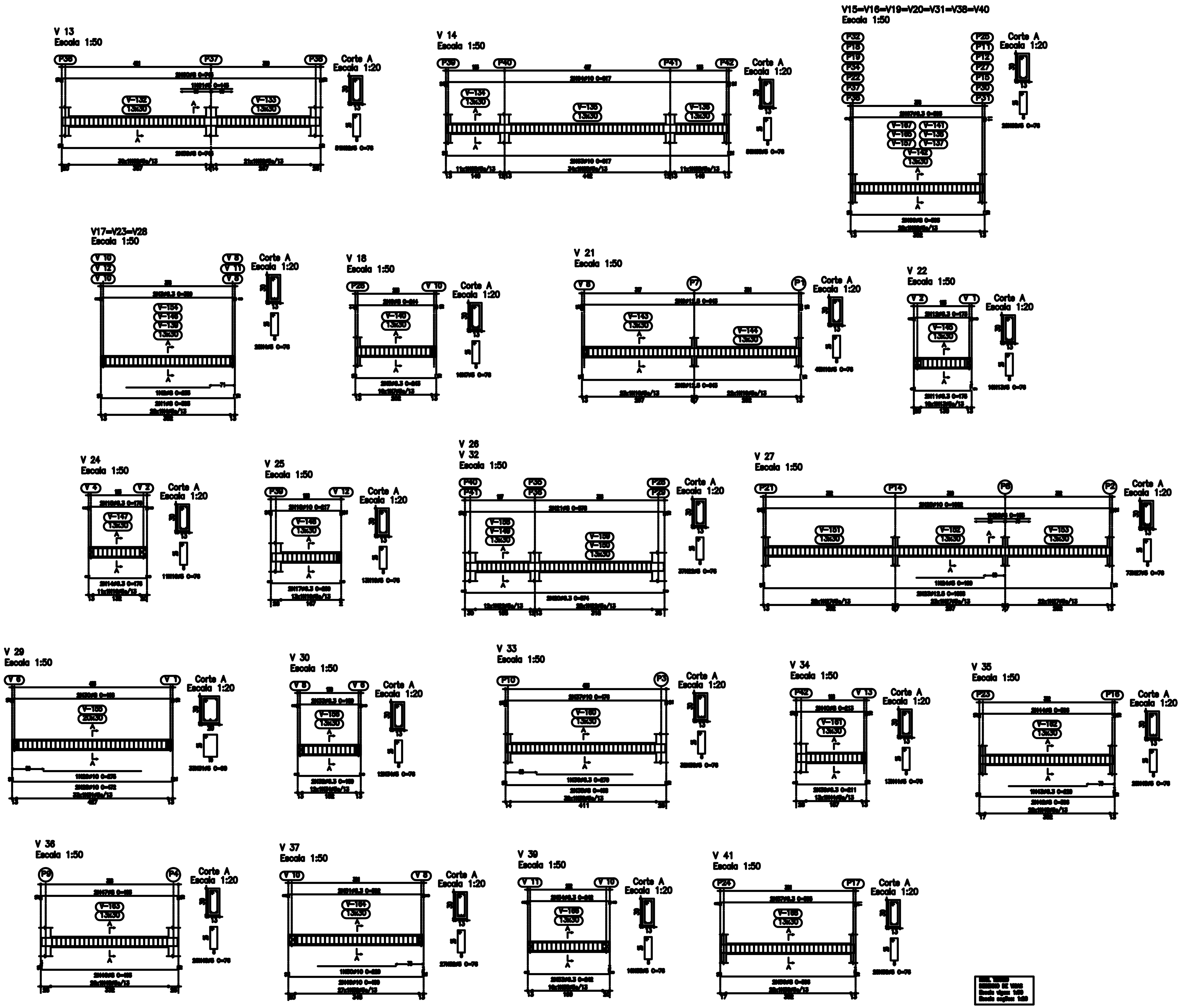

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 17=V 23=V 28	1	ø8	2	10	373	10	393	786	3.1	
	2	ø8	1		235		235	235	0.9	
	3	ø6.3	2	8	373	8	389	778	1.9	
	4	ø5	28				76	2128		3.3
								Total+10%	6.5	3.6
								(x3)	19.5	10.8
V 18	5	ø6.3	2	10	225	10	245	490	1.2	
	6	ø8	2	11	223	10	244	488	1.9	
	7	ø5	16				76	1216		1.9
								Total+10%	3.4	2.1
V 21	8	ø12.5	2	15	613	15	643	1286	12.6	
	9	ø12.5	2	15	613	15	643	1286	12.6	
	10	ø5	45				76	3420		5.4
								Total+10%	27.7	5.9
V 22	11	ø6.3	2	9	157	9	175	350	0.9	
	12	ø6.3	2	8	157	8	173	346	0.9	
	13	ø5	10				76	760		1.2
								Total+10%	2.0	1.3
V 24	14	ø6.3	2	8	160	8	176	352	0.9	
	15	ø6.3	2	8	160	8	176	352	0.9	
	16	ø5	11				76	836		1.3
								Total+10%	2.0	1.4
V 25	17	ø6.3	2	8	183	8	200	400	1.0	
	18	ø10	2	12	193	12	217	434	2.7	
	19	ø5	13				76	988		1.6
								Total+10%	4.1	1.8
V 26=V 32	20	ø6.3	2	8	558	8	574	1148	2.8	
	21	ø8	2	10	558	10	578	1156	4.5	
	22	ø5	37				76	2812		4.4
								Total+10%	8.0	4.8
								(x2)	16.0	9.6
V 27	23	ø12.5	2	15	978	15	1008	2016	19.5	
	24	ø5	1		180		180	180		0.3
	25	ø10	2	12	978	12	1002	2004	12.6	
	26	ø8	1		155		155	155	0.6	
	27	ø5	73				76	5548		8.7
								Total+10%	35.3	9.9
V 29	28	ø10	2	12	448	12	472	944	5.9	
	29	ø10	1		275		275	275	1.7	
	30	ø8	2	10	448	10	468	936	3.7	
	31	ø5	33				90	2970		4.7
								Total+10%	12.4	5.2
V 30	32	ø6.3	2	8	173	8	189	378	0.9	
	33	ø6.3	2	8	173	8	189	378	0.9	
	34	ø5	12				76	912		1.4
								Total+10%	2.0	1.5
V 33	35	ø8	2	10	448	10	468	936	3.7	
	36	ø6.3	1		270		270	270	0.7	
	37	ø10	2	16	448	12	476	952	6.0	
	38	ø5	32				76	2432		3.8
								Total+10%	11.4	4.2
V 34	39	ø6.3	2	8	193	10	211	422	1.0	
	40	ø8	2	10	193	10	213	426	1.7	
	41	ø5	13				76	988		1.6
								Total+10%	3.0	1.8
V 35	42	ø8	2	10	376	10	396	792	3.1	
	43	ø6.3	1		220		220	220	0.5	
	44	ø8	2	10	376	10	396	792	3.1	
	45	ø5	28				76	2128		3.3
								Total+10%	7.4	3.6
V 36	46	ø8	2	10	385	10	405	810	3.2	
	47	ø8	2	10	385	10	405	810	3.2	
	48	ø5	26				76	1976		3.1
								Total+10%	7.0	3.4
V 37	49	ø10	2	12	376	12	400	800	5.0	
	50	ø10	1		220		220	220	1.4	
	51	ø6.3	2	8	376	8	392	784	1.9	
	52	ø5	27				76	2052		3.2
								Total+10%	9.1	3.5
V 39	53	ø6.3	2	8	226	8	242	484	1.2	
	54	ø6.3	2	8	226	8	242	484	1.2	
	55	ø5	16				76	1216		1.9
								Total+10%	2.6	2.1
V 41	56	ø8	2	10	376	10	396	792	3.1	
	57	ø6.3	2	8	376	11	395	790	2.0	
	58	ø5	28				76	2128		3.3
								Total+10%	5.5	3.6
V 13	59	ø8	2	10	725	10	745	1490	5.9	
	60	ø8	2	10	725	10	745	1490	5.9	
	61	ø5	1		145		145	145		0.2
	62	ø5	51				76	3876		6.1
								Total+10%	12.9	6.9
V 14	63	ø10	2	12	793	12	817	1634	10.3	
	64	ø10	2	12	793	12	817	1634	10.3	
	65	ø5	56				76	4256		6.7
								Total+10%	22.7	7.4
V 15=V 16=V 19 V 20=V 31=V 38 V 40	66	ø8	2	10	373	10	393	786	3.1	
	67	ø6.3	2	9	373	11	393	786	1.9	
	68	ø5	28				76	2128		3.3
								Total+10%	5.5	3.6
								(x7)	38.5	25.2
								ø5:	0.0	111.2
								ø6.3:	44.8	0.0
								ø8:	69.7	0.0
								ø10:	61.5	0.0
								ø12.5:	49.5	0.0
								Total:	245.5	111.2

AUTOR:

PROJETO: Projeto de Estrutura de Concreto Armado

CONTEÚDO:

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE NOVA CRUZ

LOCAL: CEDRON

revisões nº	descrição	data	visto	formato	folha
				A2++	07/17
				escala INDICADA	

RESPONSÁVEL TÉCNICO-PROJETO: | CREA: | DESENHO: | DATA: JAN/2022

ARQUIVO: