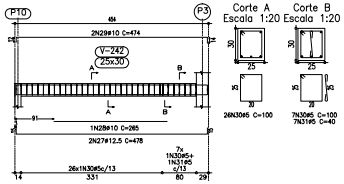
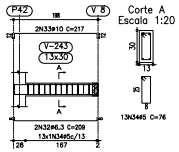
V 19
Escala 1:50



Corte A
Escala 1:20

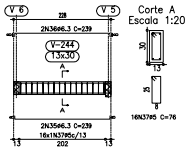
Corte B
Escala 1:20

V 20
Escala 1:50



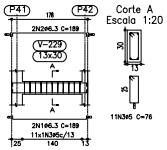
Corte A
Escala 1:20

V 21
Escala 1:50



Corte A
Escala 1:20

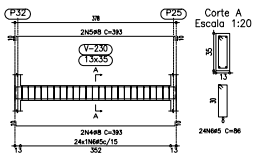
V 10
Escala 1:50



Corte A
Escala 1:20

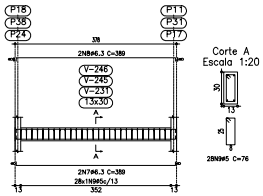
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50–A (kg)	CA-60–B (kg)
V 10	1	#6.3	2	8	173	8	189	378	0.9	
	2	#6.3	2	8	173	8	189	378	0.9	
	3	#5	11				76	836		1.3
							Total+10%:		2.0	1.4
V 11	4	#8	2	10	373	10	393	786	3.1	
	5	#8	2	10	373	10	393	786	3.1	
	6	#5	24				86	2064		3.2
							Total+10%:		6.8	3.5
V 12=V 22=V 23	7	#6.3	2	8	373	8	389	778	1.9	
	8	#6.3	2	8	373	8	389	778	1.9	
	9	#5	28				76	2128		3.3
							Total+10%:		4.2	3.6
							(x3):		12.6	10.8
V 13	10	#6.3	2	8	223	8	239	478	1.2	
	11	#6.3	2	11	223	9	243	486	1.2	
	12	#5	17				76	1292		2.0
							Total+10%:		2.6	2.2
V 14	13	#10	2	12	613	12	637	1274	8.0	
	14	#6.3	2	8	613	8	629	1258	3.1	
	15	#12.5	1		225		225	225	2.2	
	16	#5	45				76	3420		5.4
							Total+10%:		14.6	5.9
V 15	17	#6.3	2	8	193	10	211	422	1.0	
	18	#10	2	12	193	12	217	434	2.7	
	19	#5	13				76	988		1.6
							Total+10%:		4.1	1.8
V 16=V 18	20	#6.3	2	8	558	8	574	1148	2.8	
	21	#6.3	2	8	558	8	574	1148	2.8	
	22	#5	37				76	2812		4.4
							Total+10%:		6.2	4.8
							(x2):		12.4	9.6
V 17	23	#10	2	12	613	12	637	1274	8.0	
	24	#6.3	2	8	613	8	629	1258	3.1	
	25	#12.5	1		175		175	175	1.7	
	26	#5	45				76	3420		5.4
							Total+10%:		14.1	5.9
V 19	27	#12.5	2	15	448	15	478	956	9.4	
	28	#10	1		265		265	265	1.7	
	29	#10	2	12	448	14	474	948	6.0	
	30	#5	33				100	3300		5.2
	31	#5	7				40	280		0.4
							Total+10%:		18.8	6.2
V 20	32	#6.3	2	8	193	8	209	418	1.0	
	33	#10	2	12	193	12	217	434	2.7	
	34	#5	13				76	988		1.6
							Total+10%:		4.1	1.8
V 21	35	#6.3	2	8	223	8	239	478	1.2	
	36	#6.3	2	8	223	8	239	478	1.2	
	37	#5	16				76	1216		1.9
							Total+10%:		2.6	2.1
								#5:	0.0	51.2
								#6.3:	41.2	0.0
								#8:	6.8	0.0
								#10:	32.1	0.0
								#12.5:	14.6	0.0
								Total:	94.7	51.2

V 11
Escala 1:50



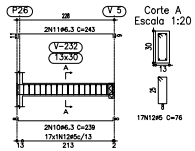
Corte A
Escala 1:20

V 12
V 22
V 23
Escala 1:50



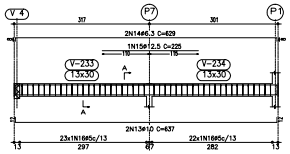
Corte A
Escala 1:20

V 13
Escala 1:50

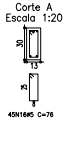


Corte A
Escala 1:20

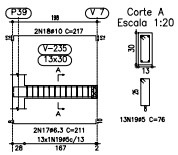
V 14
Escala 1:50



Corte A
Escala 1:20

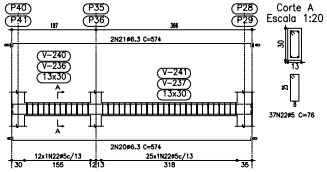


V 15
Escala 1:50



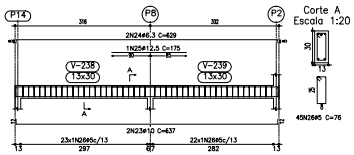
Corte A
Escala 1:20

V 16
V 18
Escala 1:50



Corte A
Escala 1:20

V 17
Escala 1:50



Corte A
Escala 1:20

NIVELAMENTO DE COBERTURA
DESENHO DE VIGAS
Escala vigas: 1:50
Escala seções: 1:20

AUTOR:

PROJETO: Projeto de Estrutura de Concreto Armado

CONTEÚDO:

PREFEITURA: PREFEITURA MUNICIPAL DE NOVA CRUZ

LOCAL: CIDADE DO SOL

			ESCALA:	
			FOLHA:	12
			DATA:	17
RESPONSÁVEL TÉCNICO:	CREA:	DESENHO:		
				04/2022

DISCIPLINA: