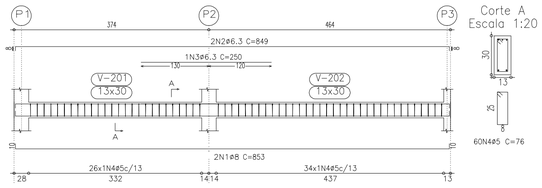
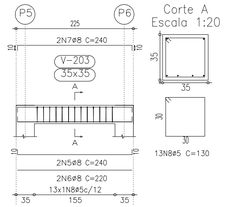
V 1
Escala 1:50



Corte A
Escala 1:20

60N4ø5 C=76

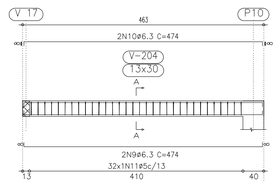
V 2
Escala 1:50



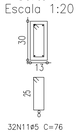
Corte A
Escala 1:20

13N8ø5 C=130

V 3
Escala 1:50

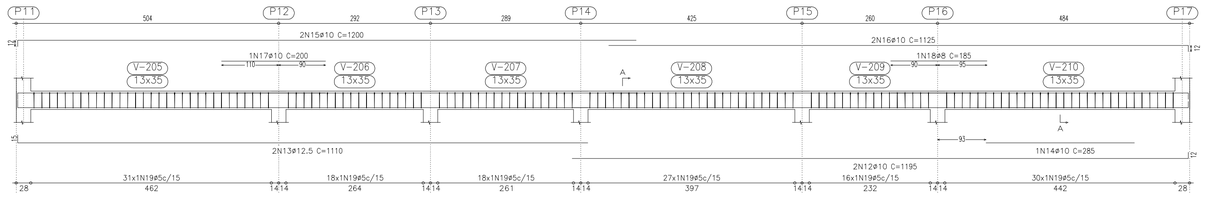


Corte A
Escala 1:20

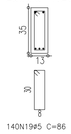


32N11ø5 C=76

V 4
Escala 1:50

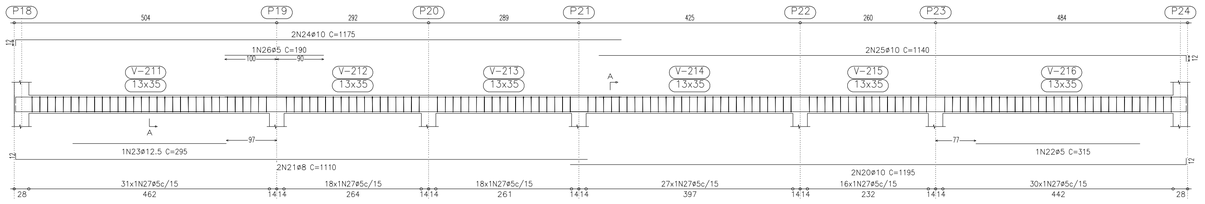


Corte A
Escala 1:20

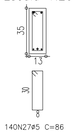


140N19ø5 C=86

V 5
Escala 1:50

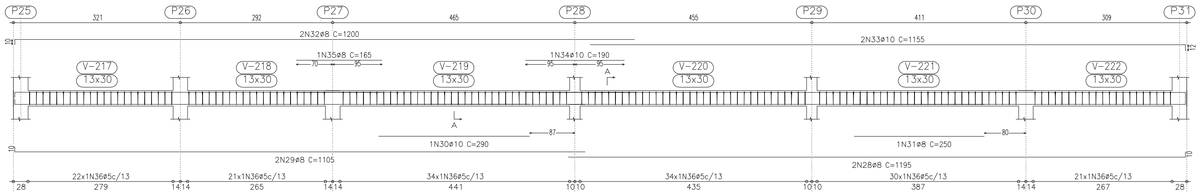


Corte A
Escala 1:20

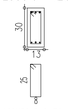


140N27ø5 C=86

V 6
Escala 1:50

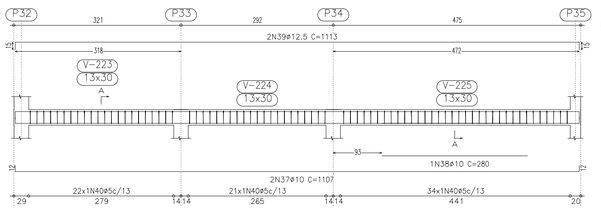


Corte A
Escala 1:20

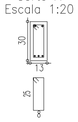


162N36ø5 C=76

V 7
Escala 1:50

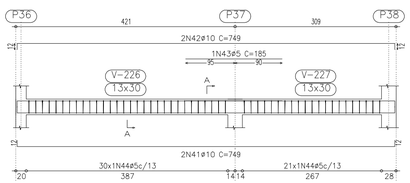


Corte A
Escala 1:20

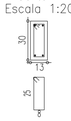


77N40ø5 C=76

V 8
Escala 1:50

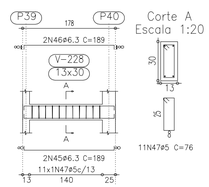


Corte A
Escala 1:20



51N44ø5 C=76

V 9
Escala 1:50



Corte A
Escala 1:20

11N47ø5 C=76

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 1	1	ø8	2	10	833	10	853	1706	6.7	
	2	ø6.3	2	8	833	8	849	1698	4.2	
	3	ø6.3	1		250		250	250	0.6	
	4	ø5	60				76	4560		7.2
								Total+10%:	12.7	7.9
V 2	5	ø8	2	10	220	10	240	480	1.9	
	6	ø8	2		220		220	440	1.7	
	7	ø8	2	10	220	10	240	480	1.9	
	8	ø5	13				130	1690		2.7
								Total+10%:	6.1	3.0
V 3	9	ø6.3	2	8	458	8	474	948	2.3	
	10	ø6.3	2	8	458	8	474	948	2.3	
	11	ø5	32				76	2432		3.8
								Total+10%:	5.1	4.2
V 4	12	ø10	2		1183	12	1195	2390	15.0	
	13	ø12.5	2	15	1095		1110	2220	21.8	
	14	ø10	1		285		285	285	1.8	
	15	ø10	2	12	1188		1200	2400	15.1	
	16	ø10	2		1113	12	1125	2250	14.1	
	17	ø10	1		200		200	200	1.3	
	18	ø8	1		185		185	185	0.7	
	19	ø5	140				86	12040		18.9
								Total+10%:	76.8	20.8
V 5	20	ø10	2		1183	12	1195	2390	15.0	
	21	ø8	2	12	1098		1110	2220	8.7	
	22	ø5	1		315		315	315		0.5
	23	ø12.5	1		295		295	295	2.9	
	24	ø10	2	12	1163		1175	2350	14.8	
	25	ø10	2		1128	12	1140	2280	14.3	
	26	ø5	1		190		190	190		0.3
	27	ø5	140				86	12040		18.9
								Total+10%:	61.3	21.7
V 6	28	ø8	2		1185	10	1195	2390	9.4	
	29	ø8	2	10	1095		1105	2210	8.7	
	30	ø10	1		290		290	290	1.8	
	31	ø8	1		250		250	250	1.0	
	32	ø8	2	10	1190		1200	2400	9.4	
	33	ø10	2		1143	12	1155	2310	14.5	
	34	ø10	1		190		190	190	1.2	
	35	ø8	1		165		165	165	0.6	
	36	ø5	162				76	12312		19.3
								Total+10%:	51.3	21.2
V 7	37	ø10	2	12	1083	12	1107	2214	13.9	
	38	ø10	1		280		280	280	1.8	
	39	ø12.5	2	15	1083	15	1113	2226	21.8	
	40	ø5	77				76	5852		9.2
								Total+10%:	41.3	10.1
V 8	41	ø10	2	12	725	12	749	1498	9.4	
	42	ø10	2	12	725	12	749	1498	9.4	
	43	ø5	1		185		185	185		0.3
	44	ø5	51				76	3876		6.1
								Total+10%:	20.7	7.0
V 9	45	ø6.3	2	8	173	8	189	378	0.9	
	46	ø6.3	2	8	173	8	189	378	0.9	
	47	ø5	11				76	836		1.3
								Total+10%:	2.0	1.4
								ø5:	0.0	97.3
								ø6.3:	12.4	0.0
								ø8:	55.9	0.0
								ø10:	157.8	0.0
								ø12.5:	51.2	0.0
								Total:	277.3	97.3

AUTOR: _____

NÍVEL LAJE DE COBERTURA
DESENHO DE VIGAS
Escala vigas: 1:50
Escala seções: 1:20

PROJETO: Projeto de Estrutura de Concreto Armado

CONTEÚDO:

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE NOVA CRUZ

LOCAL: CEDRON

revisões	nº	descrição	data	visto

formato	folha
A2+1	11
escala	17
INDICADA	

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

ARQUIVO: