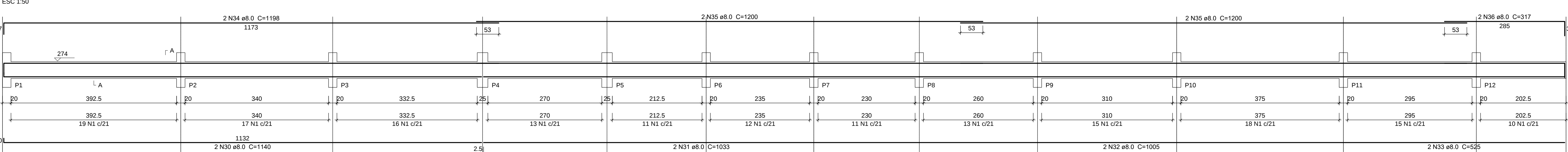
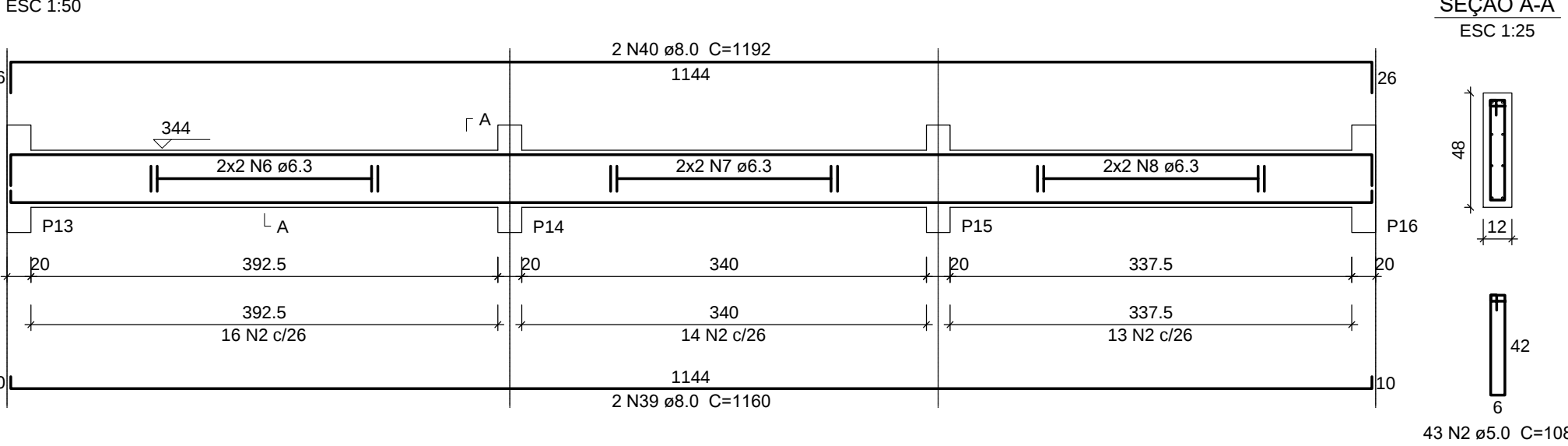


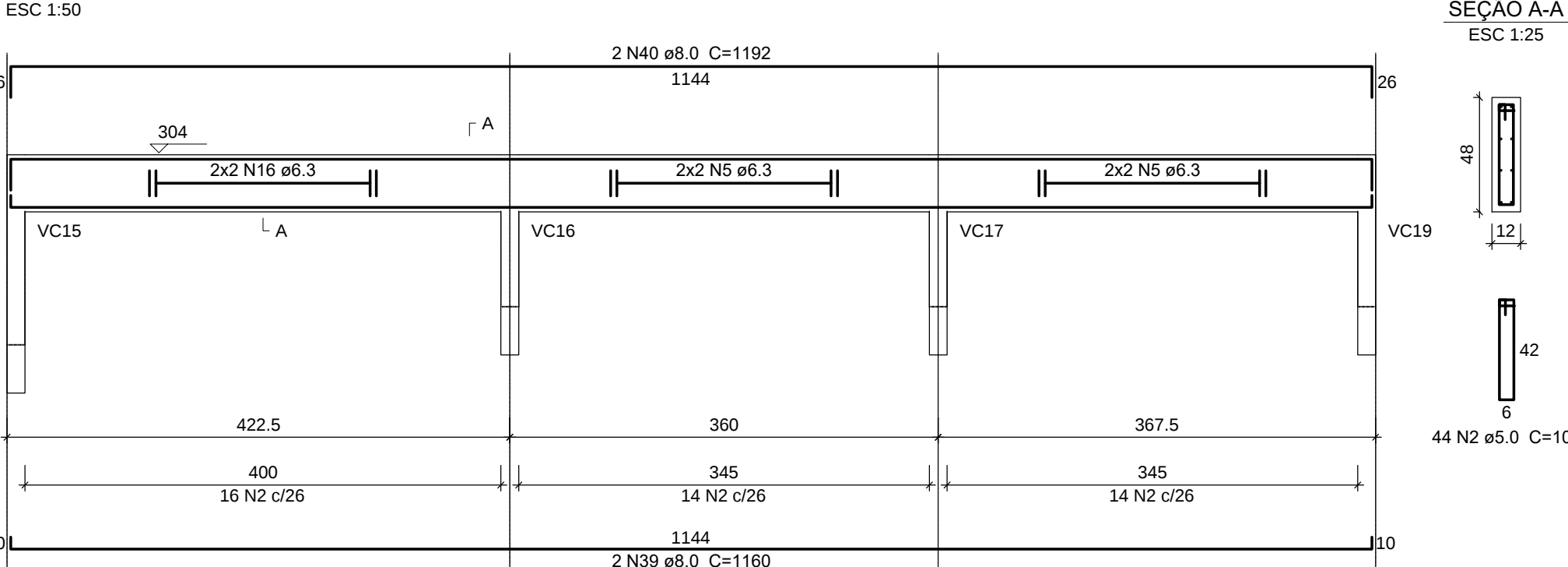
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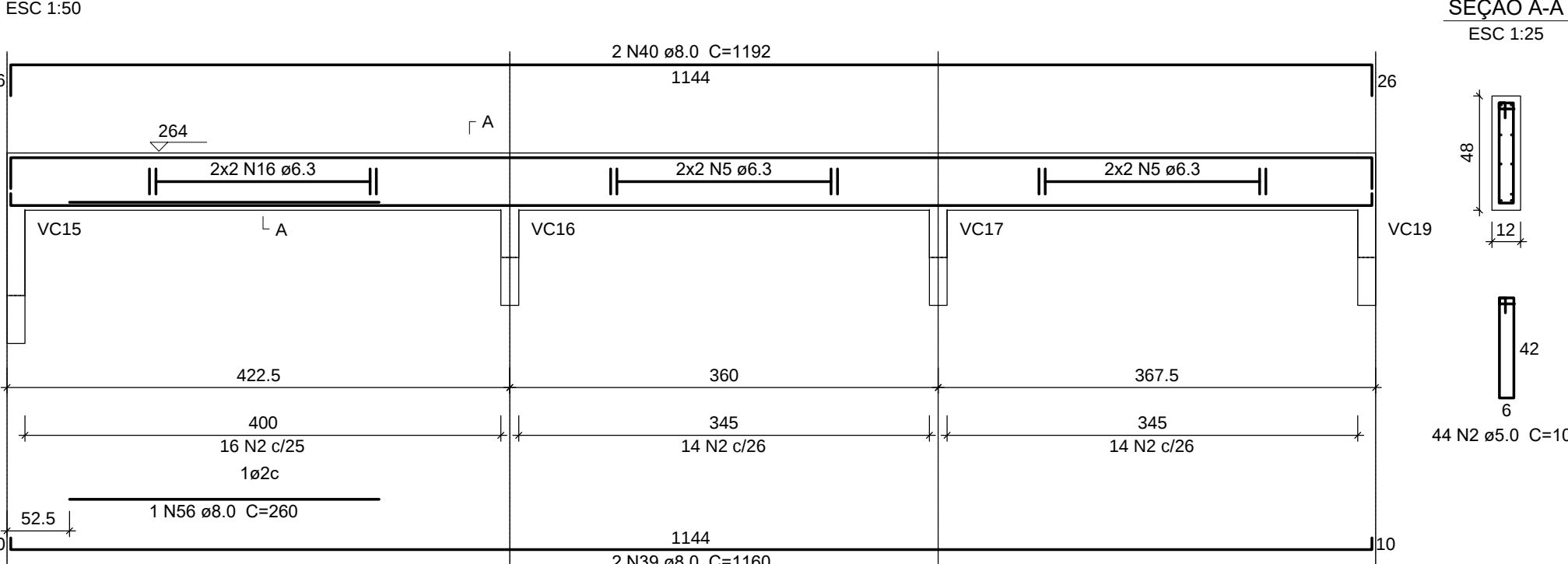
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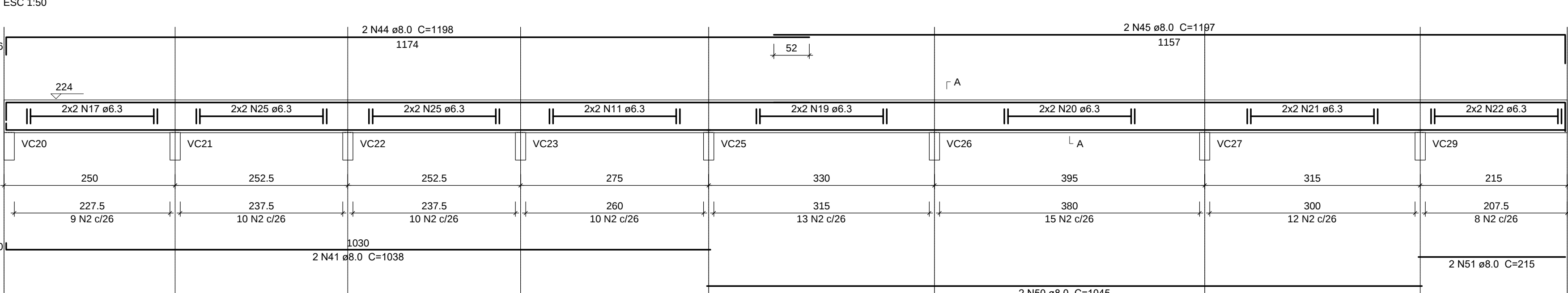
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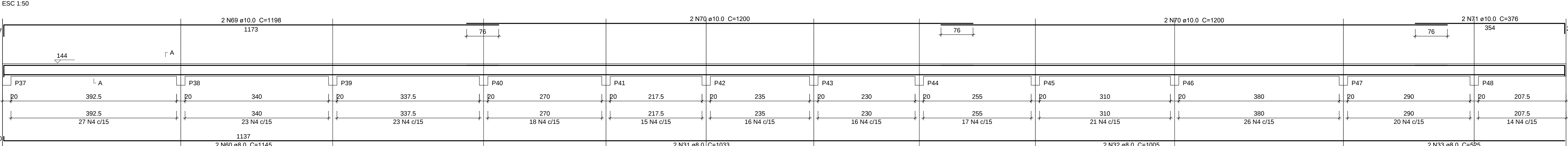
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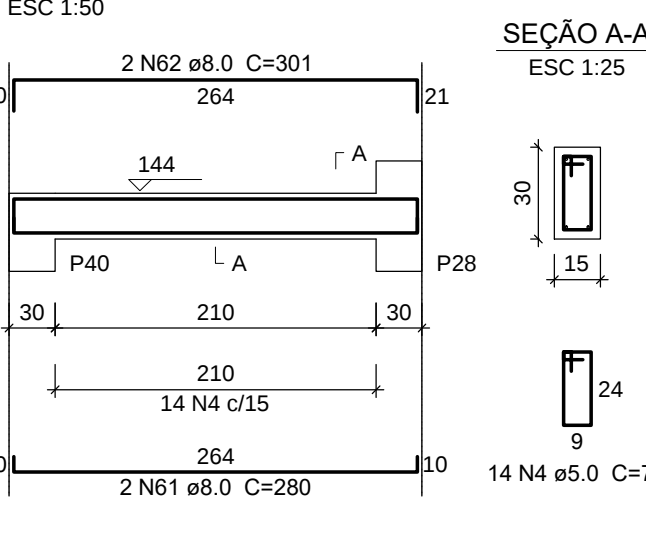
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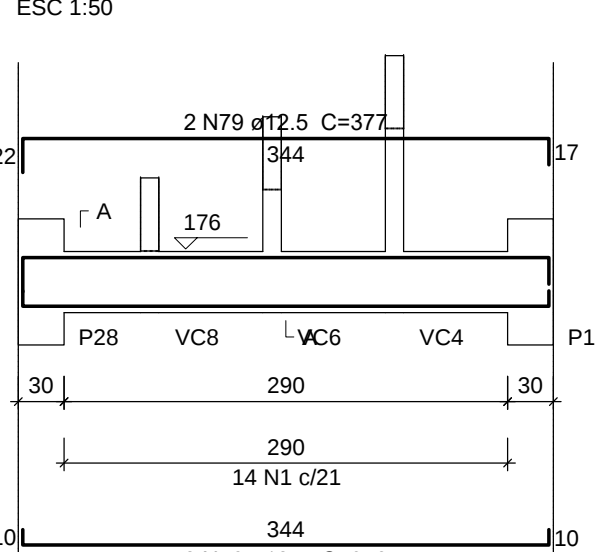
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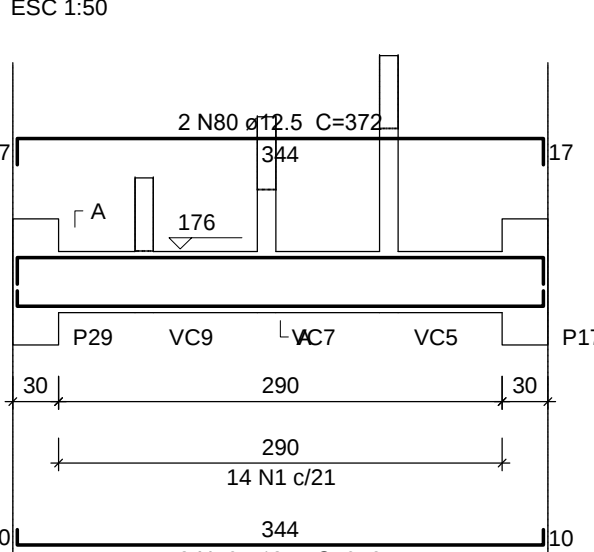
VC18



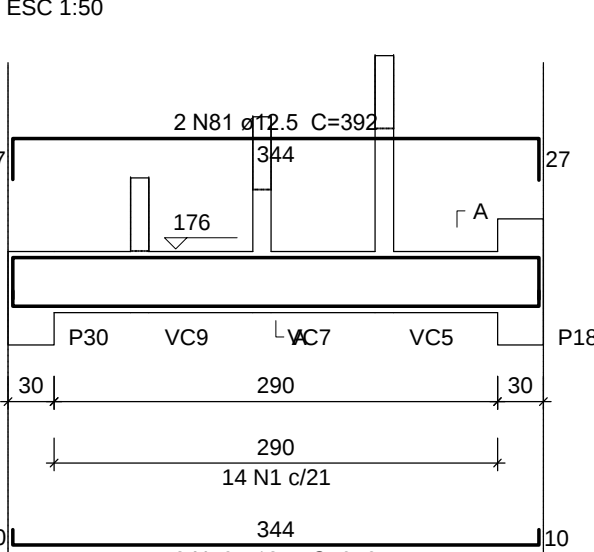
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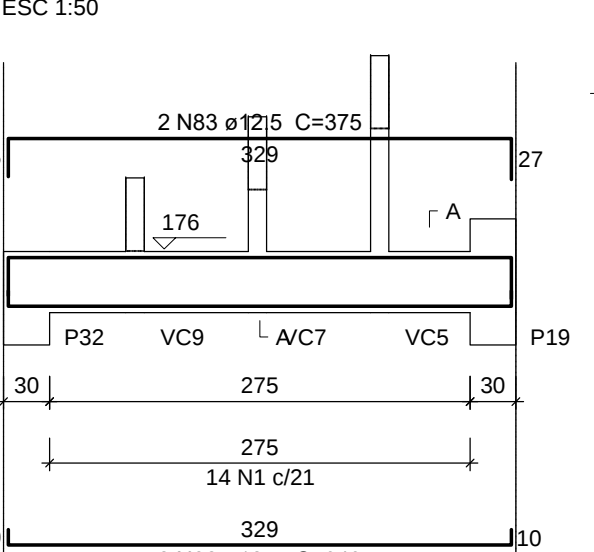
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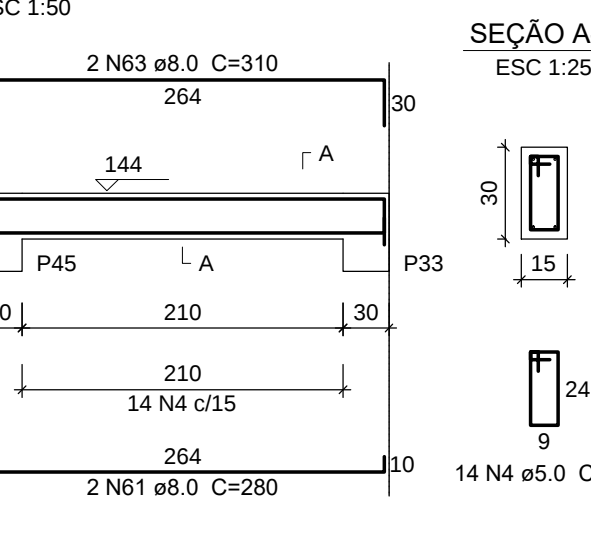
VC21



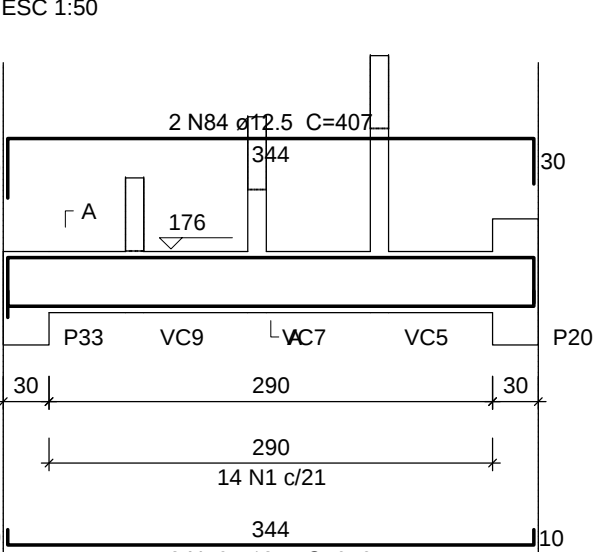
VC23



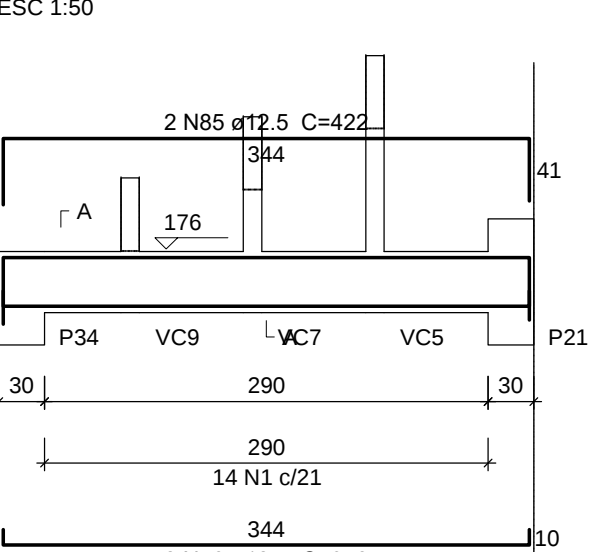
VC24



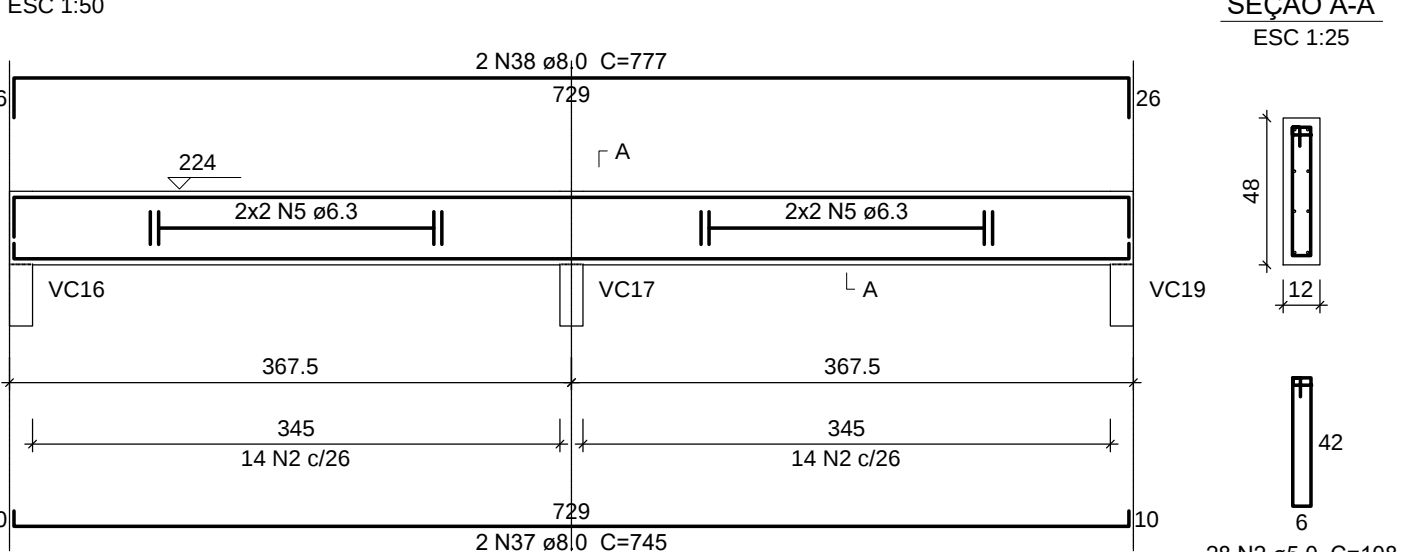
VC25



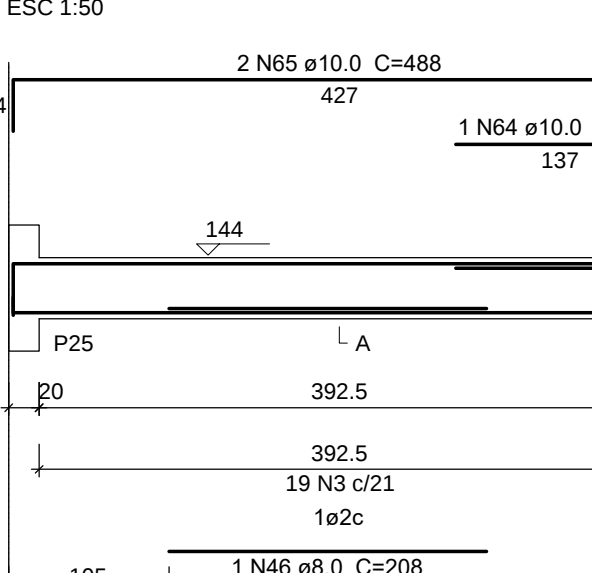
VC26



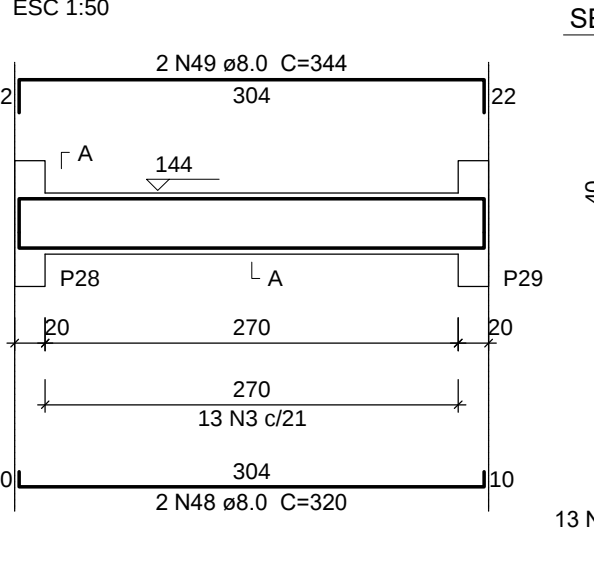
VC8



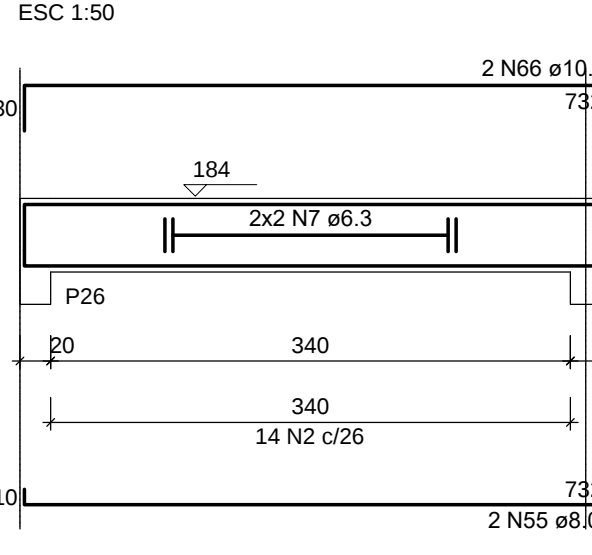
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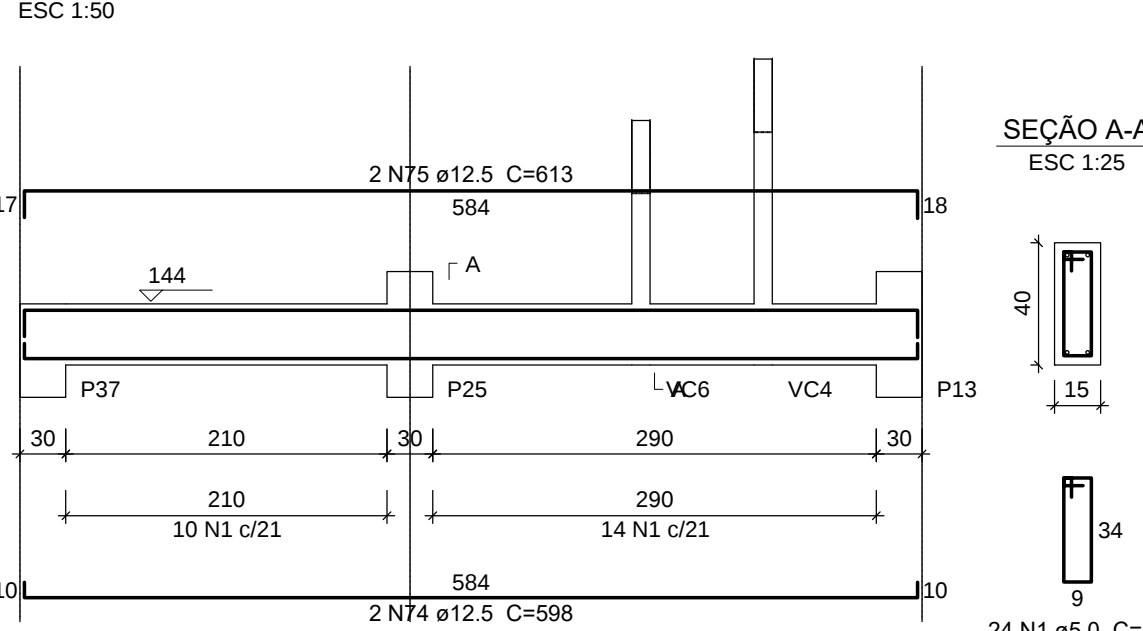
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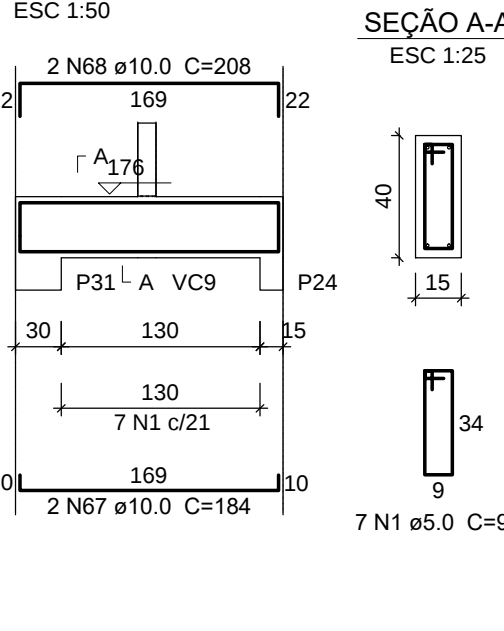
VC11



VC15



VC22



Relação do aço

VC1	VC2	VC3
VC4	VC5	VC6
VC7	VC8	VC9
VC10	VC11	VC12
VC13	VC14	VC15
VC16	VC17	VC18
VC19	VC20	VC21
VC22	VC23	VC24
VC25	VC26	

ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	315	30610	96528
	2	5.0	616	108	66528
	3	5.0	32	92	2944
	4	5.0	24	78	2092
CA50	5	6.3	24	CORR	8280
	6	6.3	4	CORR	1572
	7	6.3	8	CORR	2720
	8	6.3	8	CORR	2720
	9	6.3	8	CORR	1744
	10	6.3	4	CORR	1840
	11	6.3	12	CORR	3120
	12	6.3	8	CORR	2480
	13	6.3	4	CORR	1500
	14	6.3	4	CORR	1180
	15	6.3	4	CORR	812
	16	6.3	4	CORR	3200
	17	6.3	8	CORR	1824
	18	6.3	4	CORR	1960
	19	6.3	12	CORR	3760
	20	6.3	16	CORR	6080
	21	6.3	12	CORR	3600
	22	6.3	16	CORR	3328
	23	6.3	4	CORR	1892
	24	6.3	4	CORR	2020
	25	6.3	8	CORR	1904
	26	6.3	4	CORR	940
	27	6.3	4	CORR	920
	28	6.3	4	CORR	1020
	29	6.3	4	CORR	1160
	30	8.0	2	1140	2280
	31	8.0	2	1030	4132
	32	8.0	4	1005	4020
	33	8.0	4	525	2100
	34	8.0	2	317	634
	35	8.0	4	1200	4800
	36	8.0	2	745	1490
	37	8.0	2	777	1554
	38	8.0	2	1190	6960
	39	8.0	6	1192	7152
	40	8.0	8	1038	8204
	41	8.0	4	1040	4160
	42	8.0	2	210	420
	43	8.0	4	1198	9644
	44	8.0	6	1197	7182
	45	8.0	1	208	208
	46	8.0	2	443	886
	47	8.0	2	320	640
	48	8.0	2	344	688
	49	8.0	8	1045	8360
	50	8.0	8	215	1720
	51	8.0	2	1198	2396
	52	8.0	2	1058	2116
	53	8.0	2	217	434
	54	8.0	2	748	1496
	55	8.0	1	260	260
	56	8.0	2	220	440
	57	8.0	2	1033	2066
	58	8.0	1	560	560
	59	8.0	2	1145	2290
	60	8.0	4	260	1120
	61	8.0	2	301	602
	62	8.0	2	310	620
	63	8.0	1	167	167
	64	10.0	2	488	976
	65	10.0	2	778	1556
	66	10.0	2	1196	2396
	67	10.0	2	1196	2396
	68	10.0	2	1196	2396
	69	10.0	4	1200	4800
	70	10.0	2	376	752
	71	10.0	2	376	752
	72	10.0	1	160	160
	73	10.0	2	359	718
	74	12.5	2	598	1196
	75	12.5	2	613	1226
	76	12.5	12	358	4296
	77	12.5	2	426	852
	78	12.5	2	424	848
	79	12.5	2	377	754
	80	12.5	2	372	744
	81	12.5	2	392	784
	82	12.5	2	343	686
	83	12.5	2	375	750
	84	12.5	2	407	814
	85	12.5	2	422	844

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO = 10 % (kg)
CA50	6.3	616.8	166
	8.0	940.6	408.3
	10.0	123.1	83.5
	12.5	139	146.2
	5.0	1009.4	205

PESO TOTAL (kg) CA50 803.9 CA60 205

Volume de concreto (C=25) = 16.94 m³

Área de forma = 284.14 m²

PROJETO ESTRUTURAL

UTILIZAÇÃO: ESPECIAL

ENDEREÇO DA OBRA: RUA JOÃO FREIRE FILHO, Nº 155, CENTRO, IMBITUBA, PARANÁ.

RESPONSÁVEL TÉCNICO: PROPRIETÁRIO:

LUIZ ROBERTO PENTEADO JR

MUNICÍPIO DE IMBITUBA

REF: ANIMAÇÃO DE VIGAS C

FOLHA:

DATA: 13/08/2021 ARQUIVO: 0221-031 ESCALA: INICIADA UNIDADE: METRO DESENHO: BETO 07/11