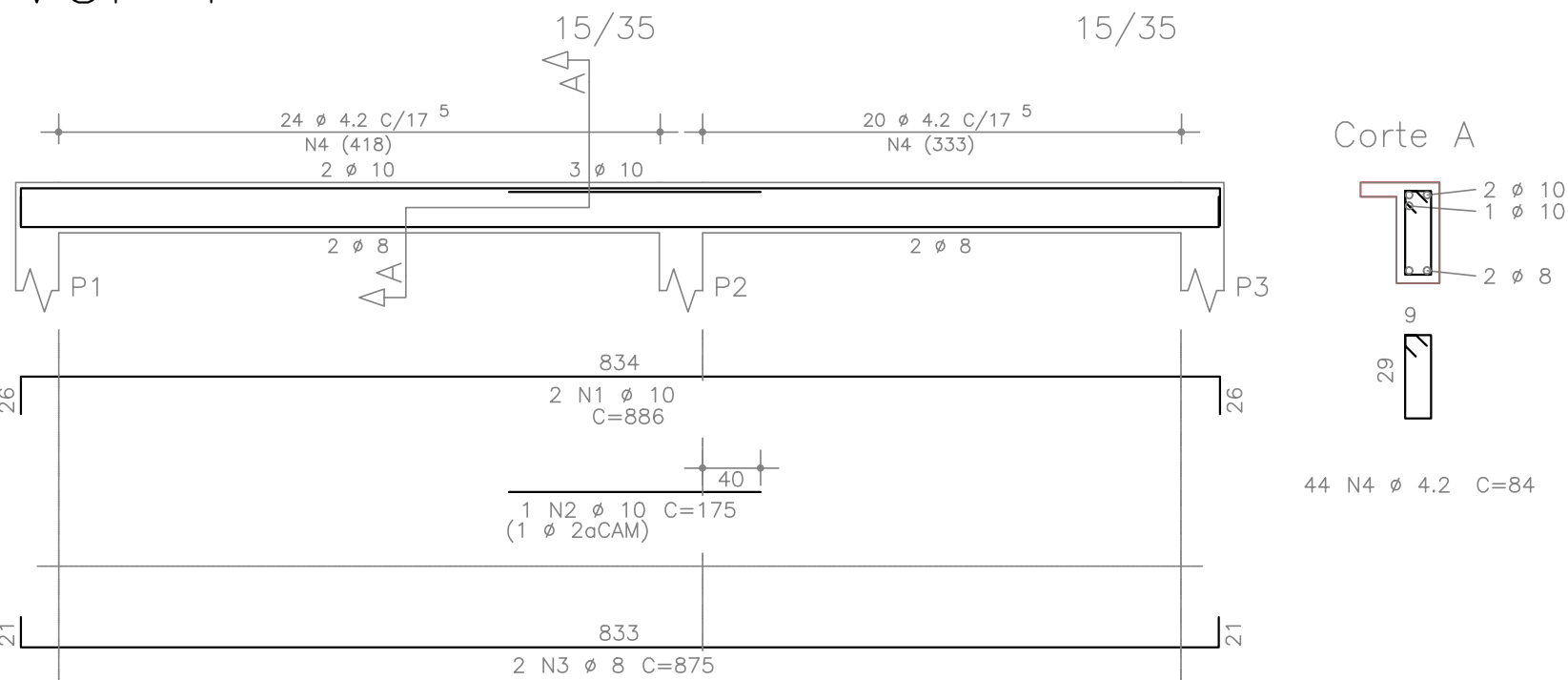
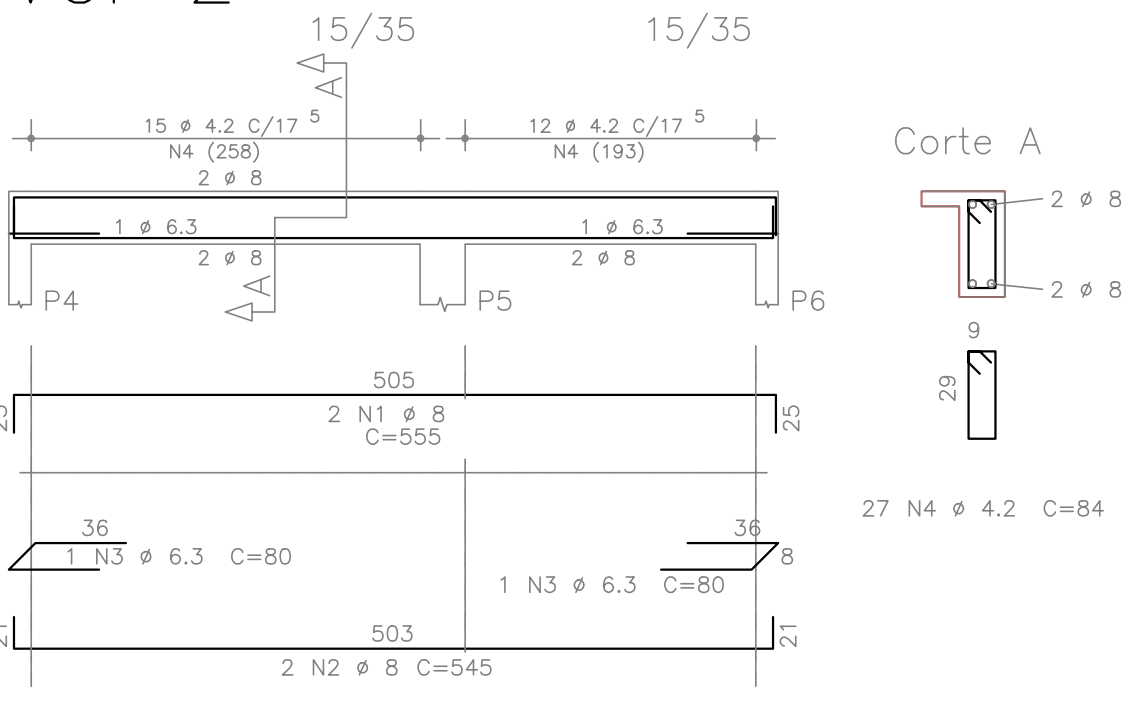


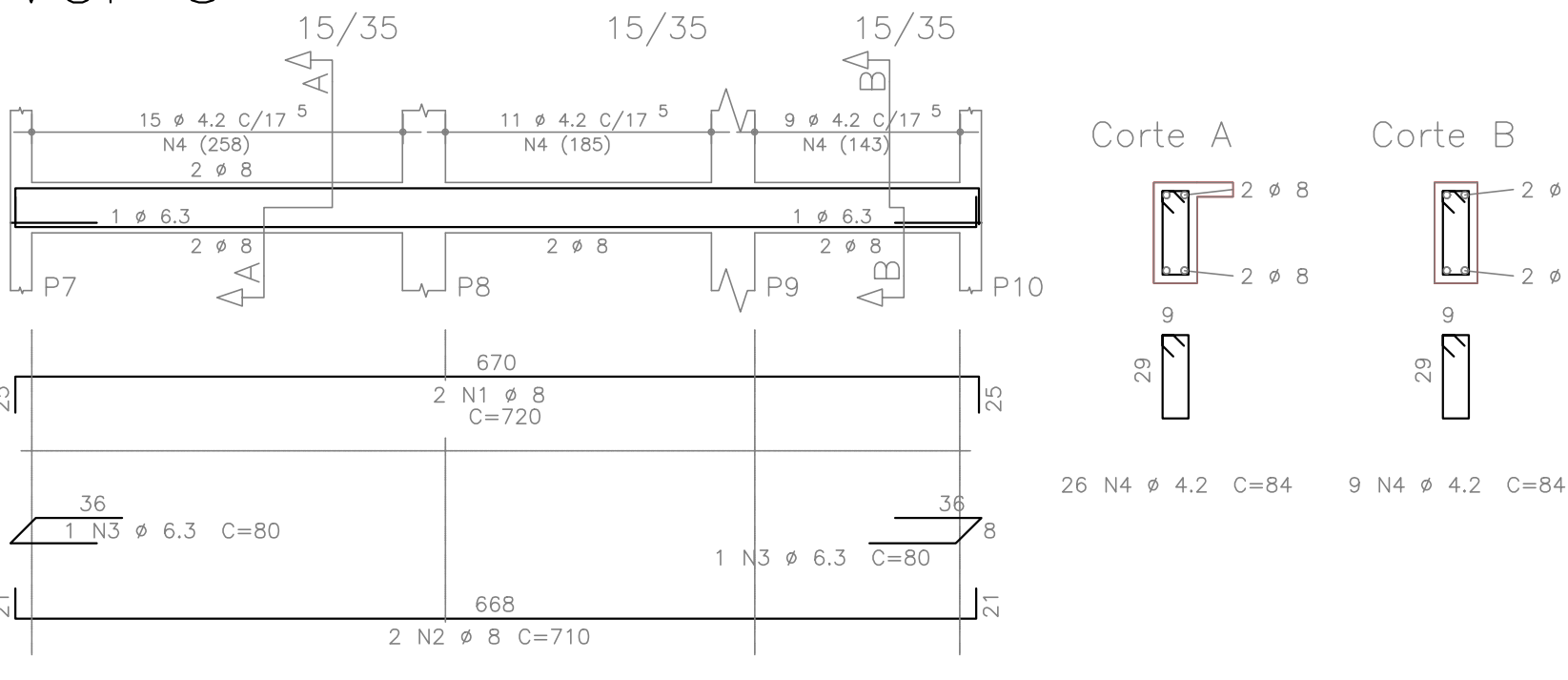
VCI-1



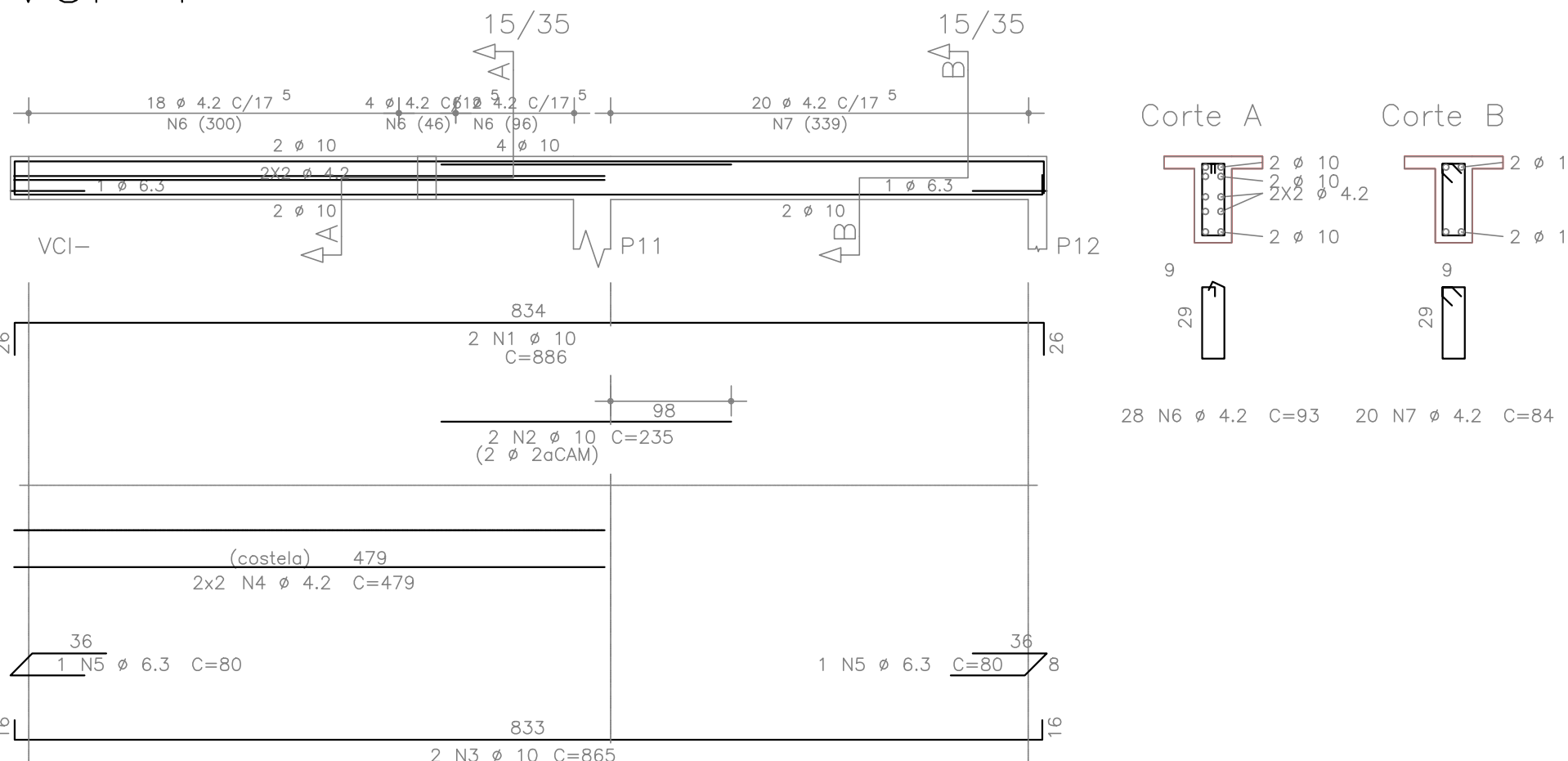
VCI-2



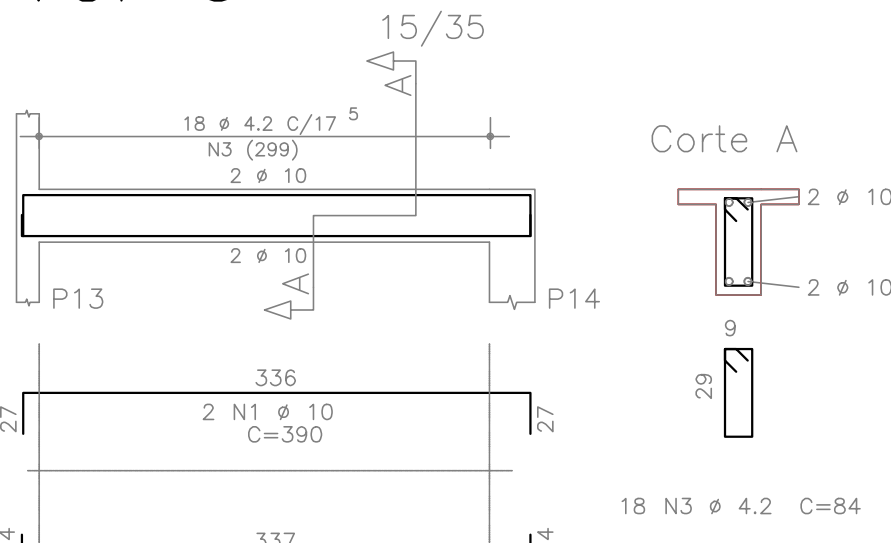
VCI-3



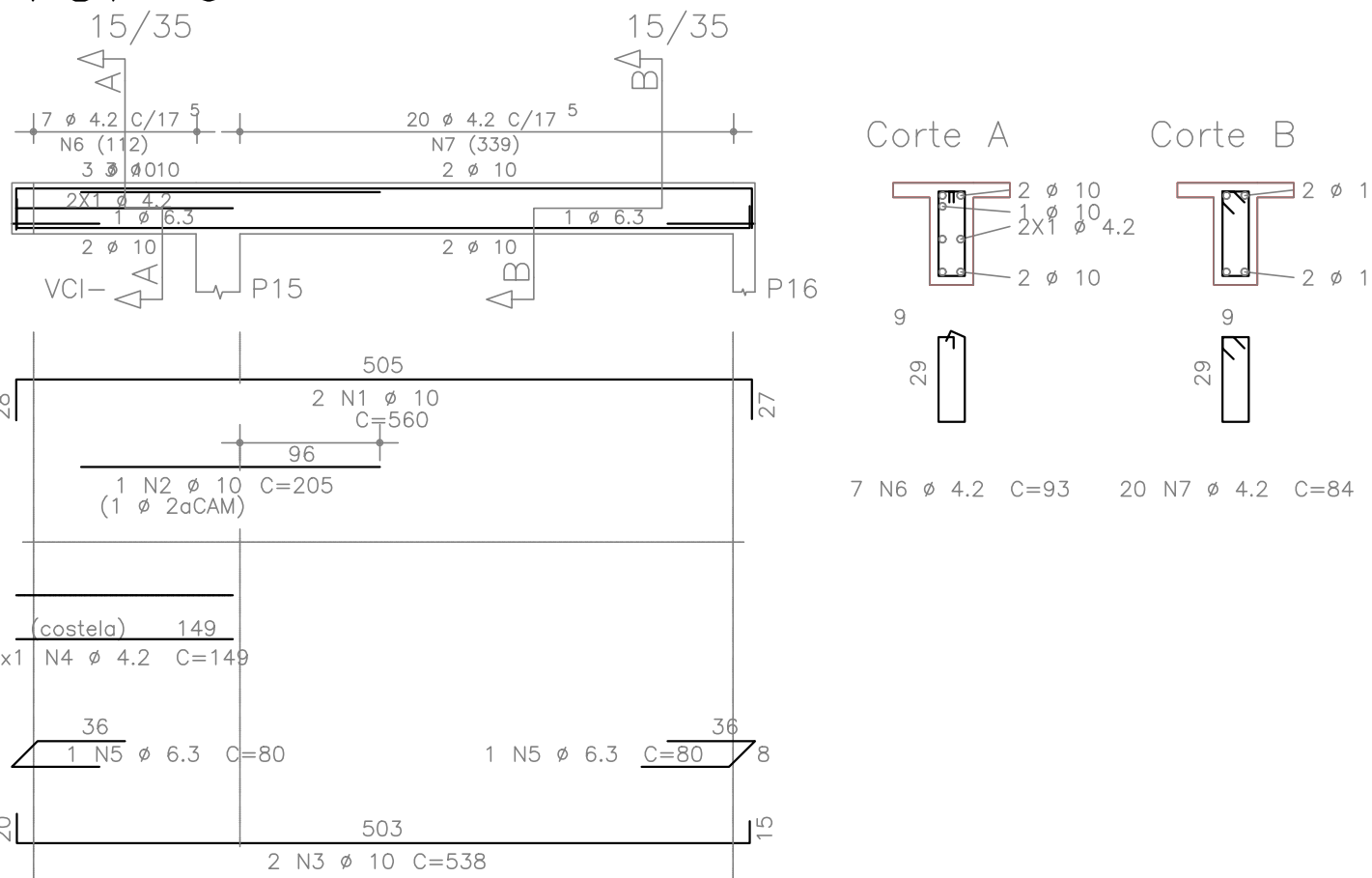
VCI-4



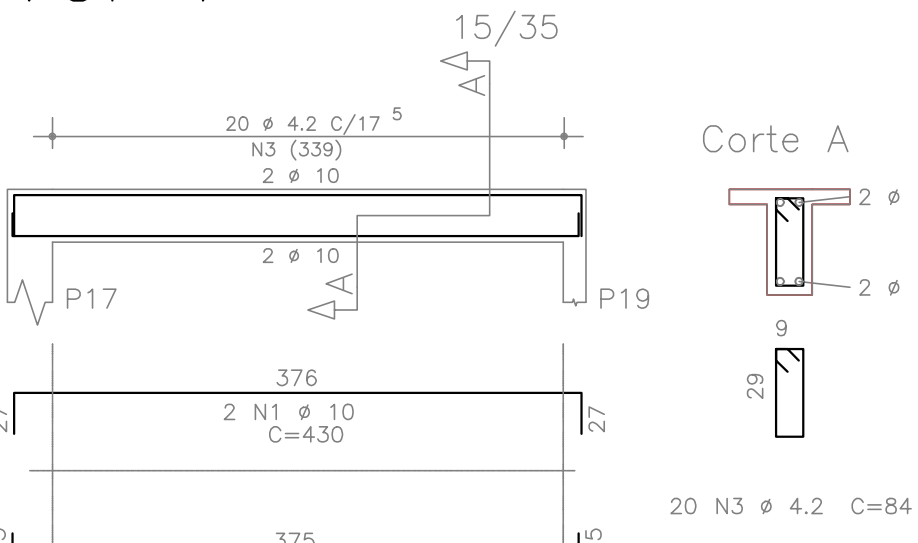
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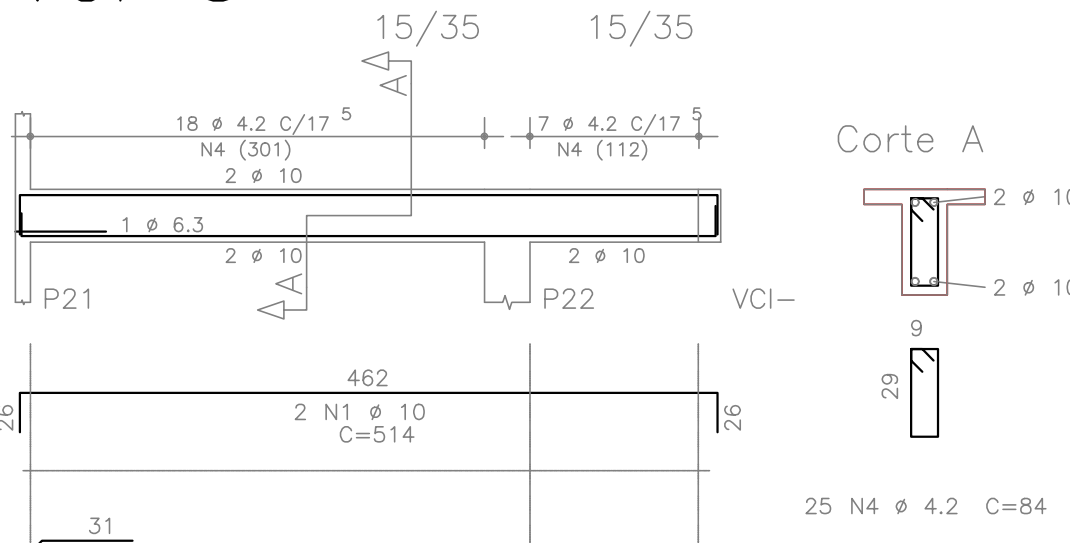
VCI-6



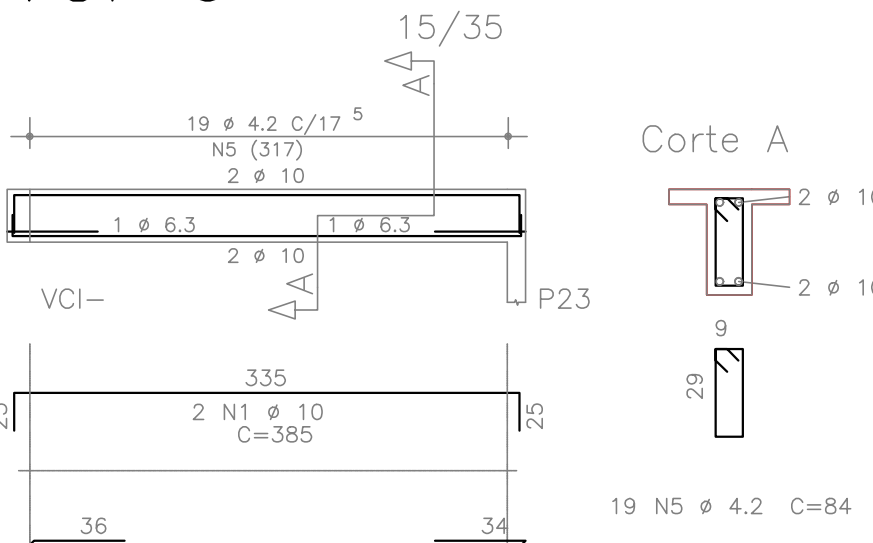
VCI-7



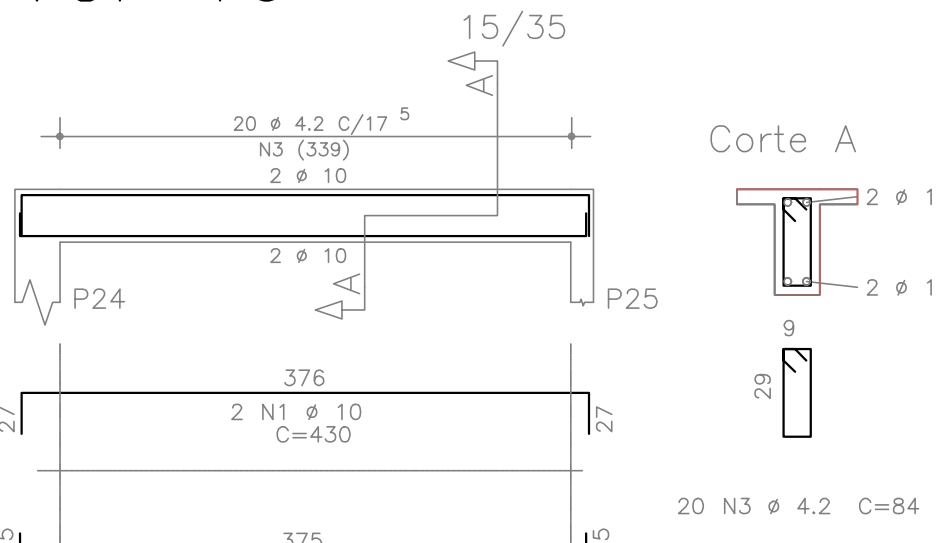
VCI-8



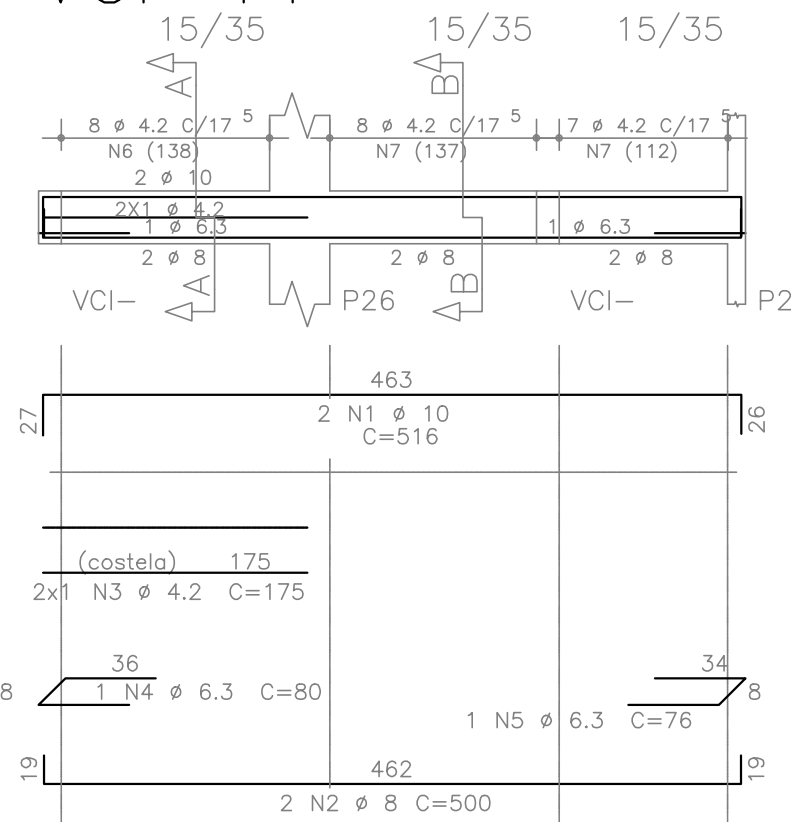
VCI-9



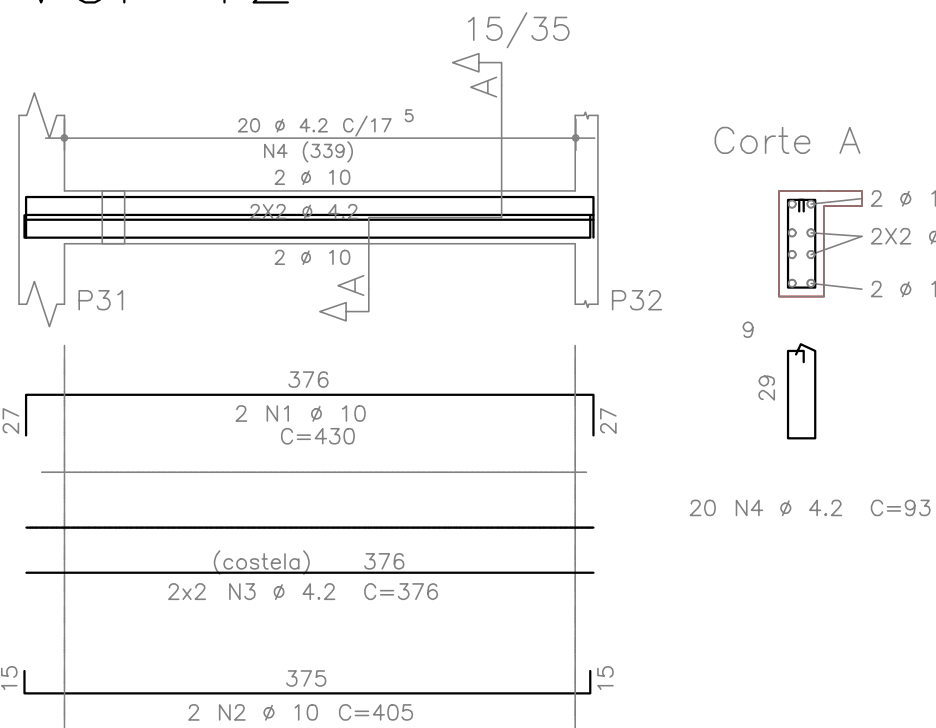
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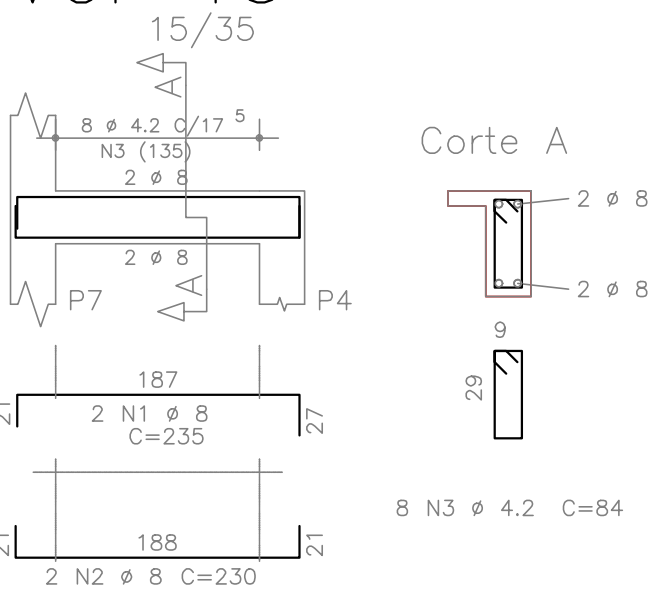
VCI-11



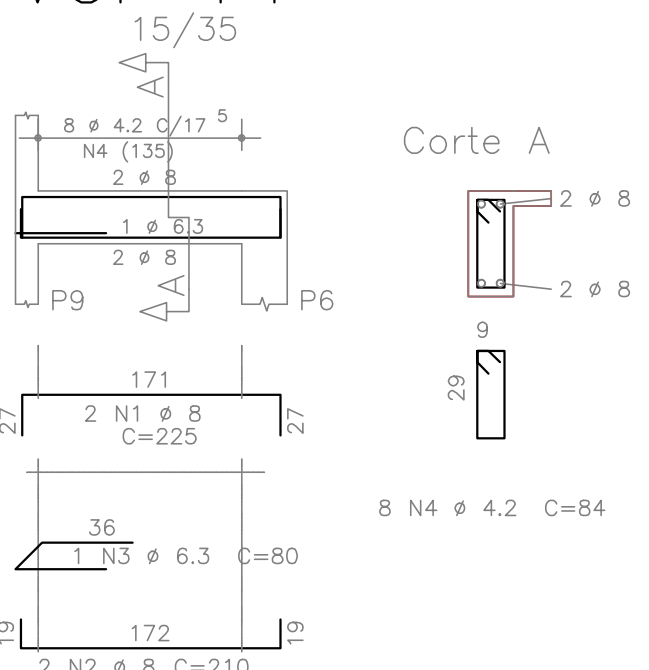
VCI-12



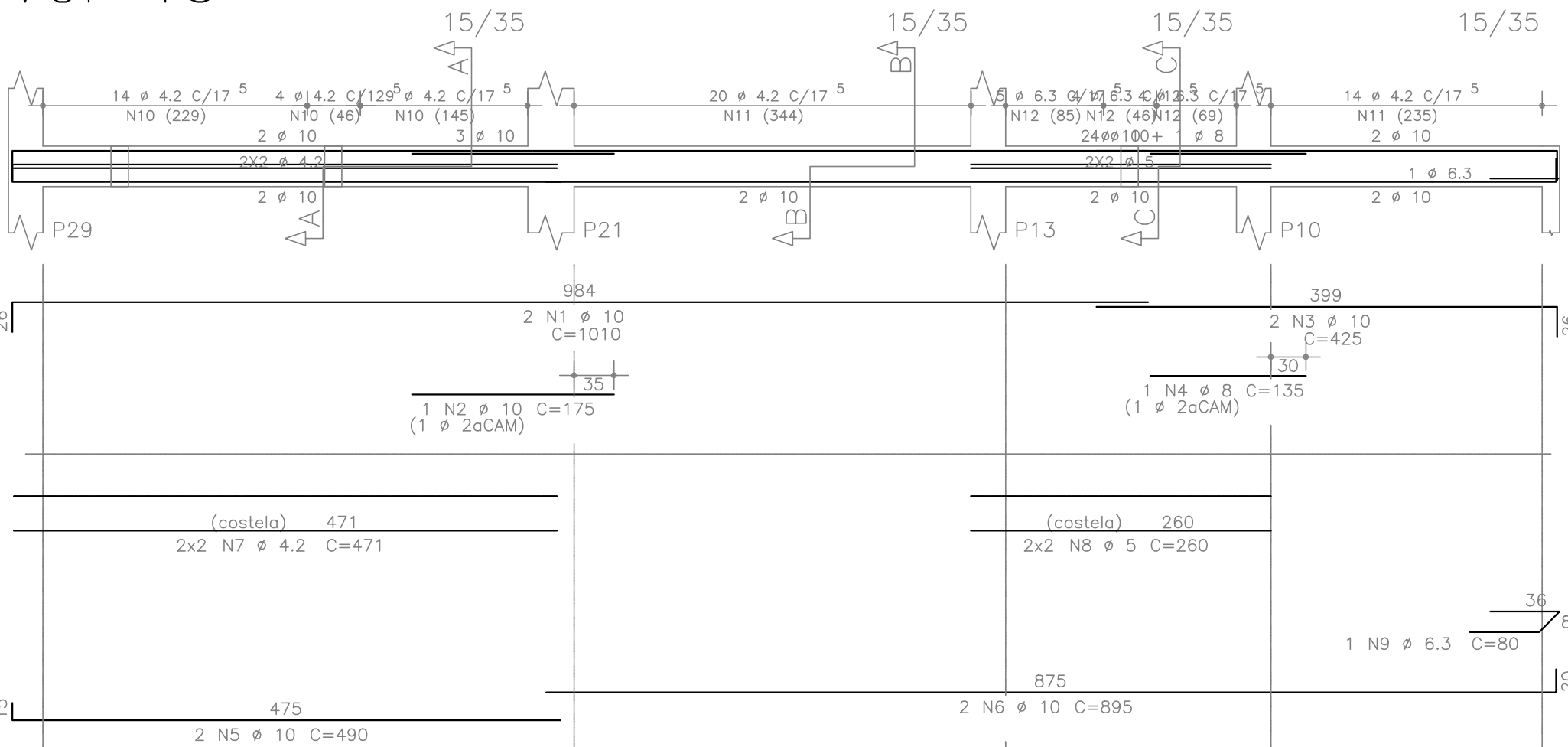
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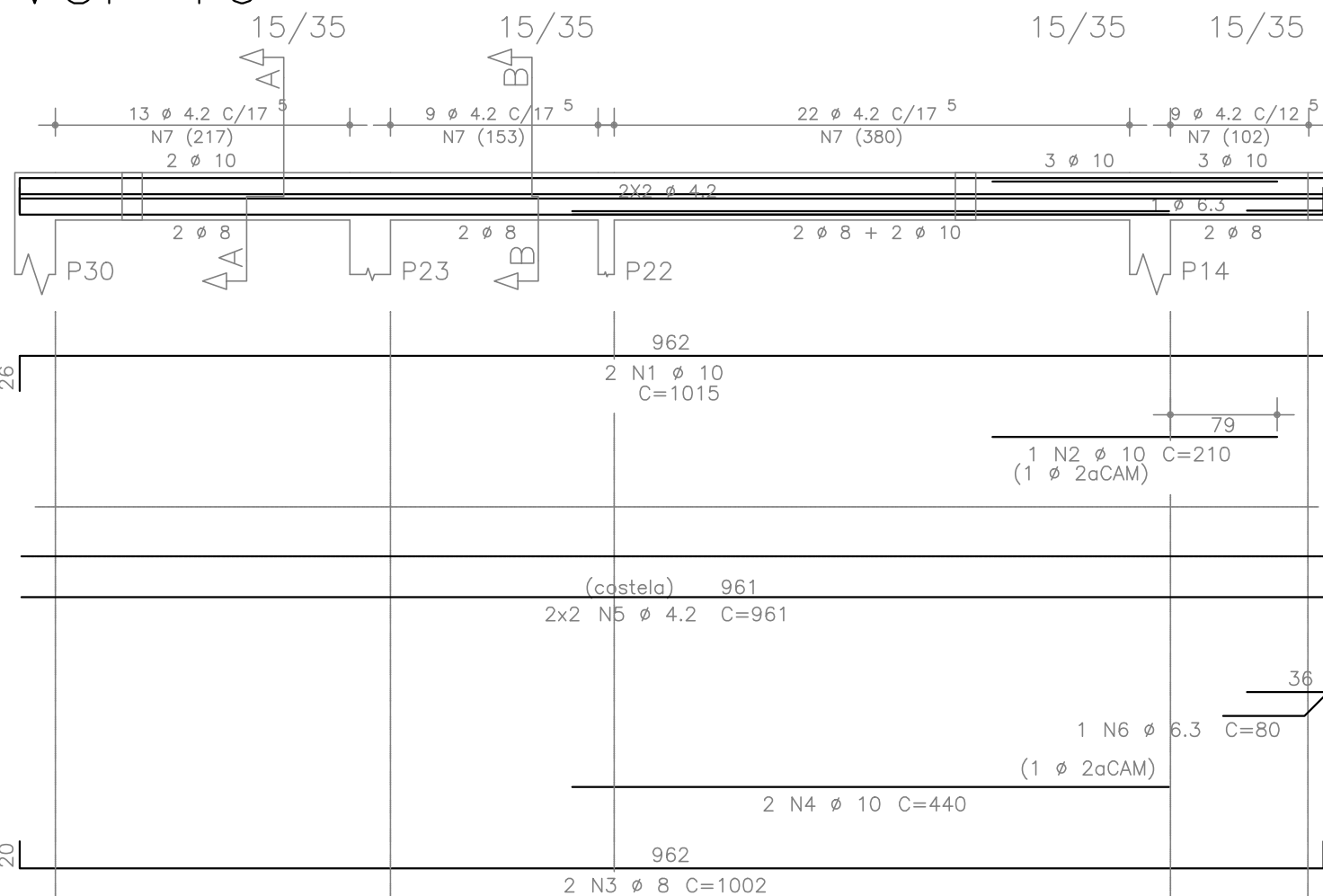
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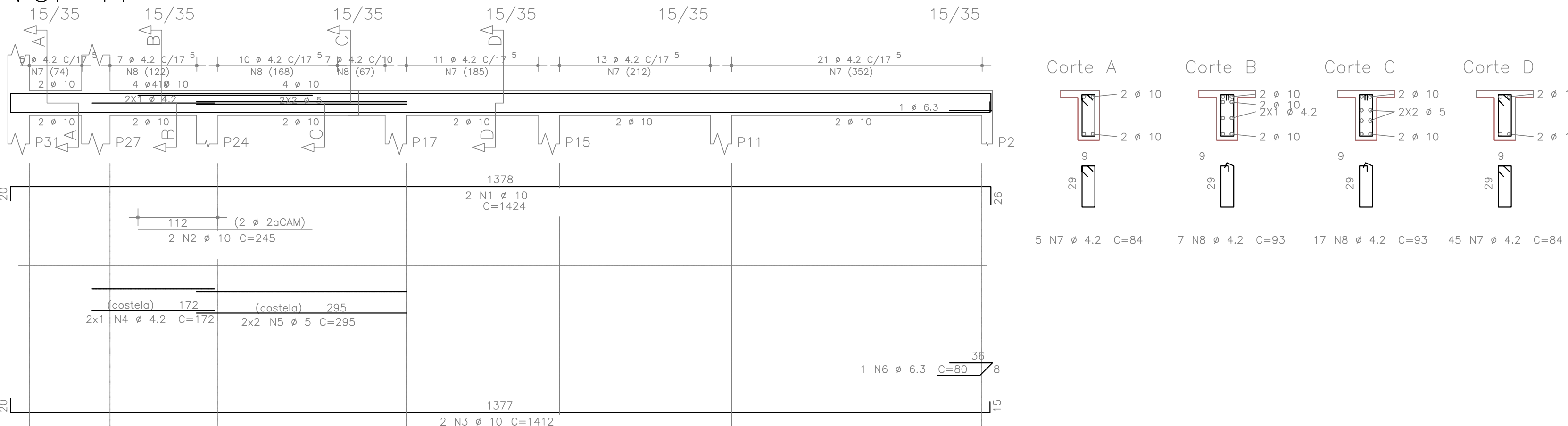
VCI-15



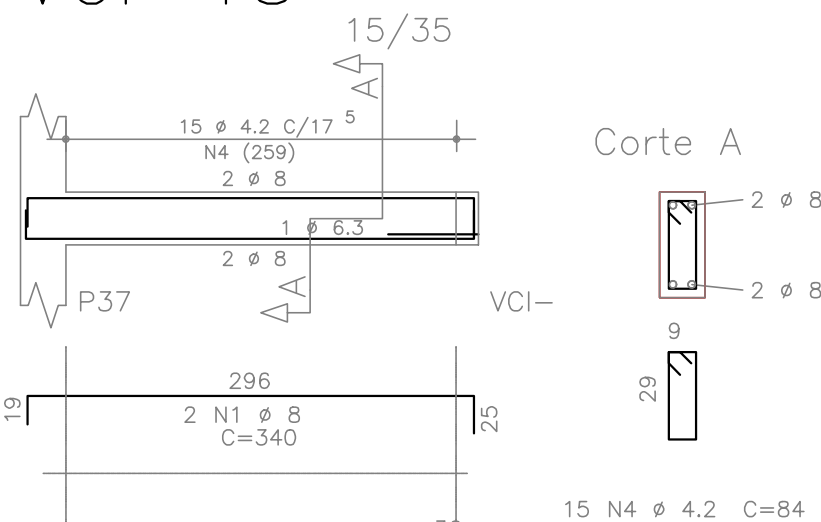
VCI-16



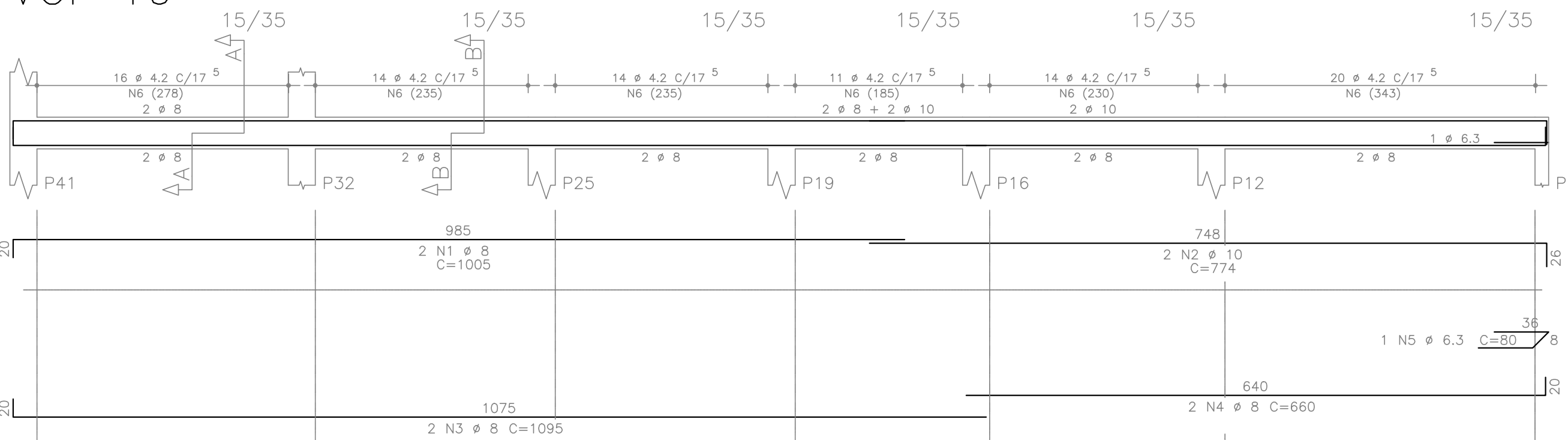
VCI-17



VCI-18



VCI-19



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO (cm)	UNID	TOTAL
VCI-1	50A	1	10	2	886	1772	
	50A	2	10	2	175	1750	
	60B	3	8	2	875	1750	
VCI-2	50A	1	8	2	555	1110	
	50A	2	8	2	710	1420	
	60B	3	6.3	2	80	160	
VCI-3	50A	1	8	2	720	1440	
	50A	2	8	2	80	160	
	60B	3	6.3	2	80	160	
VCI-4	50A	1	10	2	886	1772	
	50A	2	10	2	235	470	
	60B	3	4.2	2	865	1730	
	50A	4	6.3	2	479	958	
	50A	5	6.3	2	80	160	
	60B	6	4.2	2	93	186	
VCI-5	50A	1	10	2	365	730	
	50A	2	10	2	365	730	
	60B	3	4.2	2	84	168	
VCI-6	50A	1	10	2	563	1126	
	50A	2	10	2	205	410	
	50A	3	6.3	2	338	676	
	60B	4	4.2	2	149	298	
	50A	5	6.3	2	80	160	
	60B	6	4.2	2	93	186	
VCI-7	50A	1	10	2	430	860	
	50A	2	10	2	810	1620	
	60B	3	4.2	2	84	168	
VCI-8	50A	1	10	2	514	1028	
	50A	2	10	2	495	990	
	60B	3	4.2	2	84	168	
VCI-9	50A	1	10	2	365	730	
	50A	2	10	2	365	730	
	60B	3	4.2	2	84	168	
VCI-10	50A	1	10	2	405	810	
	50A	2	10	2	405	810	
	60B	3	4.2	2	84	168	
VCI-11	50A	1	10	2	516	1032	
	50A	2	10	2	175	350	
	60B	3	4.2	2	80	160	
	50A	4	6.3	1	76	76	
	60B	5	6.3	1	76	76	
VCI-12	50A	1	10	2	430	860	
	50A	2	10	2	405	810	
	60B	3	4.2	2	84	168	
VCI-13	50A	1	8	2	235	470	
	50A	2	8	2	230	460	
	60B	3	4.2	2	84	168	
VCI-14	50A	1	8	2	225	450	
	50A	2	8	2	210	420	
	60B	3	6.3	1	80	80	
VCI-15	50A	1	10	2	1010	2020	
	50A	2	10	2	175	350	
	50A	3	10	2	425	850	
	50A	4	8	1	135	135	
	50A	5	10	2	460	920	
	60B	6	10	2	895	1790	
	60B	7	4.2	4	471	1884	
	60B	8	5	4	260	1040	
	50A	9	6.3	1	80	80	
	60B	10	4.2	27	93	2511	
	60B	11	4.2	34	84	2856	
	60B	12	6.3	13	98	1274	
VCI-16	50A	1	10	2	1015	2030	
	50A	2	10	2	210	420	
	50A	3	8	2	1002	2004	
	50A	4	10	2	440	880	
	60B	5	4.2	4	961	3844	
	50A	6	6.3	1	80	80	
	60B	7	4.2	53	93	4929	
VCI-17	50A	1	10	2	1424	2848	
	50A	2	10	2	245	490	
	50A	3	8	2	1412	2824	
	60B	4	4.2	2	172	344	
	60B	5	5	2	295	590	
	50A	6	6.3	1	80	80	
	60B	7	4.2	50	84	4200	
VCI-18	50A	1	8	2	340	680	
	50A	2	8	2	335	670	
	50A	3	6.3	1	80	80	
	60B	4	4.2	15	84	1260	
VCI-19	50A	1	8	2	1005	2010	
	50A	2	10	2	774	1548	
	50A	3	8	2	1095	2190	
	50A	4	8	2	660	1320	
	50A	5	6.3	2	80	80	
	60B	6	4.2	89	84	7476	

RESUMO AÇO CA 50-60				
AÇO	BIT (mm)	COMPR (m)	PESO (kg)	
60B	4.2	649	71	
60B	5	22	4	
50A	6.3	28	7	
50A	8	186	74	
50A	10	360	227	
Peso Total 60B =			74 kg	
Peso Total 50A =			308 kg	

TOTAL DE CONSTRUÇÃO.....231,7 M²

Lajes da cobertura 1		Vigas da cobertura 1	
Resumo do concreto 25MPa		Resumo do concreto 25MPa	
Vol. concreto = 6,20 m³		Vol. concreto = 5,65 m³	
		Fôrmas = 76 m²	

CLIENTE: CÂMARA MUNICIPAL DE SANTA MARIANA				DESENHO: N. P.
OBRA: CÂMARA MUNICIPAL DE SANTA MARIANA - ALUGAR 100 e Rua Pedro Bello e Paulo, São Francisco - Centro - CEP: 26.200 - Cidade: RJ - Santa Maria, RJ				05
TÍTULO: PROJETO ESTRUTURAL				
-ARMAÇÃO: VIGAS DA COBERTURA 1				
(CONCRETO: 25 MPa)				
DATA: 04/02/2014	ESCALA: 1/50	FOZ: 200%	DESENHO: N. P.	ENG: P.