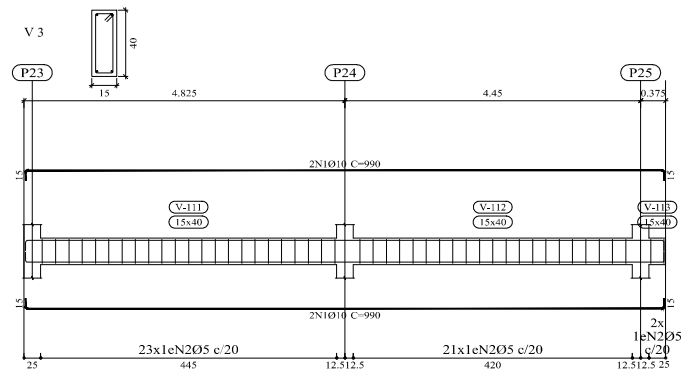
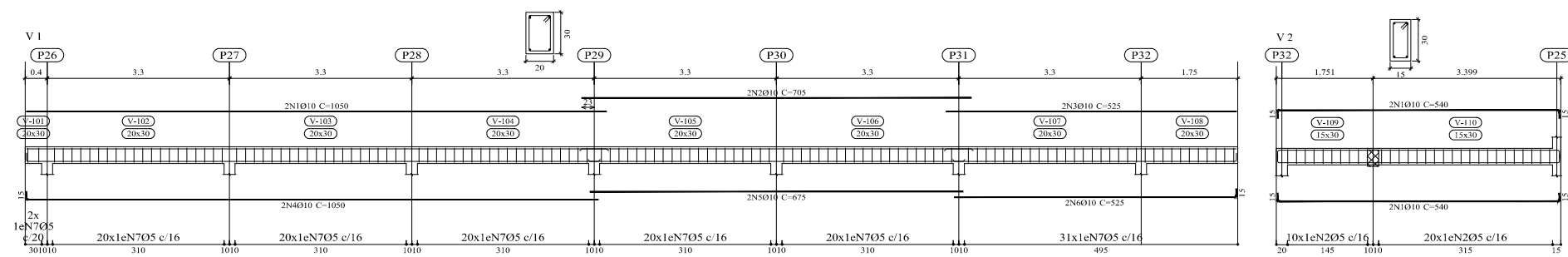
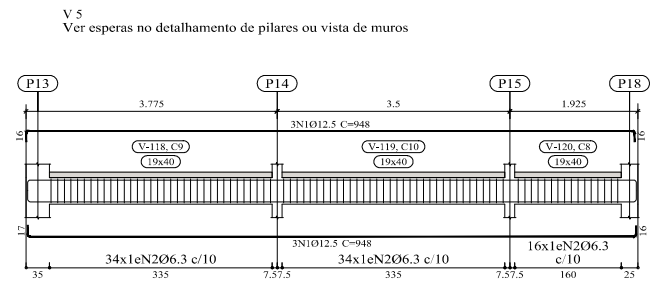
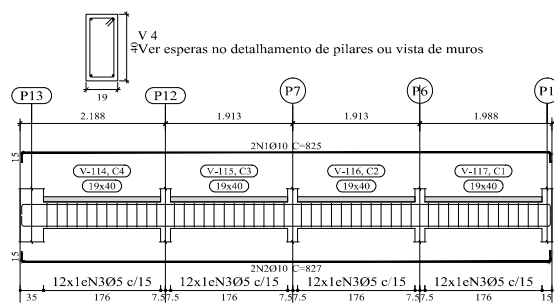


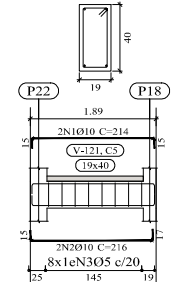


Resumo Aço	Comp. total	Peso+10%	
Desenho de vigas	(m)	(kg)	Total
CA-50 Ø6.3	94.1	25	
Ø10	202.9	138	
Ø12.5	56.9	60	223
CA-60 Ø5	272.0	47	47
Total			270

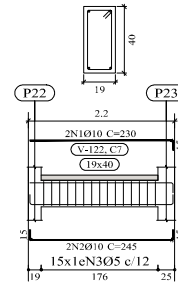
Piso do 1º Patamar da Rampa
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:20
Escala aberturas 1:20



V 6 Ver esperas no detalhamento de pilares ou vista de muros



V 7 Ver esperas no detalhamento de pilares ou vista de muros



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1	1	Ø10	2	1050	1050	2100	12.9	
	2	Ø10	2	705	705	1410	8.7	
	3	Ø10	2	525	525	1050	6.5	
	4	Ø10	2	1050	1050	2100	12.9	
	5	Ø10	2	675	675	1350	8.3	
	6	Ø10	2	525	525	1050	6.5	
	7	Ø5	133	92	92	12236		19.2
Total+10%:							61.4	21.1
V 2	1	Ø10	4	540	540	2160	13.3	
	2	Ø5	30	82	82	2460		3.9
Total+10%:							14.6	4.3
V 3	1	Ø10	4	990	990	3960	24.4	
	2	Ø5	46	102	102	4692		7.4
Total+10%:							26.8	8.1
V 4	1	Ø10	2	825	825	1650	10.2	
	2	Ø10	2	827	827	1654	10.2	
	3	Ø5	48	110	110	5280		8.3
Total+10%:							22.4	9.1
V 5	1	Ø12.5	6	948	948	5688	54.8	
	2	Ø6.3	84	112	112	9408		23.0
Total+10%:							85.6	
V 6	1	Ø10	2	214	214	428	2.6	
	2	Ø10	2	216	216	432	2.7	
	3	Ø5	8	110	110	880		1.4
Total+10%:							5.8	1.5
V 7	1	Ø10	2	230	230	460	2.8	
	2	Ø10	2	245	245	490	3.0	
	3	Ø5	15	110	110	1650		2.6
Total+10%:							6.4	2.9
							Ø5:	0.0
							Ø6.3:	25.3
							Ø10:	137.4
							Ø12.5:	60.3
							Total:	223.0
								47.0

Cícero Costa Cabral
Engenheiro Civil
CREA-RJ 851042326/D
Matricula nº 207.261-0

N.º	Descrição de Revisão	Autor	Data

Projeto: ACADEMIA E SAÚDE S.JOSÉ

Conteúdo Prancha: Vigamentos

Escalas: Indicadas

Data: 01/2021

Projeto: 1 / 6

Projeto: 1 / 6

