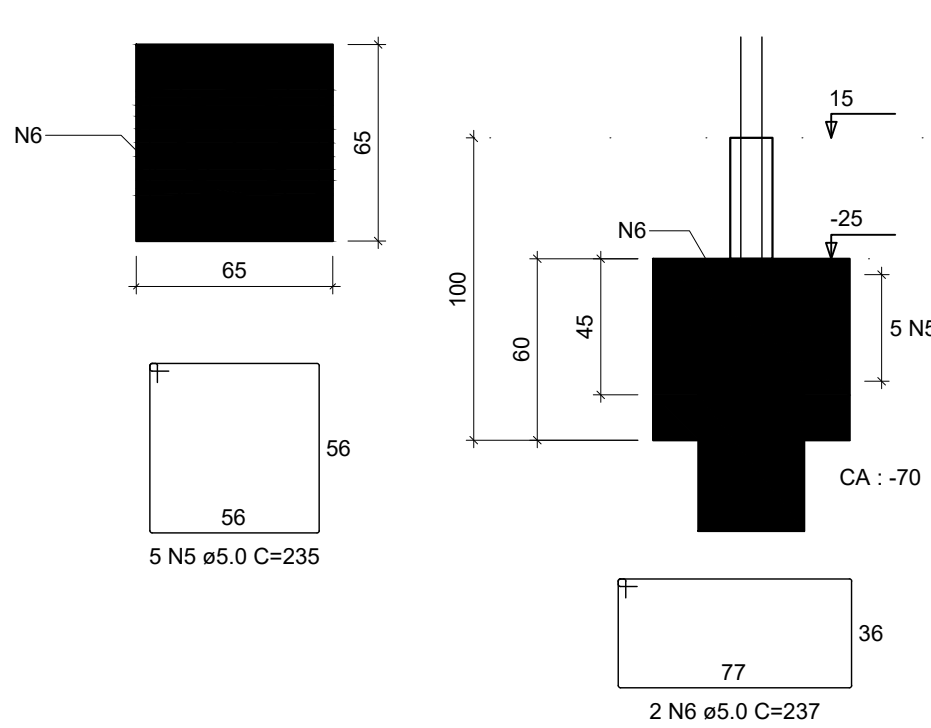
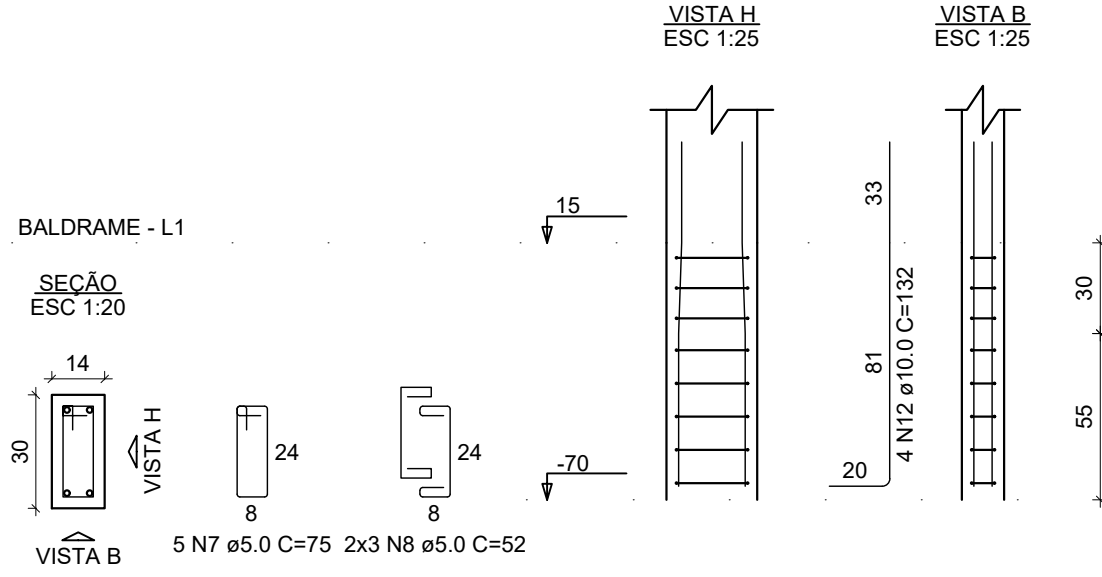


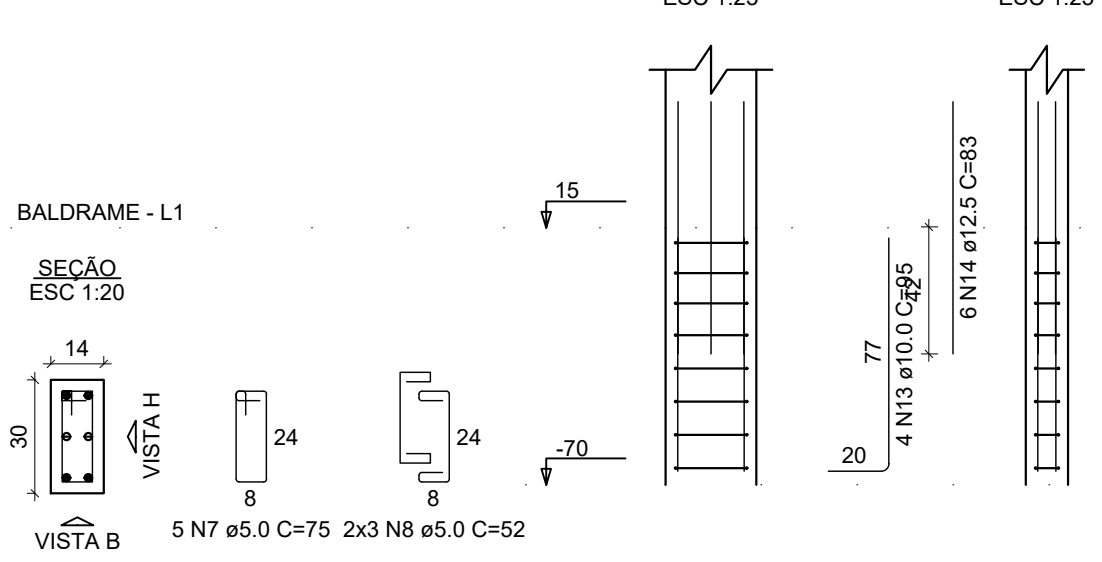
B1=B3=B4=B5=B6=B7=B8=B9=B10=B11=B12=B13
=B14=B15
1xC35
PLANTA
ESC 1:25



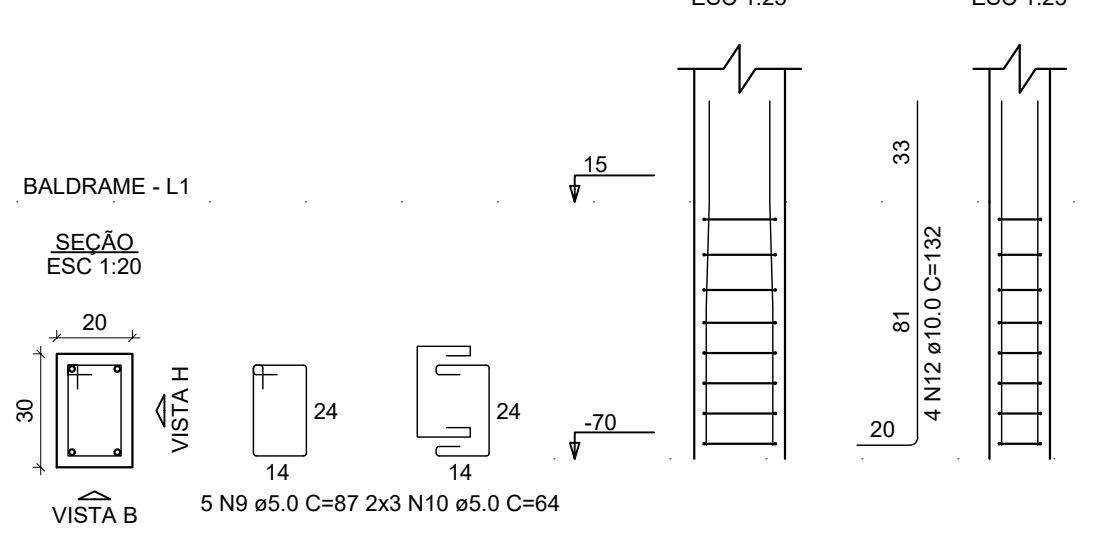
P1=P3=P7=P9=P10=P11=P13=P14



P4=P6



P5



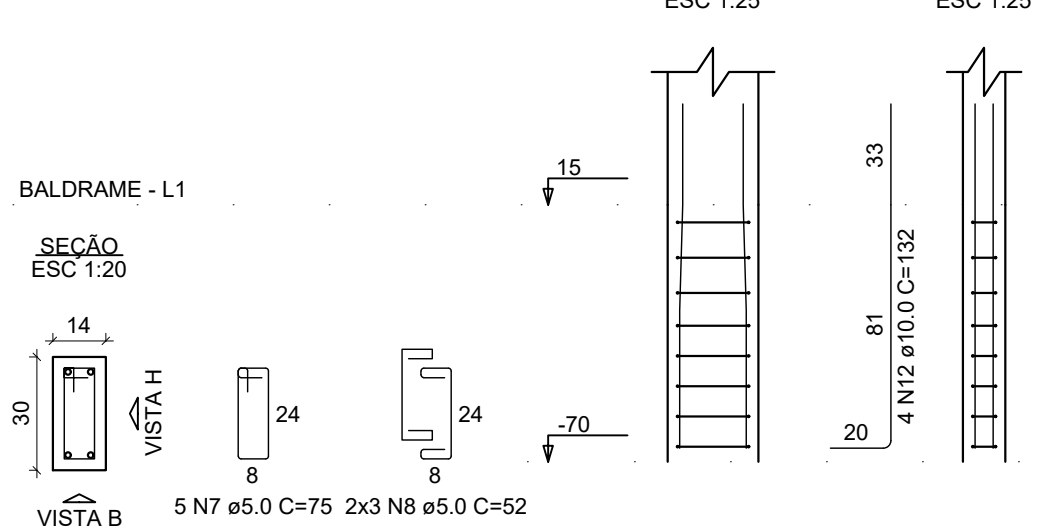
RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	4	229	916
	2	5.0	4	445	1780
	3	5.0	4	169	676
	4	5.0	7	193	1351
	5	5.0	70	235	16450
	6	5.0	28	237	6636
	7	5.0	71	75	5325
	8	5.0	66	52	3432
	9	5.0	10	87	870
	10	5.0	12	64	768
CA50	11	8.0	5	228	1140
	12	10.0	52	132	6864
	13	10.0	8	95	760
	14	12.5	12	83	996

RESUMO DO AÇO

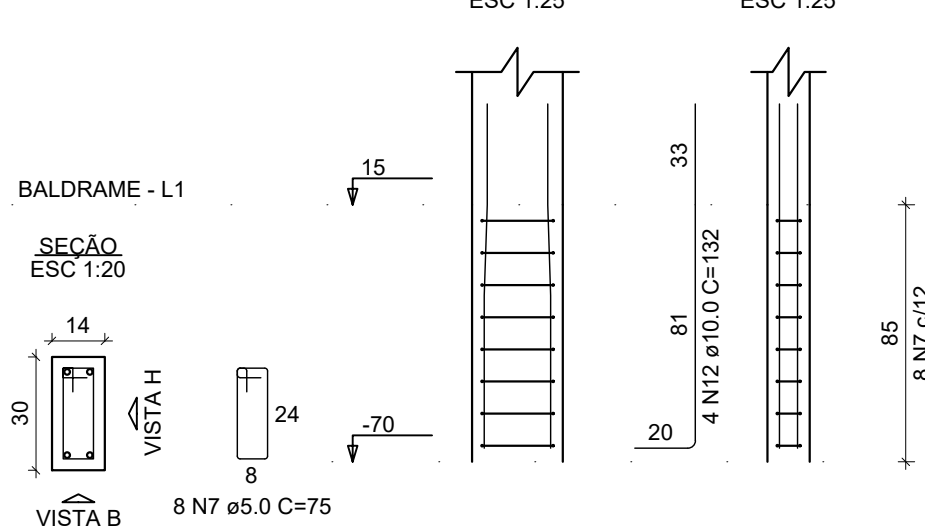
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	11.4	4.9
CA60	10.0	76.2	51.7
CA60	5.0	382	10.6
PESO TOTAL (kg)			64.8
CA50	67.2		
CA60	64.8		

Volume de concreto (C-25) = 3.98 m³
Volume de concreto (C-30) = 0.57 m³
Área de forma = 36.08 m²

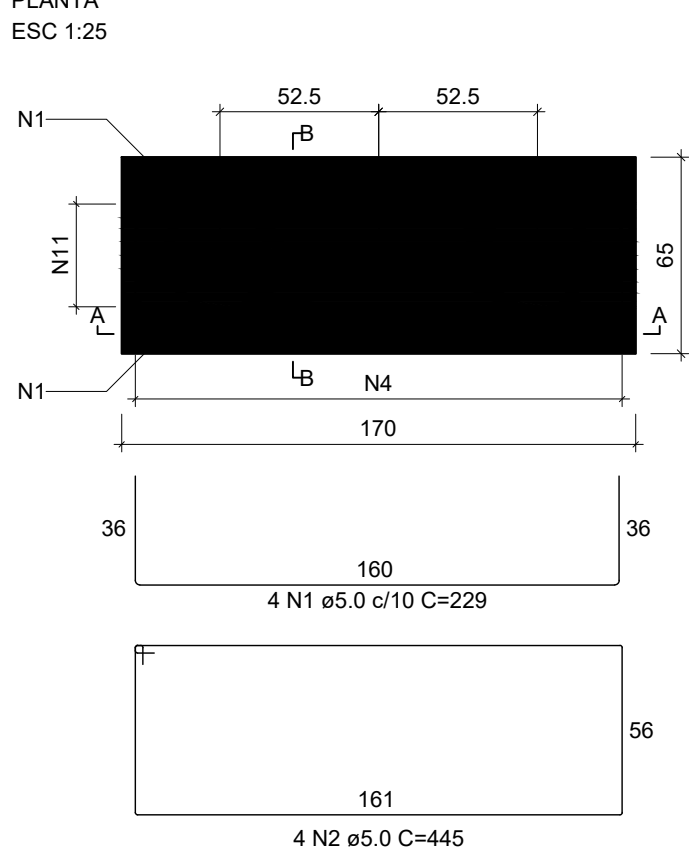
P8



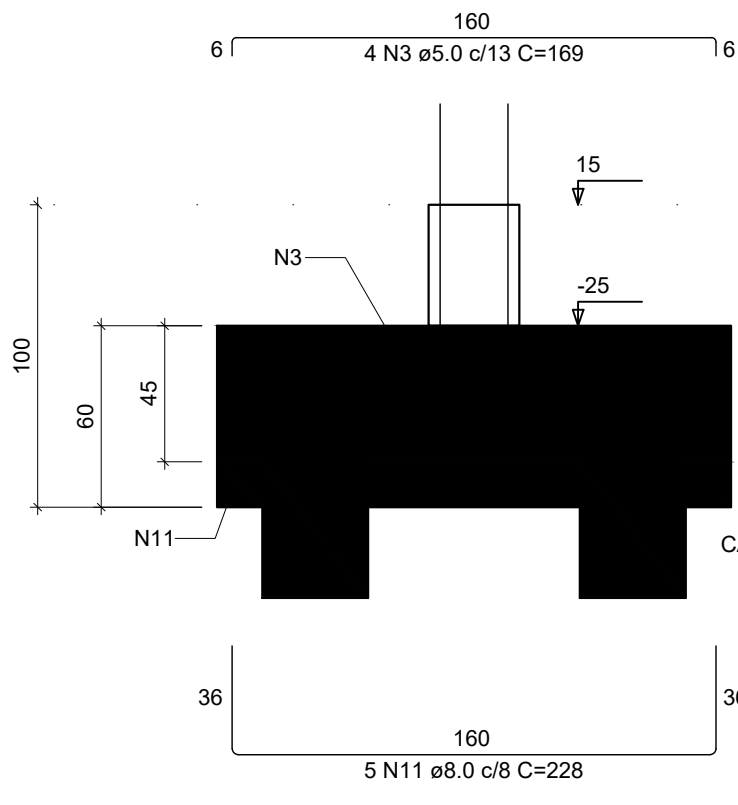
P12=P15



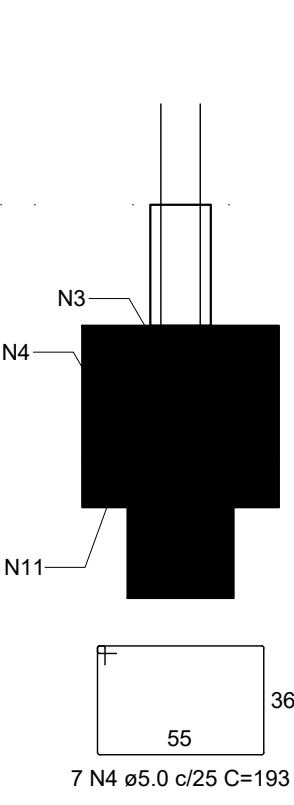
B2
2xC35



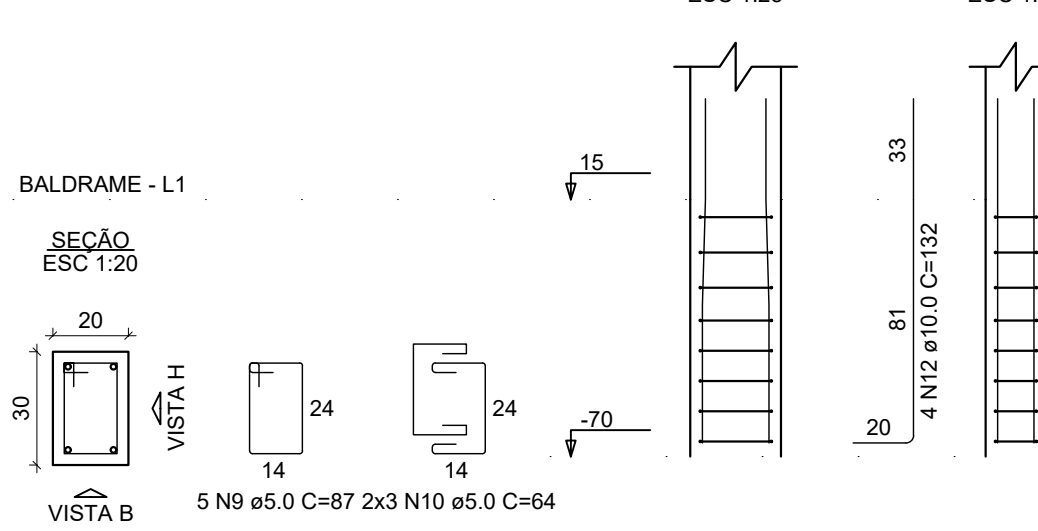
CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

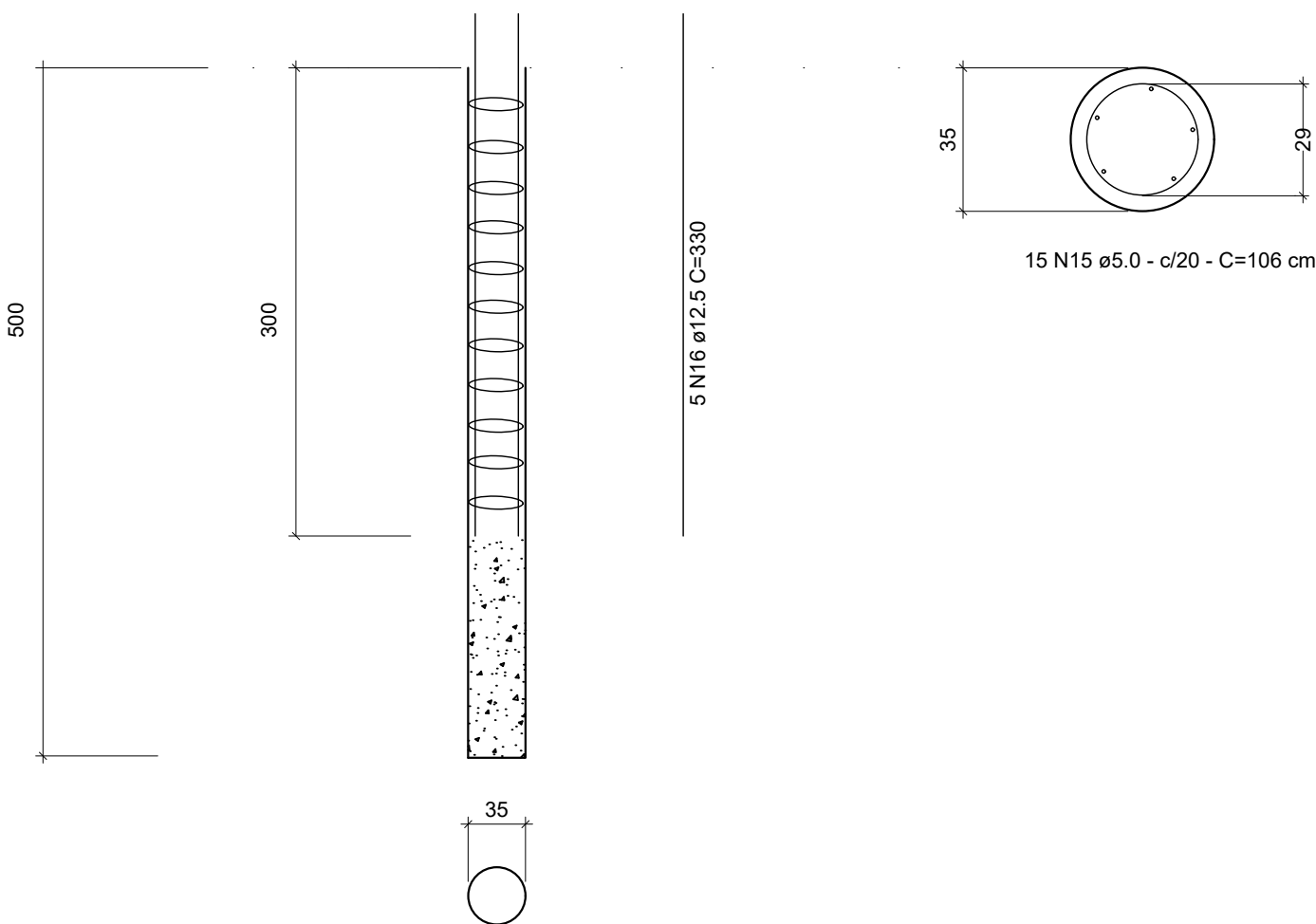


P2



ESTACA FRANKI

E1-1=E2-1=E2-2=E3-1=E4-1=E5-1=E6-1=E7-1=E8-1=E9-1=E10-1=E11-1=E12-1=E13-1
=E14-1=E15-1



RELAÇÃO DO AÇO (ESTACAS)

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	15	5.0	240	106	25440
CA50	16	12.5	80	330	26400

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	12.5	264.0	279.6
CA60	5.0	254.4	43.1
PESO TOTAL (kg)			322.7
CA50	279.6		
CA60	43.1		

Volume de concreto (C-25) = 7.7 m³

REVISÃO		DISCRIMINAÇÃO	
DATA			
PREFEITURA			
CAU/CREA			
DECLARAÇÕES:			
QUE DEVERA SER MANTIDA PARA FISCALIZACAO NA OBRA UMA VIA DESTA DOCUMENTO E O RESPECTIVO ALVARÁ DE LICENÇA.			
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ARAGUARI			
TÍTULO: PROJETO ESTRUTURAL - BANHEIRO, ARENA MULTIUSO.			
LOCAL: RUA DOS CARVALHOS, BAIRRO SÃO SEBASTIÃO, ARAGUARI - MG.			
ASSINATURAS			
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ARAGUARI CNPJ: 16829640000149			
RESPONSÁVEL TÉCNICO: JOÃO PAULO DE ALMEIDA JACINTO CREA 100659/D			
ART EXECUÇÃO:			
CONTEÚDO: BLOCOS E ESTACAS			
FOLHA			
02/09			
DESENHO	DATA	ESCALA	ARQUIVO
JOÃO PAULO	JUNHO/2021	INDICADA	PROJETOBANHEIRO.DWG