

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
28xP1	CA60	1	5.0	756	36	27216
	CA60	2	5.0	756	125	94500
	CA50	3	10.0	168	320	53760
P4	CA60	1	5.0	22	125	2750
	CA50	2	16.0	4	320	1280
14xP5	CA60	1	5.0	378	26	9828
	CA60	2	5.0	378	105	39690
	CA50	3	10.0	84	320	26880
P13	CA60	1	5.0	22	36	792
	CA60	2	5.0	22	125	2750
	CA50	3	16.0	6	320	1920
6xP19	CA60	1	5.0	162	31	5022
	CA60	2	5.0	162	115	18630
	CA50	3	10.0	36	320	11520
P23	CA60	1	5.0	66	36	2376
	CA60	2	5.0	22	125	2750
	CA50	3	12.5	14	320	4480
2xP31	CA60	1	5.0	162	26	4212
	CA60	2	5.0	54	105	5670
	CA50	3	10.0	28	320	8960
P40	CA60	1	5.0	54	26	1404
	CA60	2	5.0	27	105	2835
	CA50	3	10.0	8	320	2560

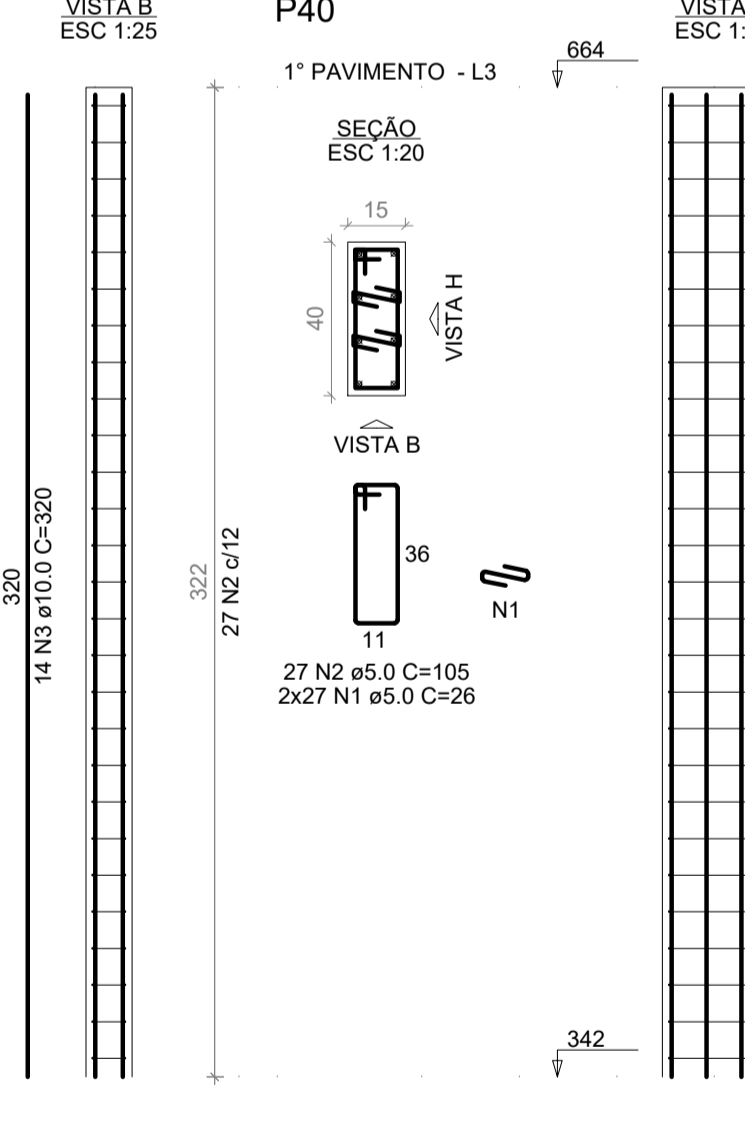
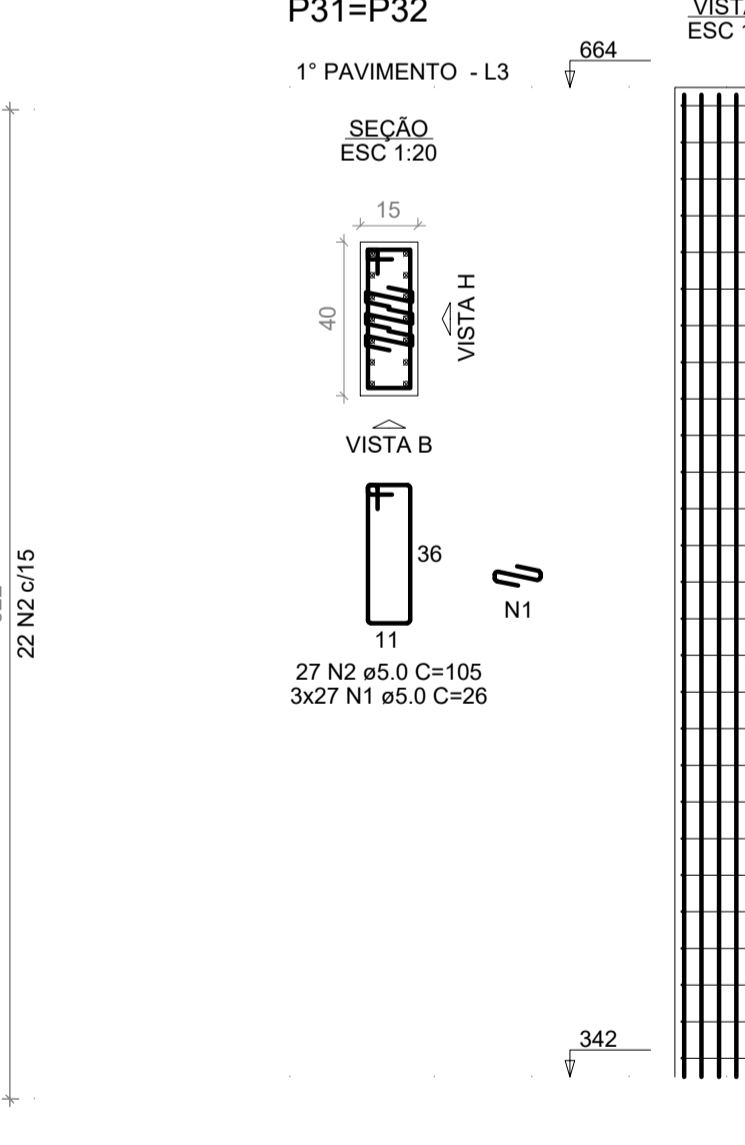
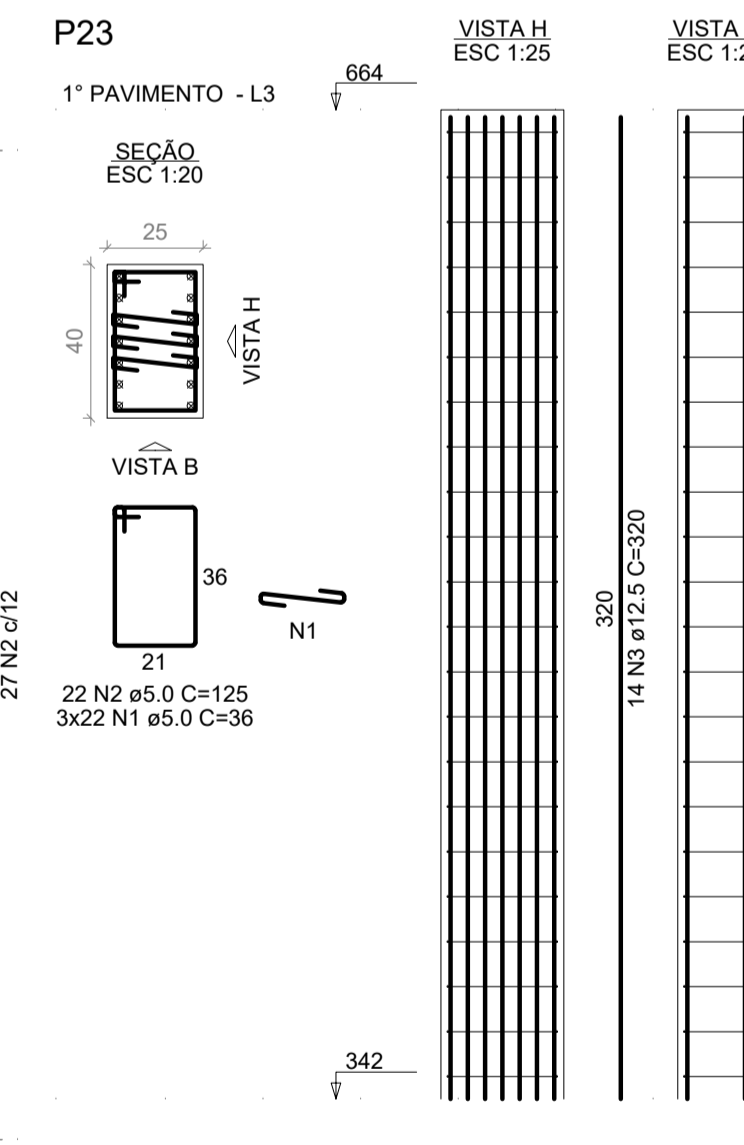
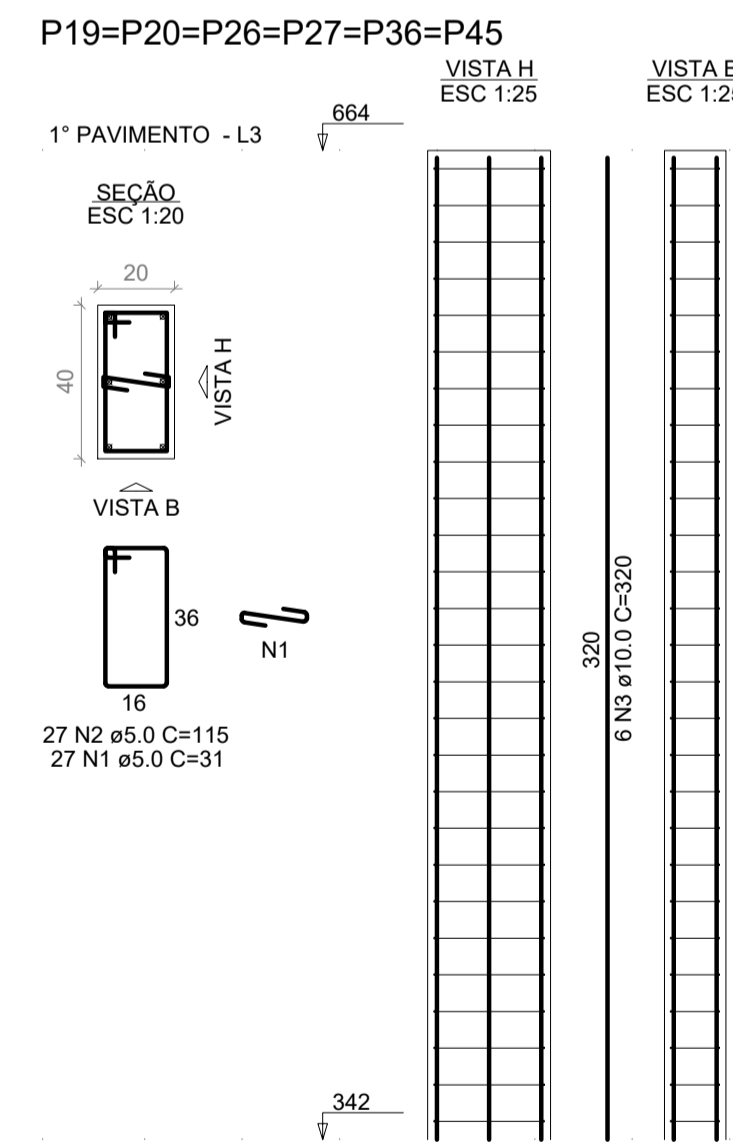
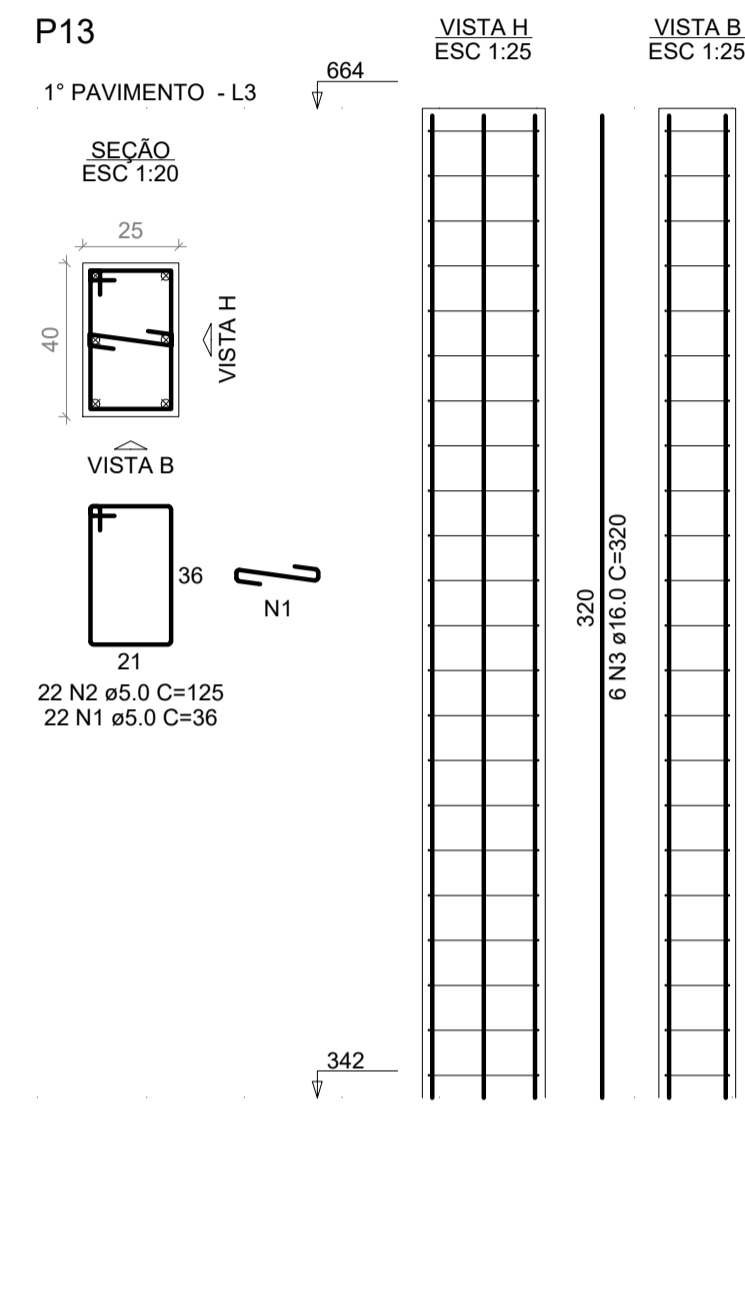
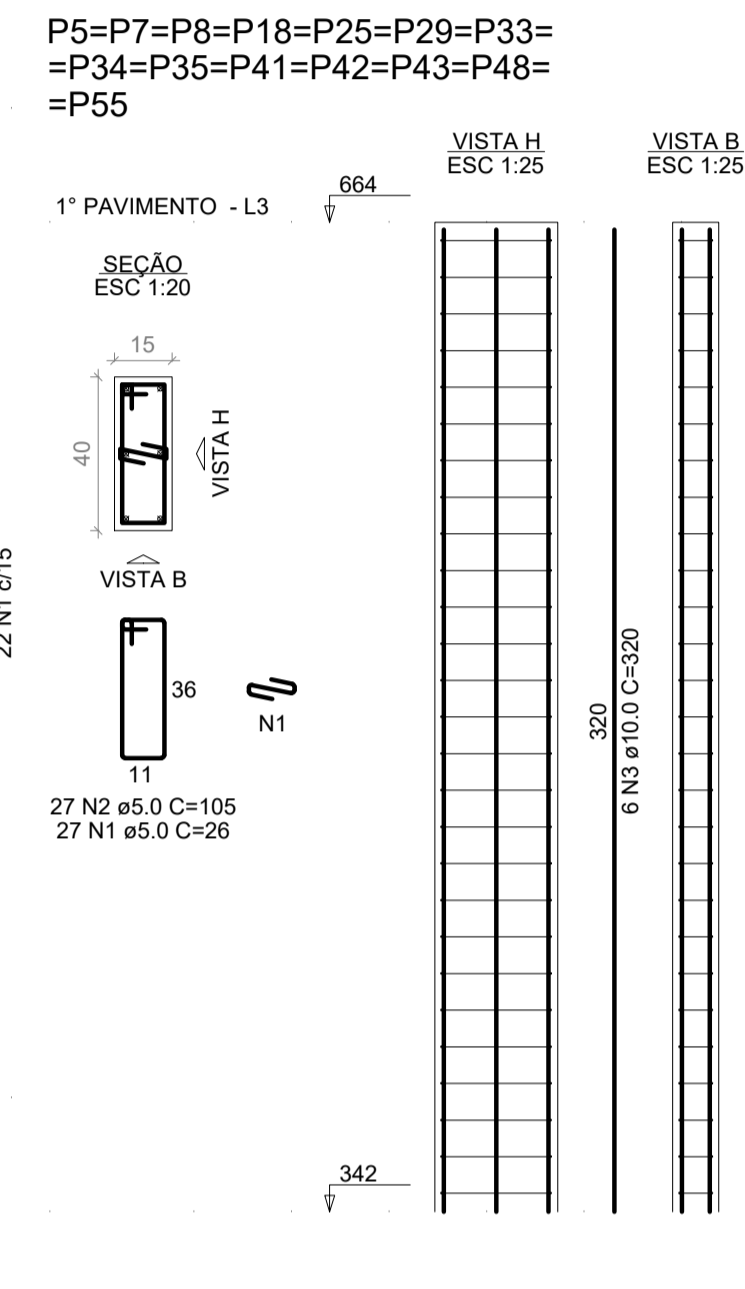
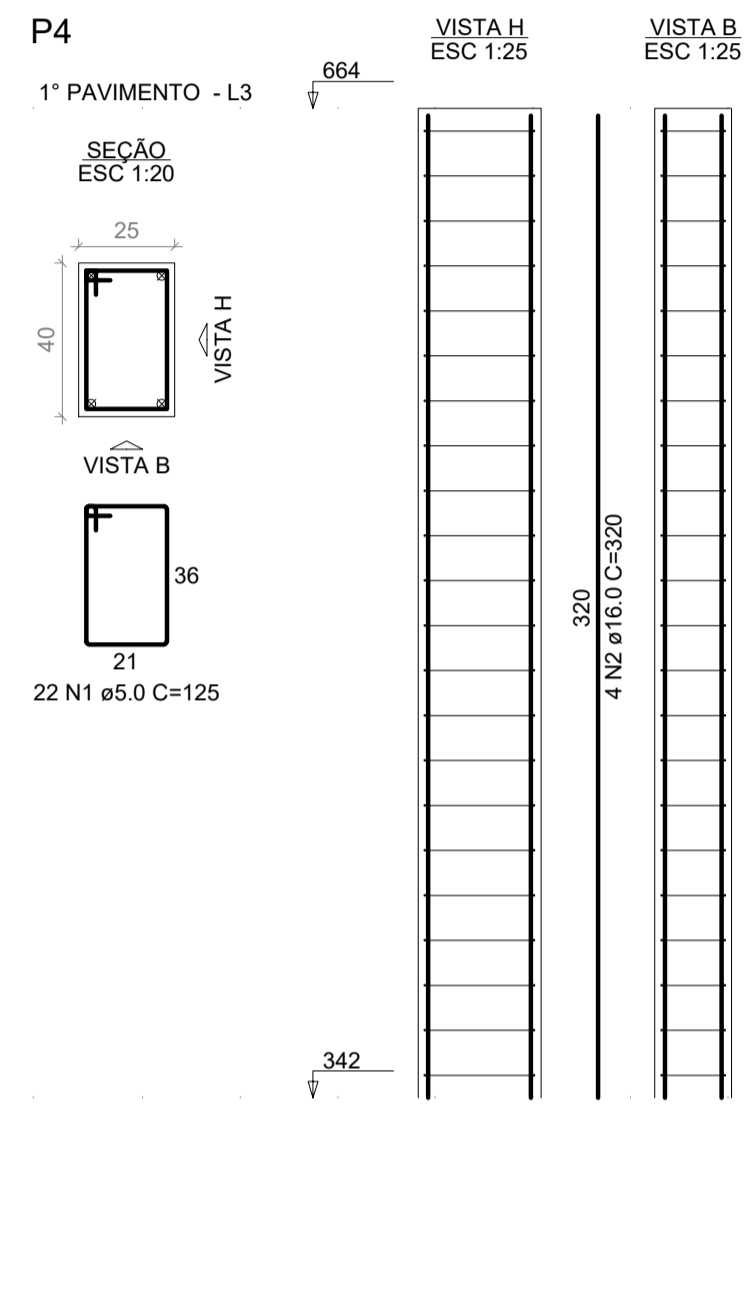
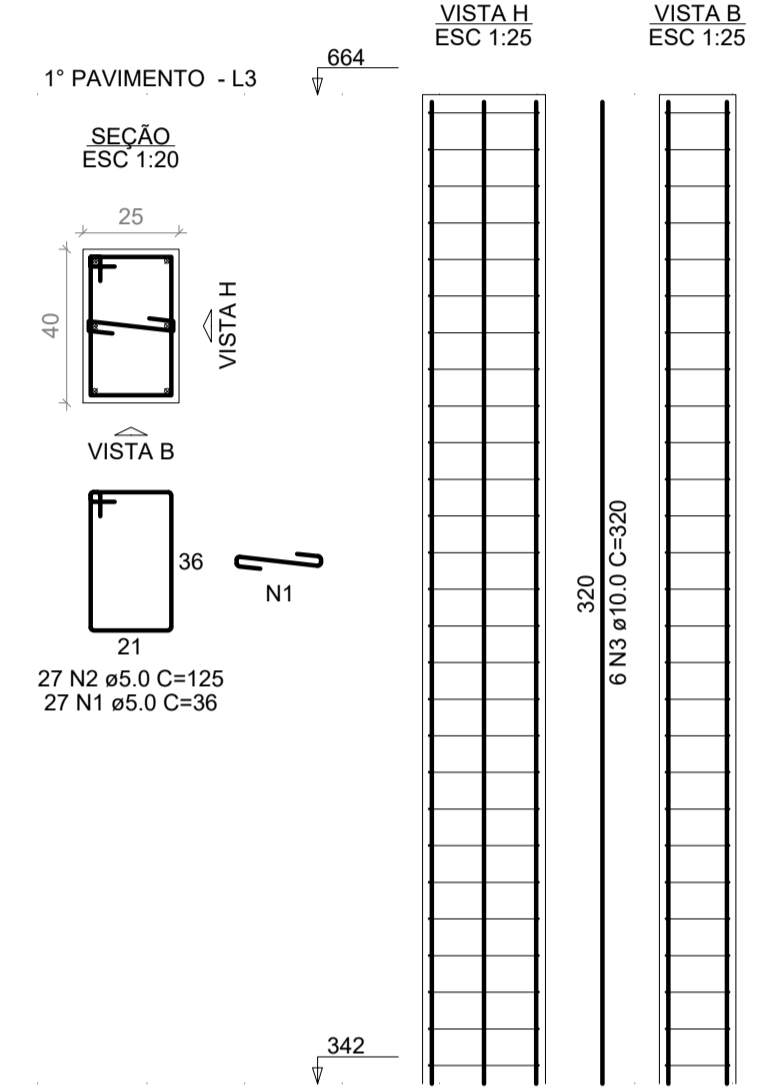
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1036.8	703.1
	12.5	44.8	47.5
	16.0	32	55.6
CA60	5.0	2204.3	373.7
PESO TOTAL (kg)			
CA50	806.2		
CA60	373.7		

Volume de concreto (C-25) = 14.81 m³

Área de forma = 213.16 m²

P1=P2=P3=P6=P9=P10=P11=P12=
=P14=P15=P16=P17=P21=P22=
=P24=P28=P30=P37=P38=P39=
=P46=P47=P49=P50=P51=P52=
=P53=P54



PREFEITURA MUNICIPAL DE MURIAÉ
SECRETARIA MUNICIPAL DE OBRAS PÚBLICAS

PROJETO ESTRUTURAL

PROJETO PILARES DO 1º PAVIMENTO

PREFEITURA DE MURIAÉ / CNPJ: 17.947.581/0001-76
SECRETARIO DE OBRAS PÚBLICAS:
MARCOS GUARINO DE OLIVEIRA
JORGE FERES FILHO
R. T. PROJETO:
ARLAN DO CARMO MENDONÇA
ENGº CIVIL - CREA MG. 177324/D

DESCRIÇÃO:
PROJETO ESTRUTURAL PARA CONSTRUÇÃO DE UMA UBS NO BARRIO INCONFIDENCIA
LOCAL:
RUA CLAUDIO MANOEL DA COSTA, ESQUINA COM A RUA ALVARENGA PEIXOTO - B. INCONFIDENCIA - MURIAÉ - MG
ARQUIVO: PROJ. ESTRUTURAL UBS INCONFIDENCIA .DWG
ESC: INDICADAS
FOLHA:
19/34