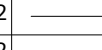
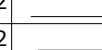
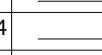


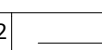
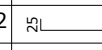

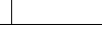
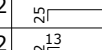
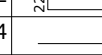
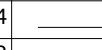
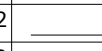
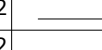
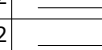


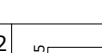
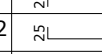
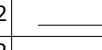
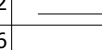
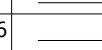
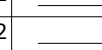
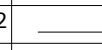
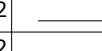
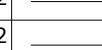
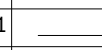
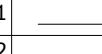
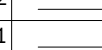
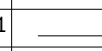
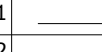
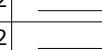
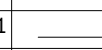


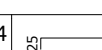
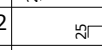
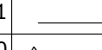
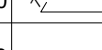









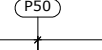


Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp.	Total	CA-50 (kg)	CA-60 (kg)
V 5	1	Ø10	2		565	1130	7.0	
	2	Ø10	2		570	1140	7.0	
	3	Ø10	4		530	2120	13.1	
	4	Ø10	4		520	2080	12.8	
	5	Ø10	2		695	1390	8.6	
	6	Ø10	2		700	1400	8.6	
	7	Ø10	2		225	450	2.8	
	8	Ø10	4		220	880	5.4	
	9	Ø5	140		72	10080		15.8
Total+10%:							71.8	17.4
V 6	1	Ø10	2		210	420	2.6	
	2	Ø10	2		260	520	3.2	
	3	Ø5	7		118	826		1.3
Total+10%:							6.4	1.4
V 7	1	Ø10	2		270	540	3.3	
	2	Ø10	2		275	550	3.4	
	3	Ø10	4		495	1980	12.2	
	4	Ø10	4		490	1960	12.1	
	5	Ø10	2		390	780	4.8	
	6	Ø10	2		400	800	4.9	
	7	Ø10	2		155	310	1.9	
	8	Ø10	2		205	410	2.5	
	9	Ø10	2		180	360	2.2	
	10	Ø5	99		72	7128		11.2
Total+10%:							52.0	12.3
V 8	1	Ø10	2		225	450	2.8	
	2	Ø10	2		220	440	2.7	
	3	Ø10	2		300	600	3.7	
	4	Ø10	2		290	580	3.6	
	5	Ø10	6		495	2970	18.3	
	6	Ø10	6		490	2940	18.1	
	7	Ø10	2		320	640	3.9	
	8	Ø10	2		310	620	3.8	
	9	Ø10	2		210	420	2.6	
	10	Ø10	2		200	400	2.5	
	11	Ø10	2		520	1040	6.4	
	12	Ø10	2		515	1030	6.3	
	13	Ø10	1		115	115	0.7	
	14	Ø12.5	1		190	190	1.8	
	15	Ø12.5	2		205	410	3.9	
	16	Ø12.5	1		175	175	1.7	
	17	Ø10	1		155	155	1.0	
	18	Ø12.5	1		200	200	1.9	
	19	Ø6.3	2		100	200	0.5	
	20	Ø6.3	2		110	220	0.5	
	21	Ø10	1		285	285	1.8	
	22	Ø5	100		118	11800		18.5
Total+10%:							97.4	20.4
V 8	1	Ø10	4		314	1256	7.7	
	2	Ø10	2		100	200	1.2	
	3	Ø10	1		200	200	1.2	
	4	Ø5	10		277	2770		4.3
	5	Ø5	9		148	1332		2.1
Total+10%:							11.1	7.0
Ø5:							0.0	58.5
Ø6.3:							1.1	0.0
Ø10:							227.3	0.0
Ø12.5:							10.3	0.0
Total:							238.7	58.5

V 5
Ver esperas no detalhamento de pilares ou vista de muro

Nível Piso Quadra (+0.13m)
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

Nível Palco / Arqbancada 1 (0.63m)
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

REVISÕES			PROJETO ESTRUTURAL EM CONCRETO ARMADO
REV	POR	DATA	DESCRIÇÃO
00	00	00	<p>E.M CASSIO VIEIRA MARQUES ENDEREÇO : BAIRRO GRAMA JUIZ DE FORA-MG</p> <hr/> <p> DETALHE DE VIGAS .</p>
			<div style="display: flex; justify-content: space-between;"> <div>AUTOR:</div> <div>SECRETÁRIA:</div> <div>AUTOR:</div> </div> <div style="display: flex; justify-content: space-between;"> <div>ARQ. VIVIANE CATTEEN MORENO <small>CADENTE ALBERTO</small></div> <div>ENG. CARLOS RENATO PRÚCOLI <small>CS&A ENR 177501</small></div> <div>ENG. CLAYTON MONTANARO <small>CS&A ENR 177501</small></div> </div>

DESenhO: CLAYTON MONTANARO
 ESCALA: INDICADA
 DATA: 22/10/2023
 CÓDIGO:
 FRANCA:

09/29
RVD- 21/10/2023

DE ACORDO COM A LEGISLAÇÃO VIGENTE, CABE AO AUTOR DO PROJETO QUALQUER ALTERAÇÃO, BEM COMO OS DIREITOS AUTORAIS SOBRE O MESMO. **TODAS AS MEDIDAS DEVERÃO SER CONFERIDAS NO LOCAL.**