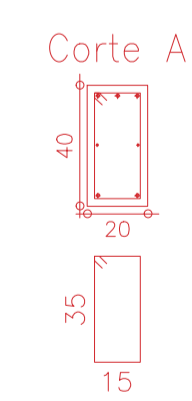
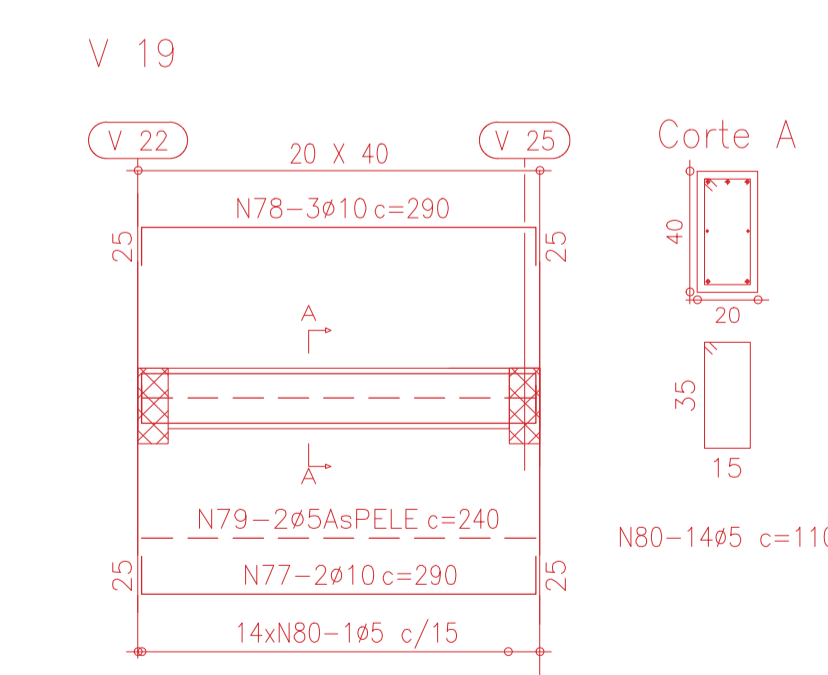
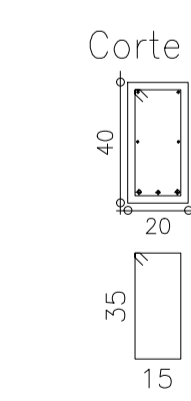
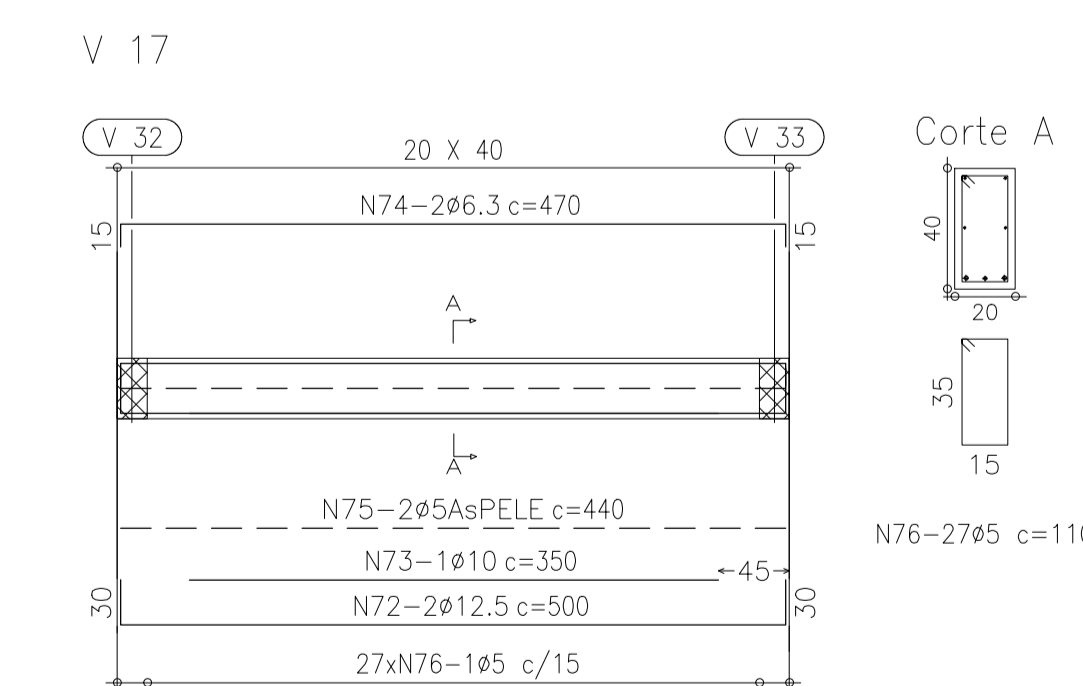
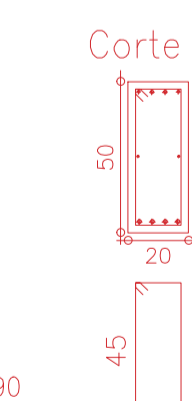
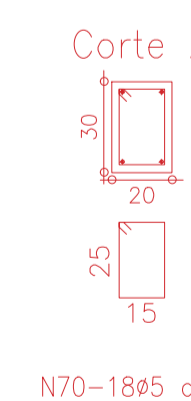
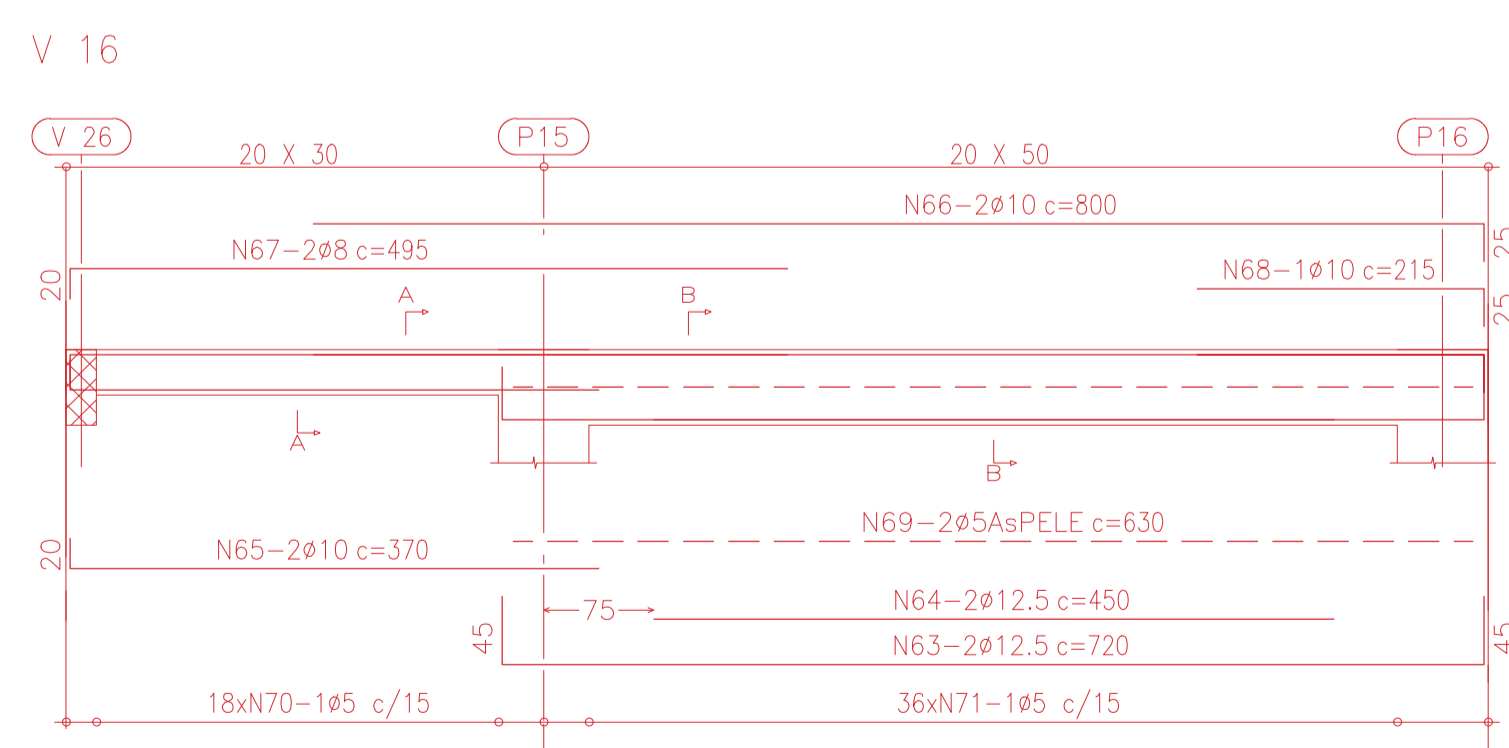
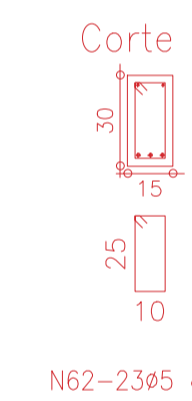
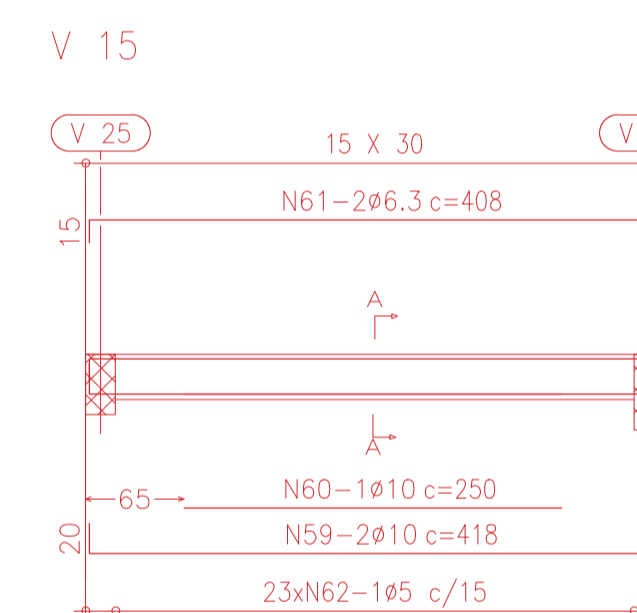
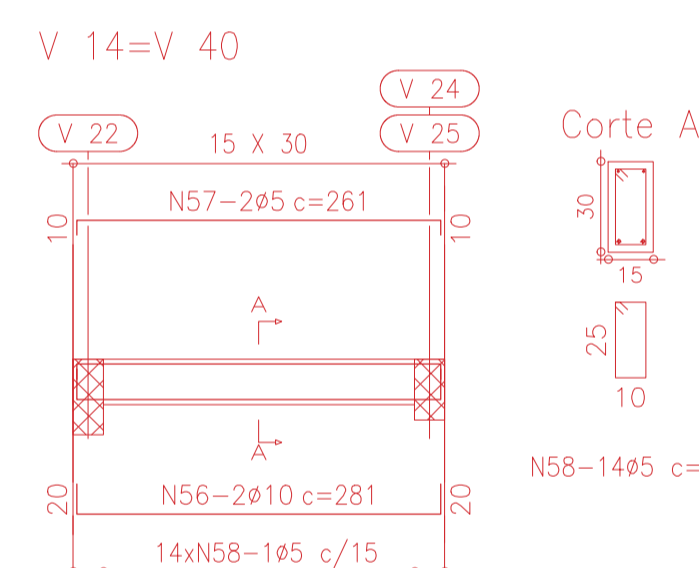
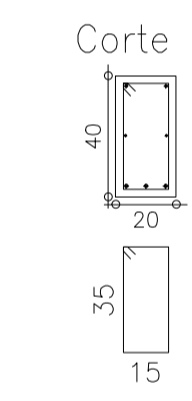
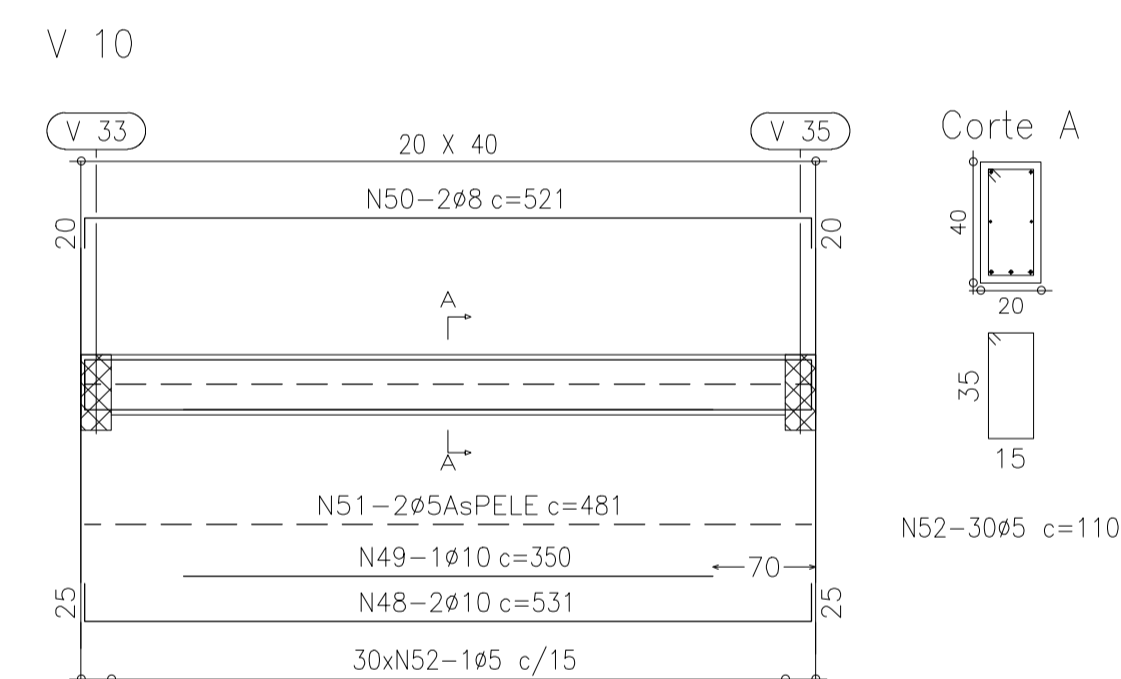
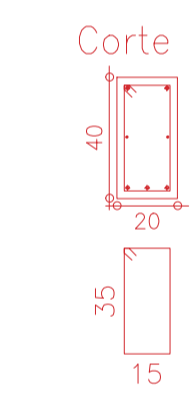
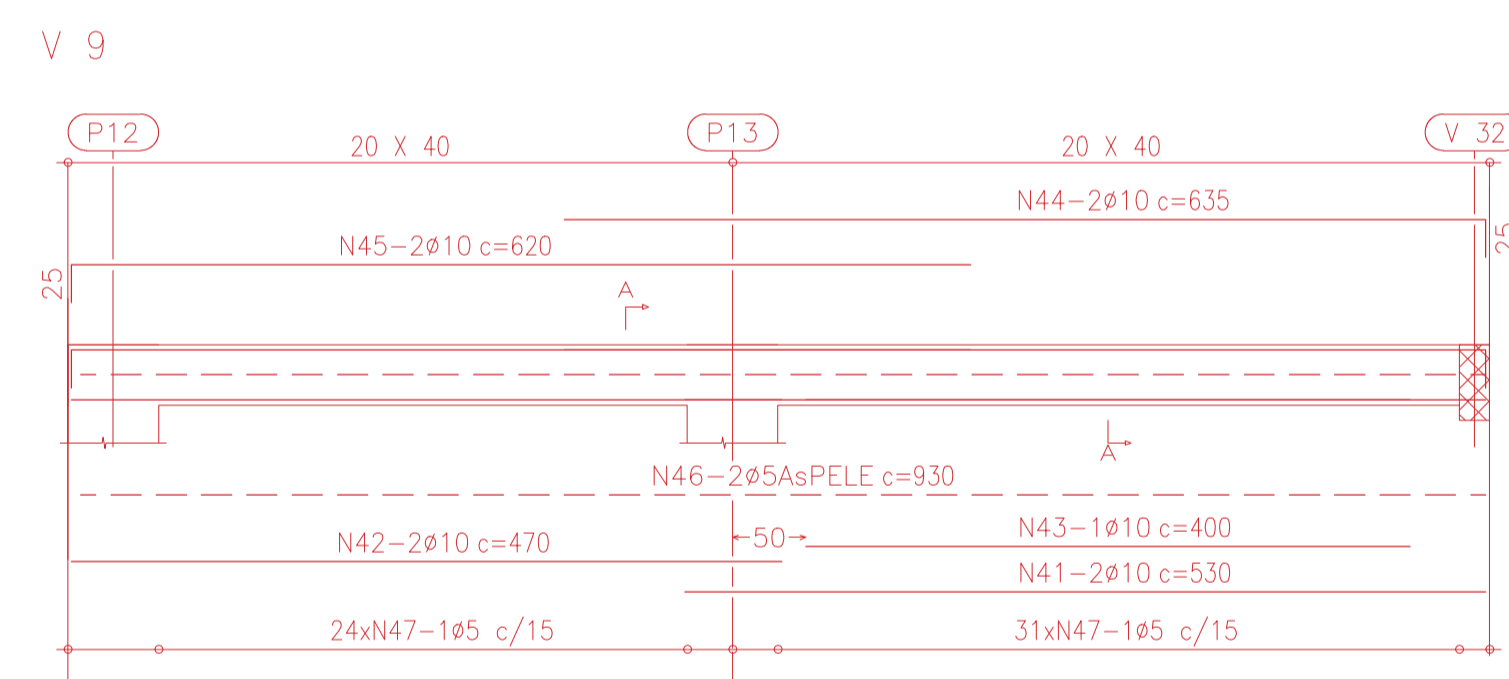
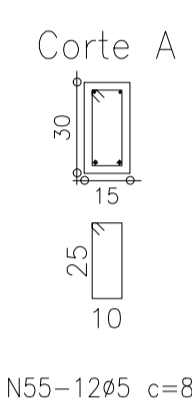
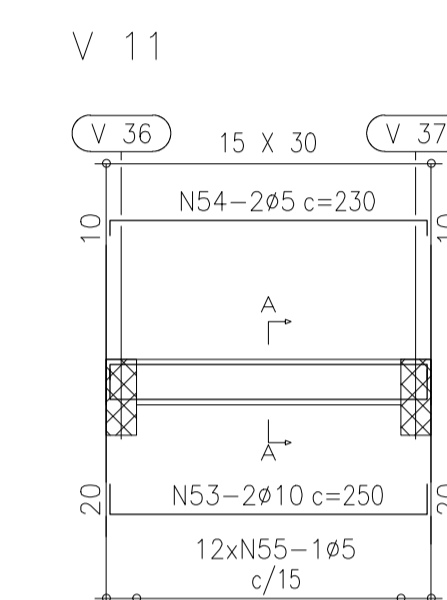
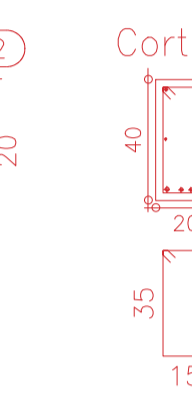
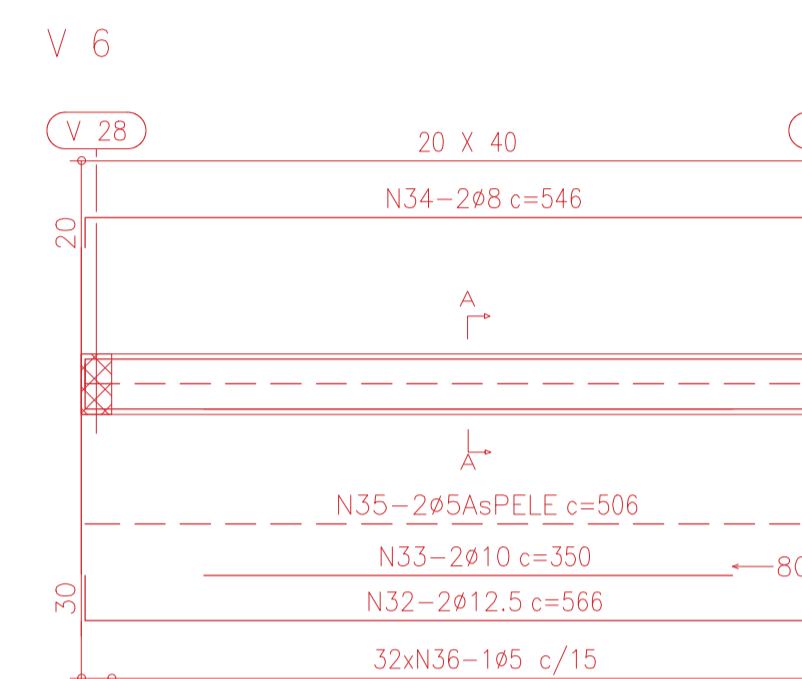
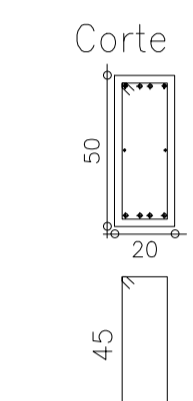
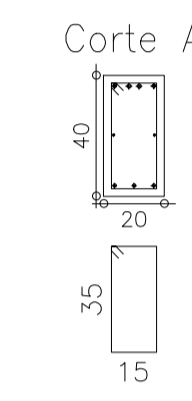
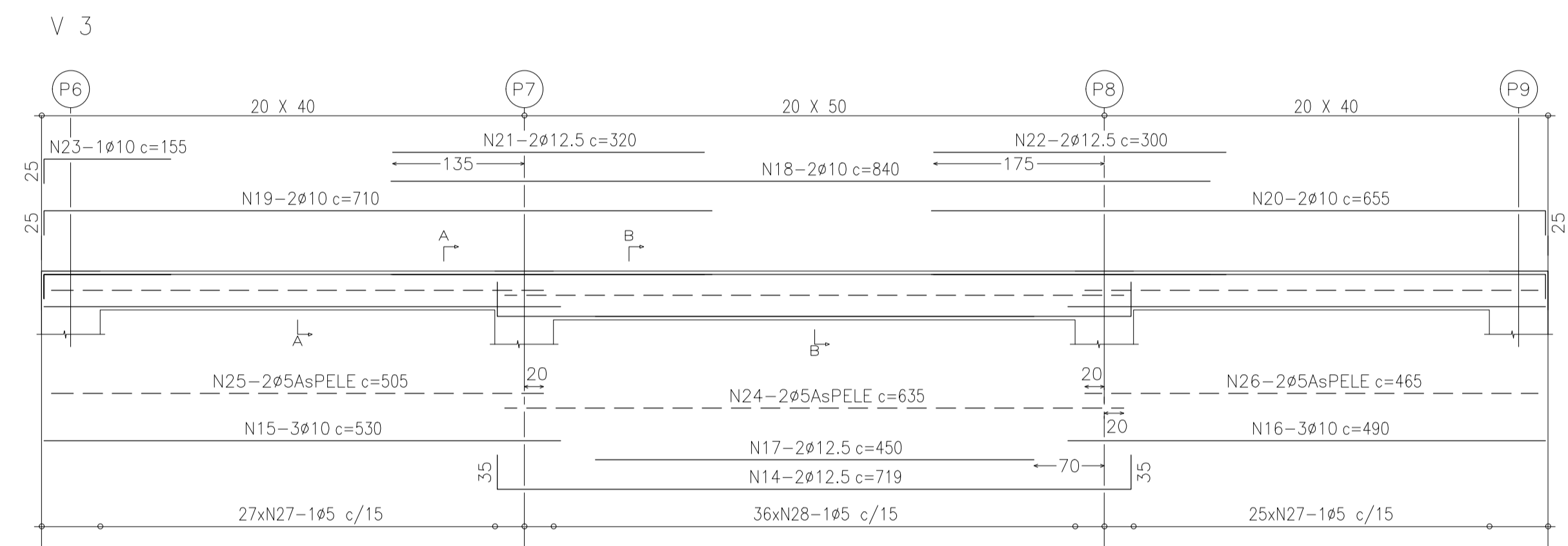
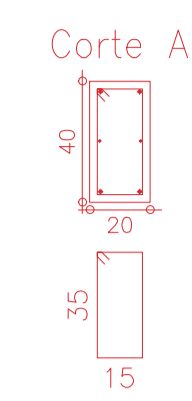
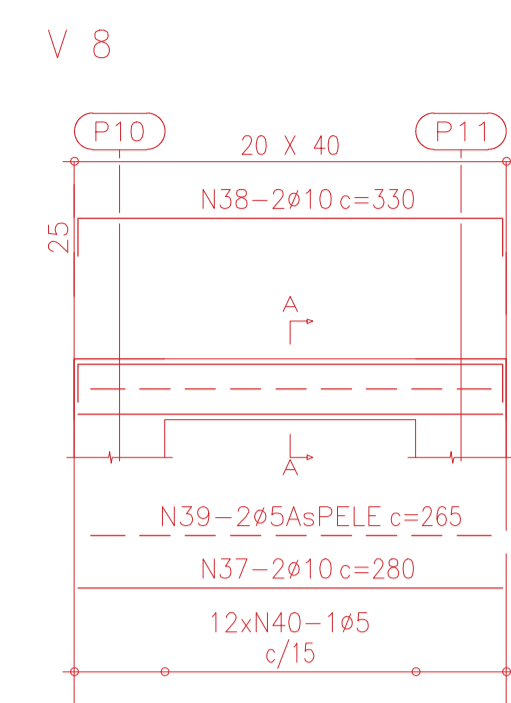
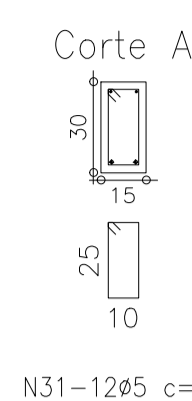
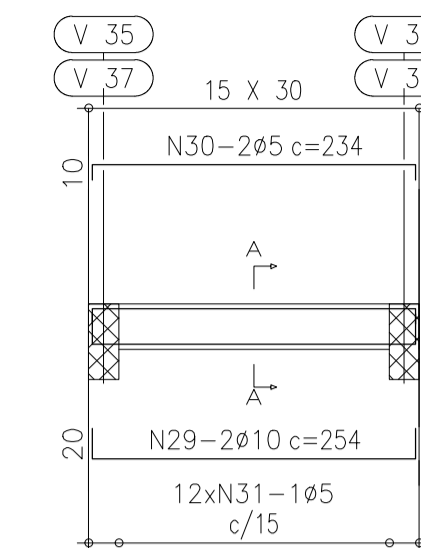


V 4=V 5=V 7
V 12=V 13



Elemento	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	
V 1	1	Ø10	2	260	520	
	2	Ø10	2	290	580	
	3	Ø5	11	90	990	
V 2	4	Ø10	2	830	1660	
	5	Ø10	2	560	1120	
	6	Ø10	1	400	400	
	7	Ø10	2	660	1320	
	8	Ø10	2	630	1260	
	9	Ø10	2	530	1060	
	10	Ø10	2	190	380	
	11	Ø5	2	805	1610	
	12	Ø5	2	535	1070	
	13	Ø5	74	110	8140	
	V 3	14	Ø12.5	2	719	1438
		15	Ø10	3	530	1590
		16	Ø10	3	490	1470
17		Ø12.5	2	450	900	
18		Ø10	2	840	1680	
19		Ø10	2	710	1420	
20		Ø10	2	655	1310	
21		Ø12.5	2	320	640	
22		Ø12.5	2	300	600	
23		Ø10	1	155	155	
24		Ø5	2	635	1270	
25		Ø5	2	505	1010	
26		Ø5	2	465	930	
27		Ø5	52	110	5720	
28	Ø5	36	130	4680		
V 4=V 5=V 7=V 12=V 13 (x5)	29	Ø10	2	254	508	
	30	Ø5	2	234	468	
	31	Ø5	12	80	960	
V 6	32	Ø12.5	2	566	1132	
	33	Ø10	2	350	700	
	34	Ø8	2	546	1092	
	35	Ø5	2	506	1012	
36	Ø5	32	110	3520		
V 8	37	Ø10	2	280	560	
	38	Ø10	2	330	660	
	39	Ø5	2	265	530	
	40	Ø5	12	110	1320	
V 9	41	Ø10	2	530	1060	
	42	Ø10	2	470	940	
	43	Ø10	1	400	400	
	44	Ø10	2	635	1270	
	45	Ø10	2	620	1240	
	46	Ø5	2	930	1860	
	47	Ø5	55	110	6050	
V 10	48	Ø10	2	531	1062	
	49	Ø10	1	350	350	
	50	Ø8	2	521	1042	
	51	Ø5	2	481	962	
	52	Ø5	30	110	3300	
V 11	53	Ø10	2	250	500	
	54	Ø5	2	230	460	
	55	Ø5	12	80	960	
V 14=V 40 (x2)	56	Ø10	2	281	562	
	57	Ø5	2	261	522	
	58	Ø5	14	80	1120	
V 15	59	Ø10	2	418	836	
	60	Ø10	1	250	250	
	61	Ø6.3	2	408	816	
	62	Ø5	23	80	1840	
V 16	63	Ø12.5	2	720	1440	
	64	Ø12.5	2	450	900	
	65	Ø10	2	370	740	
	66	Ø10	2	800	1600	
	67	Ø8	2	495	990	
	68	Ø10	1	215	215	
	69	Ø5	2	630	1260	
	70	Ø5	18	90	1620	
	71	Ø5	36	130	4680	
V 17	72	Ø12.5	2	500	1000	
	73	Ø10	1	350	350	
	74	Ø6.3	2	470	940	
	75	Ø5	2	440	880	
	76	Ø5	27	110	2970	
V 19	77	Ø10	2	290	580	
	78	Ø10	3	290	870	
	79	Ø5	2	240	480	
	80	Ø5	14	110	1540	

OBS:
PRIMEIRA ETAPA EM PRETO
SEGUNDA ETAPA EM VERMELHO