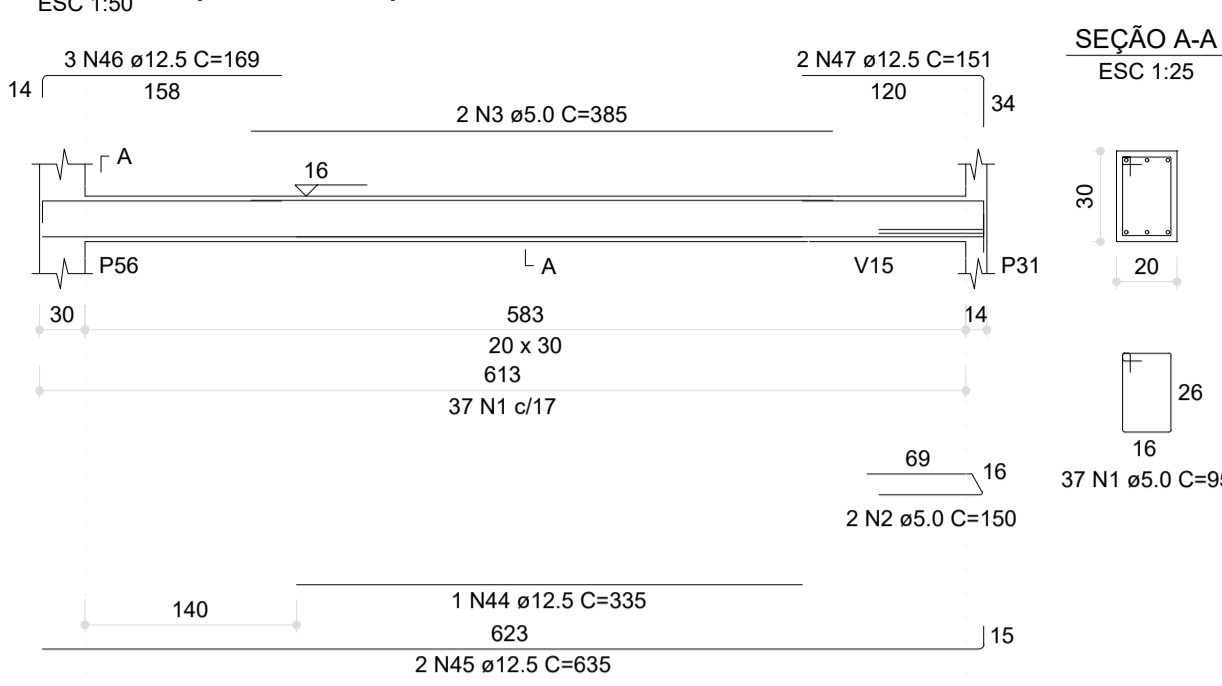
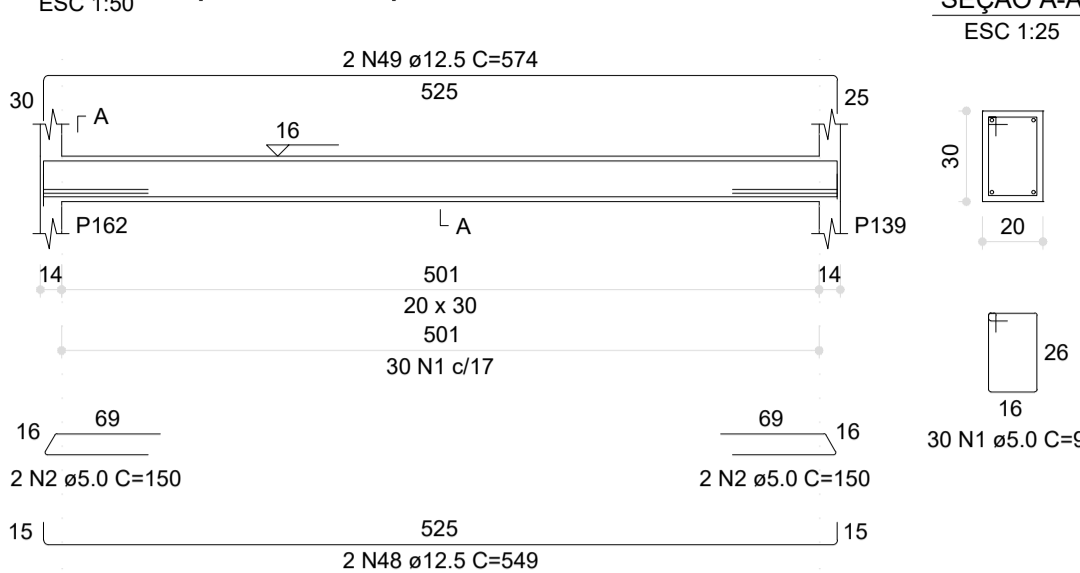


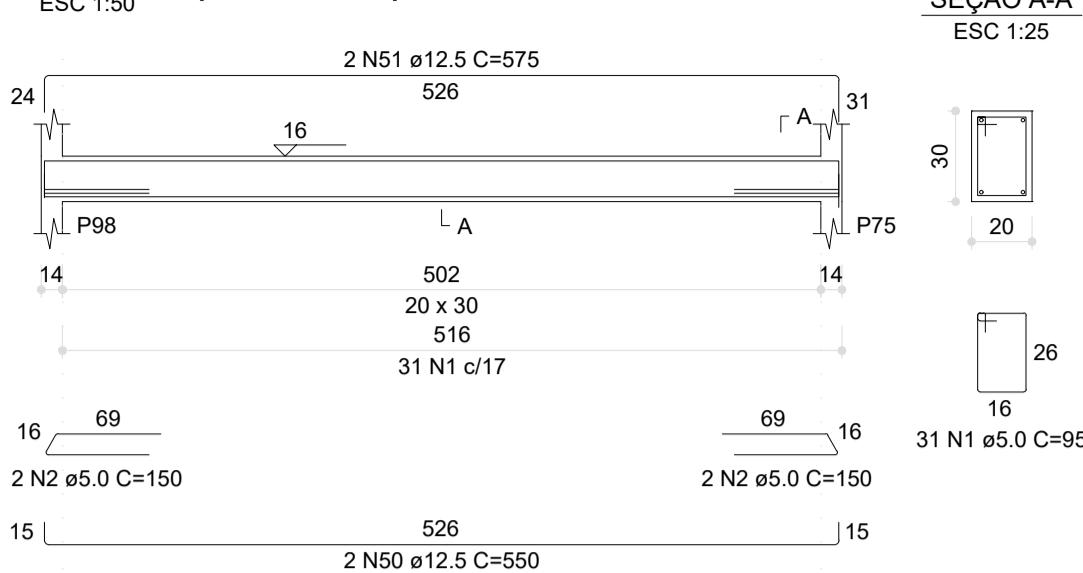
V161 (20 x 30)



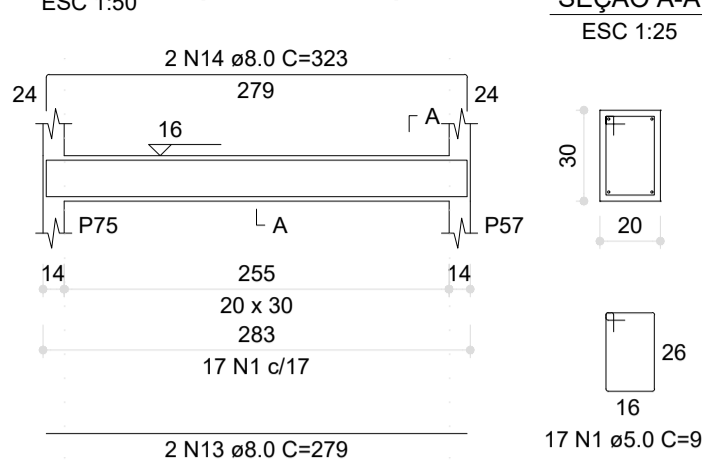
V165 (20 x 30)



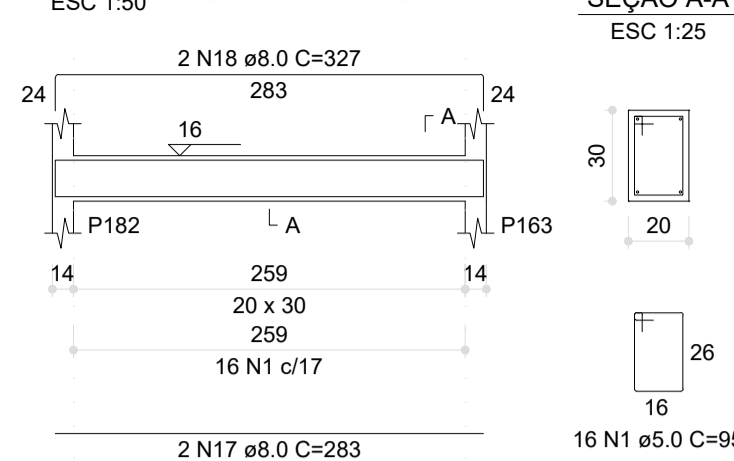
V166 (20 x 30)



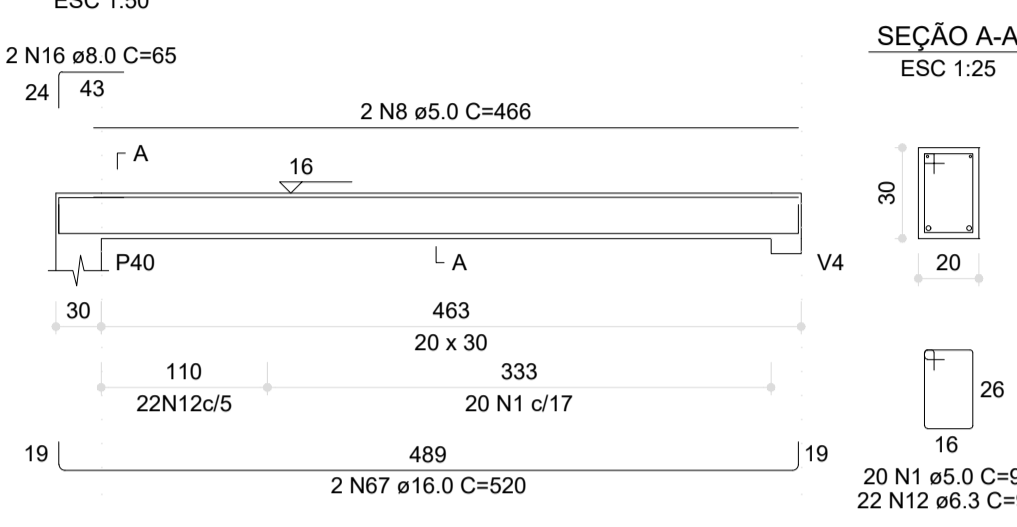
V167 (20 x 30)



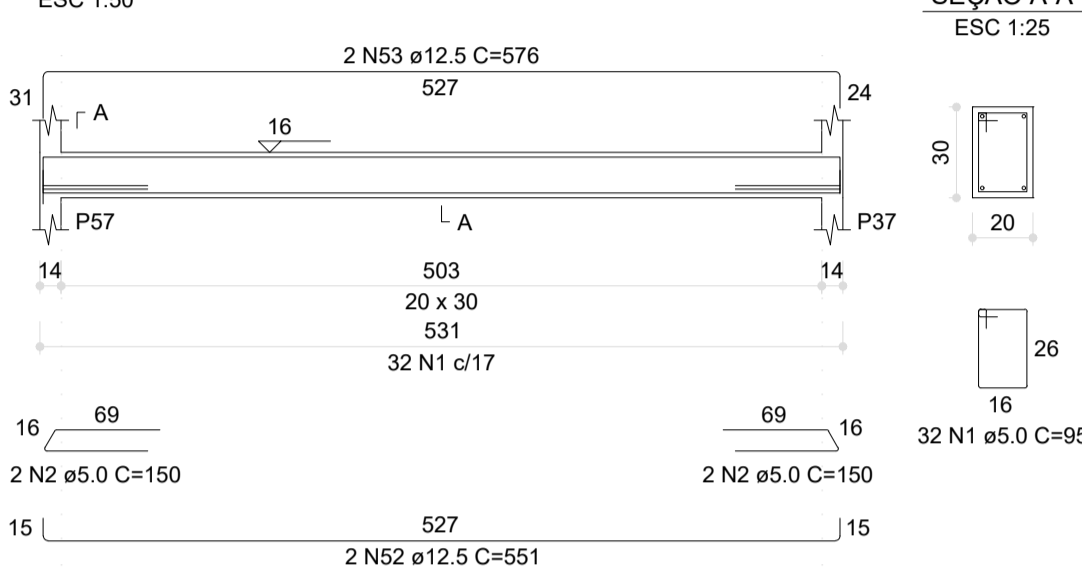
V173 (20 x 30)



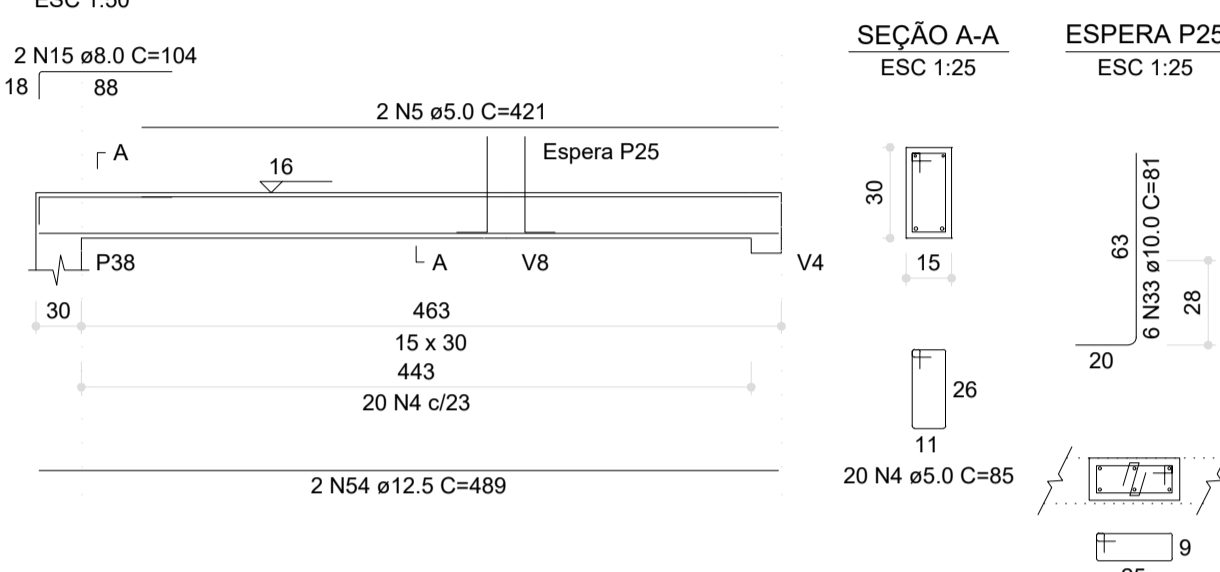
V171 (20 x 30)



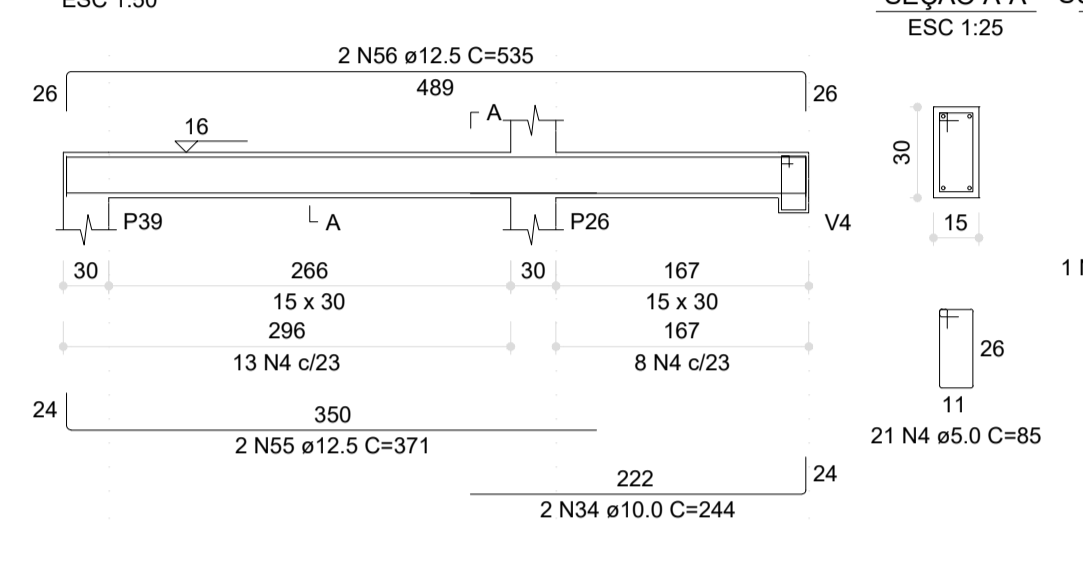
V168 (20 x 30)



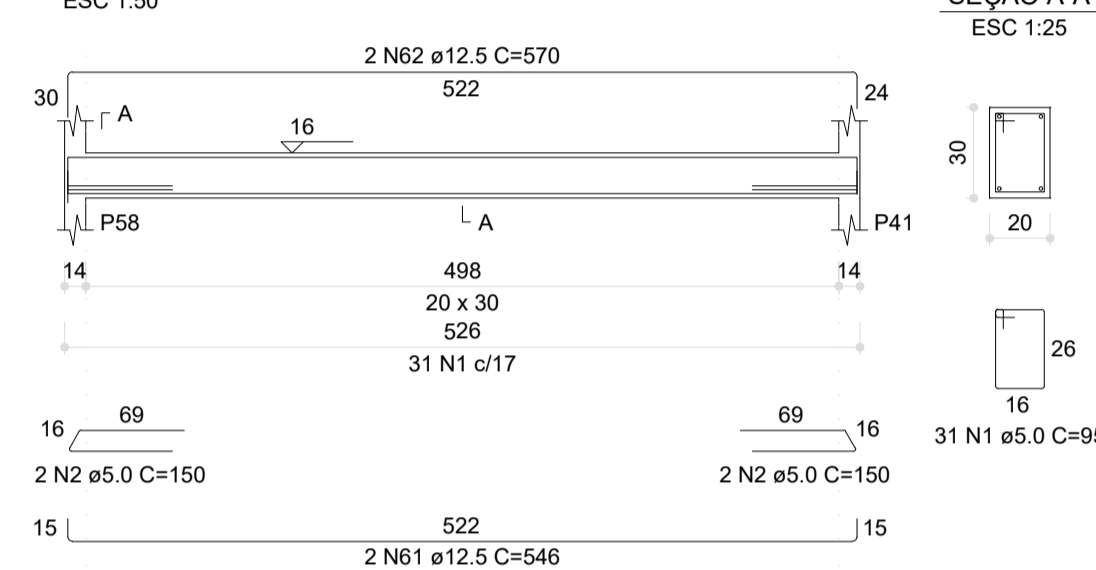
V169 (15 x 30)



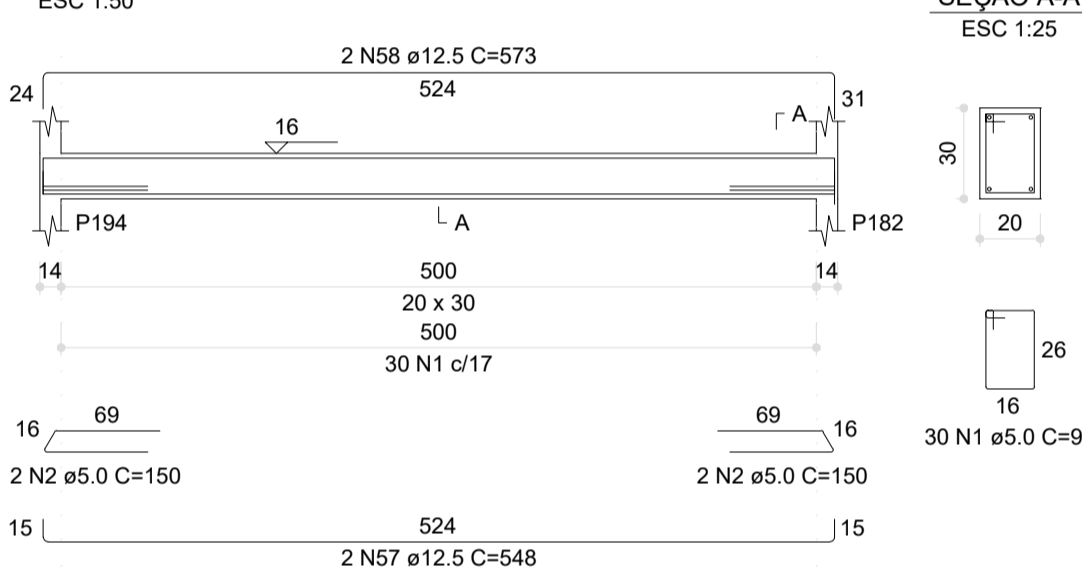
V170 (15 x 30)



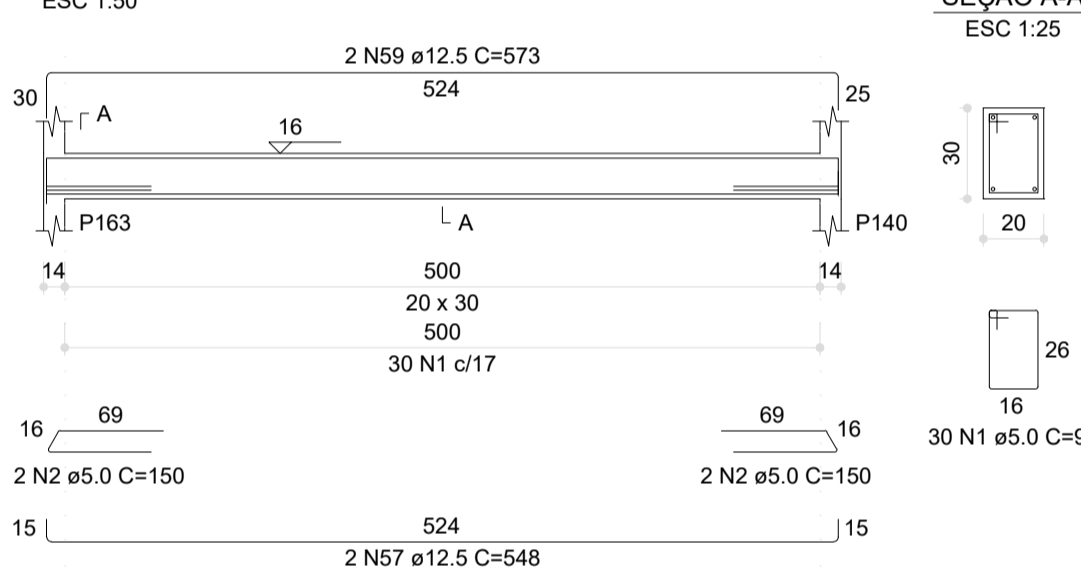
V177 (20 x 30)



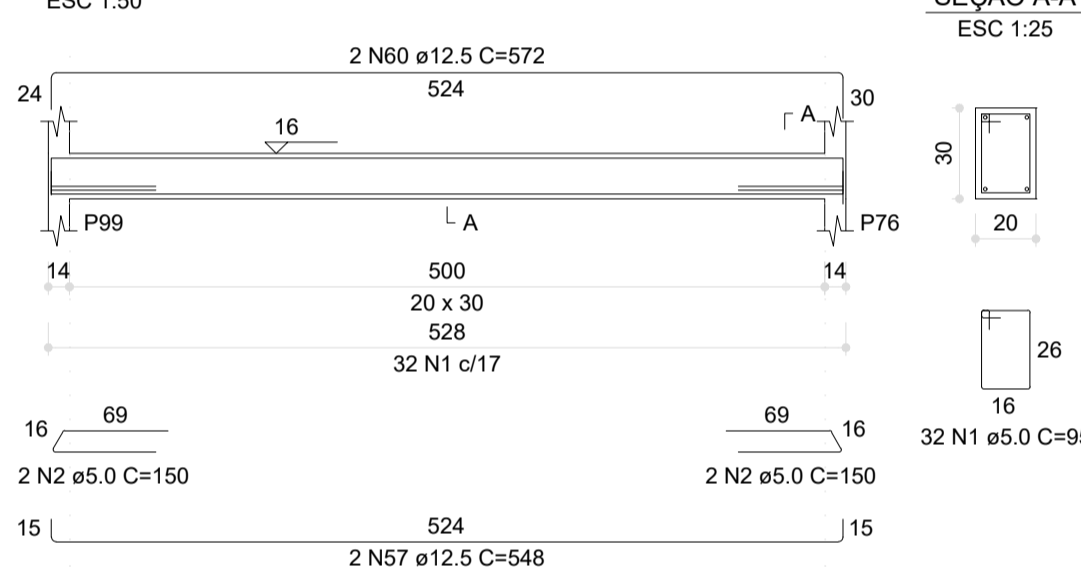
V172 (20 x 30)



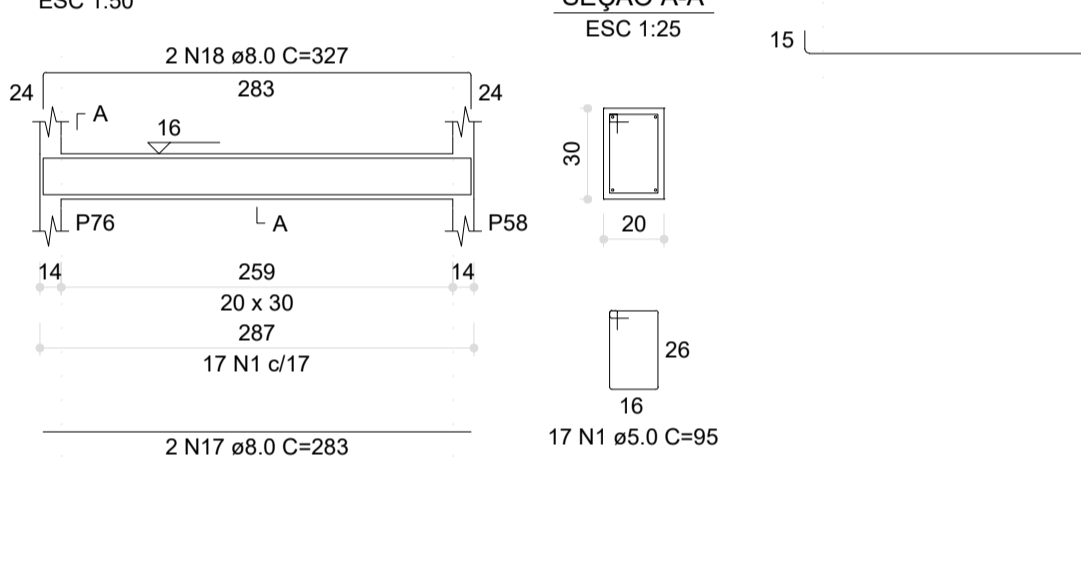
V174 (20 x 30)



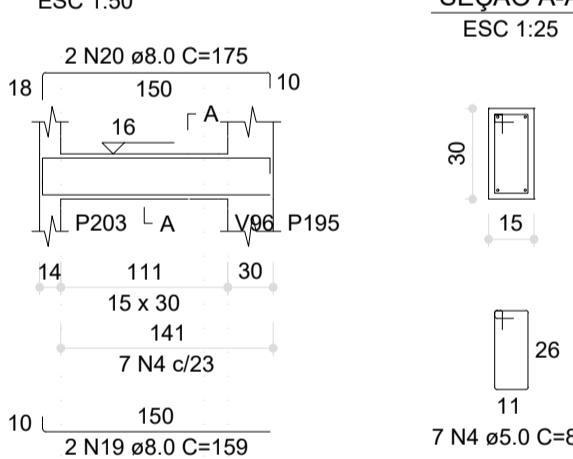
V175 (20 x 30)



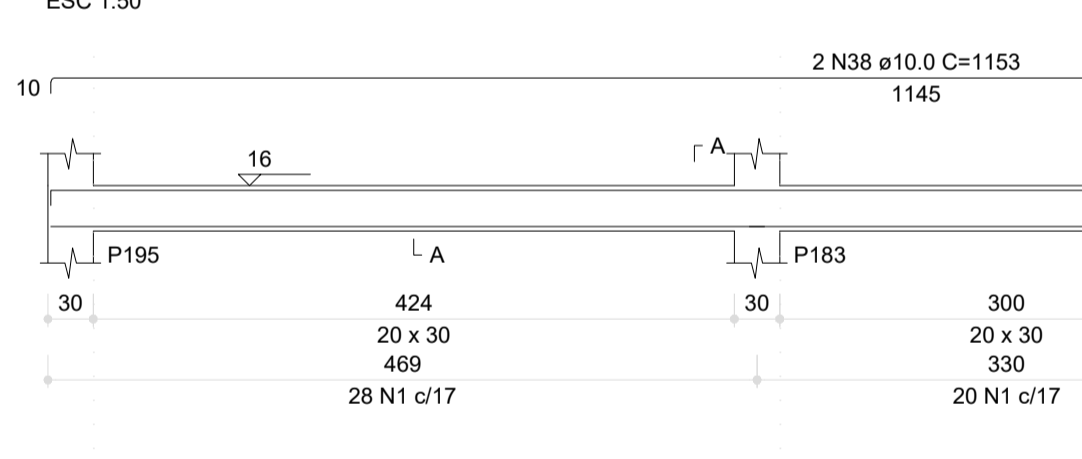
V176 (20 x 30)



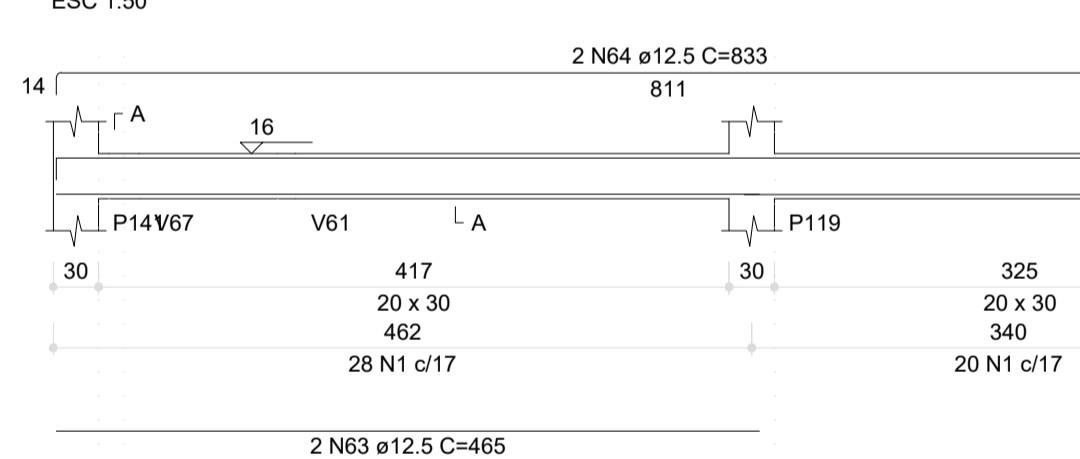
V179 (15 x 30)



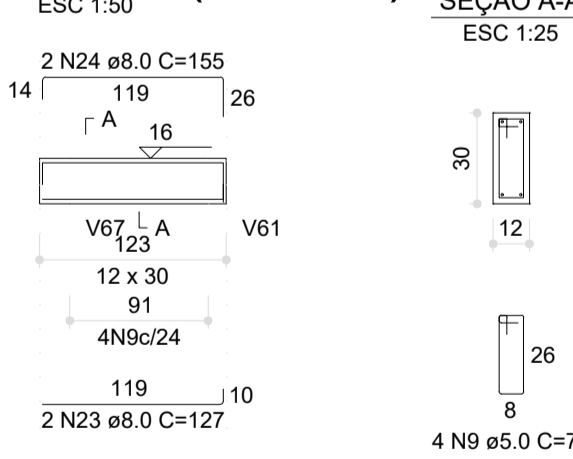
V180 (20 x 30)



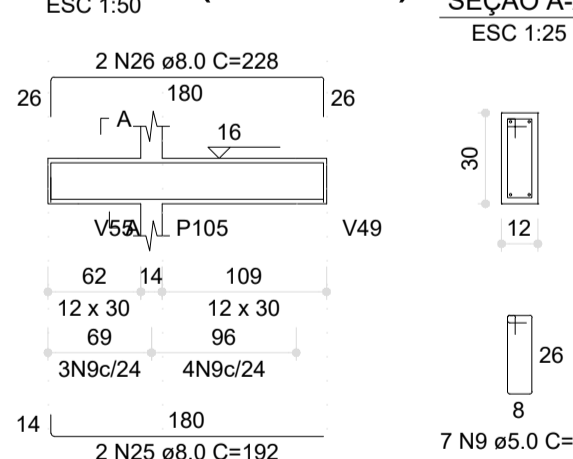
V181 (20 x 30)



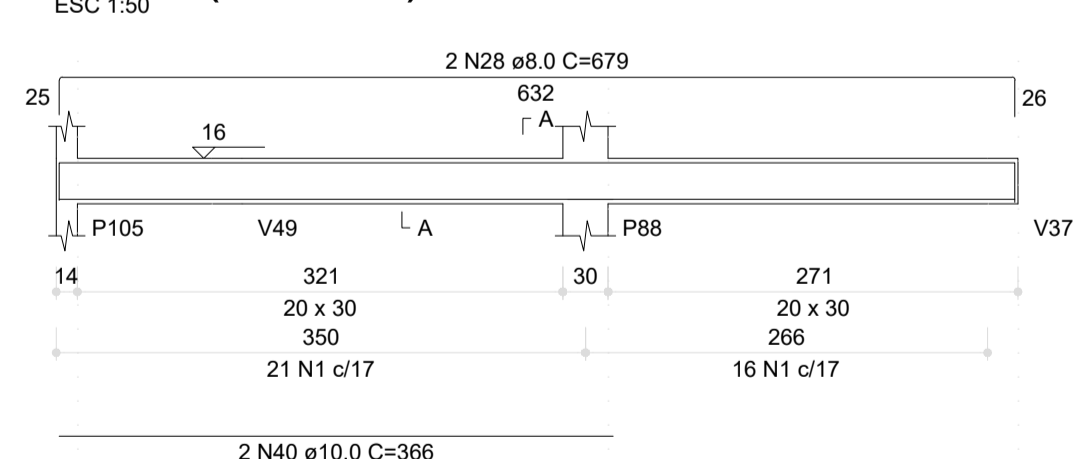
V182 (12 x 30)



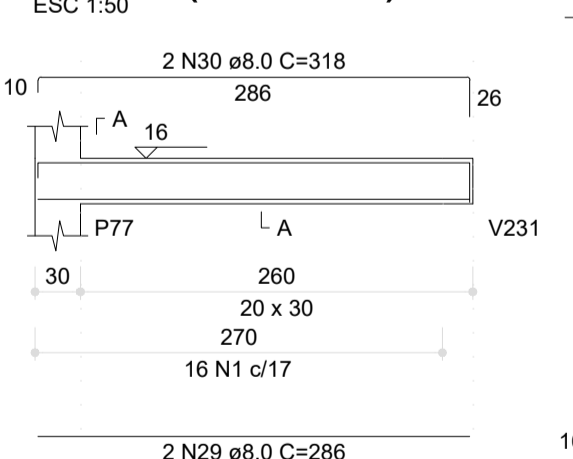
V183 (12 x 30)



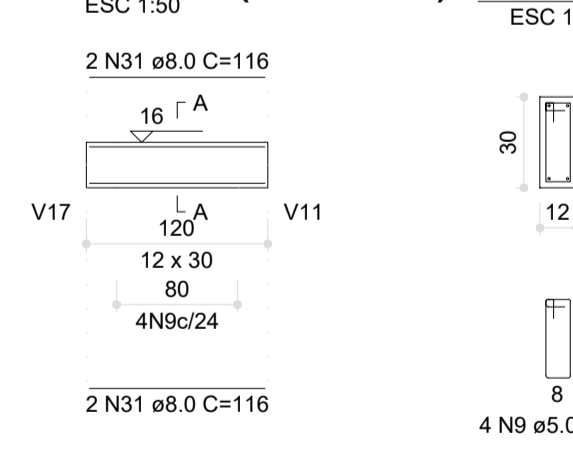
V184 (20 x 30)



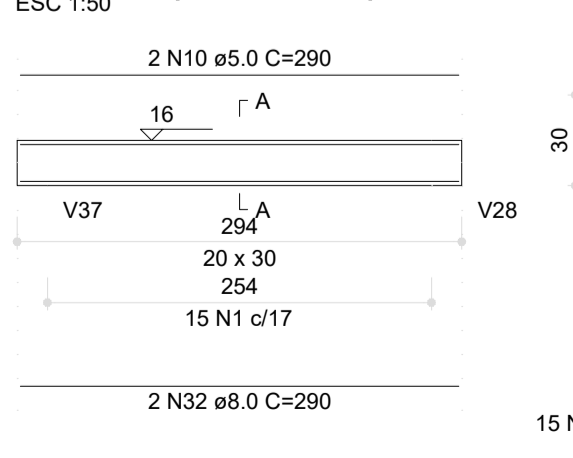
V185 (20 x 30)



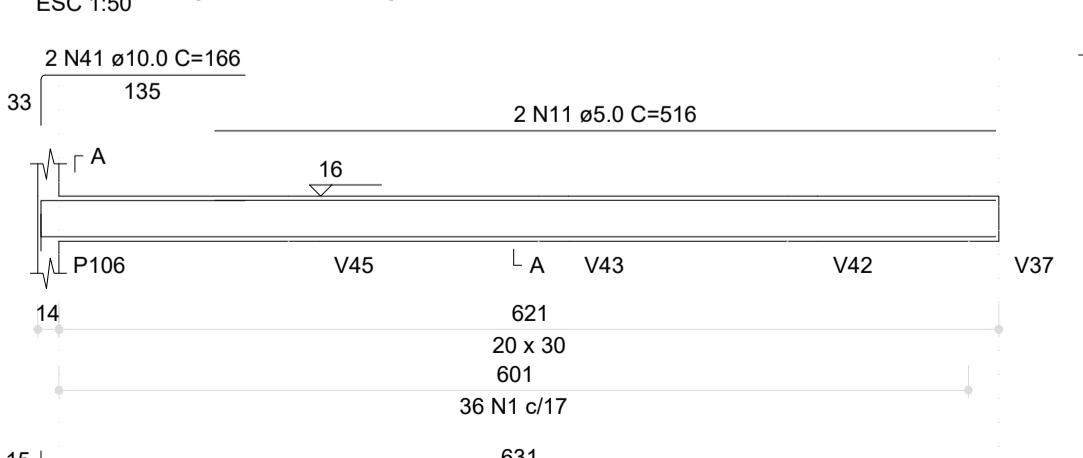
V186 (12 x 30)



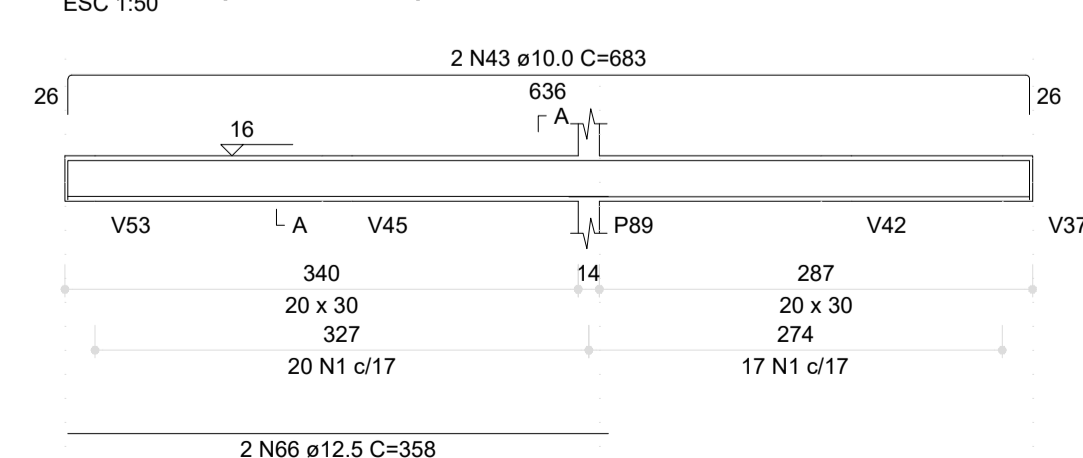
V187 (20 x 30)



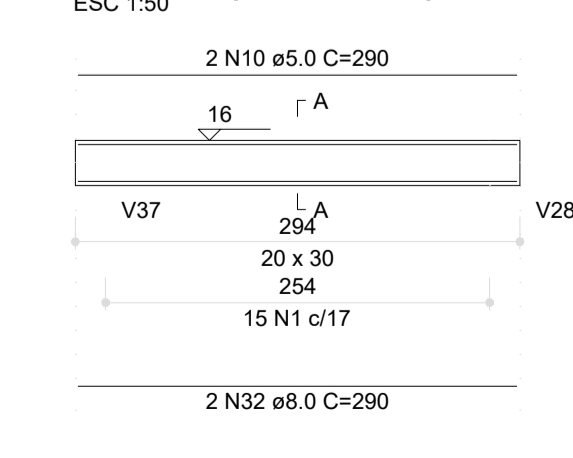
V188 (20 x 30)



V189 (20 x 30)



V190 (20 x 30)



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	603	95	57285
	2	5.0	30	150	4500
	3	5.0	2	385	770
	4	5.0	45	85	4050
	5	5.0	2	421	842
	6	5.0	2	79	158
	7	5.0	2	24	48
	8	5.0	2	468	936
	9	5.0	15	79	1185
	10	5.0	4	230	920
	11	5.0	2	516	1032
	12	6.3	22	96	2112
	13	8.0	2	279	558
	14	8.0	4	323	646
	15	8.0	104	208	21632
	16	8.0	65	130	8450
	17	8.0	4	235	940
	18	8.0	4	327	1308
	19	8.0	159	318	50682
	20	8.0	4	473	946
	21	8.0	340	680	23120
	22	8.0	357	714	25488
	23	8.0	127	254	3236
	24	8.0	4	323	646
	25	8.0	192	384	73632
	26	8.0	229	458	10482
	27	8.0	4	323	646
	28	8.0	679	1358	91562
	29	8.0	286	572	16382
	30	8.0	318	636	20124
	31	8.0	116	232	26832
	32	8.0	4	290	580
	33	10.0	81	162	13162
	34	10.0	4	473	946
	35	10.0	117	234	27174
	36	10.0	472	944	44568
	37	10.0	4	473	946
	38	10.0	1153	2306	26556
	39	10.0	197	394	77618
	40	10.0	398	796	31682
	41	10.0	156	312	48672
	42	10.0	305	610	18300
	43	10.0	683	1366	93258
	44	12.5	335	670	22485
	45	12.5	635	1270	81375
	46	12.5	189	378	7062
	47	12.5	131	262	3416
	48	12.5	549	1098	68106
	49	12.5	574	1148	65790
	50	12.5	550	1100	60500
	51	12.5	676	1352	88400
	52	12.5	551	1102	60625
	53	12.5	576	1152	64500
	54	12.5	489	978	47622
	55	12.5	571	1142	64725
	56	12.5	535	1070	56825
	57	12.5	548	1096	68550
	58	12.5	673	1346	84075
	59	12.5	573	1146	64725
	60	12.5	572	1144	64650
	61	12.5	646	1292	80925
	62	12.5	570	1140	64350
	63	12.5	485	970	47125
	64	12.5	633	1266	79125
	65	12.5	643	1286	80375
	66	12.5	358	716	25562
	67	16.0	520	1040	53760

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 0% (kg)
CA60	6.3	21.1	5.2
	8.0	122.3	48.3
	10.0	87.2	53.8
	12.5	205.1	245.7
	16.0	10.4	16.4
	5.0	721	111.1

PESO TOTAL (kg): CA60 369.3, CA60 111.1

Volume de concreto (C-30) = 6.55 m³
Área de forma = 85.72 m²

Nº	DATA	DESCRIÇÃO
03	JANEIRO/2023	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/2017	Atendimento à NBR 9050/2015; Alteração: quadro de áreas, fechamento frontal, sanitários 1 e 2, altura da platibanda, mobiliário e equipamento, altura da cerâmica nos sanitários, cor dos portões dos solares e altura da porta PA4; Acréscimo: gradil e quadro de cargas no castelo d'água, de duchas higienicas e escaninhos pré-escola.
01	JULHO/2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda.

FNDE MINISTÉRIO DA EDUCAÇÃO

PROJETO PADRÃO - FNDE

PROPRIETÁRIO: _____

ENDEREÇO: _____

MUNICÍPIO - UF: _____

PROPRIETÁRIO: _____

RESP. TÉCNICO: CAU / CREA _____

AUTOR DO PROJETO: CAU / CREA _____

APROVAÇÕES

CAU / CREA _____

PREFEITURA / RA _____

OBSERVAÇÕES:

CRECHE PRÉ-ESCOLA TIPO 1 PROJETO DE ESTRUTURA DE CONCRETO

COORDENAÇÃO CGEST - Coordenação Geral de Infraestrutura Educacional	DETALHAMENTO ARMAÇÃO DAS VIGAS PAVIMENTO TÉRREO PARTE 07	PRANCHA SCO
REVISÃO R.00 R.03 R.01 R.02	ESCALA 1:25 / 1:50 DATA EMISSÃO JAN/2023	16/34

1 ARMAÇÃO DAS VIGAS DO PAVIMENTO TÉRREO - PARTE 07