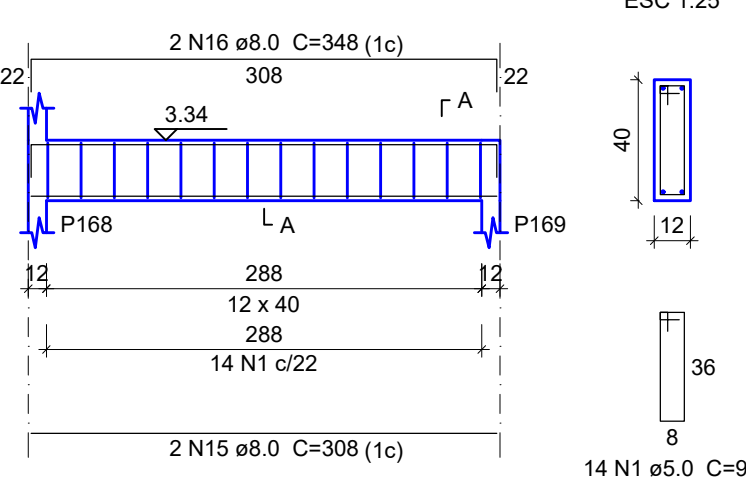
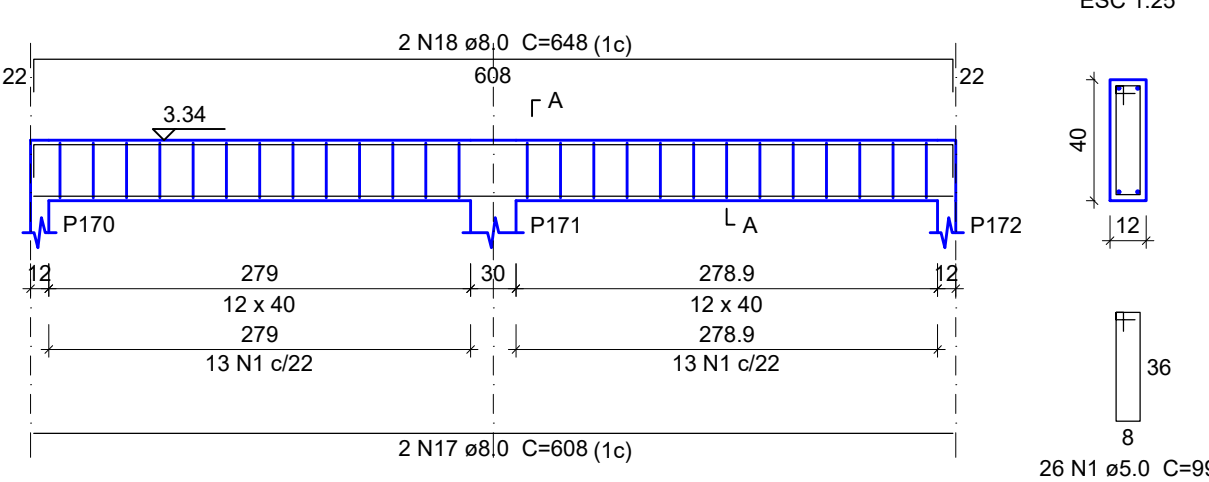


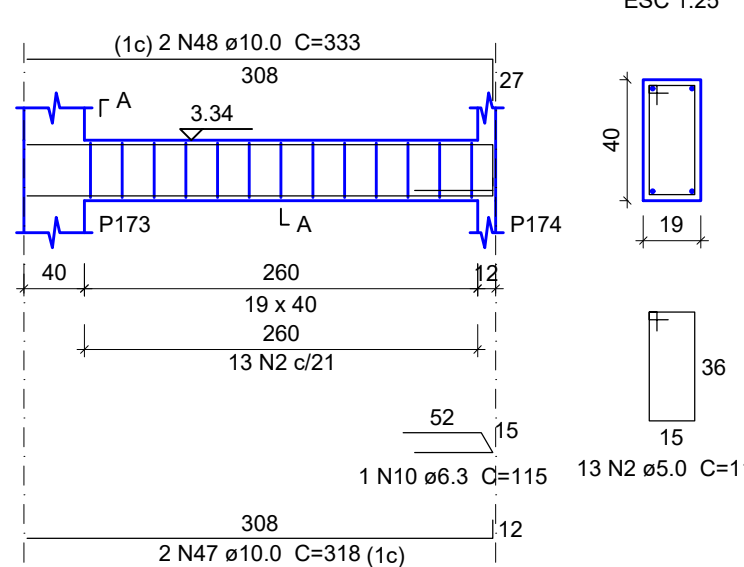
VC73



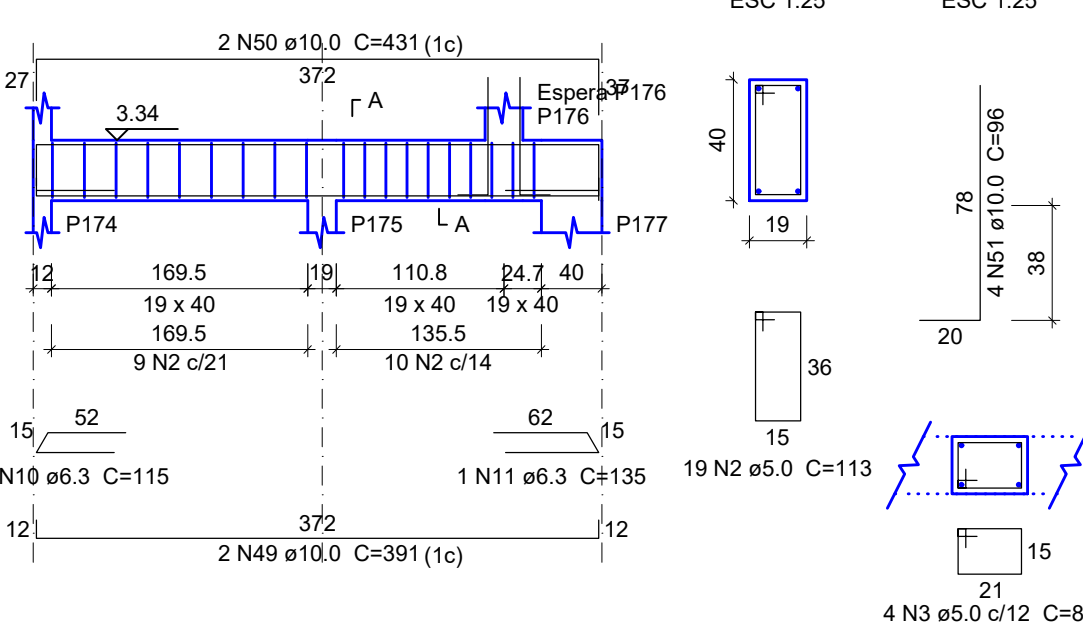
VC74



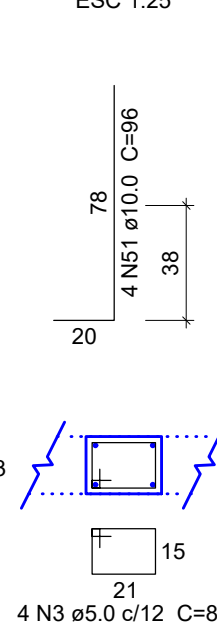
VC75



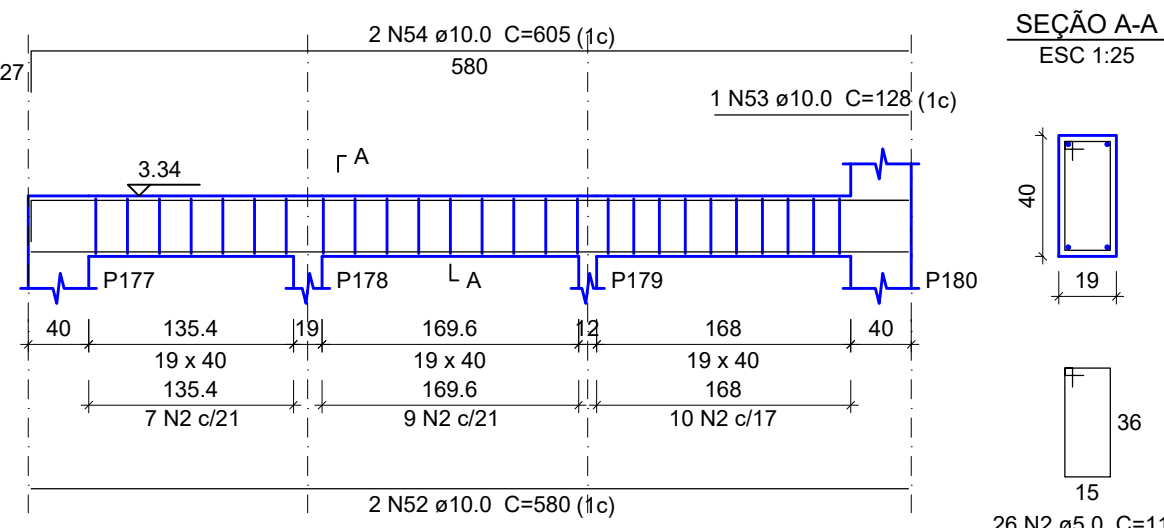
VC76



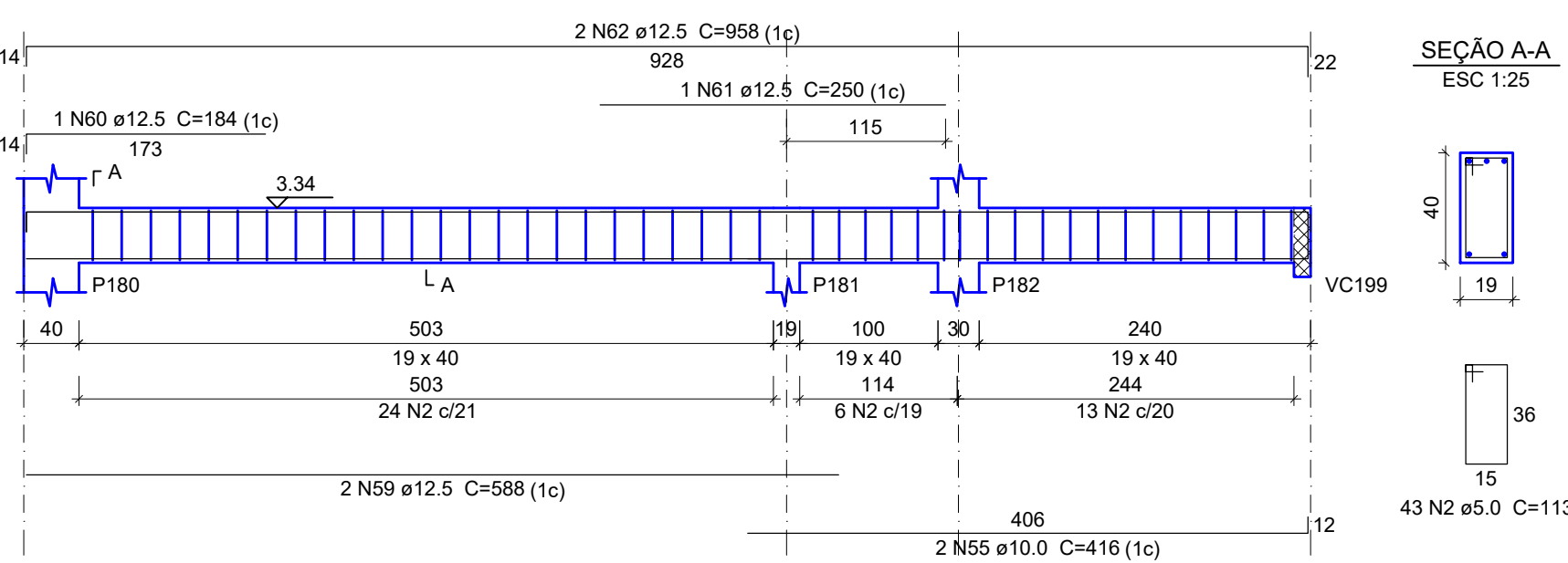
ESPERA P176



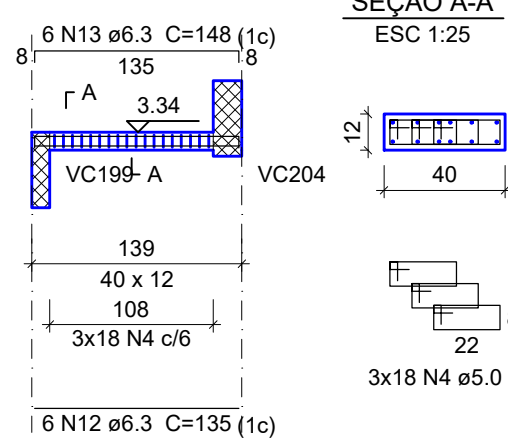
VC77



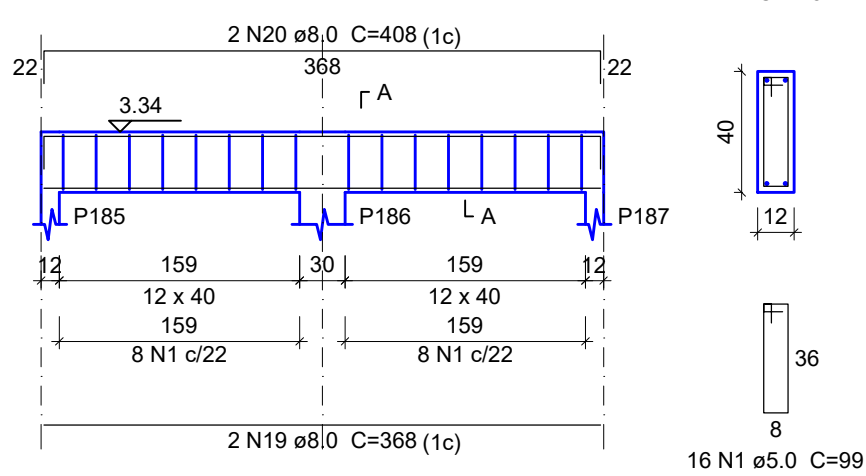
VC78



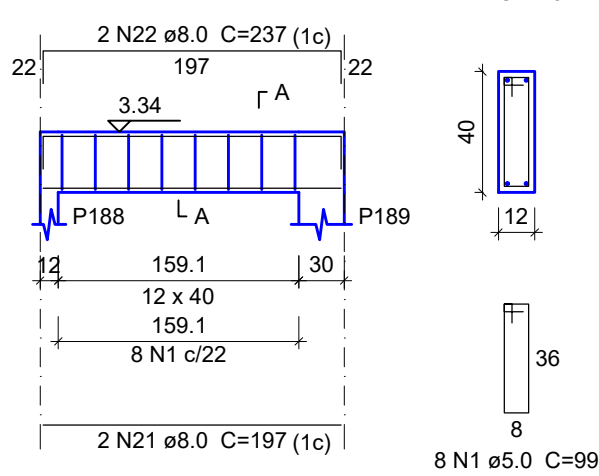
VC79



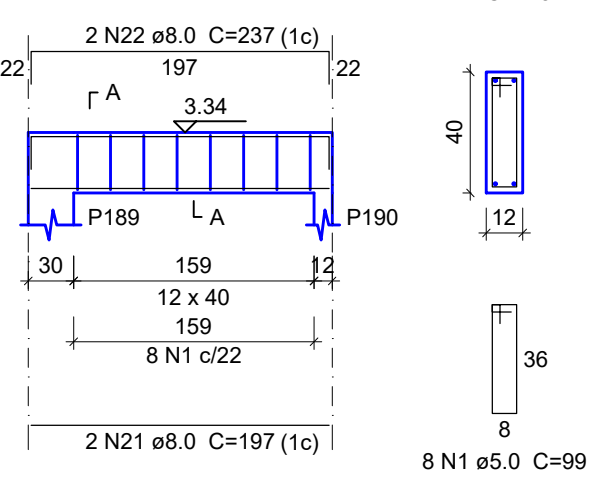
VC80



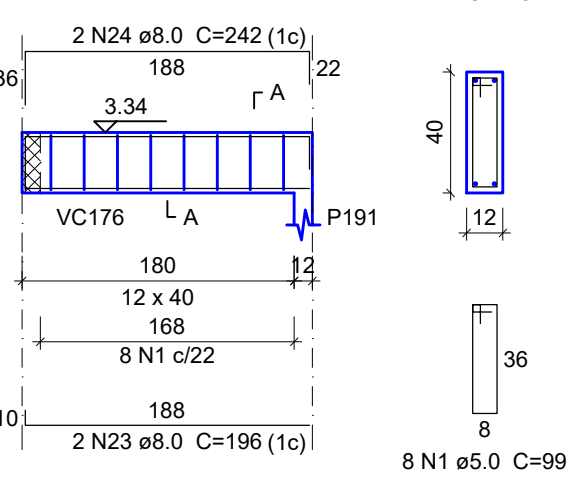
VC81



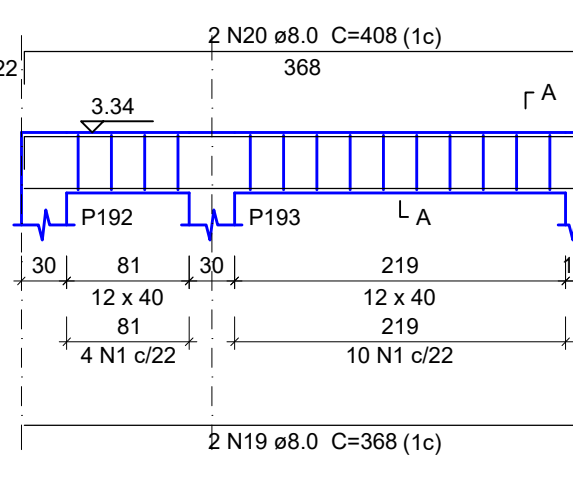
VC82



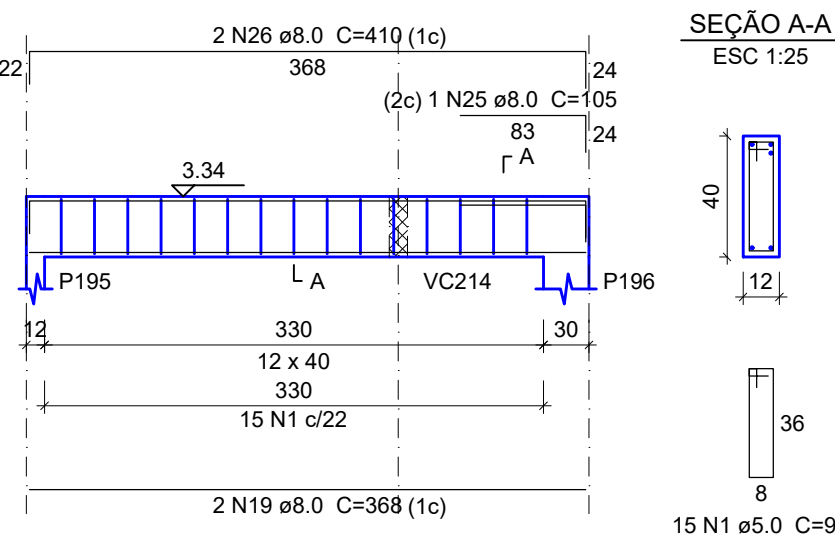
VC83



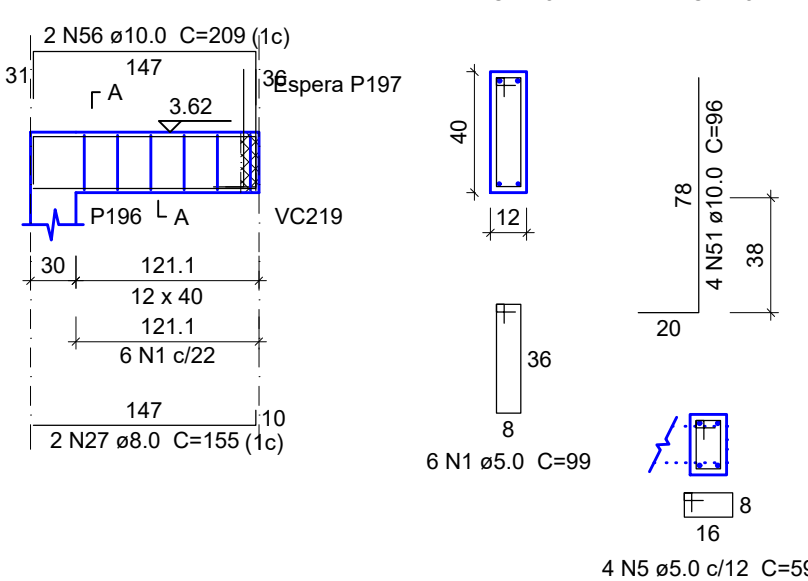
VC84



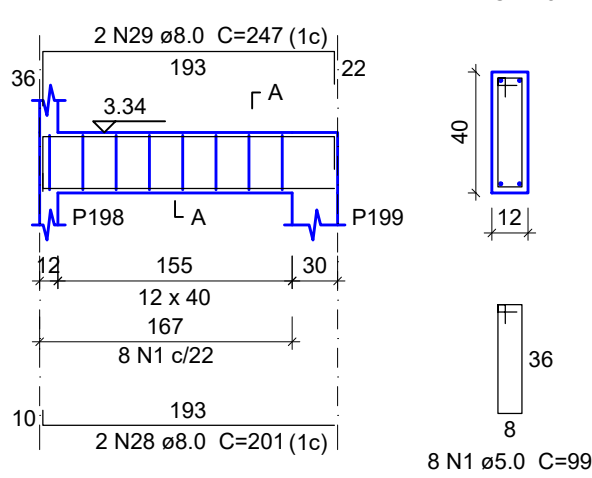
VC85



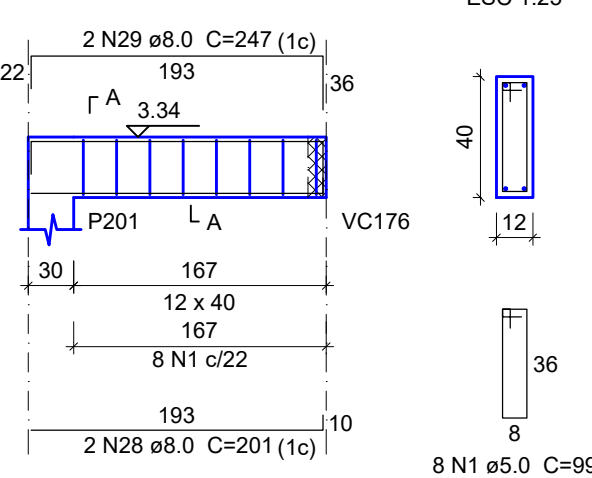
VC86



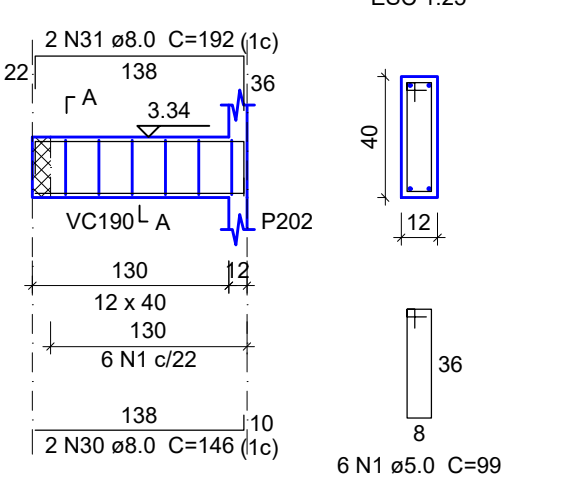
VC87



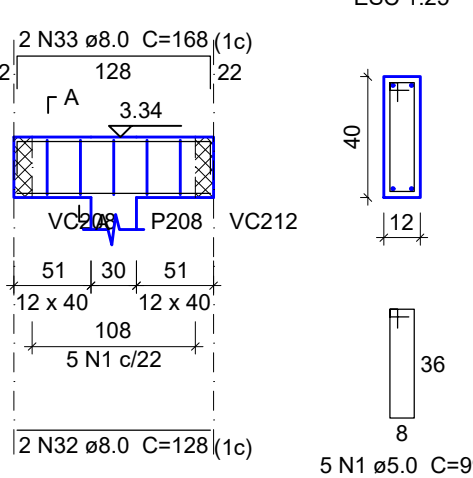
VC88



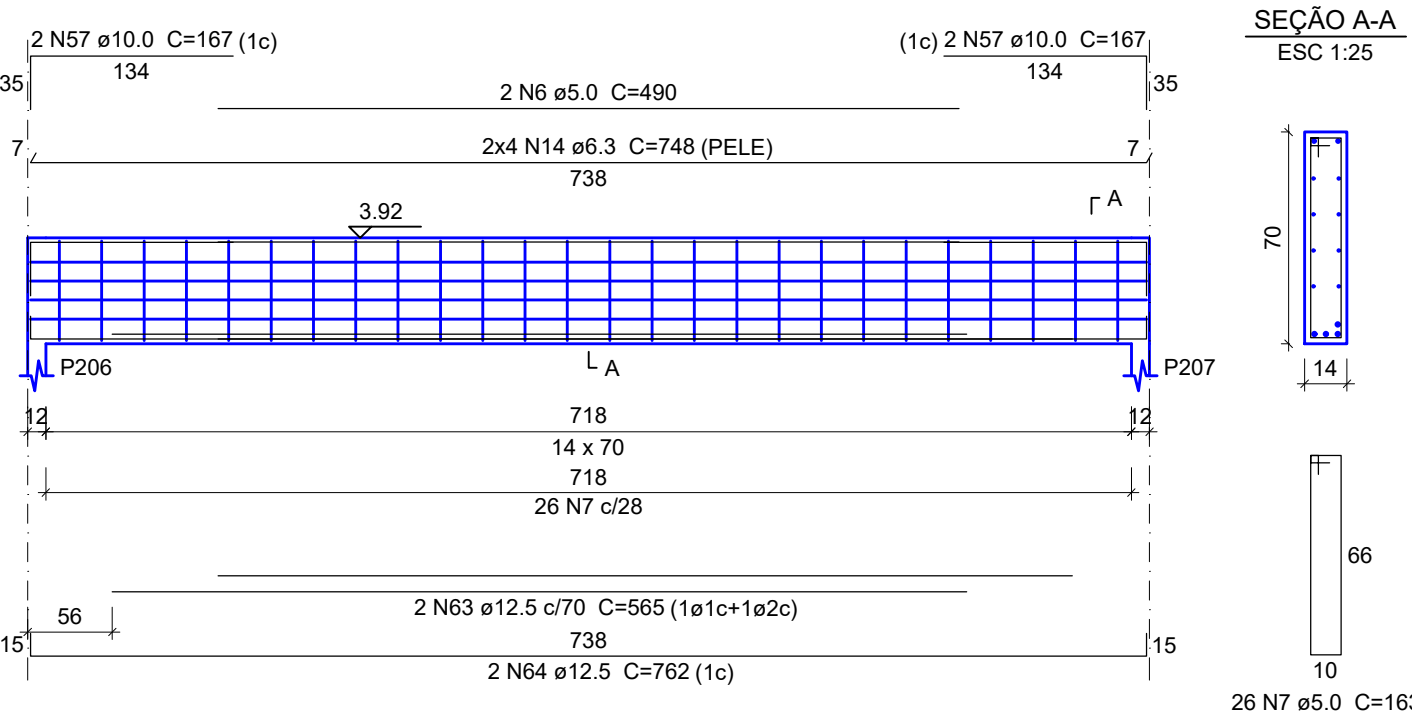
VC89



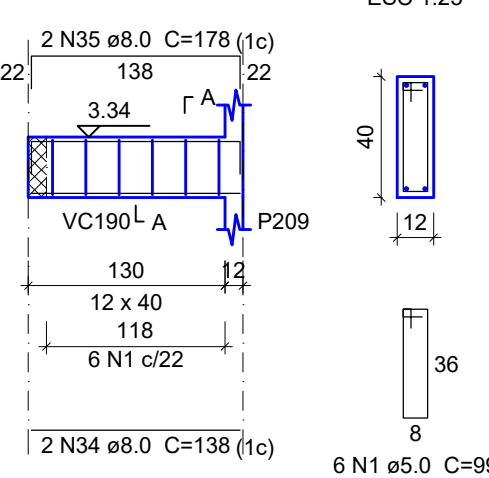
VC90



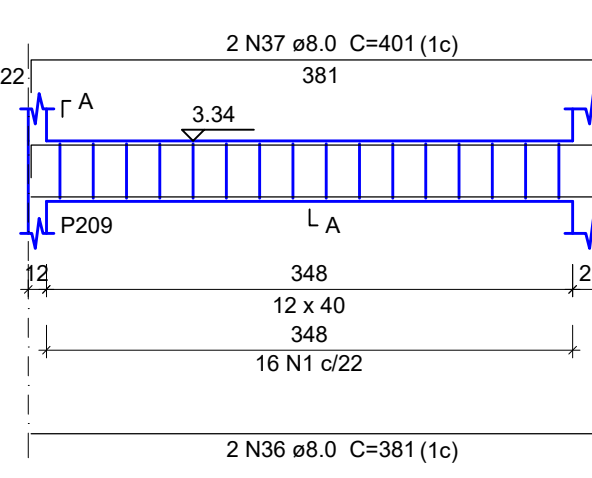
VC91



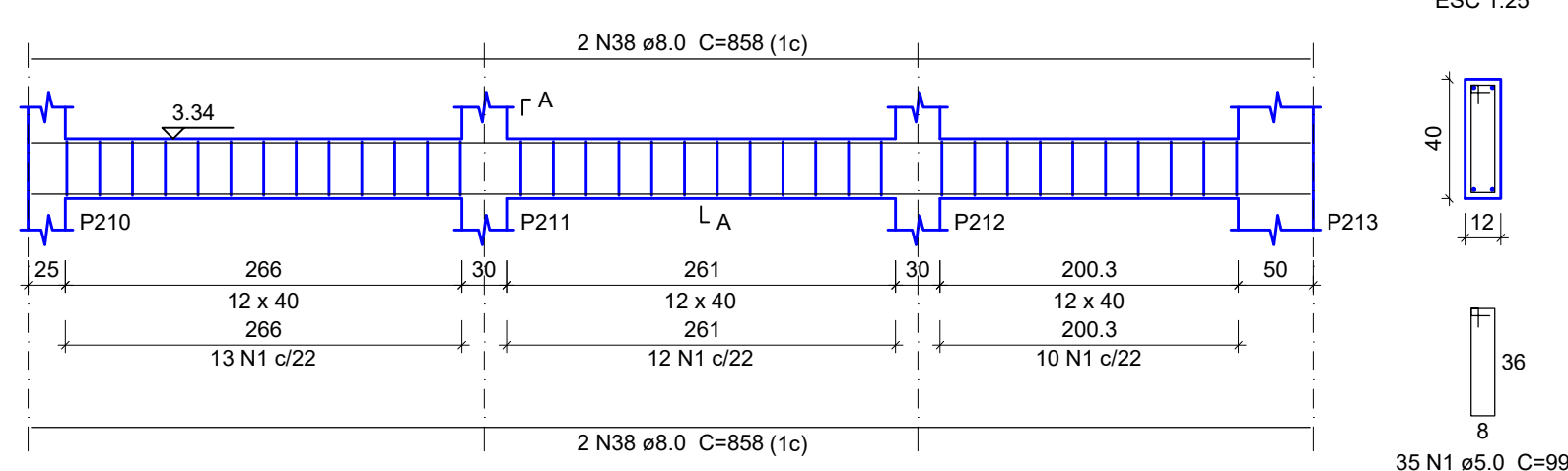
VC92



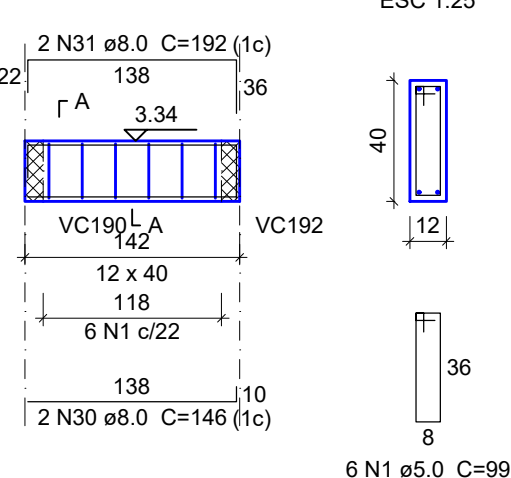
VC93



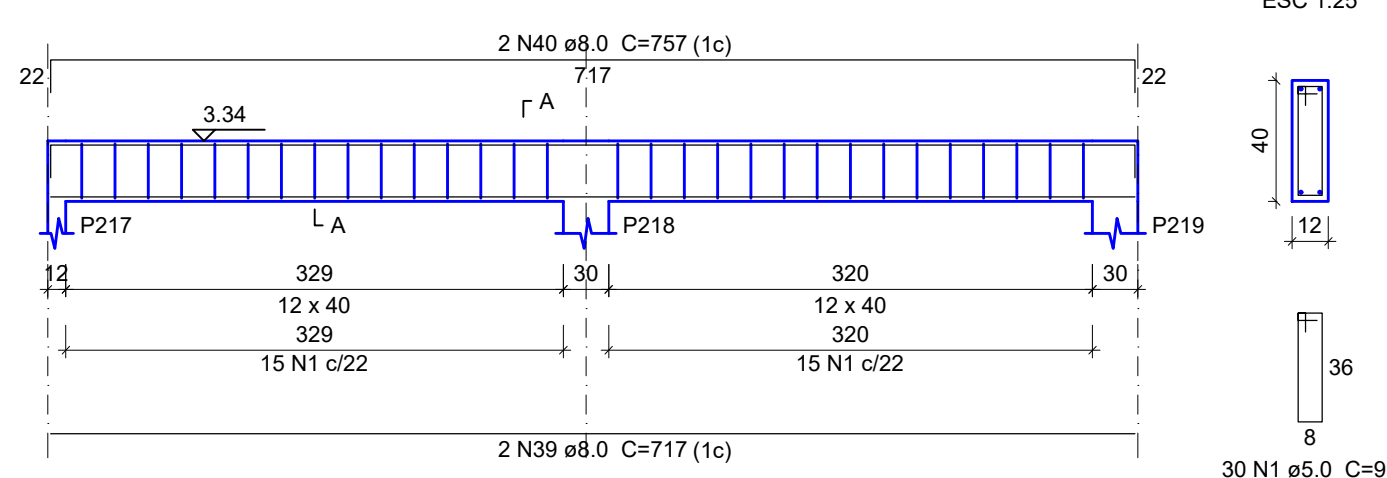
VC94



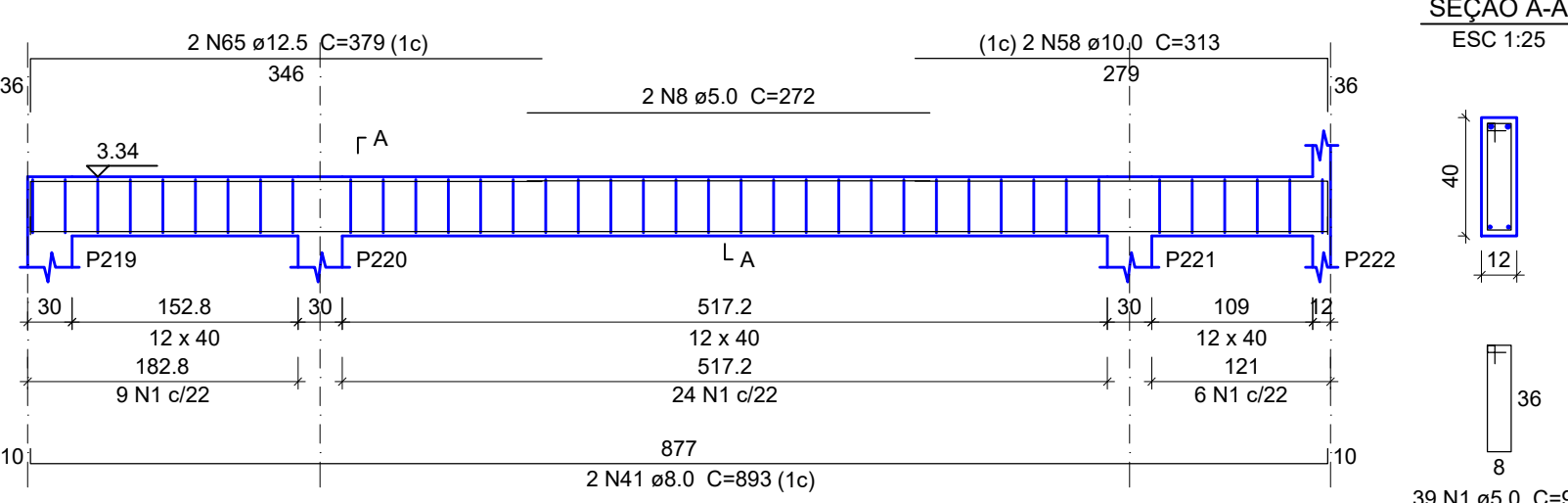
VC95



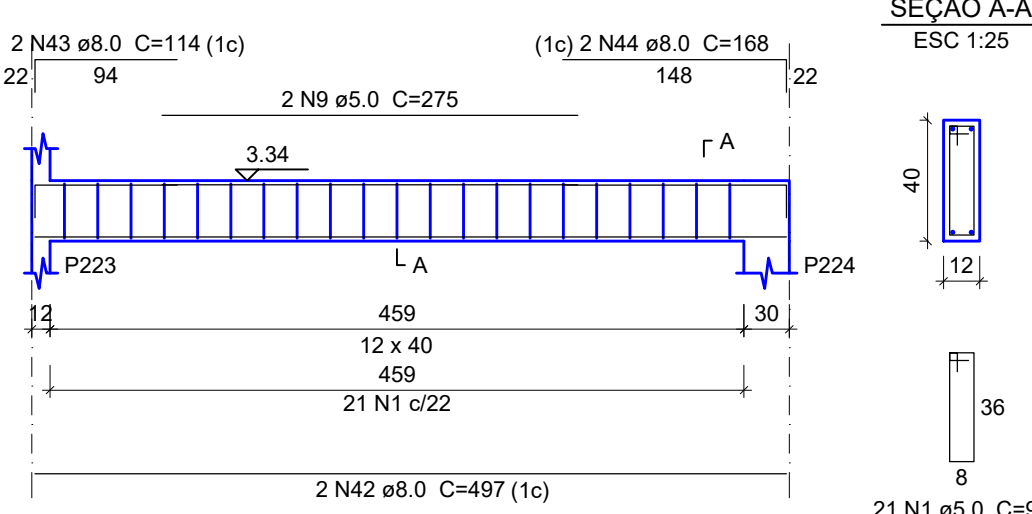
VC96



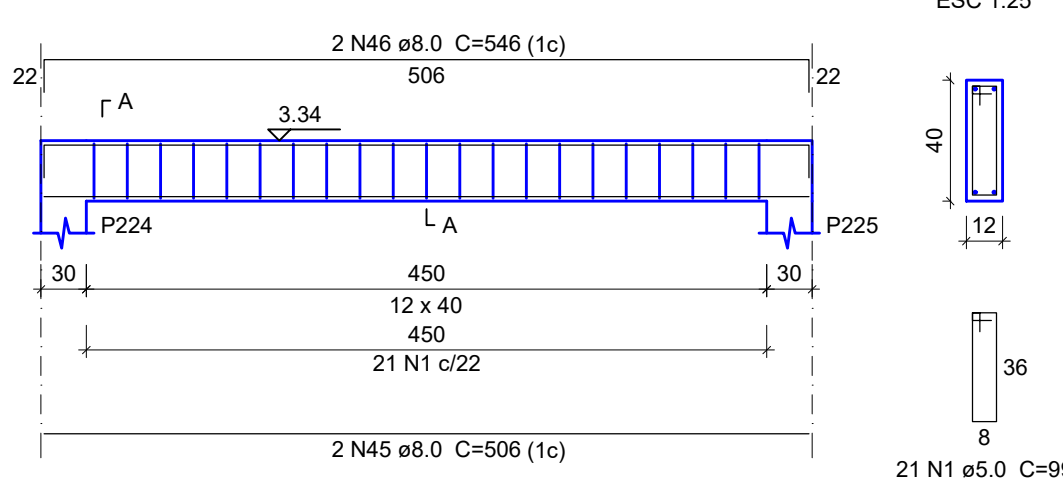
VC97



VC98



VC99



Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	316	99	31284
	2	5.0	101	113	11413
	3	5.0	83	332	3322
	4	5.0	54	71	3834
	5	5.0	4	59	236
	6	5.0	2	498	996
	7	5.0	26	163	4238
	8	5.0	2	272	544
	9	5.0	2	275	550
	10	6.3	2	115	230
CA50	11	6.3	1	135	135
	12	6.3	6	135	810
	13	6.3	6	148	888
	14	6.3	8	748	5984
	15	8.0	2	398	796
	16	8.0	2	348	696
	17	8.0	2	608	1216
	18	8.0	2	648	1296
	19	8.0	6	368	2208
	20	8.0	4	408	1632
	21	8.0	4	197	788
	22	8.0	4	237	948
	23	8.0	2	198	396
	24	8.0	2	242	484
	25	8.0	1	105	105
	26	8.0	2	410	820
	27	8.0	2	155	310
	28	8.0	4	201	804
	29	8.0	4	247	988
	30	8.0	4	146	584
	31	8.0	4	192	768
	32	8.0	4	658	3432
	33	8.0	2	168	336
	34	8.0	2	138	276
	35	8.0	2	178	356
	36	8.0	2	381	762
	37	8.0	2	401	802
	38	8.0	2	858	1716
	39	8.0	2	717	1434
	40	8.0	2	757	1514
	41	8.0	2	893	1786
	42	8.0	2	497	994
	43	8.0	2	114	228
	44	8.0	2	168	336
	45	8.0	2	506	1012
	46	8.0	2	546	1092
	47	10.0	2	319	636
	48	10.0	2	333	666
	49	10.0	2	391	782
	50	10.0	2	431	862
	51	10.0	8	96	768
	52	10.0	2	580	1160
	53	10.0	1	128	128
	54	10.0	2	605	1210
	55	10.0	2	416	832
	56	10.0	2	209	418
	57	10.0	4	167	668
	58	10.0	2	313	626
	59	12.5	2	588	1176
	60	12.5	1	184	184
	61	12.5	1	250	250
	62	12.5	2	958	1916
	63	12.5	2	565	1130
	64	12.5	2	752	1504
	65	12.5	2	379	758

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	80.5	19.7
	8.0	292.8	115.5
	10.0	87.6	54
	12.5	69.4	66.8
CA60	5.0	534.2	82.3
PESO TOTAL (kg)			
CA50	256		
CA60	82.3		

Volume de concreto (C-25) = 5.36 m³
Área de forma = 72.62 m²

APROVAÇÃO



PREFEITURA MUNICIPAL DE RIBAS DO RIO PARDO

OBRA

CONSTRUÇÃO DO EMEI AQUARELA

LOCAL

RUA EUCLIDES LERIANO MEDEIROS ESQUINA COM RUA ILMA MESTRE OLIVEIRA, SN, RESIDENCIAL ALVORADA, RIBAS DO RIO PARDO - MS

ÁREA CONSTRUIDA

1041.33 m²

ÁREA DO TERRENO

4746.00 m²

RESPONSÁVEL TÉCNICO PI PROJETO

JACQUICELLE GOMES FEITOSA

CREA nº 63.733/MS

PREFEITO

JOÃO ALFREDO DANIEZE

CNPJ 03.501.541/0001-91

DISCIPLINA

PROJETO DE ESTRUTURA DE CONCRETO ARMADO

CONTEÚDO

ARMAÇÃO VIGAS COBERTURA PARTE 04

FOLHA

24/40

ESCALA

Como indicado

DATA

MAIO/2023

CONVENIO

COORDENADAS

20°28'3.66"S 53°46'4.43"E