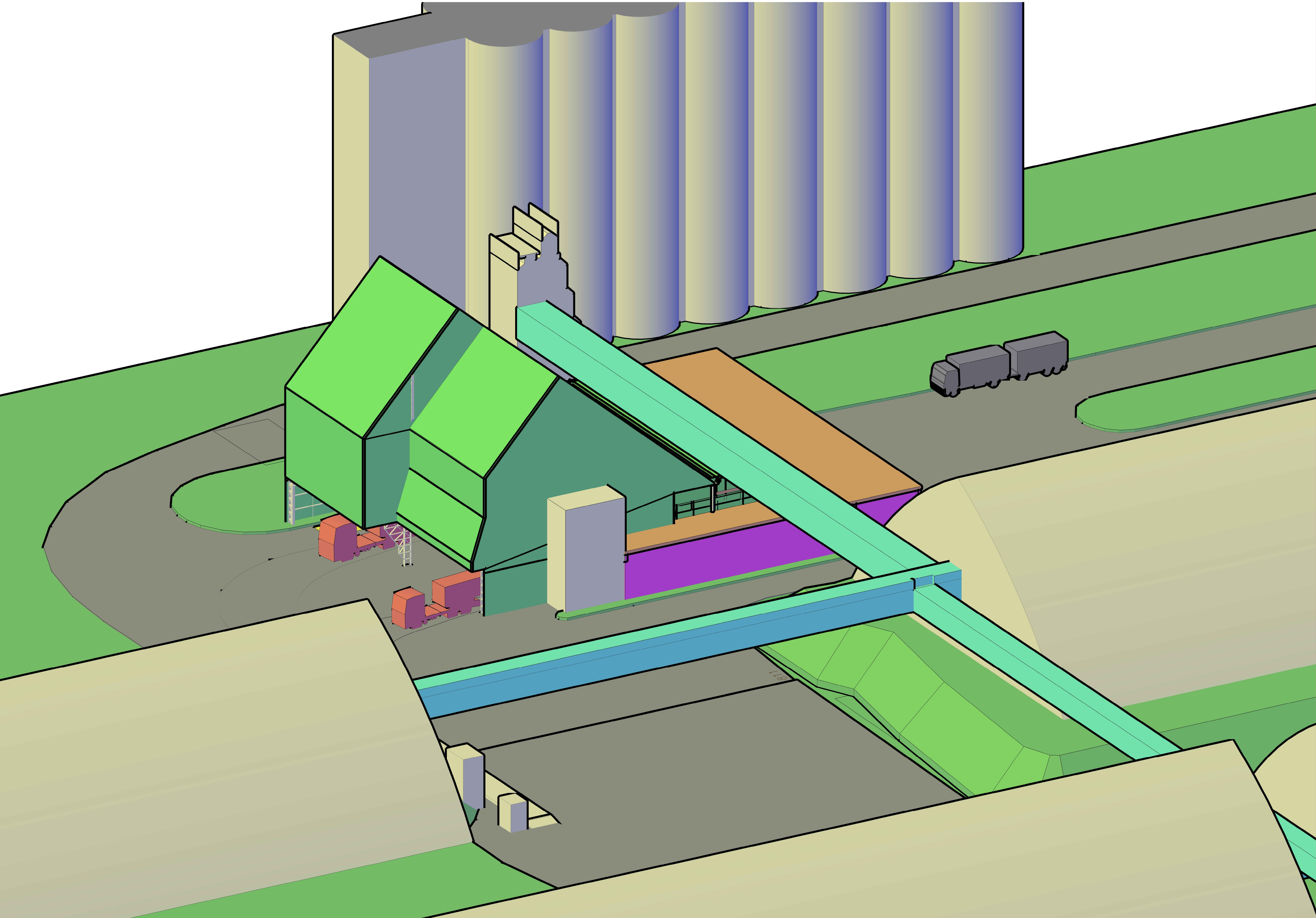
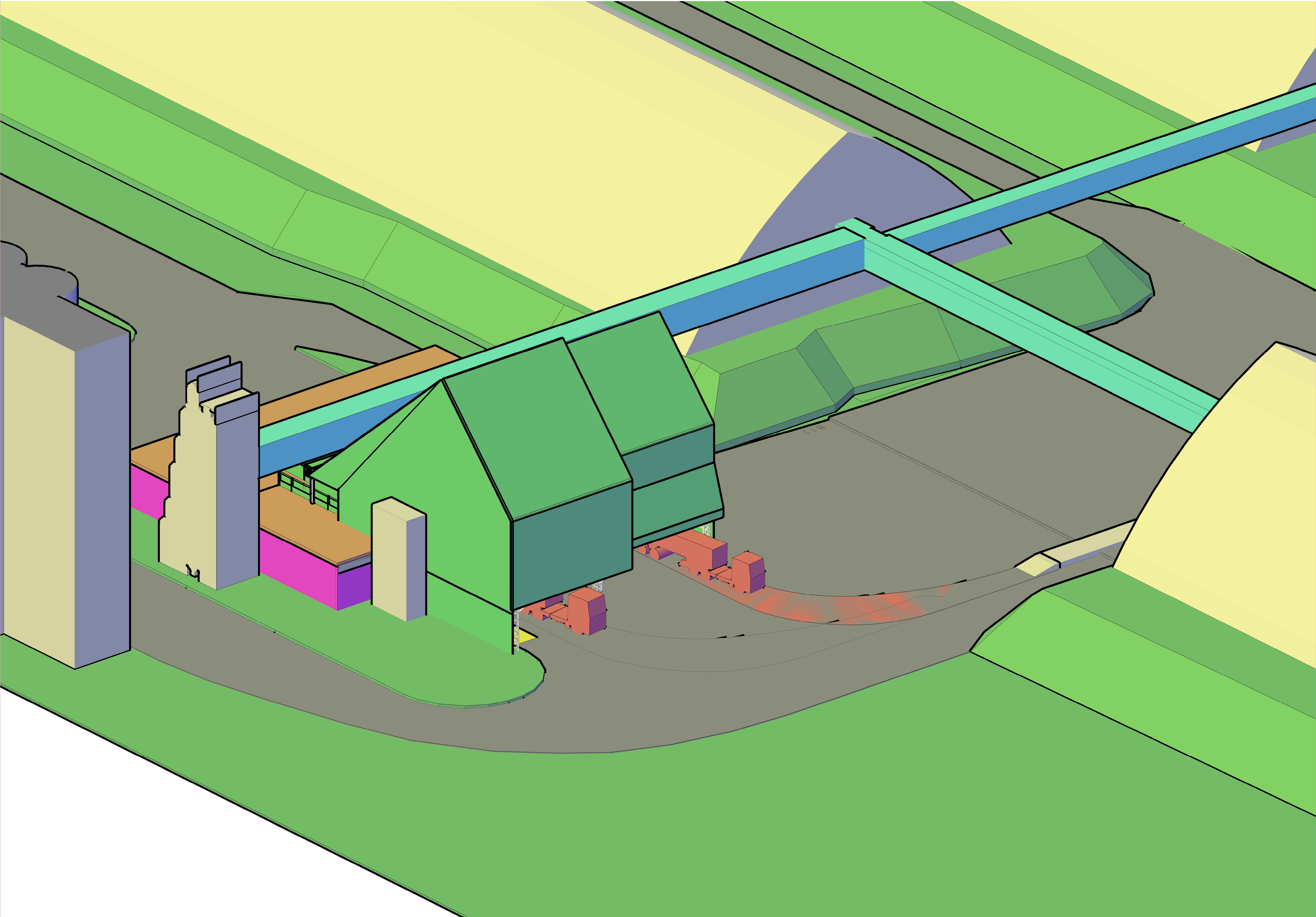
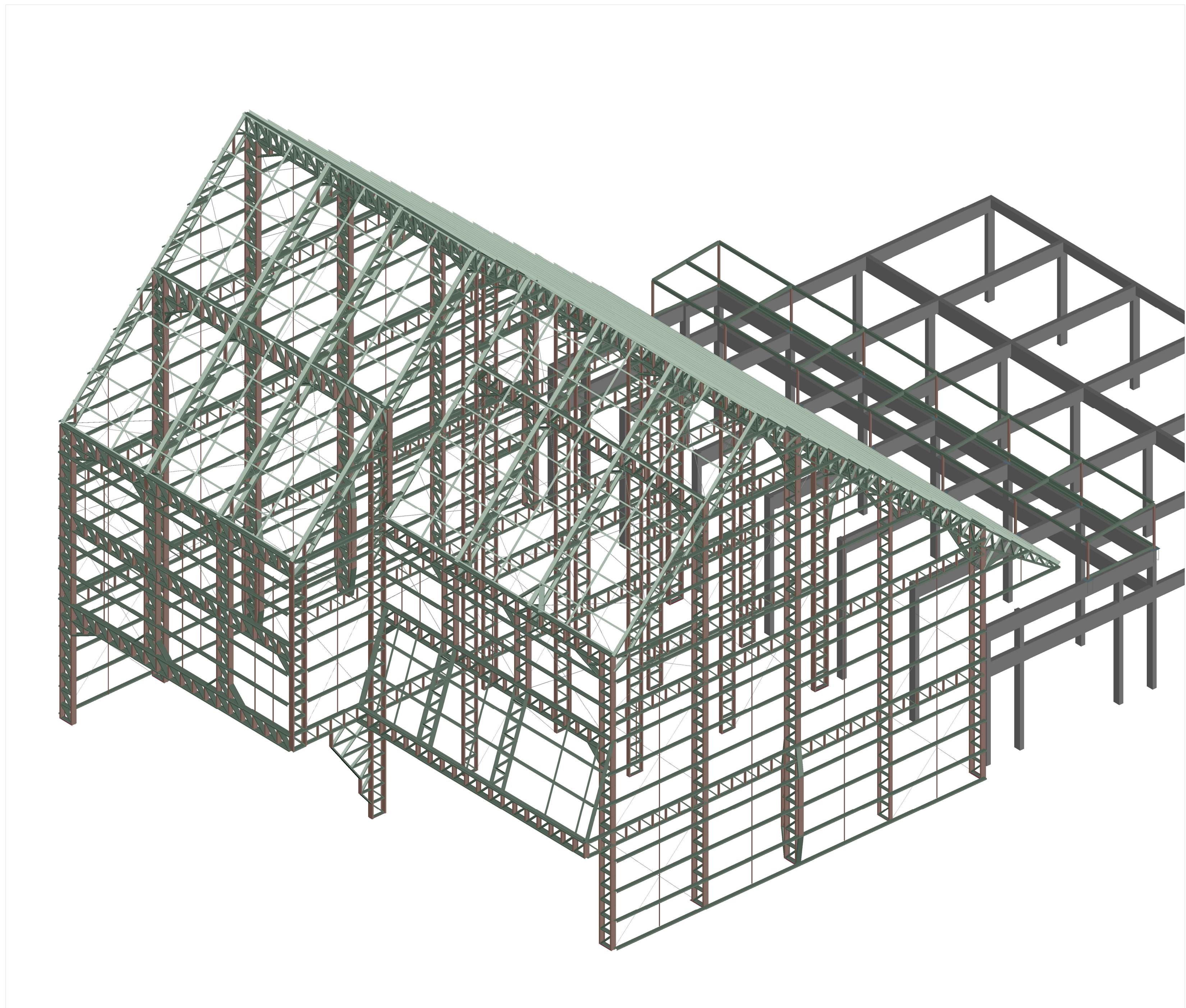




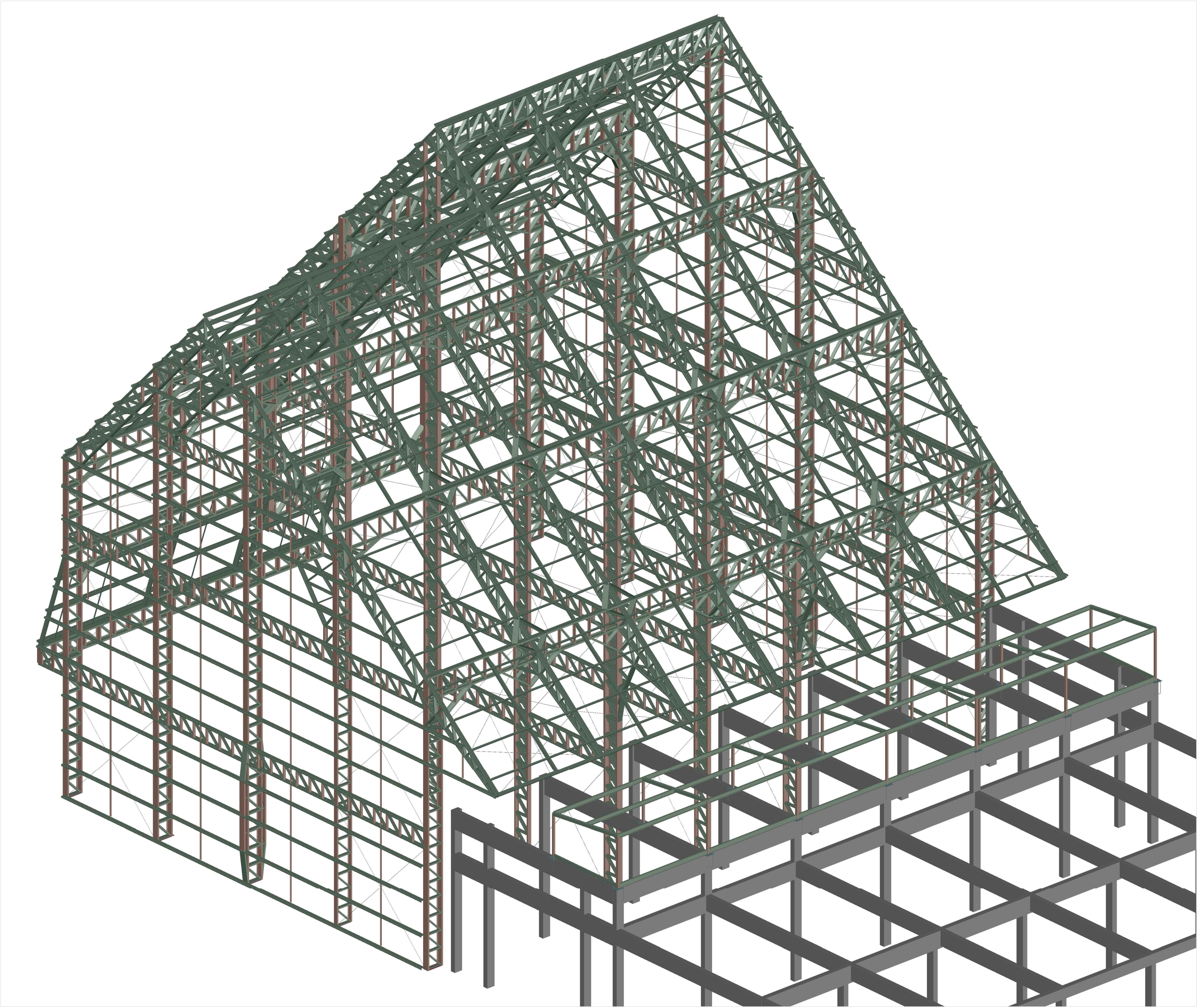
VISTA 3D GERAL 01/02
SEM ESCALA



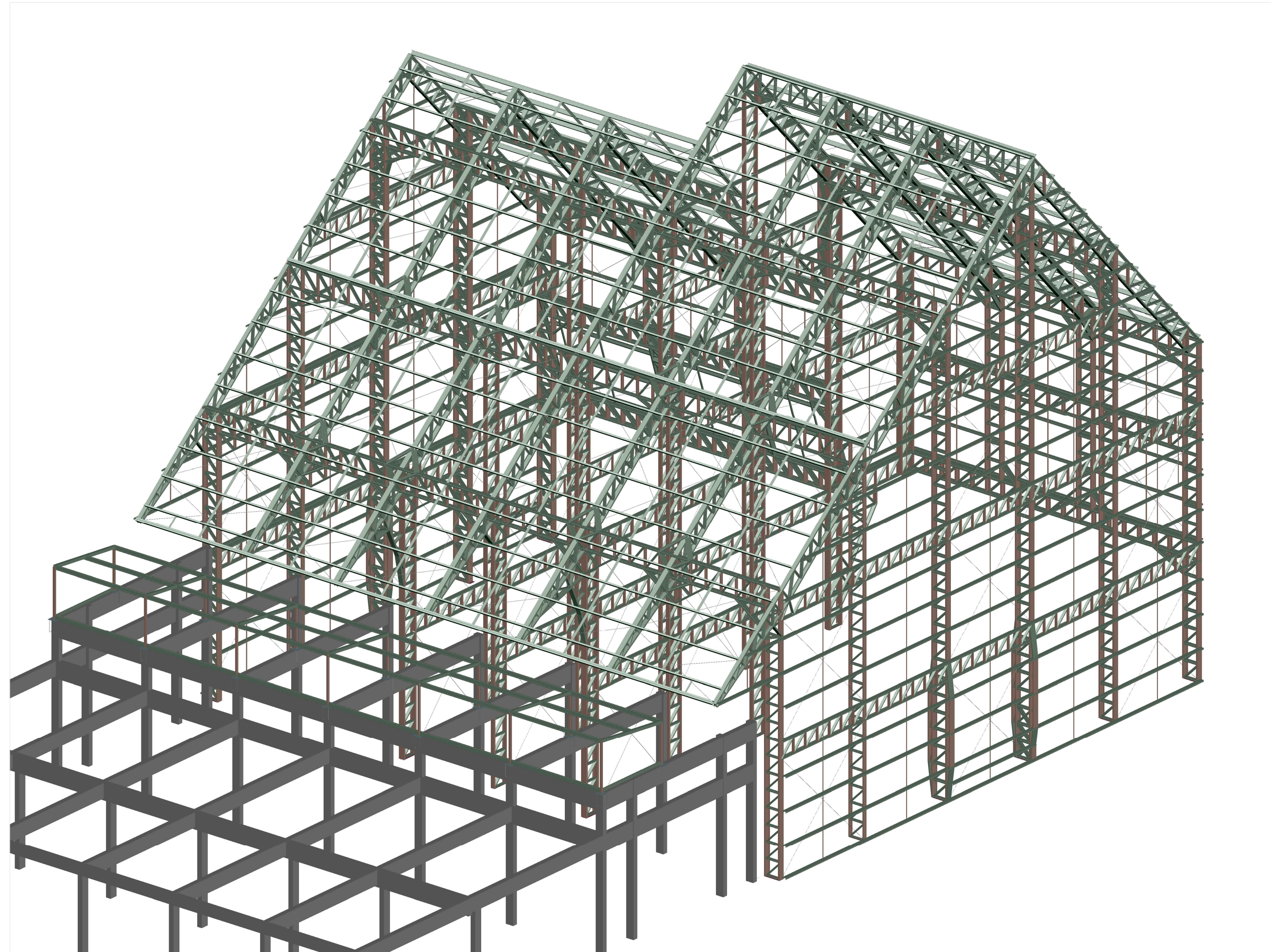
VISTA 3D GERAL 02/02
SEM ESCALA



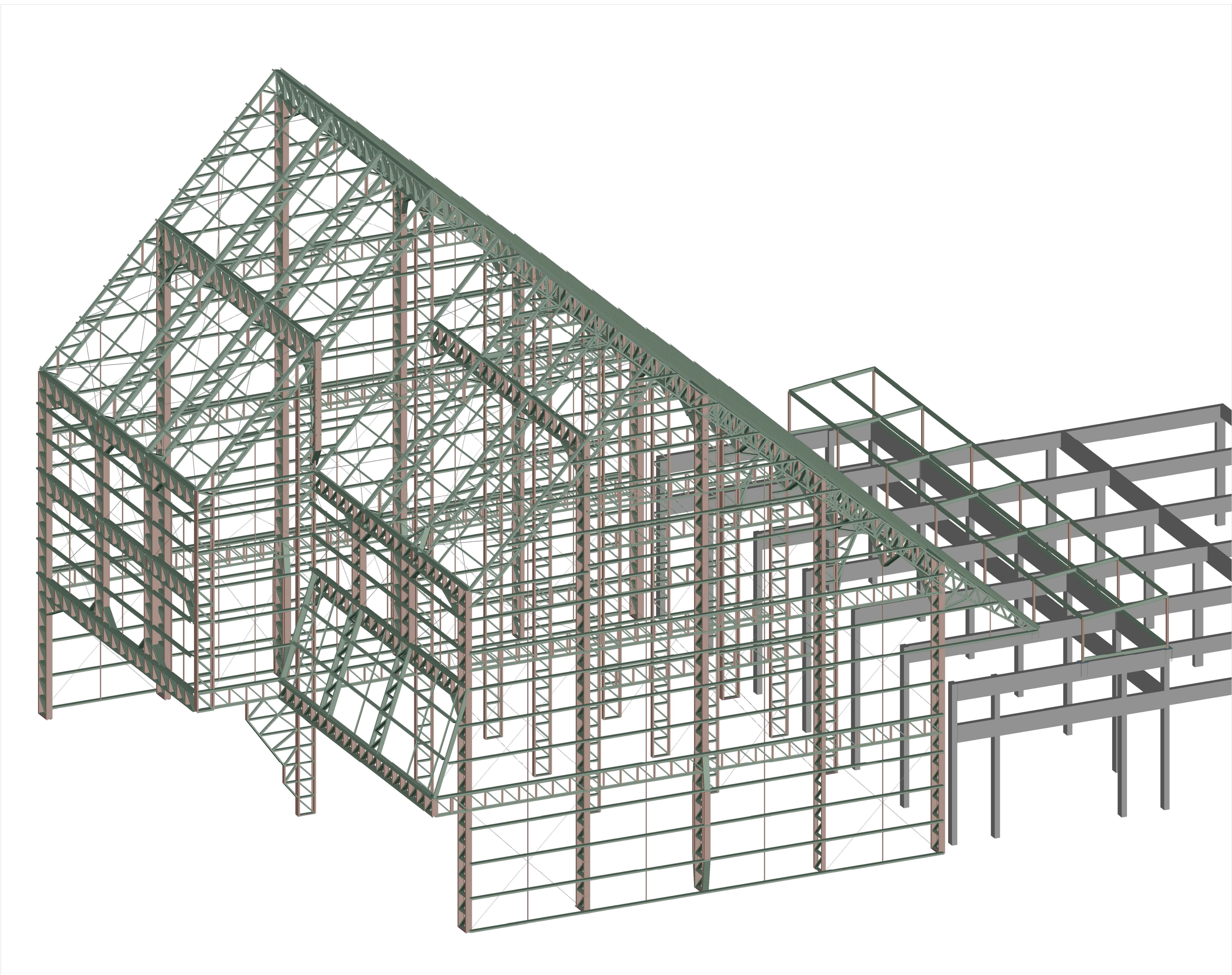
VISTA 3D DAS ESTRUTURAS 01/04
SEM ESCALA



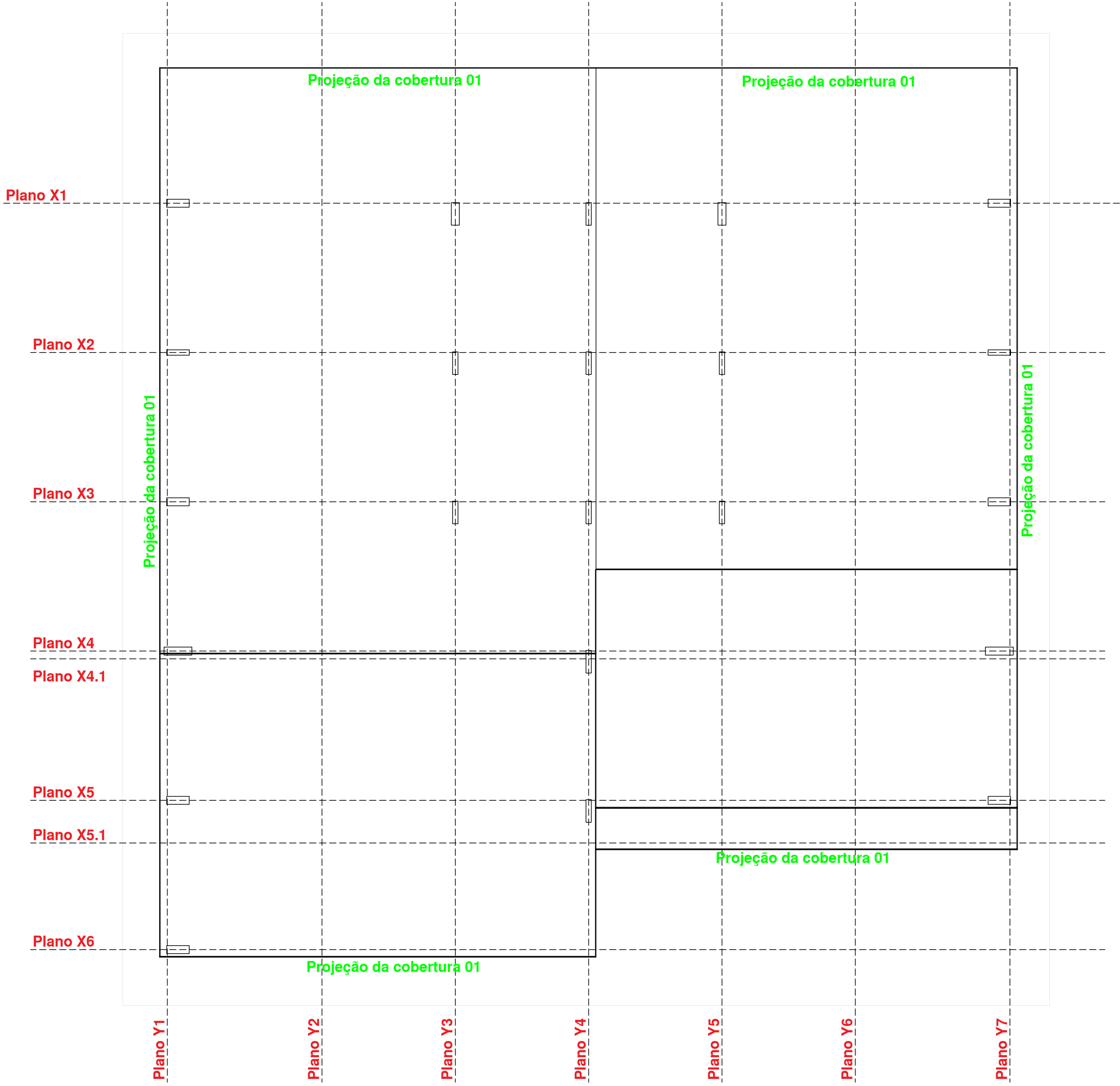
VISTA 3D DAS ESTRUTURAS 02/04
SEM ESCALA



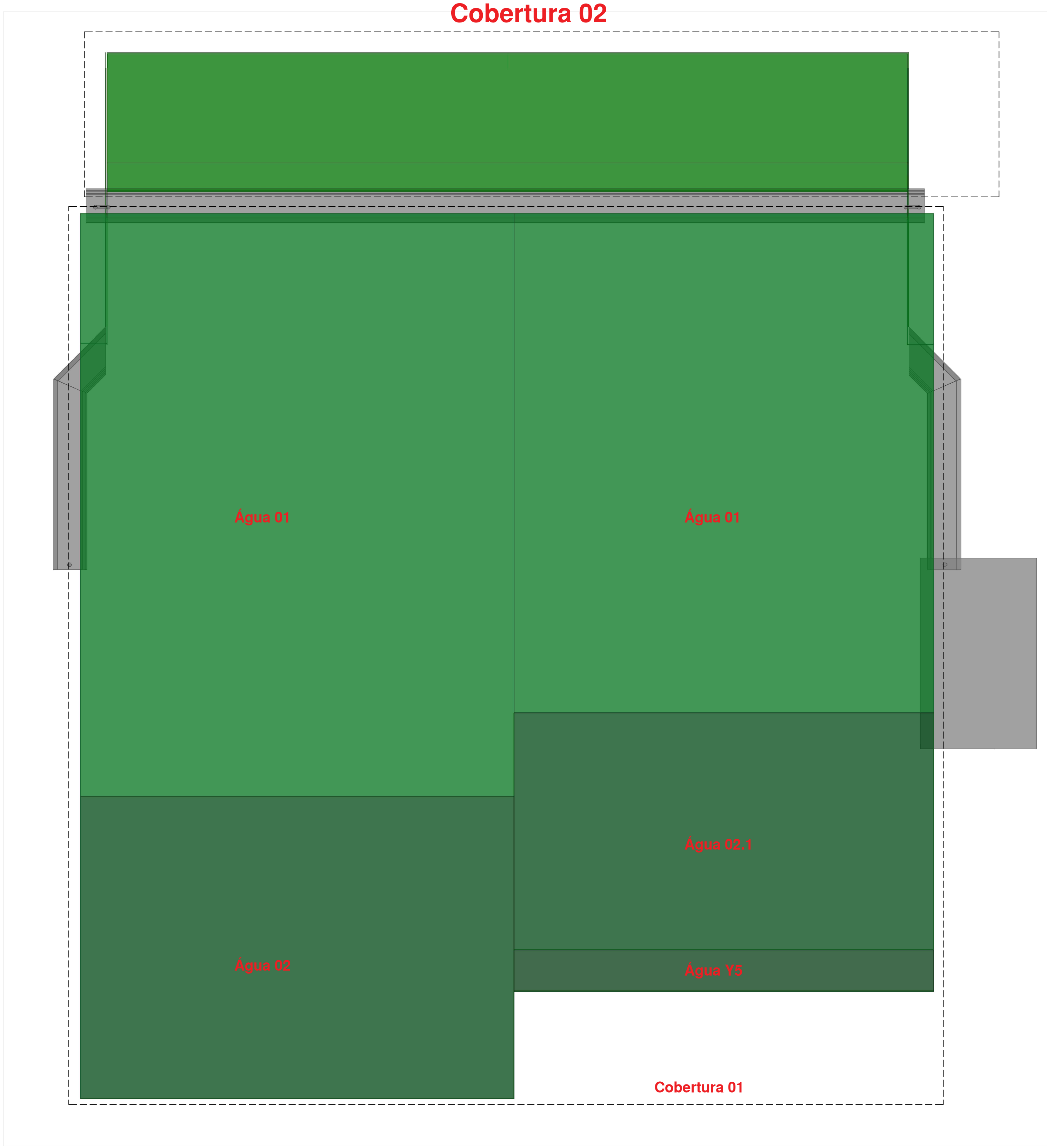
VISTA 3D DAS ESTRUTURAS 03/04
SEM ESCALA



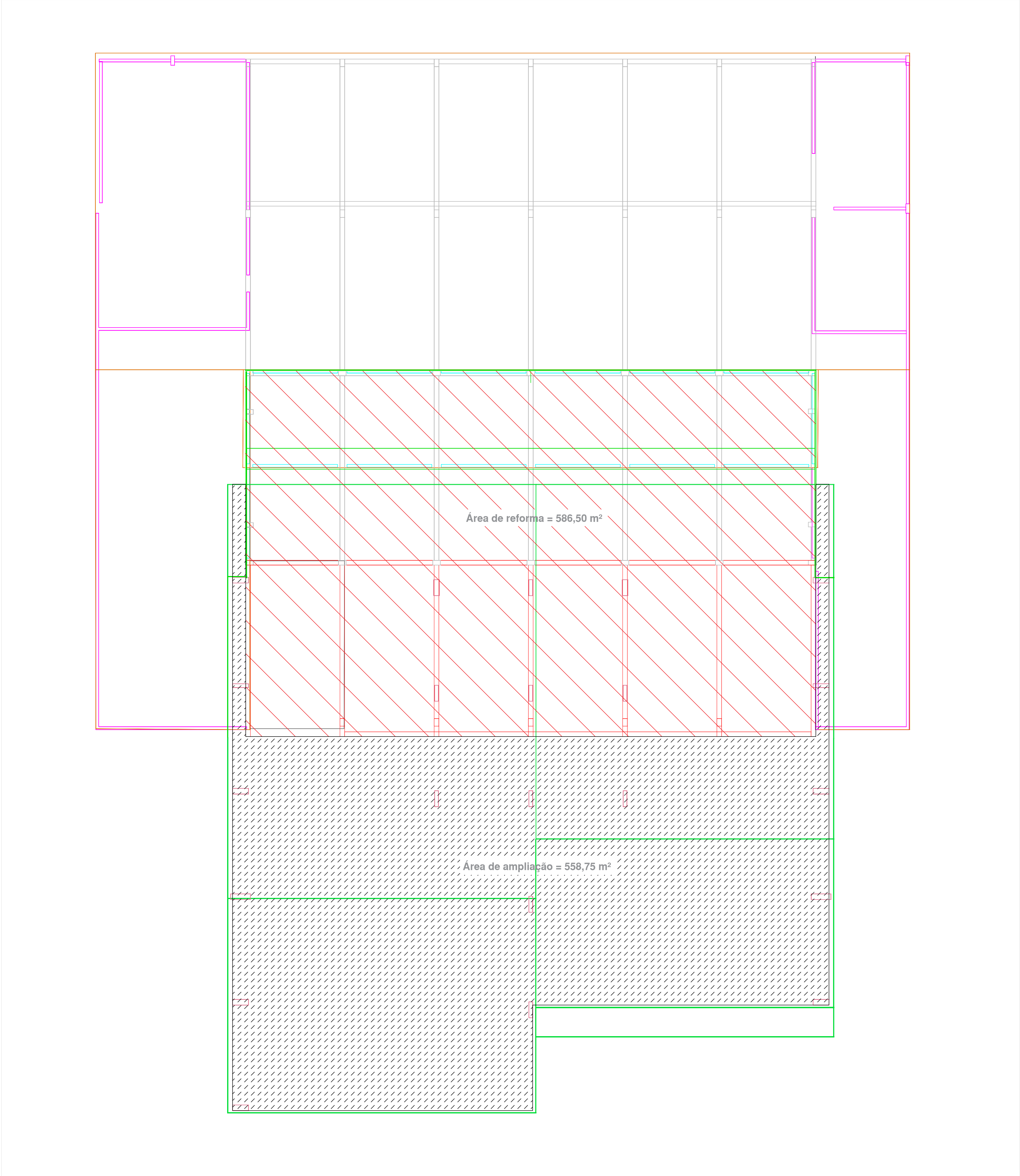
VISTA 3D DAS ESTRUTURAS 04/04
SEM ESCALA



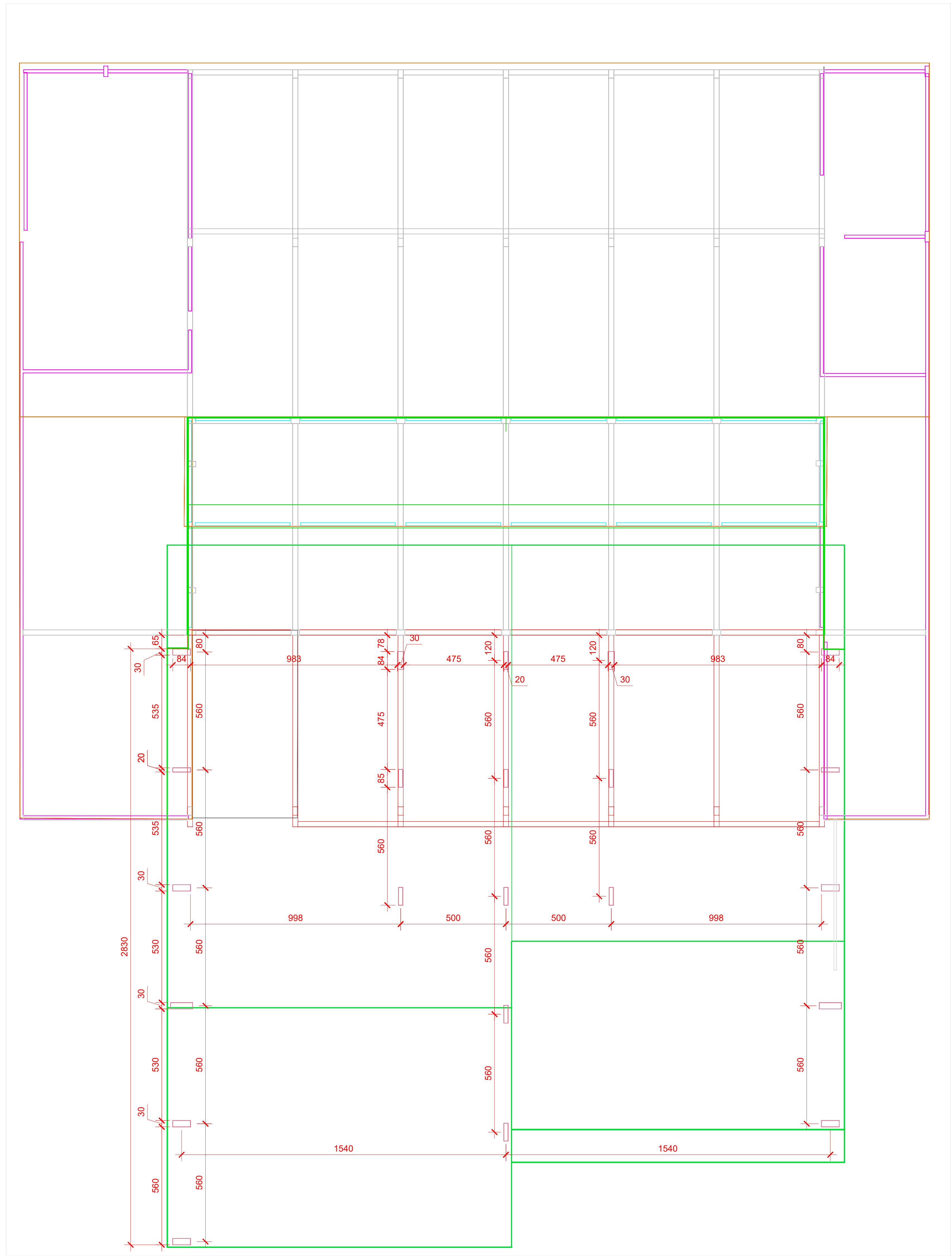
PLANOS DA COBERTURA 01
ESCALA : 1/100



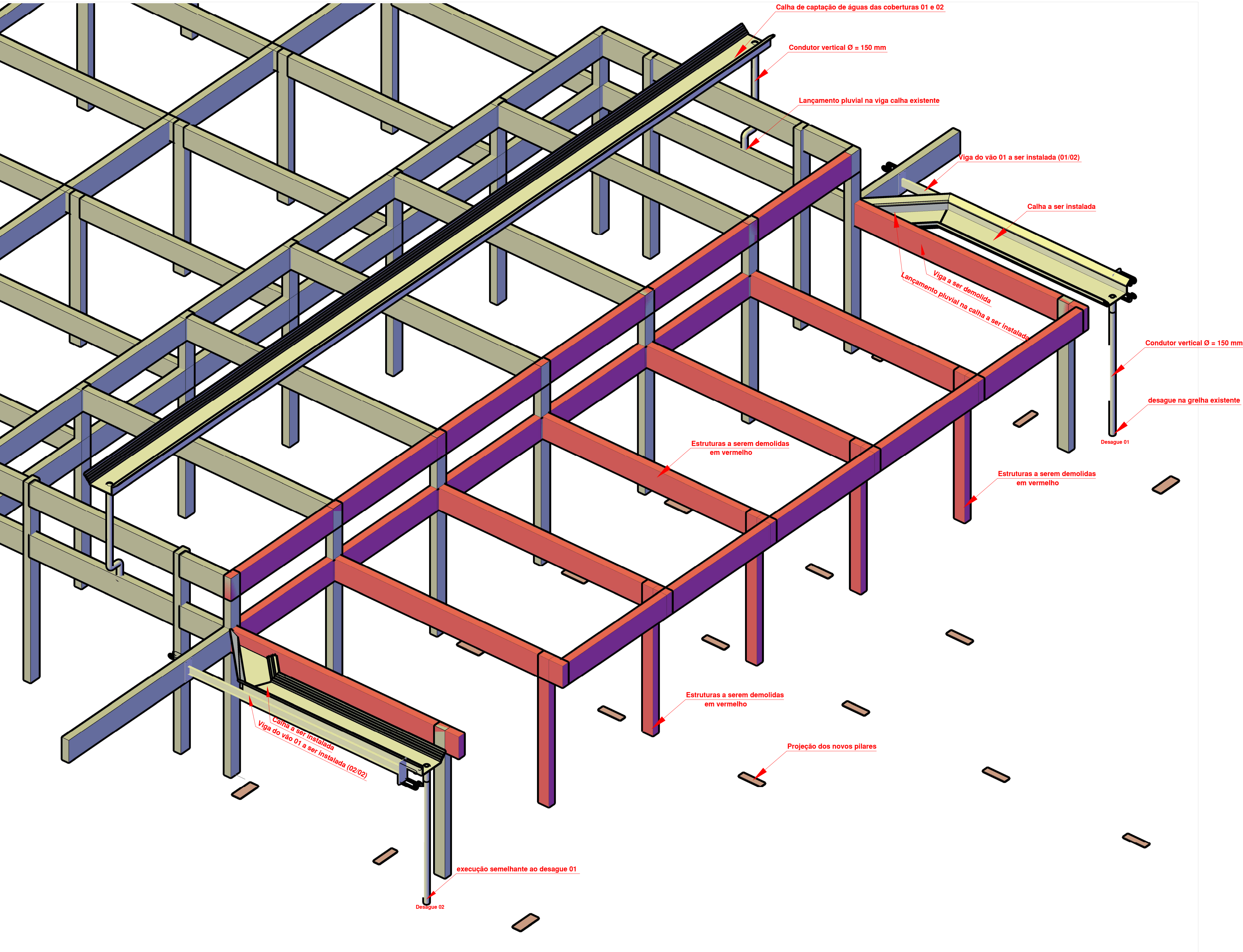
ÁGUAS DAS COBERTURAS 01 E 02
ESCALA : 1/100



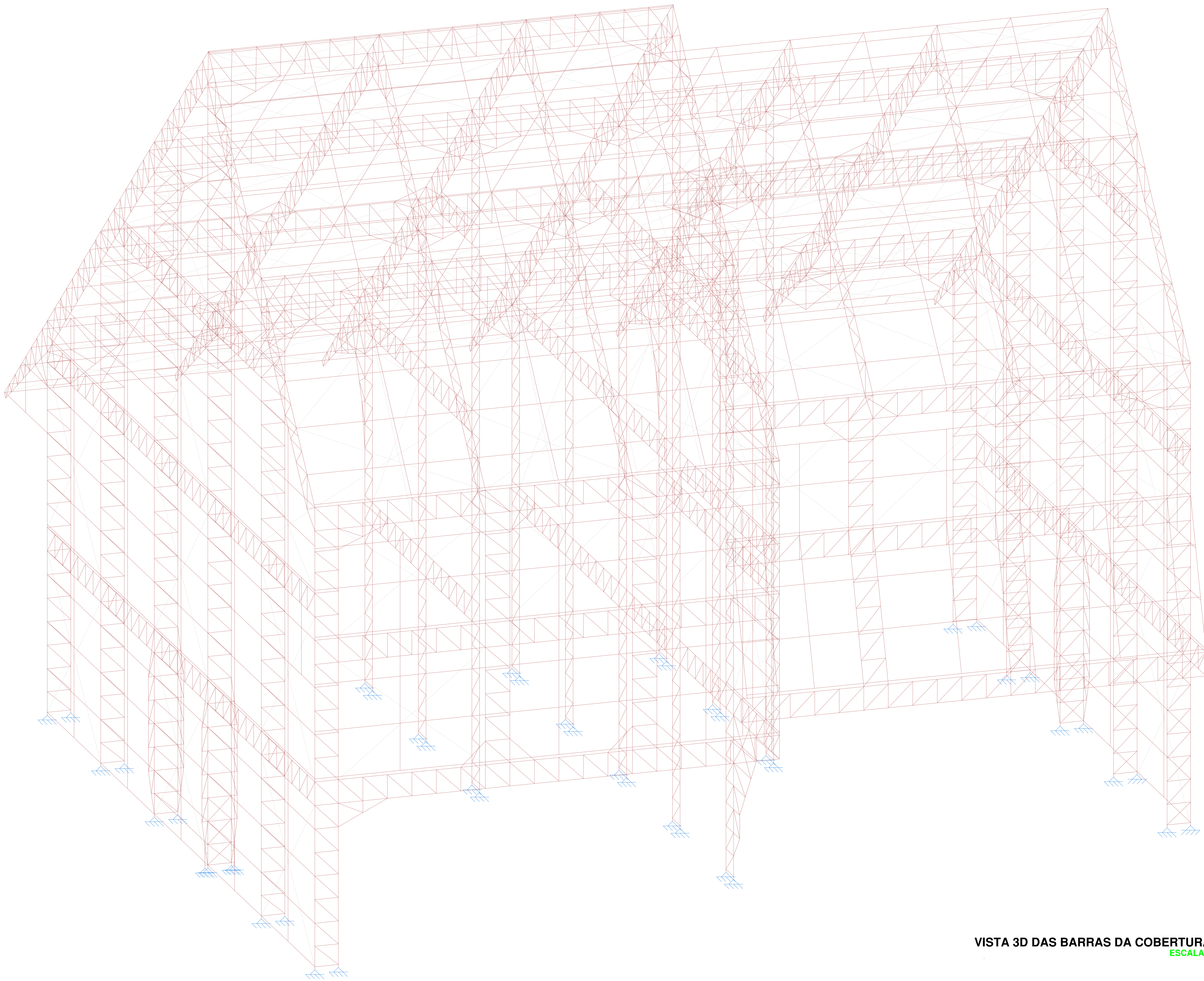
ÁREAS DE REFORMA E AMPLIAÇÃO
ESCALA : 1/100



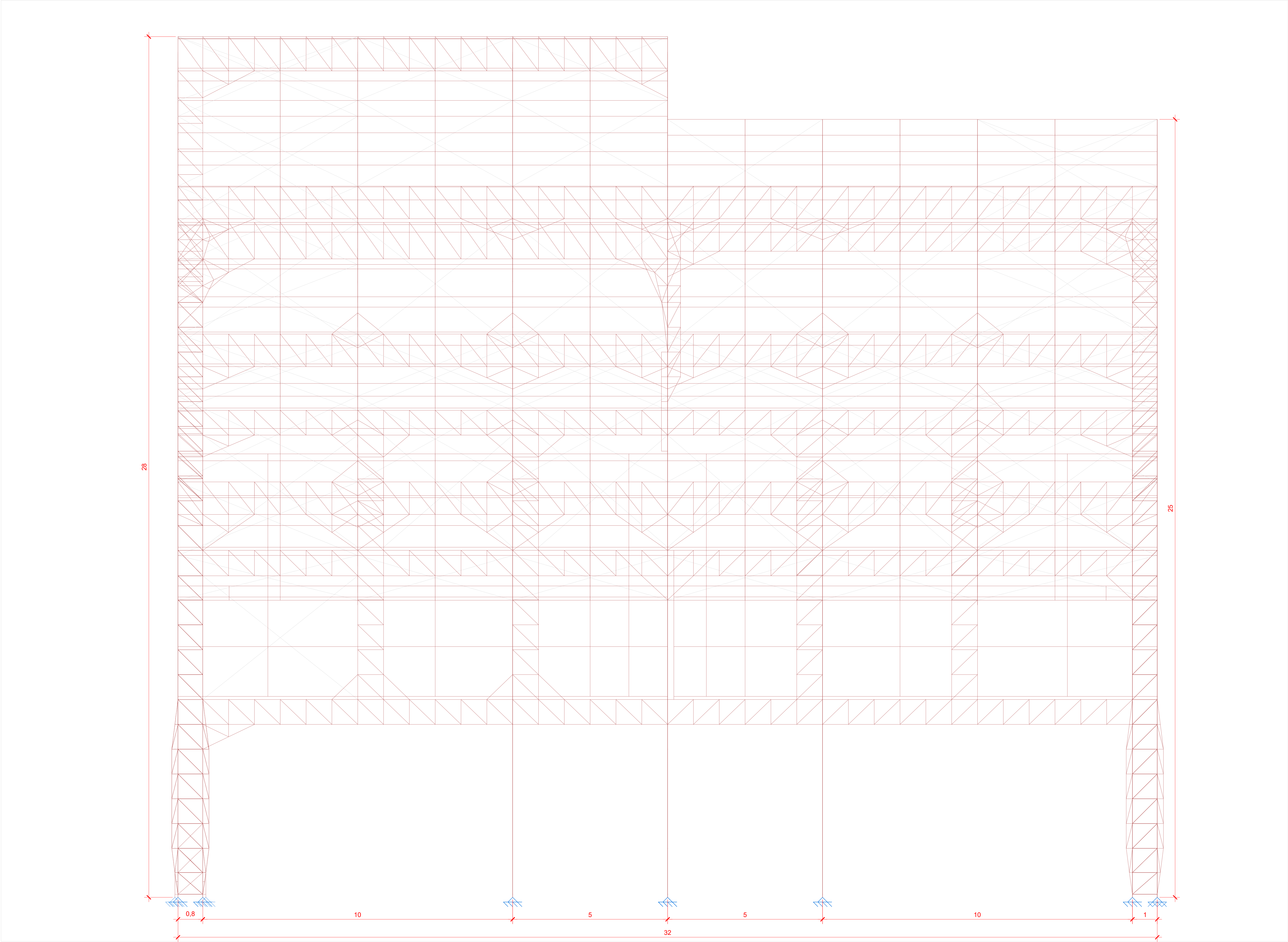
PLANTA BAIXA GERAL
ESCALA : 1/100



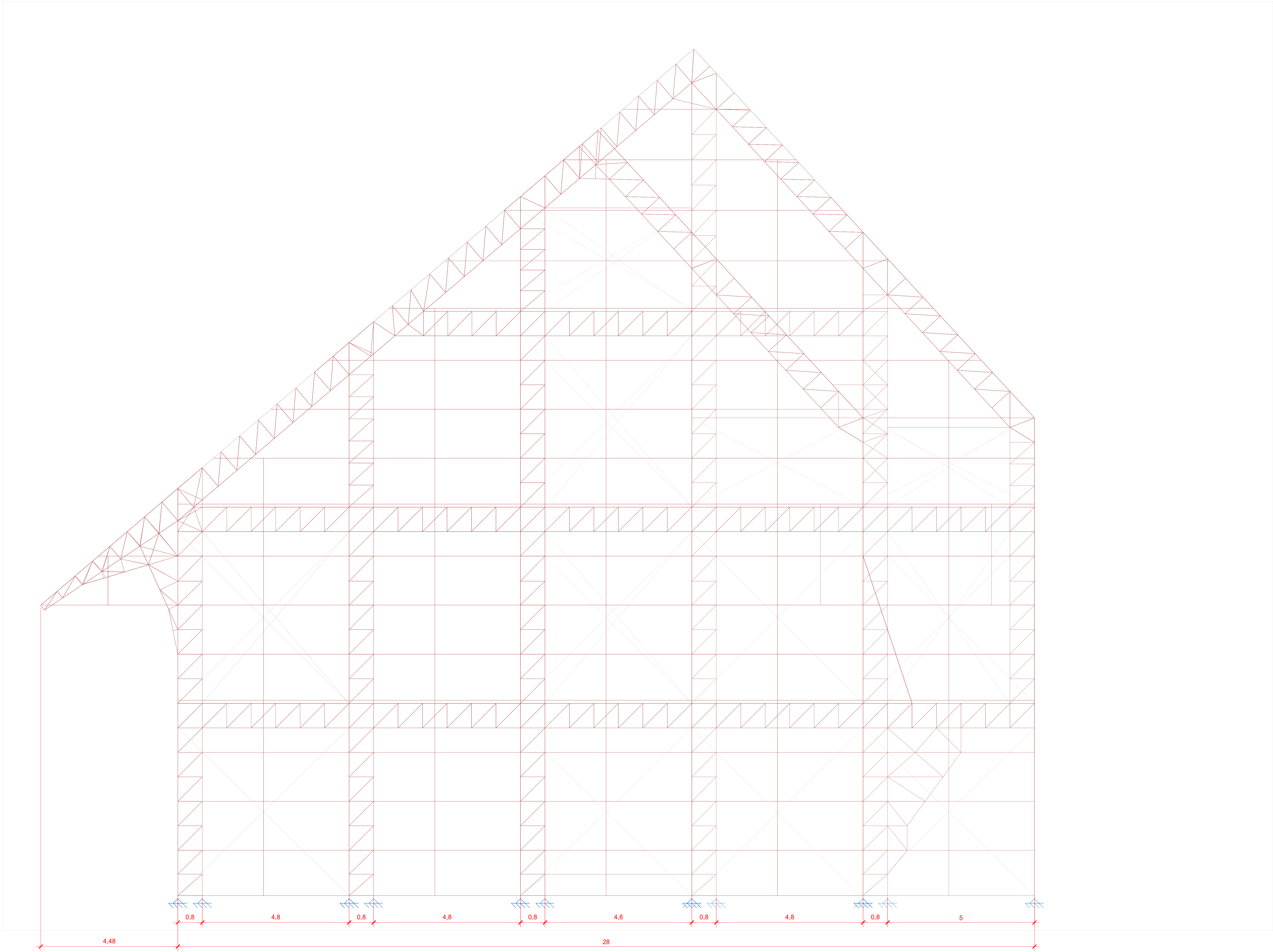
ELEMENTOS PLUVIAIS
ESTRUTURA A DEMOLIR
VIGAS DO VÃO 01
SEM ESCALA



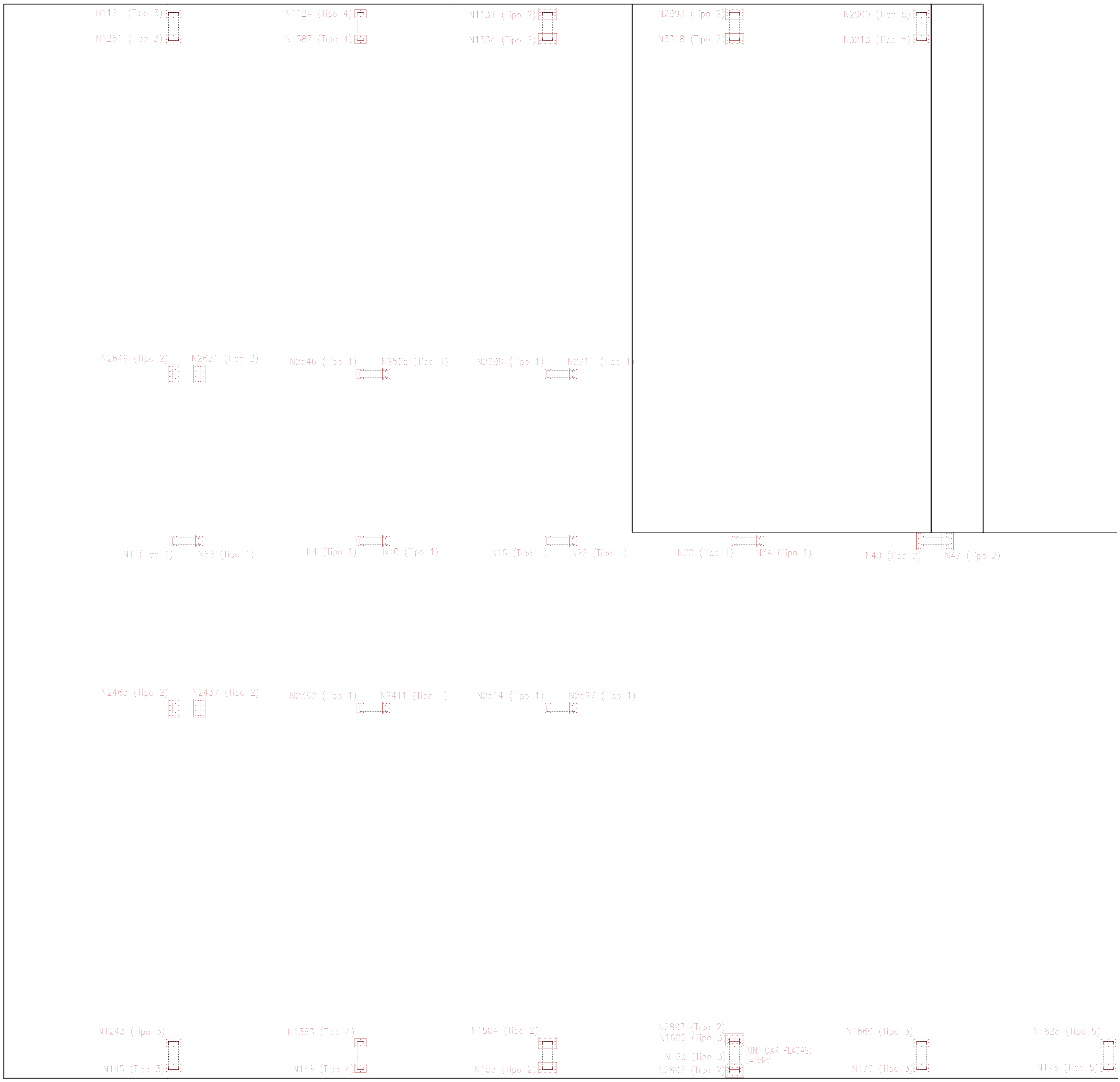
VISTA 3D DAS BARRAS DA COBERTURA 01
ESCALA : 1/50



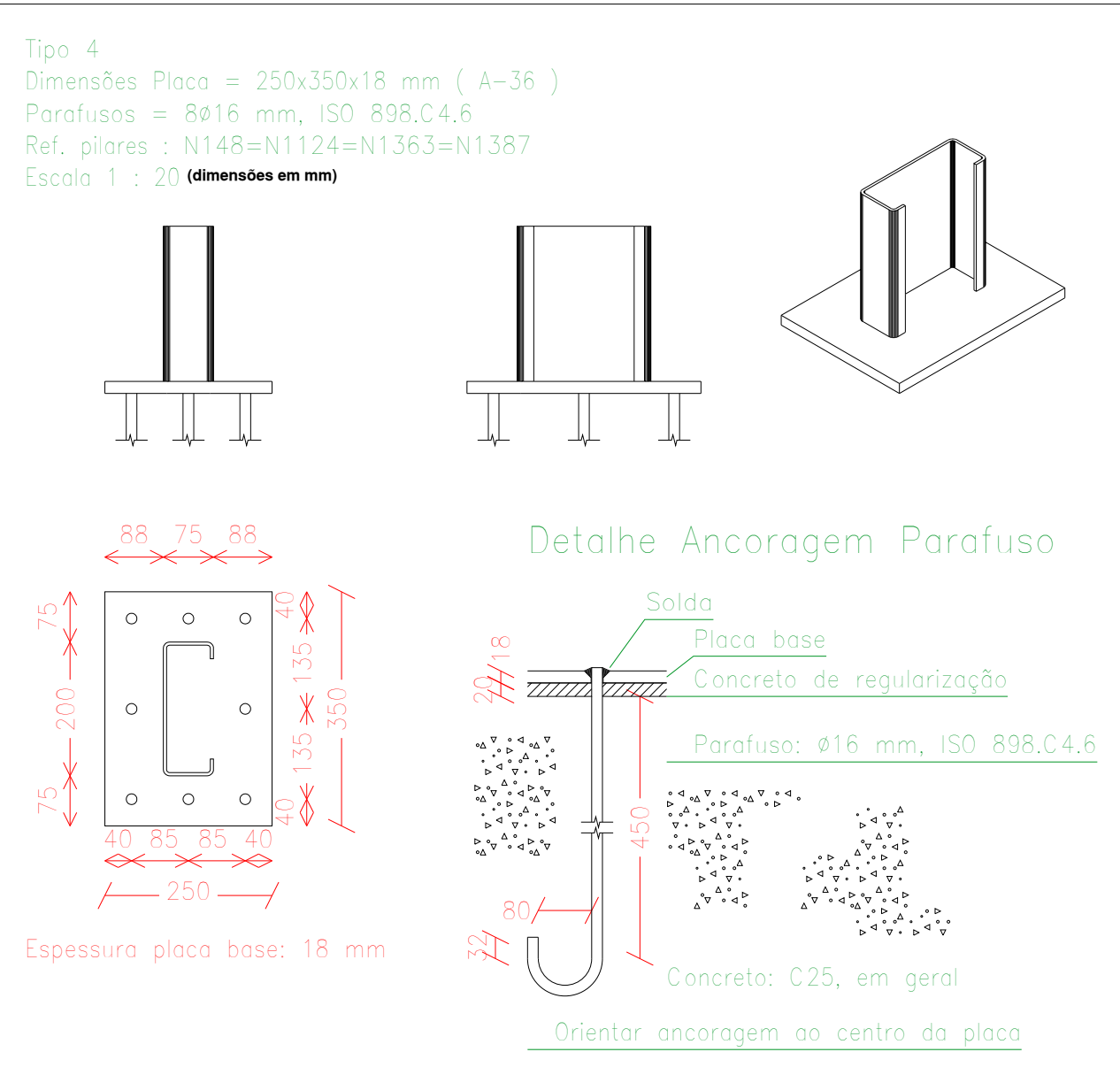
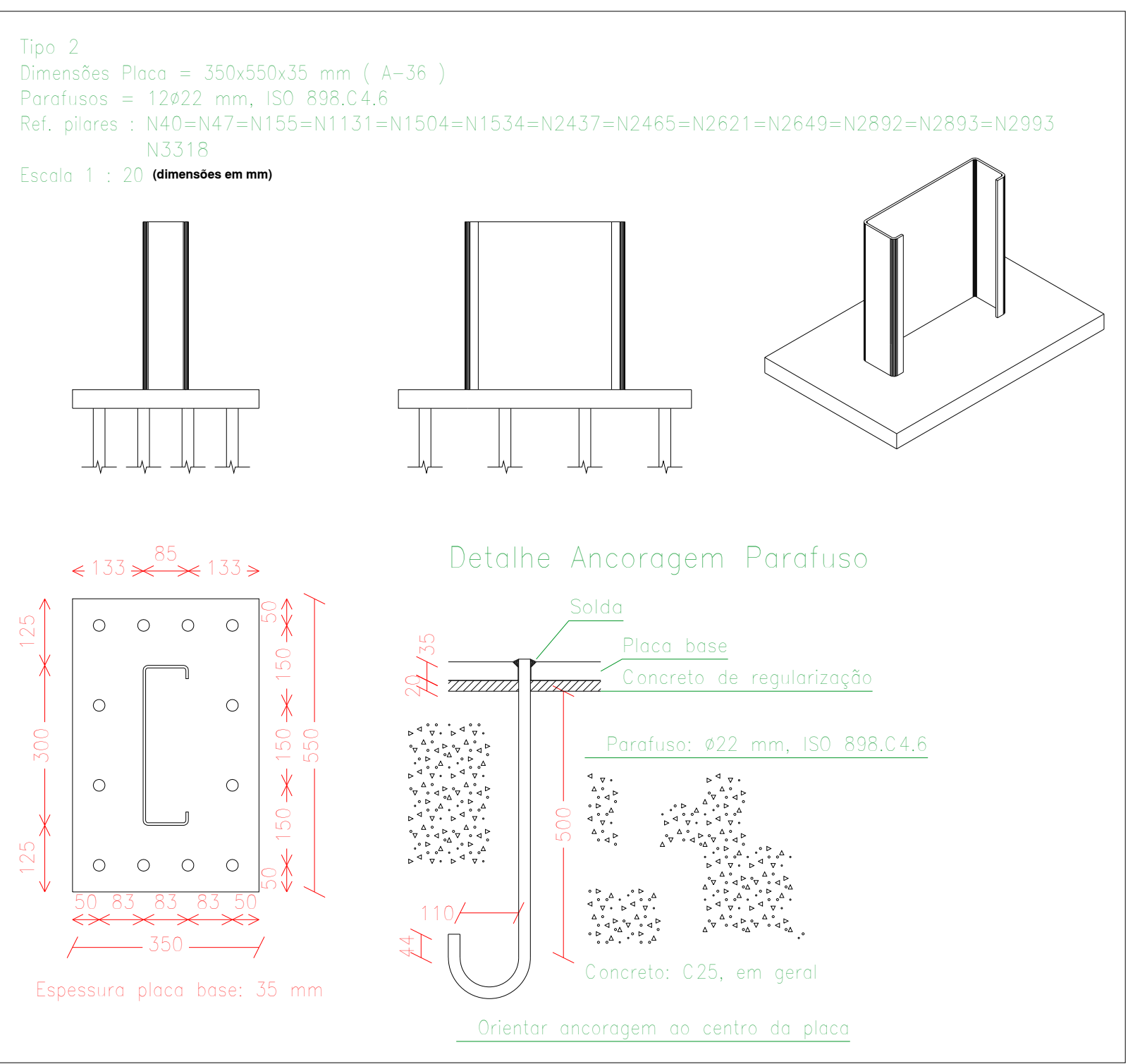
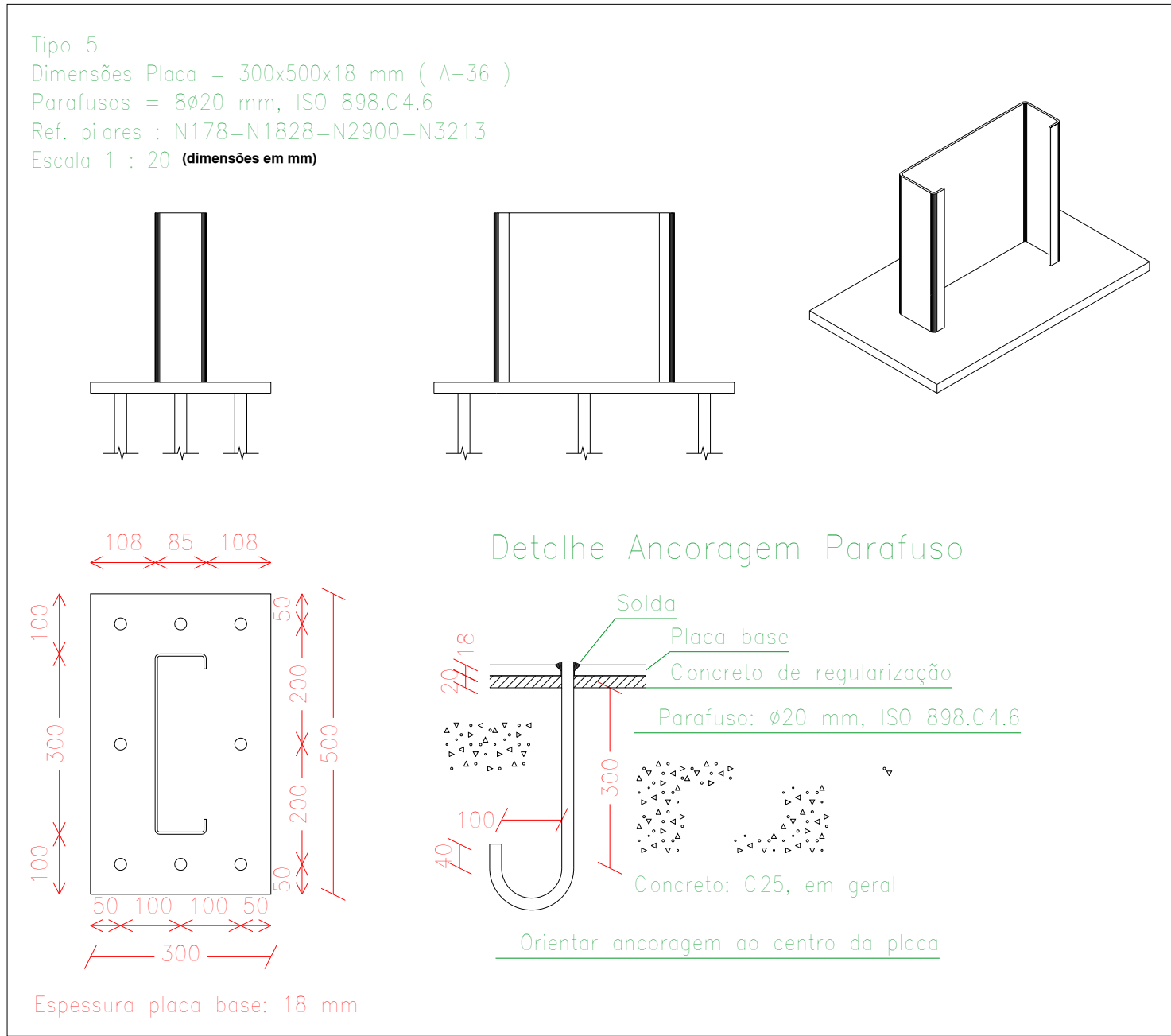
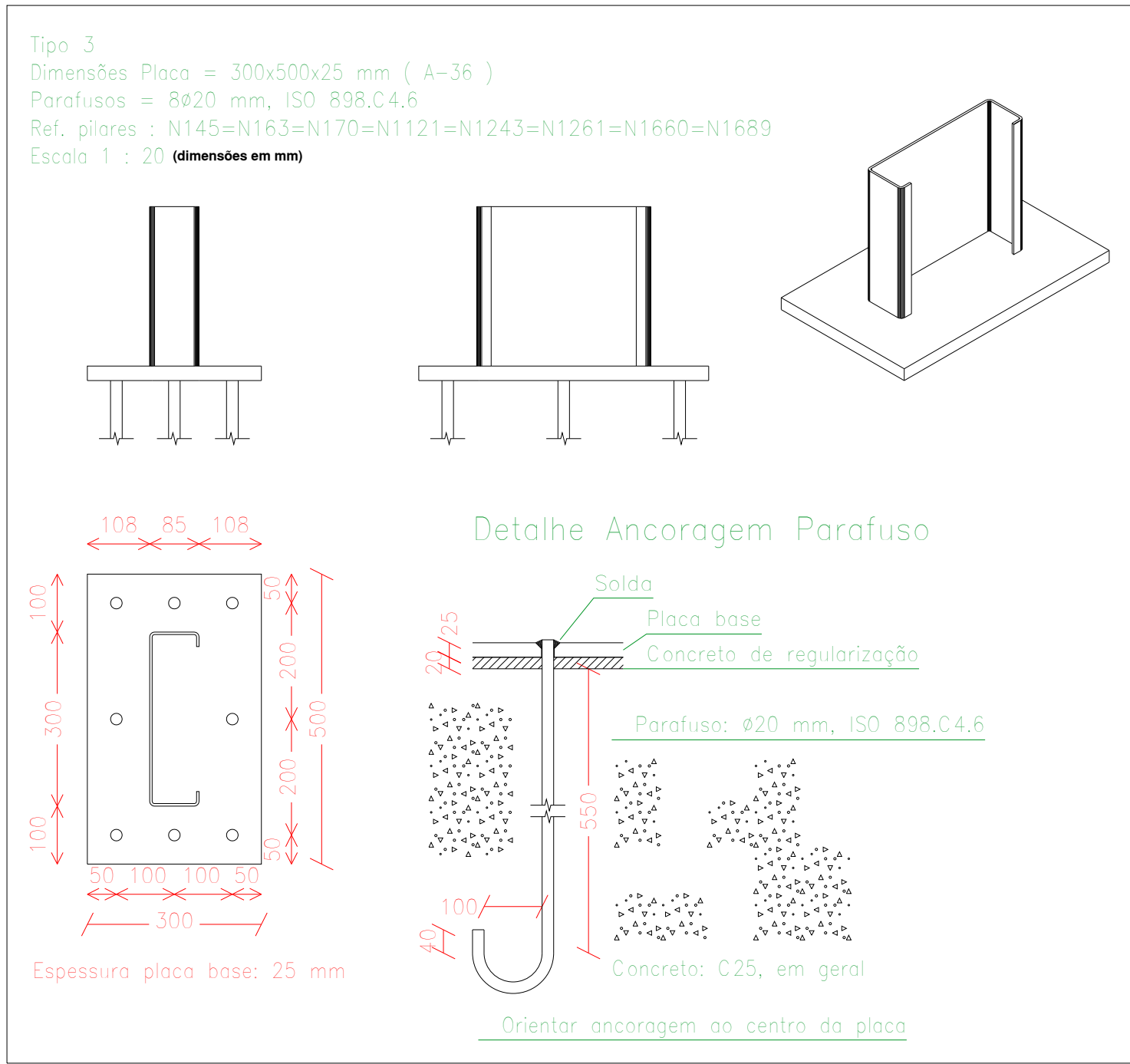
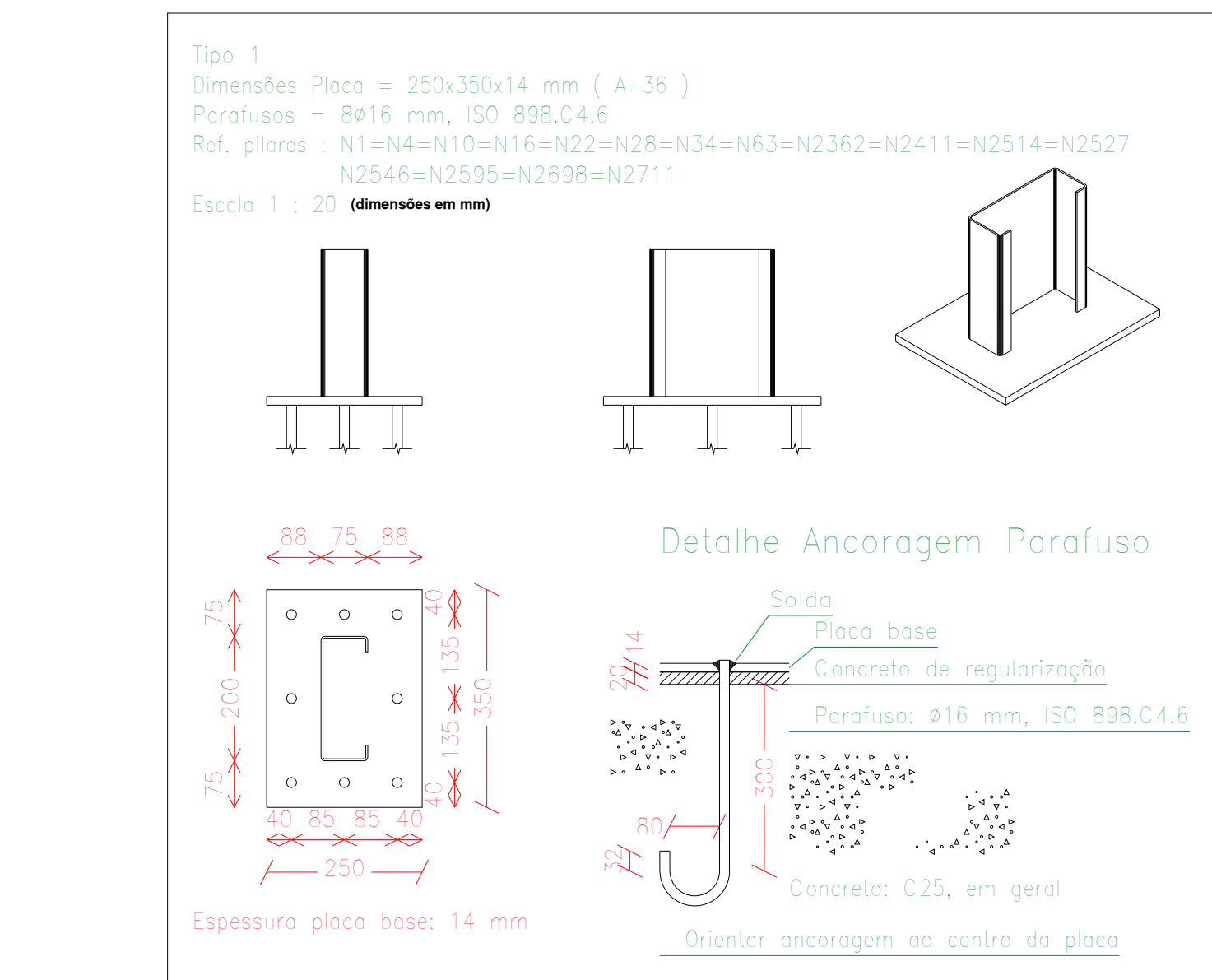
VISTA 3D DAS BARRAS DA COBERTURA 01
ESCALA : 1/50



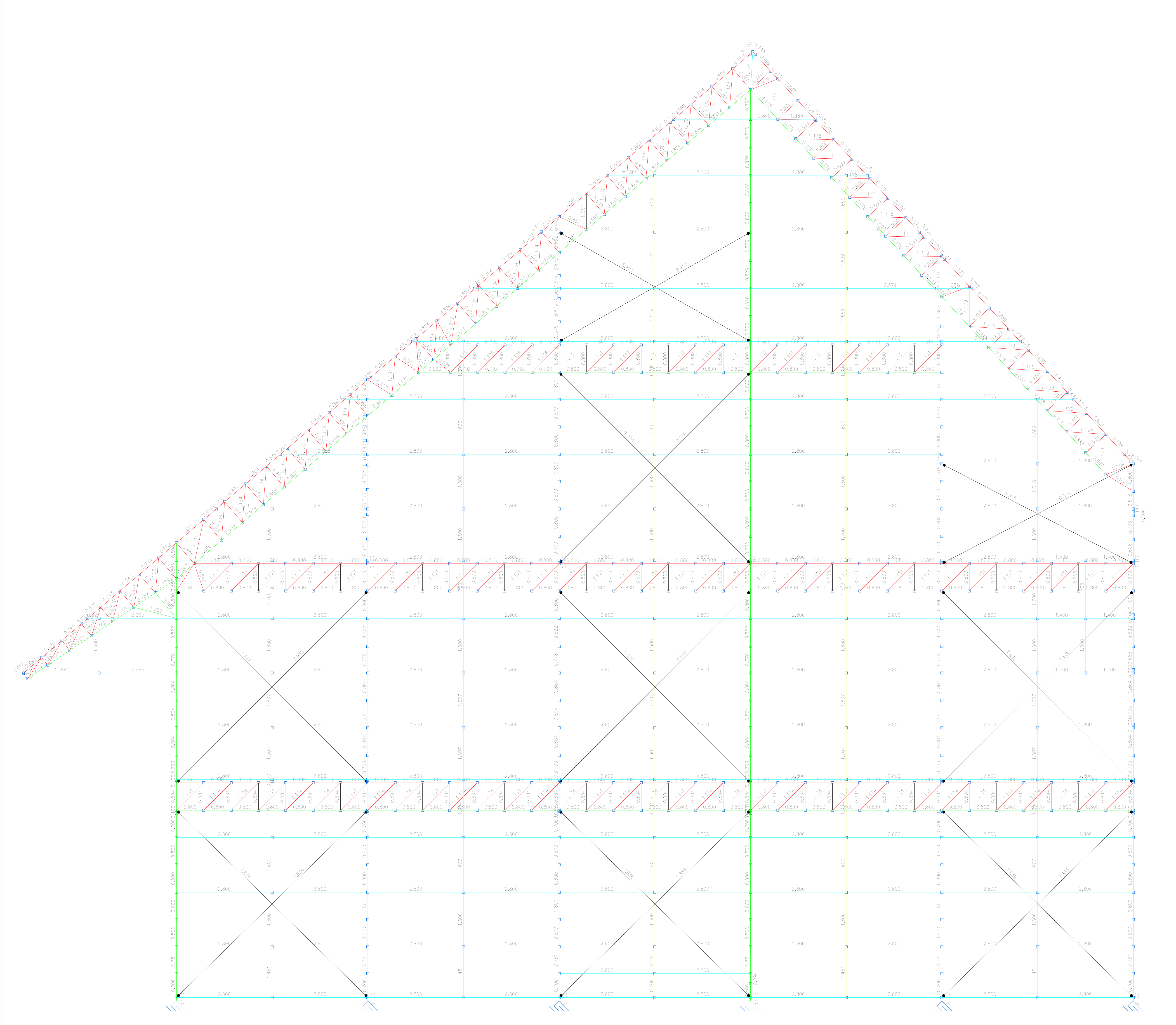
VISTA 3D DAS BARRAS DA COBERTURA 01
ESCALA : 1/50



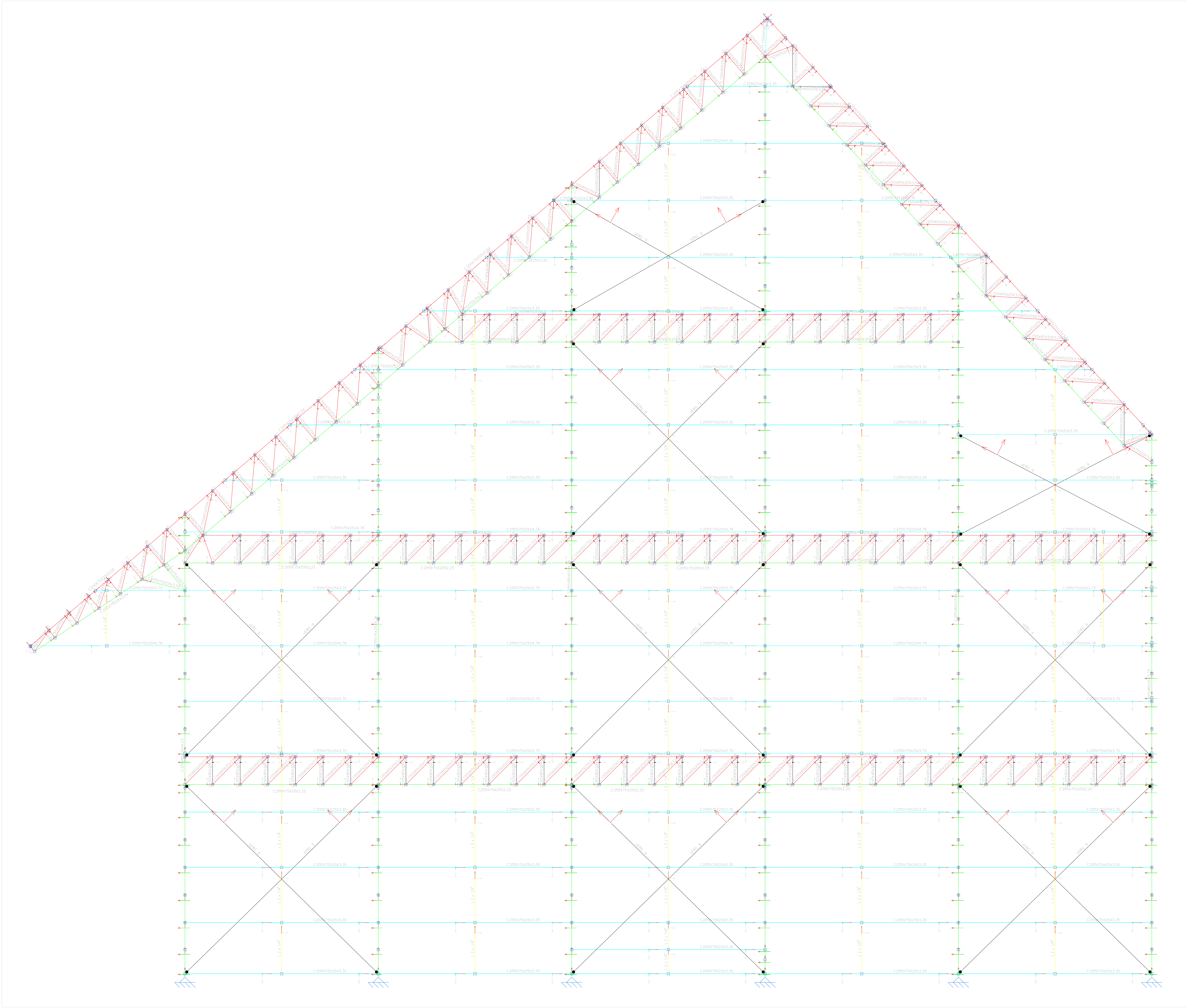
Planta baixa - Placas de base - COBERTURA 01
ESCALA : 1/50



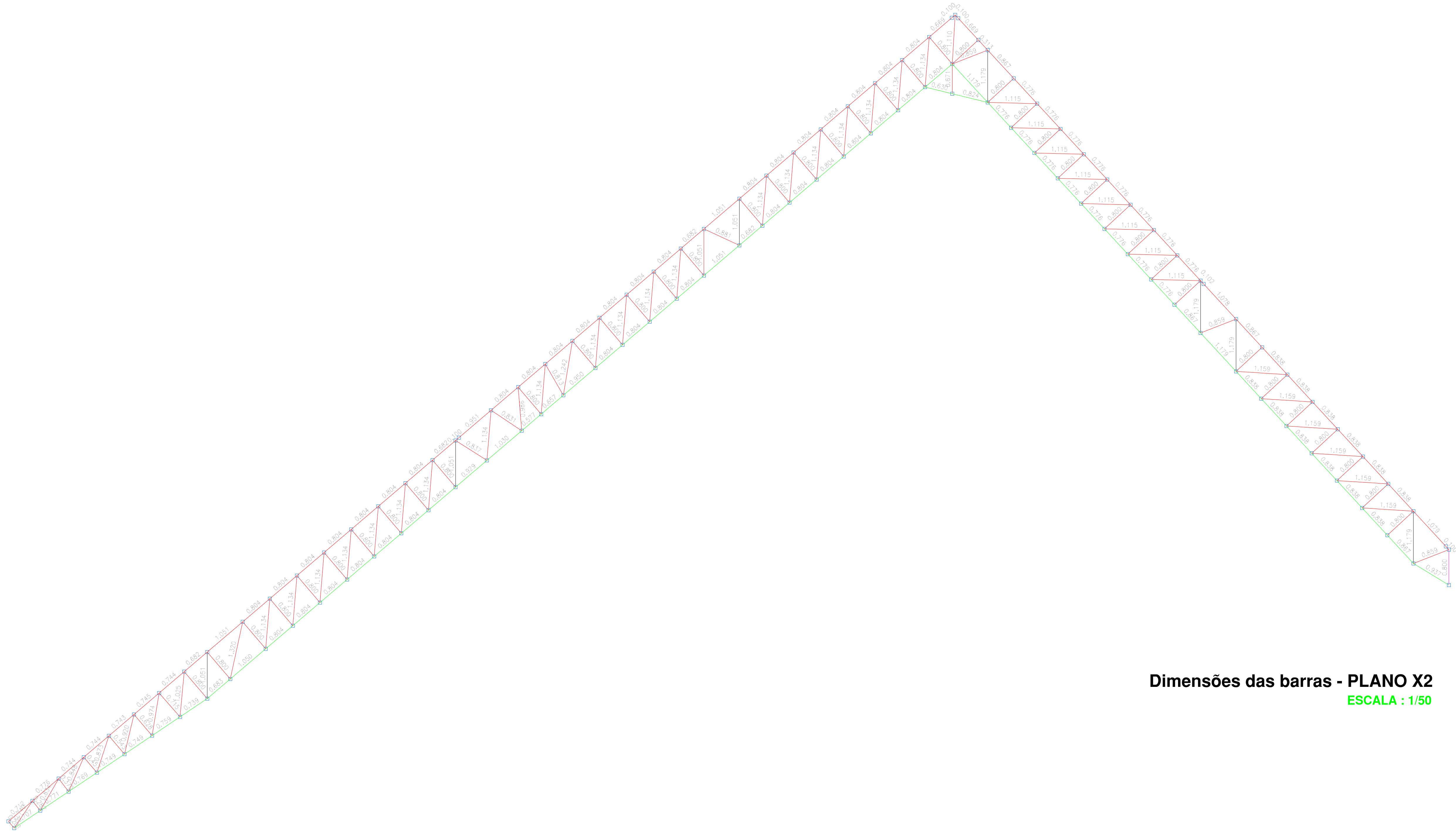
Especificações das placas de base - COBERTURA 01
ESCALA : 1/20



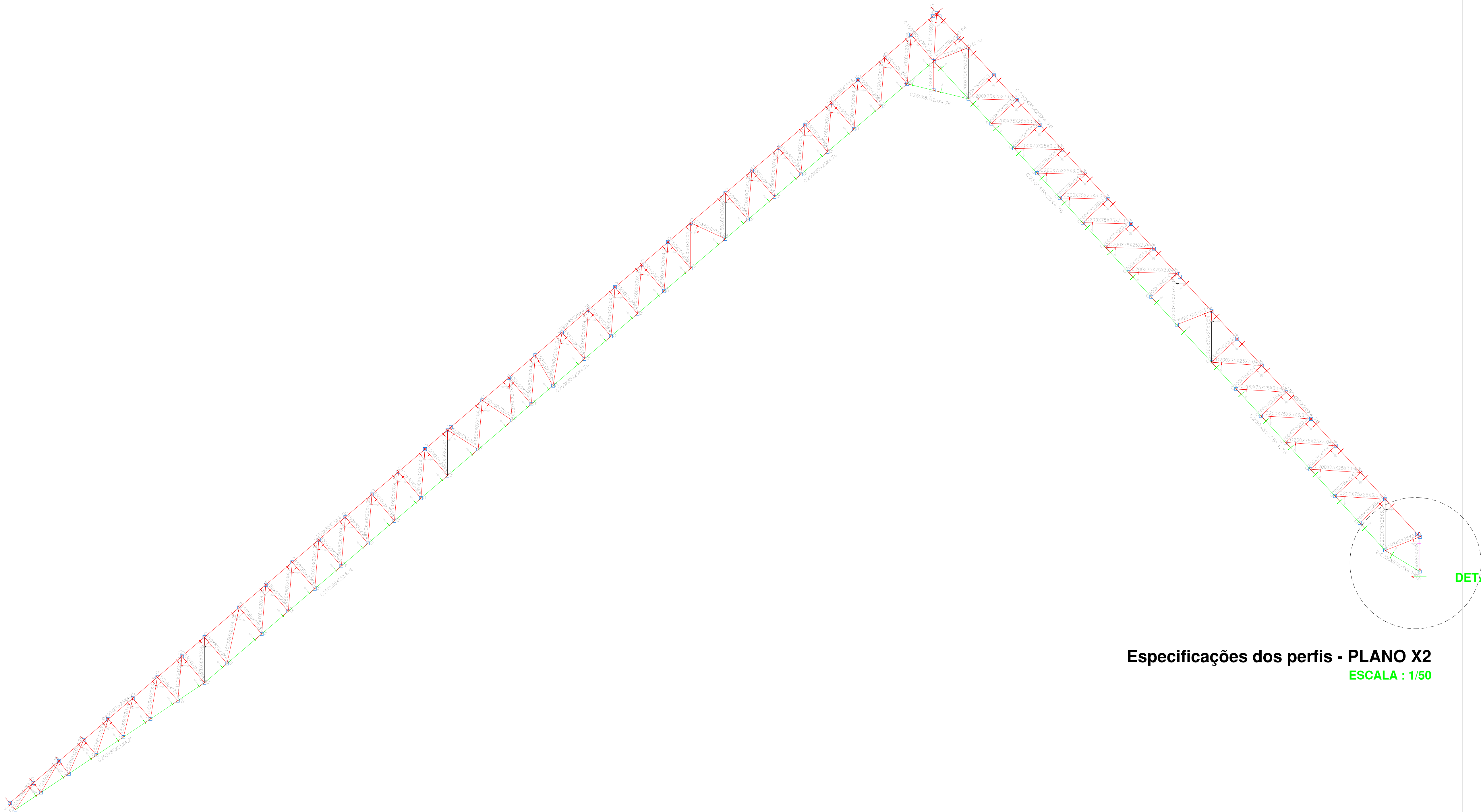
Dimensões das barras - PLANO X1
ESCALA : 1/50



Especificações dos perfis - PLANO X1
ESCALA : 1/50

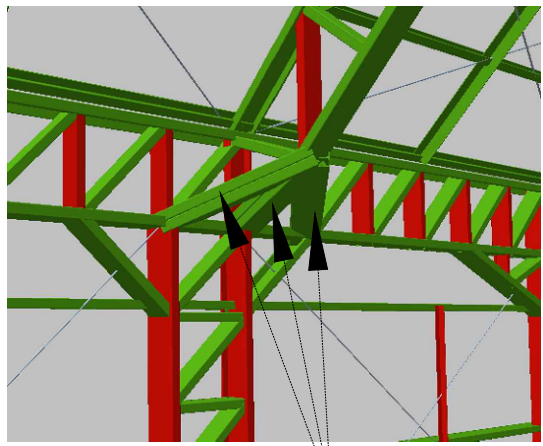


Dimensões das barras - PLANO X2
ESCALA : 1/50



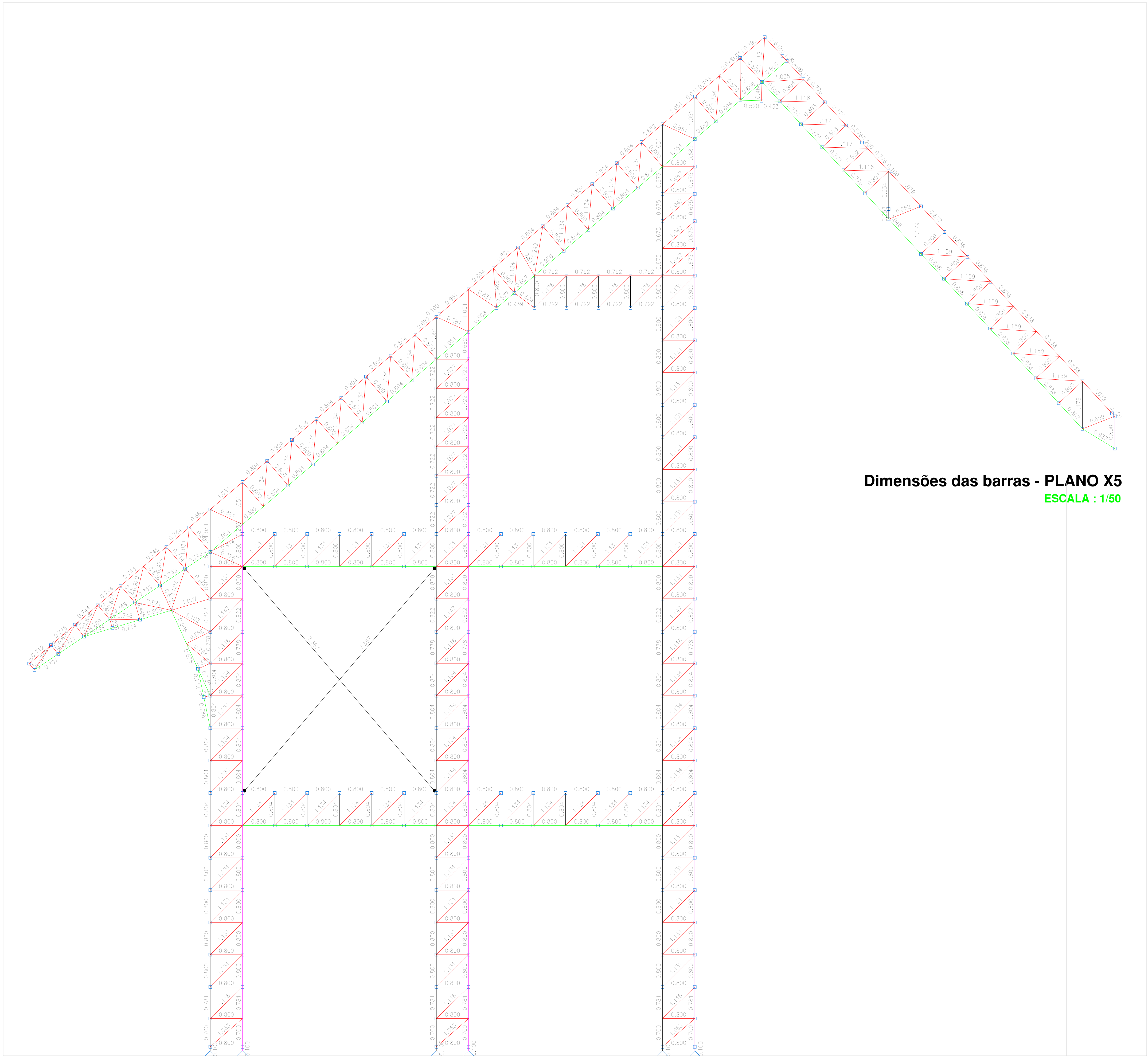
Especificações dos perfis - PLANO X2
ESCALA : 1/50

DETALHE X2 x Y6

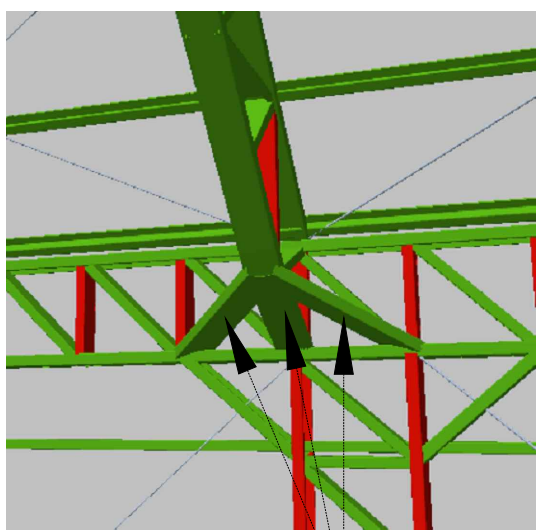


DETALHE X2 x Y6
SEM ESCALA

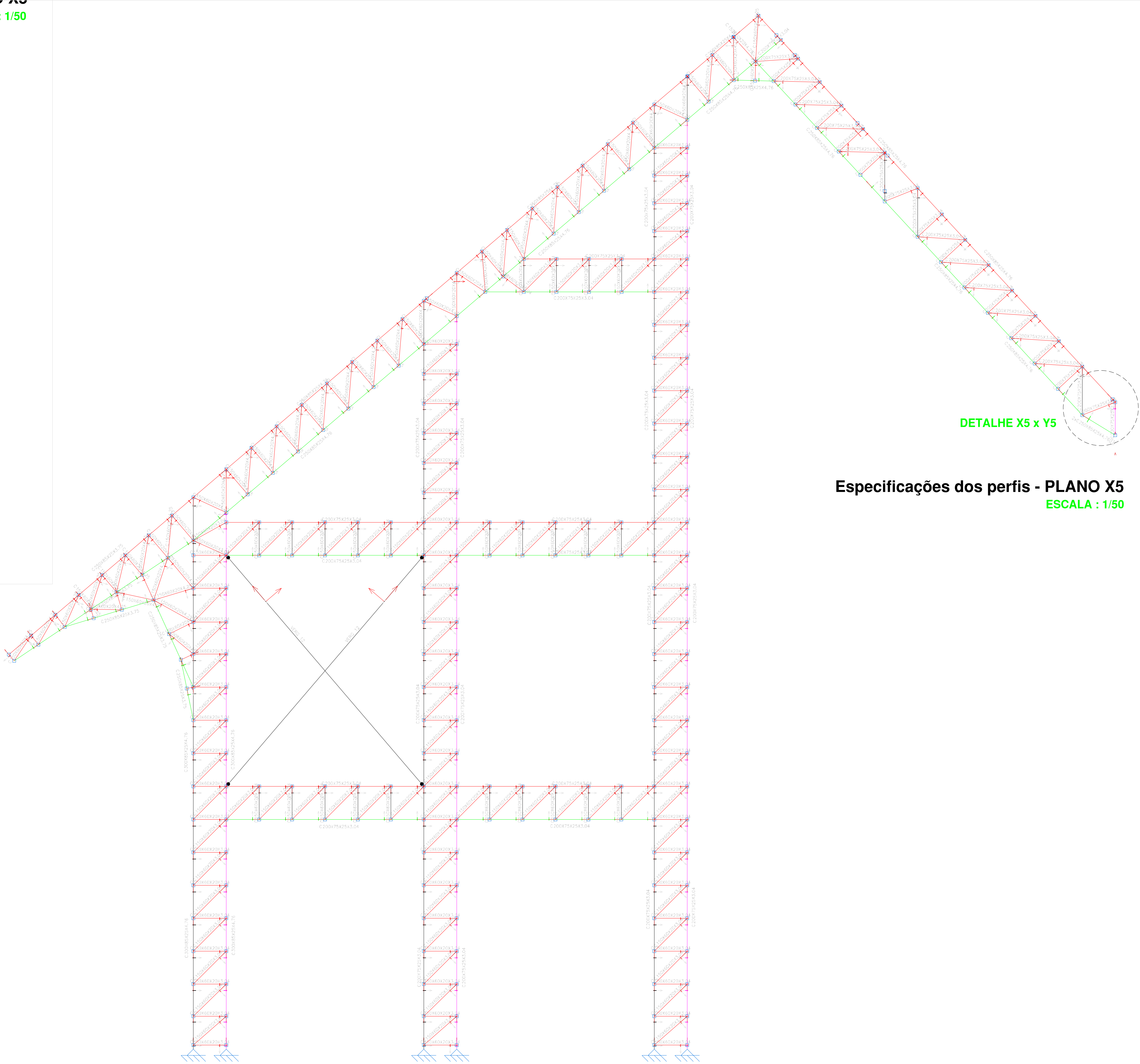




Dimensões das barras - PLANO X5
ESCALA : 1/50

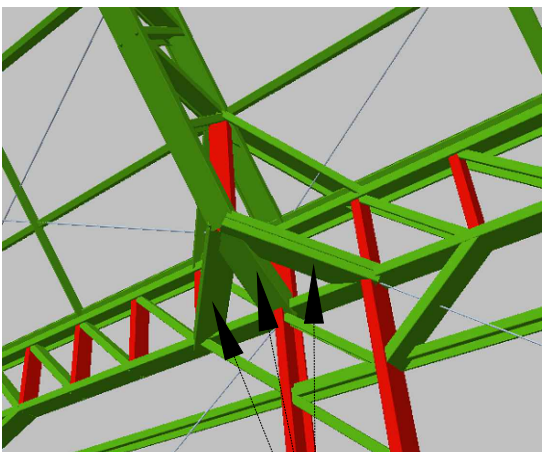
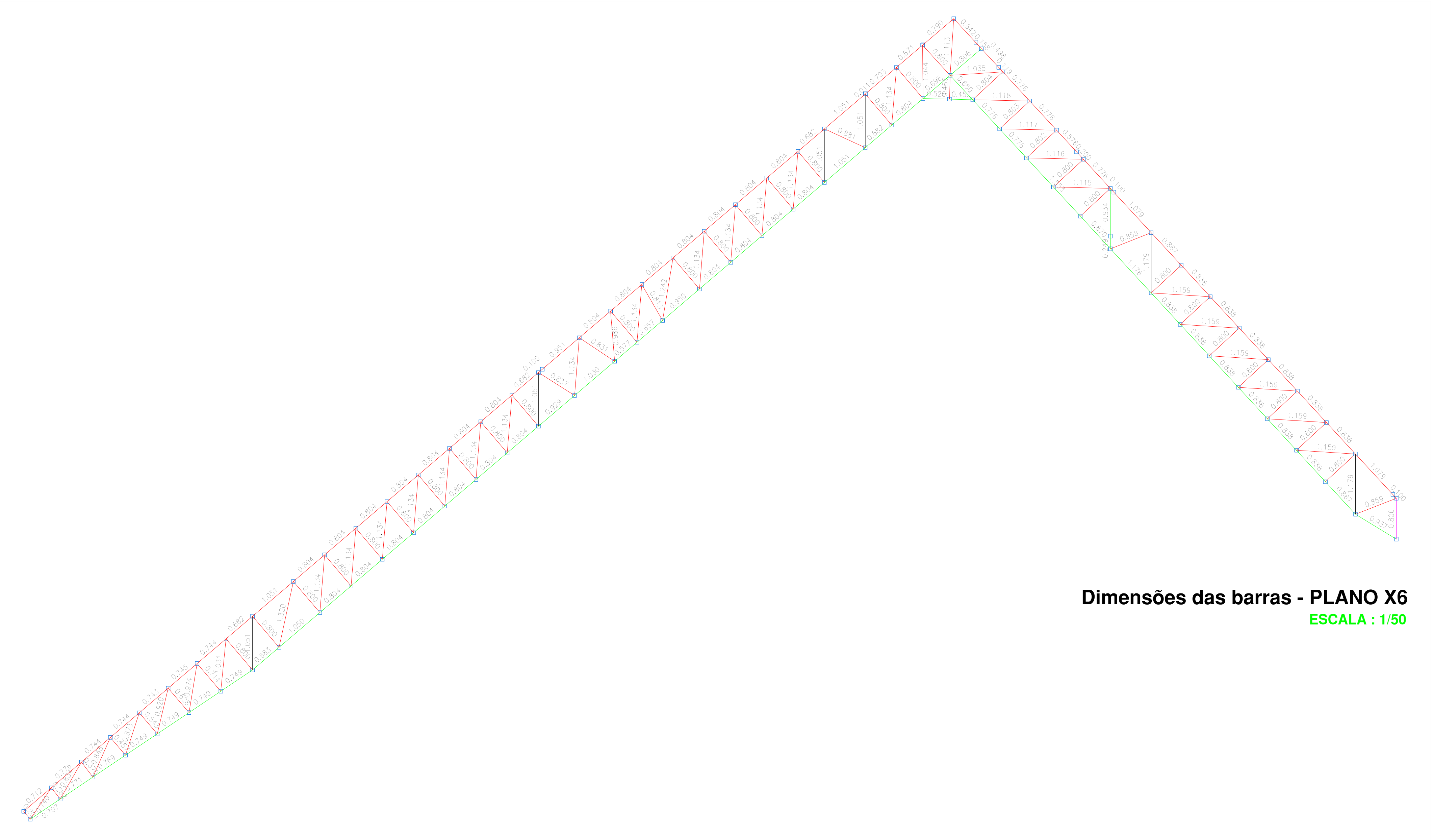


DETALHE X5 x Y5
SEM ESCALA

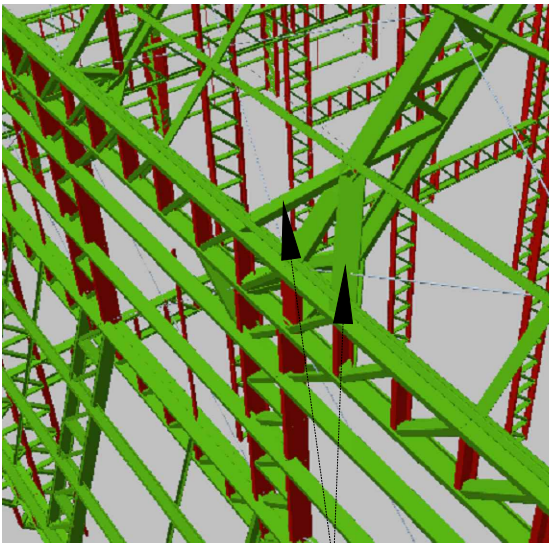
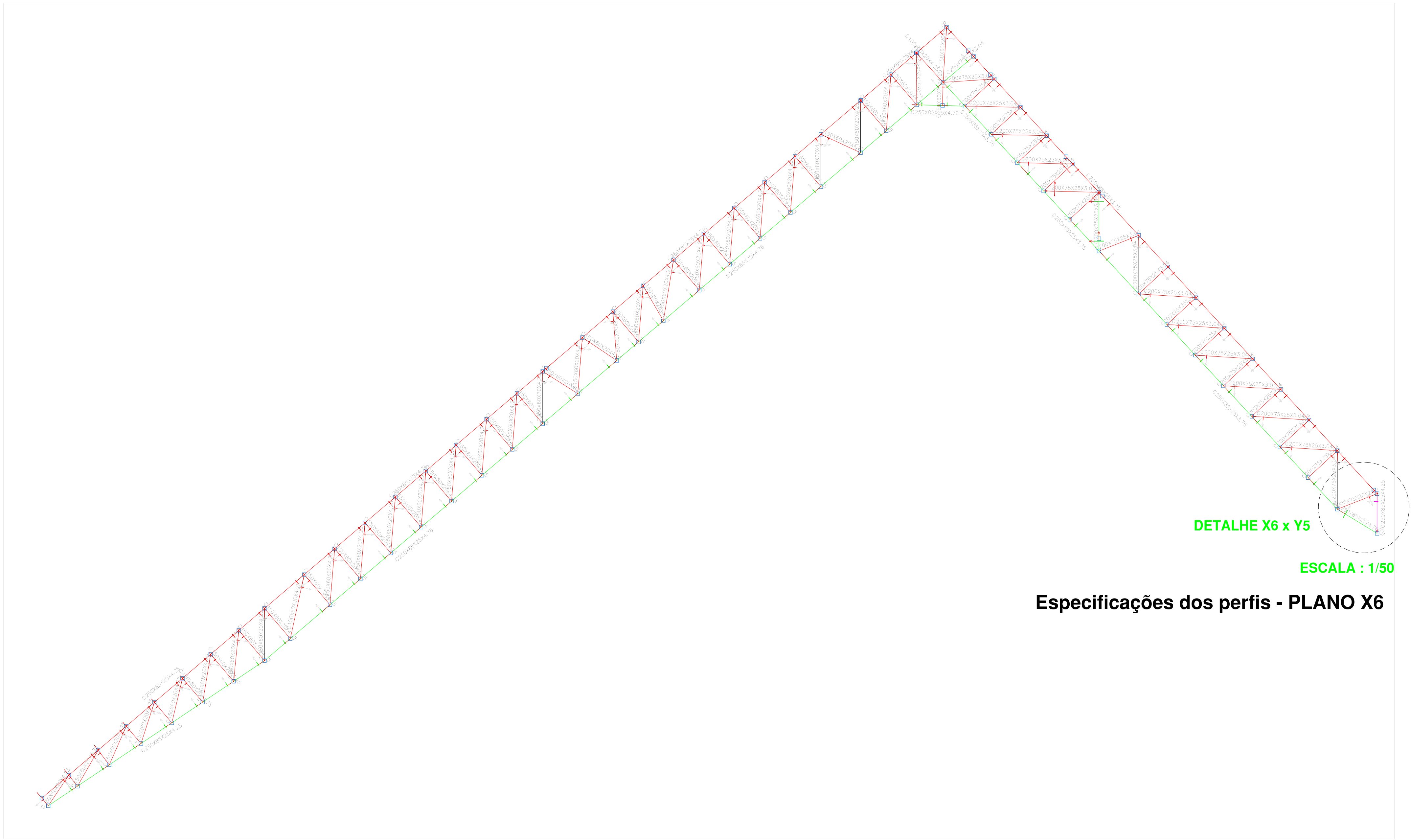


Especificações dos perfis - PLANO X5
ESCALA : 1/50



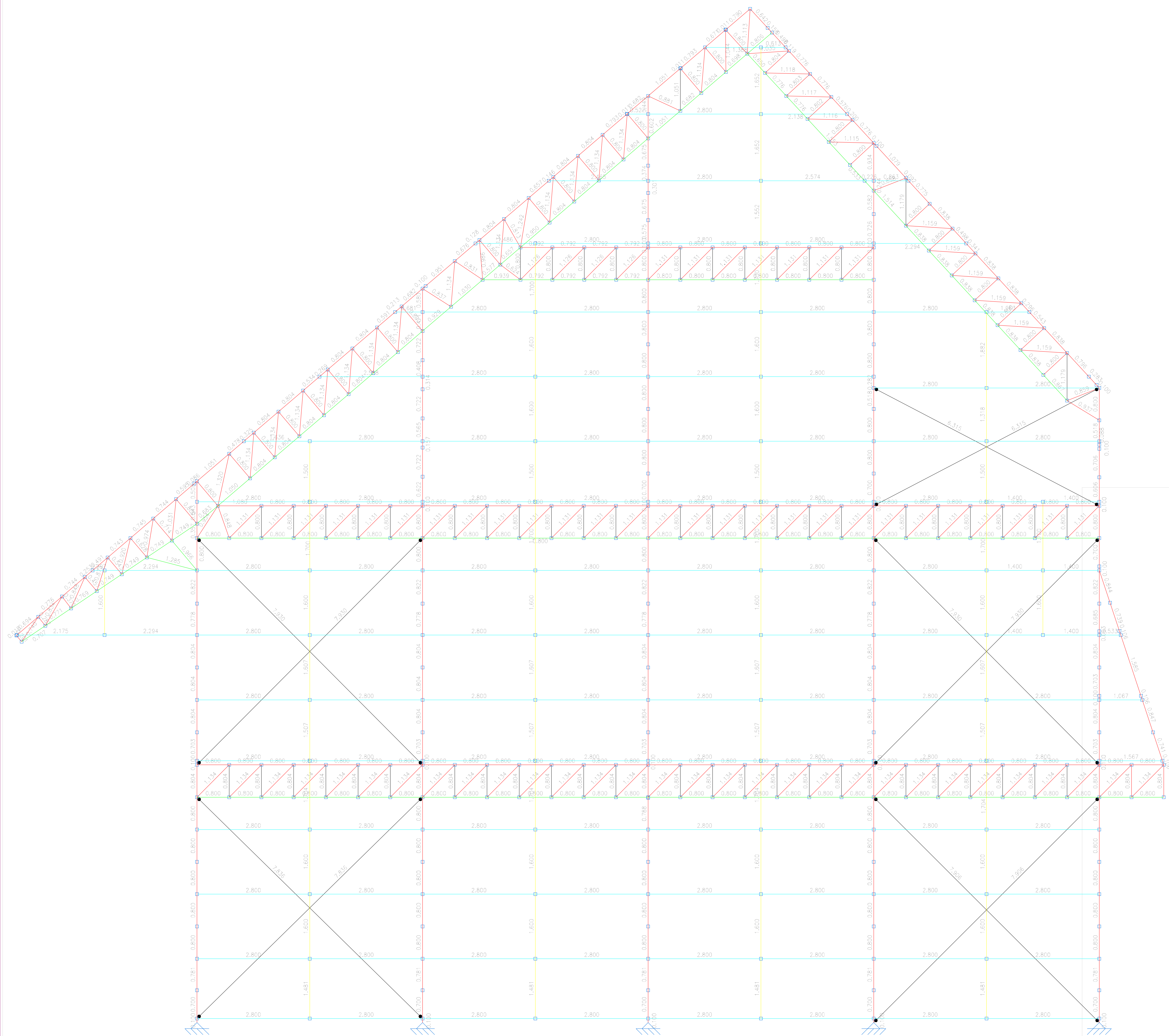


DETALHE X6 x Y5
SEM ESCALA

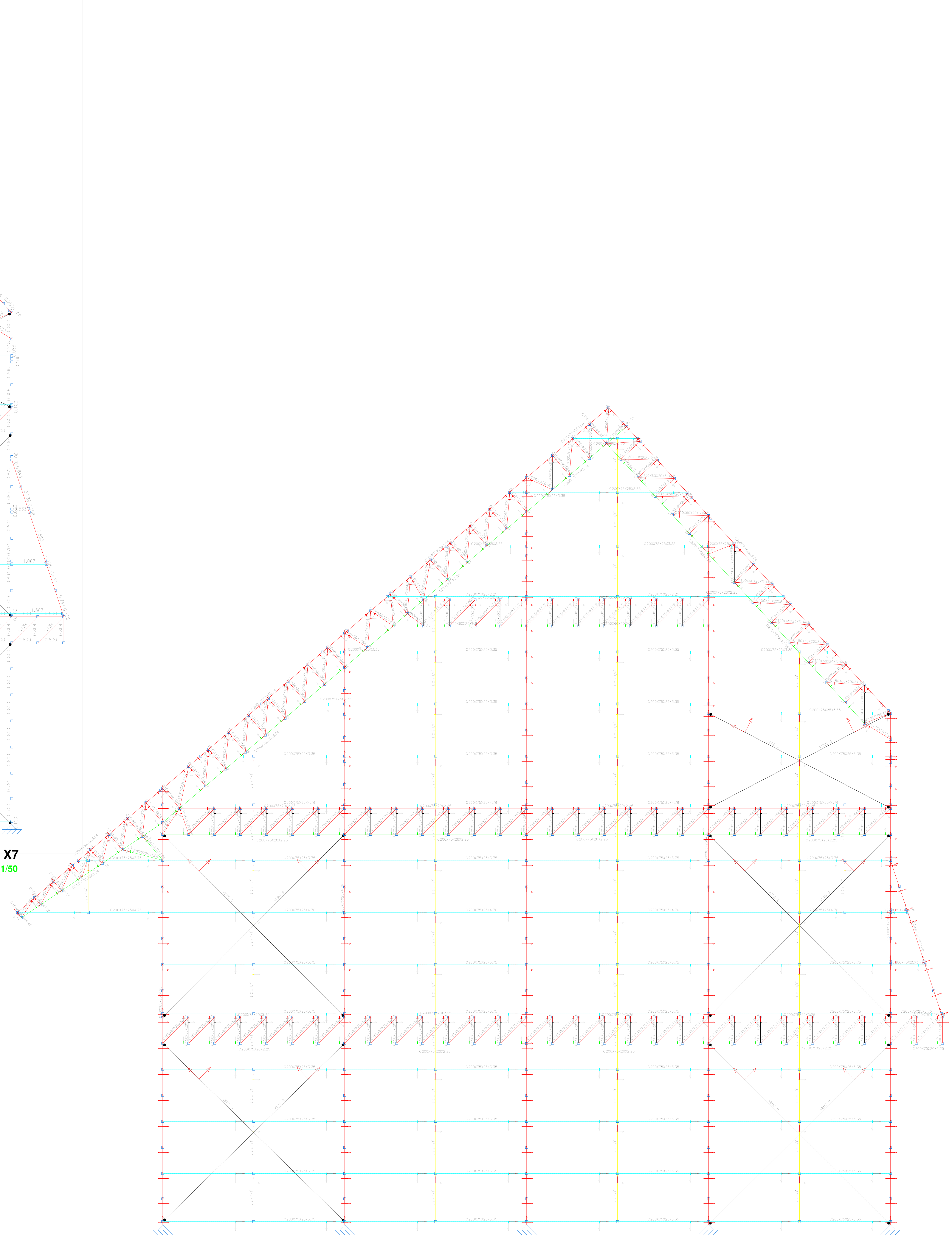


DETALHE X6 x Y5
SEM ESCALA

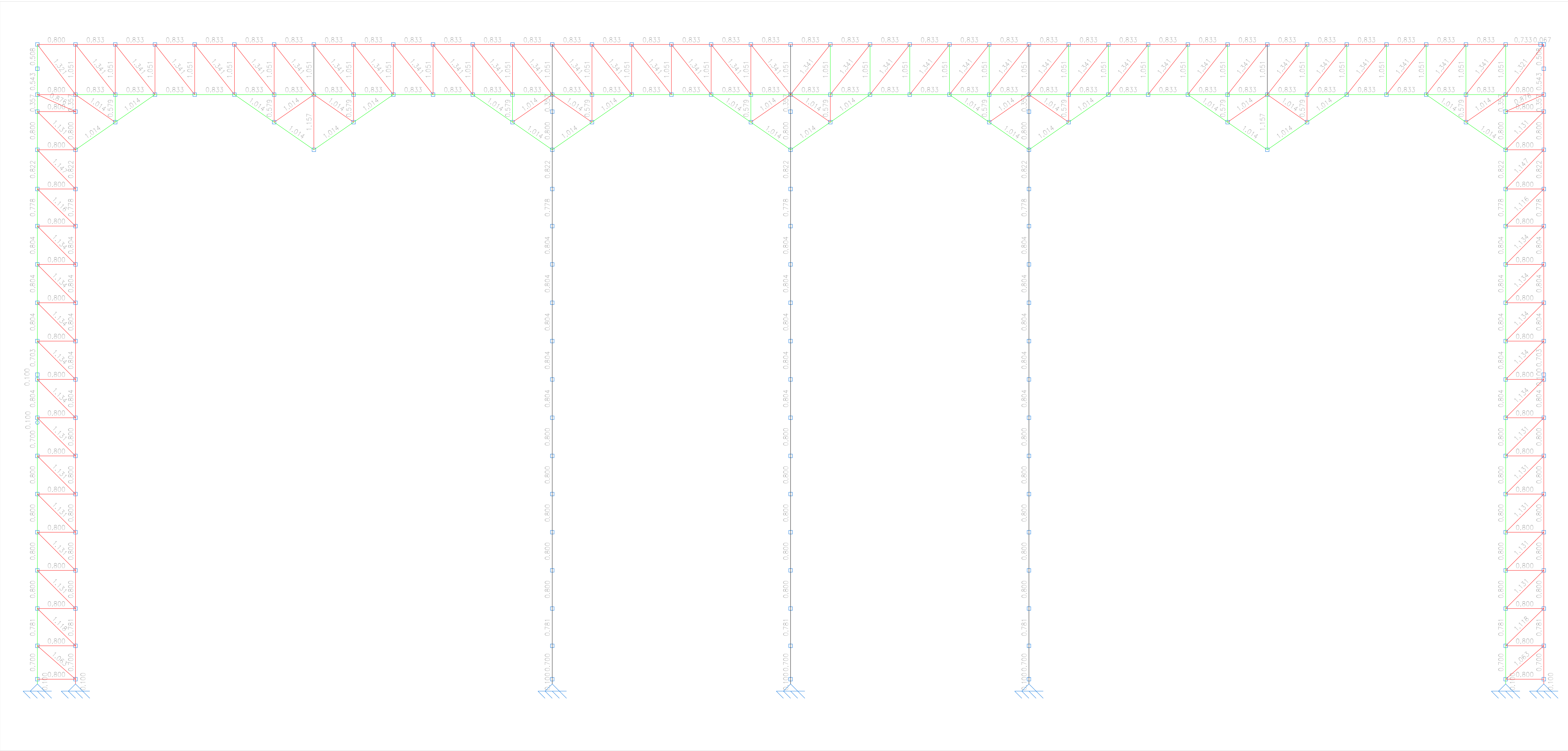




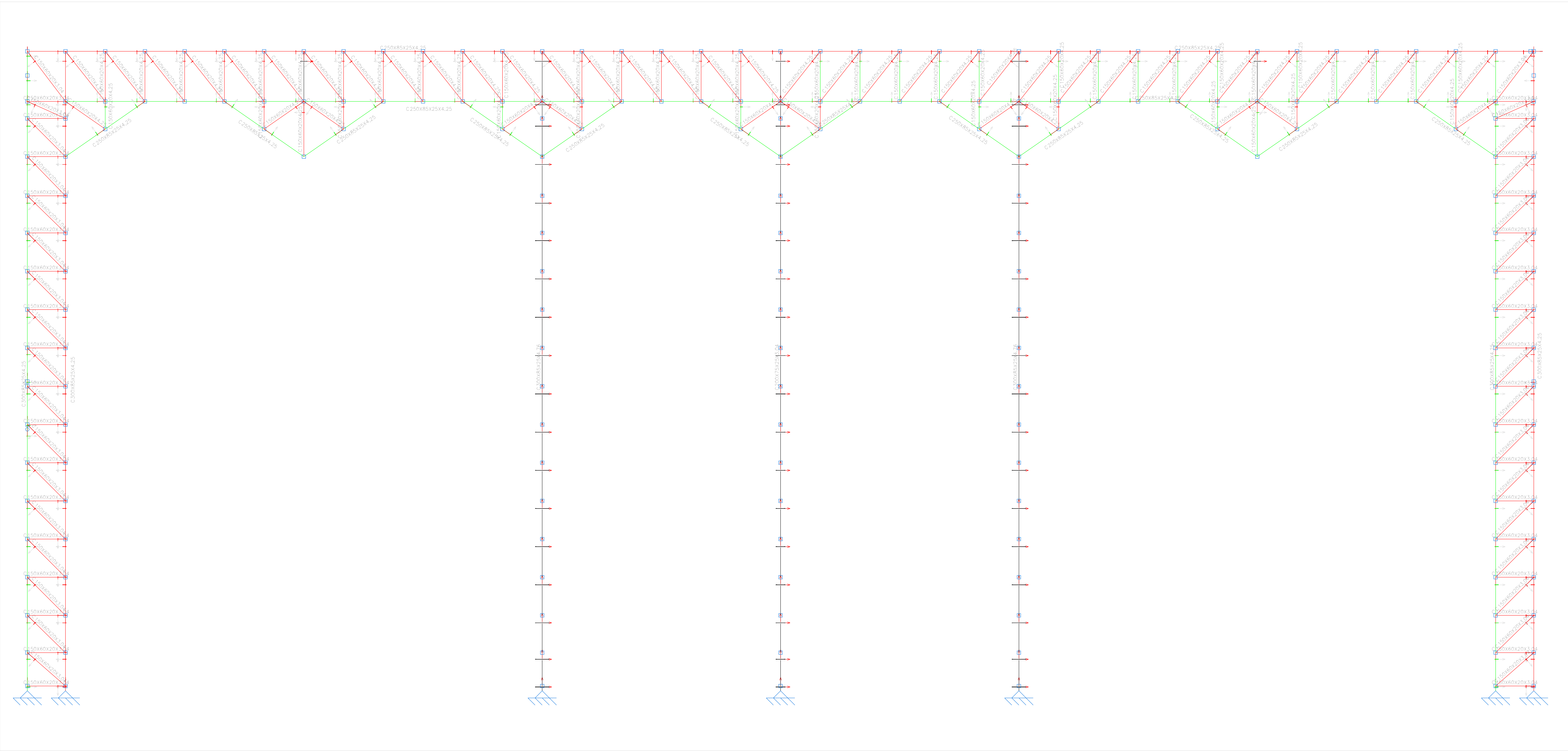
Dimensões das barras - PLANO X7
ESCALA : 1/50



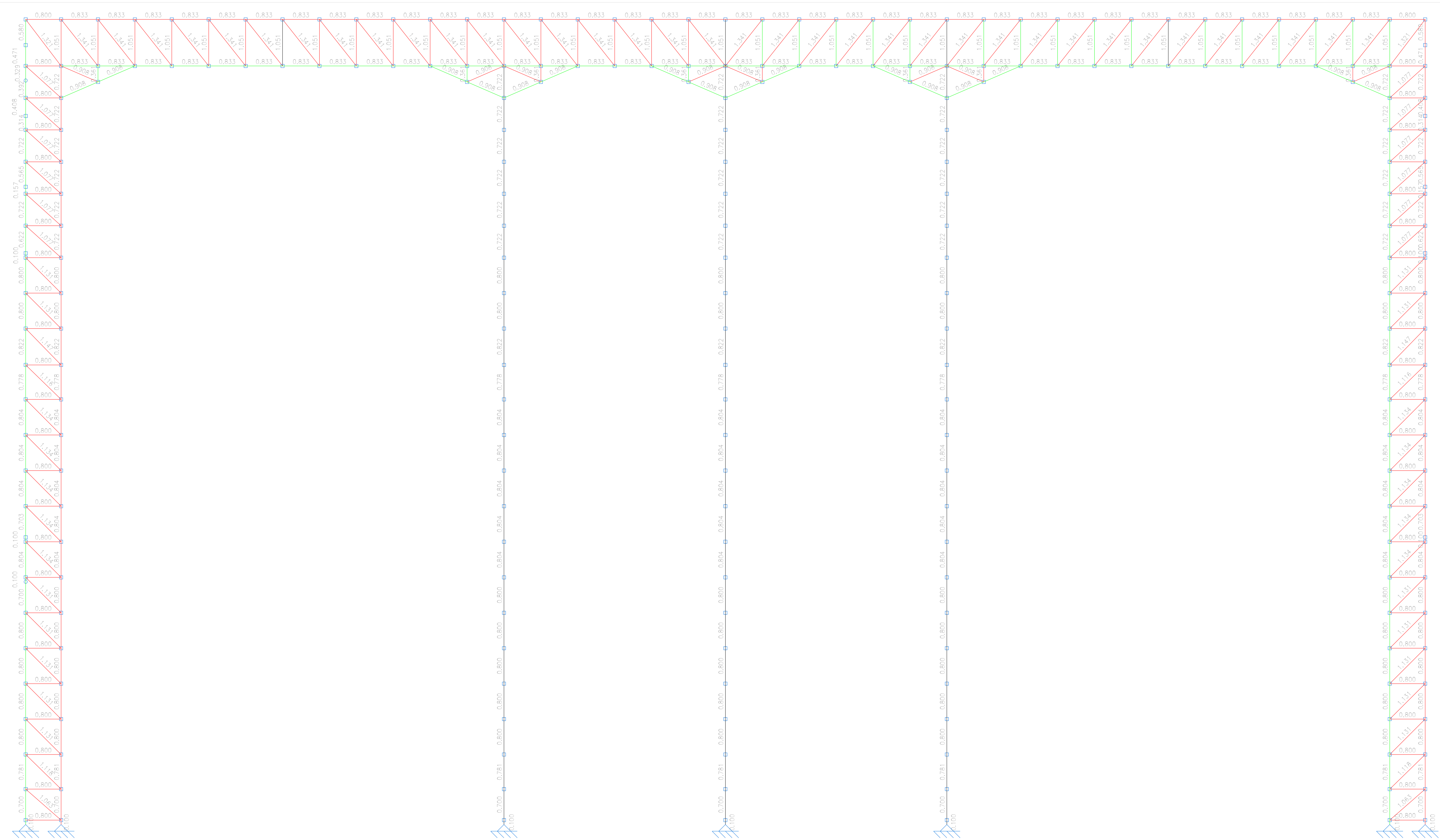
Especificações dos perfis - PLANO X7
ESCALA : 1/50



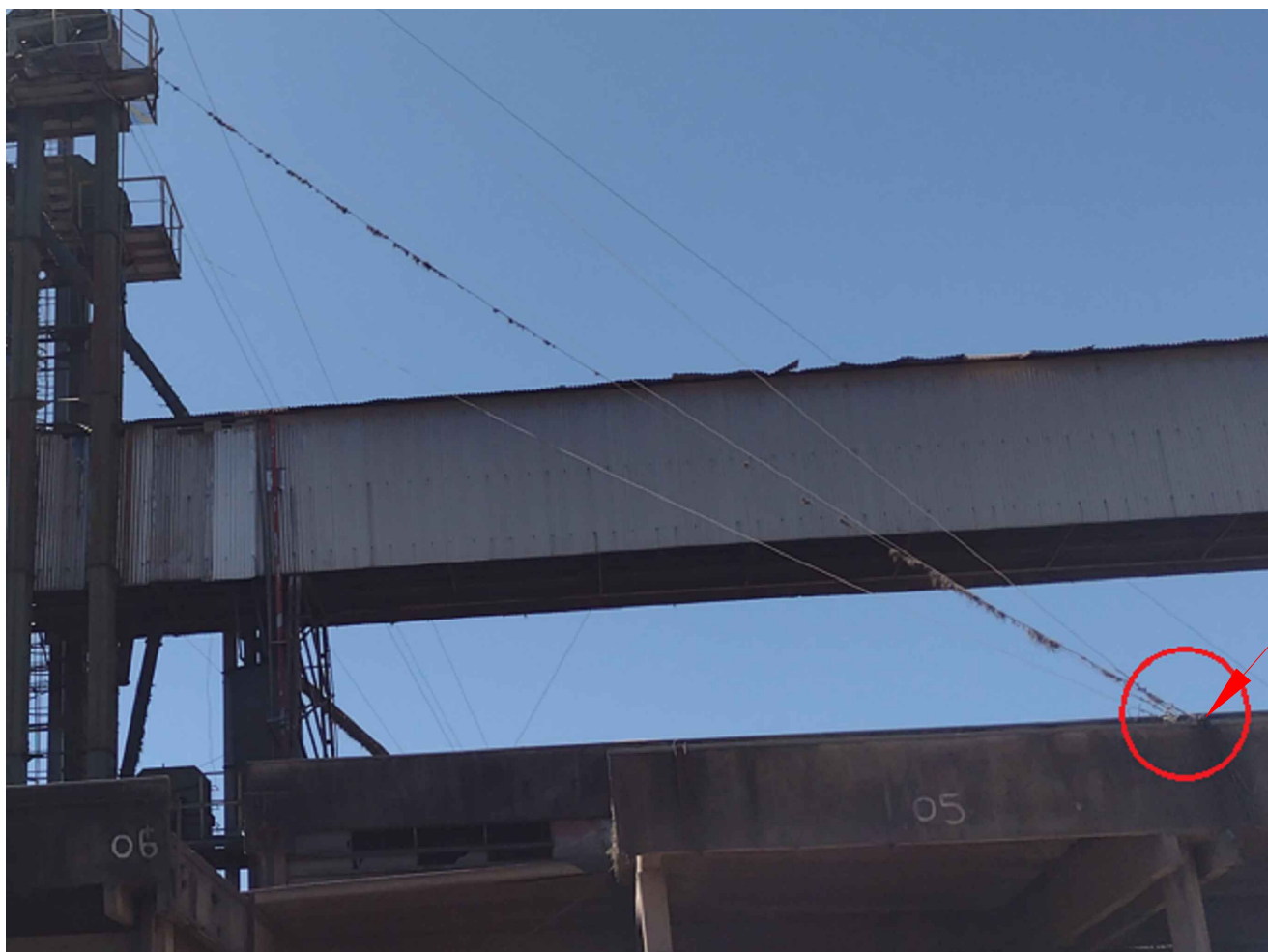
Dimensões das barras - PLANO Y1
ESCALA : 1/50



Especificações dos perfis - PLANO Y1
ESCALA : 1/50

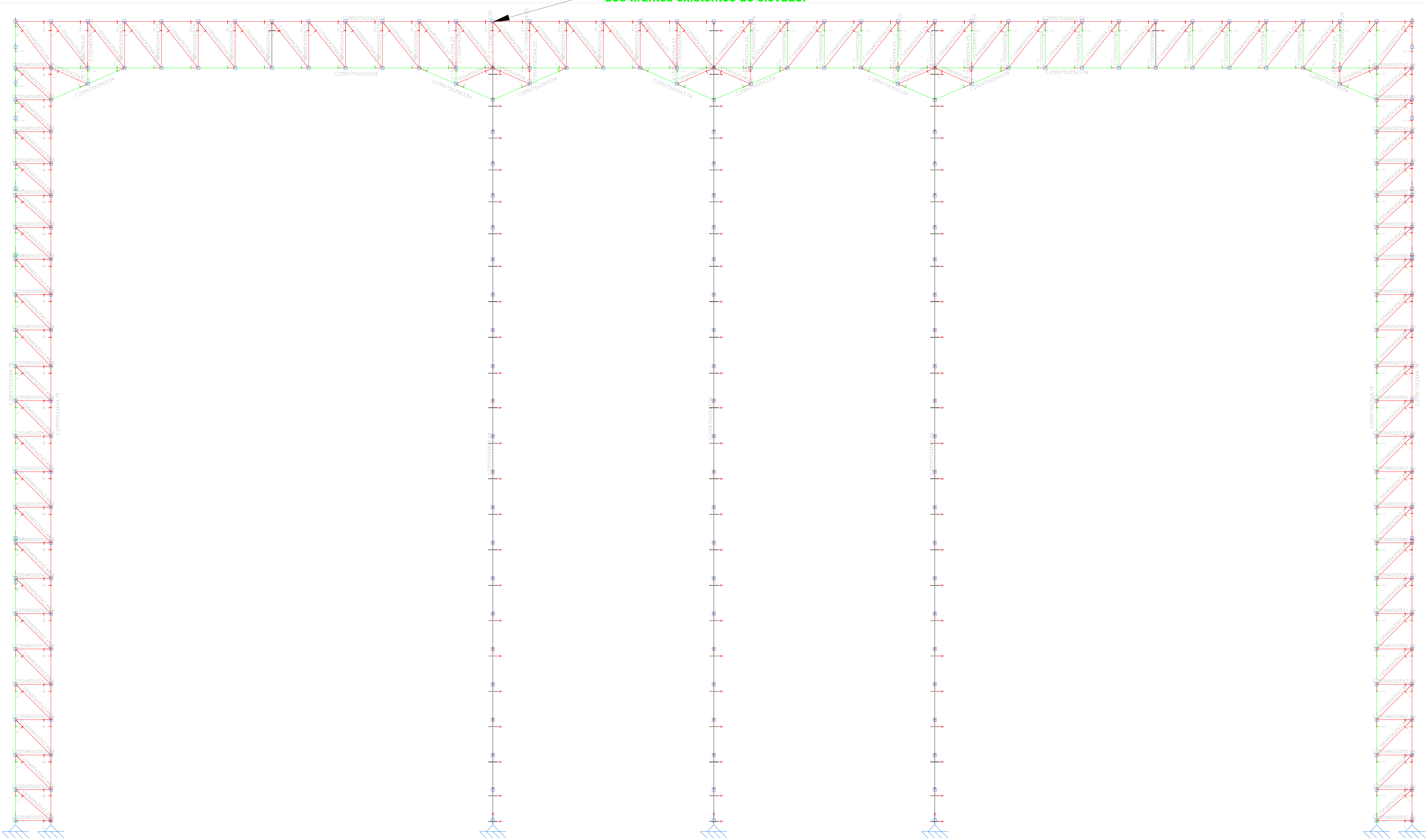


Dimensões das barras - PLANO Y2
ESCALA : 1/50

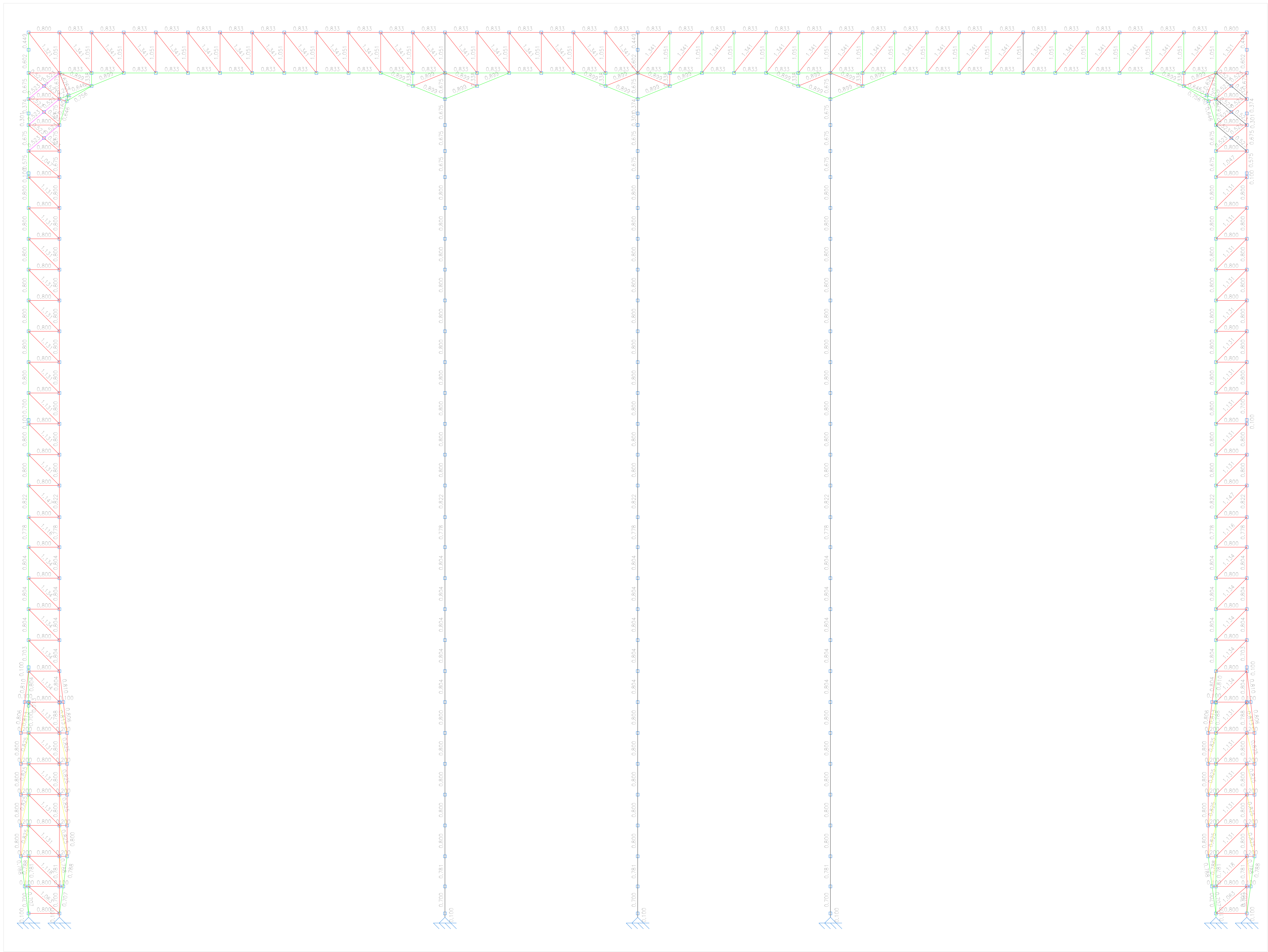


Detalhe dos tirantes existentes
SEM ESCALA

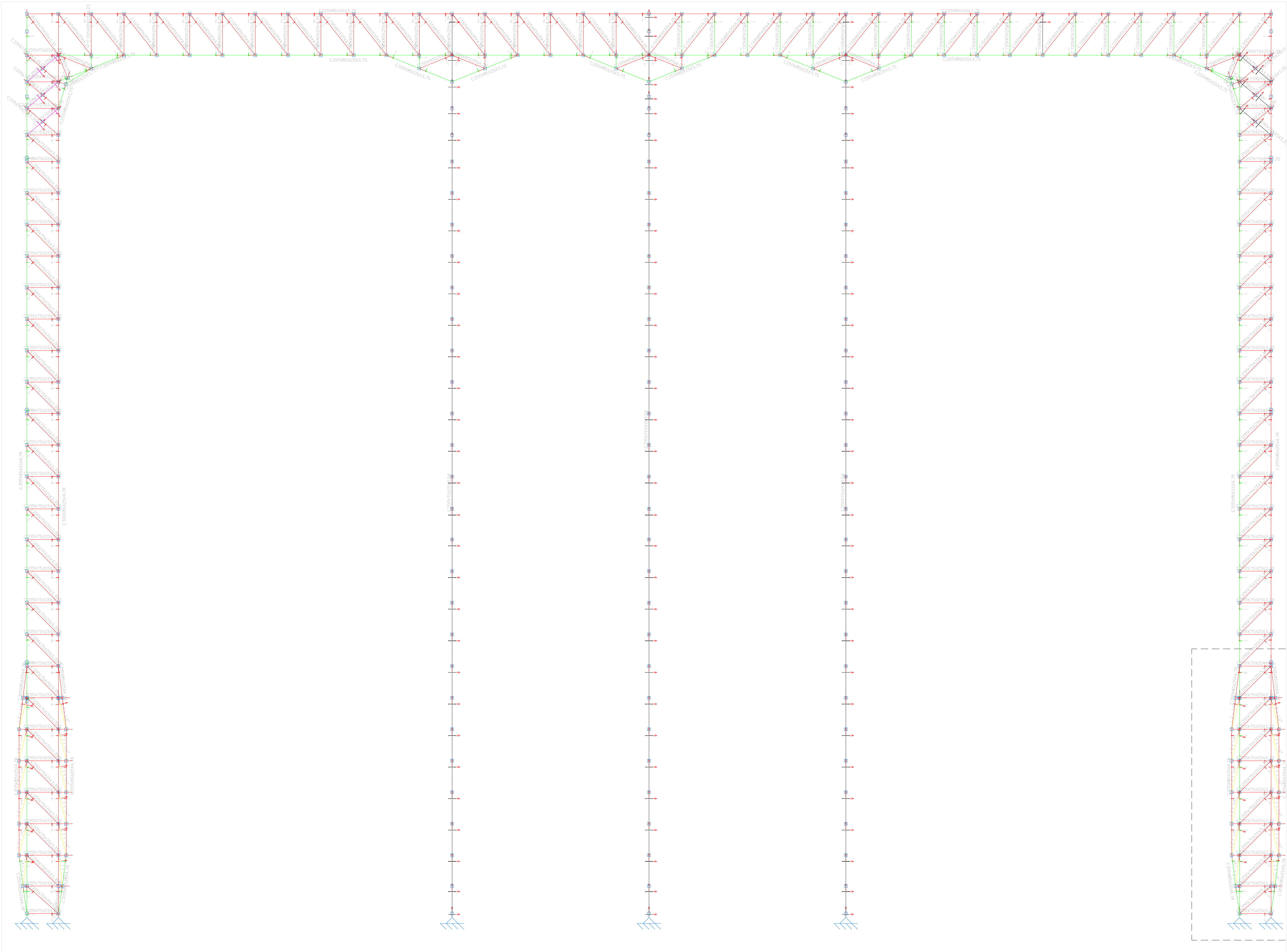
Novo ponto de engastamento
dos tirantes existentes do elevador



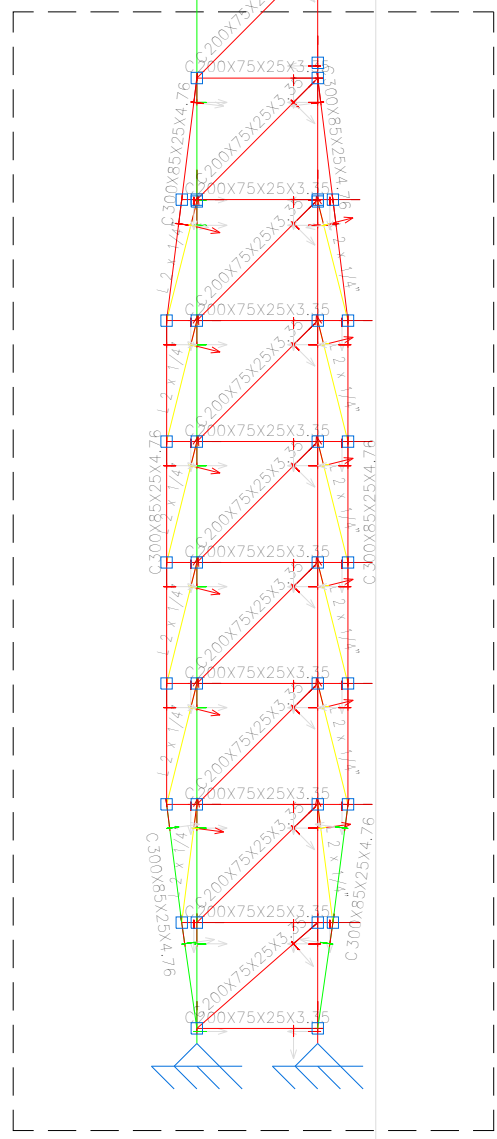
Especificações dos perfis - PLANO Y2
ESCALA : 1/50



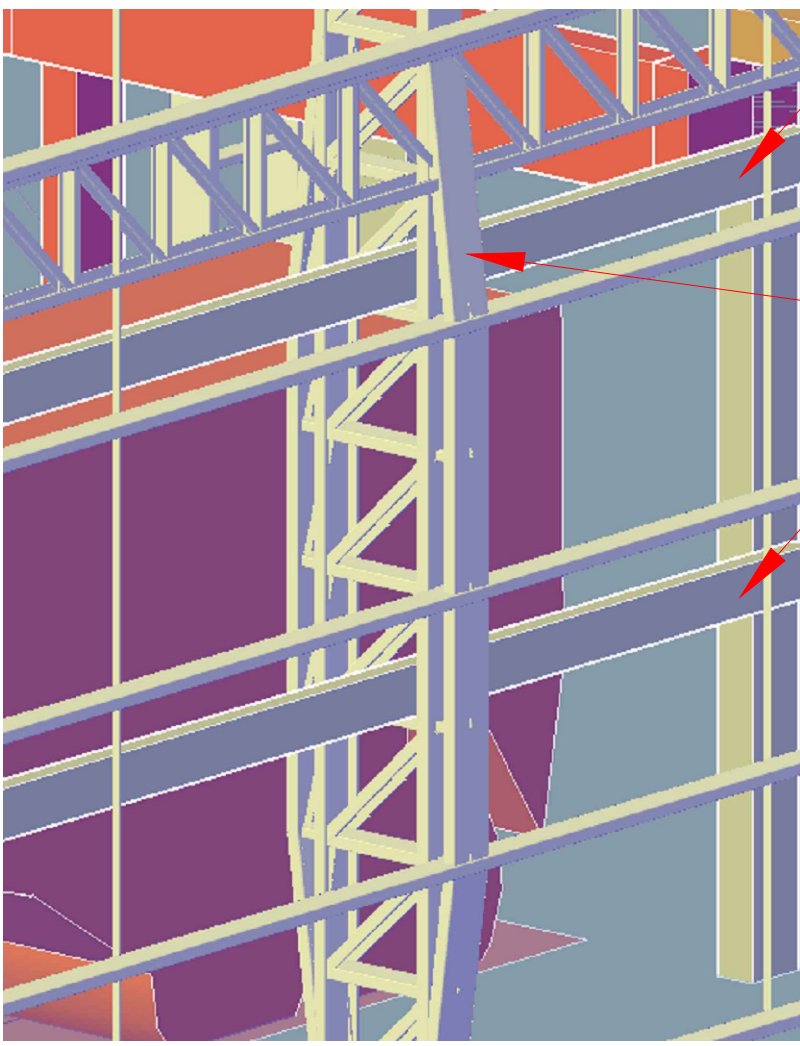
Dimensões das barras - PLANO Y3
ESCALA : 1/50



Especificações dos perfis - PLANO Y3
ESCALA : 1/50



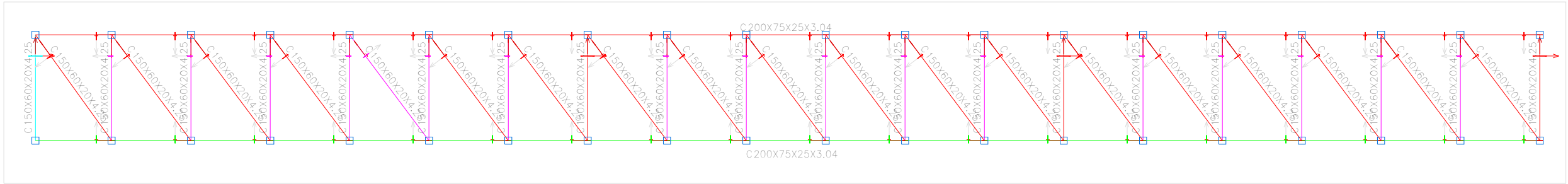
Detalhe da estrutura da
captção de pó



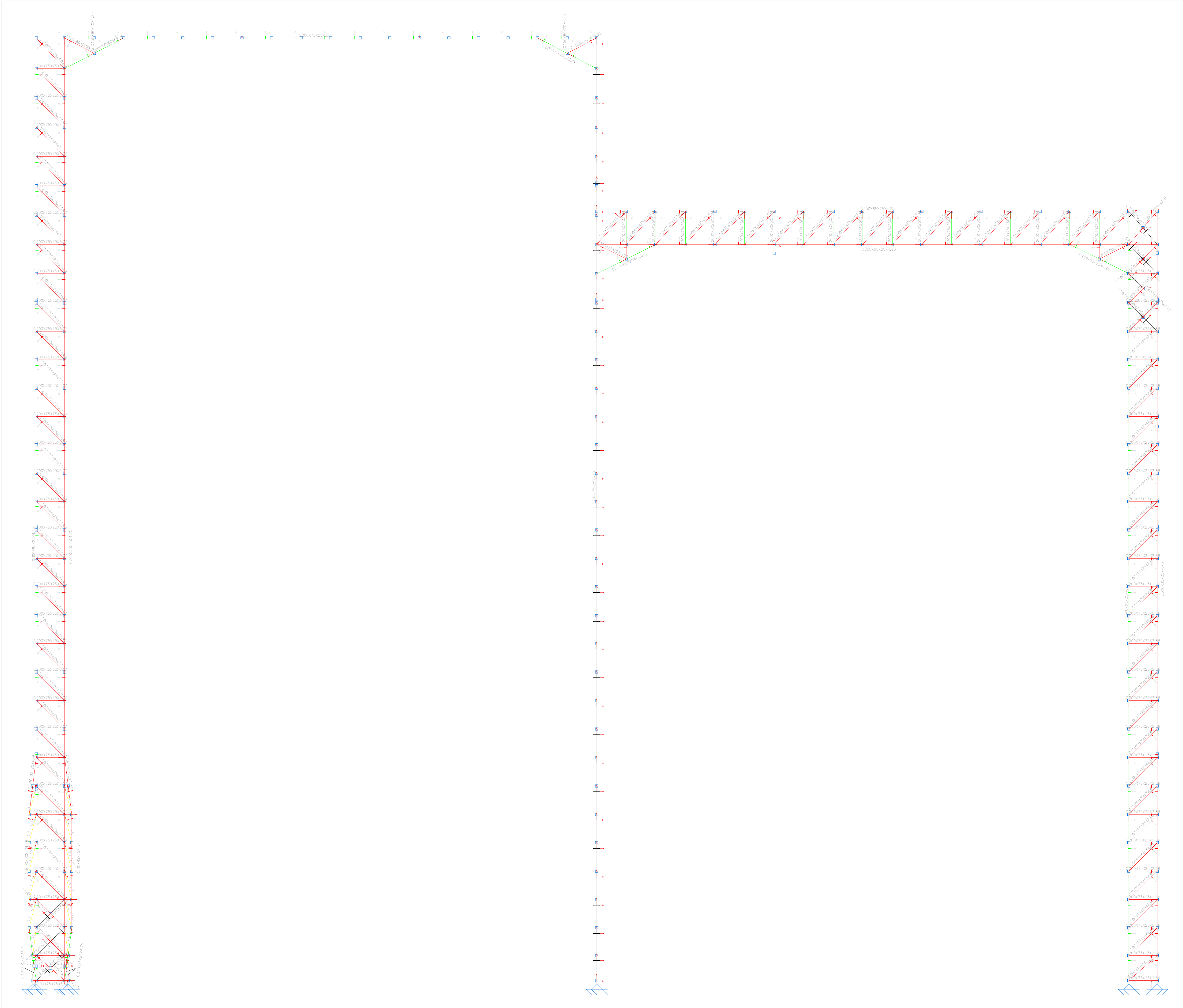
Detalhe da estrutura da
captção de pó
SEM ESCALA

- Vigas da captção de pó
no interior do pilar treliçado
- Realizar corte na laje da captção de pó
com folga de 5 cm
- Vigas da captção de pó
no interior do pilar treliçado

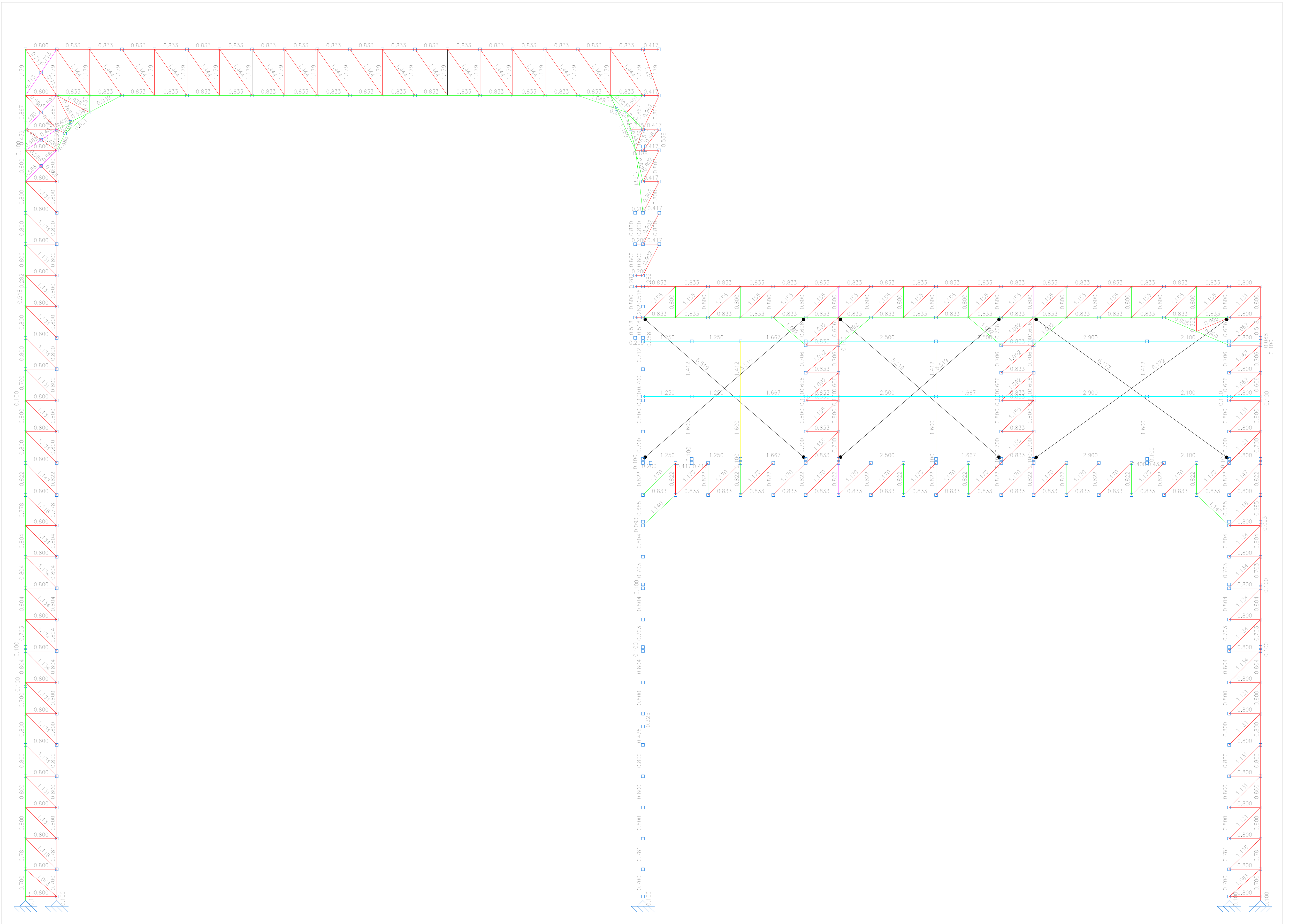




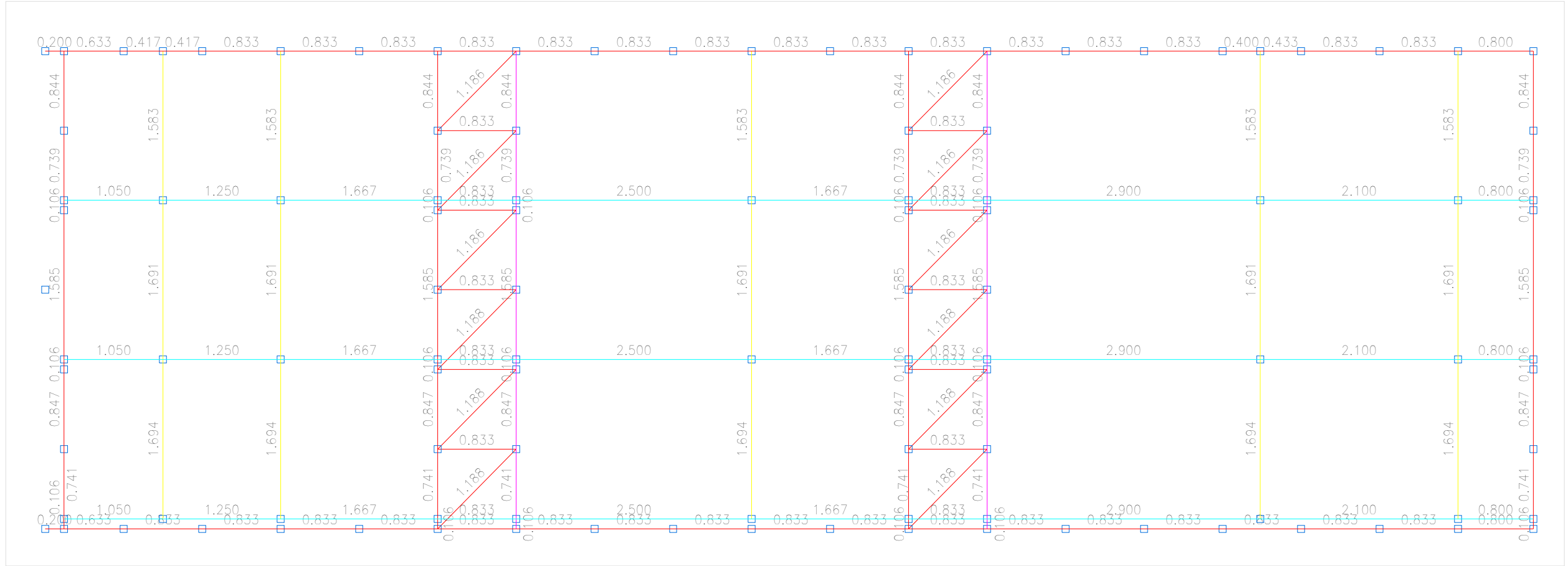
Especificações dos perfis - PLANO Y4.1
ESCALA : 1/50



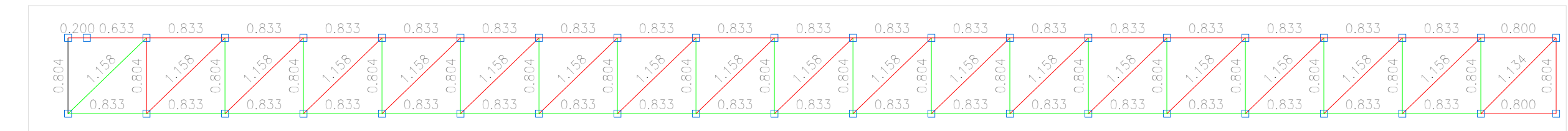
Especificações dos perfis - PLANO Y4
ESCALA : 1/50



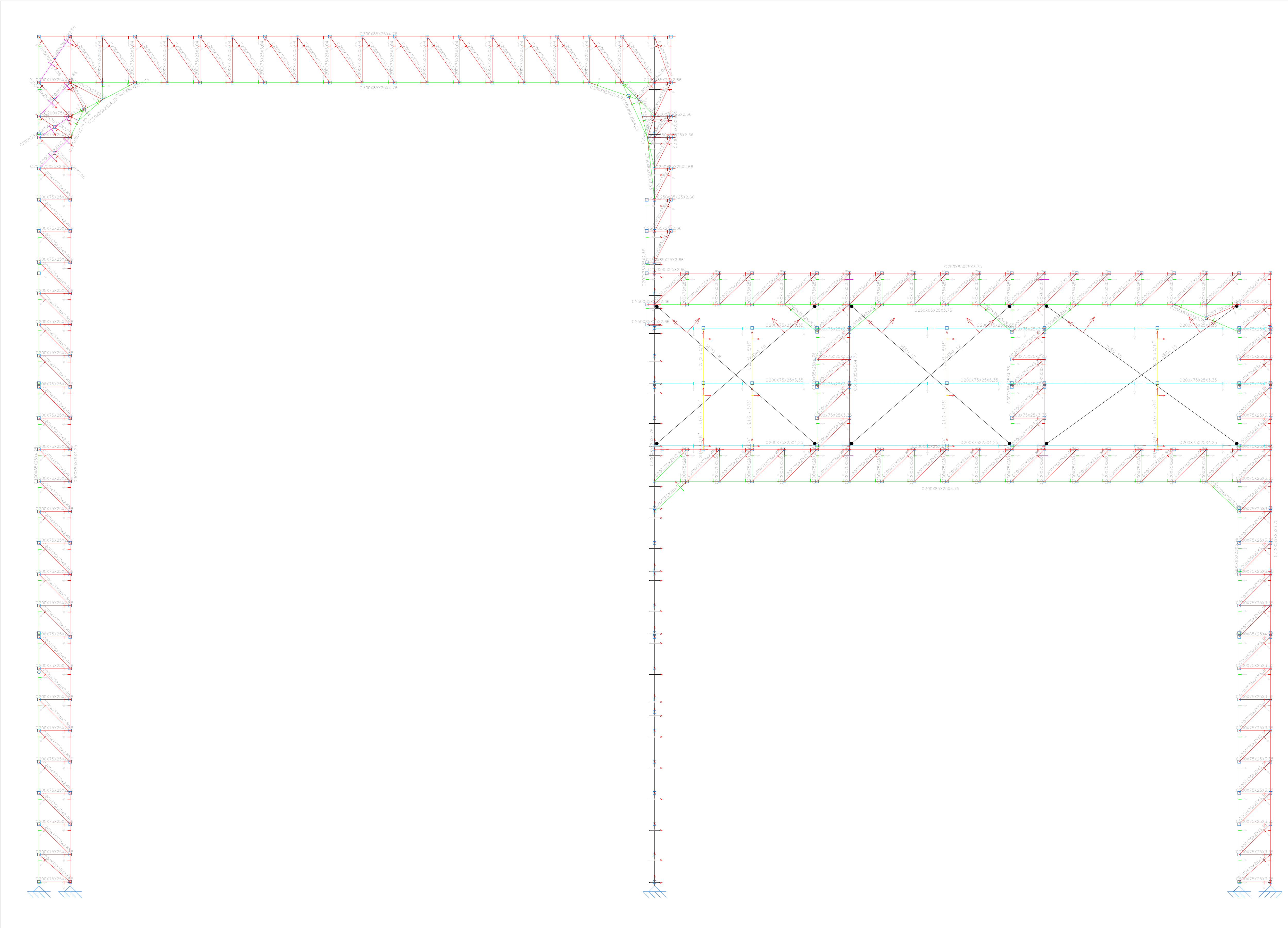
Dimensões das barras - PLANO Y5
ESCALA : 1/50



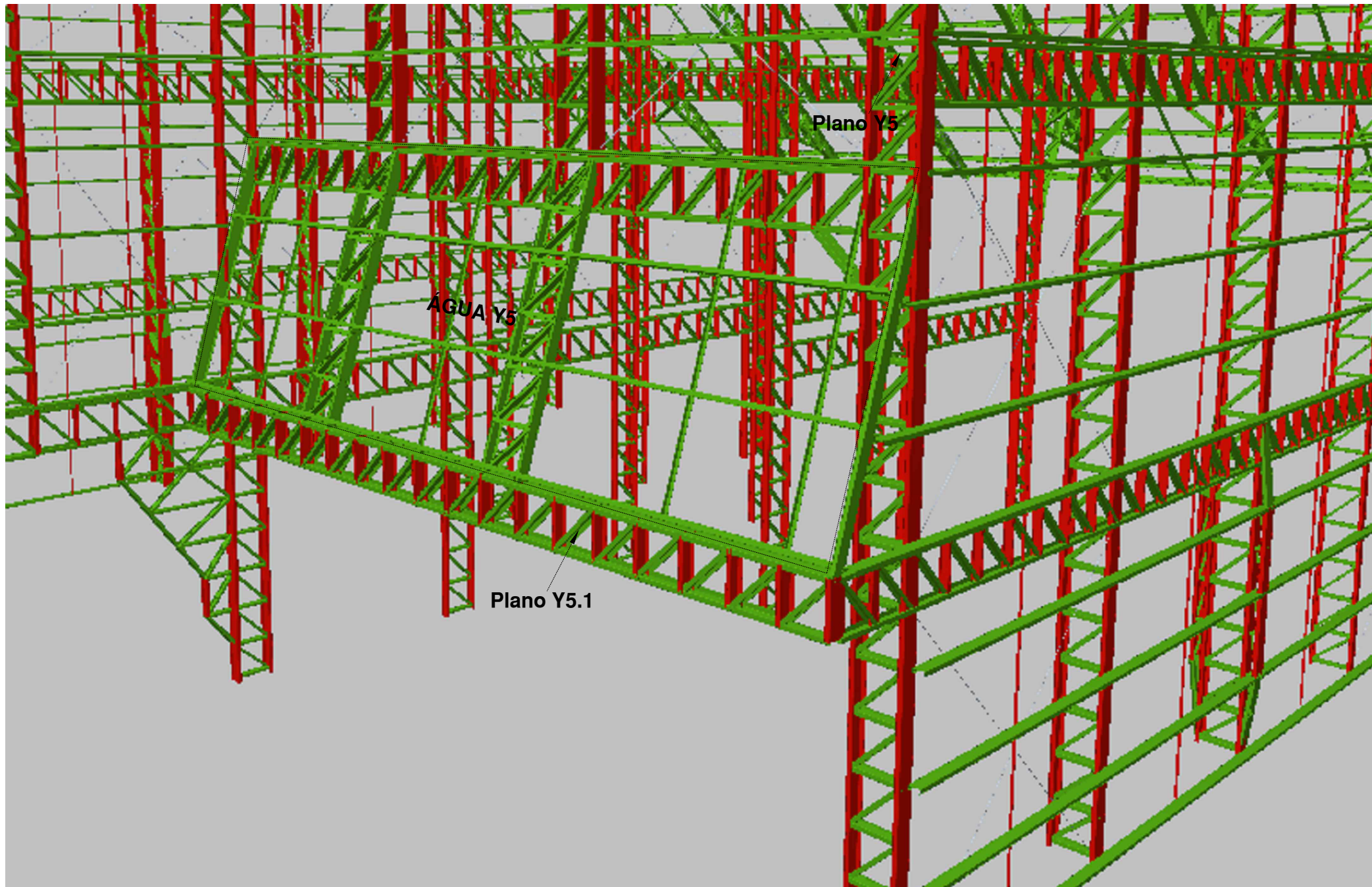
Dimensões das barras - ÁGUA Y5
ESCALA : 1/50



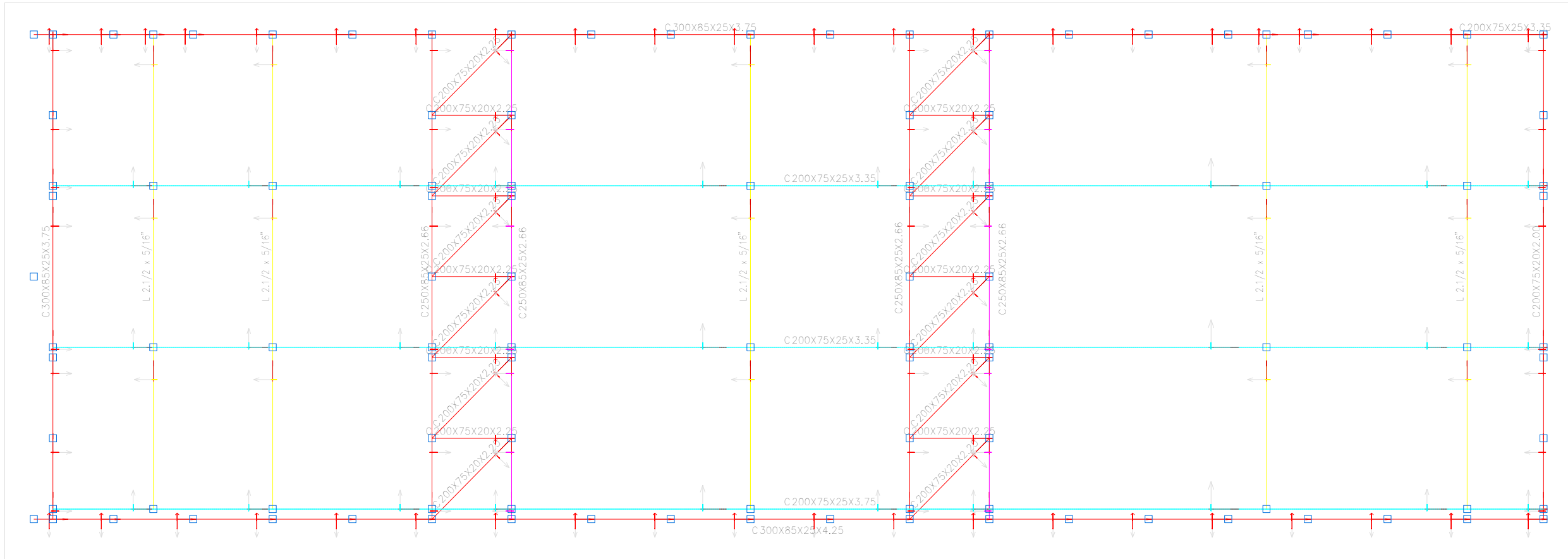
Dimensões das barras - PLANO Y5.1
ESCALA : 1/50



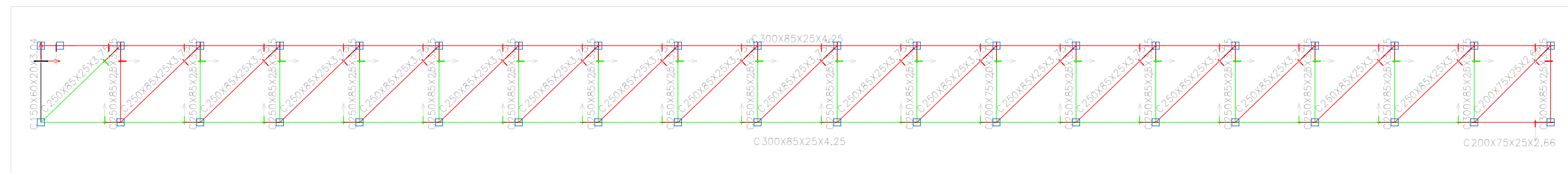
Especificações dos perfis - PLANO Y5
ESCALA : 1/50



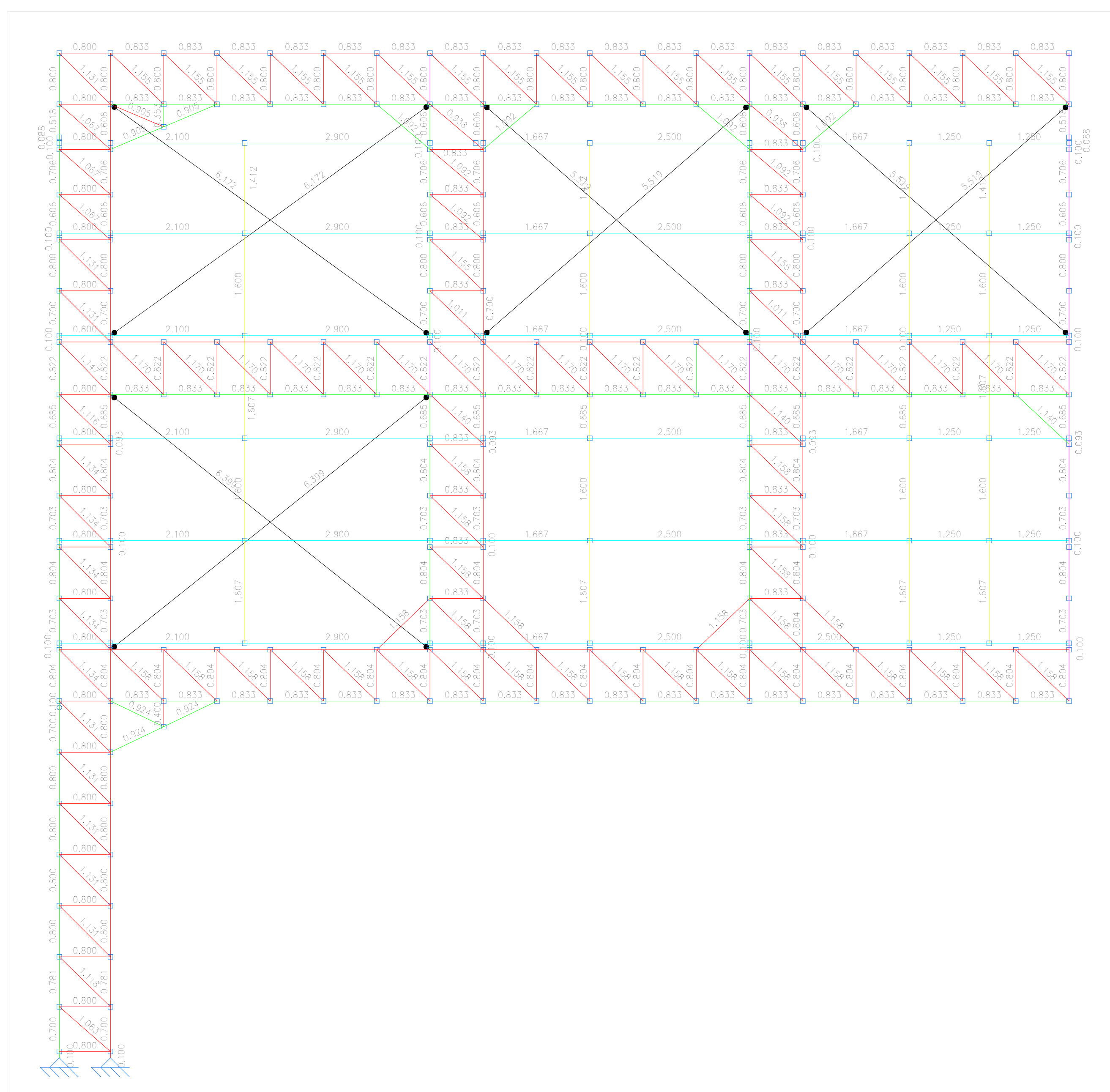
Detalhe - PLANOS Y5 x Y5.1
ESCALA : 1/50



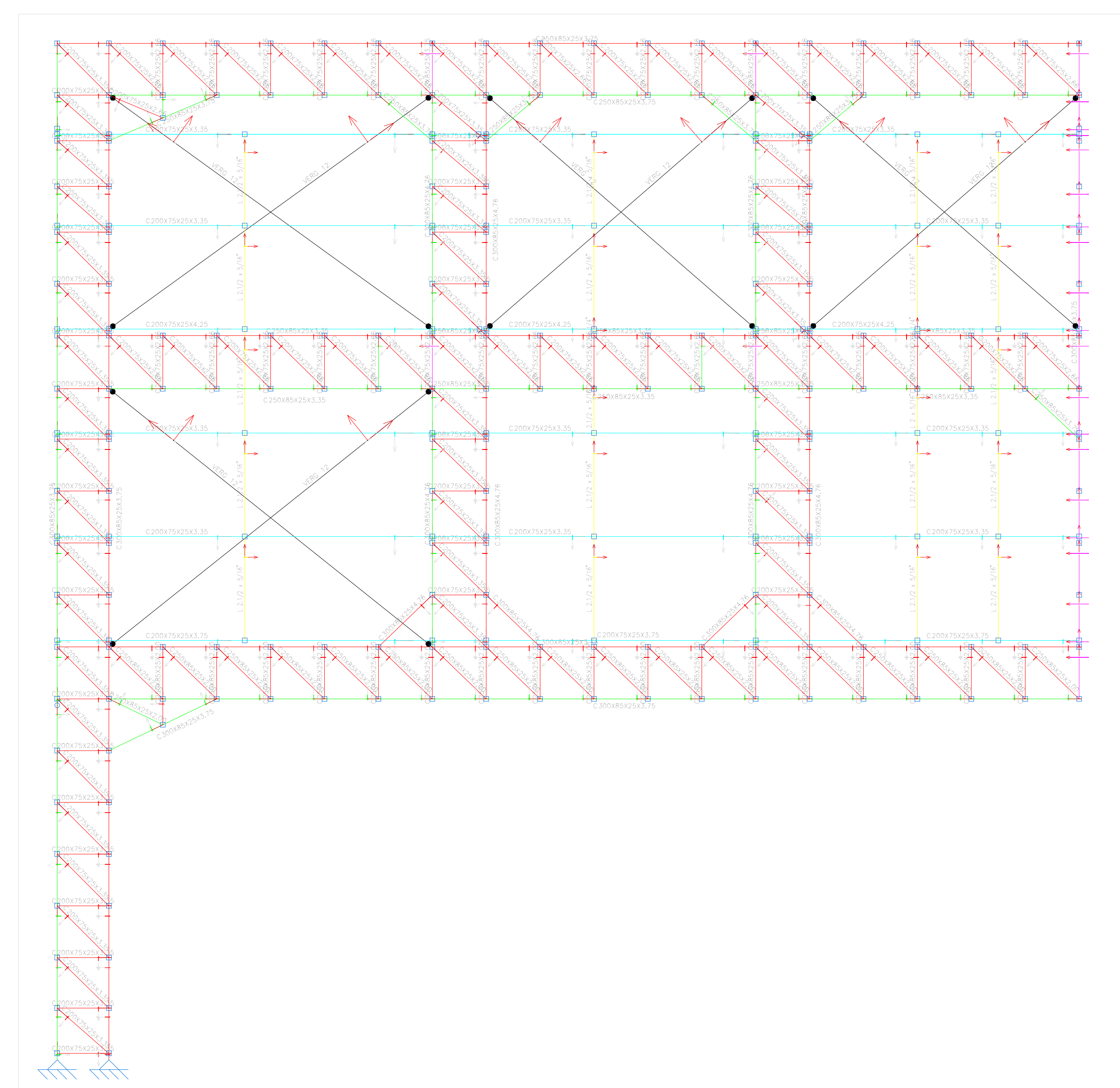
Especificações dos perfis - ÁGUA Y5
ESCALA : 1/50



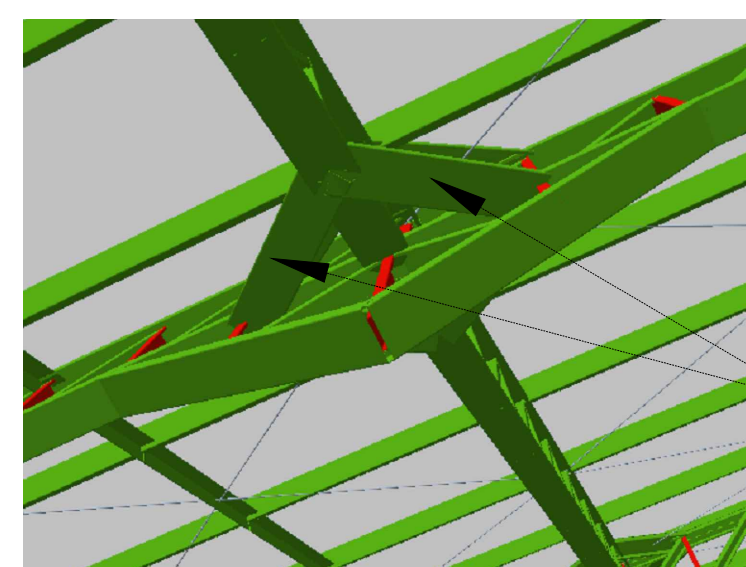
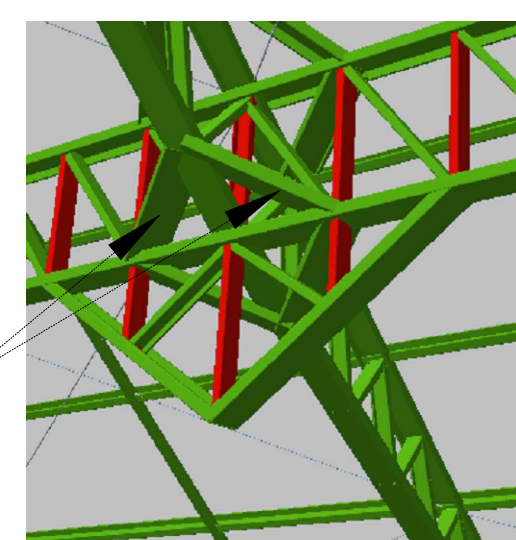
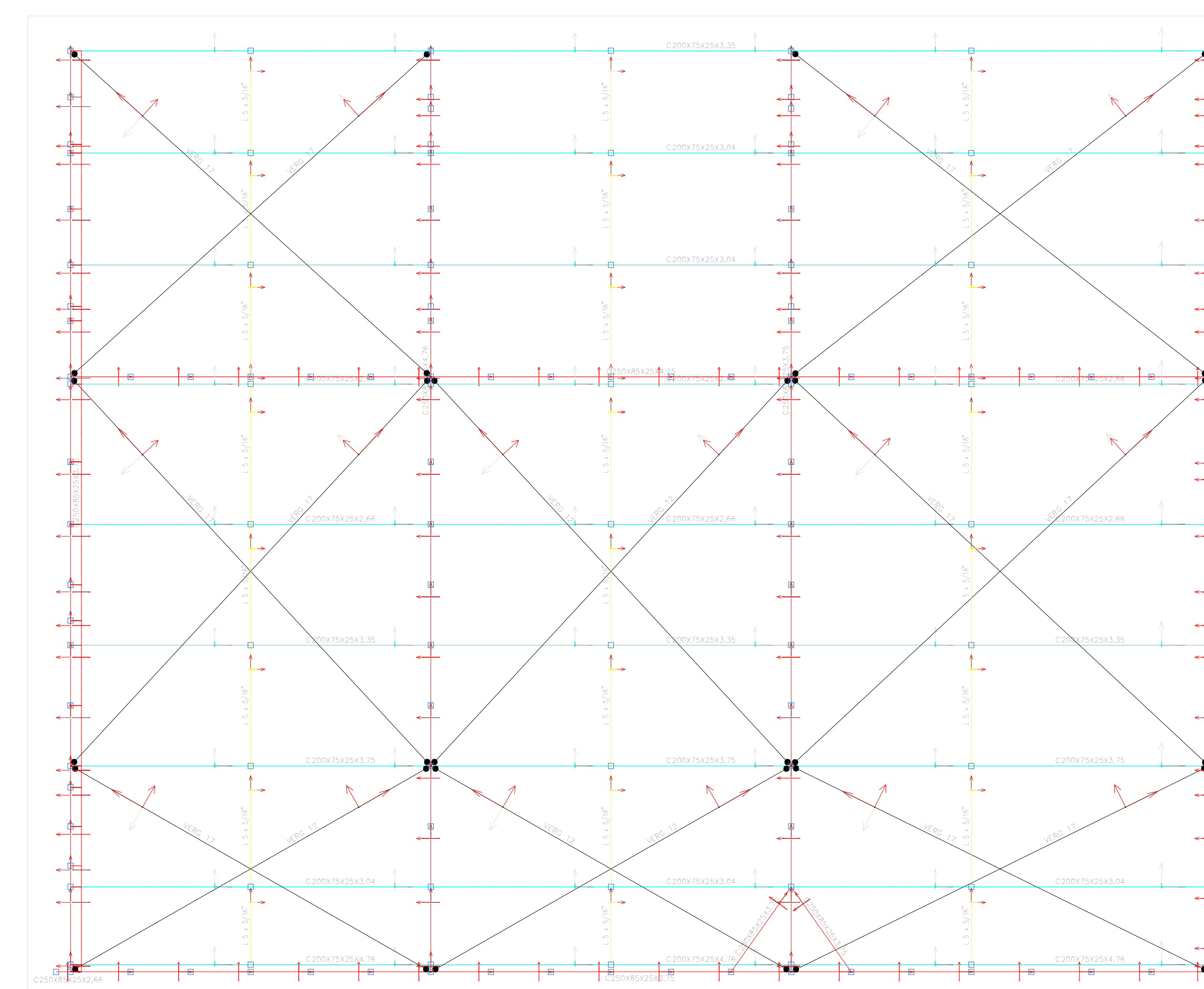
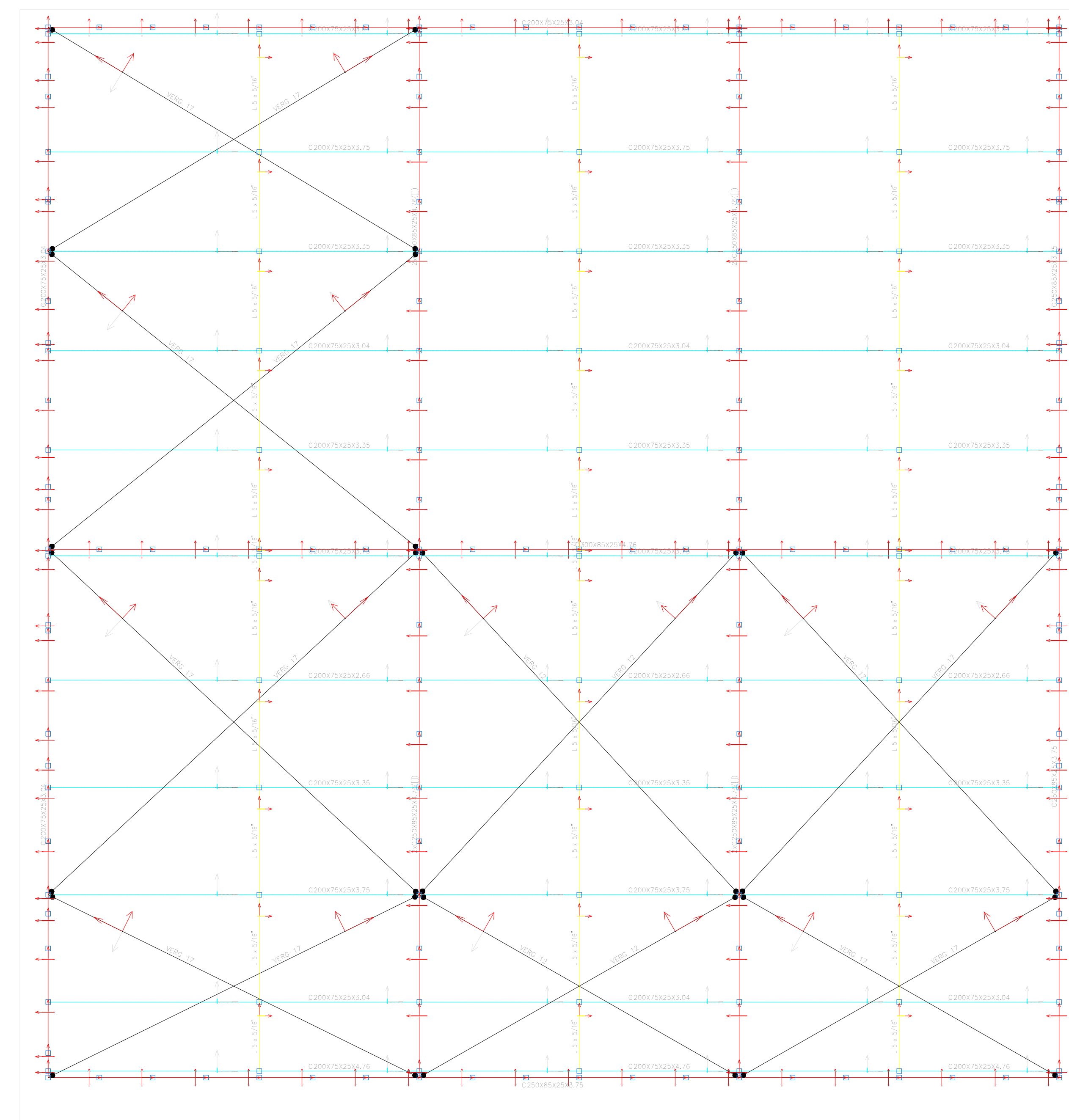
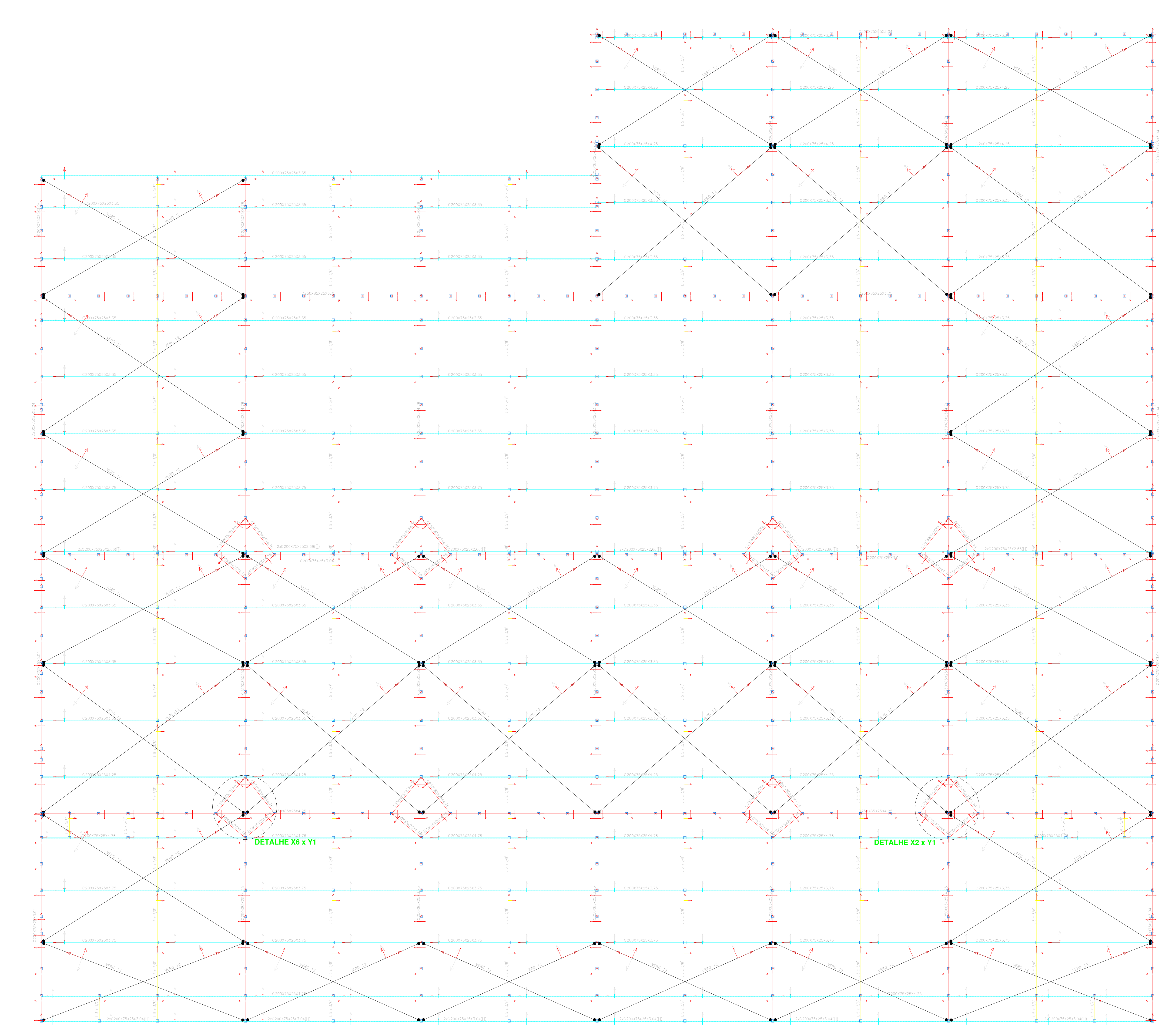
Especificações dos perfis - PLANO Y5.1
ESCALA : 1/50

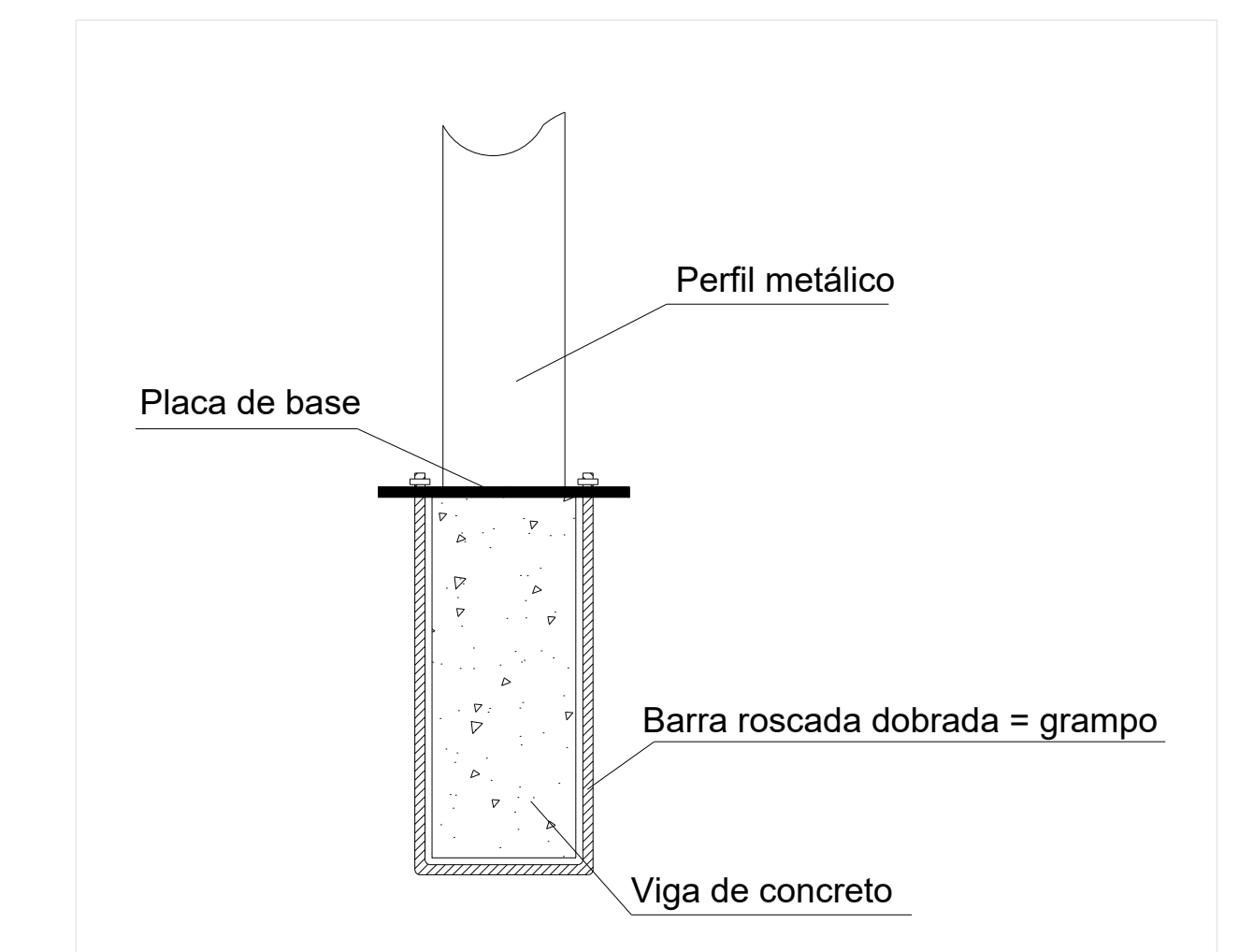
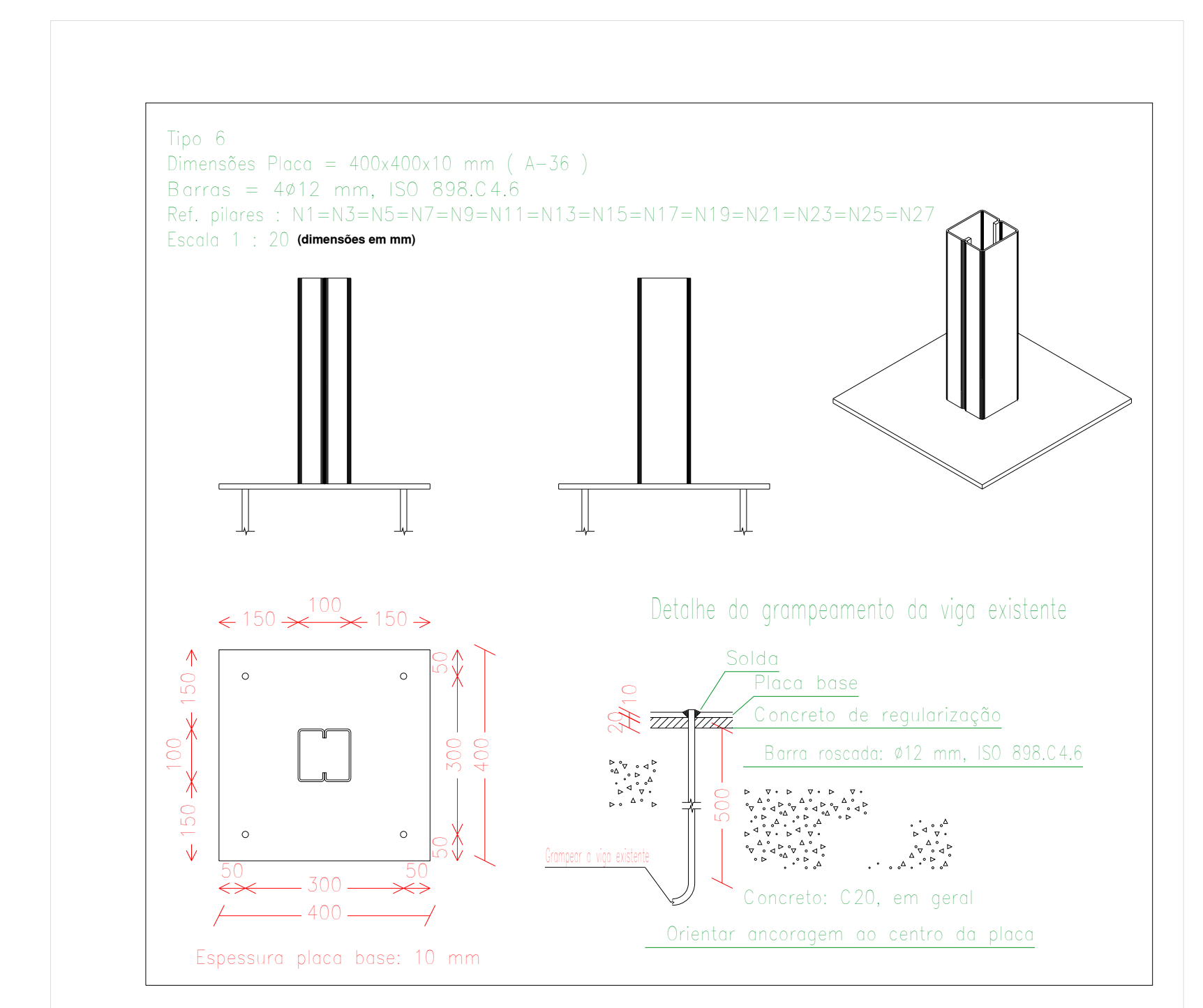


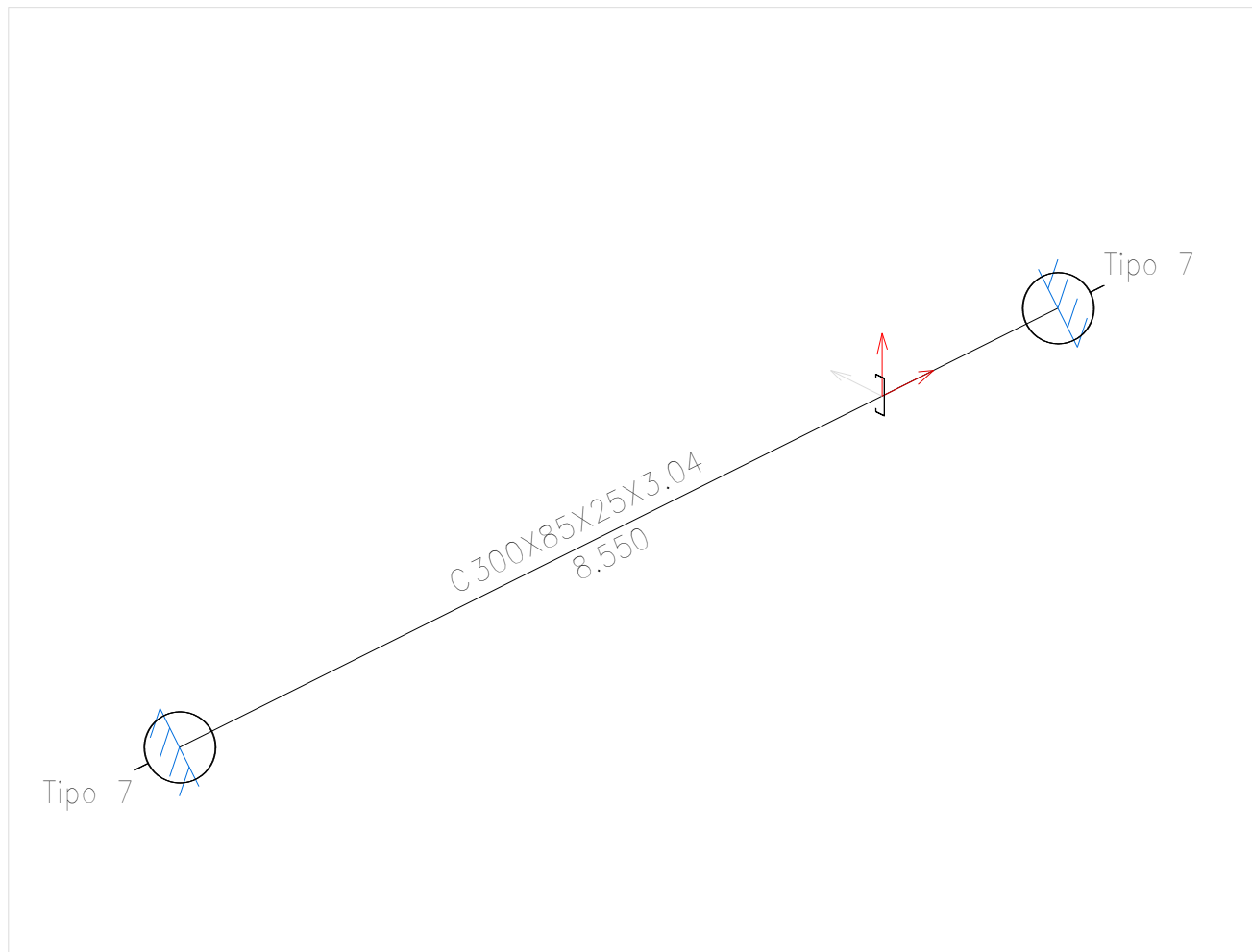
Dimensões das barras - PLANO Y6
ESCALA : 1/50



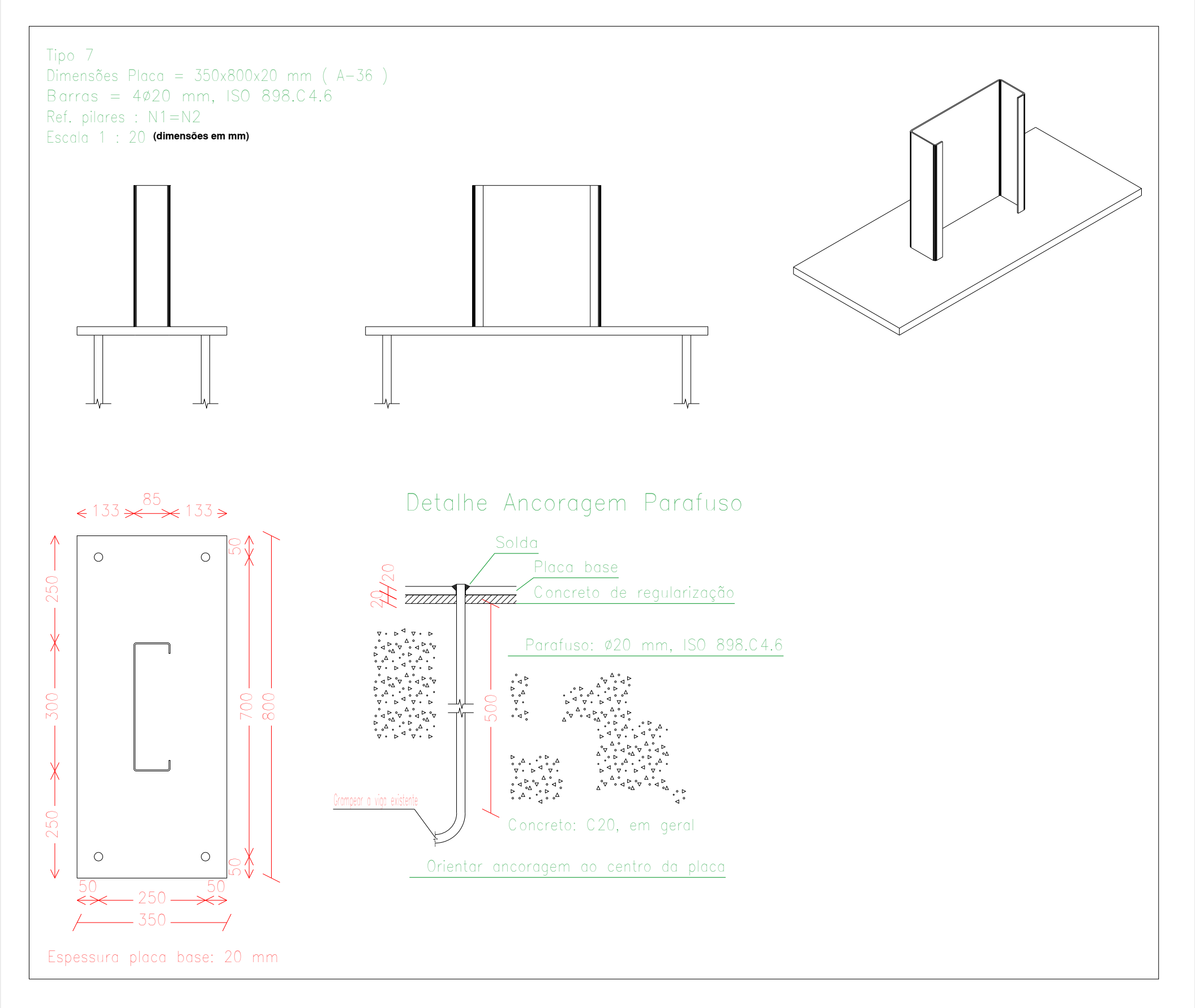
Especificações dos perfis - PLANO Y6
ESCALA : 1/50



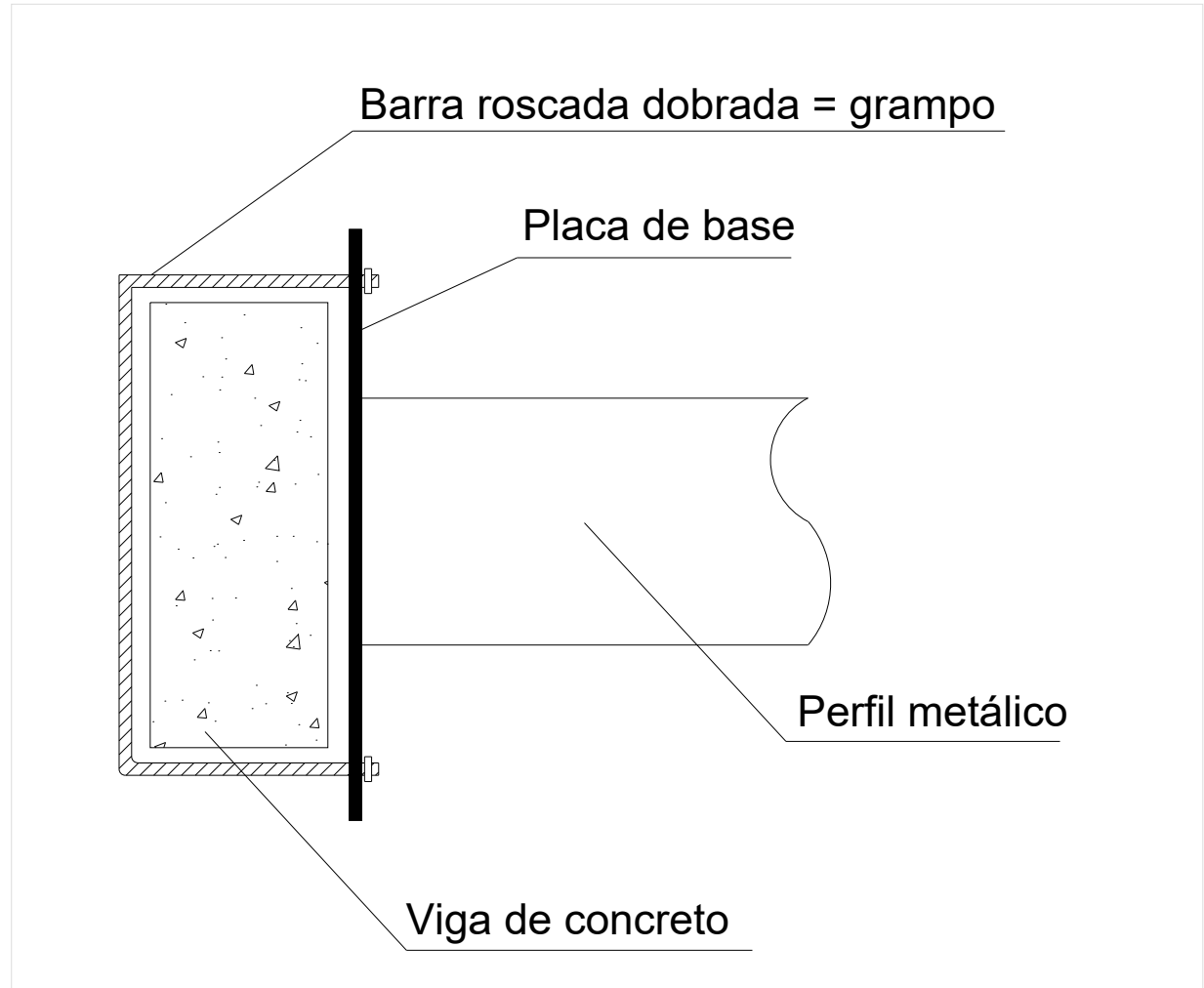




Dimensões das barras e especificações dos perfis
VIGAS DO VÃO 01
ESCALA : 1/50



Especificações das placas de base - VIGAS DO VÃO 01
ESCALA : 1/20



Engastamentos das placas de base - VIGAS DO VÃO 01
SEM ESCALA

Lista de materiais - Cobertura 01 (01/03)

Tabela resumo												
Material		Série	Perfil	Comprimento			Volume			Peso		
Tipo	Designação			Perfil (m)	Série (m)	Material (m)	Perfil (m³)	Série (m³)	Material (m³)	Perfil (kg)	Série (kg)	Material (kg)
Aço laminado	A-36 250Mpa	VERG	VERG 9	291.184	1018.233		0.019	0.122		145.42	958.30	
			VERG 12	537.014			0.061			476.77		
			VERG 18	11.037			0.003			22.05		
			VERG 15	12.344			0.002			17.12		
			VERG 17	166.654			0.038			296.94		
			L 5 x 3/8"	158.366			0.369			2895.35		
		Cantoneira	L 5 x 5/16"	86.686			0.169			1326.94		
			L 2 x 1/4"	229.854			0.139			1093.44		
			L 2.1/2 x 5/16"	65.667			0.062			488.68		
			L 2 x 5/16"	0.685			0.001			3.99		
			L 3 x 1/2"	1.424			0.003			19.83		
			L 2.1/2 x 3/16"	0.200			0.000			0.91		
		CF-26	C200X75X25X3.04	1065.225	1561.115		1.230	0.865		9655.41	5829.14	6787.44
			C300X85X25X4.76	335.832			0.781			6128.97		
			C250X85X25X4.25	225.519			0.423			3324.04		
			C150X60X20X3.04	945.990			0.833			6542.89		

Lista de materiais - Cobertura 01 (02/03)

Tabela resumo												
Material		Série	Perfil	Comprimento			Volume			Peso		
Tipo	Designação			Perfil (m)	Série (m)	Material (m)	Perfil (m³)	Série (m³)	Material (m³)	Perfil (kg)	Série (kg)	Material (kg)
Aço dobrado			C150X60X20X3.75	47.718	7471.764	7471.764	0.051	10.001	10.001	400.50	78507.48	78507.48
			C300X85X25X4.25	182.150			0.381			2988.65		
			C200X75X25X4.76	255.792			0.449			3521.27		
			C300X85X25X3.75	144.304			0.268			2103.23		
			C125X50X17X2.00	114.217			0.056			440.64		
			C150X60X20X1.9	48.157			0.027			213.60		
			C100X50X17X2.00	136.730			0.060			473.83		
			C250X85X25X4.76	228.464			0.477			3742.65		
			C250X85X25X4.76, Caixa dupla soldada	77.274			0.323			2531.77		
			C200X75X25X2.66	321.766			0.327			2568.92		
			C200X75X20X2.00	7.595			0.006			44.92		
			C150X60X20X2.66	88.437			0.069			539.87		
			C200X75X25X3.35	1178.958			1.492			11712.26		
			C250X85X25X2.00	35.827			0.033			256.91		
			C200X75X25X4.25	128.000			0.202			1587.73		
			C200X75X25X3.75	362.016			0.509			3997.55		
			C200X75X25X3.04, Caixa dupla soldada	31.600			0.073			572.86		
			C200X75X25X2.66, Caixa dupla soldada	31.600			0.064			504.58		
			C250X85X25X3.35	30.000			0.045			353.26		
			C250X85X25X2.66	19.571			0.024			184.86		
			C150X60X20X2.00	8.128			0.005			37.87		

Lista de materiais - Cobertura 01 (03/03)

Placas de base				
Material	Elementos	Quantidade	Dimensões (mm)	Peso (kg)
A-36 250Mpa	Placa base	16	250x350x14	153.86
		4	300x500x18	84.78
		4	250x350x18	49.46
		8	300x500x25	235.50
		14	350x550x35	740.45
				Total
ISO 898.C4.6 (liso)	Parafusos de ancoragem	128	Ø 16 - L = 350 + 183	107.64
		32	Ø 16 - L = 504 + 183	34.69
		32	Ø 20 - L = 358 + 228	46.28
		64	Ø 20 - L = 615 + 228	133.13
		168	Ø 22 - L = 577 + 251	415.27
				Total

Lista de materiais - Cobertura 02 (01/02)

Tabela resumo												
Material		Série	Perfil	Comprimento			Volume			Peso		
Tipo	Designação			Perfil (m)	Série (m)	Material (m)	Perfil (m³)	Série (m³)	Material (m³)	Perfil (kg)	Série (kg)	Material (kg)
Aço dobrado	CF-26	C	C100X50X17X3.35, Caixa dupla soldada	30.800	186.940	186.940	0.044	0.188	0.188	343.05	1479.33	1479.33
			C150X60X20X3.04, Caixa dupla soldada	28.140			0.050			389.25		
			C200X75X20X2.00	120.000			0.090			709.76		
			C150X60X20X2.00	8.000			0.005			37.27		

Lista de materiais - Cobertura 02 (02/02)

Placas de base				
Material	Elementos	Quantidade	Dimensões (mm)	Peso (kg)
A-36 250Mpa	Placa base	14	400x400x10	175.84
			Total	175.84
ISO 898.C4.6 (liso)	Parafusos de ancoragem	56	Ø 12 - L = 542 + 137	33.76
			Total	33.76

Lista de materiais - Vigas do vão 01 (01/02)

Tabela resumo											
Material		Série	Perfil	Comprimento			Volume			Peso	
Tipo	Designação			Perfil (m)	Série (m)	Material (m)	Perfil (m³)	Série (m³)	Material (m³)	Perfil (kg)	Série (kg)
Aço dobrado	CF-26	C	C300X85X25X3.04	8.550	8,550		0.013			101.98	
					8.550			0.013	0.013		101.98

Lista de materiais - Vigas do vão 01 (02/02)

Placas de base				
Material	Elementos	Quantidade	Dimensões (mm)	Peso (kg)
A-36 250Mpa	Placa base	2	350x800x20	87.92
			Total	87.92
ISO 898.C4.6 (liso)	Parafusos de ancoragem	8	Ø 20 - L = 560 + 228	15.56
			Total	15.56