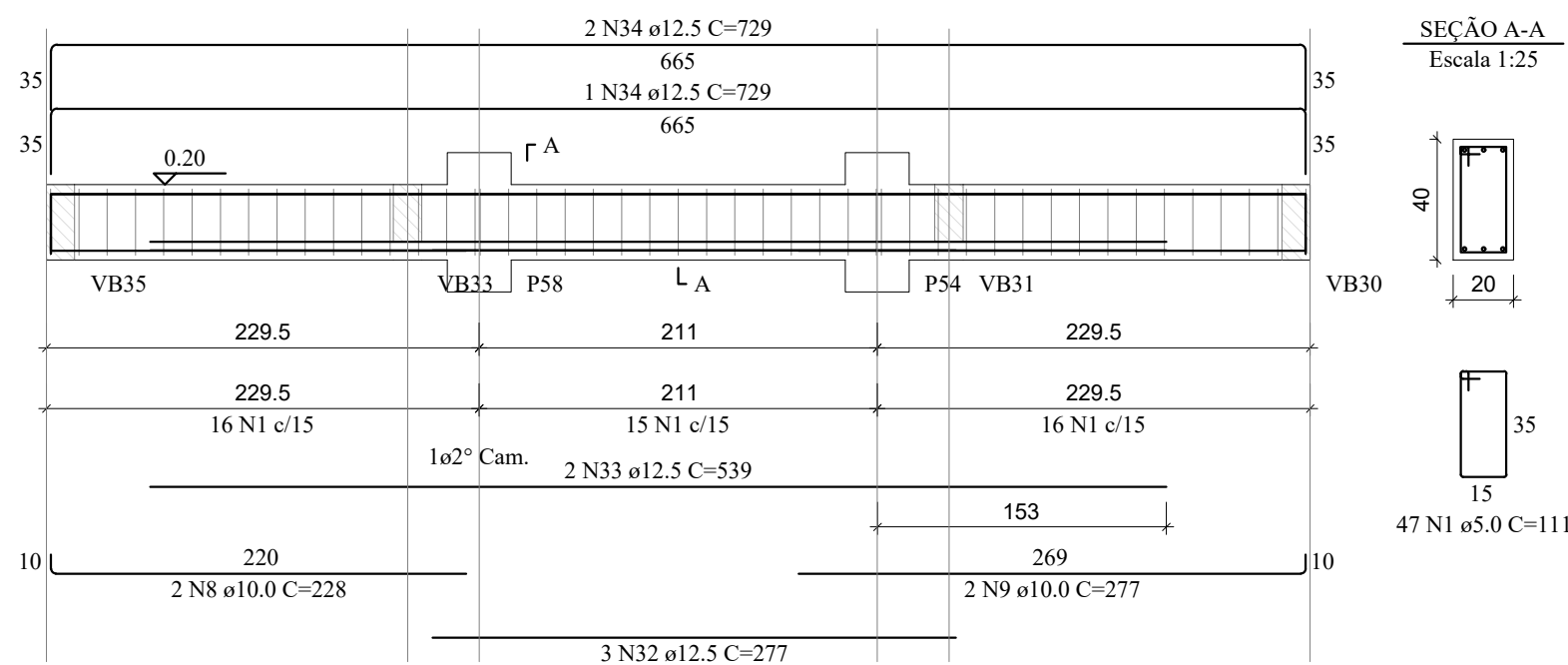


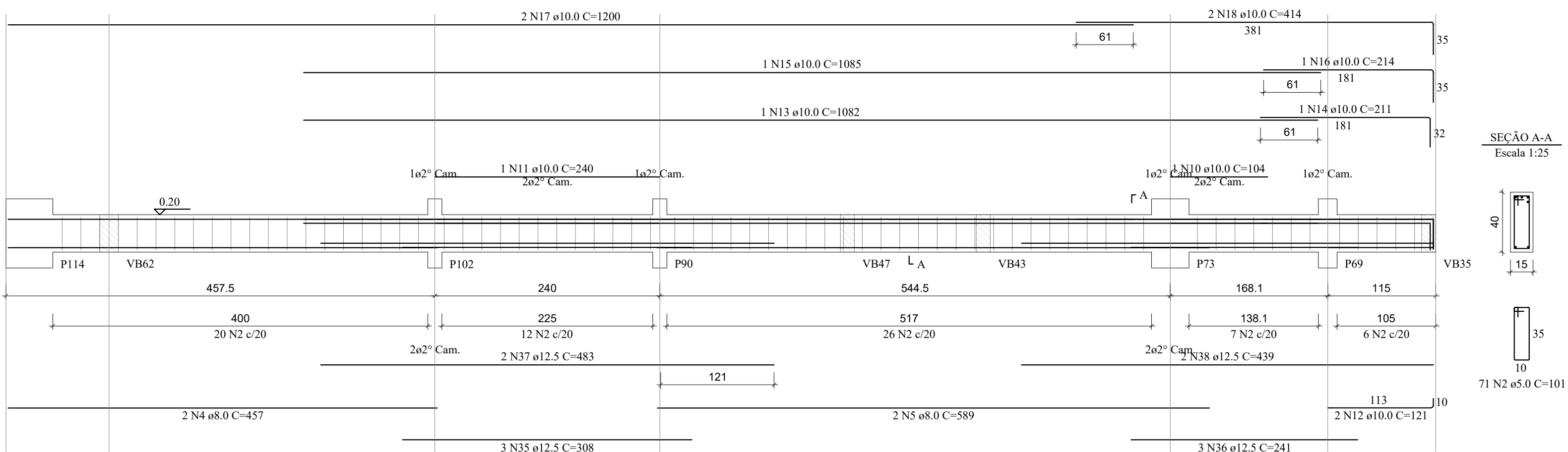
PROJETO ESTRUTURAL

Escala Indicada

VB139
Escala 1:40



VB140
Escala 1:40

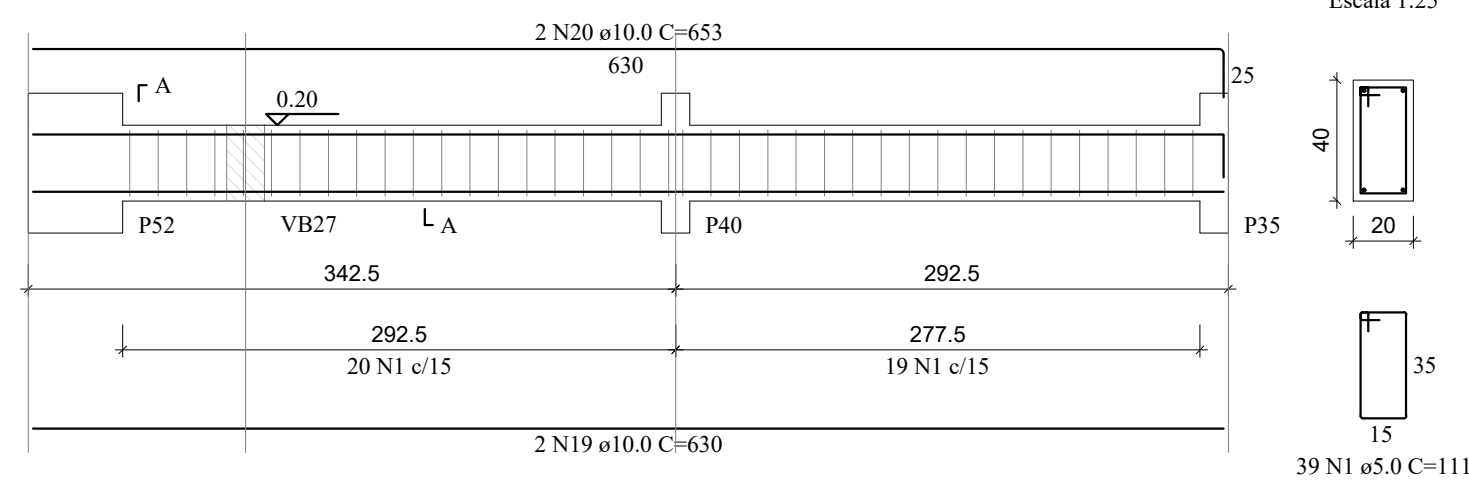


RELAÇÃO DO AÇO

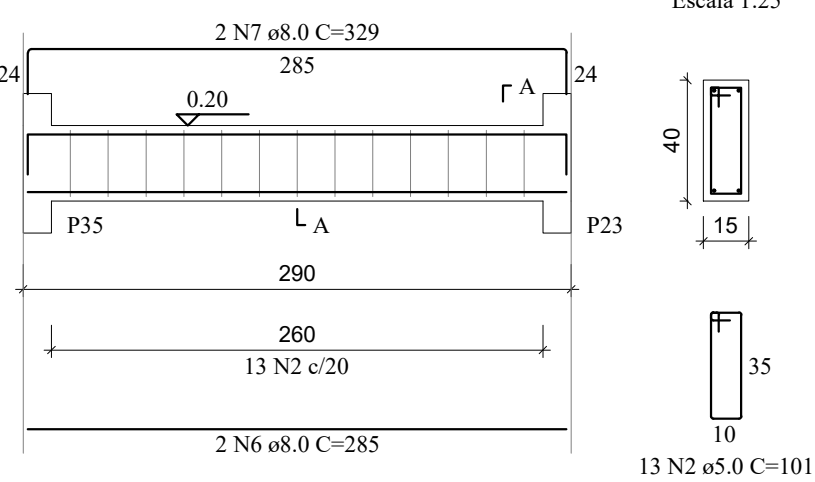
AÇO	N	DIAM (mm)	QUANT (cm)	CUNIT (cm)	C.TOTAL (cm)
VB139	VB140	VB141			
VB142	VB143	VB144			
VB145	VB146	VB147			
VB148	VB149	VB150			
VB151	VB152	VB153			

AÇO	N	DIAM (mm)	QUANT (cm)	CUNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	290	111	32190
CA50	2	5.0	84	101	8484
	3	5.0	68	81	5508
	4	8.0	2	457	914
	5	8.0	2	589	1178
	6	8.0	2	285	570
	7	8.0	2	329	658
	8	10.0	2	228	456
	9	10.0	2	277	554
	10	10.0	1	104	104
	11	10.0	1	240	240
	12	10.0	2	121	242
	13	10.0	1	1082	1082
	14	10.0	1	211	211
	15	10.0	1	1085	1085
	16	10.0	1	214	214
	17	10.0	2	1200	2400
	18	10.0	2	414	828
	19	10.0	2	630	1260
	20	10.0	2	653	1306
	21	10.0	2	625	1250
	22	10.0	1	198	198
	23	10.0	2	656	1312
	24	10.0	8	530	4240
	25	10.0	2	584	1168
	26	10.0	4	285	1140
	27	10.0	4	330	1320
	28	10.0	2	584	1168
	29	10.0	2	584	1168
	30	10.0	2	584	1168
	31	10.0	16	190	3040
	32	12.5	3	277	831
	33	12.5	2	539	1078
	34	12.5	3	729	2187
	35	12.5	3	308	924
	36	12.5	3	241	723
	37	12.5	2	483	966
	38	12.5	2	439	878

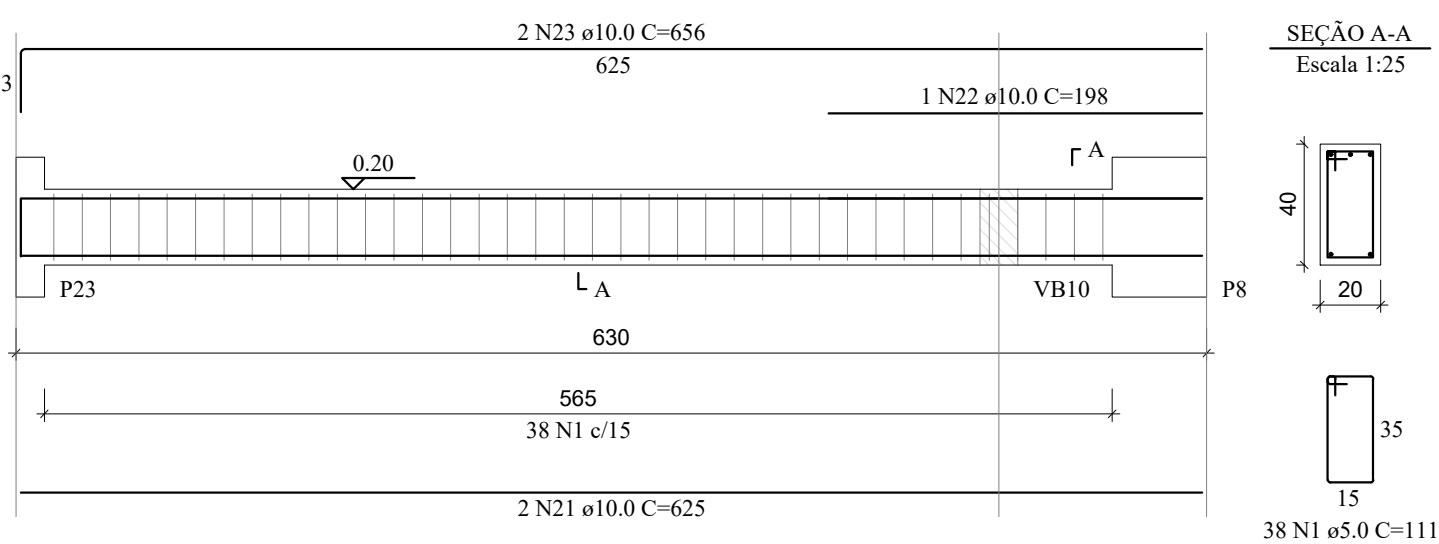
VB141
Escala 1:40



VB142
Escala 1:40



VB143
Escala 1:40



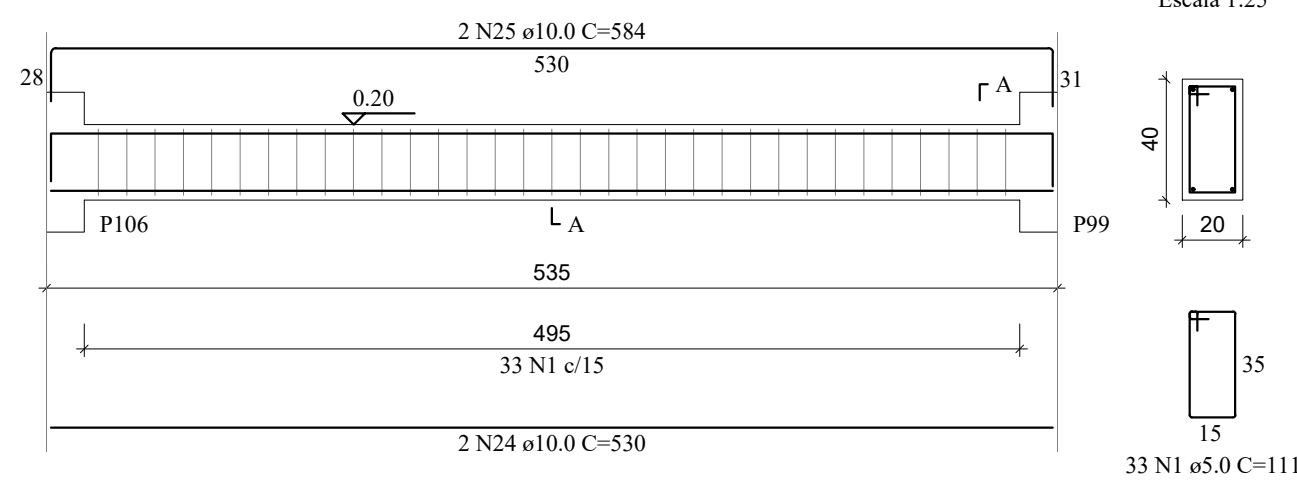
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	33.2	4	14.4
	10.0	271.5	25	184.2
	12.5	75.9	7	80.4
CA60	5.0	461.8	43	78.3
PESO TOTAL (kg)				
CA50		279		
CA60		78.3		

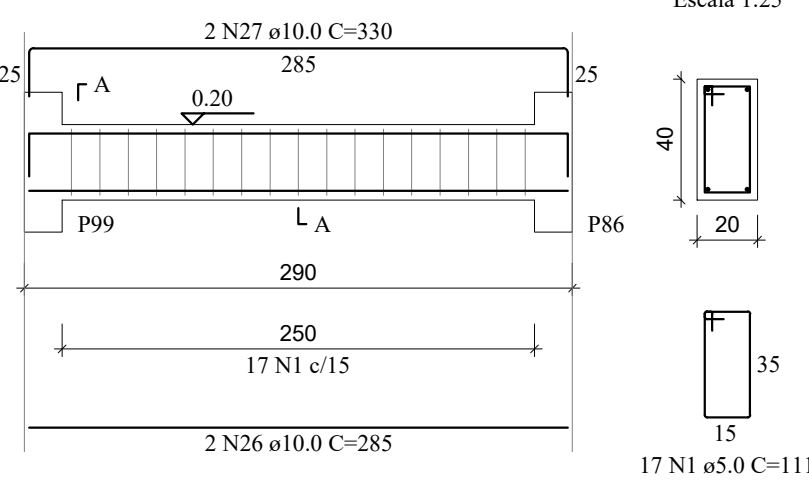
Volume de concreto (C-30) = 5.16 m³

Área de forma = 69.64 m²

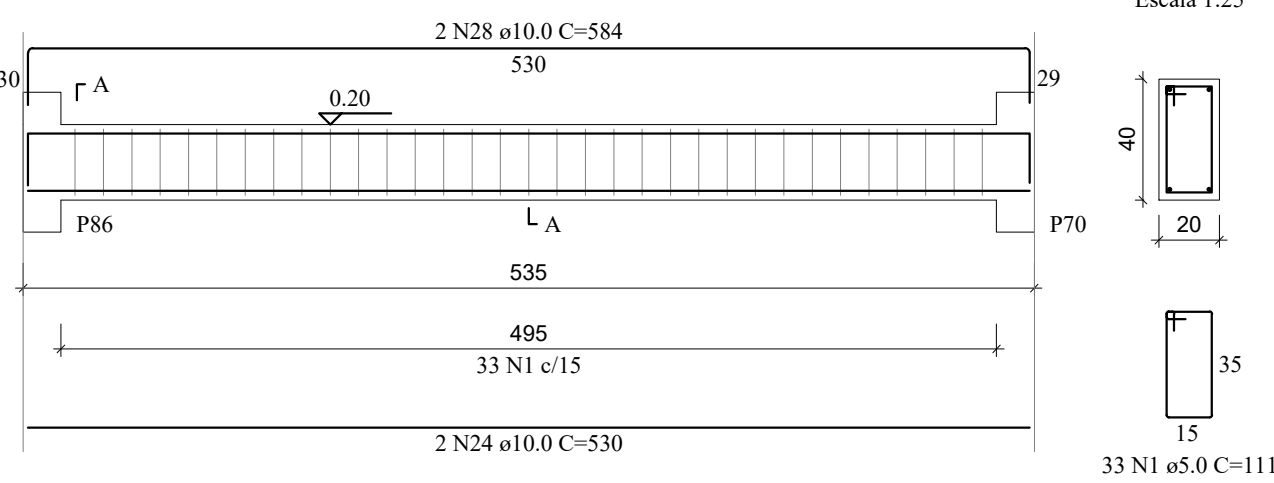
VB144
Escala 1:40



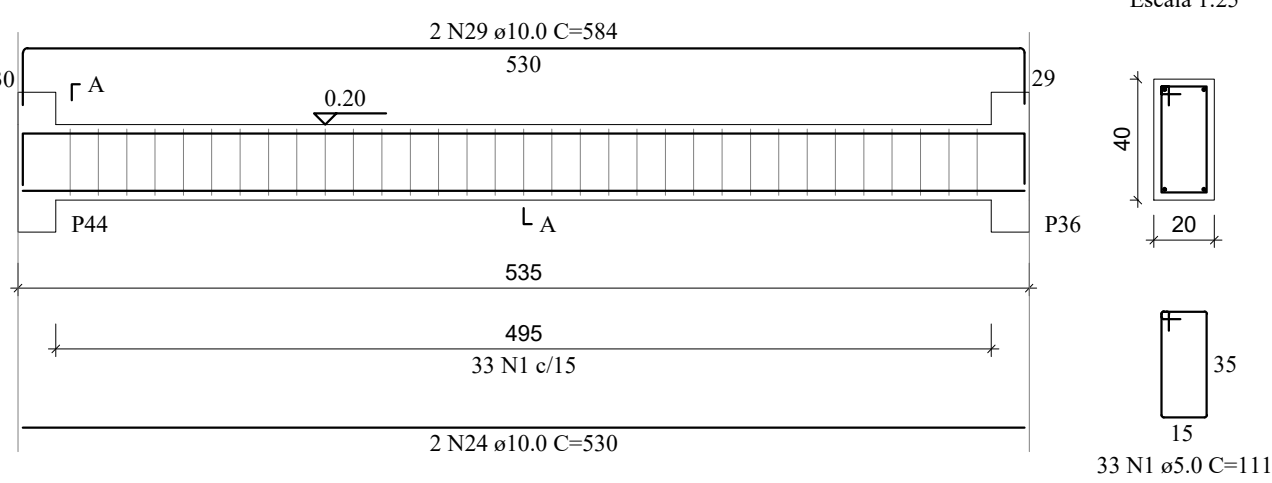
VB145
Escala 1:40



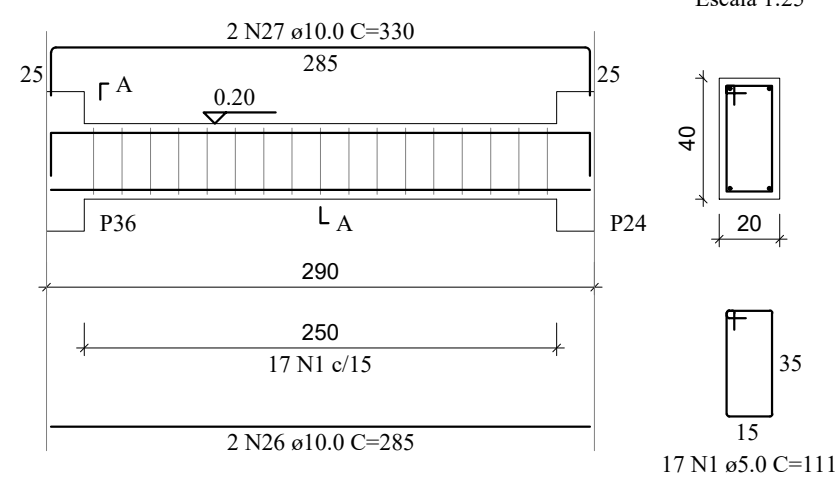
VB146
Escala 1:40



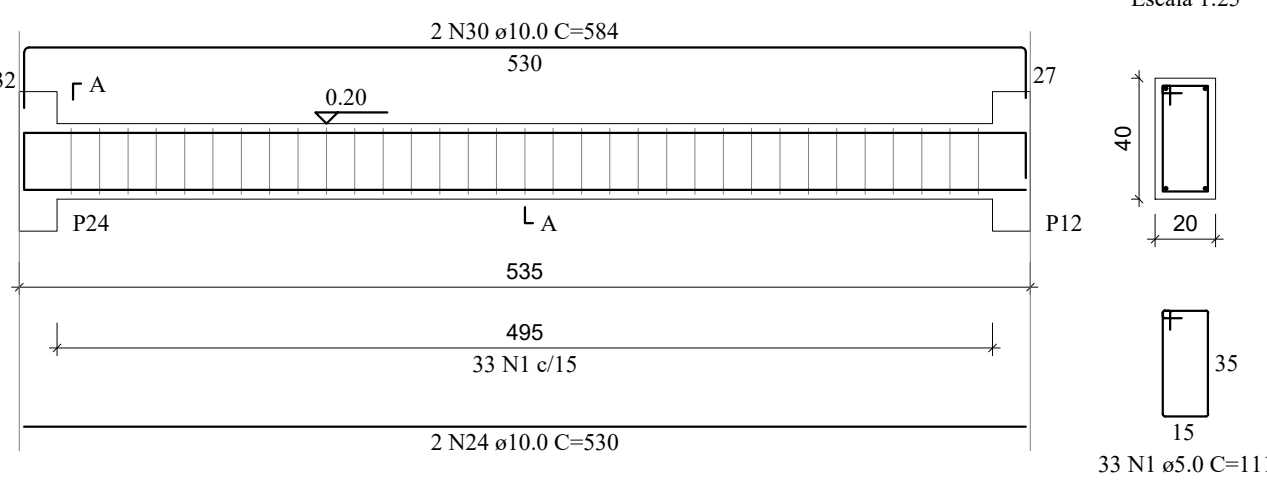
VB147
Escala 1:40



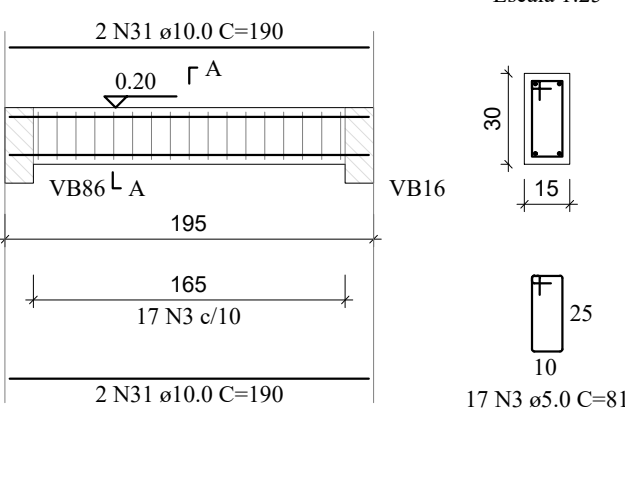
VB148
Escala 1:40



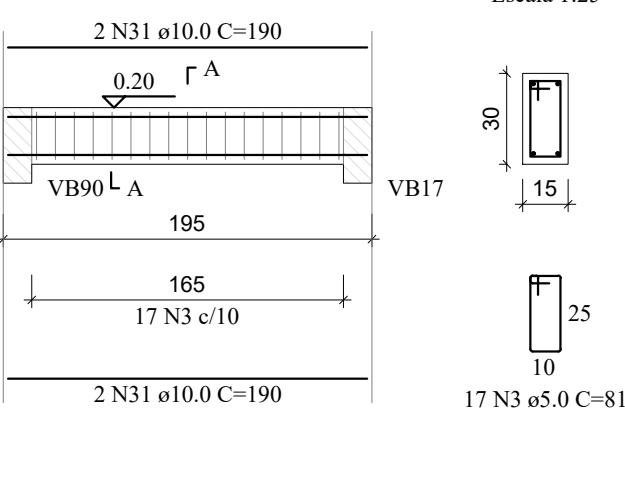
VB149
Escala 1:40



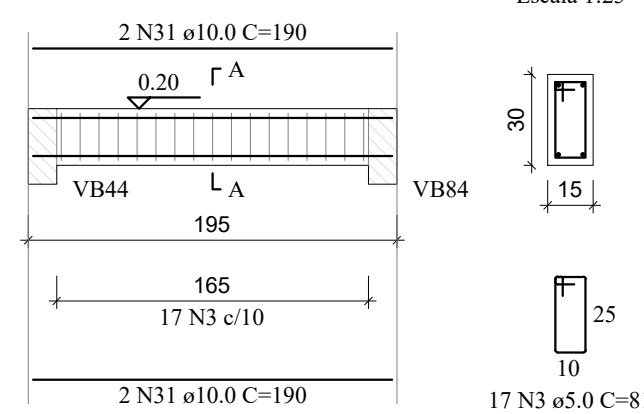
VB150
Escala 1:40



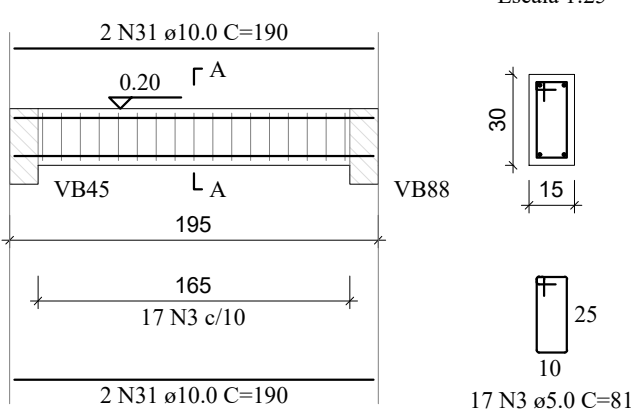
VB151
Escala 1:40



VB152
Escala 1:40



VB153
Escala 1:40



PROJETO	GERÊNCIA DE PROJETOS DENIS DE SOUZA SILVA CREA: MG-127.216/D
	COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA: MG-97.132/D
	RESPONSÁVEL TÉCNICO ENGR. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D
	PROJETO ENGR. CIVIL WILLIAM BARADEL LARI
	DESENHO WILLIAM BARADEL LARI

EMPREENDIMENTO IMPLANTAÇÃO DA CRECHE DR. LUIZ RENNÓ MENDES	DISCIPLINA ESTRUTURAL
ENDEREÇO RUA 06, ÁREA INSTITUCIONAL 1, C. H. DR. LUIZ R. MENDES SANTA RITA DO SAPUCAÍ – MINAS GERAIS	FASE DO PROJETO EXECUTIVO
ASSUNTO PROJETO DE ESTRUTURAS EM CONCRETO ARMADO DETALHAMENTO DAS ARMAÇÕES – VIGAS FORMA, CORTE E QUANTITATIVOS	FOLHA Nº. 15
DATA INICIAL 14/10/2020	ESCALA INDICADA
REVISÃO R00	ARQUIVO DAC-SRS-CRE-PE-EST-R00.DWG