



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)	
V.7	1	ø10	2	[Diagram]	575	1150	7.1		
	2	ø10	2	[Diagram]	625	1250	7.7		
	3	ø8	1	[Diagram]	255	255	1.0		
	4	ø5	28	[Diagram]	88	2464		3.9	
				Total+10%			17.4	4.3	
V.8	1	ø10	2	[Diagram]	625	1250	7.7		
	2	ø12.5	2	[Diagram]	625	1250	12.0		
	3	ø12.5	1	[Diagram]	465	465	4.5		
	4	ø5	30	[Diagram]	88	2640		4.1	
				Total+10%			26.6	4.5	
V.9	1	ø10	2	[Diagram]	1200	2400	14.8		
	2	ø8	2	[Diagram]	340	680	2.7		
	3	ø10	2	[Diagram]	1005	2010	12.4		
	4	ø10	2	[Diagram]	580	1160	7.1		
	5	ø5	78	[Diagram]	88	6864		10.8	
				Total+10%			40.7	11.9	
V.10	1	ø10	2	[Diagram]	350	700	4.3		
	2	ø10	2	[Diagram]	375	750	4.6		
	3	ø5	17	[Diagram]	88	1496		2.3	
				Total+10%			9.8	2.5	
V.11	1	ø8	2	[Diagram]	175	350	1.4		
	2	ø8	2	[Diagram]	204	408	1.6		
	3	ø5	7	[Diagram]	88	616		1.0	
				Total+10%			3.3	1.1	
V.12	1	ø10	2	[Diagram]	605	1210	7.5		
	2	ø10	2	[Diagram]	655	1310	8.1		
	3	ø5	29	[Diagram]	88	2552		4.0	
				Total+10%			17.2	4.4	
V.13	1	ø8	2	[Diagram]	340	680	2.7		
	2	ø8	2	[Diagram]	390	780	3.1		
	3	ø5	10	[Diagram]	88	880		1.4	
				Total+10%			6.4	1.5	
V.14	1	ø8	2	[Diagram]	340	680	2.7		
	2	ø10	2	[Diagram]	390	780	4.8		
	3	ø5	18	[Diagram]	88	1584		2.5	
					Total+10%			8.3	2.8
	1	ø10	2	[Diagram]	1200	2400	14.8		
2	ø8	2	[Diagram]	425	850	3.4			
3	ø10	2	[Diagram]	960	1920	11.8			
4	ø10	2	[Diagram]	620	1240	7.6			
5	ø5	78	[Diagram]	88	6864		10.8		
				Total+10%			41.4	11.9	
V.1	1	ø10	4	[Diagram]	1200	4800	29.6		
	2	ø8	2	[Diagram]	295	590	2.3		
	3	ø10	2	[Diagram]	781	1562	9.6		
	4	ø10	2	[Diagram]	825	1650	10.2		
	5	ø10	2	[Diagram]	989	1978	12.2		
	6	ø5	129	[Diagram]	88	11352		17.8	
				Total+10%			70.3	19.6	
V.3	1	ø10	2	[Diagram]	565	1130	7.0		
	2	ø10	2	[Diagram]	625	1250	7.7		
	3	ø5	30	[Diagram]	88	2640		4.1	
				Total+10%			16.2	4.5	
V.6	1	ø10	4	[Diagram]	440	1760	10.8		
	2	ø5	19	[Diagram]	88	1672		2.6	
				Total+10%			11.9	2.9	
V.4	1	ø10	4	[Diagram]	440	1760	10.8		
	2	ø6.3	1	[Diagram]	250	250	0.6		
	3	ø5	20	[Diagram]	88	1760		2.8	
				Total+10%			12.5	3.1	
V.2	1	ø8	2	[Diagram]	415	830	3.3		
	2	ø10	2	[Diagram]	440	880	5.4		
	3	ø5	20	[Diagram]	88	1760		2.8	
				Total+10%			9.6	3.1	
V.5	1	ø8	2	[Diagram]	150	300	1.2		
	2	ø8	2	[Diagram]	175	350	1.4		
	3	ø5	5	[Diagram]	88	440		0.7	
				Total+10%			2.9	0.8	
				ø5:			0.0	78.9	
				ø6.3:			0.6	0.0	
				ø8:			29.6	0.0	
				ø10:			246.2	0.0	
				ø12.5:			18.1	0.0	
				Total:			294.5	78.9	

COBERTURA
 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	Comp. total (m)	Peso+10% (kg)	Total
CA-50	ø6.3	2.5	1
	ø8	67.6	29
	ø10	363.0	246
	ø12.5	17.2	18
CA-60	ø5	455.8	79
Total			373

PROJETO ESTRUTURAL

CONTEUDO		DETALHAMENTO VIGAS COBERTURA	
LOCAL		RUA MAIONOLVO LEHKUHL - LEOBERTO LEAL - SC	
PROPRIETÁRIA		PREFEITURA MUNICIPAL DE LEOBERTO LEAL CNPJ: 82.924.390/0001-90	
DATA		19-01-2022	
DESENHO E PROJETO		CLAUDIO SILVA	
ESCALA		INDICADA	
RESP. TÉCNICO		PRANCHA	
Projeto		06-06	
OBRA		GINÁSIO	
CLAUDIO OSNI SANTOS SILVA Engenheiro Civil - CREA SC 151792-3			