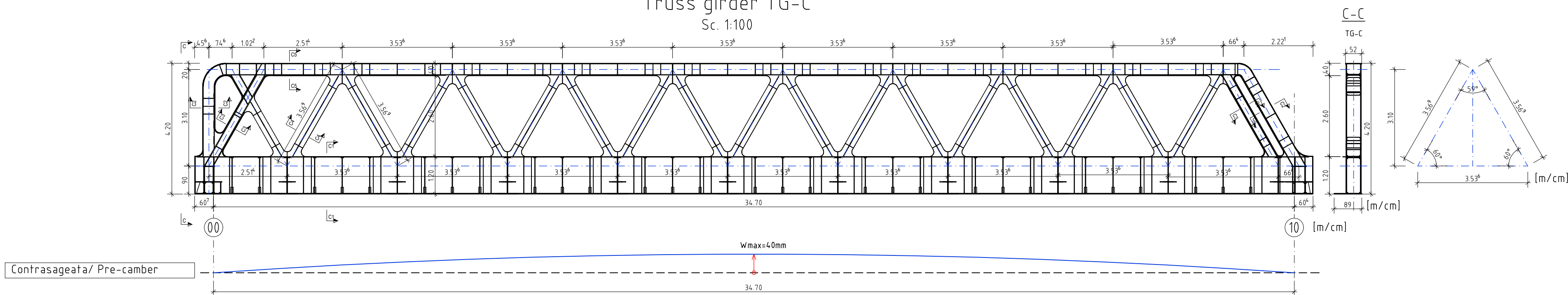


Grinda cu zabrele TG-C

Truss girder TG-C

Sc. 1:100

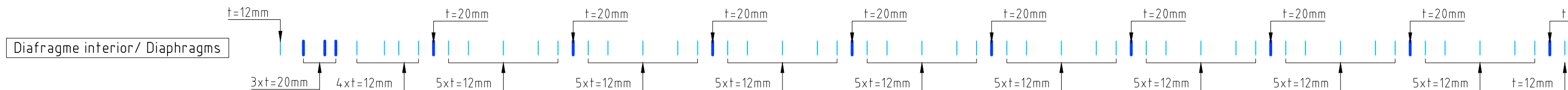


Caseta talpa superioara/ Upper chord box

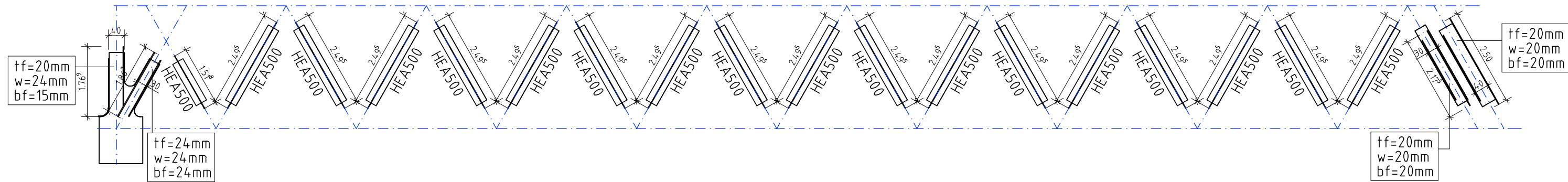
Talpa superioara/ Top flange	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm
	1.02	1.11 ⁶	1.86 ⁴	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	2.57 ²	96 ⁴	1.55 ²
	[m/cm]																		

Inimi/Webs	24mm	15mm	24mm	15mm	24mm	15mm	24mm	20mm	24mm	20mm	24mm	20mm	24mm	15mm	24mm	15mm	24mm	15mm	24mm
	76	1.52 ⁶	1.56 ⁴	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	2.27 ²	1.26 ⁴	1.09 ⁸
	[m/cm]																		

Talpa inferioara/ Bottom flange	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	20mm
	1.46 ⁵	1.60 ⁶	1.26 ⁴	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.97 ²	1.56 ⁴	1.68 ⁶
	[m/cm]																		



Diagonale/ Diagonals

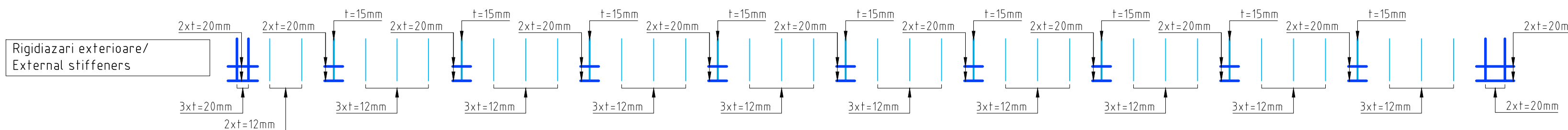
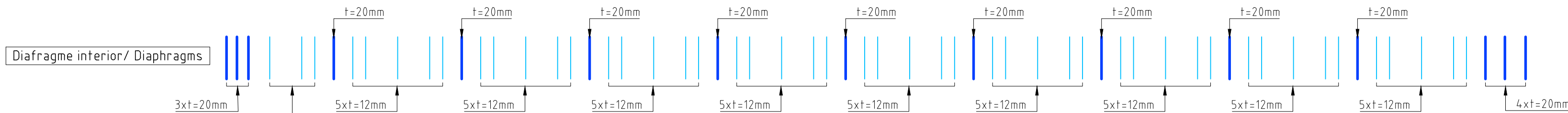


Caseta talpa inferioara grinda/ Bottom chord box

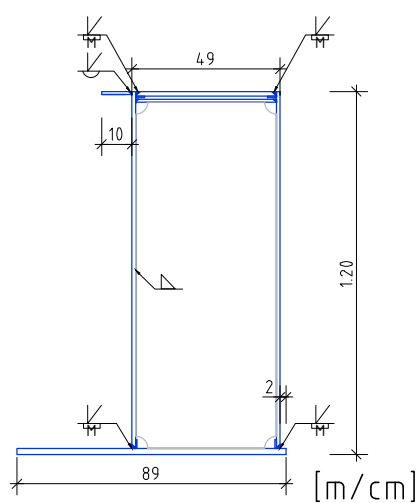
Talpa inferioara/ Bottom flange	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm
	2.34 ⁵	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	1.74 ²
	[m/cm]																		

Inimi/Webs	24mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm	24mm	12mm
	2.19 ⁵	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.98 ⁶	1.55	1.89 ²
	[m/cm]																		

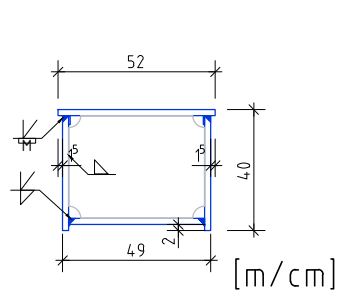
Talpa superioara/ Top flange	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm
	1.99 ⁶	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	10.60 ⁸	2.09 ²
	[m/cm]																		



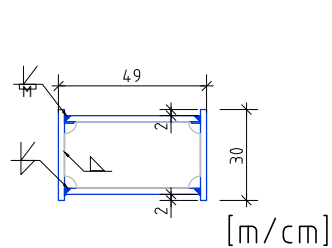
Sectiune transversala - talpa inferioara C1-C1/
Bottom chord cross section C1-C1
Sc. 1:25



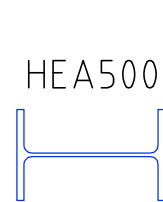
Sectiune transversala - diagonala C2-C2/
Diagonal cross section C2-C2
Sc. 1:25



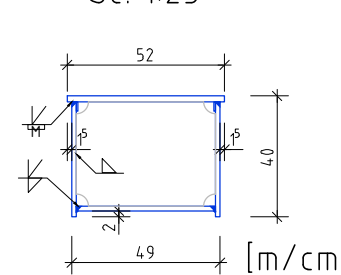
Sectiune transversala - diagonala C3-C3/
Diagonal cross section C3-C3
Sc. 1:25



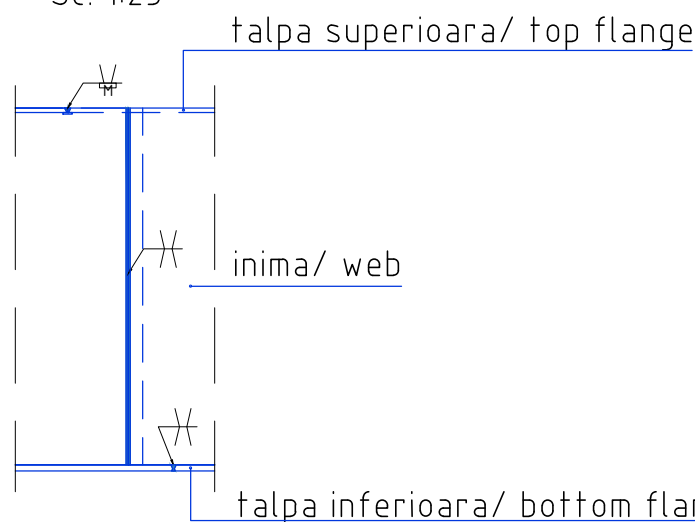
Sectiune transversala - diagonala C4-C4/
Diagonal cross section C4-C4
Sc. 1:25



Sectiune transversala - talpa superioara C5-C5/
Upper chord cross section C5-C5
Sc. 1:25



Suduri cap la cap/ Butt welds
Sc. 1:25



2. Otel Structural / Structural Steel

Element constructiv/ Building element	Calitate otel/ Steel grade
Grinzi principale/ Main Girders	S355 J2+N/ S355 K2+N
Antretoaze/ Cross beams	S355 J2+N/ S355 K2+N
Conectori/ Studs	S235 J2G3+C450 Ø19x150, Ø22x150

Pentru table cu grosimea de 40 mm daca nu se utilizeaza preincalzire la sudare, se va folosi otel cu factor Z15. Daca se utilizeaza preincalzire la sudare, nu se cere factor Z.

For steel plates with the thickness equal to 40 mm, if preheating it is not used for welding, then factor Z15 is required. If for welding preheating is used, then factor Z it is not required.

CLASA DE EXECUTIE / EXECUTION CLASS
EXC4 conform SR EN 1090-2
Suduri / Welds:
Nivelul calitatii B+ conform SR EN ISO 5817

Este strict interzis montarea pe structura metalica a oricaror elemente auxiliare cum ar fi panouri publicitare, sau orice alte elemente fara acordul Proiectantului. In caz contrar durata de viata a structurii, de 100 de ani, nu mai poate fi garantata.

It is forbidden to install any kind of auxiliary equipment on the steel structure without the permission of the Designer. If this is not respected the lifespan of 100 years of the bridge can no longer be guaranteed.

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  			CONTRACT: 124/04.11.2022			DATA: Octombrie 2024 FAZA: P.T.E.			REVISIA	DATA	COMENTARII						
BENEFICIAR			SPECIFICATIE			NUME			SEMNATURA			DENUMIRE PROIECT:					
			 Partecipazioni Italia gruppo Ferrovie									PROIECTARE SI EXECUTIE LUCRARI AFERENTE OBIECTIVULUI DE INVESTITII MODERNIZAREA LINIEI FERROVIARE CARAMESEBES-TIMISOARA – ARAD - LOT 3 TIMISOARA EST - RONAT TRIAJ GR. D					
ANTREPRENOR SI PROIECTANT GENERAL			Manager de proiect			ing. Massimiliano Cipolletti			Proiectat			ing. Adrian PARAIANU			SCARA: 1:500 1:100 1:25		
PROIECTANT DE SPECIALITATE			Verificat			ing. Alexandru TURCAN			Codificare planşa			CTA3-SS-DWG-PTE-02-P003-DTL-005-WB00			DENUMIRE DESEN: Pod km existent 572+174 (km proiectat 571+931) Desfasurator grinda TG-C		
COMPANIA NATIONALA DE CAI FERATE			 SALCEF CONSTRUTTORI														