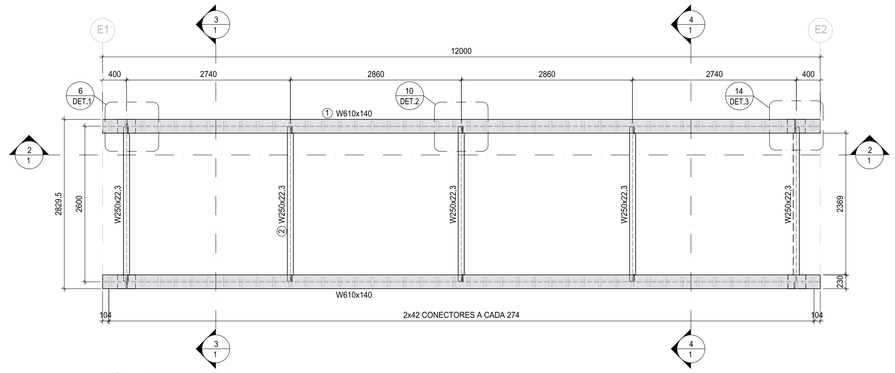
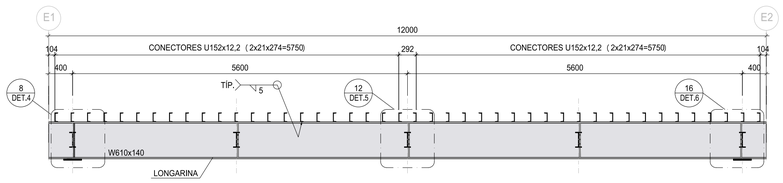
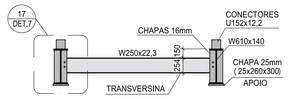


1 PLANTA BAIXA
ESC. 1:50



2 CORTE LONGITUDINAL
ESC. 1:50



3 CORTE TRANSVERSAL
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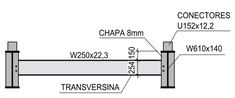

4 CORTE TRANSVERSAL
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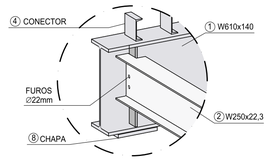
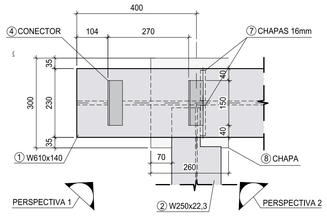
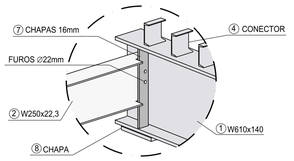


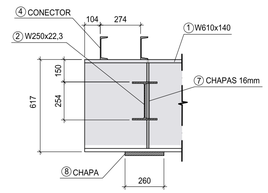
5 DET.1 - PERSPECTIVA 1
ESC. 1:20



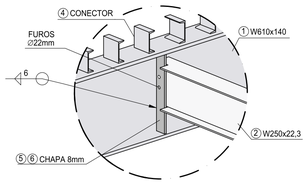
6 DET.1 - PLANTA
ESC. 1:10



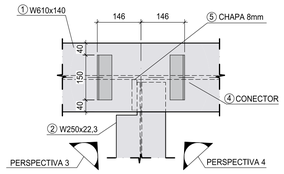
7 DET.1 - PERSPECTIVA 2
ESC. 1:20



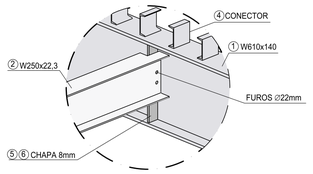
8 DET.4 - CORTE A-A
ESC. 1:20



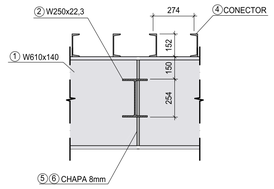
9 DET.2 - PERSPECTIVA 3
ESC. 1:20



10 DET.2 - PLANTA
ESC. 1:10



11 DET.2 - PERSPECTIVA 4
ESC. 1:20



12 DET.5 - CORTE A-A
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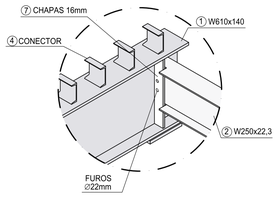
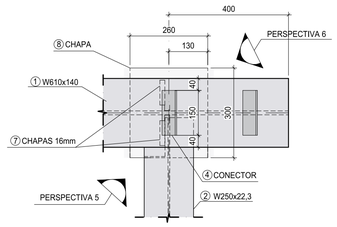
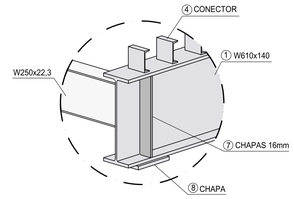


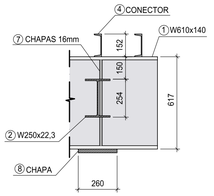
13 DET.3 - PERSPECTIVA 5
ESC. 1:20



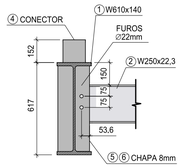
14 DET.3 - PLANTA
ESC. 1:10



15 DET. 3 - PERSPECTIVA 6
ESC. 1:20

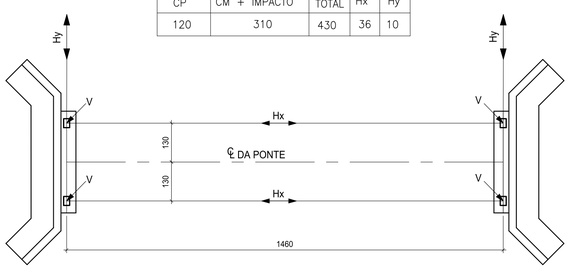


16 DET.6 - CORTE A-A
ESC. 1:20

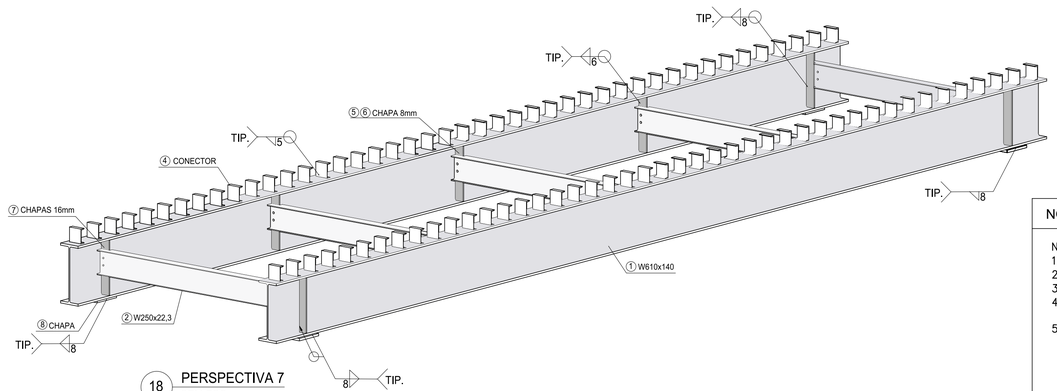


17 DET.7 - CORTE B-B
ESC. 1:20

QUADRO DE CARGAS NAS BASES SEM PONDERAÇÃO (kN)				
CARGAS VERTICAIS V			HORIZ.	
CP	CM + IMPACTO	TOTAL	Hx	Hy
120	310	430	36	10



19 ESQUEMA DAS CARGAS NAS BASES



18 PERSPECTIVA 7
SEM ESC.

NOTAS:

NOTAS GERAIS:
1) Dimensões em mm.
2) Estrutura projetada para TB–450 da NBR 7188: 2024.
3) Não será permitido o corte das longarinas para ajuste de comprimento.
4) Para uniformização da superfície, recomenda–se um jato comercial Sa 2.

5) Materiais:
- Aço Estrutural Cor500 Astm A588 (Fy=370MPa; Fu=500MPa) empregado sem pintura.
- Parafusos: Astm A325 TIPO 3 (Fyb=725MPa; Fu=830MPa)
- Porcas: Astm A–563–DH Galvanizadas a fogo.
- Arruelas: Astm F–436 Galvanizadas a fogo.
- Eletrodo revestido 7018W e 7018G
- Mig/Mag ER 8018 S–G
- Concreto da laje com FCK > 30 MPa

TABELA DE MATERIAL					
	ITEM	MATERIAL	QUANTIDADE (UN)	PESO UN. (kg/m)	PESO TOTAL (kg)
1	LONGARINAS W610x140x12000	COR500 fy>370MPa	2	140,0 Kg/m	3360,0
2	TRANSVERSINAS W250x25,3x2600	COR500 fy>370MPa	5	38,7 Kg/m	329,0
4	CONECTORES U152x12,2	ASTM A36	84	1,80 Kg	153,0
5	NERVURAS CENTRAIS 8x90x572	COR500 fy>370MPa	6	3,25 Kg	20,0
7	NERVURAS NO APOIO 16x90x572	COR500 fy>370MPa	8	6,5 Kg/m	52,0
8	CHAPAS NO APOIO 25x260x300	COR500 fy>370MPa	4	15,30 Kg	61,2
9	PARAFUSOS	A325F TIPO 3x19	20	0,319 Kg	6,38
				PESO TOTAL	3981,58 Kg

REV.	DATA	DESCRIÇÃO DO TRABALHO E/OU REVISÃO
0	21/05/2026	EMISSÃO INICIAL

SECRETARIA DE ESTADO DE INFRAESTRUTURA, MOBILIDADE E PARCERIAS/MG

NOTAS:

IDENTIFICAÇÃO	PROJETO PADRÃO PONTE EM ESTRUTURA MISTA DE AÇO E CONCRETO ARMADO – MÓDULO COM 12 METROS (PEMACA–12)	PROJ.	ESTRUTURAL
		DATA	MAIO/2026
CONTEÚDO	PLANTA, CORTES, DETALHES, ISOMÉTRICO, QUADRO E TABELA	CÓDIGO	SEINFRA–MG–PP–EST–MET PEMACA–M12–FLH01–ED
		FOLHA	01/01

FORMATO INTERNACIONAL A1 (594 X 841mm)