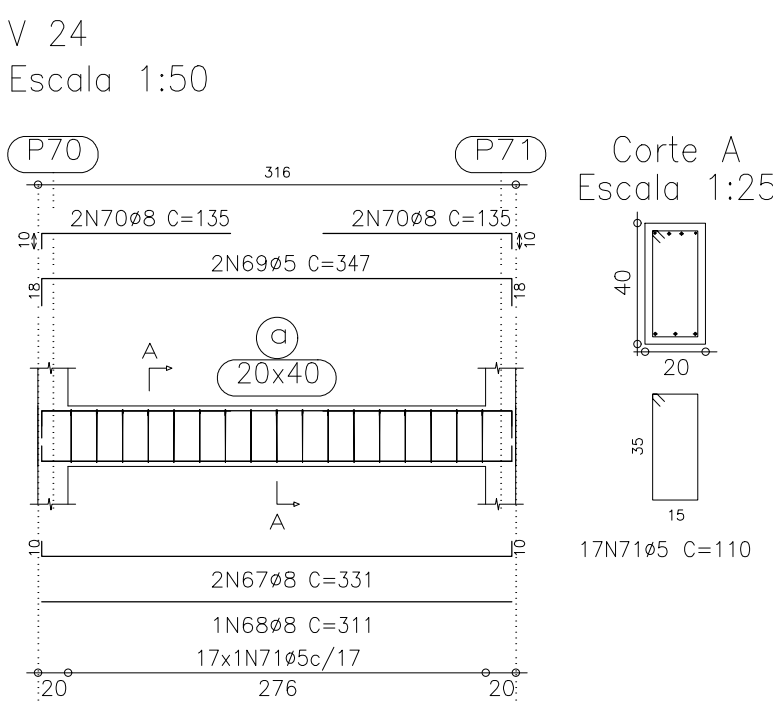
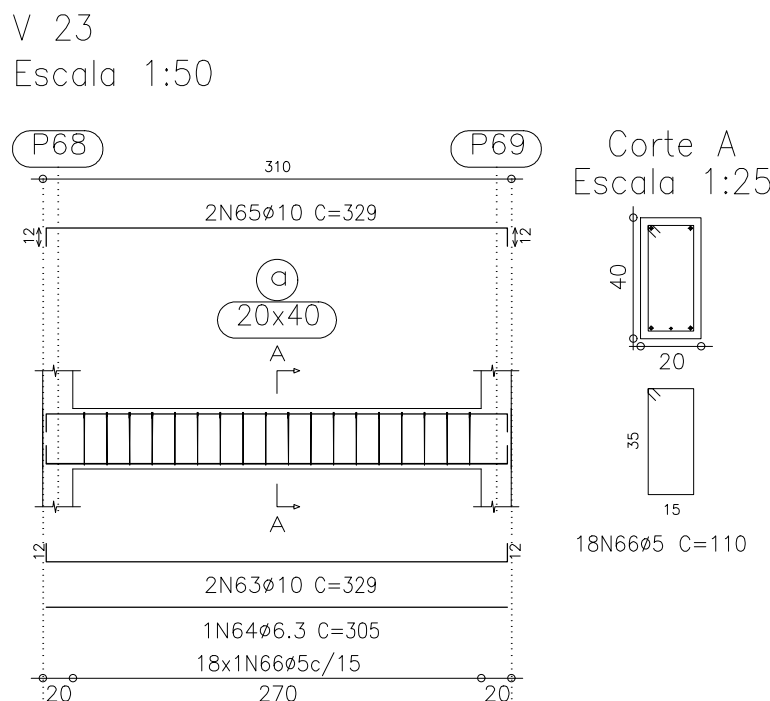
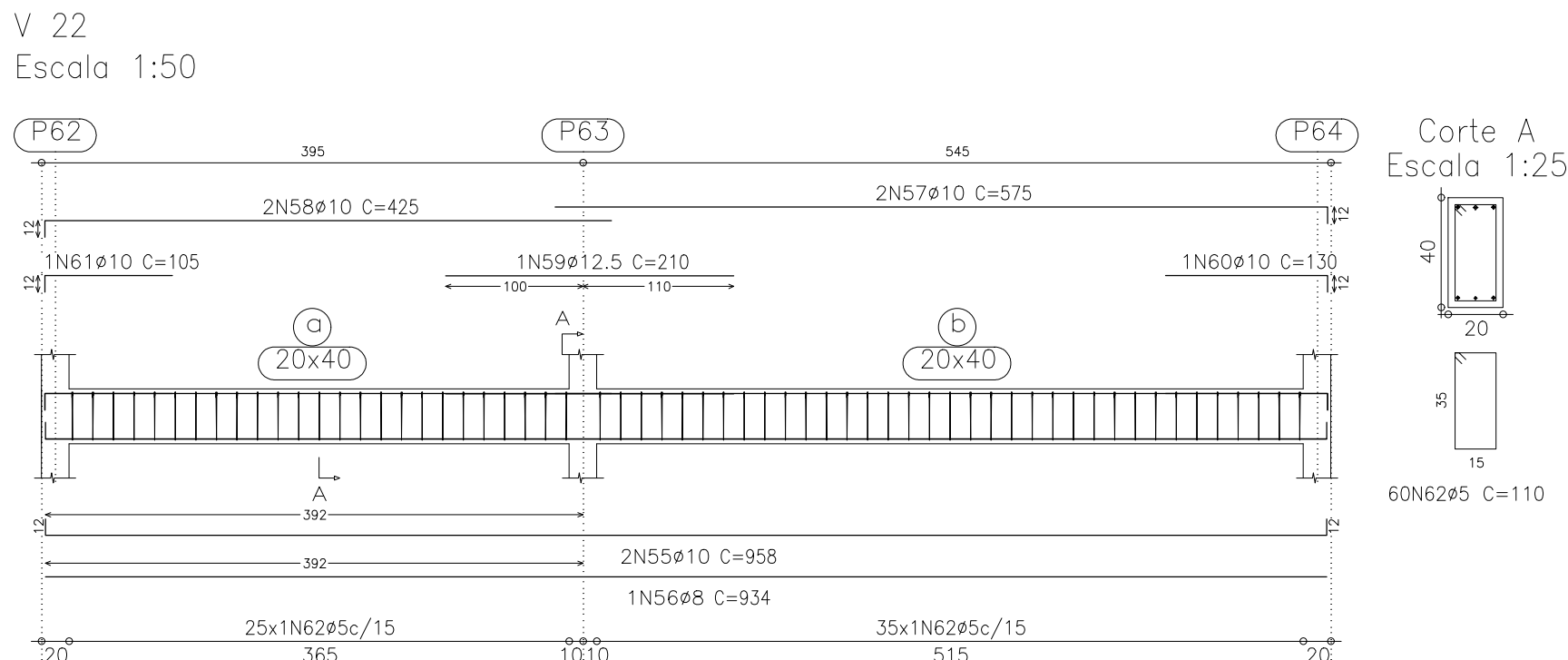
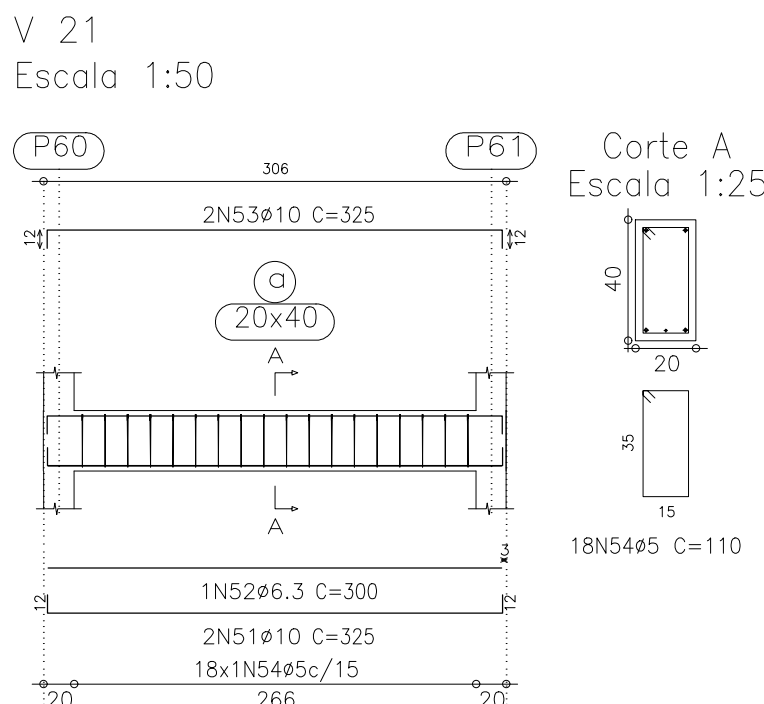
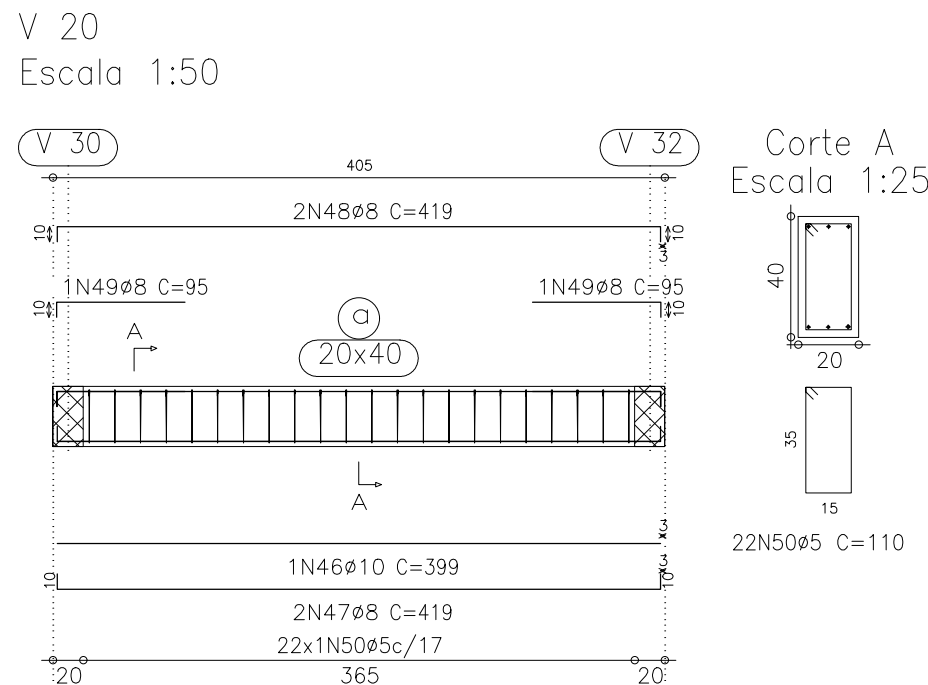
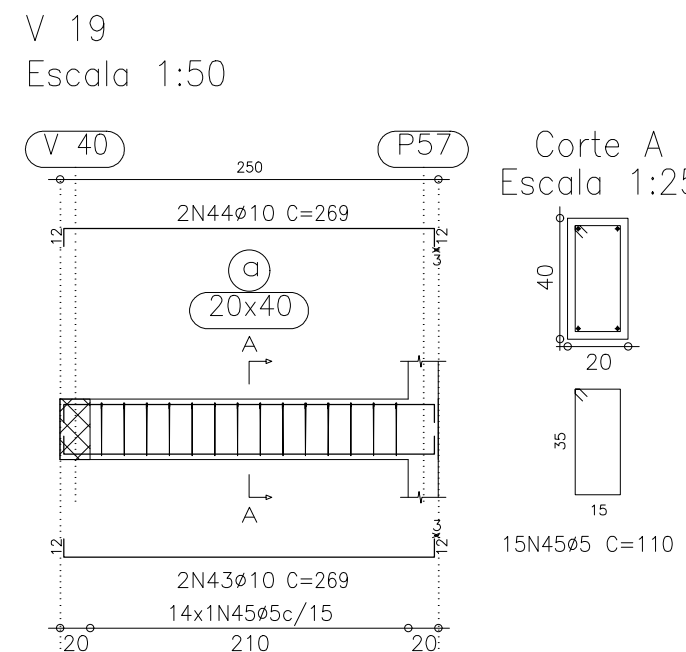
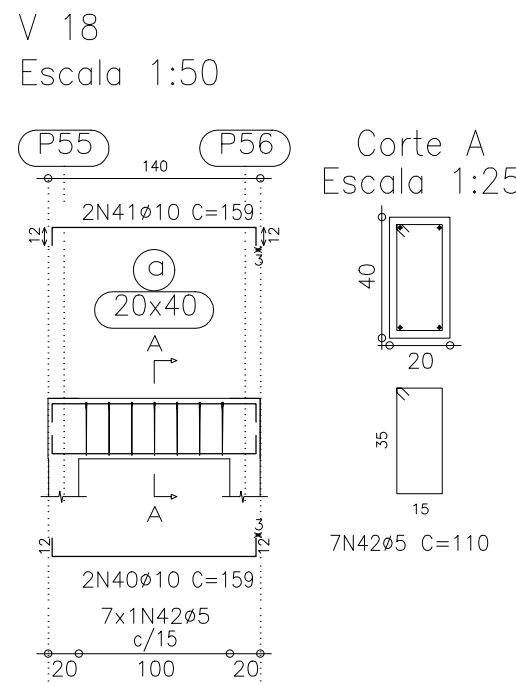
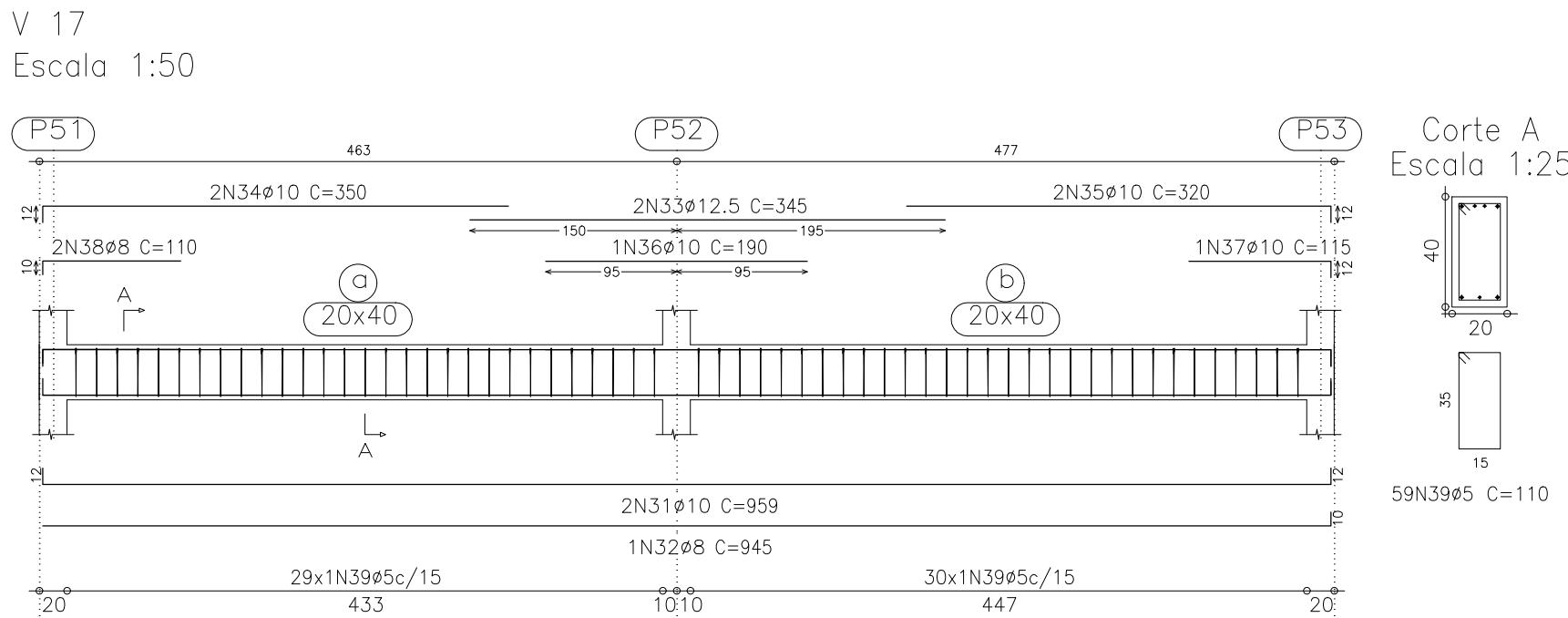
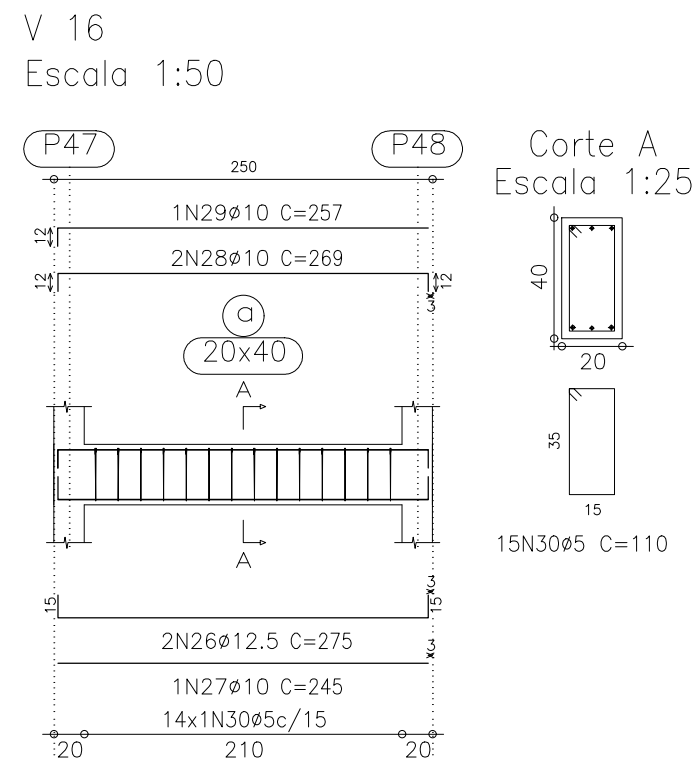
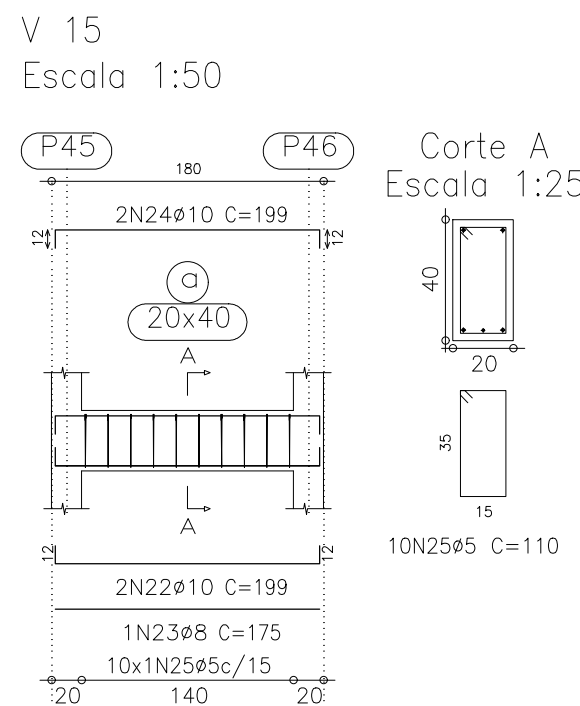
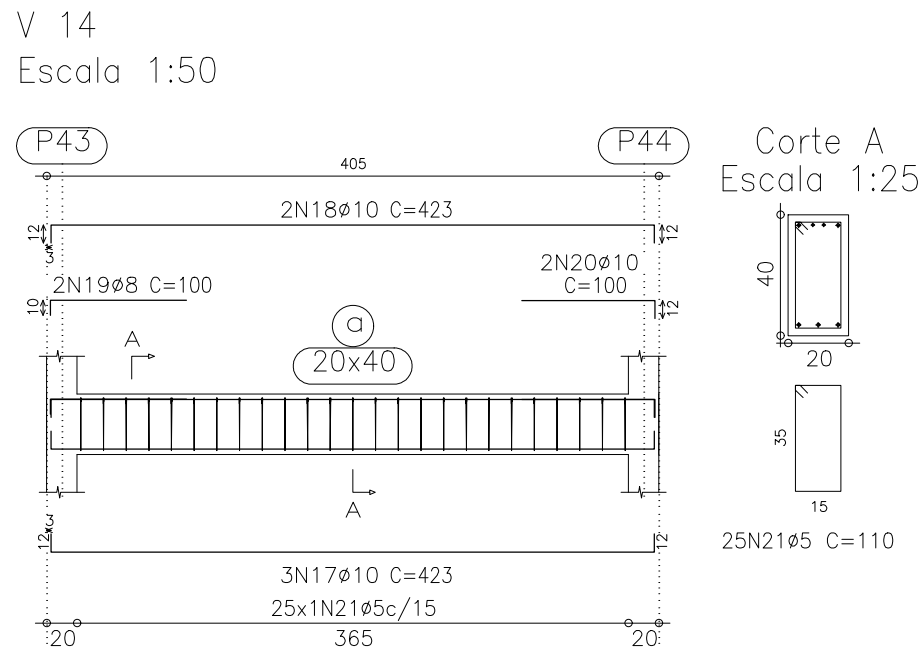
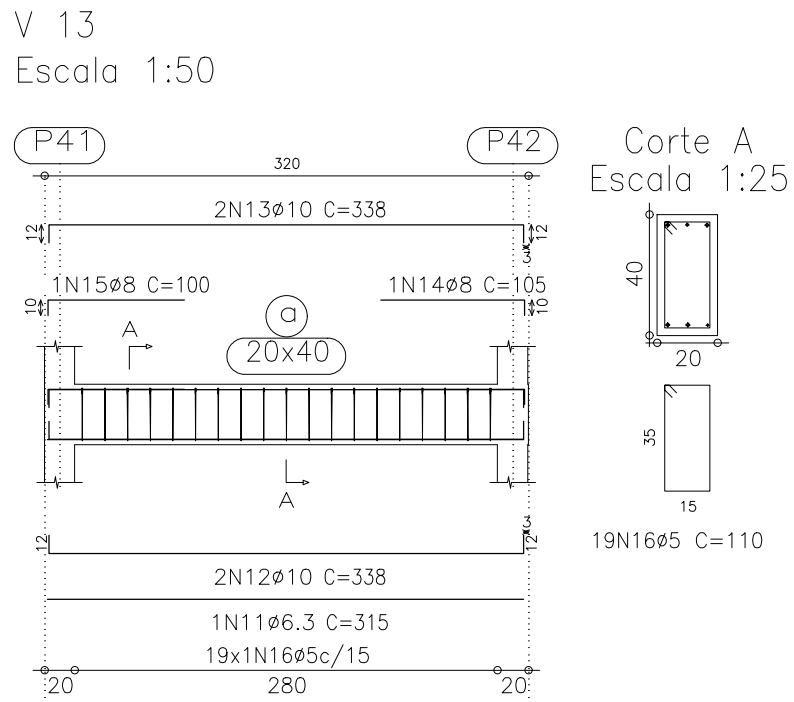
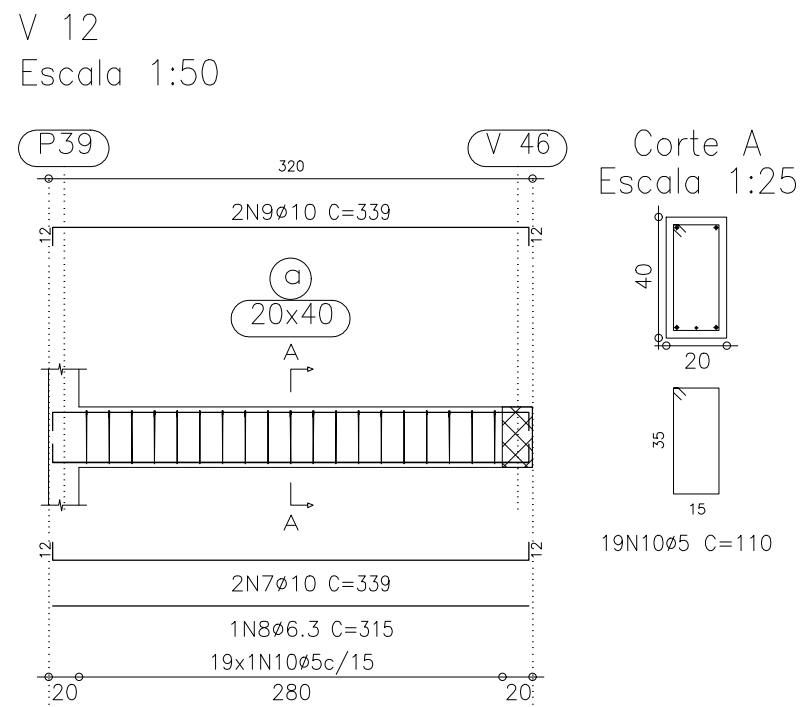
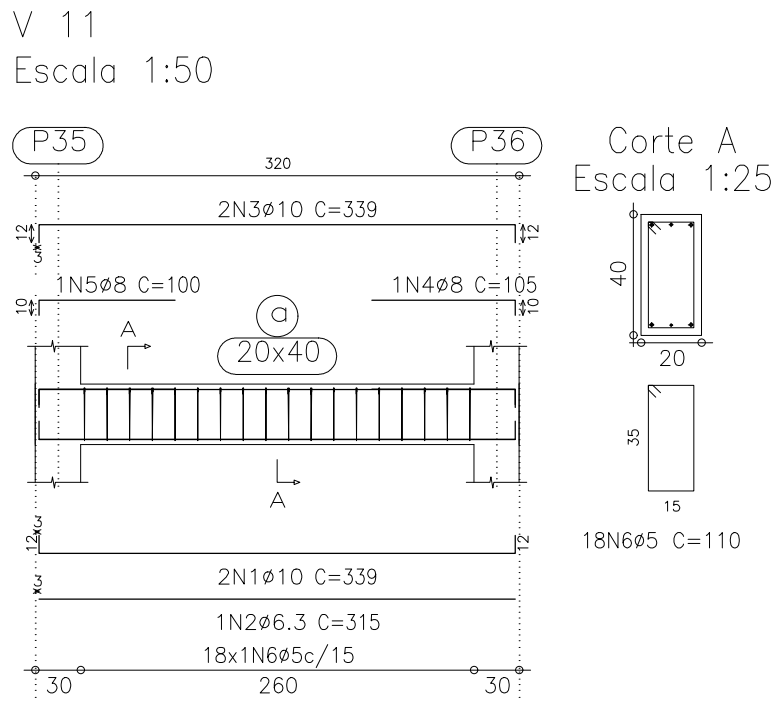


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NOTAS:

- VER LOCAÇÃO DA OBRA JUNTO COM A FISCALIZAÇÃO
- HAVENDO DIVERGÊNCIA ENTRE AS COTAS E MEDIDAS DE ARQUITETURA, PREVALECE A ARQUITETURA
- ATENÇÃO PARA O ESQUADRO DA OBRA
- CASO SURJA ALGUMA INTERFERÊNCIA NÃO PREVISTA, CONSULTAR O CALCULISTA
- CONFERIR E AJUSTAR TODAS AS MEDIDAS NO LOCAL
- NÃO TOMAR MEDIDAS EM ESCALA
- MEDIDAS EM CENTÍMETROS

PLANTA CHAVE

Elemento	Pos.	Diam.	Q.	Dob.	Ret.	Dob.	Comp.	Tota	CA-50	CA-60	E
				(cm)	(cm)	(cm)	(cm)	(kg)	(kg)		(kg)
V 11	1	ø10	2	12	315	12	339	678	4.3		
	2	ø6.3	1		315		315	315	0.8		
	3	ø10	2	12	315	12	339	678	4.3		
	4	ø8	1		95	10	105	105	0.4		
	5	ø8	1	10	90		100	100	0.4		
	6	ø5	18				110	1980		3.1	
Total+10%									11.2	3.4	
V 12	7	ø10	2	12	315	12	339	678	4.3		
	8	ø6.3	1		315		315	315	0.8		
	9	ø10	2	12	315	12	339	678	4.3		
	10	ø5	19				110	2090		3.3	
Total+10%									10.3	3.6	
V 13	11	ø6.3	1		315		315	315	0.8		
	12	ø10	2	12	314	12	338	676	4.2		
	13	ø10	2	12	314	12	338	676	4.2		
	14	ø8	1		95	10	105	105	0.4		
	15	ø8	1	10	90		100	100	0.4		
	16	ø5	19				110	2090		3.3	
Total+10%									11.0	3.6	
V 14	17	ø10	3	12	399	12	423	1269	8.0		
	18	ø10	2	12	399	12	423	846	5.3		
	19	ø8	2	10	90		100	200	0.8		
	20	ø10	2		88	12	100	200	1.3		
	21	ø5	25				110	2750		4.3	
	Total+10%									16.9	4.7
V 15	22	ø10	2	12	175	12	199	398	2.5		
	23	ø8	1		175		175	175	0.7		
	24	ø10	2	12	175	12	199	398	2.5		
	25	ø5	10				110	1100		1.7	
	Total+10%									6.3	1.9
V 16	26	ø12.5	2	15	245	15	275	550	5.4		
	27	ø10	1		245		245	245	1.5		
	28	ø10	2	12	245	12	269	538	3.4		
	29	ø10	1	12	245		257	257	1.6		
	30	ø5	14				110	1540		2.4	
	Total+10%									13.1	2.6
V 17	31	ø10	2	12	935	12	959	1918	12.0		
	32	ø8	1		935	10	945	945	3.7		
	33	ø12.5	2		345		345	690	6.8		
	34	ø10	2	12	338		350	700	4.4		
	35	ø10	2		308	12	320	640	4.0		
	36	ø10	1		190		190	190	1.2		
	37	ø10	1		103	12	115	115	0.7		
	38	ø8	2	10	100		110	220	0.9		
	39	ø5	59				110	6490		10.2	
	Total+10%									37.1	11.2
V 18	40	ø10	2	12	135	12	159	318	2.0		
	41	ø10	2	12	135	12	159	318	2.0		
	42	ø5	7				110	770		1.2	
Total+10%									4.4	1.3	
V 19	43	ø10	2	12	245	12	269	538	3.4		
	44	ø10	1	12	245	12	269	538	3.4		
	45	ø5	14				110	1540		2.4	
Total+10%									7.5	2.6	
V 20	46	ø10	1		399		399	399	2.5		
	47	ø8	2	10	399	10	419	838	3.3		
	48	ø10	2	10	399	10	419	838	3.3		
	49	ø8	2	10	85		95	190	0.7		
	50	ø5	22				110	2420		3.8	
	Total+10%									10.8	4.2
V 21	51	ø10	2	12	301	12	325	650	4.1		
	52	ø8	1		300		300	300	1.0		
	53	ø10	2	12	301	12	325	650	4.1		
	54	ø5	18				110	1980		3.1	
Total+10%									9.8	3.4	
V 22	55	ø10	2	12	934	12	958	1916	12.0		
	56	ø8	1		934		934	934	3.7		
	57	ø10	2		563	12	575	1150	7.2		
	58	ø10	2	12	413		425	850	5.3		
	59	ø12.5	1		210		210	210	2.1		
	60	ø10	1		118	12	130	130	0.8		
	61	ø10	1	12	93		105	105	0.7		
62	ø5	60				110	6600		10.4		
Total+10%									35.0	11.4	
V 23	63	ø10	2	12	305	12	329	658	4.1		
	64	ø6.3	1		305		305	305	0.8		
	65	ø10	2	12	305	12	329	658	4.1		
	66	ø5	18				110	1980		3.1	
Total+10%									9.9	3.4	
V 24	67	ø8	2	10	311	10	331	662	2.6		
	68	ø8	1	11	311		311	311	1.2		
	69	ø5	2	18	311	18	347	694		1.1	
	70	ø8	4	10	125		135	540	2.1		
	71	ø5	17				110	1870		2.9	
	Total+10%									6.5	4.4
ø5:									0.0	61.7	
ø6.3:									4.2	0.0	
ø8:									27.1	0.0	
ø10:									142.8	0.0	
ø12.5:									15.7	0.0	
Total:									189.8	61.7	