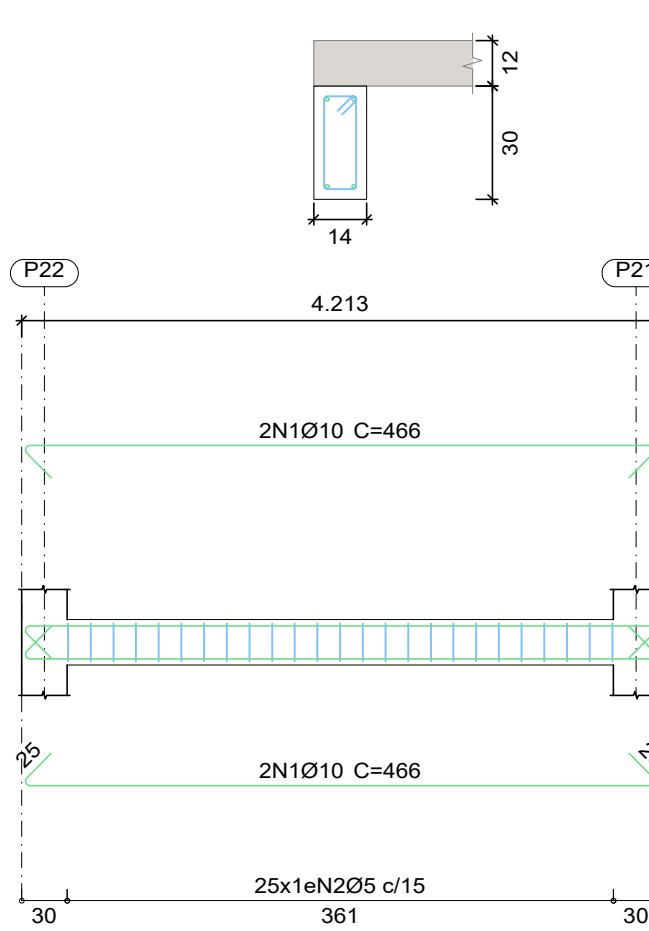
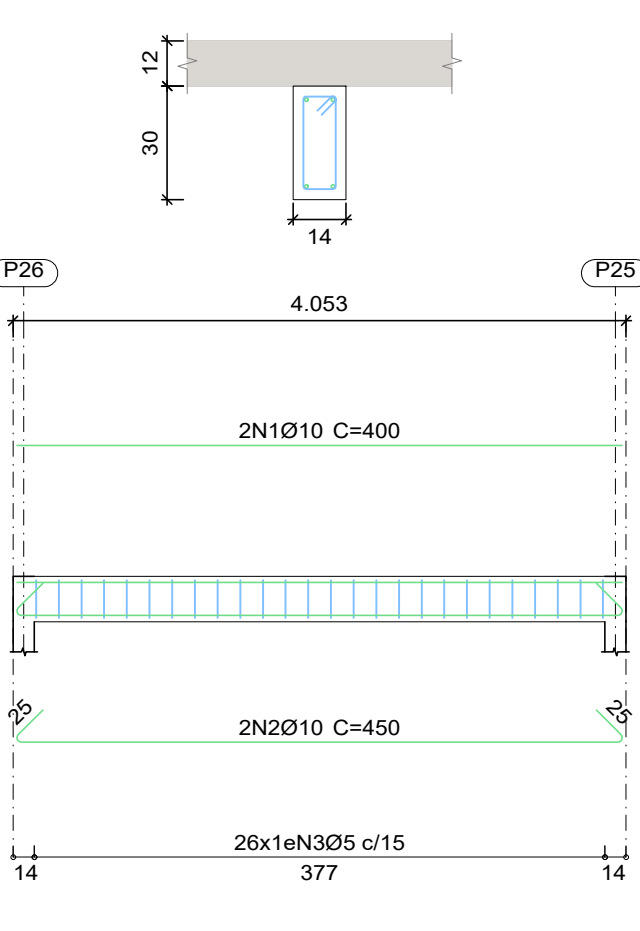


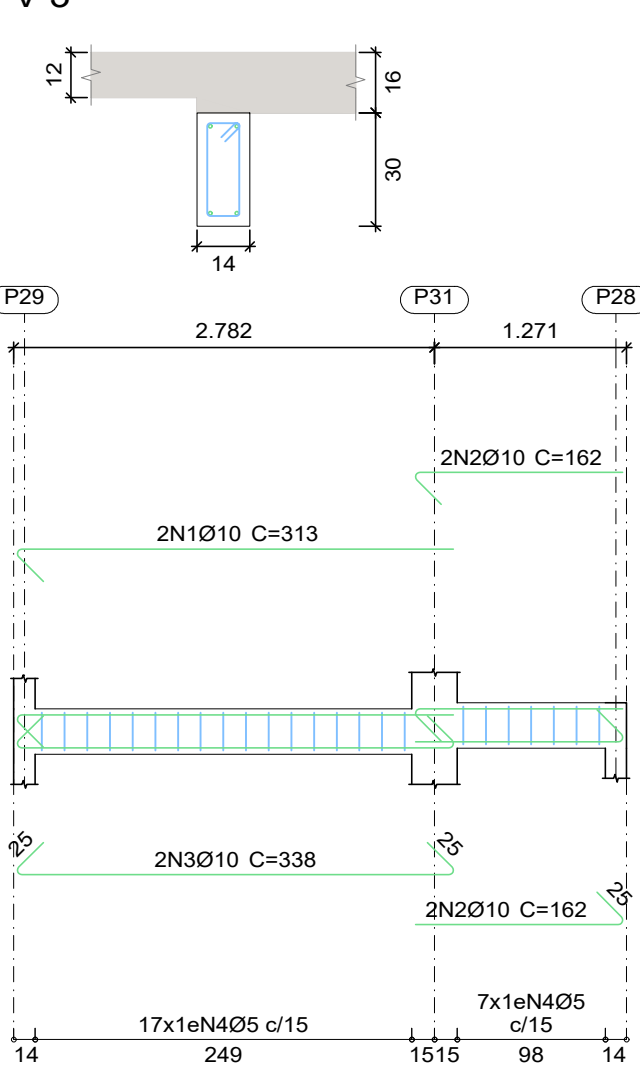
V 1



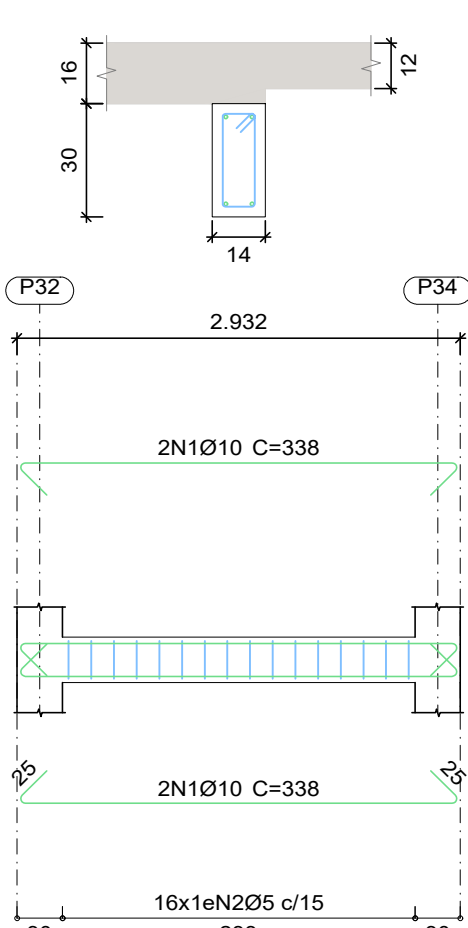
V 2



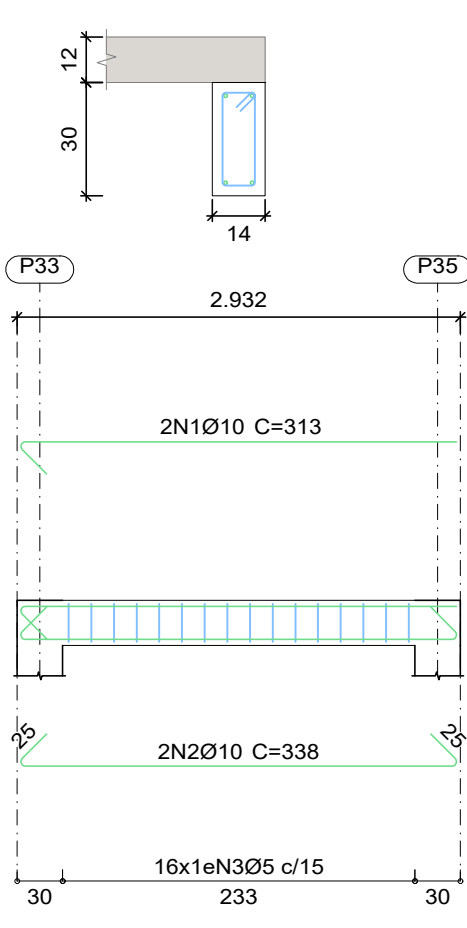
V 3



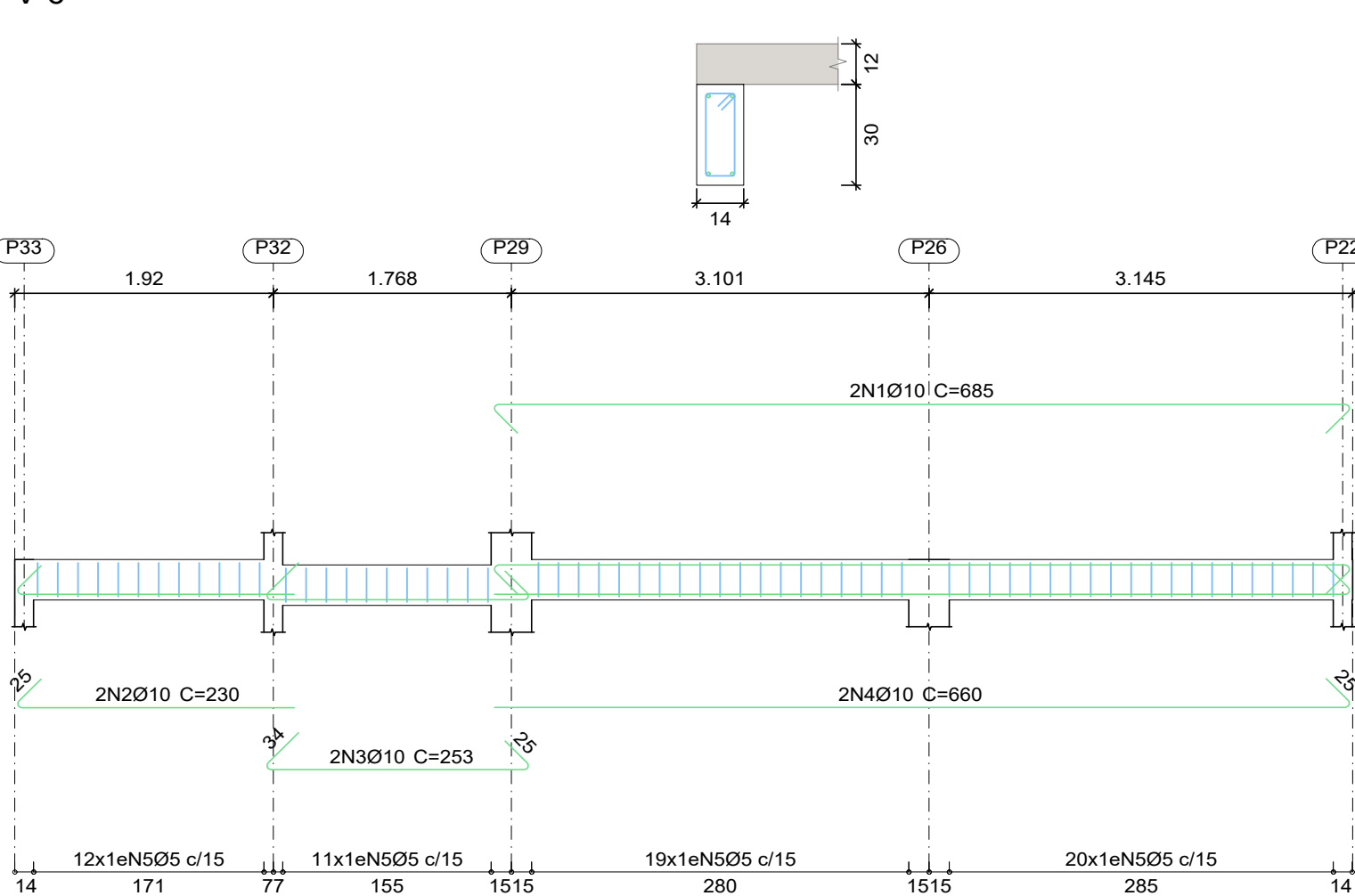
V 4



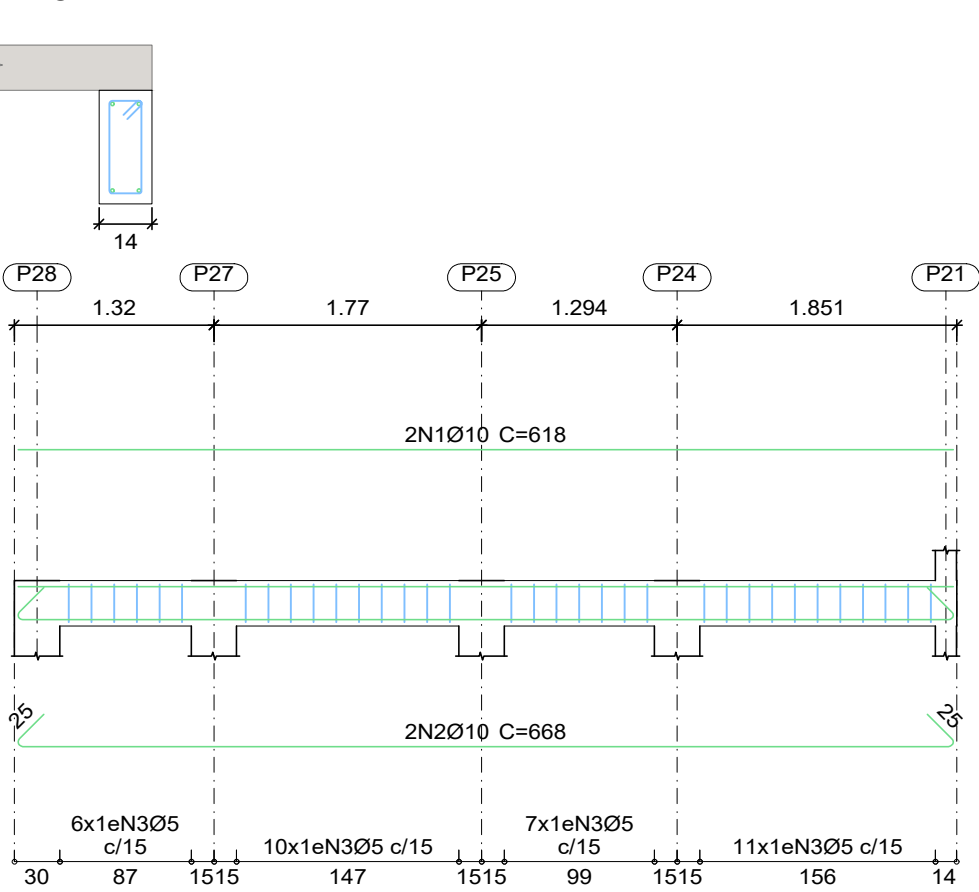
V 5



V 6



V 8



V 7

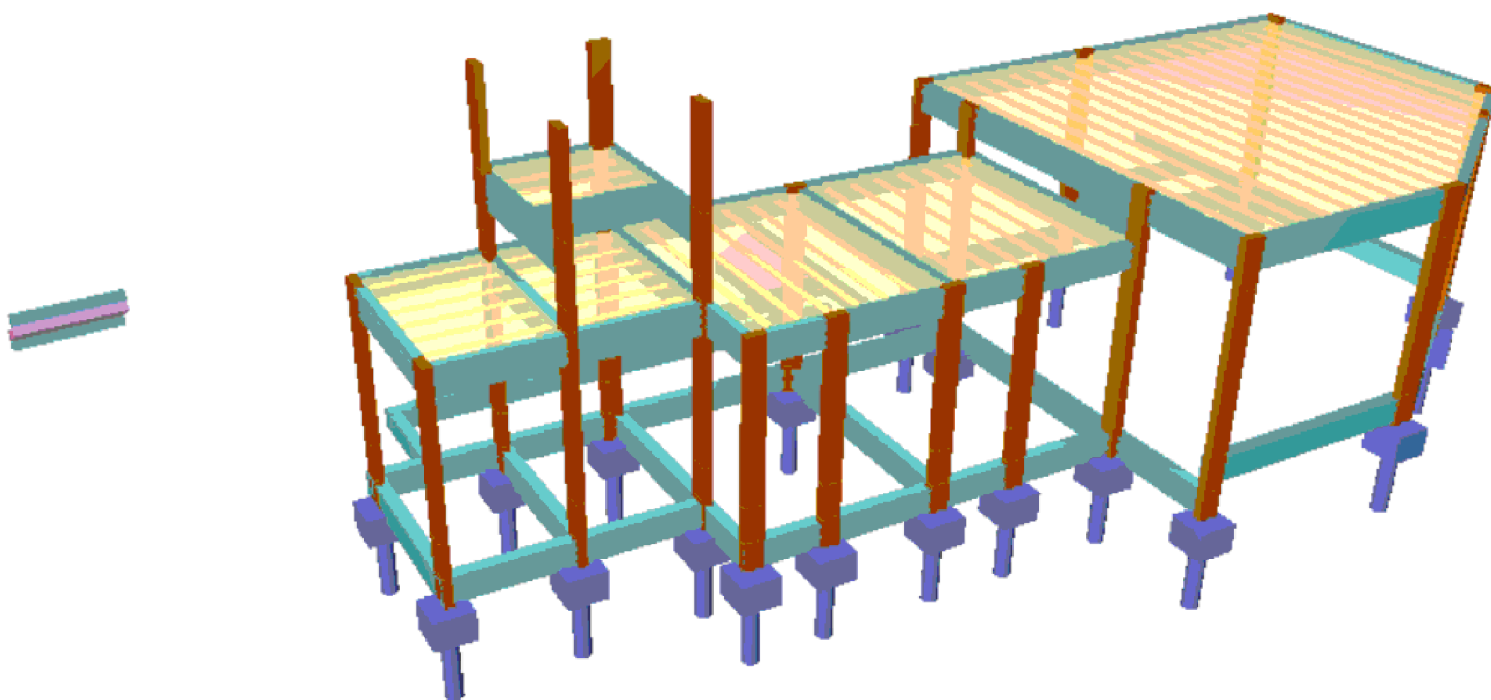
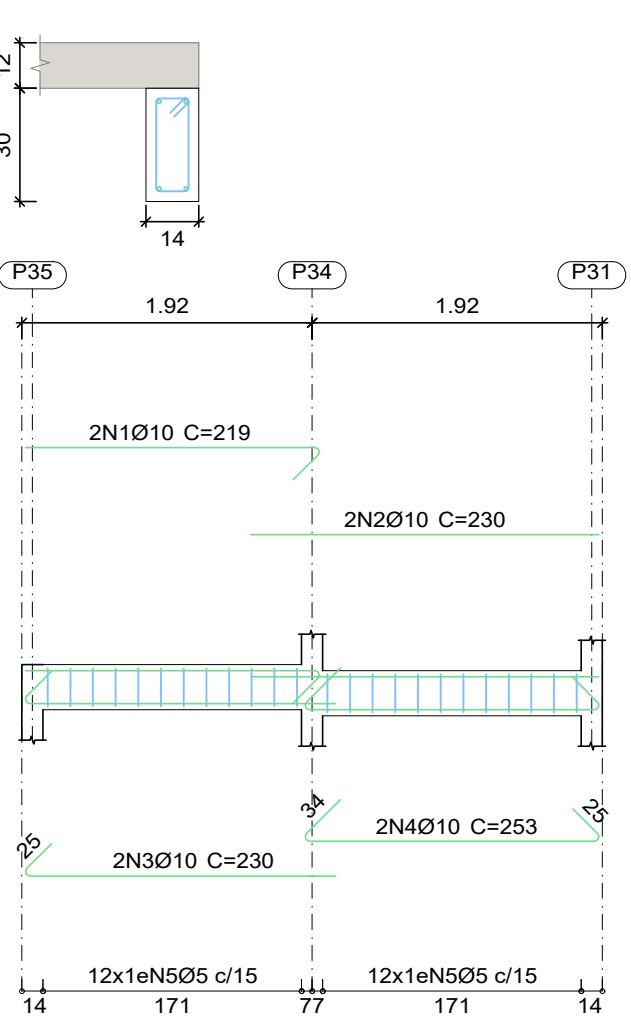


ILUSTRAÇÃO 3D

Cob. 1
Desenho de vigas
Concreto: C20, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:20
Escala aberturas 1:20

Elemento	Pos.	Diem.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1	1	Ø10	4		466	1864	11.5	
	2	Ø5	25		76	1900		3.0
	Total+10%:				12.7	3.3		
V 2	1	Ø10	2		400	800	4.9	
	2	Ø10	2		450	900	5.5	
	3	Ø5	26		76	1976		3.1
V 3	1	Ø10	2		313	626	3.9	
	2	Ø10	4		162	648	4.0	
	3	Ø10	2		338	676	4.2	
V 4	1	Ø10	4		313	1252	8.3	
	2	Ø5	16		76	1216		1.9
	Total+10%:				9.1	2.1		
V 5	1	Ø10	2		313	626	3.9	
	2	Ø10	2		338	676	4.2	
	3	Ø5	16		76	1216		1.9
V 6	1	Ø10	2		685	1370	8.4	
	2	Ø10	2		230	460	2.8	
	3	Ø10	2		253	506	3.1	
V 7	1	Ø10	2		219	438	2.7	
	2	Ø10	2		230	460	2.8	
	3	Ø10	2		230	460	2.8	
V 8	1	Ø10	2		253	506	3.1	
	2	Ø10	2		253	506	3.1	
	3	Ø5	24		76	1824		2.9
Total+10%:					12.5	3.2		
V 8	1	Ø10	2		618	1236	7.6	
	2	Ø10	2		668	1336	8.2	
	3	Ø5	34		76	2584		4.1
Total+10%:					17.4	4.5		
Ø5:					0.0	26.9		
Ø10:					105.9	0.0		
Total:					105.9	26.9		

Resumo Aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50 Ø10	162.6	110	110
CA-60 Ø5	172.5	30	30
Total		140	

REVISÕES	
01	-
Nº	DESCRIÇÃO
DATA	
Hortolândia UM PASSO À FRENTE	
ADMINISTRAÇÃO JOSÉ NAZARENO ZEZÉ GOMES 2021-2024	
COORDENADOR SÉRGIO MARASCO TORRELLAS - SECRETÁRIO MUNICIPAL DE OBRAS	
COORDENADOR TÉCNICO PAULO ANTONIO GUERRO VASQUES - DIRETOR DE PROJETOS E ORÇAMENTOS	
LOCAL RUA VICENTE PALHÃO, Nº 30 - JD. SANTA CÂNDIDA	
TÍTULO PROJETO DE ESTRUTURA DE CONCRETO ARMADO - PRÉDIO PRINCIPAL	
AUTOR DO PROJETO ENG. GLAYTON FLÁVIO BERGO	
FISCAL DATA 08/12	
ART 262041104058	
INDICAÇÕES 06 - JUNHO - 2024	
APPROVADO PREFEITURA MUNICIPAL DE HORTOLÂNDIA SECRETARIA DE OBRAS E URBANISMO	