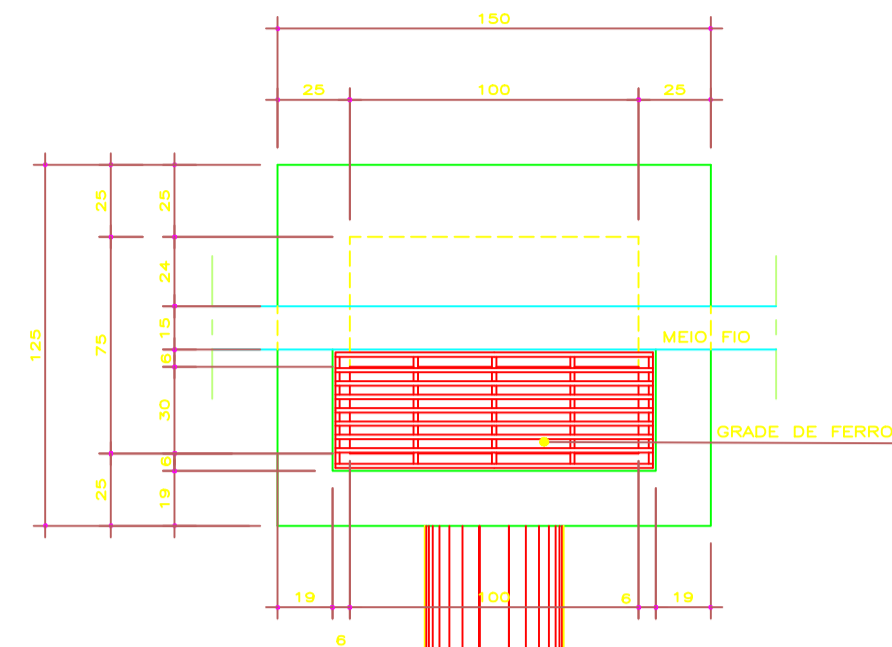
DETALHE FLUXO



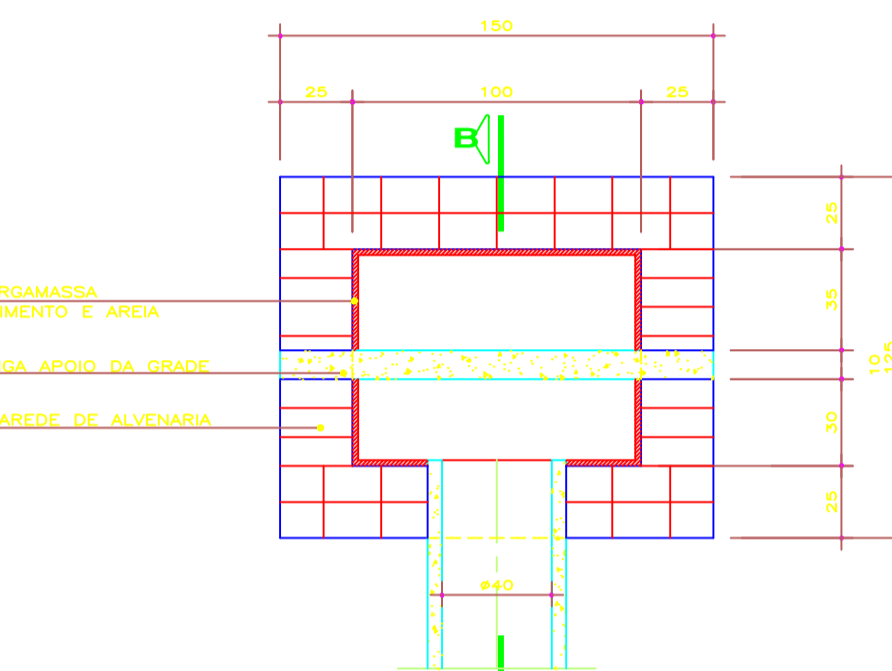
DETALHE GRADE
ESCALA 1 : 12,5



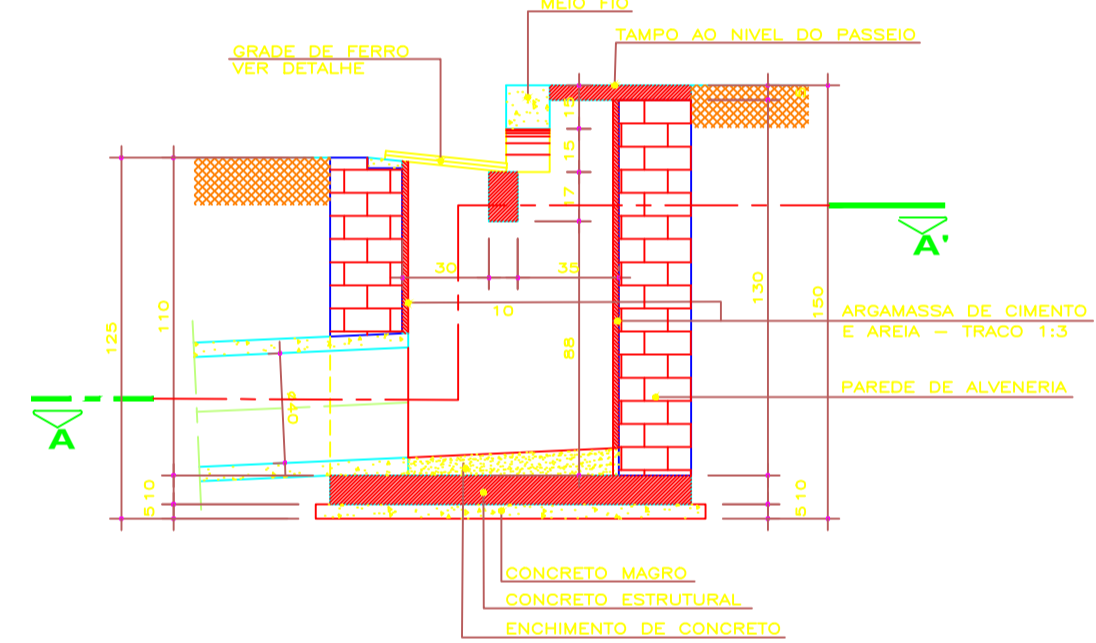
VISTA SUPERIOR
ESCALA 1 : 25



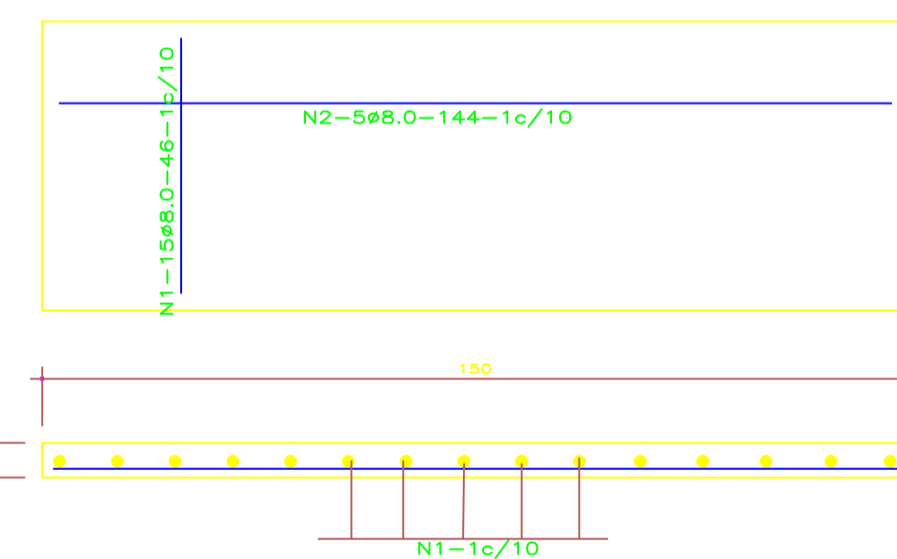
CORTE AA'
ESCALA 1 : 25



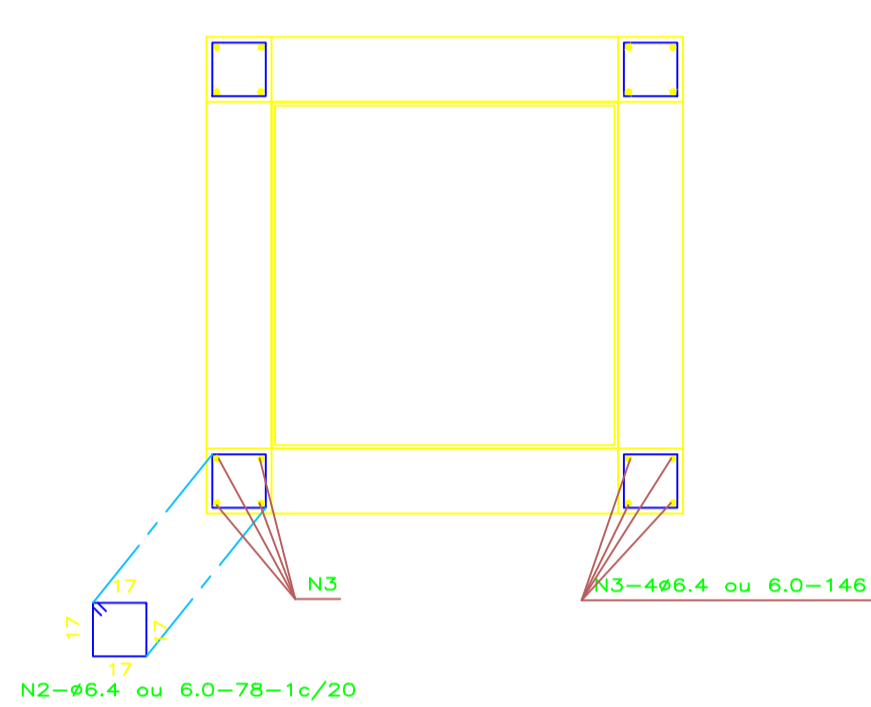
CORTE BB'
ESCALA 1 : 25



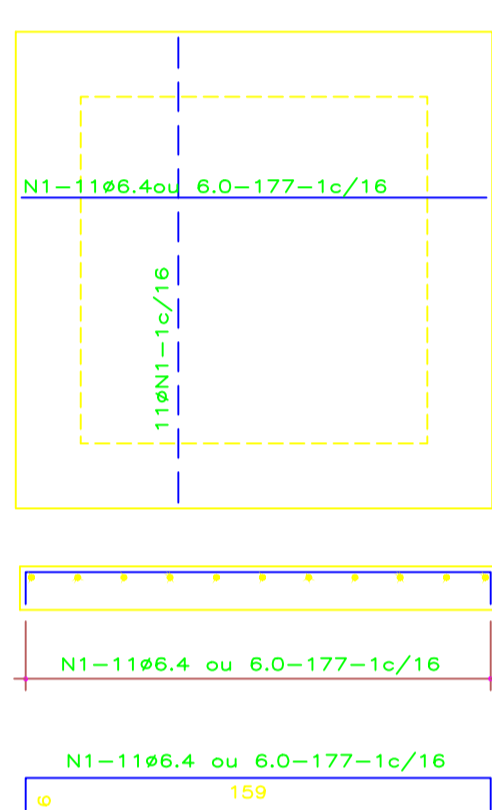
ARMADURA DA TAMPA
ESCALA 1 : 12,5



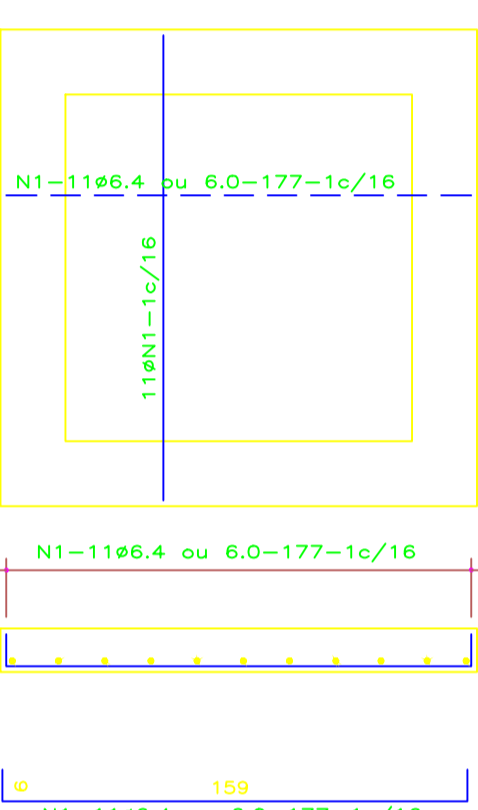
ARMADURA DOS PILARES
ESCALA 1 : 25



LAJE INFERIOR
ESCALA 1 : 25



LAJE SUPERIOR
ESCALA 1 : 25

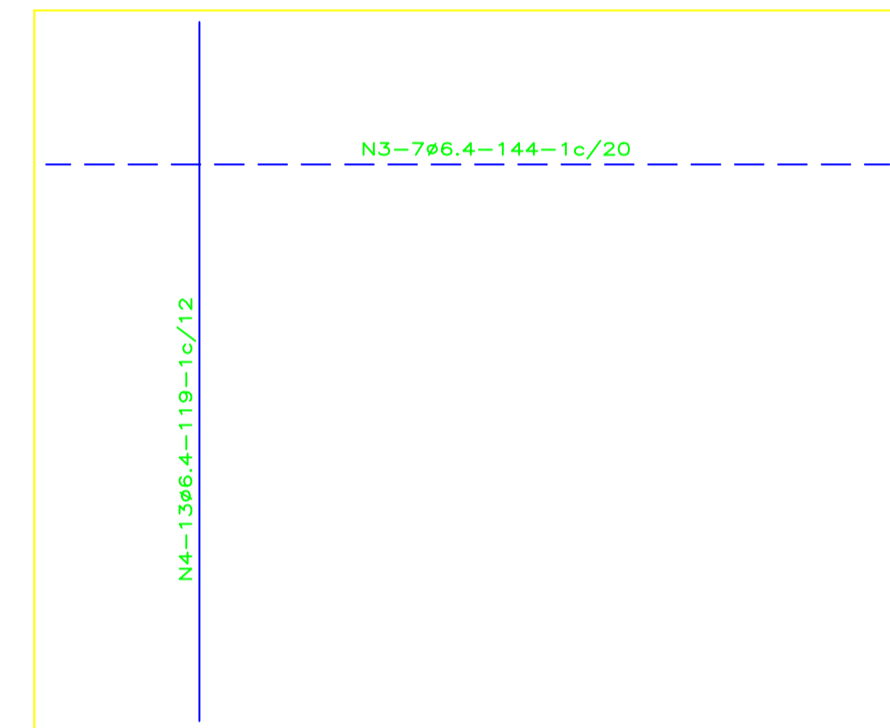


CAIXA DE LIGACAO

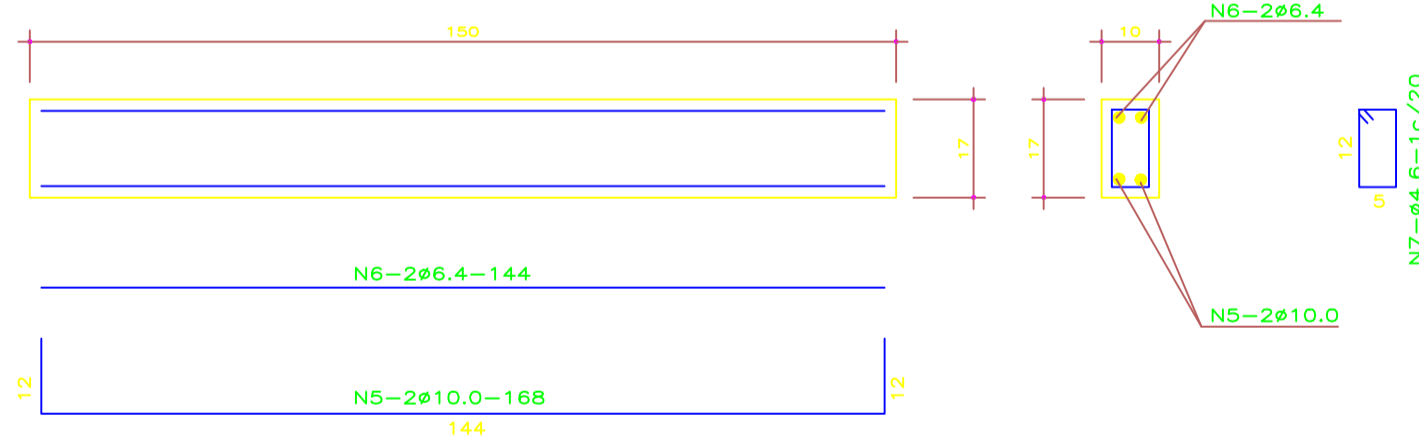
TABELA DE ARMADURAS				
N	Ø	Q	UNIT.	COMP. TOTAL
1	6,4 ou 6,0	44	1,77	77,88
2	6,4 ou 6,0	24	0,78	18,72
3	6,4 ou 6,0	16	1,48	23,68

RESUMO - ACO CA 50B ou CA 60B			
Ø	COMPR. TOTAL	PESO P/m	TOTAL
6,4	120,20	0,250	30,05kg
6,0	120,20	0,222	26,68kg

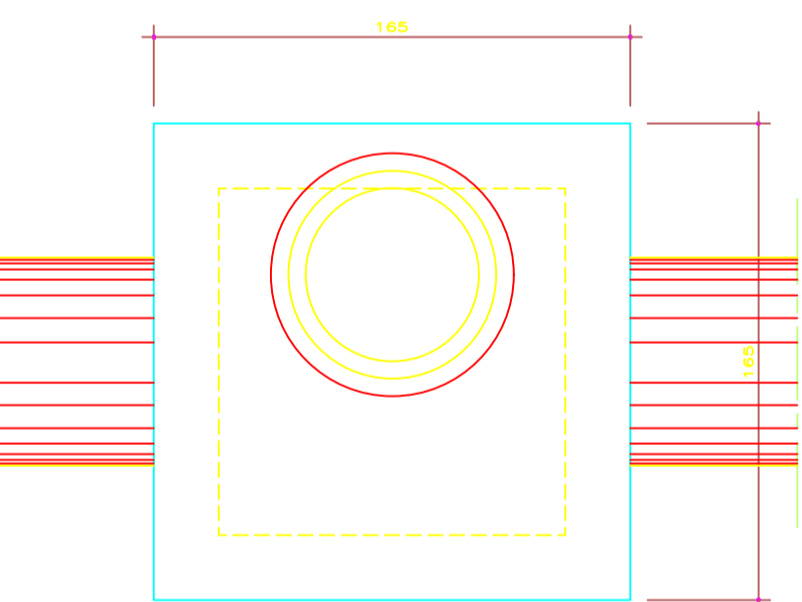
ARMADURA DA BASE
ESCALA 1 : 12,5



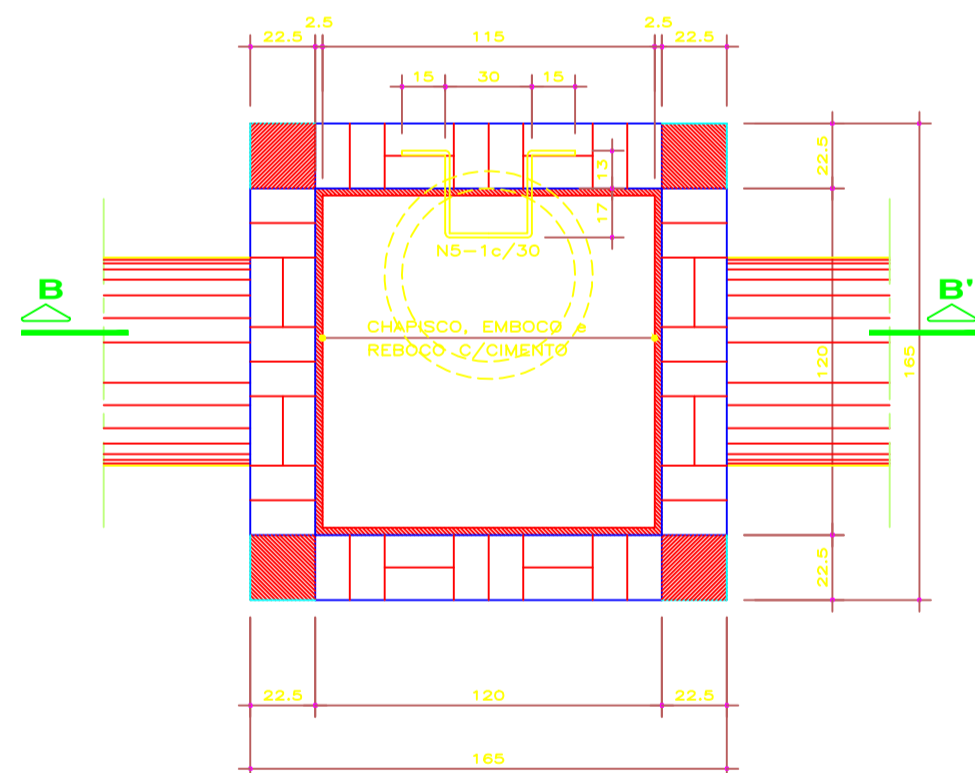
ARMADURA DA VIGA DE APOIO
ESCALA 1 : 12,5



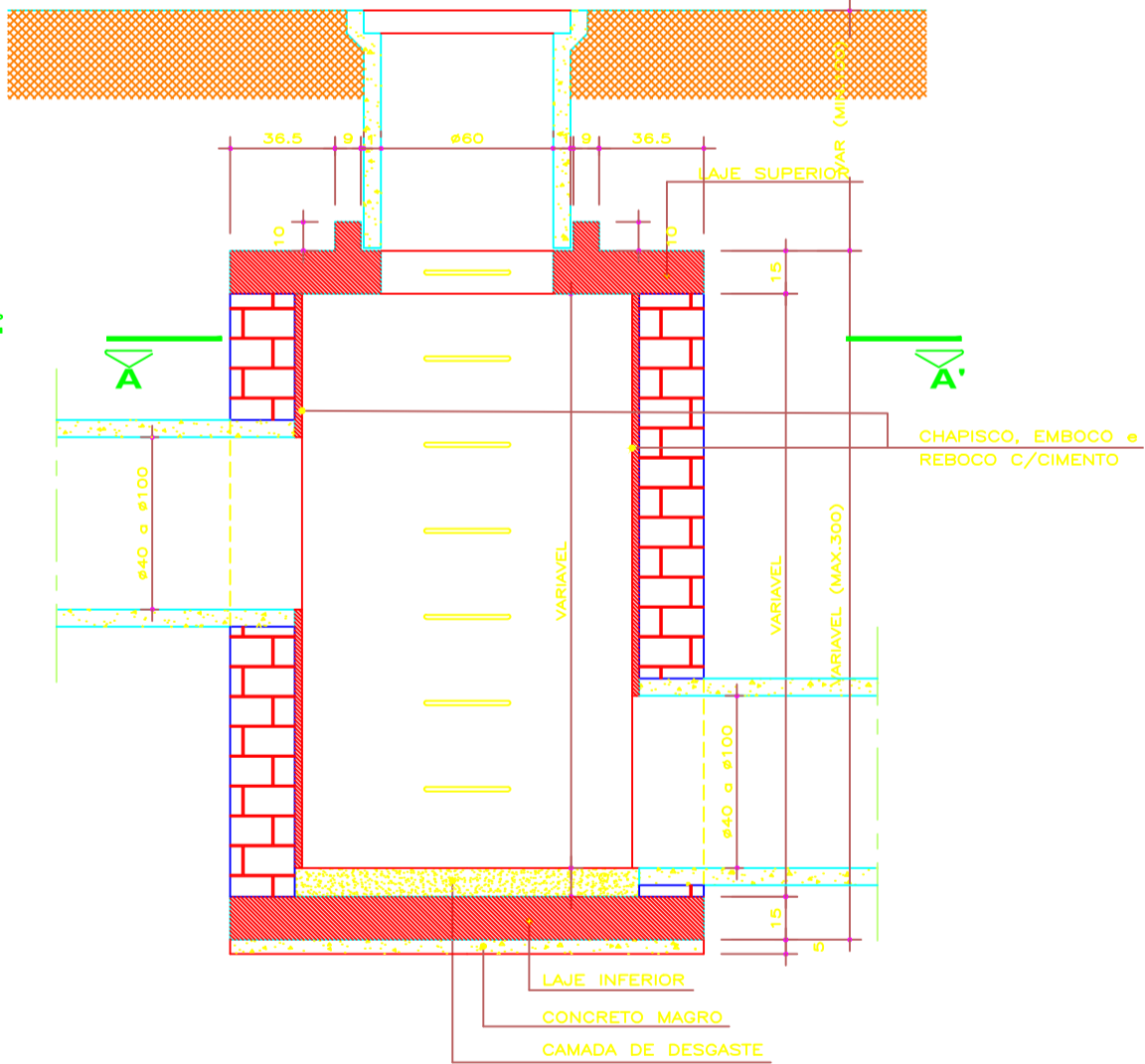
VISTA SUPERIOR
ESCALA 1 : 25



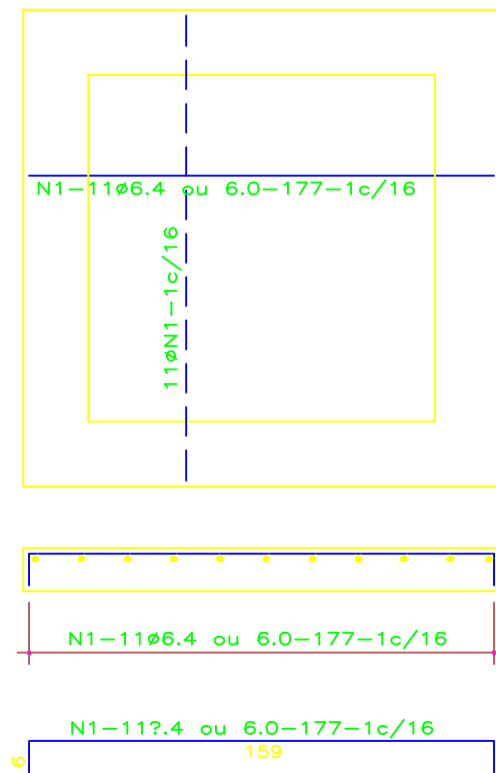
CORTE AA'
ESCALA 1 : 25



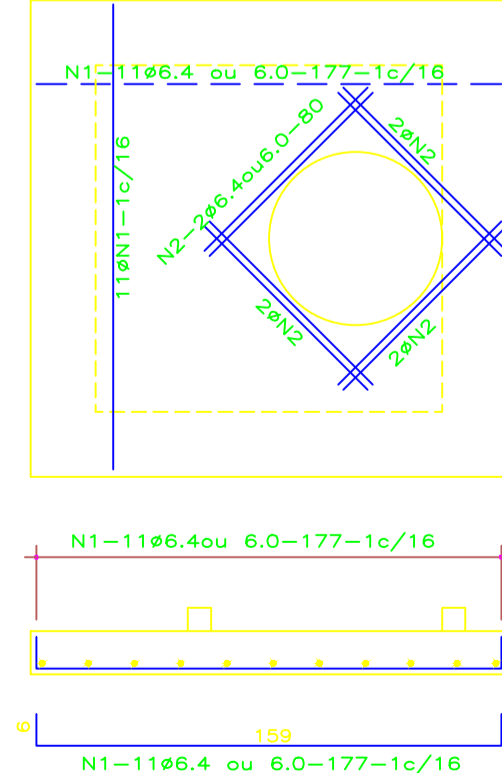
CORTE BB'
ESCALA 1 : 25



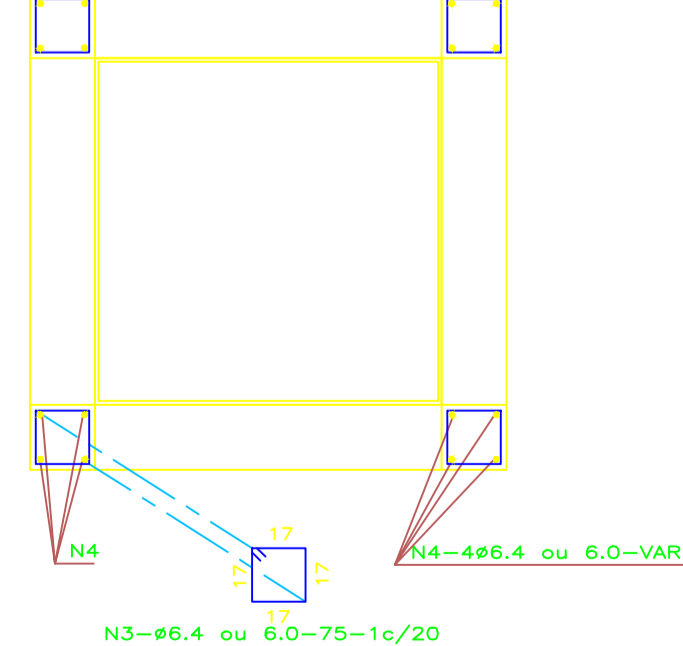
LAJE INFERIOR
ESCALA 1 : 25



LAJE SUPERIOR
ESCALA 1 : 25



ARMADURA DOS PILARES
ESCALA 1 : 25



NOTAS:

- _TUJOLO ADOTADO = 4,5x10,5x22,5, ASSENTADO COM ARGAMASSA DE CIMENTO
- _CHAPISCO, EMBOCO e REBOCO C/ CIMENTO
- _INTERROMPER OS FERROS NA LAJE SUPERIOR PARA COLOCAR O CHAMINÉ

**POÇO DE QUEDA ALVENARIA
ATE Ø 1,00**

TABELA DE ARMADURAS				
N	Ø	Q	UNIT.	COMP. TOTAL
1	6,4 ou 6,0	44	1,77	77,88
2	6,4 ou 6,0	08	0,80	6,40
3	6,4 ou 6,0	05	0,75	3,75
4	6,4 ou 6,0	16	VAR	16,00
5	12,0	03	1,20	3,60

RESUMO - ACO CA 50B ou CA 60B			
Ø	COMPR. TOTAL	PESO P/m	TOTAL
6,4	104,03	0,250	26,00kg
6,0	104,03	0,222	23,09kg
6,4	3,60	0,985	3,55kg

BOCA DE LOBO SIMPLES / ALVENARIA

TABELA DE ARMADURAS				
N	Ø	Q	UNIT.	COMP. TOTAL
1	8,0	05	4,6	690
2	8,0	05	14,0	720
3	6,4	07	14,4	1008
4	6,4	13	11,9	1547
5	10,0	02	1,68	336
6	6,4	02	14,4	288
7	4,6	08	3,9	312

RESUMO - ACO CA 50B		
Ø	COMPR. TOTAL	PESO
8,0	14,10	5,40
6,4	28,43	7,10
10,0	3,36	1,68
4,6	3,12	0,44
PESO TOTAL		14,82kg

ELEMENTOS	QUANT.
ALVENARIA DE TUJOS	1,30m³
CONCRETO ESTRUTURAL	0,36m³
ENCHIMENTO DE CONCRETO	0,038m³
CONCRETO MAGRO	0,09m³
FORMAS	2,20m²
REVESTIMENTO C/ARGAMASSA	4,40m²

NOTAS:

- _SOLO PREVIAMENTE APILOADO PARA ASSENTAMENTO DO CONCRETO MAGRO - TRACO 1:3
- _ALVENARIA DE TUJOS MACIOS, ASSENTADOS COM ARGAMASSA DE CIMENTO E AREIA - TRACO 1:3
- _REVESTIMENTO INTERNO COM ARGAMASSA DE CIMENTO E AREIA - TRACO 1:3
- _CONCRETO ADOTADO 164=150 kgf/cm²
- _RECUBRIMENTO DE TODAS AS ARMADURAS EM CONTATO COM O SOLO = 3,00cm

<p>IBAITI PREFEITURA</p> <p>PRACA DOS TRES PODERES 23, FONE/FAX (43) 3546-7450 - CEP 84.800-000 - IBAITI/PR</p>		<p>PREFEITO / GESTÃO</p> <p>ANTONELY C. A. DE CARVALHO</p> <p>2017 / 2020</p>	
<p>PLANEJAMENTO E PROJETO:</p> <p>DEPARTAMENTO DE ENGENHARIA MUNICIPAL</p> <p>AVENIDA DRA. FERNADINA A. GENTILE, 436 - FONE : (43) 3546-6167 - CEP 84900-000- IBAITI - PARANÁ</p>			
<p>RESPONSÁVEL TÉCNICO:</p> <p>ANTONIO VINCENZI ENGº CIVIL CREA 10382 D/PR.</p>		<p>ÁREAS:</p> <p>TUBO Ø 0,40: — 904,00 UN.</p> <p>CAIXA DE LIGAÇÃO — 5,00 UN.</p> <p>BOCA DE LOBO — 41,00 UN.</p> <p>COLETOR: — 4,00 UN.</p>	
<p>DESENHISTA:</p> <p>ADILSON BERNARDES</p>	<p>OBRA:</p> <p>REDE DE GALERIAS DE ÁGUAS PLUVIAIS</p>		
<p>DATA:</p> <p>AGOSTO 2018</p>	<p>LOCAL:</p> <p>BOM PASTOR - IBAITI/PR.</p>		
<p>ESCALA:</p> <p>1 : 2500</p>	<p>PROPRIETÁRIO:</p> <p>PREFEITURA MUNICIPAL DE IBAITI CNPJ: 77.008.068/0001-41</p>		
<p>PROJETO:</p> <p>SISTEMA DE DRENAGEM</p> <p>DETALHES: BOCA DE LOBO, POÇO DE QUEDA EM ALVENARIA E CAIXA DE LIGAÇÃO</p>		<p>FRANCHA:</p> <p>ÚNICA</p>	