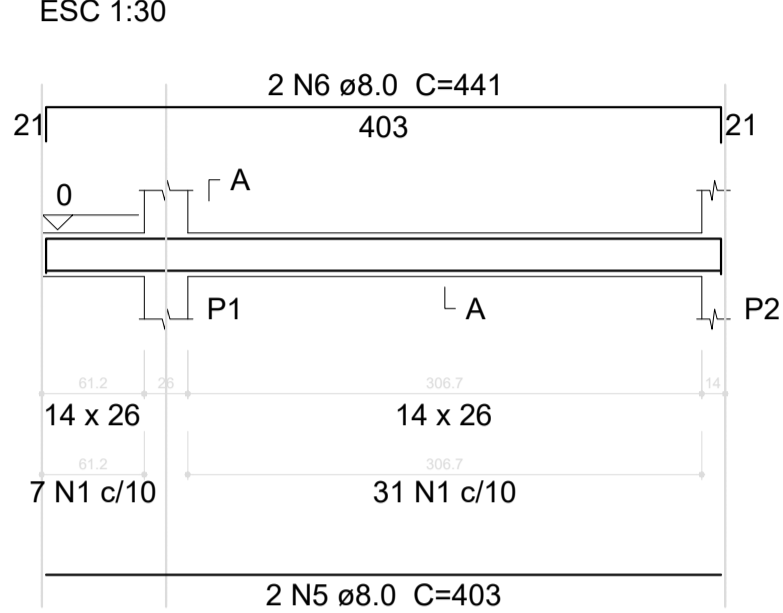
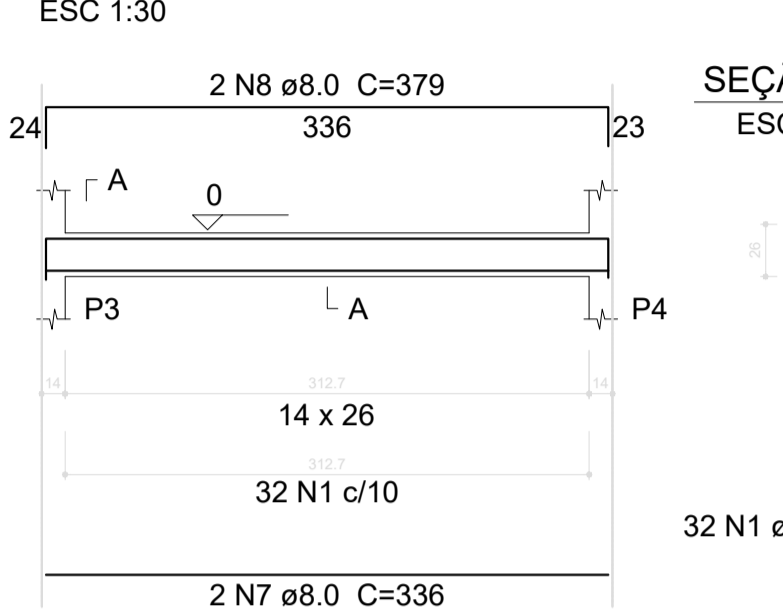


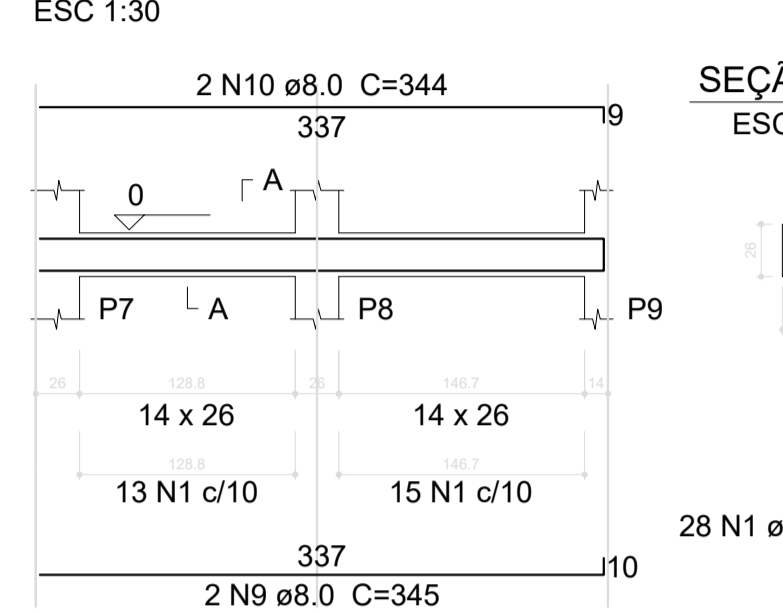
VB101



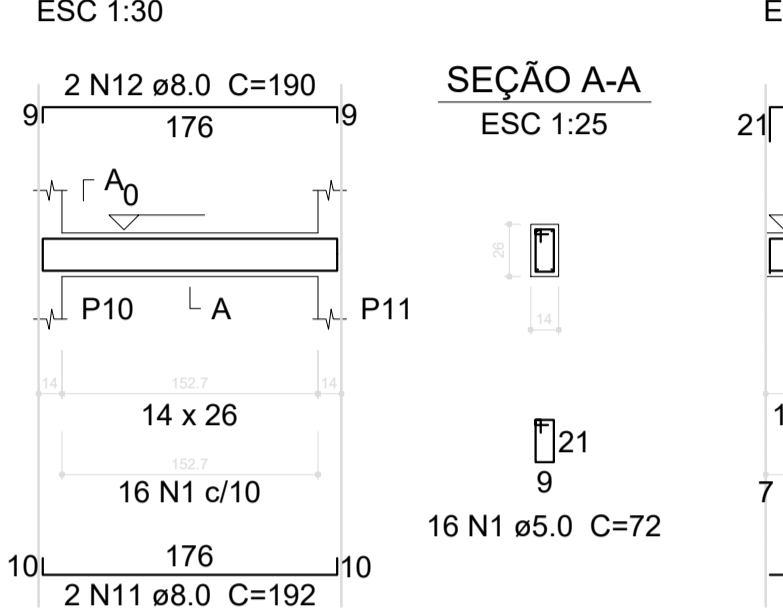
VB102



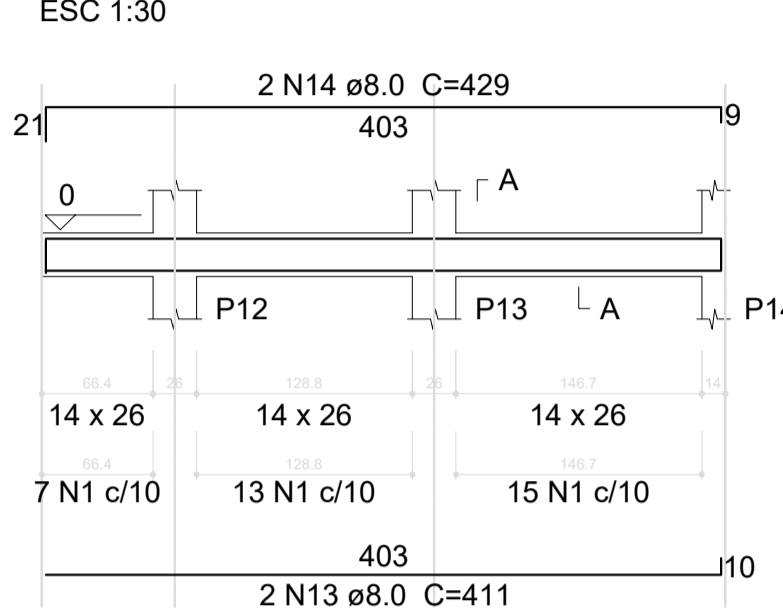
VB103



VB104



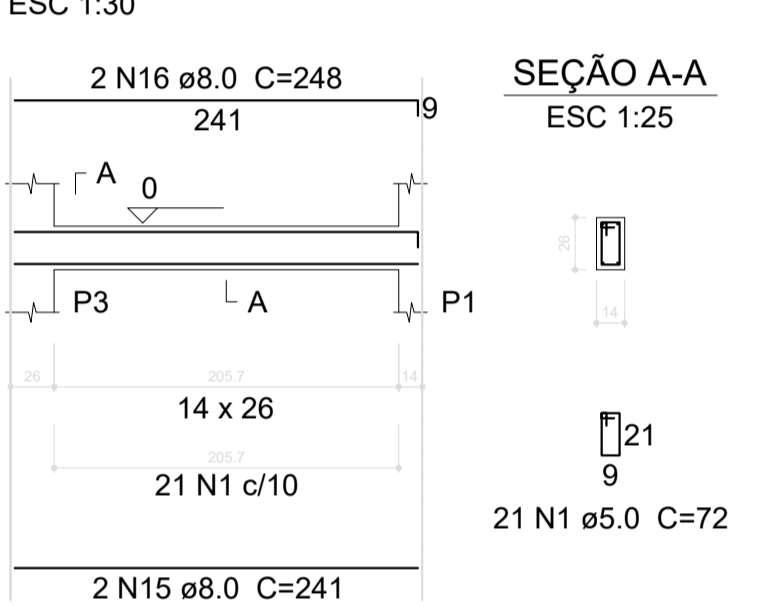
VB105



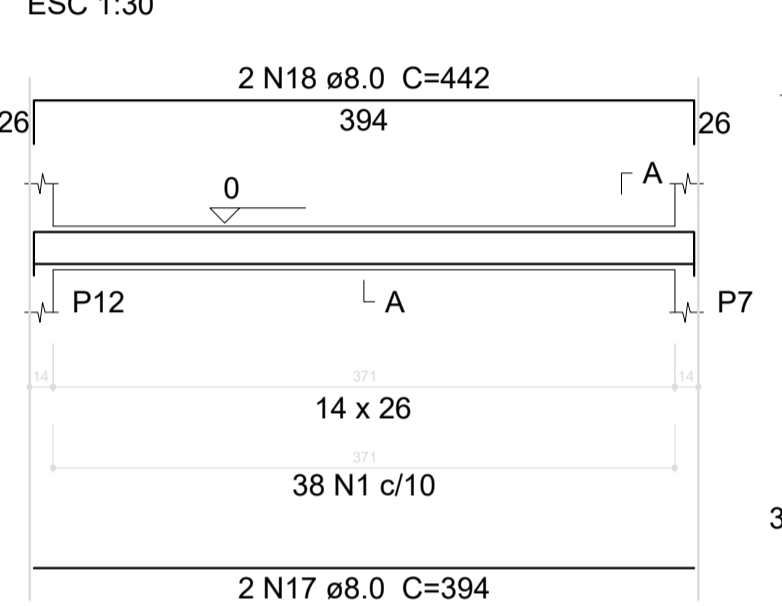
Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
10xP3					
VB101					
VB104					
VB107					
2xP5					
VB102					
VB105					
VB108					
14xS5					
VB103					
VB106					
VB109					

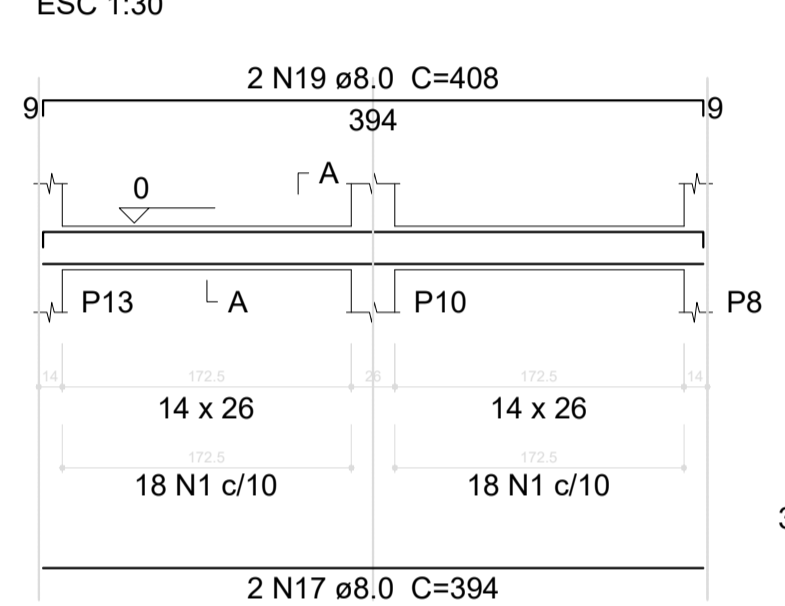
VB106



VB107

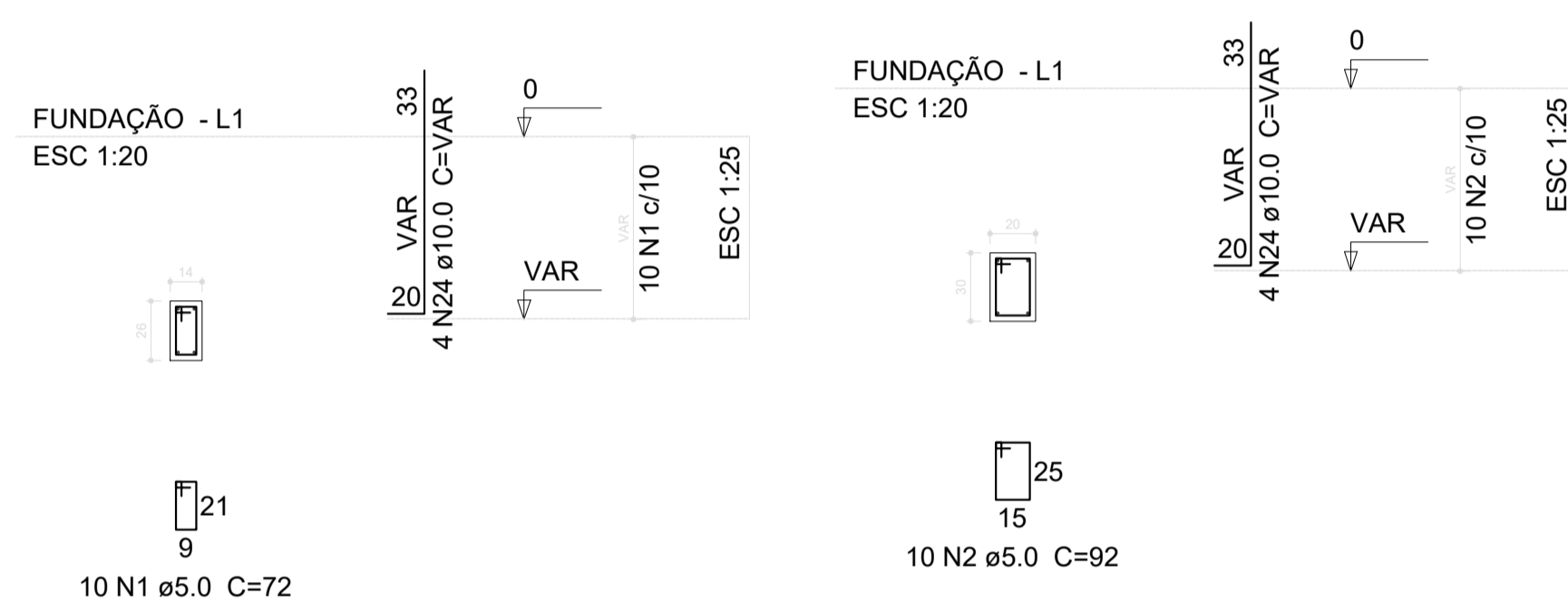


VB108



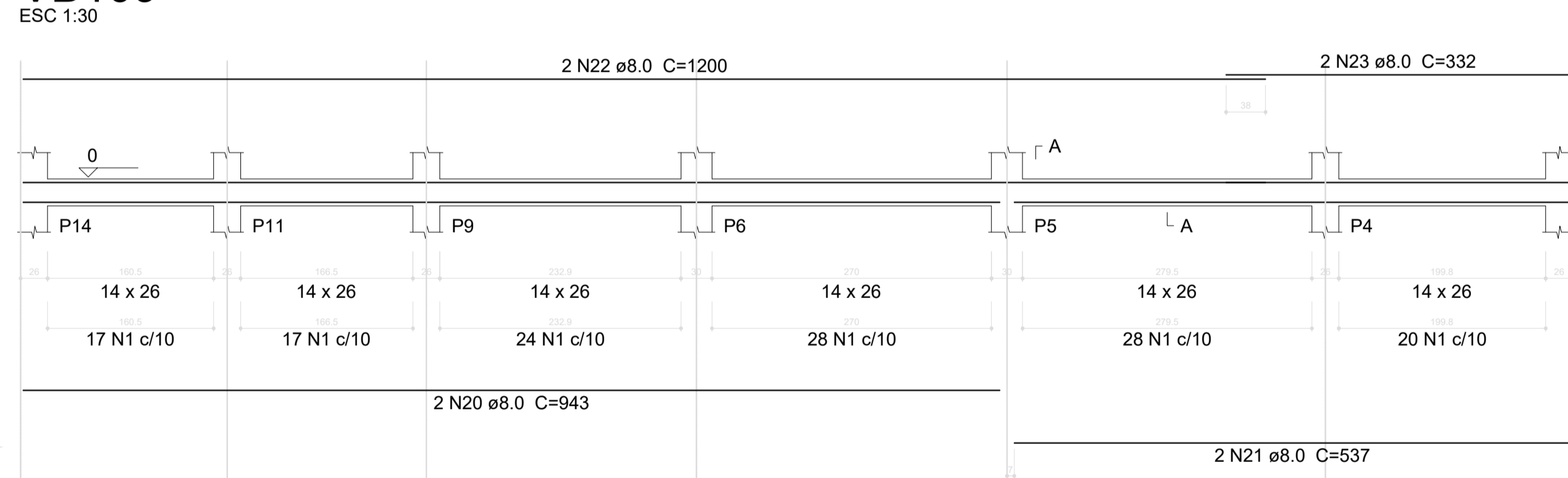
P3=P4=P7=P8=P9=P10=P11=P13

P5=P6

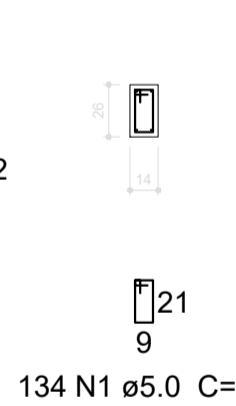


S3=S4=S5=S6=S7=S8=S9=S10=S11=S13

VB109

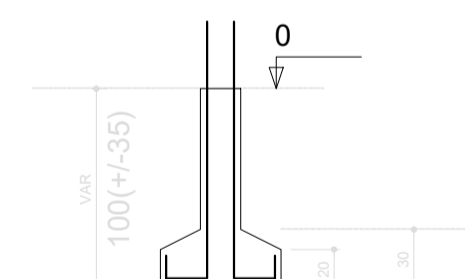
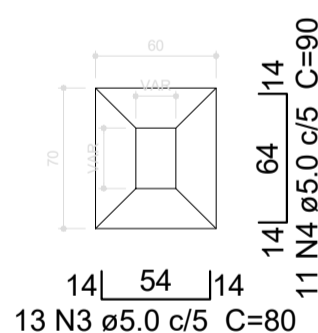


SEÇÃO A-A



PLANTA
ESC 1:25

CORTE
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	172.2	74.7
	10.0	84.6	57.3
CA60	5.0	661.2	112.1
PESO TOTAL (kg)			
CA50		132.1	
CA60		112.1	

Volume de concreto (C-30) = 2.09 m³
Volume de concreto (C-20) = 1.47 m³
Área de forma = 46.74 m²

NOTAS

LEGENDA

MAPA-CHAVE

ATUALIZAÇÃO

CONTRATANTE:

RESP. TEC. GABRIEL VINÍCIUS MARTINS
REG. CREA: 230.779/D



PREFEITURA MUNICIPAL DE JAPONVAR/MG
CNPJ Nº: 01.612.476/0001-46
R. CURITIBA, 212
Centro, Japonvar/MG,
CEP: 39.335-000

MUNICÍPIO/ÁREA:
MUNICÍPIO DE JAPOVAR
RESPONSÁVEL CONTRATANTE:
PREF. MUNICIPAL DE JAPONVAR/MG

TÍTULO:

PROJETO ESTRUTURAL
CONSTRUÇÃO DE QUADRA COBERTA
ARMAÇÃO DE VIGAS BALDRAMES E SAPATAS

ENDEREÇO DA OBRA:
COMUNIDADE NOVA MINDA –
JAPONVAR/MG

DATA:

17/11/2021

ESCALA: INDICADA

PRANCHA:

ARQUIVO: DE-2021.1811-MG.JAP-EST-EXE.001=0

03/05