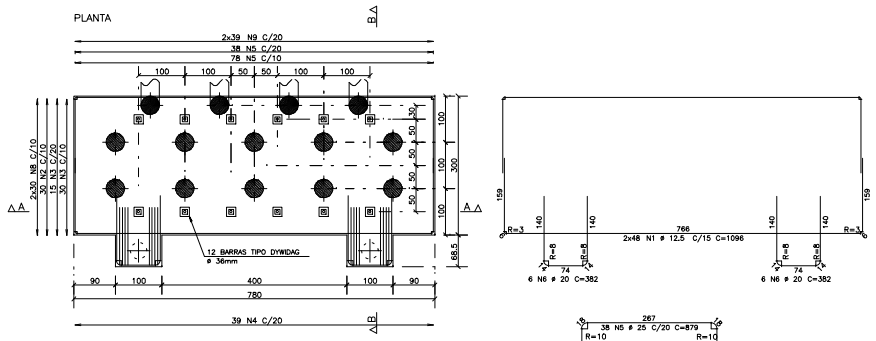
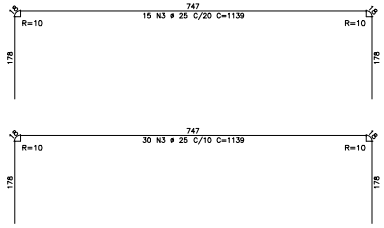
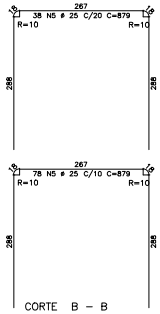
B2
(ESCALA 1:50)

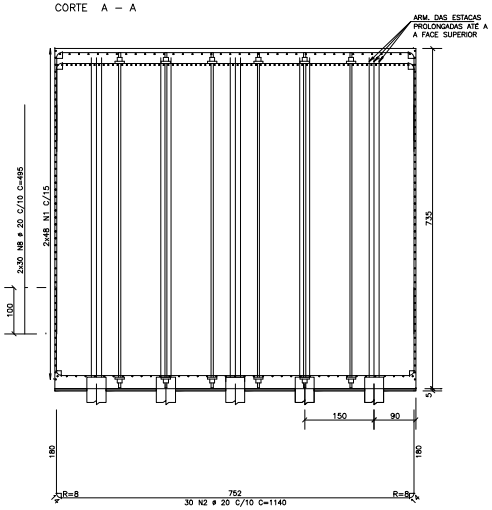
PLANTA



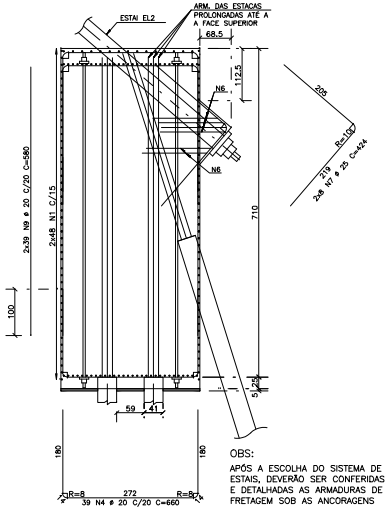




CORTE A – A



CORTE B – B

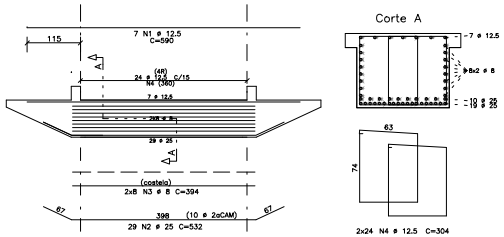


OBS:
APÓS A ESCOLHA DO SISTEMA DE ESTAIS, DEVERÃO SER CONFERIDAS E DETALHADAS AS ARMADURAS DE FRETAGEM SOB AS ANCORAGENS

FORMATO A1 LEITURA DAS PENAS		
No.	COR	ESP.
1	VERMELHO	0,25
2	AMARELO	0,13
3	VERDE	0,18
4	CITRINO	0,25
5	AZUL	0,35
6	MAGENTA	0,50
7	BRANCO	0,70
8	SOLIDO	3018

TRANSVERSINA EIXOS 1,2,3,4,6

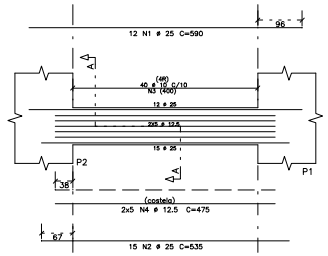
100/80



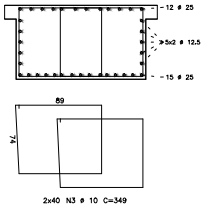
Corte A

TRANSVERSINA DOS PILONES

140/80

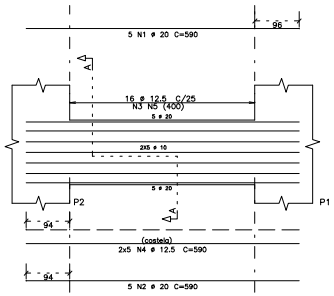


Corte A

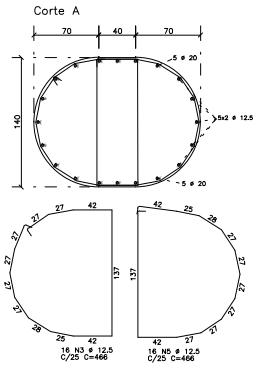


TRANSVERSINA DE TOPO

180/140



Corte A



ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
TRANSVERSINA EIXOS 1,2,3,4,6			(X5)		
50A	1	12.5	35	590	20650
50A	2	25	145	532	77140
50A	3	8	80	394	31520
50A	4	12.5	240	304	72960
TRANSVERSINA DOS PILONES					
50A	1	25	12	590	7080
50A	2	25	15	535	8025
50A	3	10	80	349	27920
50A	4	12.5	10	475	4750
TRANSVERSINA DE TOPO					
50A	1	20	5	590	2950
50A	2	20	5	590	2950
50A	3	12.5	16	466	7456
50A	4	12.5	10	590	5900
50A	5	12.5	16	466	7456
B2					
50A	1	12.5	96	1096	105216
50A	2	20	30	1140	34200
50A	3	25	45	1139	51255
50A	4	20	39	660	25740
50A	5	25	116	879	101964
50A	6	20	12	382	4584
50A	7	25	16	424	6784
50A	8	20	60	495	29700
50A	9	20	78	580	45240

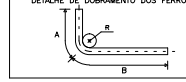
RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
50A	8	315	125
50A	10	279	172
50A	12.5	2244	2161
50A	20	1454	3585
50A	25	2522	9719
Peso Total	50A =		15761 kg

COBRIMENTO DAS ARMADURAS = 3.0cm

RAIOS DE DOBRAMENTO

ø (mm)	5	6.3	8	10	12.5	16	20	25
RAIO (cm)	1.5	2.0	3.0	4.0	5.0	6.0	8.0	10

DETALHE DE DOBRAMENTO DOS FERROS



PILONES E TRANSVERSINA DE TOPO Fck= 40 MPa

TABULEIRO E FUNDAÇÕES Fck= 30 MPa

REV	DATA	DES.	VERIF.	DISCRIMINAÇÃO
03				
02	18/06/2019	LUDMARY	MARCELO	ALTERAÇÃO ARM. BLOCO B2 / EXCLUSÃO ARM. TRANSVERSINA EIXO 5
01	28/05/2019	LUDMARY	MARCELO	ALTERAÇÃO ARM. BLOCO B2 , ARM. TRANSVERSINA DO TOPO
00	28/02/2019	LUDMARY	MARCELO	EMISSÃO INICIAL

PROJETOS DE ESTRUTURAS

MD

www.md.eng.br
md@md.eng.br

OBRA: PONTE DE PEDESTRES

CLIENTE: PREF. MUNIC. DE SOBRAL

ASSUNTO: ARMADURAS DO BLOCO
ARMADURAS DAS TRANSVERSINAS

NL: 2720

PRANCHA NL: A02

ESC.: 1:50

VISTO: MARCELO