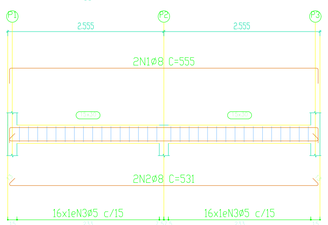
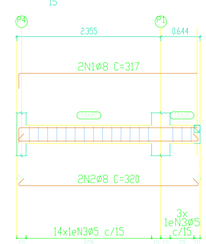
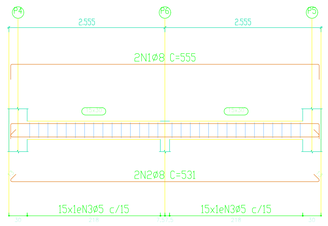
V 1



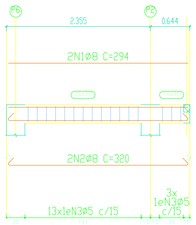
V 3



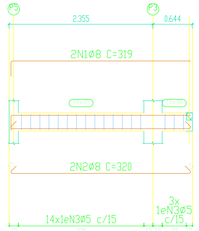
V 2



V 4



V 5



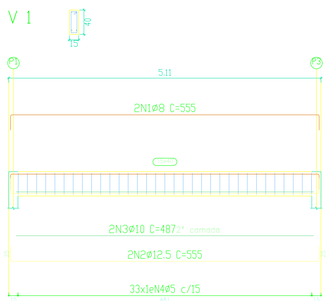
Elemento	Pos.	Dia.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1	1	ø8	2	505	555	1110	4.4	
	2	ø8	2	505	531	1062	4.2	
	3	ø5	32	55 10	78	2496		3.9
						Total+10%	9.5	4.3
V 2	1	ø8	2	505	555	1110	4.4	
	2	ø8	2	505	531	1062	4.2	
	3	ø5	30	55 10	78	2340		3.7
						Total+10%	9.5	4.1
V 3	1	ø8	2	292	317	634	2.5	
	2	ø8	2	294	320	640	2.5	
	3	ø5	17	55 10	78	1326		2.1
						Total+10%	5.5	2.3
V 4	1	ø8	2	294	294	588	2.3	
	2	ø8	2	294	320	640	2.5	
	3	ø5	16	55 10	78	1248		2.0
						Total+10%	5.3	2.2
						ø5:	0.0	12.9
						ø8:	29.8	0.0
						Total:	29.8	12.9

Elemento	Pos.	Dia.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 5	1	ø8	2	294	319	638	2.5	
	2	ø8	2	294	320	640	2.5	
	3	ø5	17	55 10	78	1326		2.1
						Total+10%	5.5	2.3
						ø5:	0.0	2.3
						ø8:	5.5	0.0
						Total:	5.5	2.3

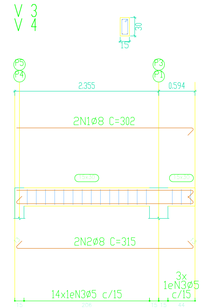
Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	ø8	81.2	35	35
CA-60	ø5	87.4	15	15
Total				50

PISO
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:50
Escala aberturas 1:50

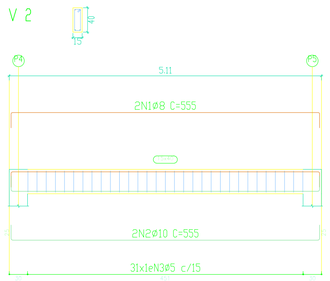
V 1



V 3
V 4



V 2



LAJE
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:50
Escala aberturas 1:50

Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	ø8	46.9	20	
	ø10	20.8	14	
	ø12.5	11.1	12	46
CA-60	ø5	89.2	15	15
Total				61

Elemento	Pos.	Dia.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1	1	ø8	2	505	555	1110	4.4	
	2	ø12.5	2	505	555	1110	10.7	
	3	ø10	2	487	487	974	6.0	
	4	ø5	33	55 10	98	3234		5.1
						Total+10%	23.2	5.6
V 2	1	ø8	2	505	555	1110	4.4	
	2	ø10	2	505	555	1110	6.8	
	3	ø5	31	55 10	98	3038		4.8
						Total+10%	12.3	5.3
V 3=V 4	1	ø8	2	289	302	604	2.4	
	2	ø8	2	289	315	630	2.5	
	3	ø5	17	55 10	78	1326		2.1
						Total+10%	5.4	2.3
						(x2)	10.8	4.6
						ø5:	0.0	15.5
						ø8:	20.4	0.0
						ø10:	14.1	0.0
						ø12.5:	11.8	0.0
						Total:	46.3	15.5

OBS: Estrutural de ampliação do posto de saúde

PREFEITURA MUNICIPAL DE RIO NOVO DO SUL

SECRETARIA MUNICIPAL DE PLANEJAMENTO

PROJETO ESTRUTURAL PARA REFORMA E AMPLIAÇÃO DE UNIDADE BÁSICA DE SAÚDE

LOCAL: ESTRADA RIO NOVO DO SUL - VARGEM ALTA, MUNDO NOVO - RIO NOVO DO SUL - ES

CONTEÚDO:
PLANTA DAS VIGAS

FOLHA: 3/5

ADMINISTRAÇÃO:
JOCENEI MARCONCINI CASTELARI
PREFEITO MUNICIPAL

RESPONSÁVEL TÉCNICO:
VICTOR COLLI ZERBONE:09103800741
Assinado digitalmente por VICTOR COLLI ZERBONE:09103800741
Data: 2022.06.22 10:59:56 -0300
VICTOR COLLI ZERBONE
ENGENHEIRO CIVIL - CREA ES-037377/D