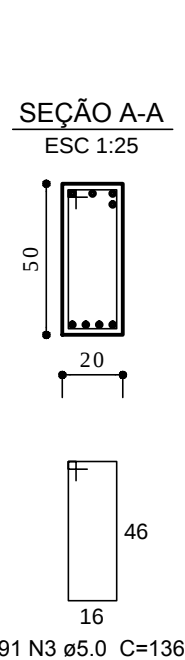
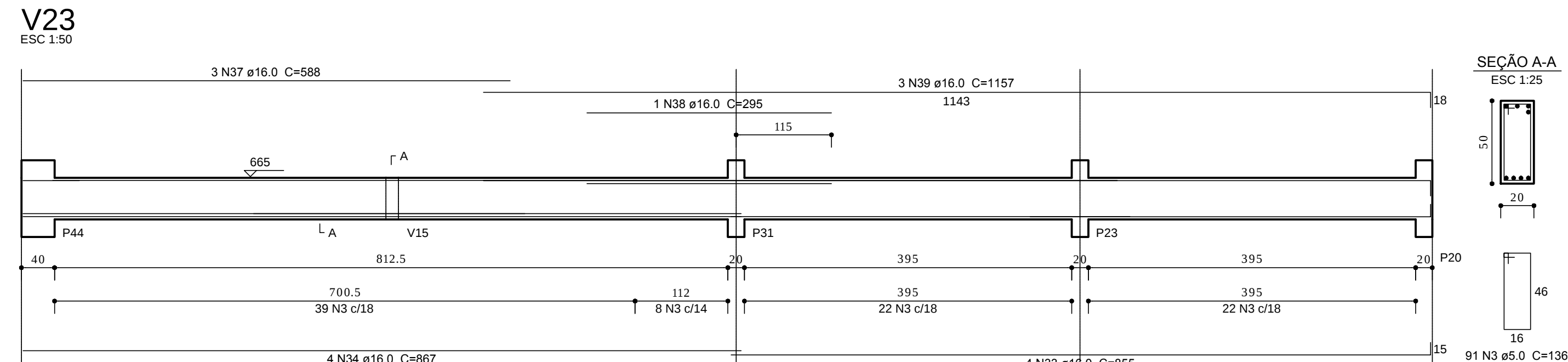
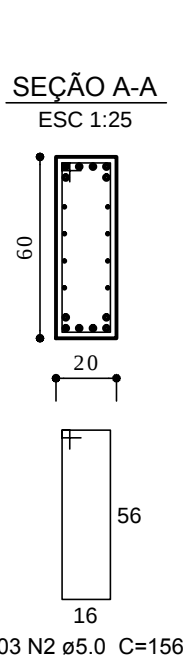
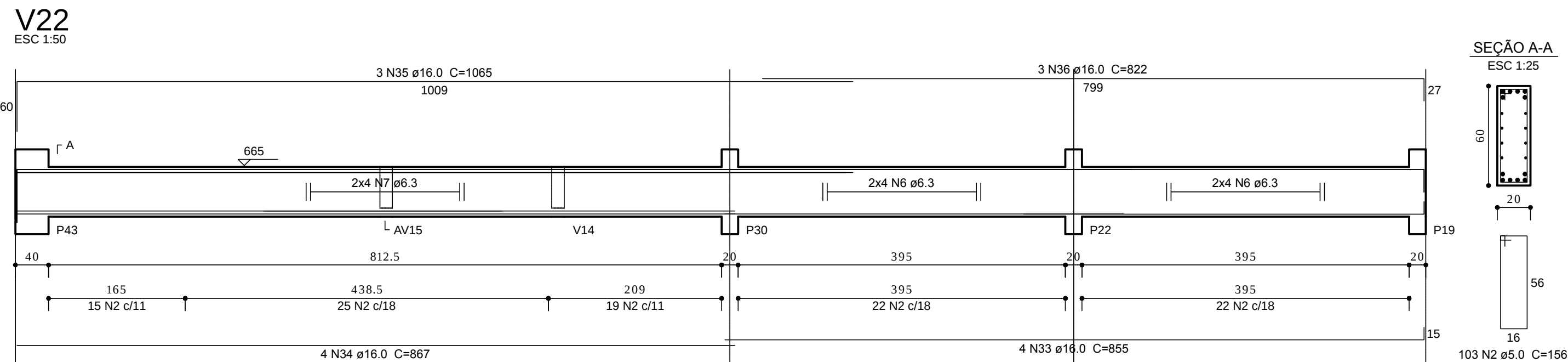
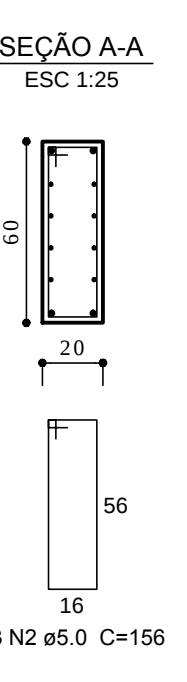
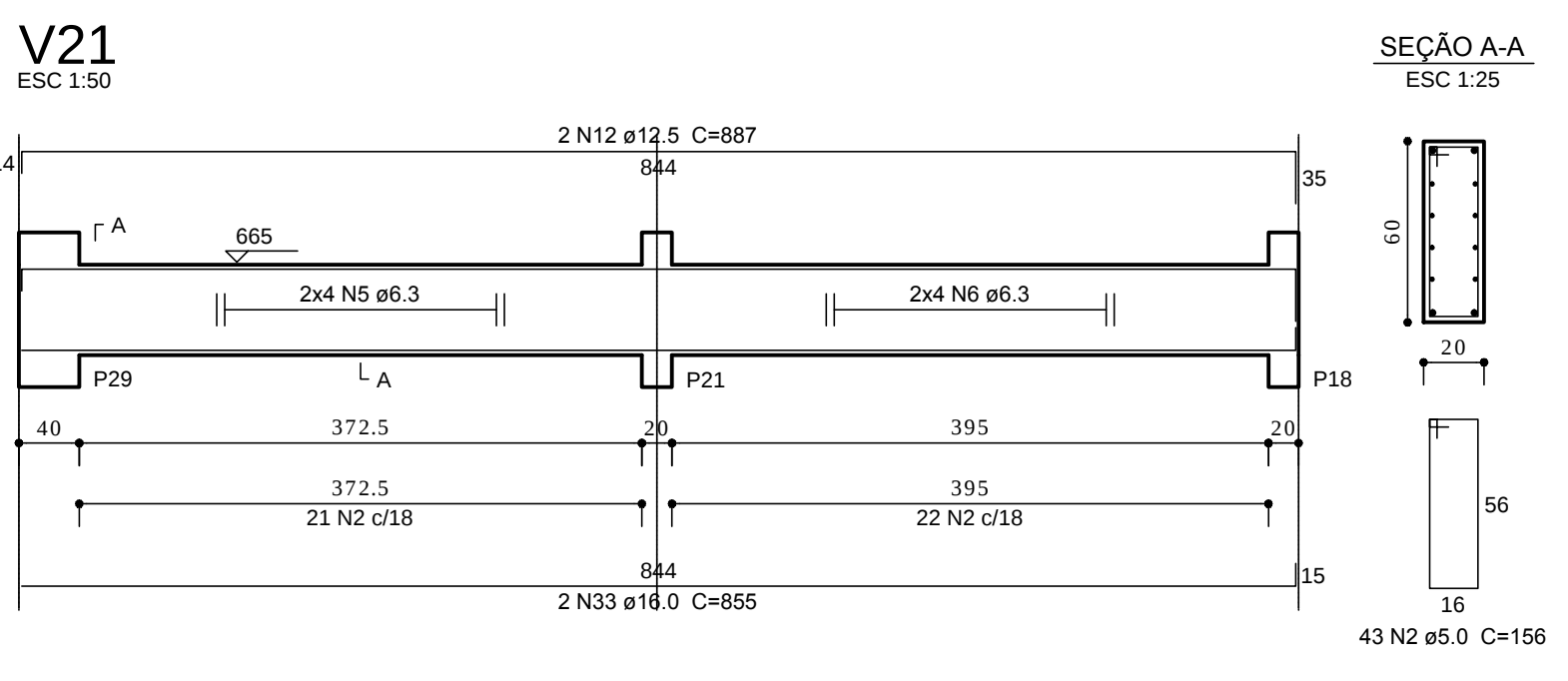
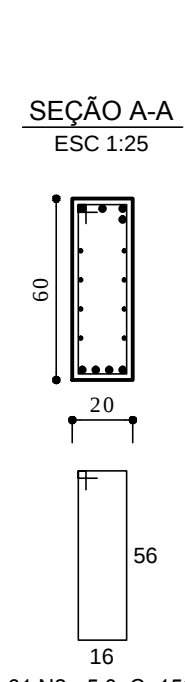
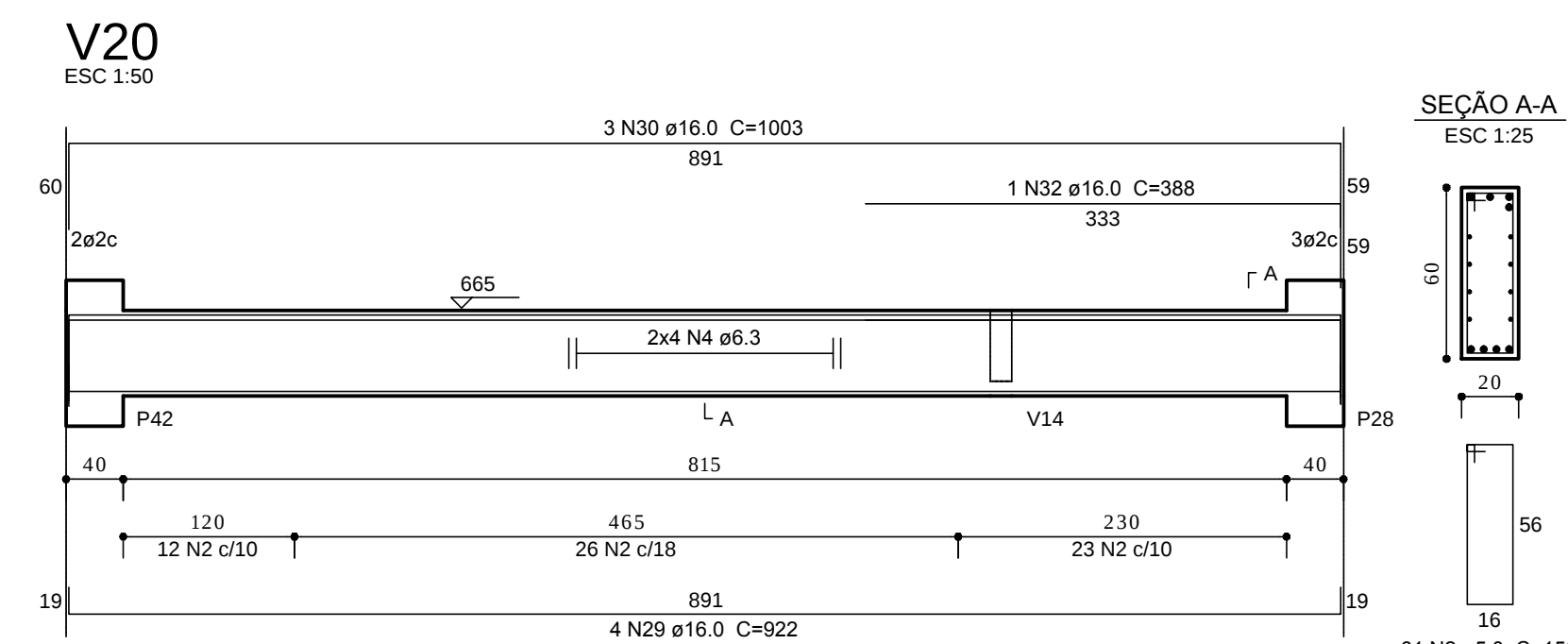
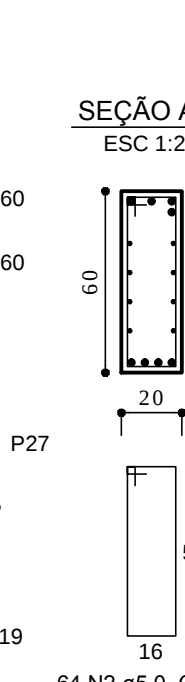
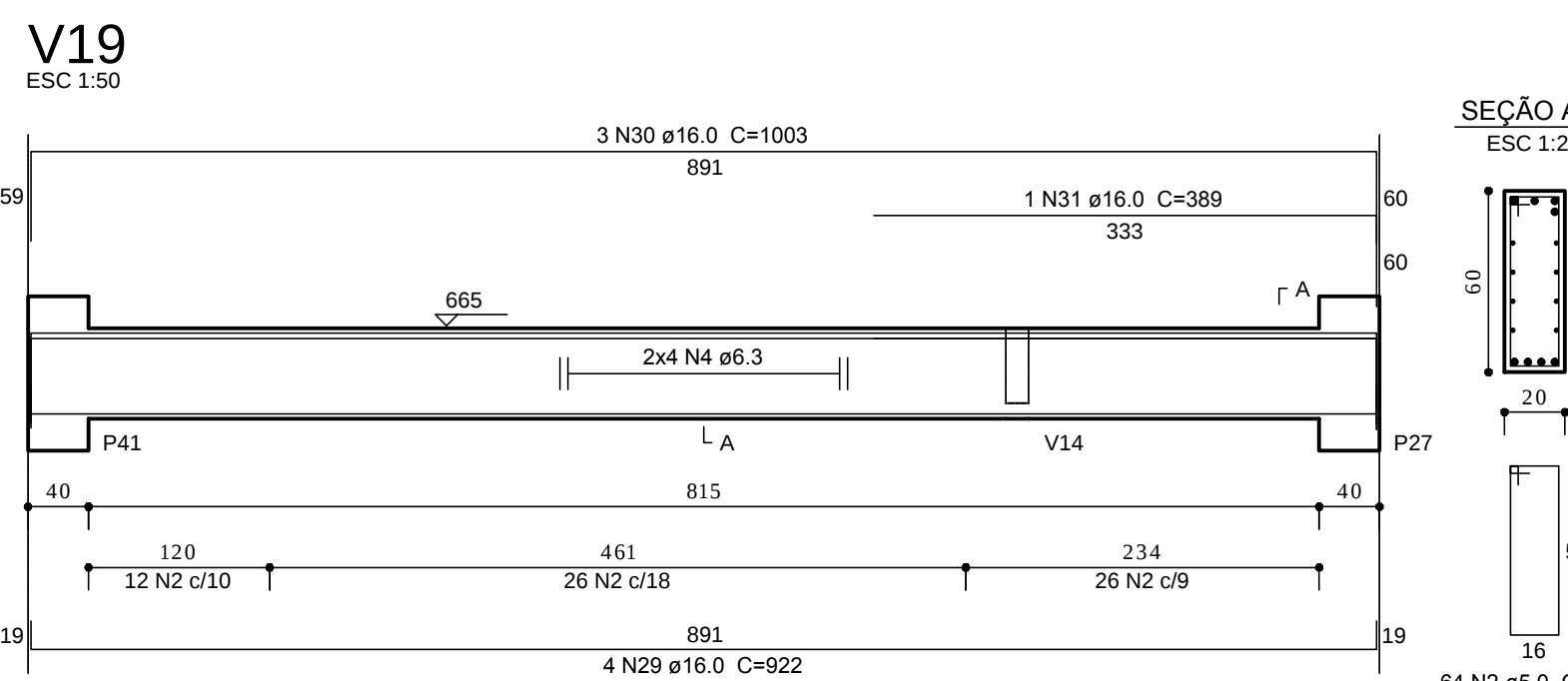
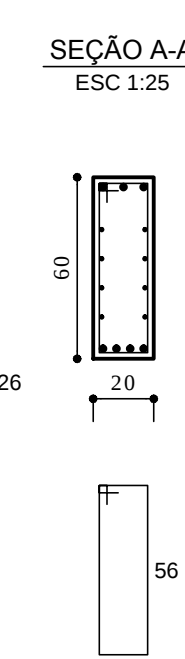
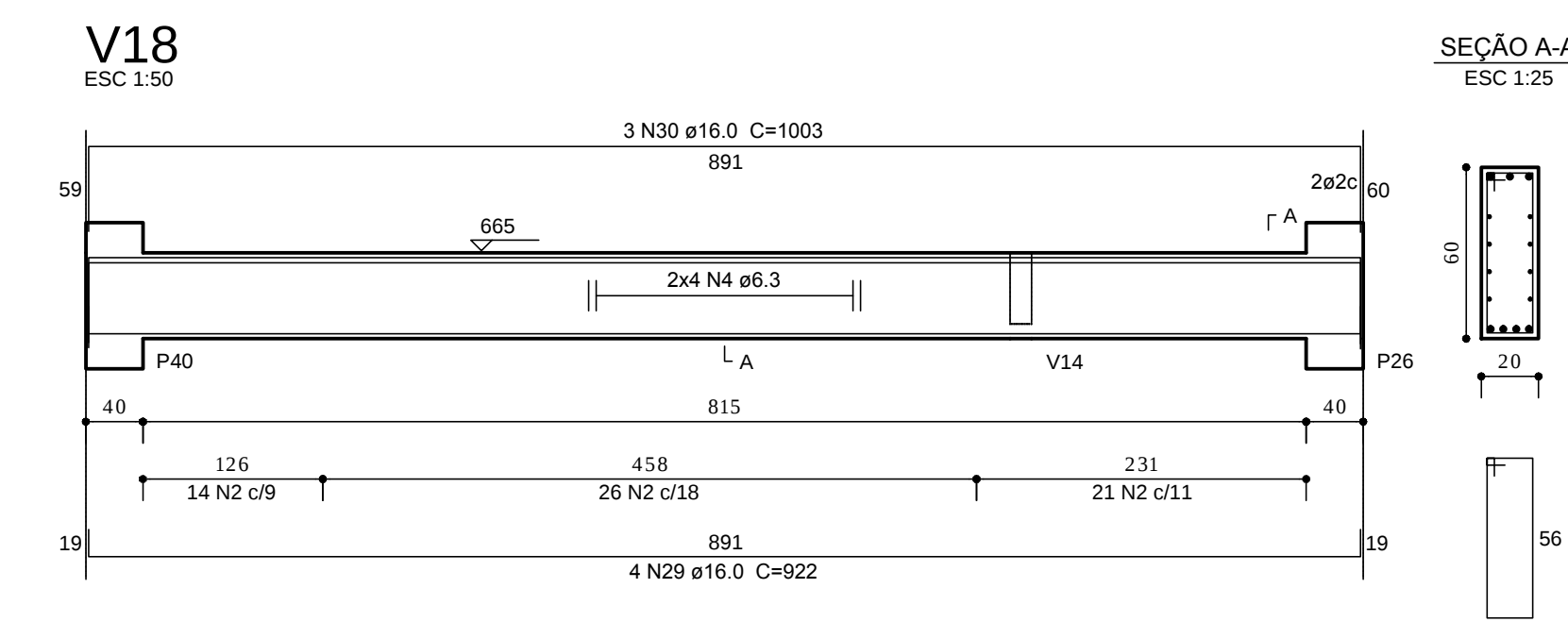
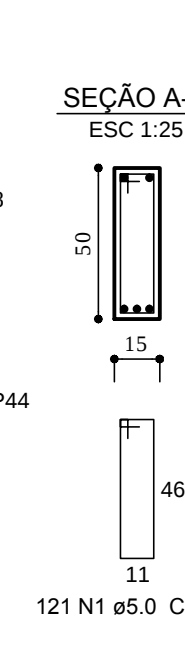
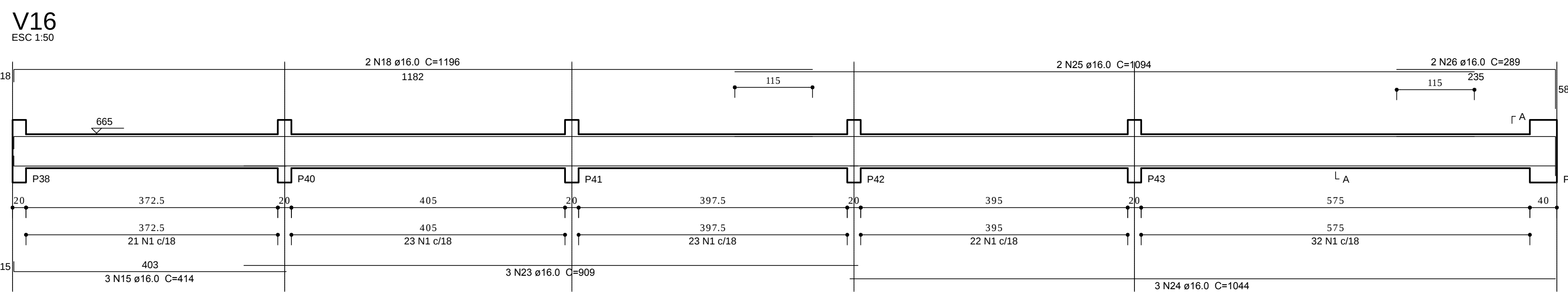
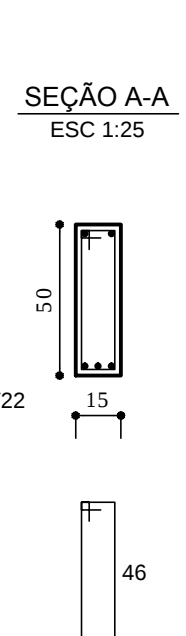
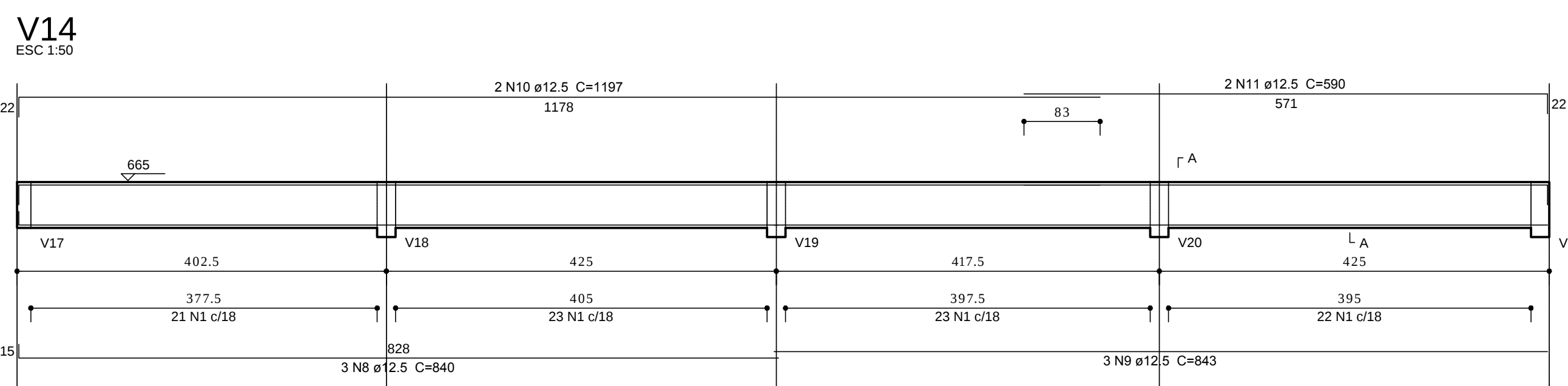
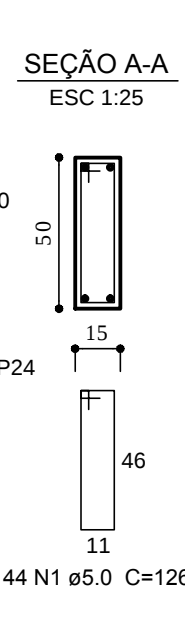
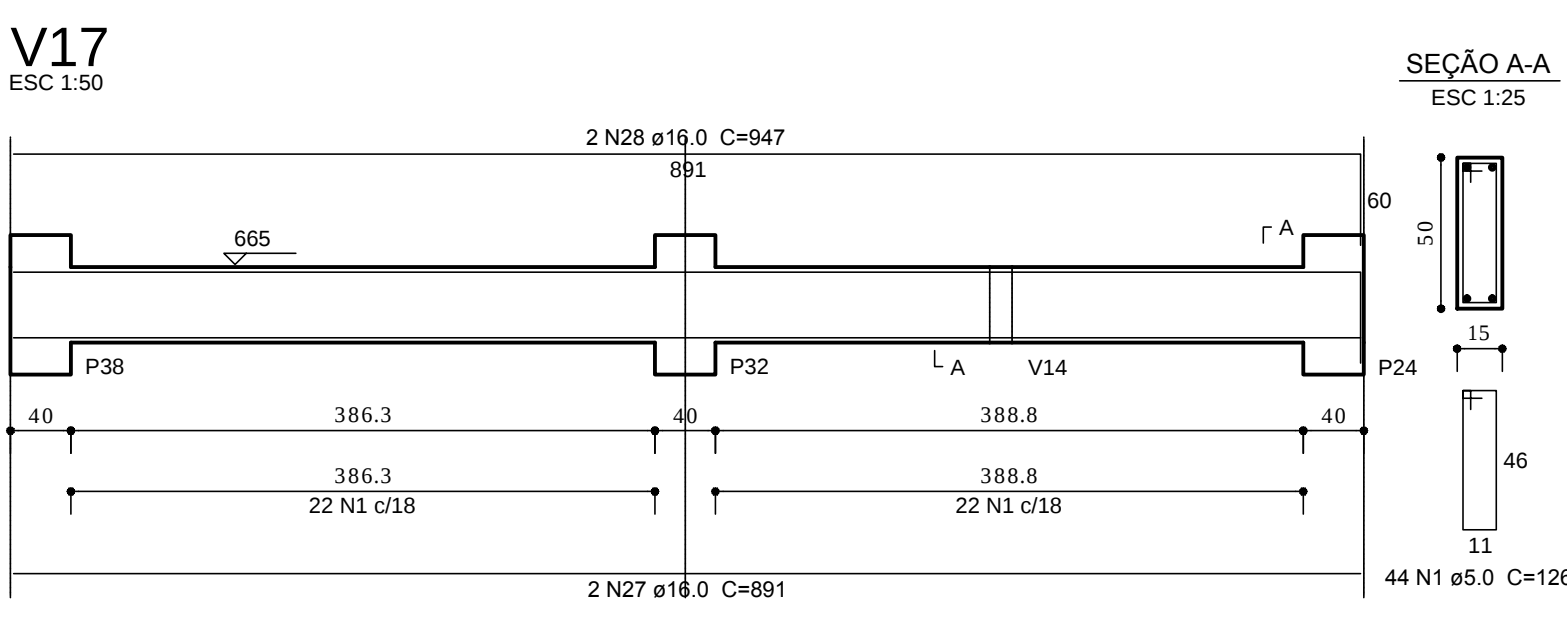
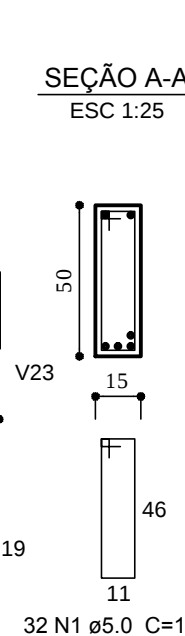
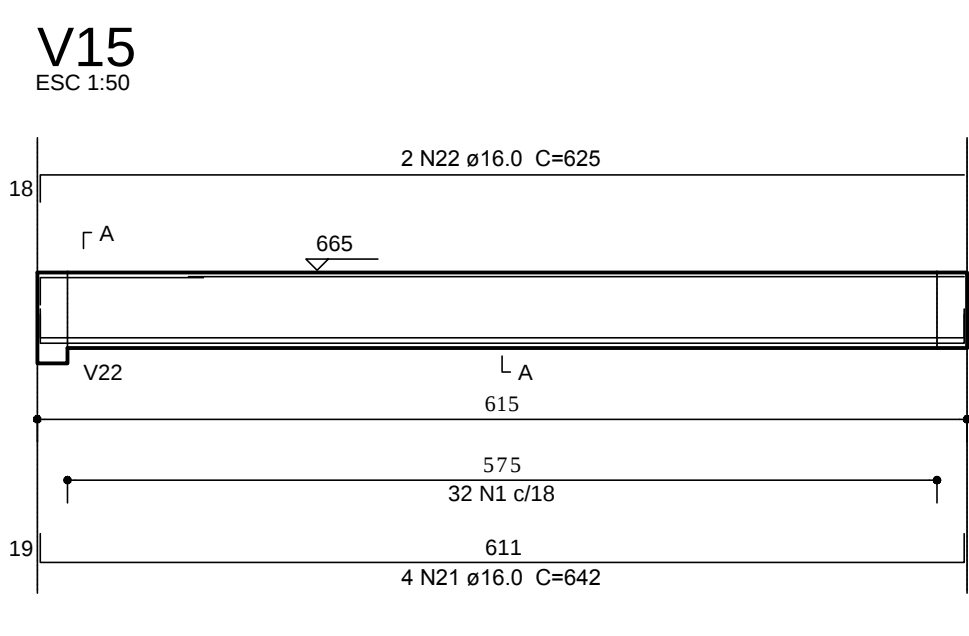
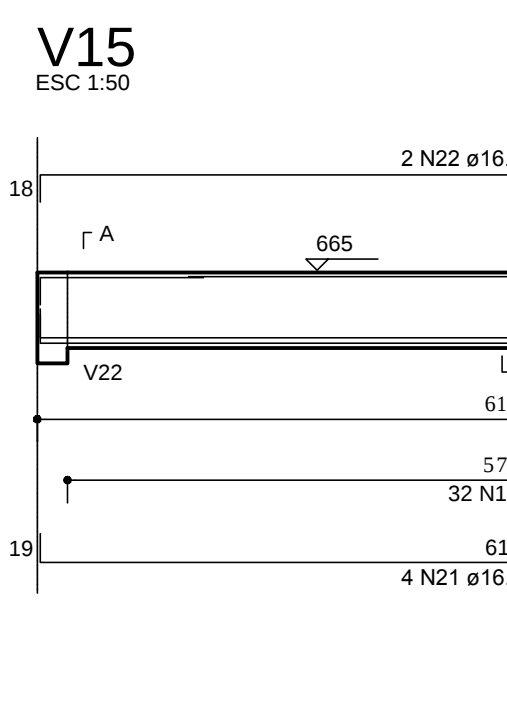
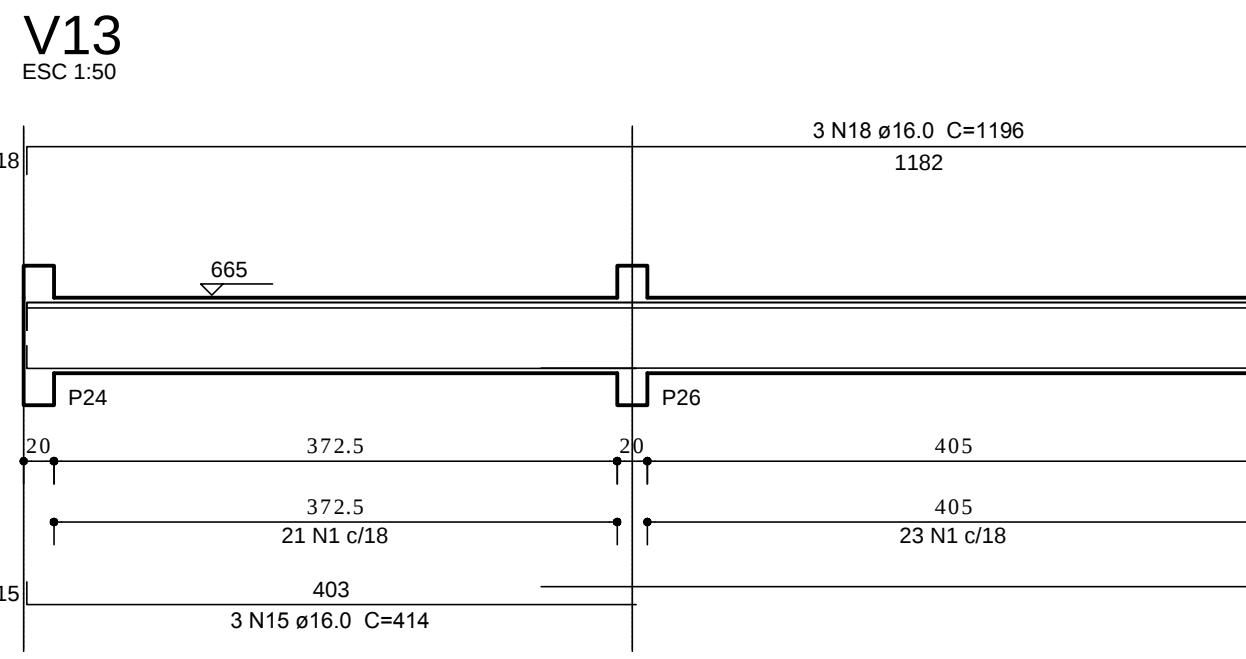
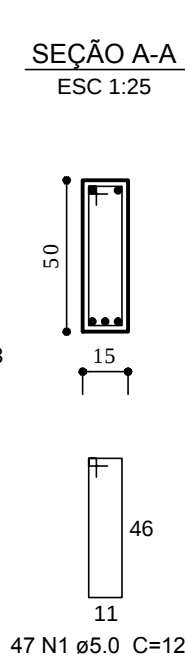
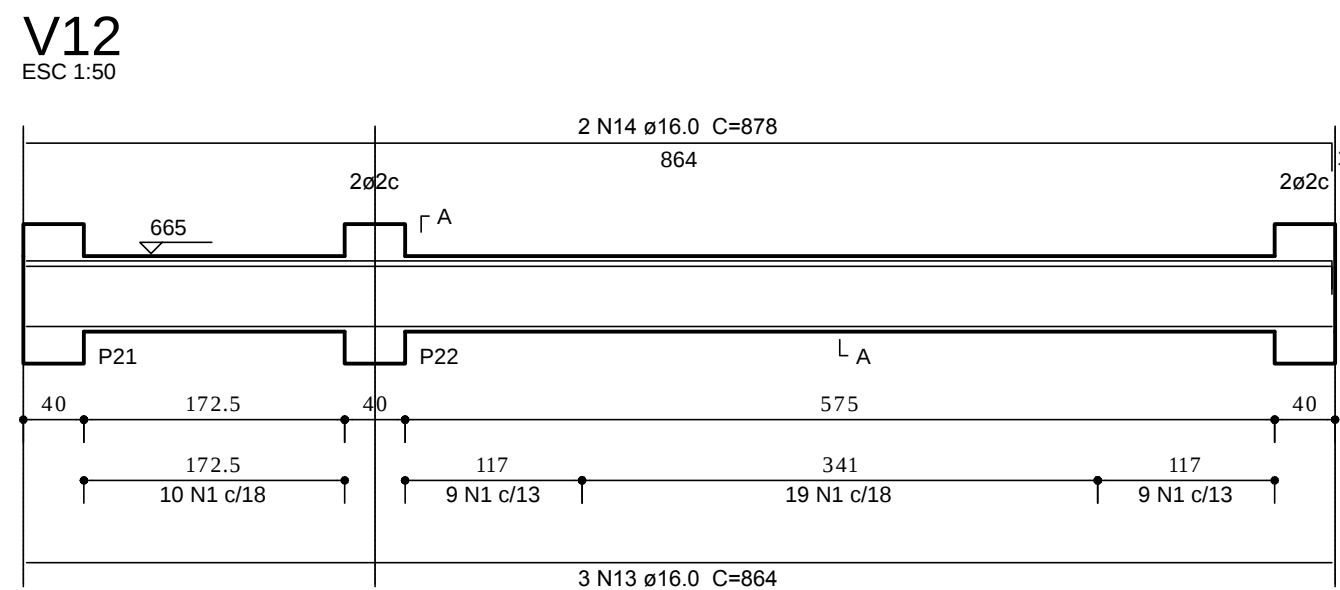


Obs: Direitos autorais conforme Lei nº 9.610 de 19.02.1998.
Criado por **PAR** PROJETOS DE ENGENHARIA E ARQUITETURA LTDA - CLICPROJETO
CNPJ: 16.669.975/0001-17 Registro Crea - SC: 124083-1



Relação do aço									
ÁÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	Resumo do aço			
V12	V13	V14	V15	V16	V17	V18	V19	V20	V21
V22	V23								
CA60	1	5.0	457	126	97682				
	2	5.0	332	156	51792				
	3	5.0	91	136	12376				
	4	6.3	24	CORR	21384				
	5	6.3	8	CORR	3432				
	6	6.3	24	CORR	10344				
	7	6.3	8	CORR	6952				
	8	12.5	3	840	2520				
	9	12.5	3	843	2529				
	10	12.5	2	1197	2394				
	11	12.5	2	590	1180				
	12	12.5	2	887	1774				
	13	16.0	3	864	2592				
	14	16.0	2	678	1756				
	15	16.0	6	414	2484				
	16	16.0	3	1156	3468				
	17	16.0	3	906	2718				
	18	16.0	5	1186	5980				
	19	16.0	3	1077	3231				
	20	16.0	3	232	696				
	21	16.0	4	642	2668				
	22	16.0	2	625	1250				
	23	16.0	3	909	2727				
	24	16.0	3	1044	3132				
	25	16.0	2	1094	2188				
	26	16.0	2	289	578				
	27	16.0	2	891	1762				
	28	16.0	2	947	1884				
	29	16.0	12	922	11064				
	30	16.0	9	1003	9027				
	31	16.0	1	389	389				
	32	16.0	1	388	388				
	33	16.0	10	855	8550				
	34	16.0	8	667	6636				
	35	16.0	3	1065	3195				
	36	16.0	3	822	2466				
	37	16.0	3	588	1764				
	38	16.0	1	295	295				
	39	16.0	3	1157	3471				

ÁÇO	DIAM	C.TOTAL (m)	BARRAS + 10 % (unif)
CA50	6.3	421.2	39
	12.5	104	10
	16.0	865.9	79
CA60	5.0	1217.5	111

Vol. de concreto total (C-25) = 14.45 m³
Área de forma total = 192.82 m²

APROVAÇÃO/PREFEITURA

Responsável Técnico



Rua Pastor Blumel, 30 - Sala 101-
Edifício Paris - Centro - Timbó - SC
Cep: 89120-000
Fone / Fax: (47) 3382 6464
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**AMPLIAÇÃO ESCOLA MUNICIPAL
PROFº NESTOR MARGARIDA**

Rua Tupiniquim - nº 35 - Araponguinhas - Timbó - SC

Prefeitura Municipal de Timbó

Especificação
VIGAS DO PAVIMENTO 2º TIPO

Escala: Indica

Prancha

166,26m³
07/10

www.clicprojeto.com

PROJETO ESTRUTURAL