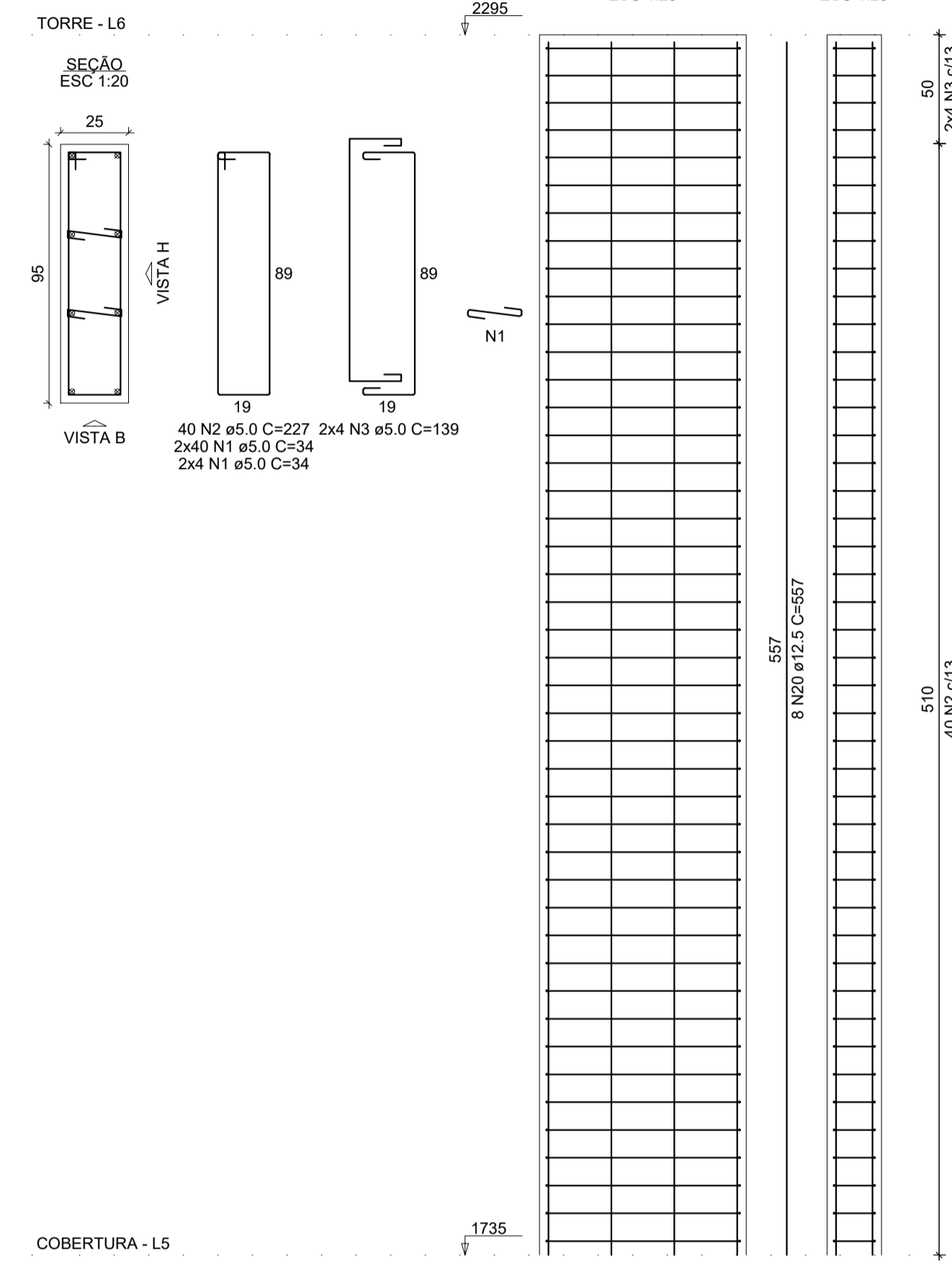
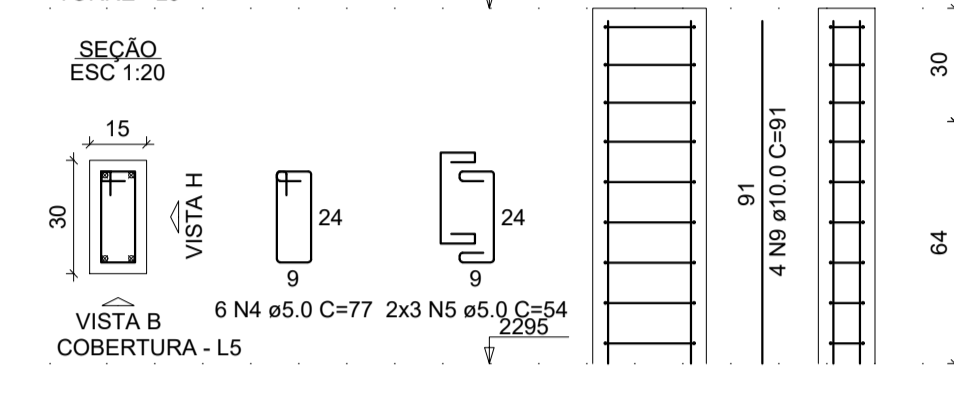


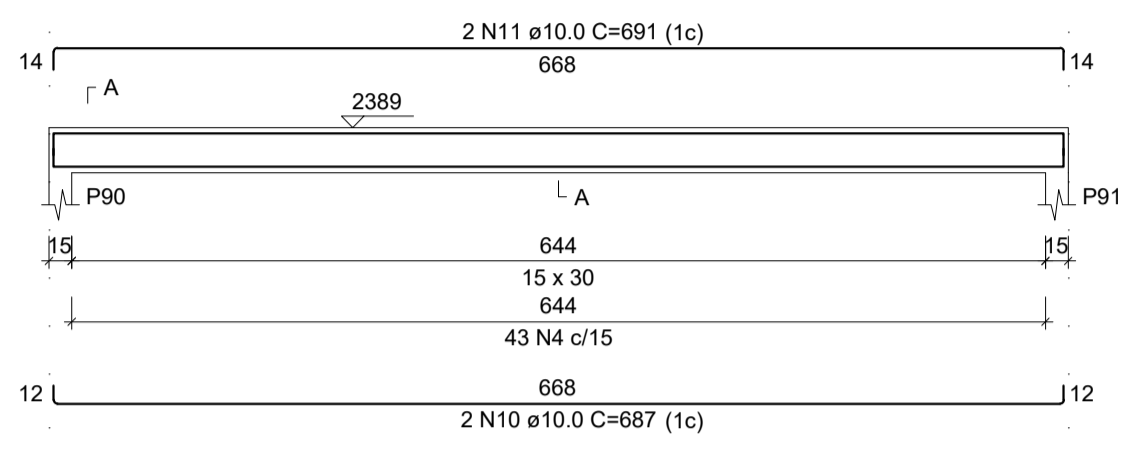
P31=P32=P37=P38



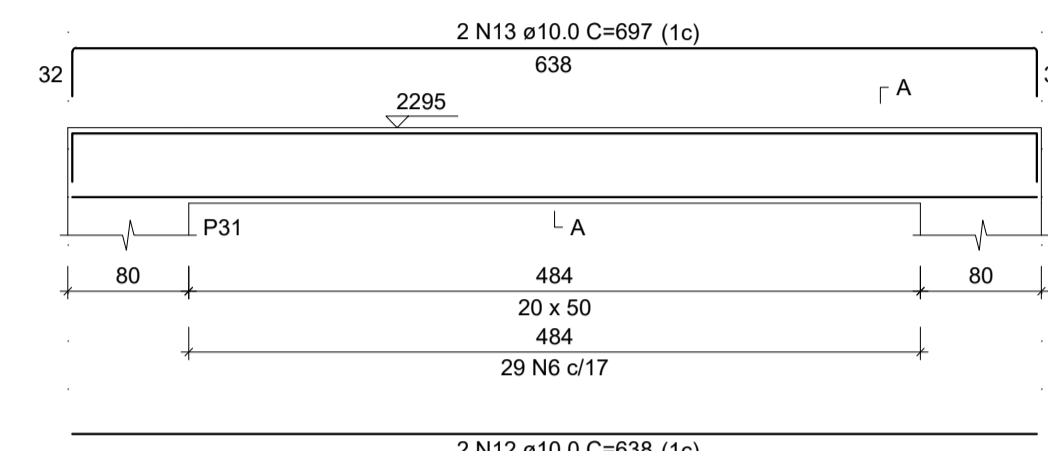
P90=P91



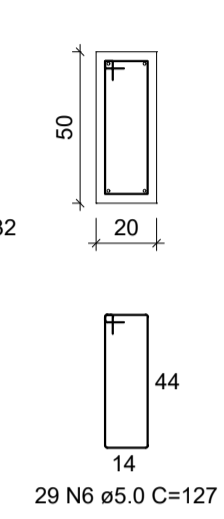
V1
ESC 1:50



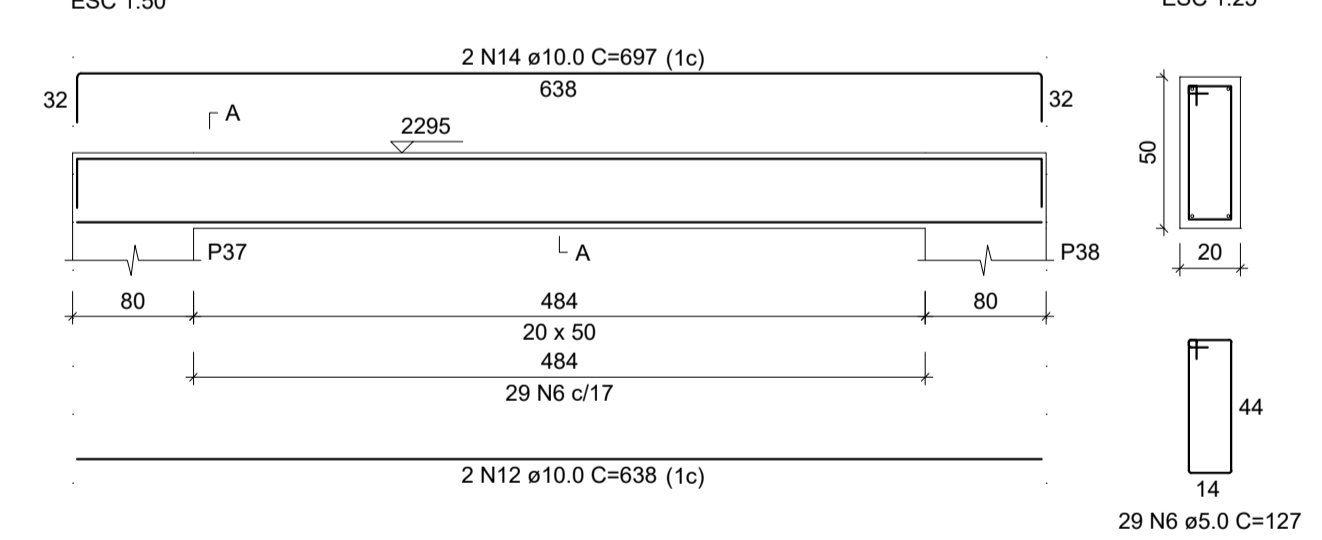
V2
ESC 1:50



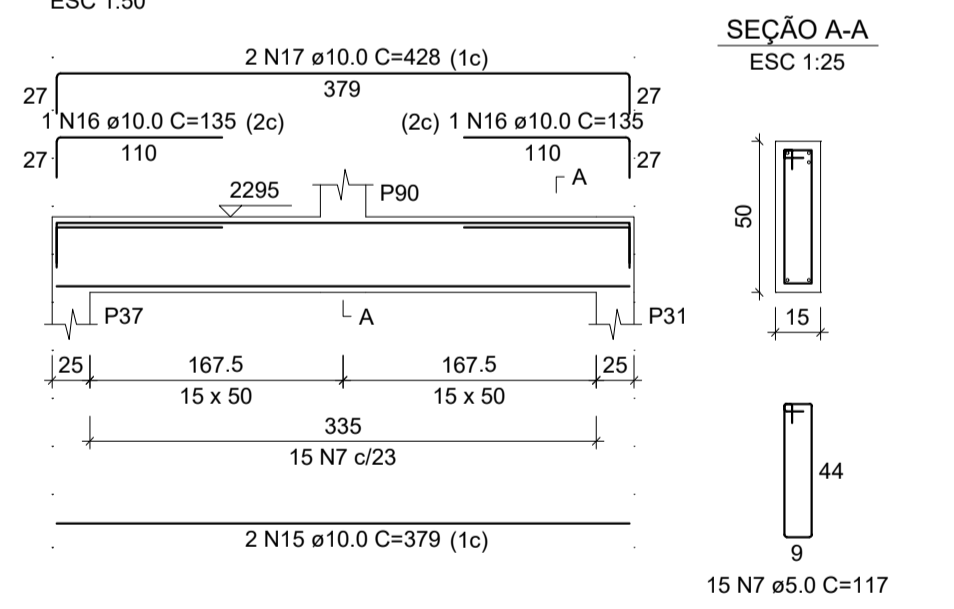
SEÇÃO A-A
ESC 1:25



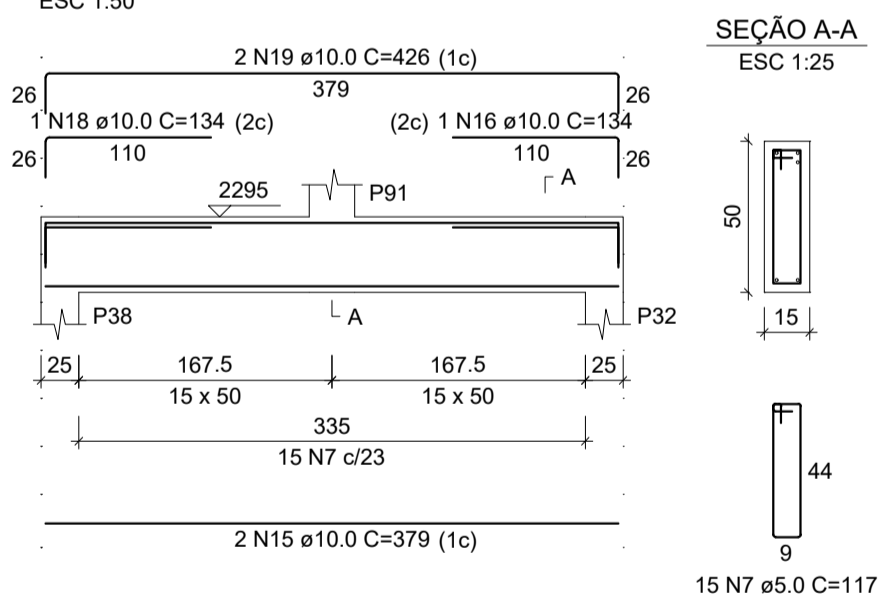
V3
ESC 1:50



V4
ESC 1:50



V5
ESC 1:50



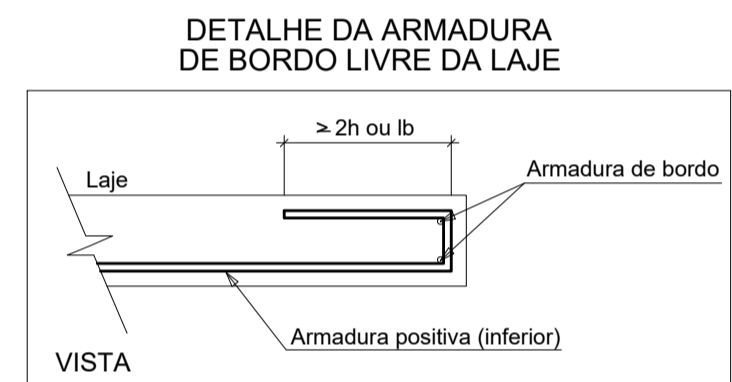
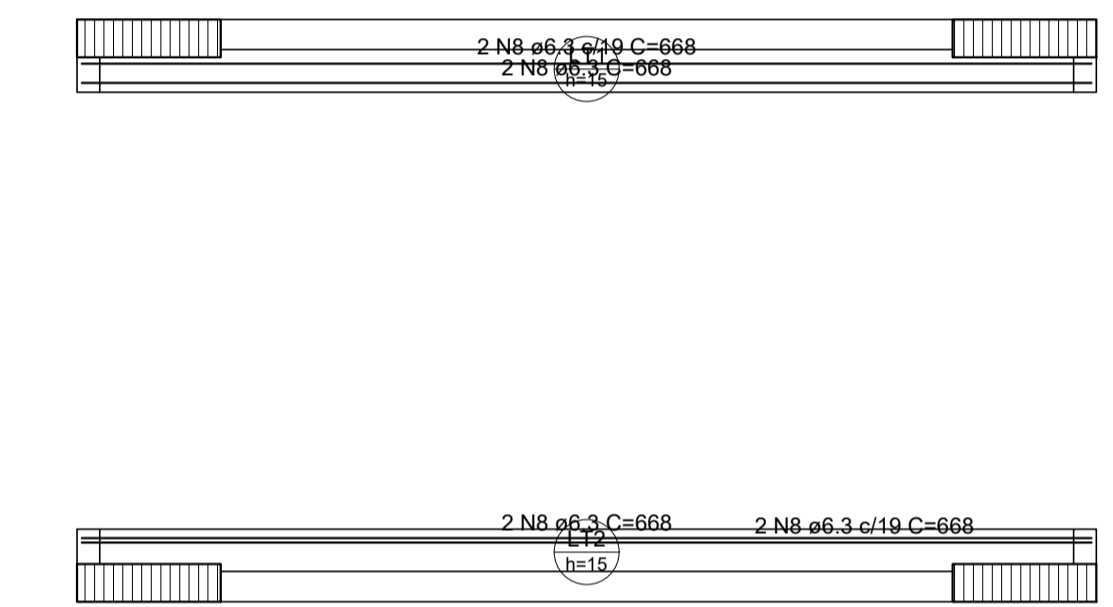
RELAÇÃO DO AÇO

Positivos X	4xP31	2xP90			
V1	V2	V3			
AÇO	N	DIAM (mm)	QUANT	C. UNIT (cm)	C. TOTAL (cm)
CA60	1	5.0	352	34	11968
	2	5.0	160	227	36320
	3	5.0	32	139	4448
	4	5.0	55	77	4235
	5	5.0	12	54	648
	6	5.0	58	127	7366
	7	5.0	30	117	3510
CA50	8	6.3	8	668	5344
	9	10.0	8	91	728
	10	10.0	2	587	1374
	11	10.0	2	691	1382
	12	10.0	4	638	2552
	13	10.0	2	697	1394
	14	10.0	2	697	1394
	15	10.0	4	379	1516
	16	10.0	3	135	405
	17	10.0	2	428	856
	18	10.0	1	134	134
	19	10.0	2	426	852
	20	12.5	32	557	17824

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 10% (kg)
CA50	6.3	53.4	14.4
	10.0	125.9	85.4
CA60	5.0	178.2	188.9
		685	116.1
PESO TOTAL			
CA50		288.6	
CA60		116.1	

Volume de concreto (C-30) = 7.75 m³
Área de forma = 82.61 m²



Armação positiva das lajes do pavimento TORRE (Eixo X)

escala 1:50

CONSTRUTORA STONE

Tudo pelo gol do cliente!

<p>OBRA:</p> <p>NÚCLEO INFANTIL CANTINHO DO CÉU</p>	<p>ÁREA EXISTENTE:</p> <p>0,00 m²</p>	<p>ÁREA A CONSTRUIR:</p> <p>1.199,17m²</p>
<p>LOCAL:</p> <p>BOM JESUS DO AMPARO - MG</p>	<p>EQUIPE TÉCNICA:</p> <p>CLAUDIONOR RODRIGUES Eng. Civil CREA - MG 347/119</p>	
<p>PROPRIETÁRIO:</p> <p>PREFEITURA MUNICIPAL DE BOM JESUS DO AMPARO-MG CNPJ: 18.317.693/0001-06</p>	<p>RESP. TÉCNICO - ENGENHEIRO CIVIL:</p> <p>CLAUDIONOR RODRIGUES (STONE) CREA -MG 347/119</p>	
<p>CONTEÚDO:</p> <p>PILARES VIGAS E LAJE TORRE E COBERTURA</p>	<p>PROJETO:</p> <p>PROJETO ESTRUTURAL</p>	
<p>ESCALA:</p> <p>INDICADA</p>	<p>DESENHISTA:</p> <p>STONE</p>	<p>DATA:</p> <p>FEV/2023</p>
<p>FOLHA:</p> <p>66/ 66</p>		

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.