

		Lajes		Nível (cm)	Sobrecarga (kN/m²)
Nome	Tipo	Altura (cm)	Elevação (cm)		
L1	Treliçada 1D	18	0	80	4.54
L2	Treliçada 1D	18	0	80	4.54
L3	Treliçada 1D	18	0	80	4.54
L4	Treliçada 1D	18	0	80	4.54
L5	Treliçada 1D	18	0	80	4.54
L6	Treliçada 1D	18	0	80	4.54
L7	Treliçada 1D	18	0	80	4.54
L8	Treliçada 1D	18	0	80	4.54
L9	Treliçada 1D	18	0	80	4.54
L10	Treliçada 1D	18	0	80	4.54
L11	Treliçada 1D	18	0	80	4.54
L12	Treliçada 1D	18	0	80	4.54
L13	Treliçada 1D	18	0	80	4.54

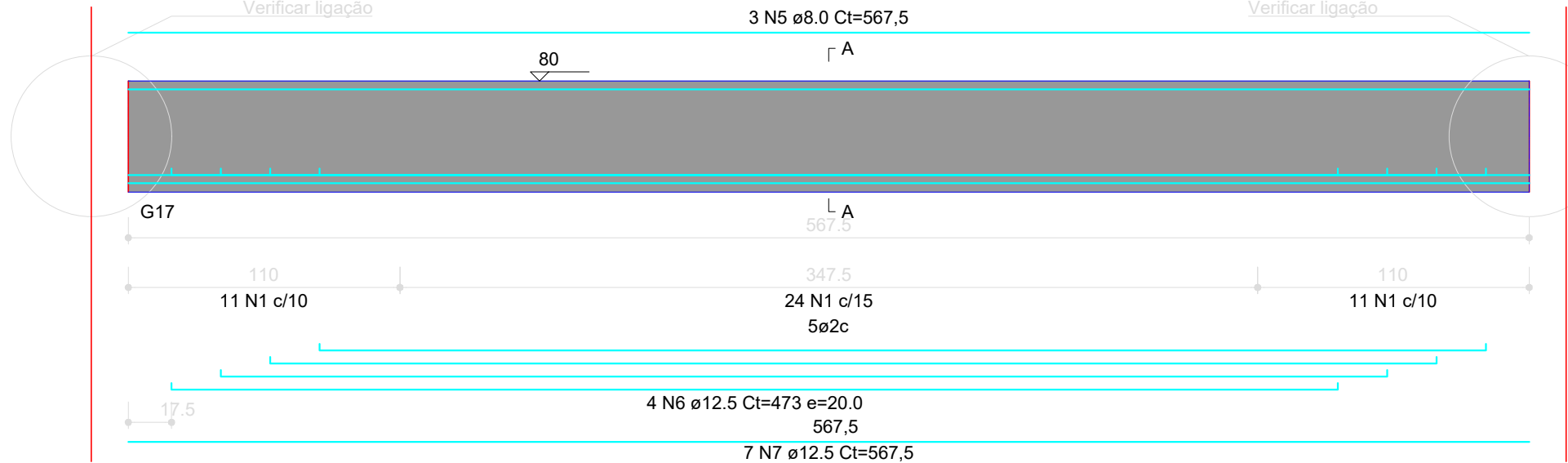
		Blocos de enchimento		Qtd
Detalhe	Tipo	Nome	Dimensões (cm)	
1	Lajota cerâmica	B12/30/20	hb bx by 12 30 20	3536

Características dos materiais	
fck (MPa)	Ecs (MPa)
25	24150

Legenda das vigas e paredes	
	Viga à construir
	Viga existente
	Junta de dilatação entre as lajes

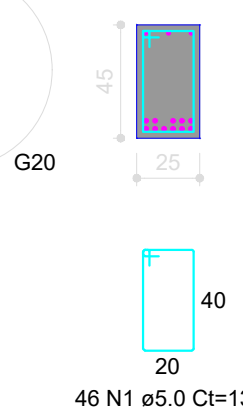
V1 (25 x 45)

ESC 1:25



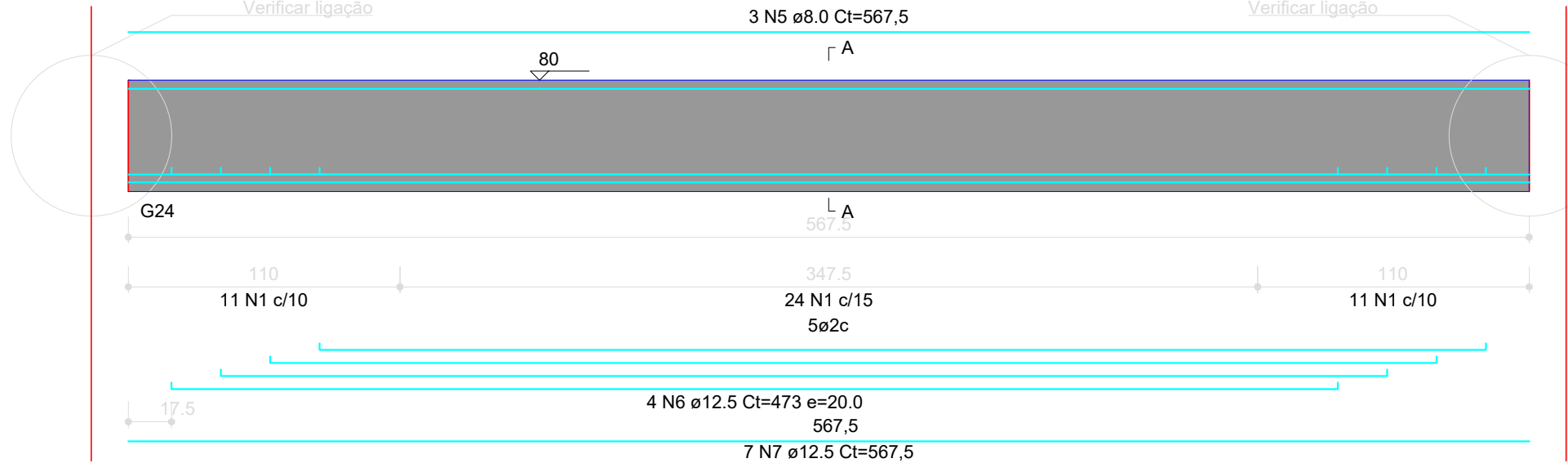
SEÇÃO A-A

ESC 1:30



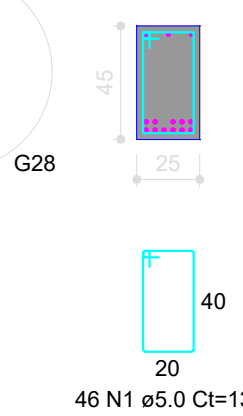
V2 (25 x 45)

ESC 1:25



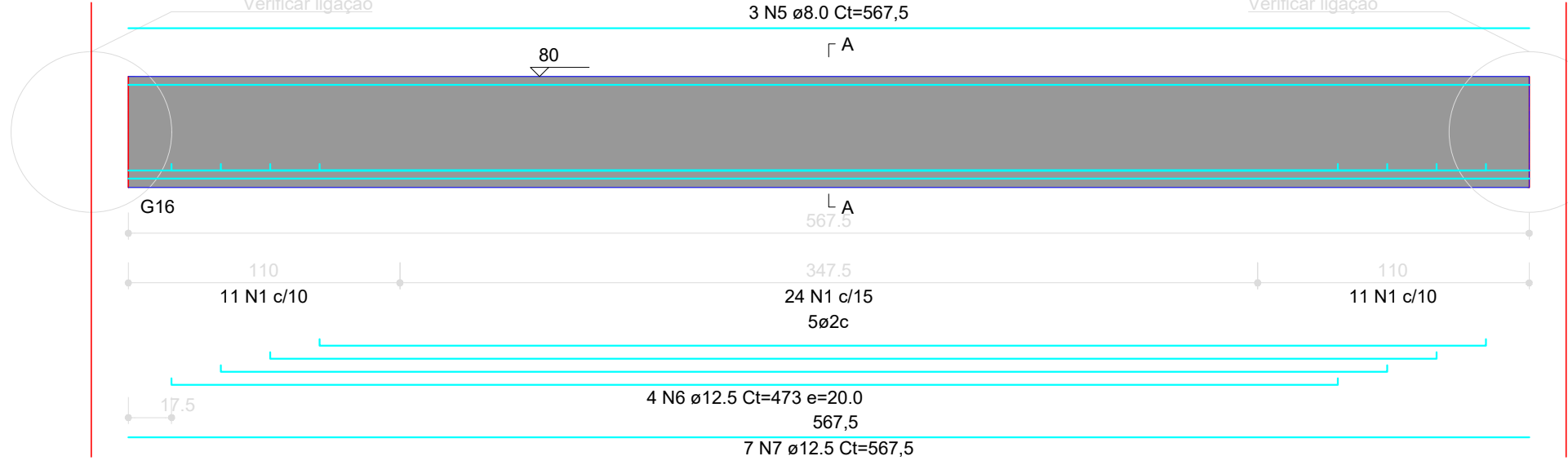
SEÇÃO A-A

ESC 1:30



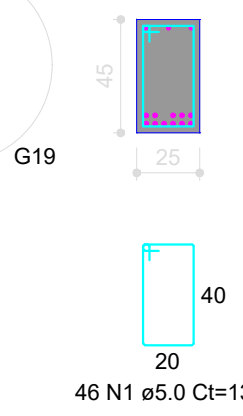
V3 (25 x 45)

ESC 1:25



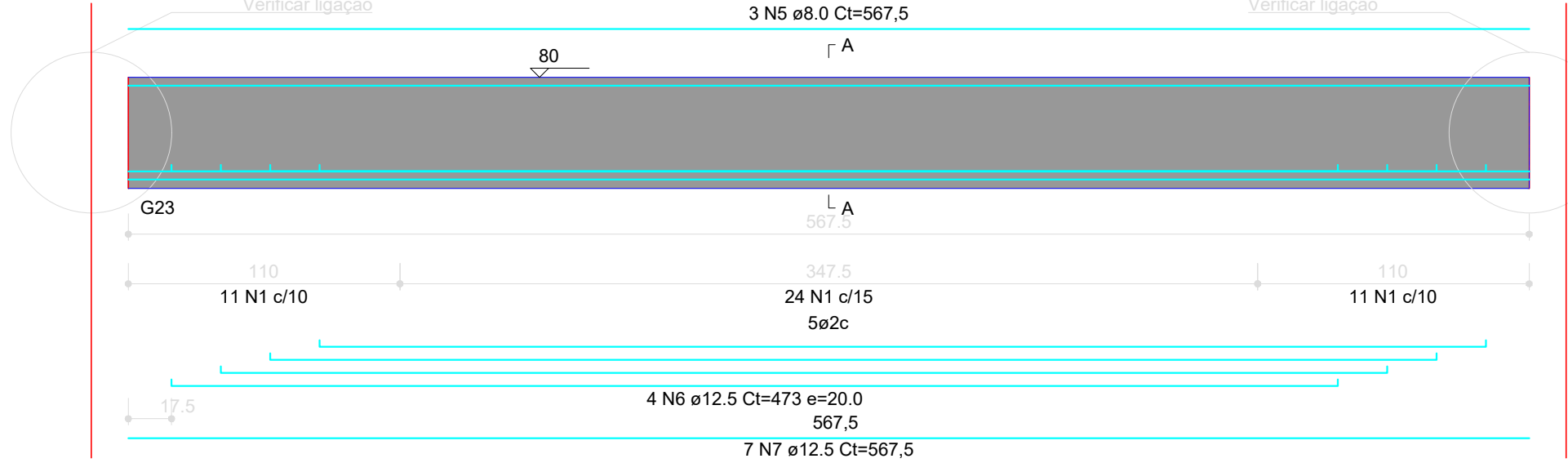
SEÇÃO A-A

ESC 1:30



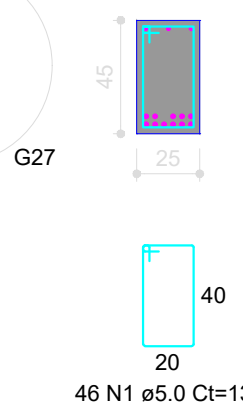
V4 (25 x 45)

ESC 1:25



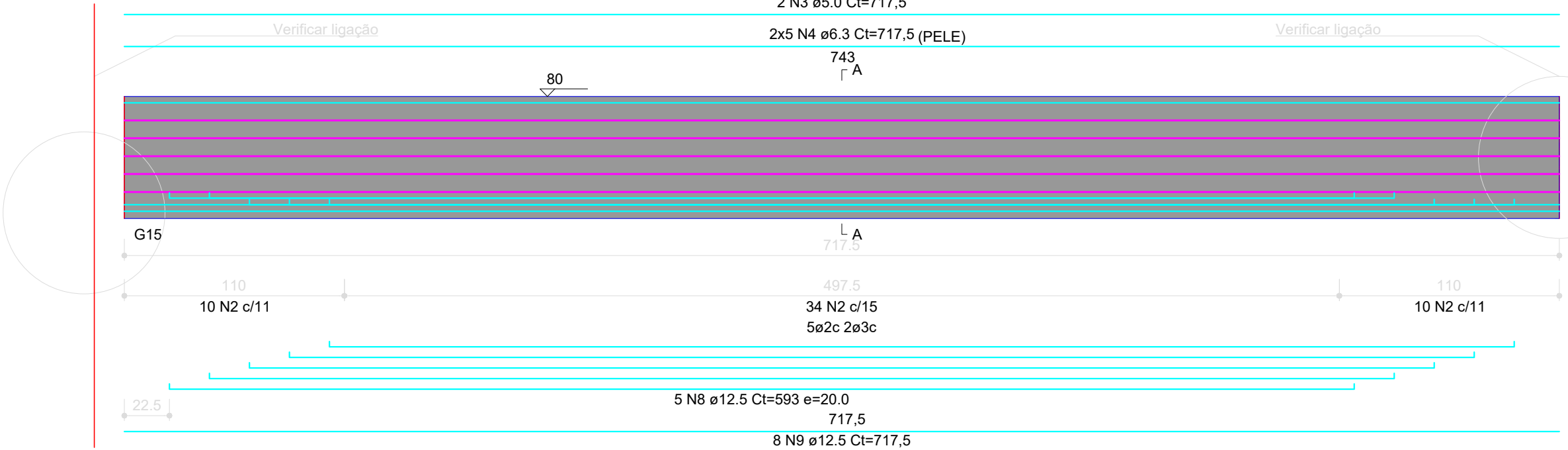
SEÇÃO A-A

ESC 1:30



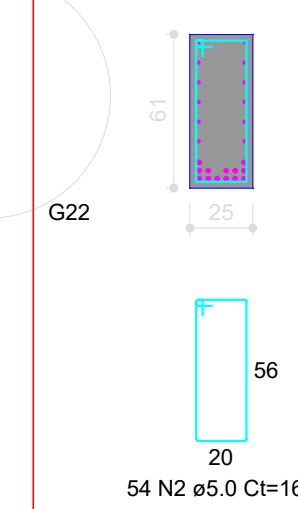
V5 (25 x 61)

ESC 1:25



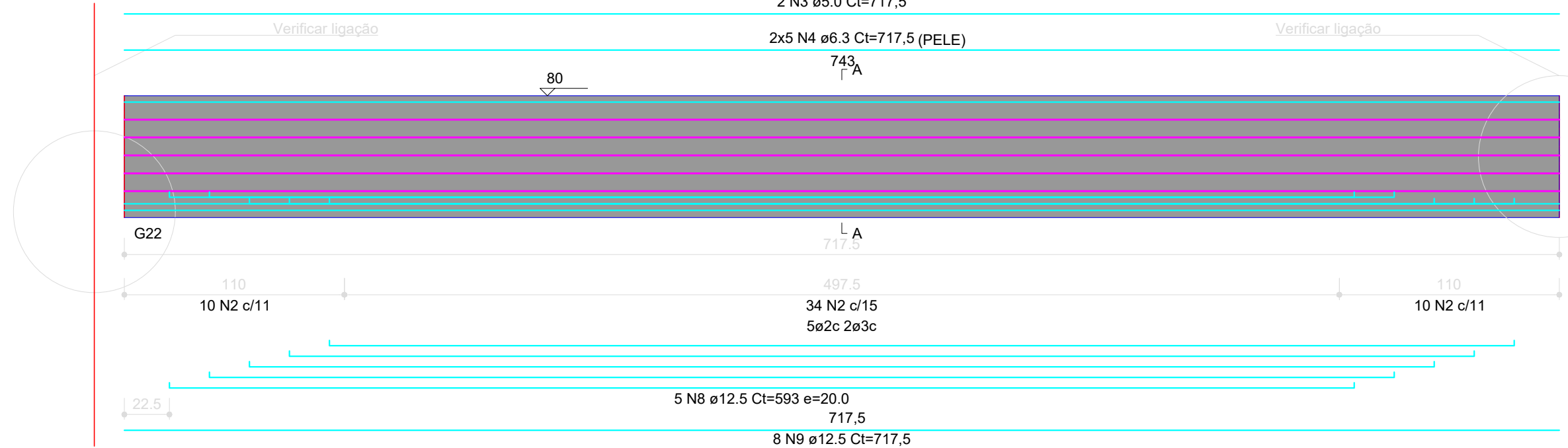
SEÇÃO A-A

ESC 1:30



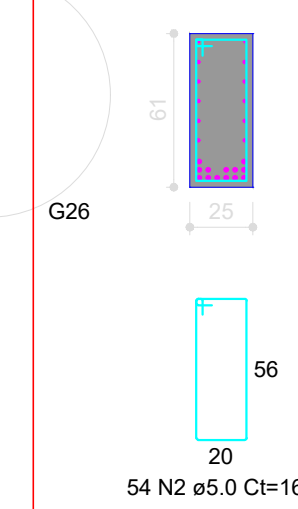
V6 (25 x 61)

ESC 1:25



SEÇÃO A-A

ESC 1:30

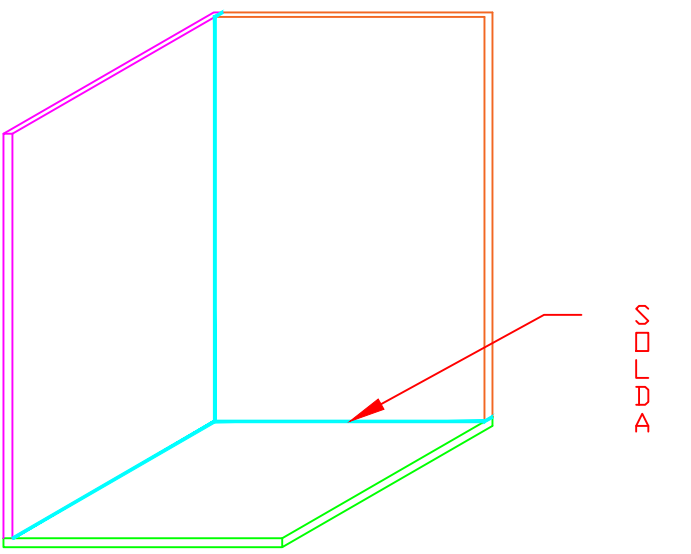
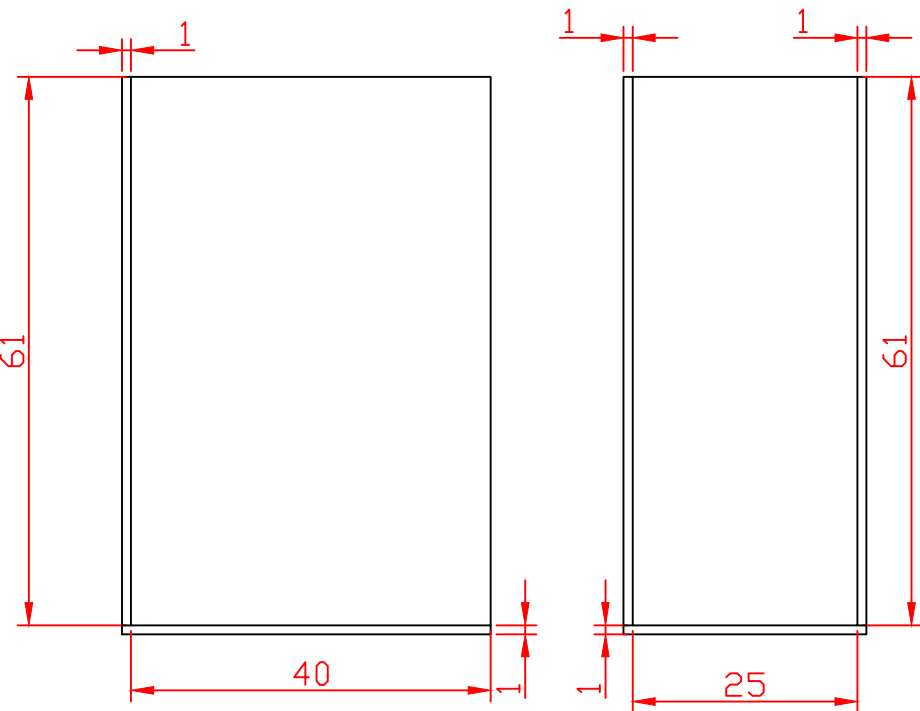
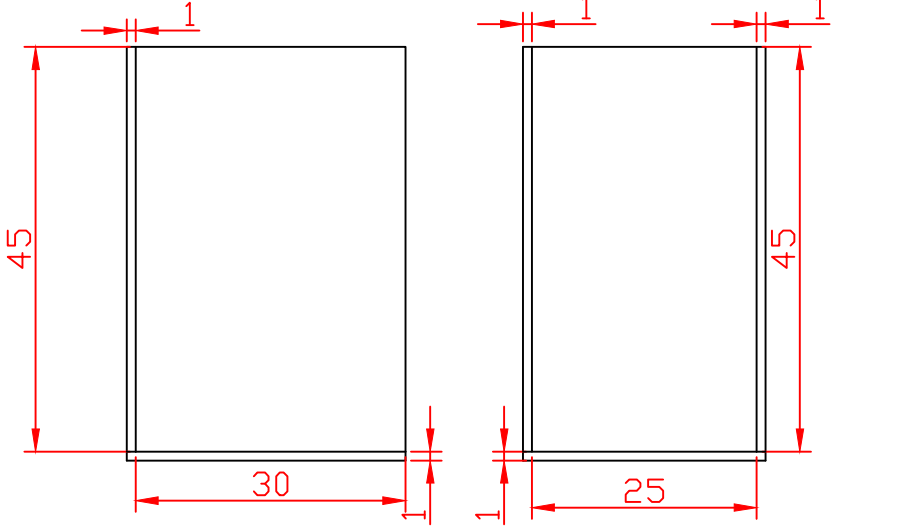


		V1		V2		V3	
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	184	131	24104		
	2	5.0	108	163	17604		
	3	5.0	4	717.5	2870		
CA50	4	6.3	20	717.5	14350		
	5	8.0	12	887.5	6810		
	6	12.5	16	473	7568		
	7	12.5	28	567.5	15890		
	8	12.5	10	593	5930		
	9	12.5	16	717.5	11480		

		RESUMO DO AÇO	
ACO	N	DIAM (mm)	PESO + 10% (kg)
CA50	6.3	143.5	35.2
	8.0	68.1	26.9
CA60	12.5	408.68	393.6
	5.0	446.8	75.8
PESO TOTAL (kg)		455.7	
CA50		455.7	
CA60		75.8	

Volume de concreto (C-25) = 4.74 m³
Área de forma = 47.20 m²

DETALHE CONSOLO METÁLICO



ASSINATURAS	
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INTERVENÇÃO: AMPLIAÇÃO	ART Nº: DIREITOS AUTORAIS RESERVADOS POR LEI.
REVISÃO	
00	
PREFEITURA MUNICIPAL DE GASPAR SECRETARIA MUNICIPAL DE EDUCAÇÃO - SEMED RUA SÃO PEDRO Nº 128 - CENTRO - GASPAR - CEP 89110-082	
UBRA:	PROJETO ESTRUTURAL
ENDERECO: Rua Pedro B. Sabat, 405 - Margem Esquerda, Gaspar - SC, 89115-008	ESCALA: INDICADA
CONTEUDO:	FRANCHA:
LAJE TRELIÇADA COM PREENCHIMENTO EM BLOCO CERÂMICO	E01
Nº DE FRANCHAS: 11	DESENHISTA: JOÃO LUCAS WEHMUTH DA SILVA
	DATA: 12 maio 2021