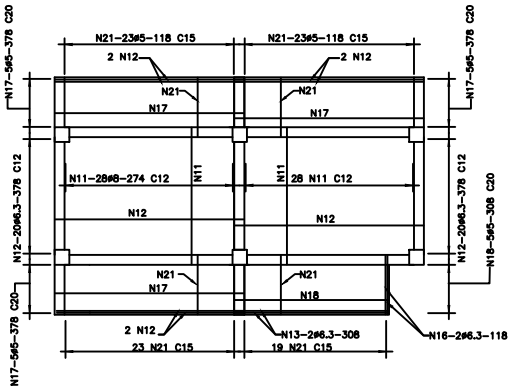
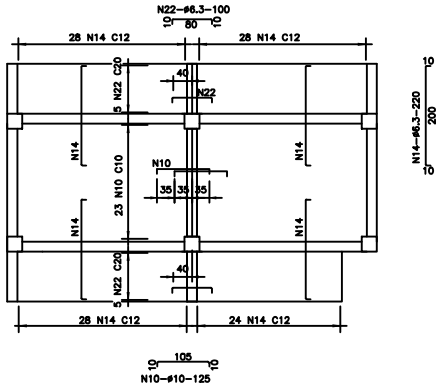


PLANTA DA COBERTURA
ARMAÇÃO POSITIVA
ESCALA 1:50

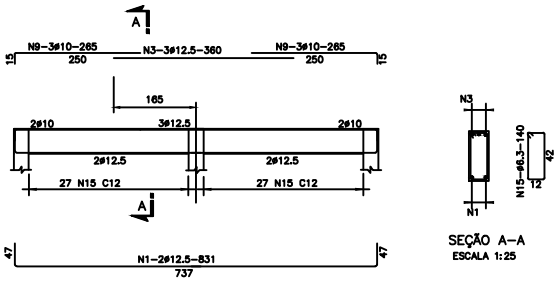


PLANTA DA COBERTURA
ARMAÇÃO NEGATIVA
ESCALA 1:50

No.	ø (mm)	QUANT.	C.UNIT. (cm)	C.TOTAL (m)
1	12.5	4	831	33.24
2	12.5	2	473	9.46
3	12.5	6	360	21.60
4	12.5	1	273	2.73
5	10	4	567	22.68
6	10	2	473	9.46
7	10	2	435	8.70
8	10	2	420	8.40
9	10	12	265	31.80
10	10	23	125	28.75
11	8	56	274	153.44
12	6.3	46	378	173.88
13	6.3	2	308	6.16
14	6.3	108	220	237.60
15	6.3	133	140	186.20
16	6.3	2	118	2.36
17	5	15	378	56.70
18	5	5	308	15.40
19	5	49	138	67.62
20				
21	5	88	118	103.84
22	6.3	10	100	10.00

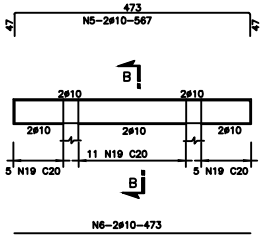
RESUMO

AÇO	ø	C.TOTAL (m)	MASSA (kg)
CA-50A	12.5	67	67
	10	110	69
	8	153	61
	6.3	616	154
CA-60B	5	244	39
MASSA TOTAL-CA-50A (kg)			351
MASSA TOTAL-CA-60B (kg)			39

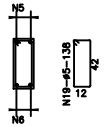


V5=V6-20/50 (2X)
ESCALA 1:50

SEÇÃO A-A
ESCALA 1:25



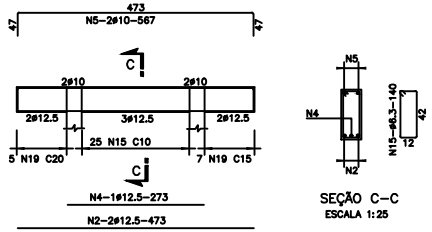
V7-20/50
ESCALA 1:50



SEÇÃO B-B
ESCALA 1:25

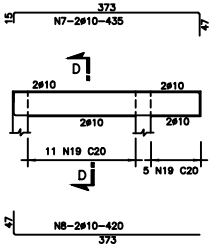
NOTAS:

1- DIMENSÕES DADAS EM CENTÍMETRO E DIÂMETROS EM MILÍMETRO.
2- AÇO CA-50A E CA-60B.
3- COBRIMENTO=4cm P/ VIGAS E 4cm p/ LAJES.

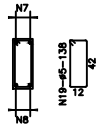


V8-20/50
ESCALA 1:50

SEÇÃO C-C
ESCALA 1:25



V9-20/50
ESCALA 1:50



SEÇÃO D-D
ESCALA 1:25

PREFEITURA MUNICIPAL DE MARACANÃ

PROJETO BÁSICO DE SISTEMA DE ABASTECIMENTO DE ÁGUA

LOCAL: BAIRRO LIBERDADE
Nº DA PRANCHA: 02/03
PRANCHA: PROJETO ESTRUTURAL - ARMAÇÃO
ESCALA: INDICADA
DATA EMISSÃO: MAR/2019
DESENHADOR CAD: -
ENG° RESPONSÁVEL P/ PROJETO: CESAR EDUARDO MEDEIROS CANELAS FILHO
Nº DO CREA/PA: 1502763729