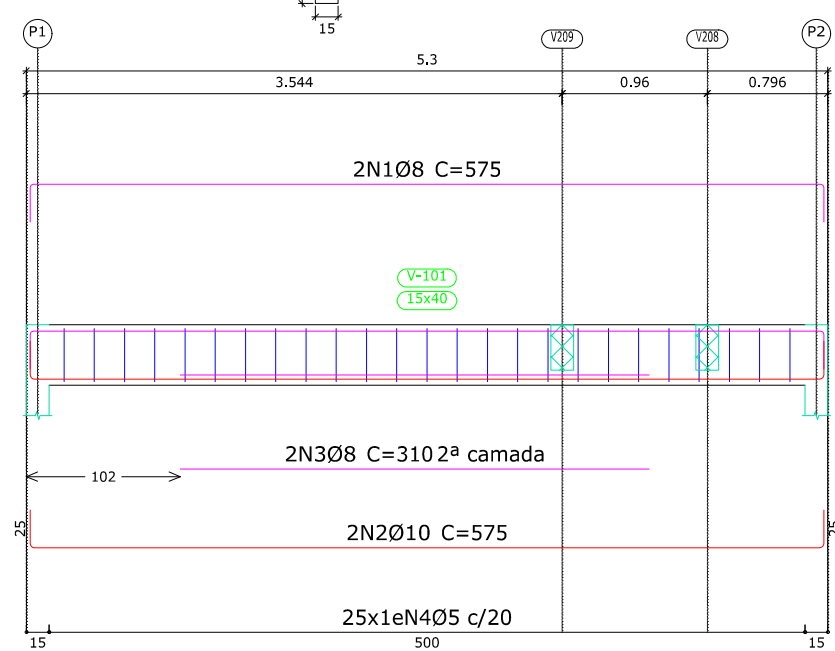
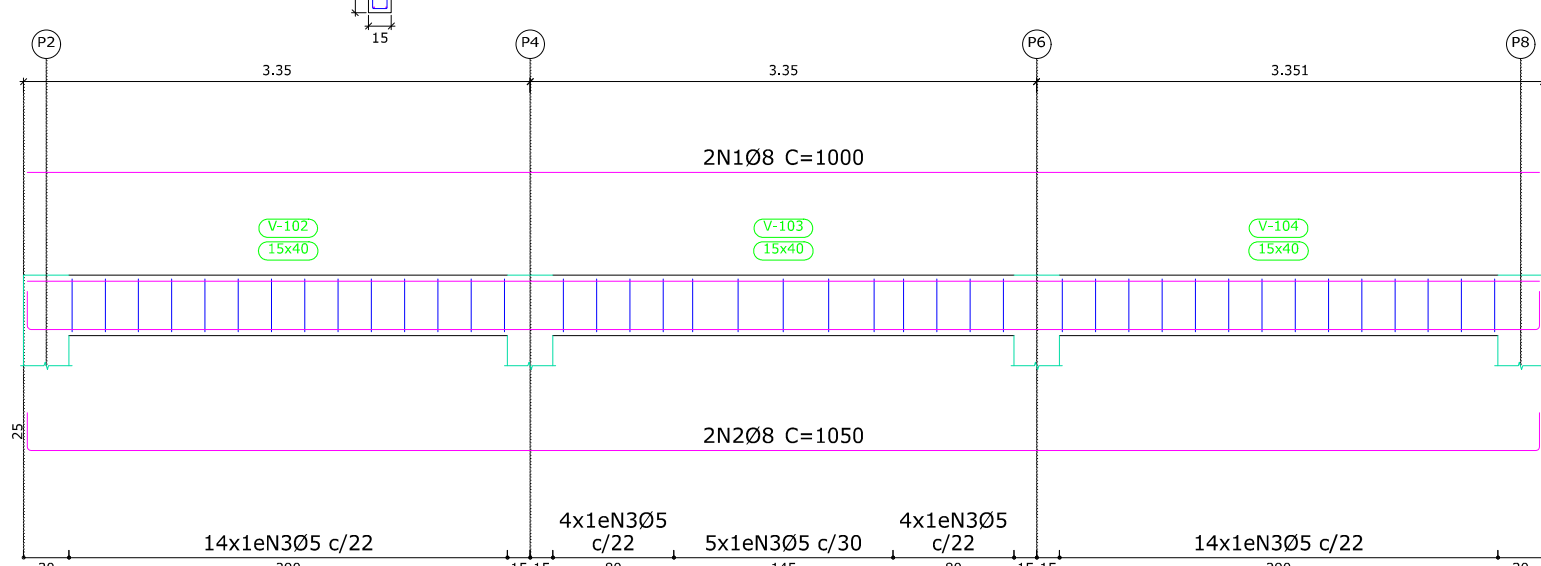


ESCALA 1/50

1000



VIGA 202



VIGA 203

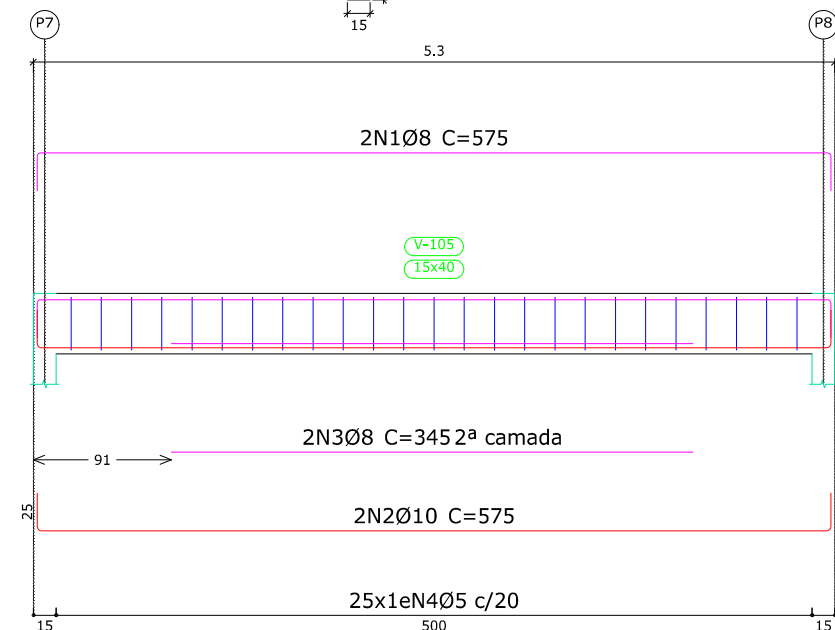
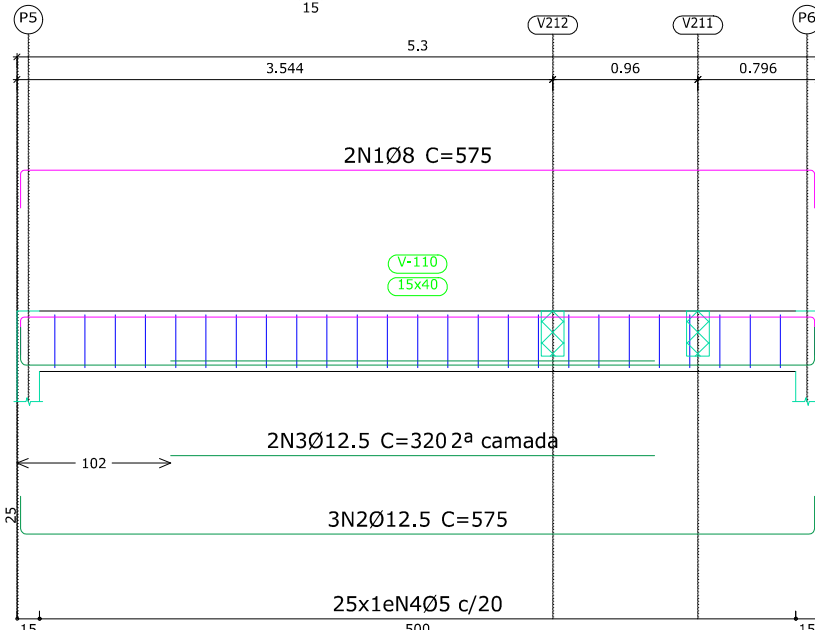
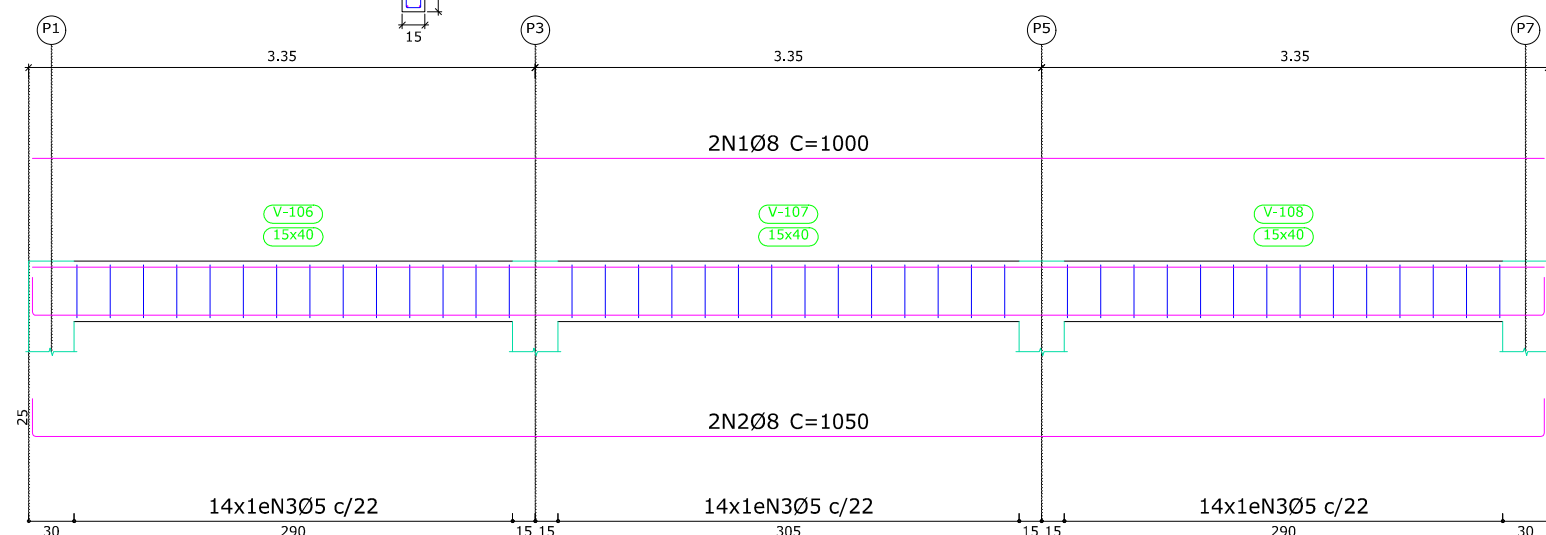
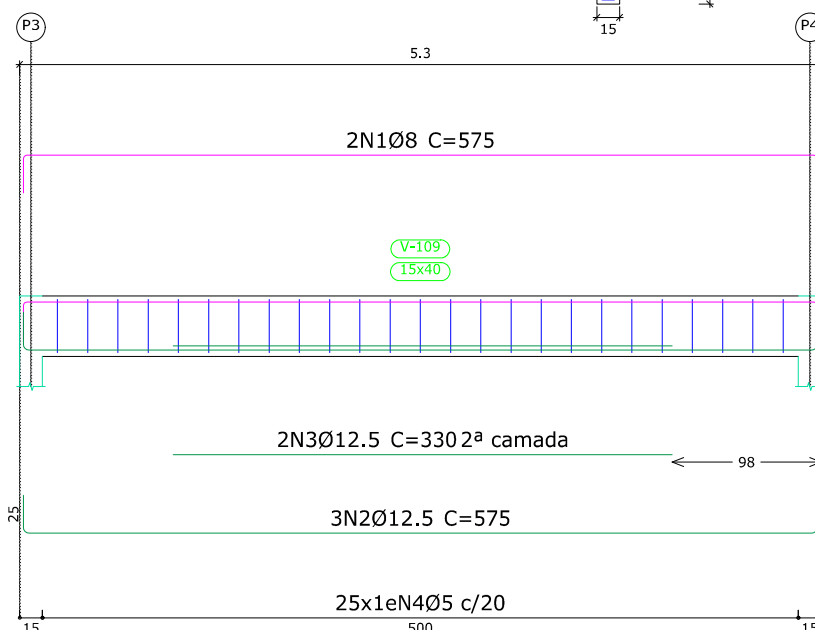


FIGURE 200

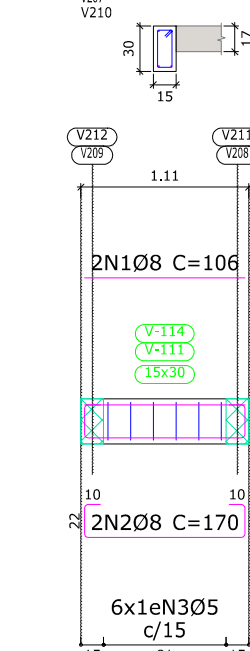


VIGA 205

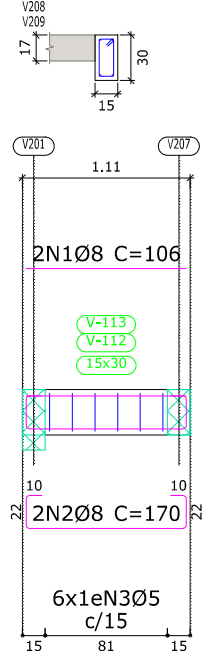


Resumo Aço	Comp. total	Peso+10%	
Desenho de vigas	(m)	(kg)	Total
CA-50 Ø8	188.1	82	
Ø10	23.0	16	
Ø12.5	47.5	50	148
CA-60 Ø5	222.1	38	38
Total			186

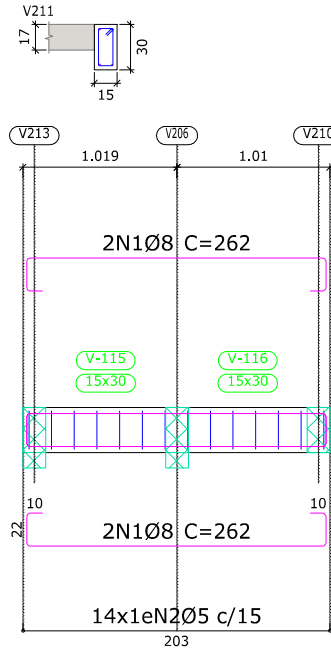
V287



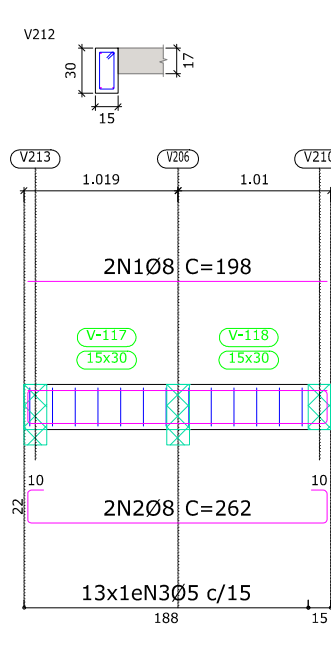
VIGA 208 e 209



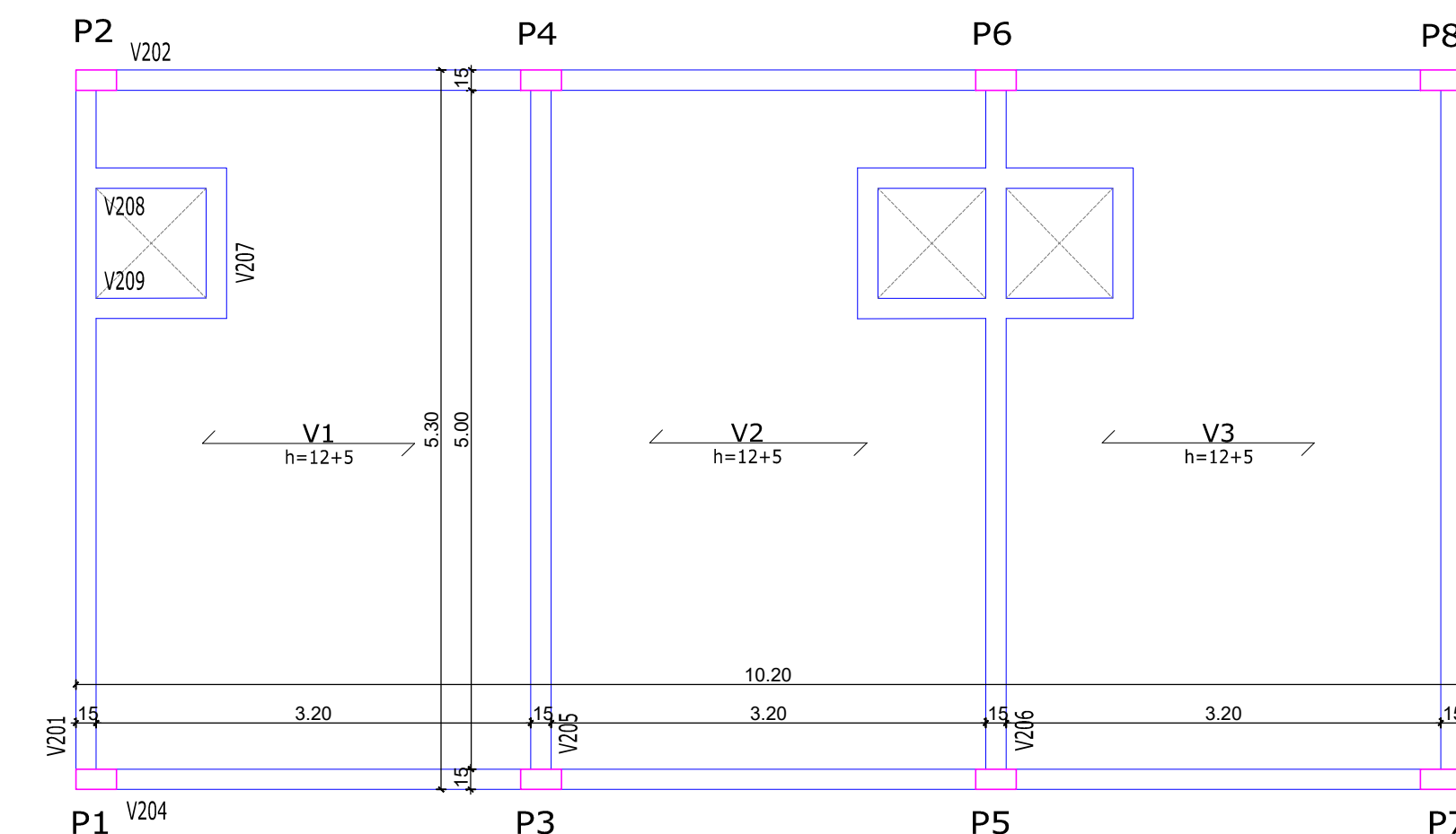
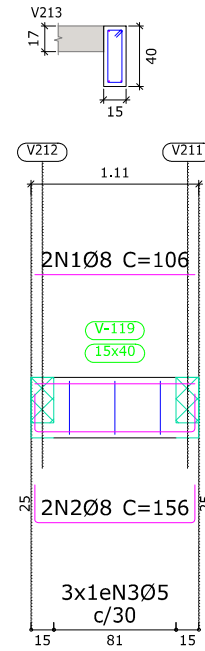
VIGA 211


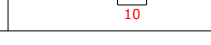
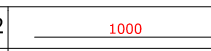




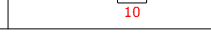
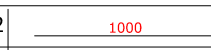
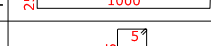

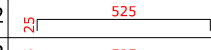



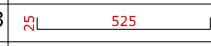


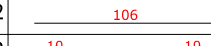

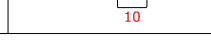

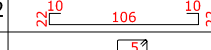



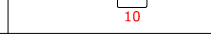

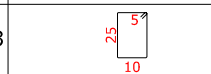

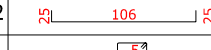
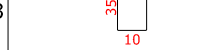






VIGA 212




VIGA 213



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V201	1	Ø8	2		575	1150	4.5	
	2	Ø10	2		575	1150	7.1	
	3	Ø8	2		310	620	2.4	
	4	Ø5	25		98	2450		3.8
	Total+10%:							15.4
V202	1	Ø8	2		1000	2000	7.9	
	2	Ø8	2		1050	2100	8.3	
	3	Ø5	41		98	4018		6.3
Total+10%:							17.8	6.9
V203	1	Ø8	2		575	1150	4.5	
	2	Ø10	2		575	1150	7.1	
	3	Ø8	2		345	690	2.7	
	4	Ø5	25		98	2450		3.8
Total+10%:							15.7	4.2
V204	1	Ø8	2		1000	2000	7.9	
	2	Ø8	2		1050	2100	8.3	
	3	Ø5	42		98	4116		6.5
Total+10%:							17.8	7.2
V205	1	Ø8	2		575	1150	4.5	
	2	Ø12.5	3		575	1725	16.6	
	3	Ø12.5	2		330	660	6.4	
	4	Ø5	25		98	2450		3.8
	Total+10%:							30.3
V206	1	Ø8	2		575	1150	4.5	
	2	Ø12.5	3		575	1725	16.6	
	3	Ø12.5	2		320	640	6.2	
	4	Ø5	25		98	2450		3.8
Total+10%:							30.0	4.2
V207=V210	1	Ø8	2		106	212	0.8	
	2	Ø8	2		170	340	1.3	
	3	Ø5	6		78	468		0.7
	Total+10%:							2.3
V208=V209	1	Ø8	2		106	212	0.8	
	2	Ø8	2		170	340	1.3	
	3	Ø5	6		78	468		0.7
	Total+10%:							2.3
V211	1	Ø8	4		262	1048	4.1	
	2	Ø5	14		78	1092		1.7
Total+10%:							4.5	1.9
V212	1	Ø8	2		198	396	1.6	
	2	Ø8	2		262	524	2.1	
	3	Ø5	13		78	1014		1.6
Total+10%:							4.1	1.8
V213	1	Ø8	2		106	212	0.8	
	2	Ø8	2		156	312	1.2	
	3	Ø5	3		98	294		0.5
Total+10%:							2.2	0.6

1. A EXECUÇÃO DEVE SEGUIR OS CRITÉRIOS DA NBR 6118;
2. CONCRETO FCK 30 MPa. PARA TODAS AS PEÇAS;
3. MÓDULO DE ELASTICIDADE SECANTE 26,8 GPa;
4. MEDIDAS EM M, NÍVEIS EM M, EXCETO ENDOICADO;
5. TODAS AS MEDIDAS E NÍVEIS INDICADOS DEVERÃO SER VERIFICADOS E CONFIRMADOS NO LOCAL;
6. COBRIMENTO:
 - VIGAS: 3,0 CM
 - PILARES: 3,0 CM
 - SAPATA: 4,5 CM;
7. DEVERÃO SER UTILIZADOS DISTANCIADORES ADEQUADOS DE MODO A GARANTIR O COBRIMENTO DURANTE CONCRETAGEM;
8. DEVERÁ SER FEITO CONTROLE TECNOLÓGICO DO CONCRETO CONFORME NBR 12654 E NBR 12655;
9. FATOR ÁGUA-CIMENTO A/C < 0,60 P/ FCK = 30 MPa;
10. UTILIZAR CONCRETO DOSADO EM CENTRAL:
 - COM DIÂMETRO MÁXIMO DO AGREGADO GRAUADO = 19,0MM,
 - SLUMP 5 +/- 1 PARA DESCARGA CONVENCIONAL,
 - SLUMP 8 +/- 1 PARA DESCARGA EM BOMBA;
11. PREVER LASTRO DE CONCRETO MAGRO DE 5CM SOB TODAS AS PEÇAS DE CONCRETO QUE FICARÃO EM CONTATO COM O SOLO;
12. ESTE DESENHO ESTABELECE AS CONDIÇÕES BÁSICAS DE PROJETO, PODENDO SOFRER ALTERAÇÕES DEVIDO AS REAIS CONDIÇÕES DE CAMPO, OBSERVÁVEIS DURANTE A EXECUÇÃO;
13. A REFERÊNCIA DAS COTAS DE NÍVEL É A MESMA DO PROJETO DE ARQUITETURA;


THIAGO SALES PEREIRA DOS SANTOS Sales Pereira dos Santos
 Engenheiro Civil | (CREA-PE Nº 056493)

Secretaria de Infraestrutura e Controle Urbano
Prefeitura da Vitória de Santo Antão
CNPJ: 11.049.855/0001-23

PROJETO ESTRUTURA - CISTERNA QUIOSQUES

PROJETOS COMPLEMENTARES PARA REFORMA DO GALPÃO 02 DA FEIRA, NA RUA PRIMITIVO DE MIRANDA, BAIRRO MATRIZ, EM VITÓRIA DE SANTO ANTÃO - PE.

CORDENACÃO / COLABORAÇÃO

N° PRANCHA

REVISÃO	01
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DATA	ABRIL /2023
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ESCALA	
INDICADO	

OBSERVAÇÕES: * ESTE PROJETO ANULA AS REVISÕES ANTERIORES * DÚVIDAS: CONSULTAR COLABORADOR