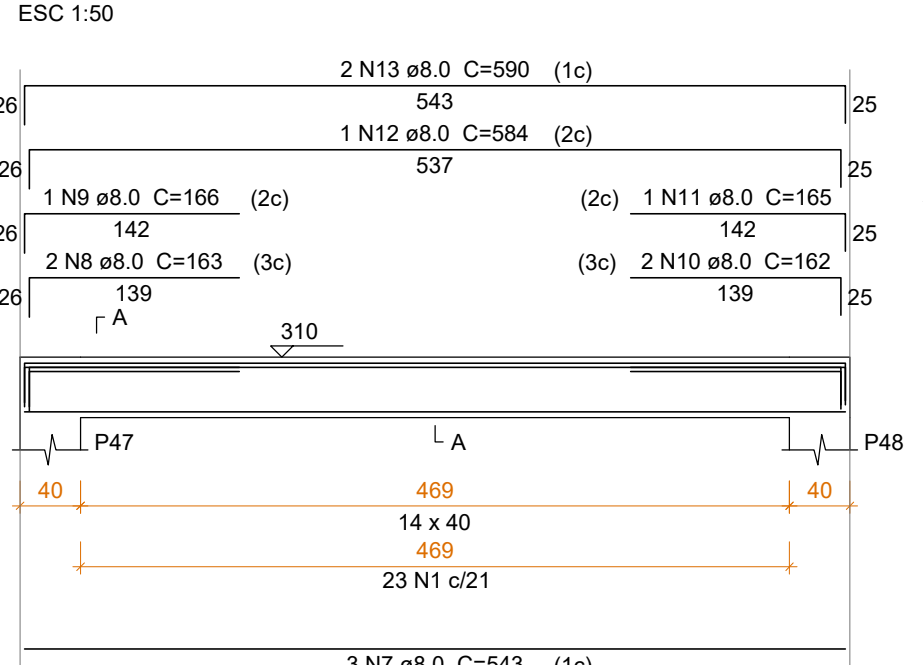
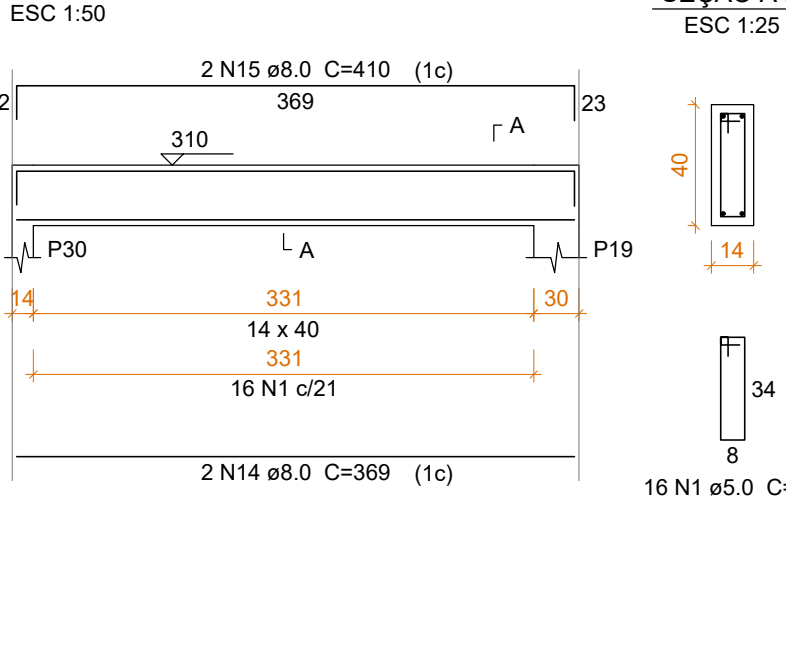


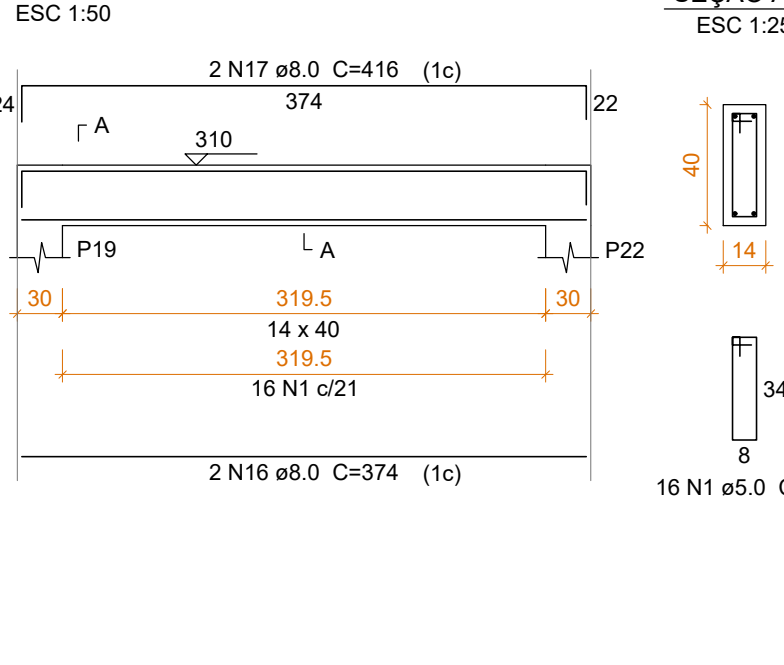
VC3 88



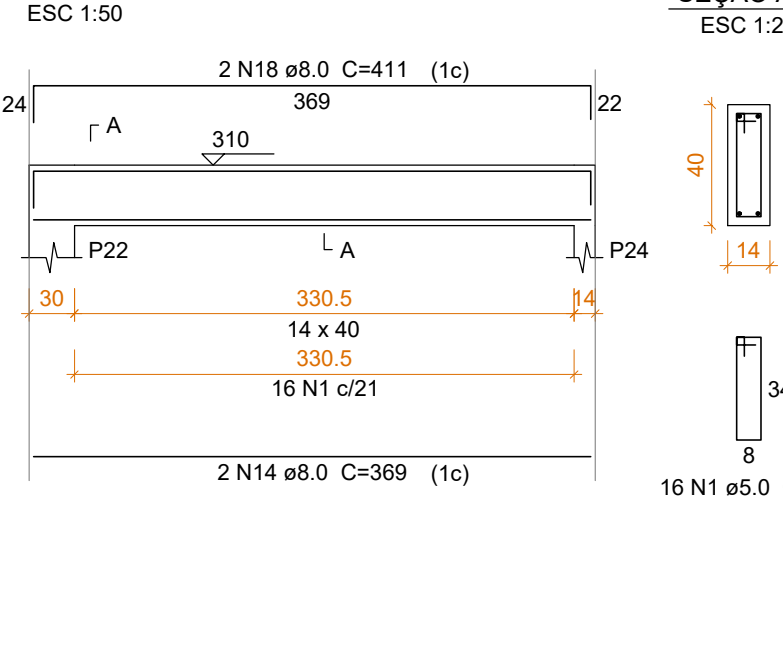
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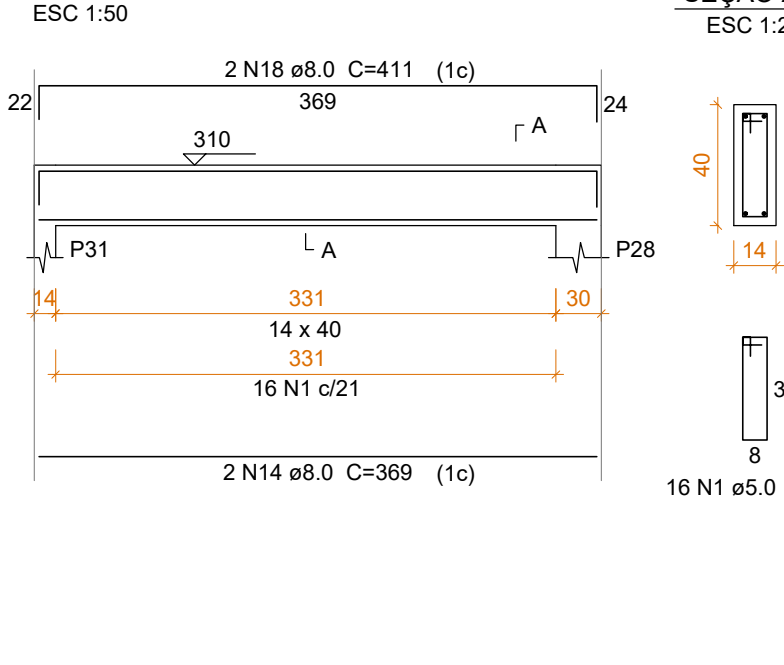
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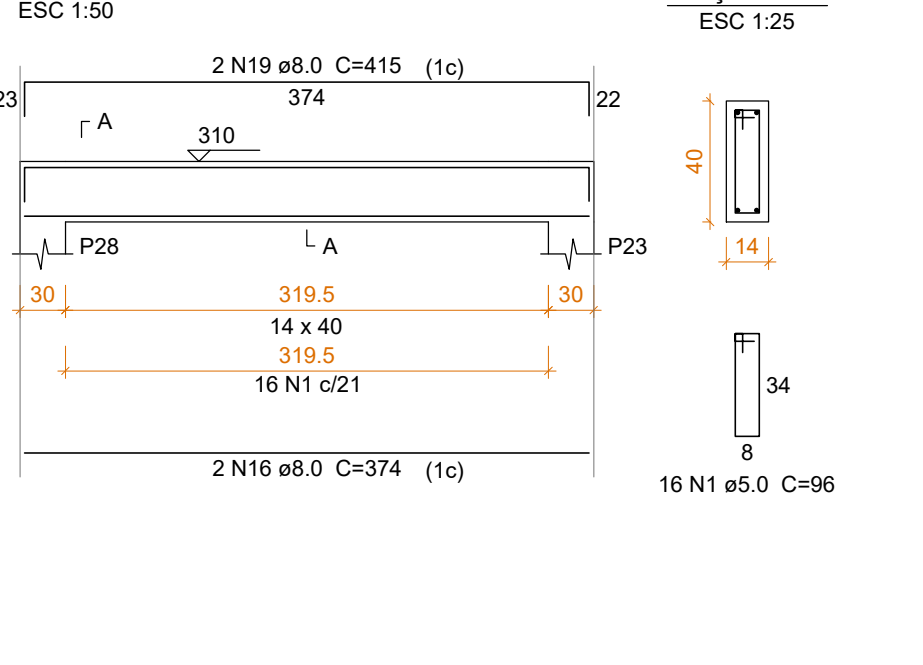
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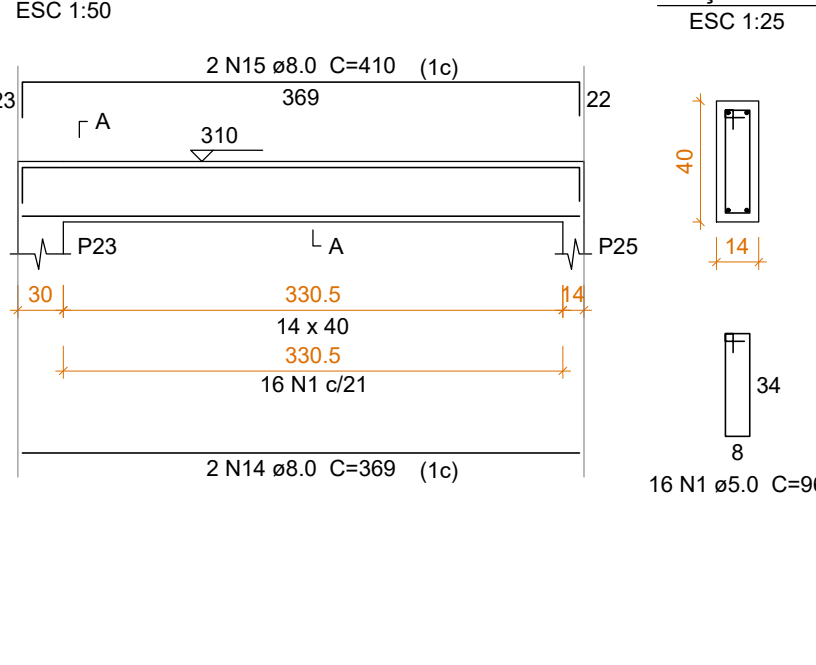
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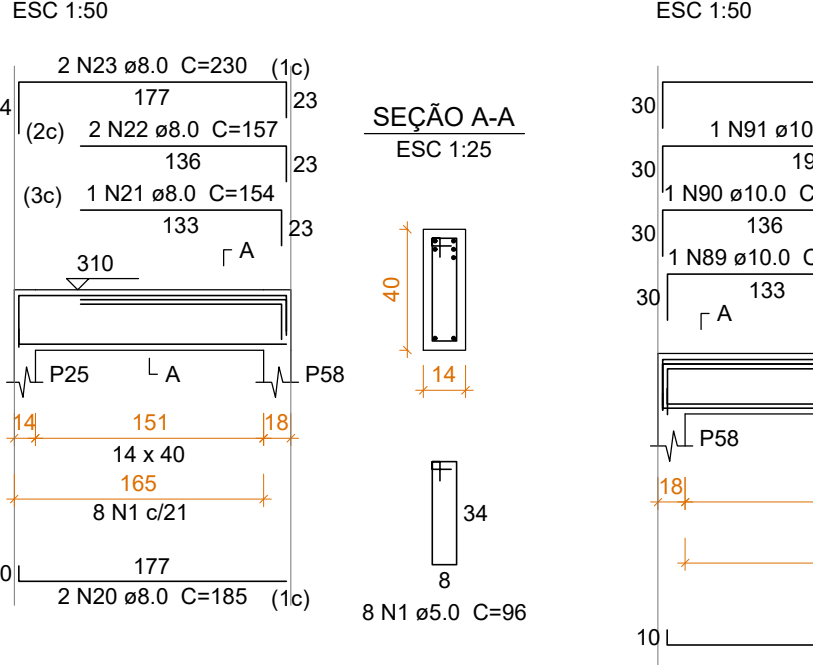
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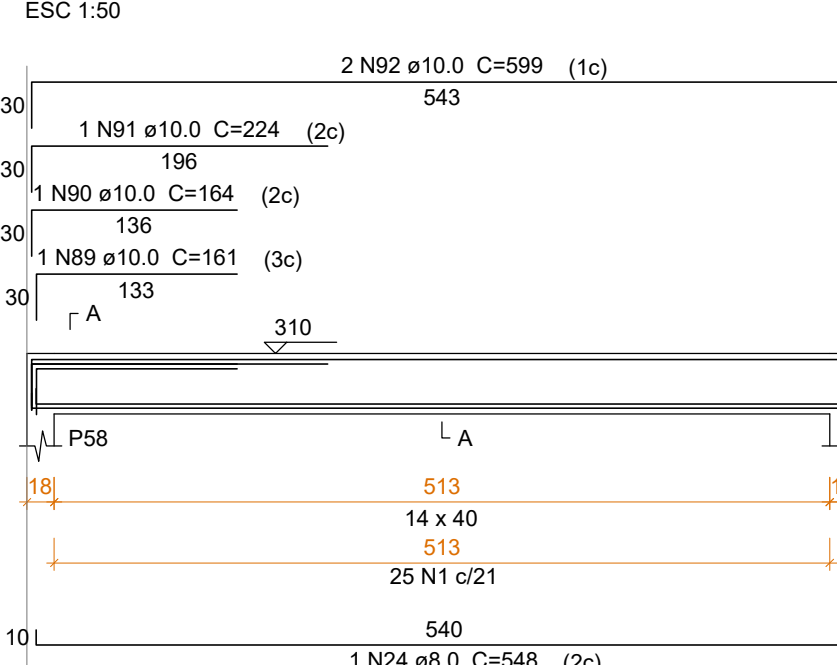
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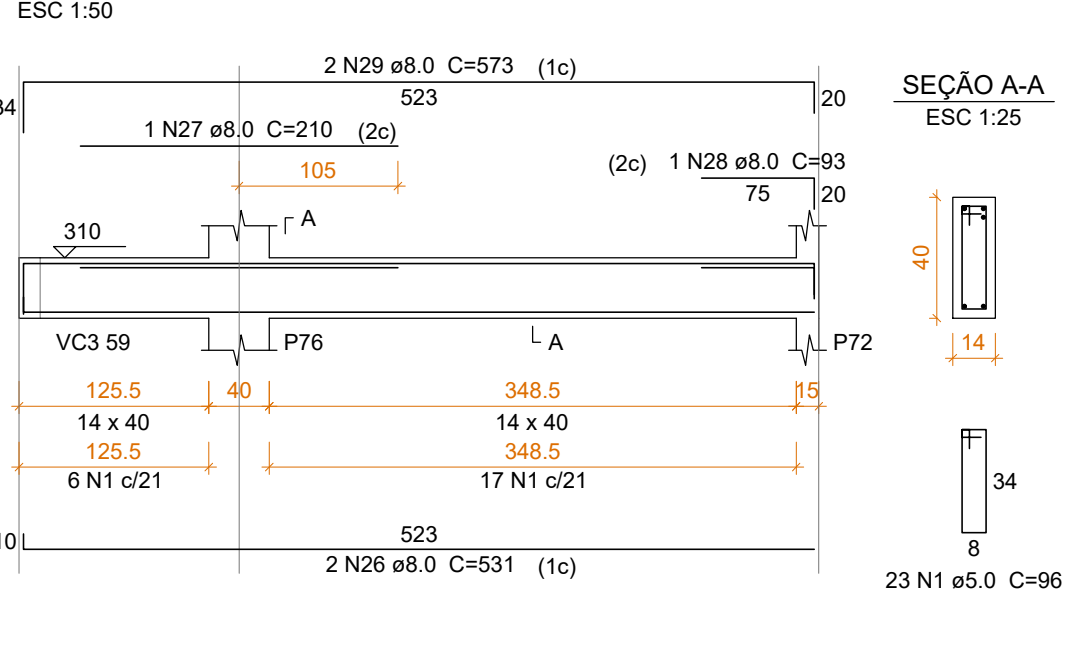
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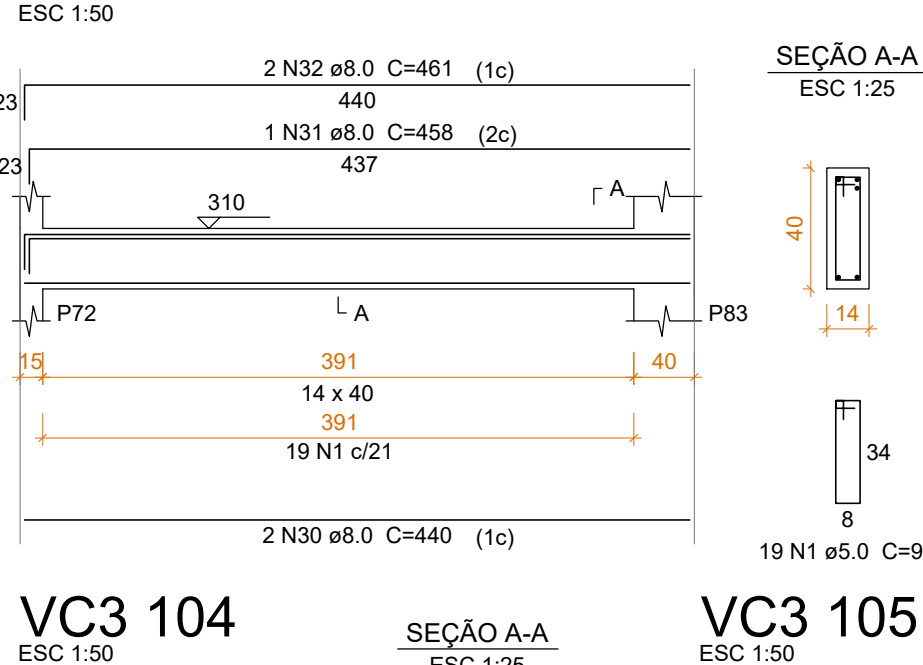
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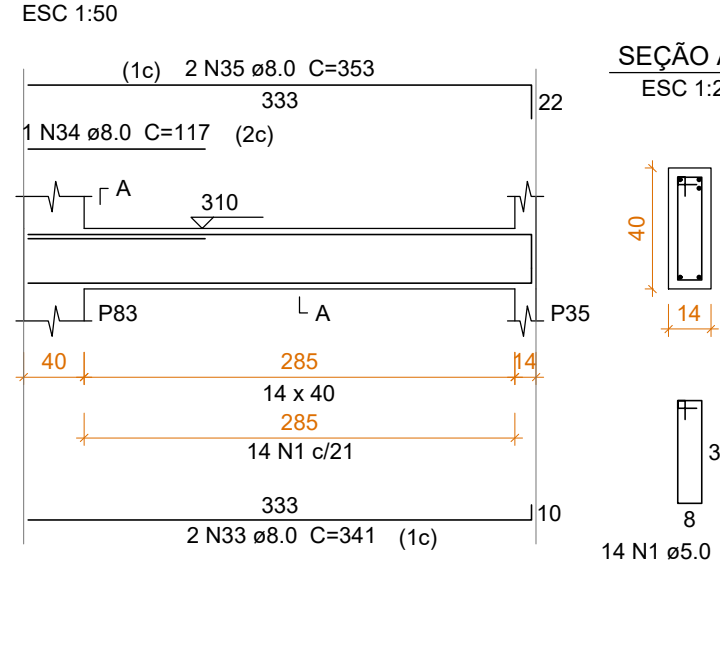
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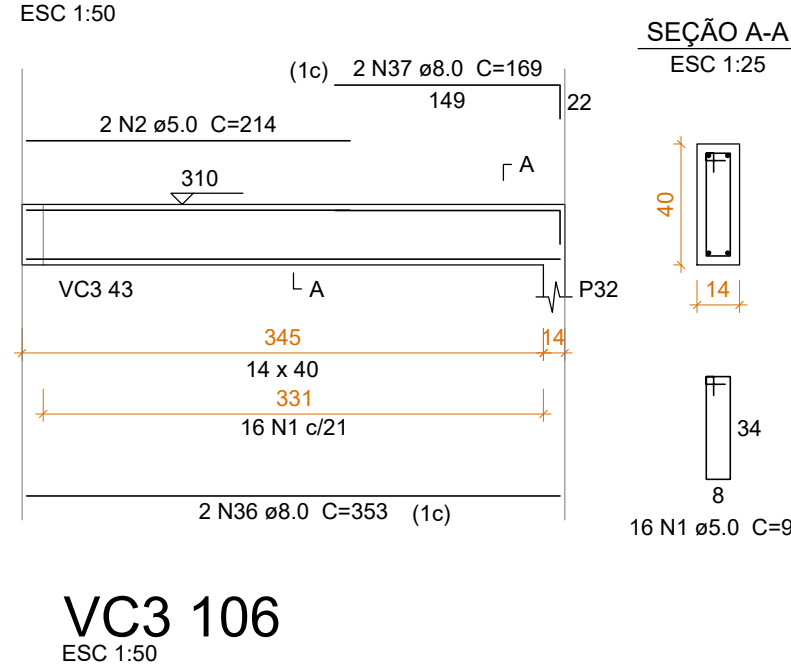
VC3 98



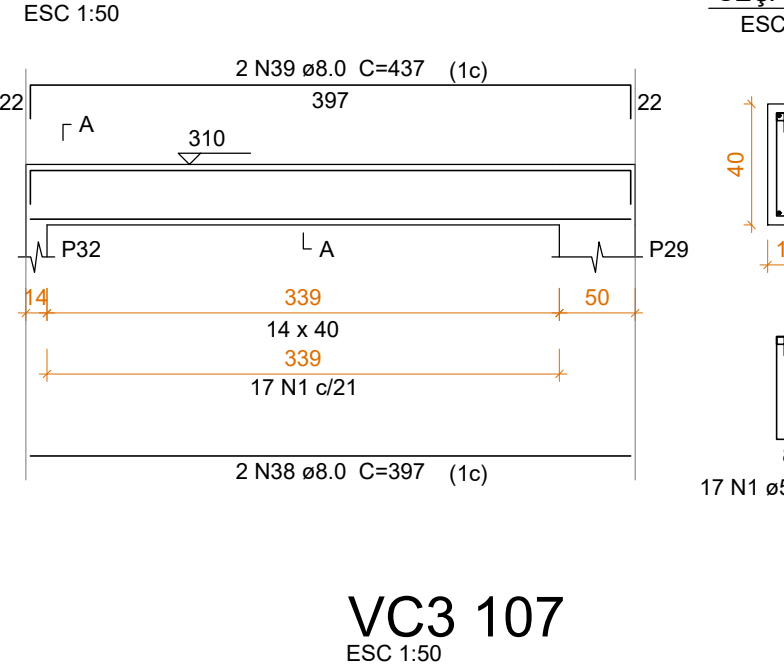
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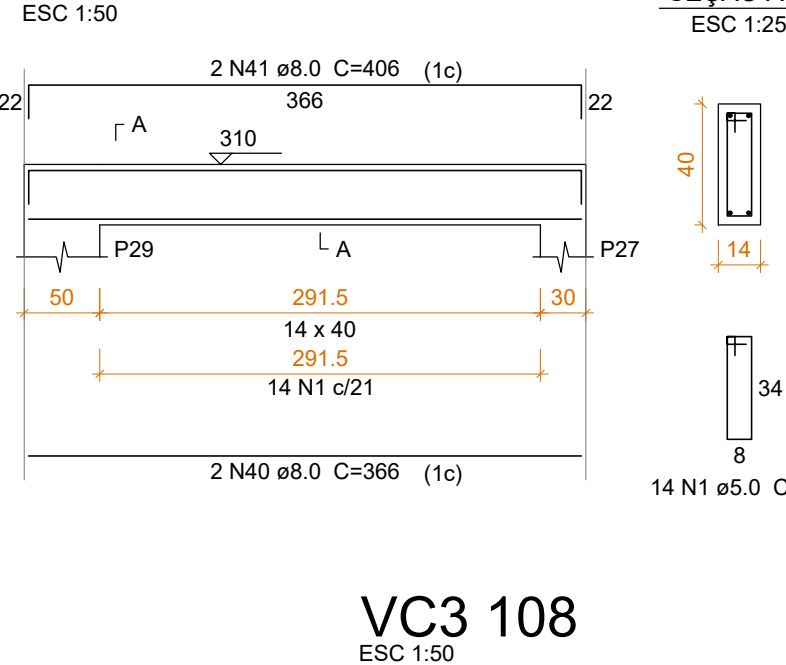
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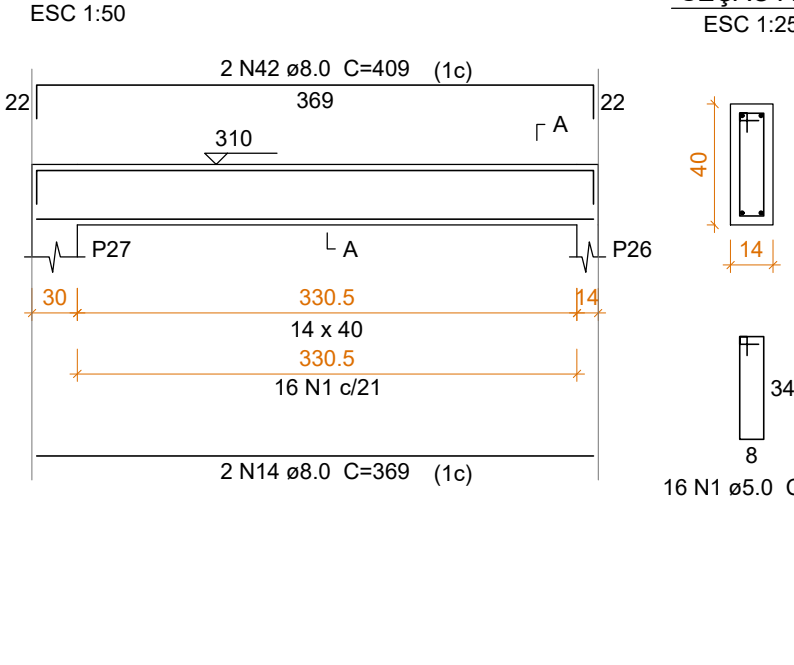
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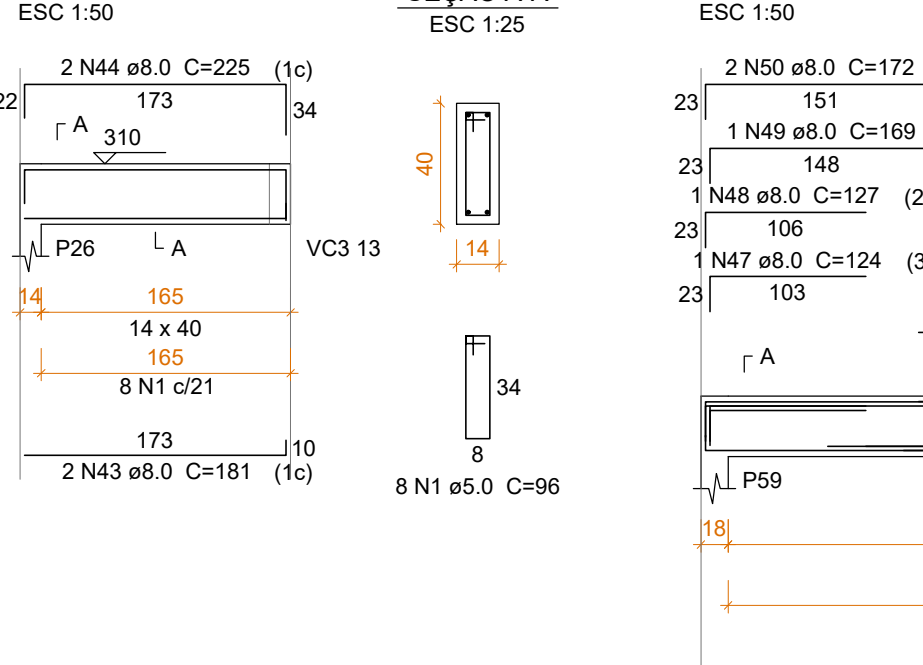
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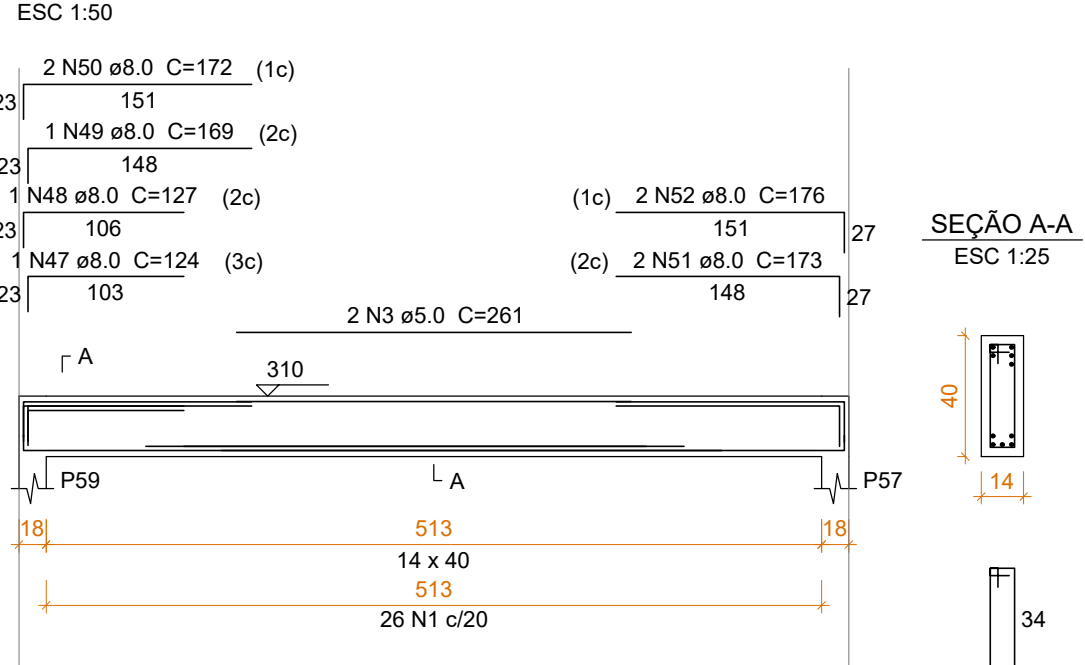
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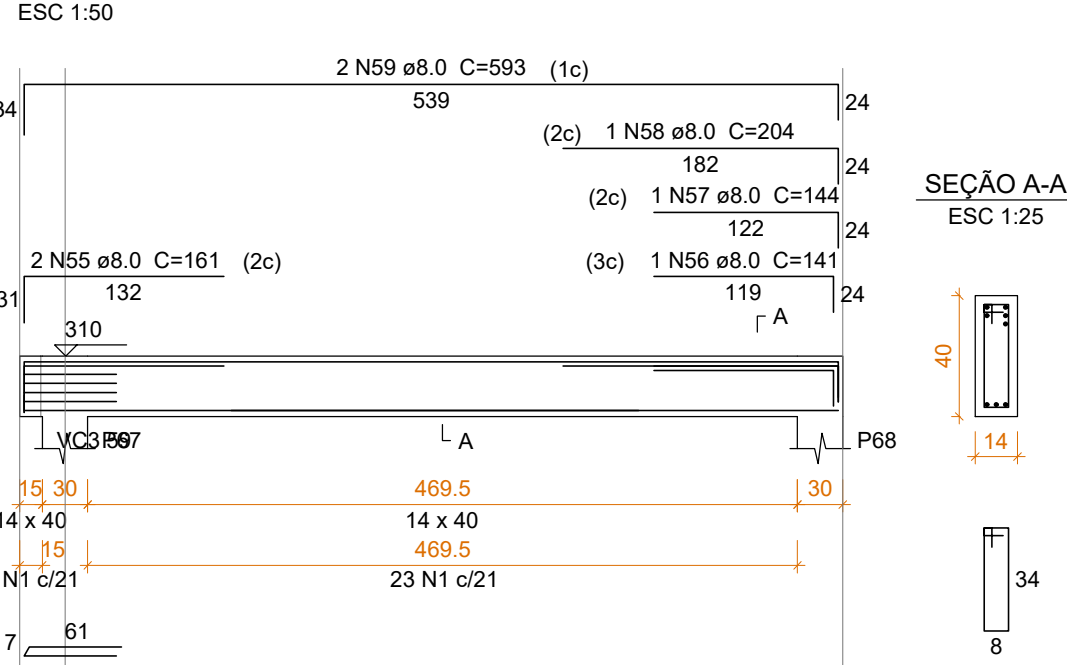
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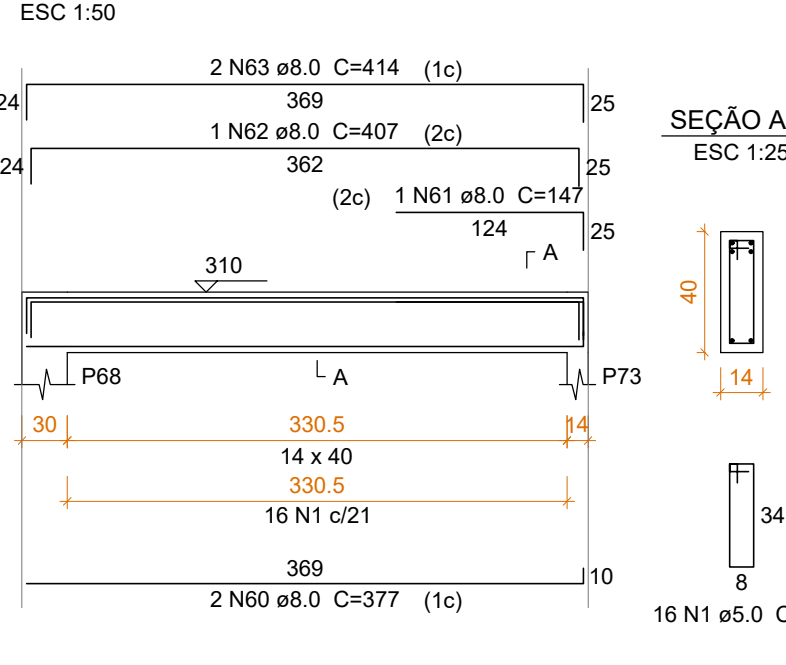
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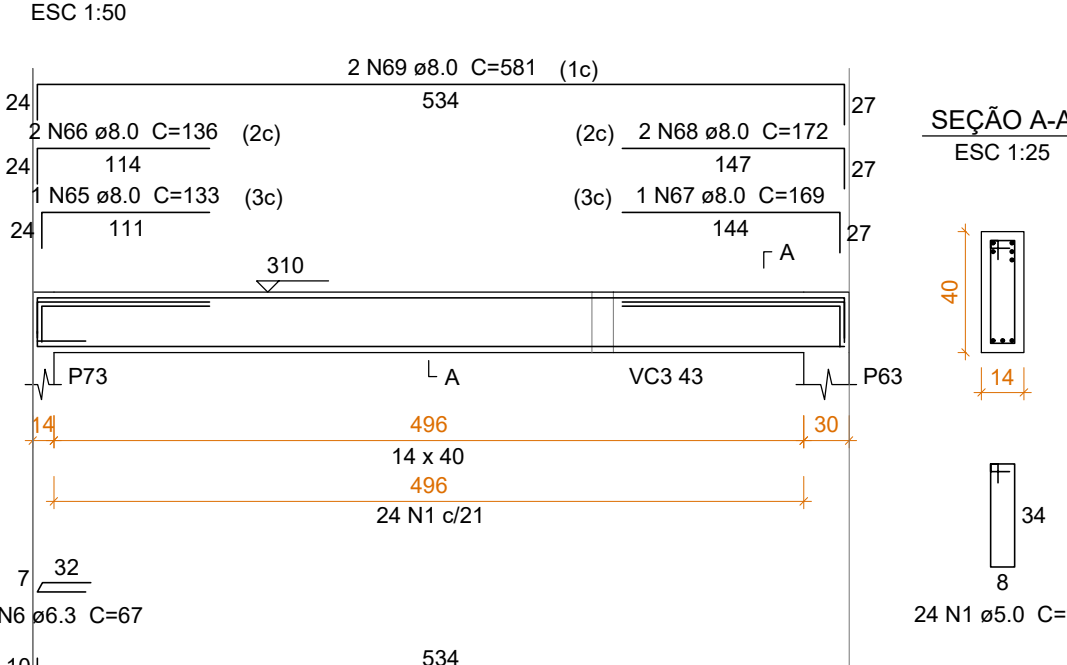
VC3 106



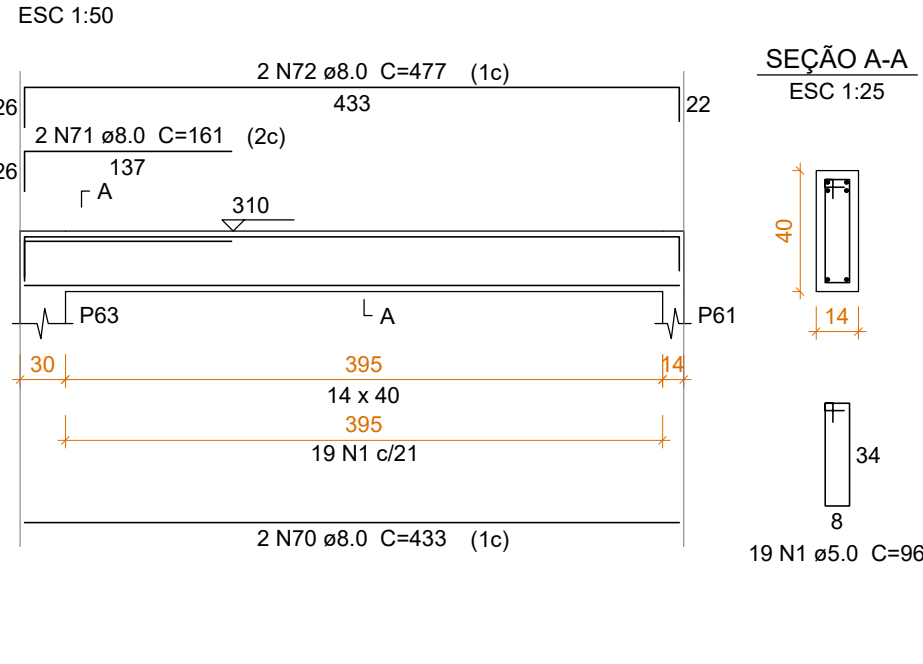
VC3 107



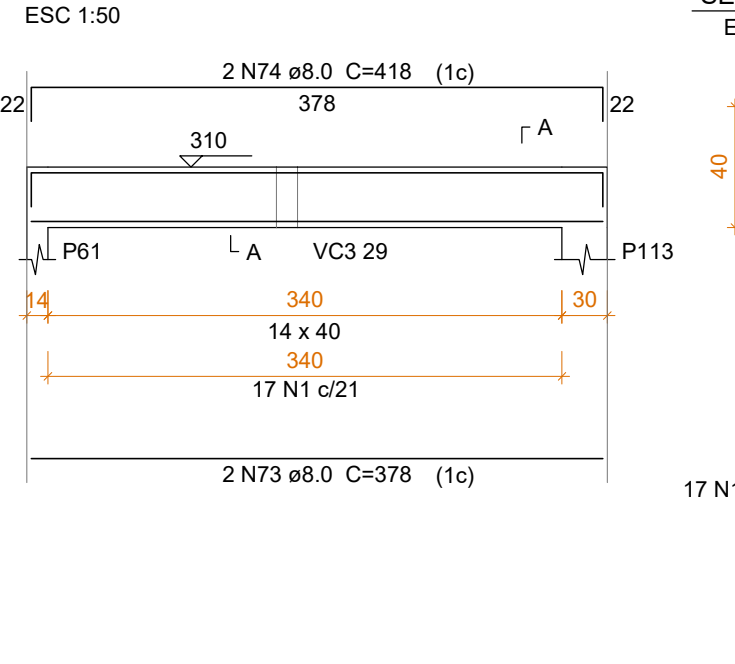
VC3 108



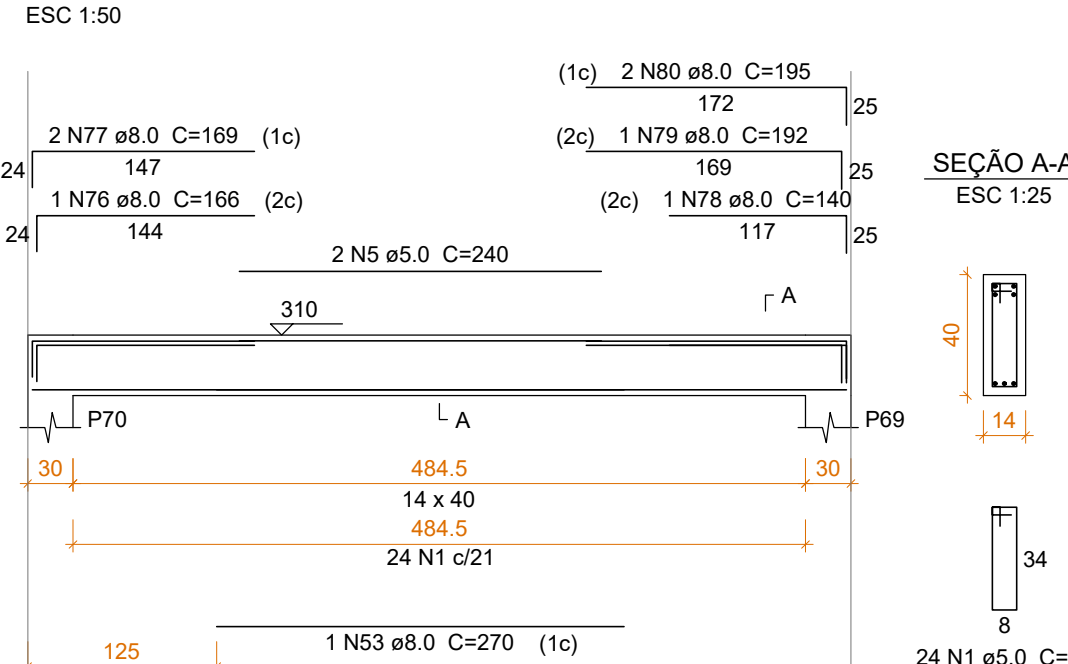
VC3 109



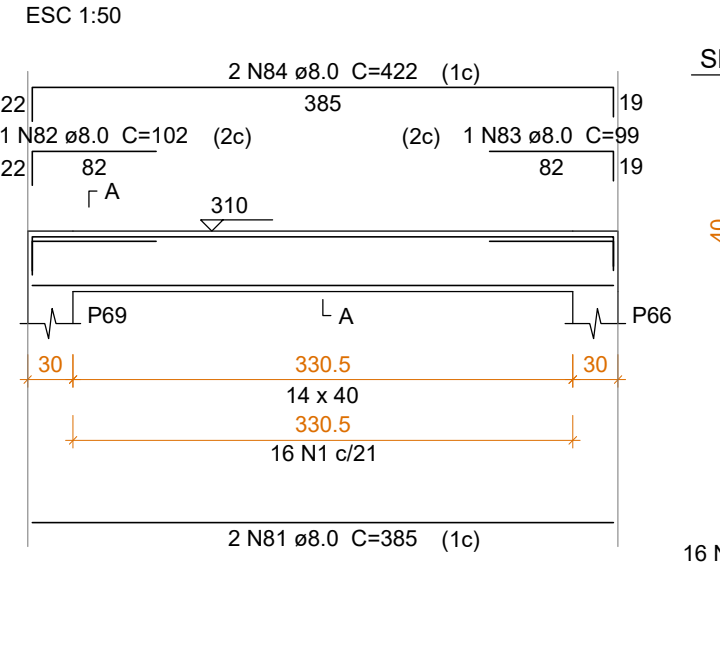
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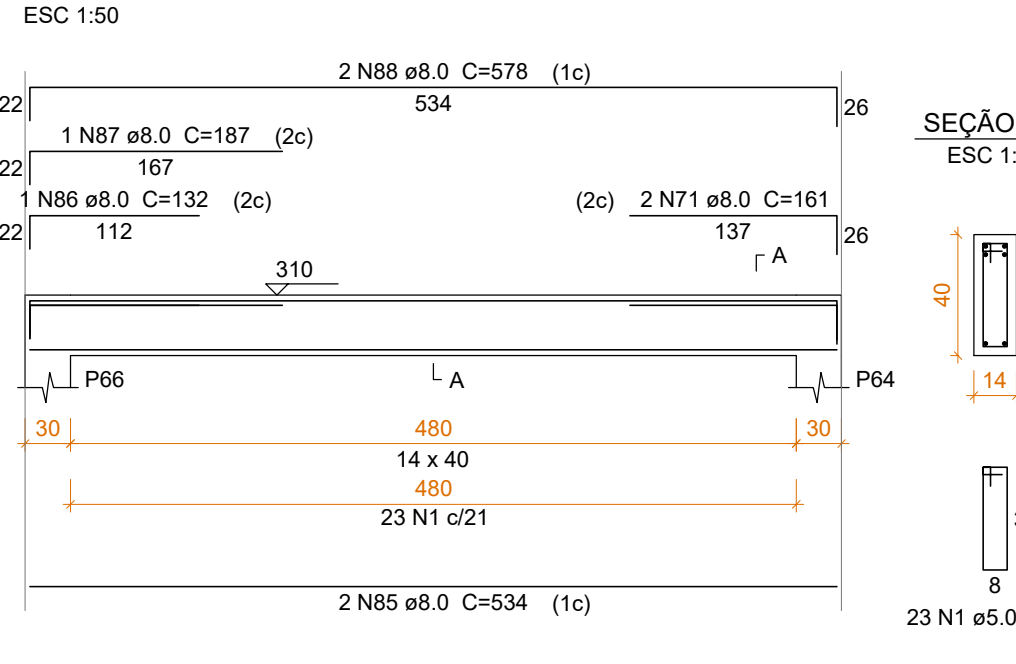
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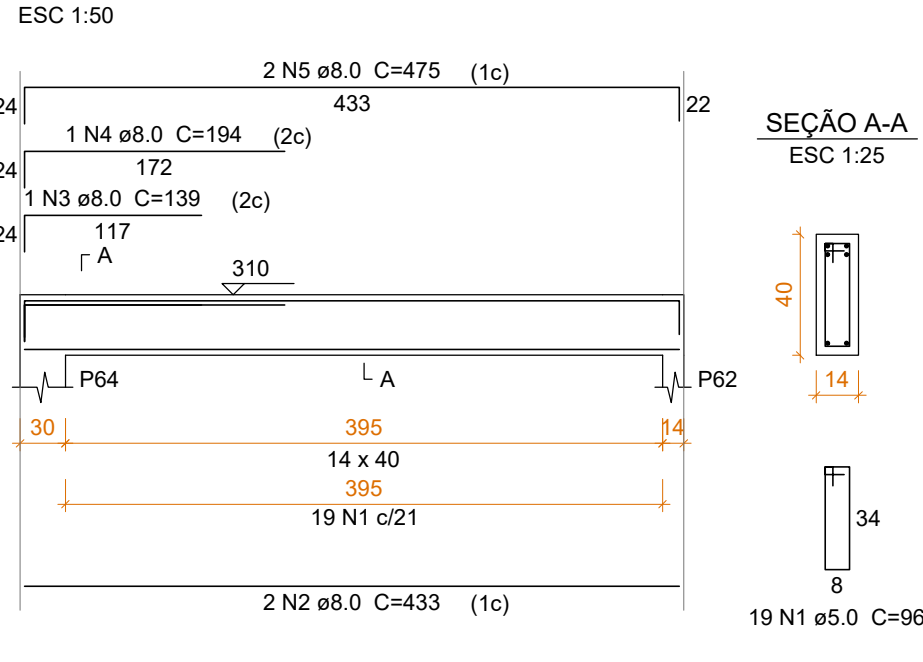
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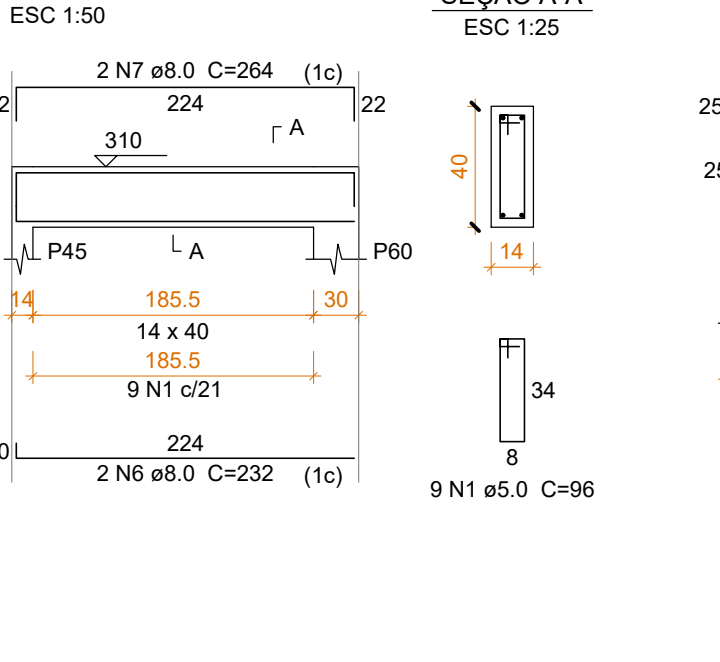
VC3 113



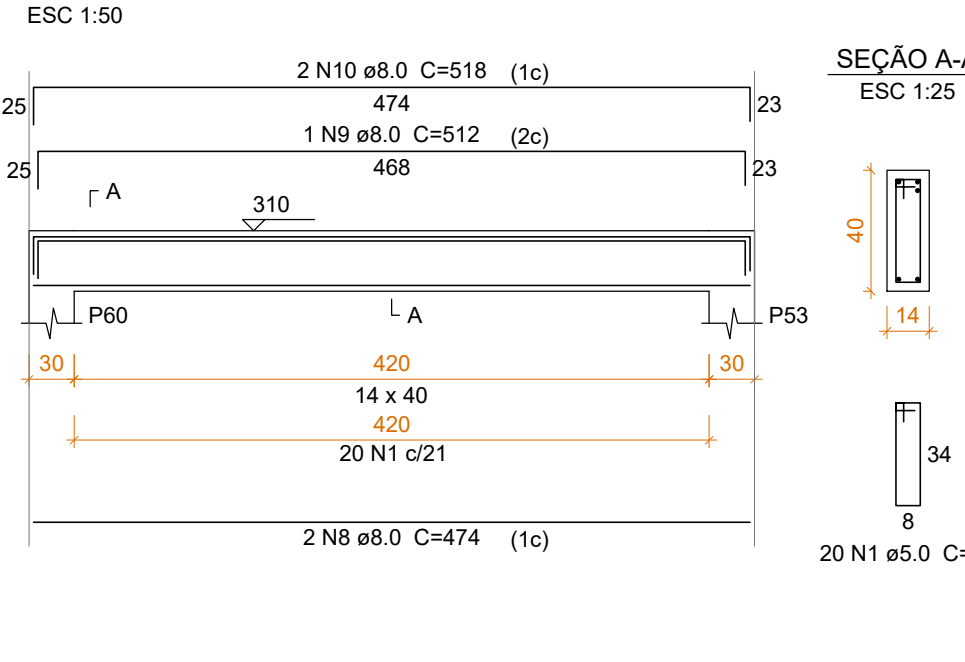
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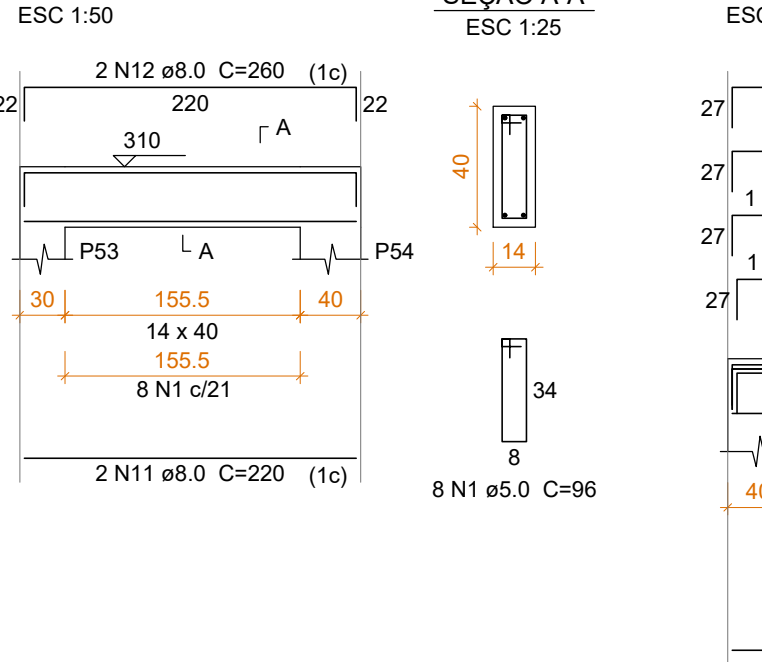
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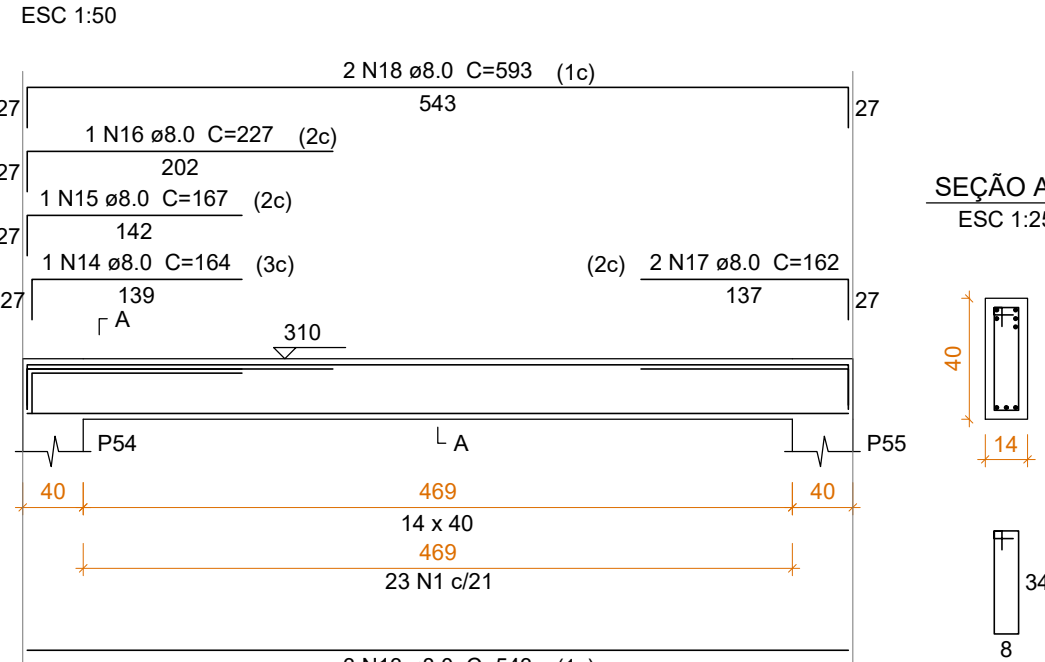
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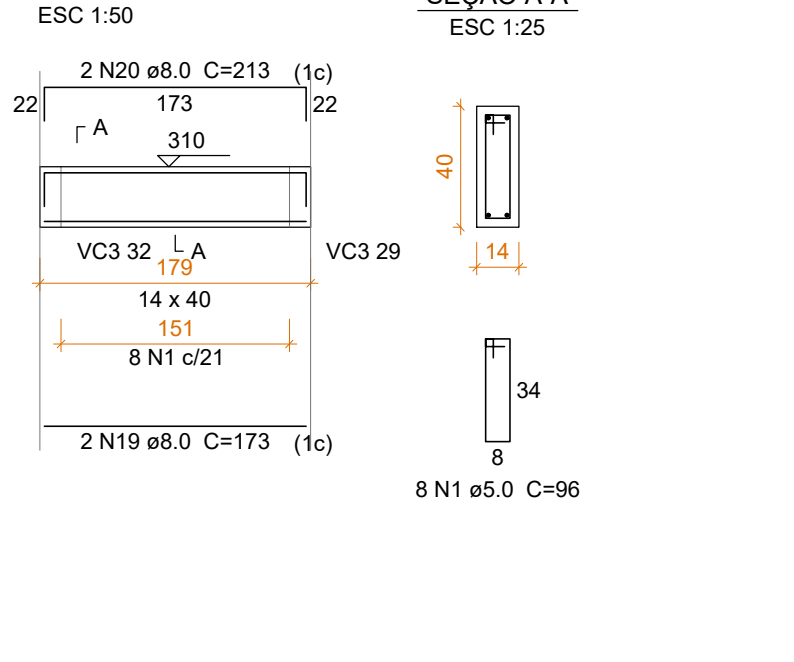
VC3 117



VC3 118



VC3 119



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	468	96	44928
	2	5.0	2	214	428
	3	5.0	2	261	522
	4	5.0	4	125	500
	5	5.0	2	240	480
	6	6.3	1	97	67
	7	8.0	3	543	1629
	8	8.0	2	163	326
	9	8.0	1	166	166
	10	8.0	1	162	324
	11	8.0	1	165	165
	12	8.0	1	584	584
	13	8.0	2	590	1180
	14	8.0	10	369	3690
	15	8.0	4	410	1640
	16	8.0	4	374	1496
	17	8.0	2	416	832
	18	8.0	4	411	1644
	19	8.0	2	415	830
	20	8.0	2	185	370
	21	8.0	1	154	154
	22	8.0	2	157	314
	23	8.0	2	230	460
	24	8.0	1	548	548
	25	8.0	1	551	1053
	26	8.0	2	531	1062
	27	8.0	1	210	210
	28	8.0	1	93	93
	29	8.0	2	573	1146
	30	8.0	2	440	880
	31	8.0	1	458	458
	32	8.0	2	461	922
	33	8.0	2	341	682
	34	8.0	1	117	117
	35	8.0	2	353	706
	36	8.0	2	353	706
	37	8.0	2	169	338
	38	8.0	2	397	794
	39	8.0	2	437	874
	40	8.0	2	369	732
	41	8.0	2	406	812
	42	8.0	2	409	818
	43	8.0	2	181	362
	44	8.0	2	225	450
	45	8.0	3	331	993
	46	8.0	2	539	1118
	47	8.0	1	124	124
	48	8.0	1	127	127
	49	8.0	1	169	169
	50	8.0	2	172	344
	51	8.0	2	173	346
	52	8.0	2	176	352
	53	8.0	2	270	540
	54	8.0	2	547	1094
	55	8.0	2	161	322
	56	8.0	2	141	282
	57	8.0	1	144	144
	58	8.0	1	204	204
	59	8.0	2	593	1186
	60	8.0	2	377	754
	61	8.0	1	147	147
	62	8.0	1	407	407
	63	8.0	2	414	828
	64	8.0	3	542	1626
	65	8.0	1	133	133
	66	8.0	2	136	272
	67	8.0	1	169	169
	68	8.0	2	172	344
	69	8.0	2	581	1162
	70	8.0	2	433	866
	71	8.0	4	161	644
	72	8.0	2	477	954
	73	8.0	2	378	756
	74	8.0	2	418	836
	75	8.0	2	539	1078
	76	8.0	1	166	166
	77	8.0	2	169	338
	78	8.0	1	140	140
	79	8.0	1	192	192
	80	8.0	2	195	390
	81	8.0	2	385	770
	82	8.0	1	102	102
	83	8.0	1	99	99
	84	8.0	2	422	844
	85	8.0	2	534	1068
	86	8.0	1	132	132
	87	8.0	1	187	187
	88	8.0	2	578	1156
	89	10.0	1	161	161
	90	10.0	1	164	164
	91	10.0	1	224	224
	92	10.0	2	599	1198

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	0.7	0.2
CA60	8.0	539.4	212.8
	10.0	17.5	10.8
	5.0	468.6	72.2

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	0.7	0.2
CA60	8.0	539.4	212.8
	10.0	17.5	10.8
	5.0	468.6	72.2

PESO TOTAL (kg)

CA50 223.7

CA60 72.2

Volume de concreto (C-30) = 6.07 m³

Área de forma = 101.95 m²

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	87	96	8352
CA50	2	8.0	2	433	866
	3	8.0	1	139	139
	4	8.0	1	194	194
	5	8.0	2	475	950
	6	8.0	2	232	464
	7	8.0	2	264	528
	8	8.0	2	474	948
	9	8.0	1	512	512
	10	8.0	2	518	1036
	11	8.0	2	220	440
	12	8.0	2	260	520
	13	8.0	3	543	1629
	14	8.0	1	164	164
	15	8.0	1	167	167
	16	8.0	1	227	227
	17	8.0	2	162	324
	18	8.0	2	173	346
	19	8.0	2	173	346
	20	8.0	2	213	426

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	110.7	43.7
CA60	5.0	83.6	12.9

PESO TOTAL (kg)

CA50 43.7

CA60 12.9

Volume de concreto (C-30) = 1.18 m³

Área de forma = 19.76 m²

ARMAÇÃO VIGAS - COBERTURA NIVEL 310

ESCALA 1:50

1	Emissão Inicial	11/2018	ES
REVISÃO	DESCRIÇÃO	DATA	RESPONSÁVEL
Associação dos Municípios da Região da Foz do Rio Itajaí Rua Luiz Lopes Gonzaga, 1655 - Bairro São Vicente - CEP 88309-421 - Itajaí-SC - CREA-SC 050.968-0 www.amfri.org.br amfri@amfri.org.br engenharis@amfri.org.br			
Prefeitura Municipal de Itajaí Estado de Santa Catarina			
UNIDADE BÁSICA DE SAÚDE RIO BONITO Rua Arq. Nilson Edson dos Santos - São Vicente			
Data	Projeto	Conteúdo da Folha	
11/2018	PROJETO ESTRUTURAL	Vigas Nível 310 - Prancha de vigas 04/04	
Escala	Indicada		
Desenho	Prefeitura Municipal	Responsável Técnico	
Enio Sampaio			
Folha	14/20	Emerson Roberto Duarte Secretário Municipal de Saúde	
		Ralf Nordt Engenheiro Civil - CREA/SC - 018759-8	