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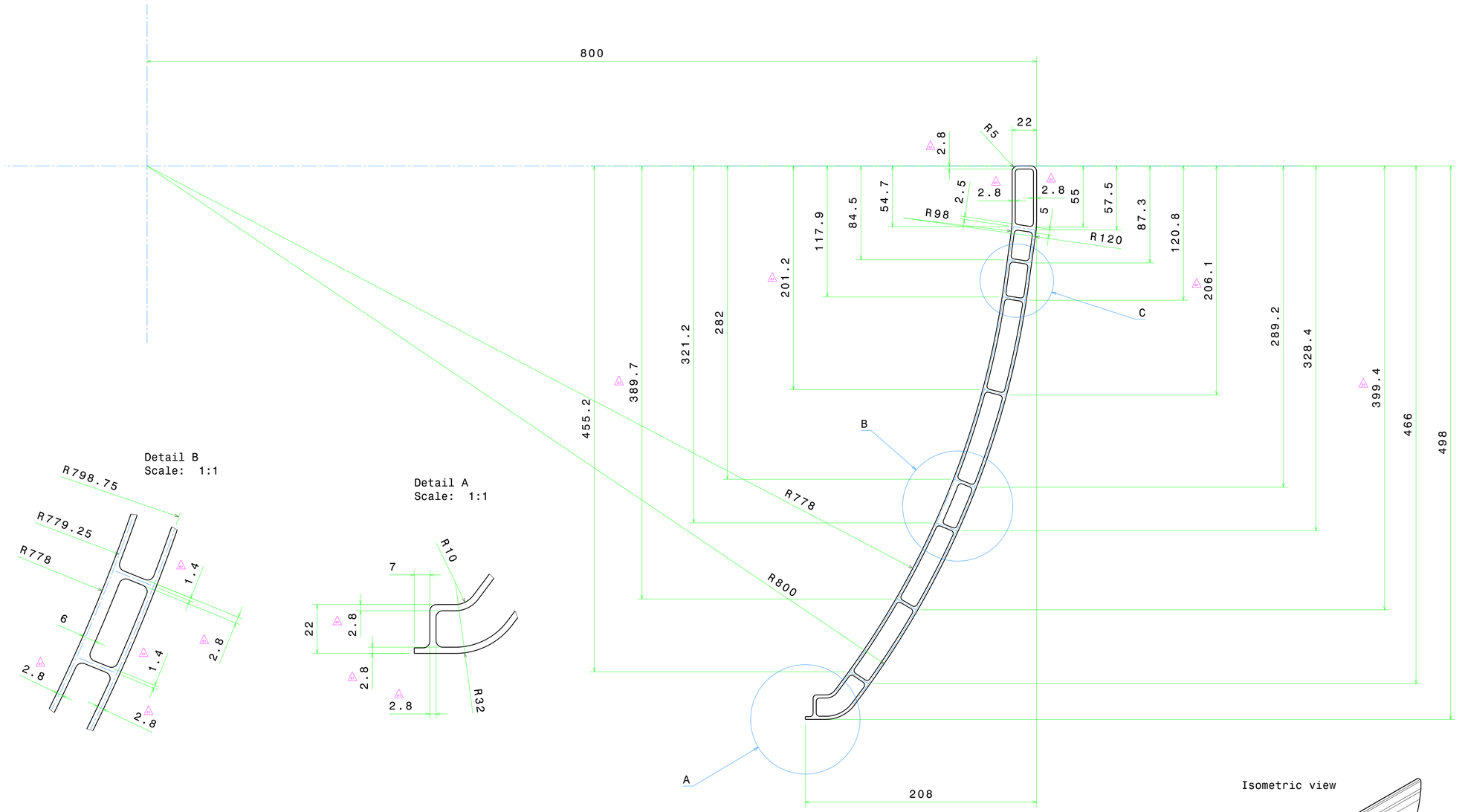
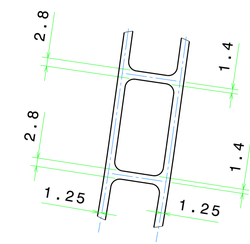


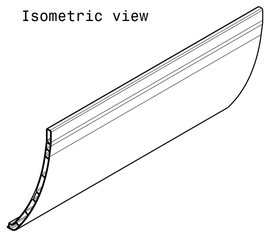
Detail B
Scale: 1:1

Detail A
Scale: 1:1

Detail C
Scale: 1:1
Typical



Isometric view



GENERAL NOTE:

This drawing shall be read and used with technical specification (TS - S03.0007)
- Alloy : EN AW 6063 T66
- Section : 3753 mm²
- Linear weight : 10,17 Kg/m

NOTE ON DIMENSIONS:

- Tolerance on skin thickness : 0
  -0.3mm
- Tolerance nominal weight max : +8%
- Tolerance on straightness : Maximal sag on local deflection:
  - 2 mm/2 meters for profiles with working length L<15 meters
  - 3 mm/2 meters for profiles with working length L>15 meters
  Maximal sag on total length:
  - 1 mm/ meter multiplied by the maximal length of profile
- Tolerance on twist : 30 minutes per meter with max 2° on total profile length
- Tolerance on flatness : Between ribs : equal to or under 0,8% of the length between this ribs, max +-1 mm
  On width : equal to or under 0,8% of width
- If there is no specific indications, then tolerances according to EN755-9

NOTE:

- Unless specified otherwise, R = 3 mm

ISO 13920 Welded Construction ISO 2768 General Tolerances TS 12708 Steel Casting

L mm	m ±	K ±
Nom. Size	Class	
>20000	9,0	8,0
<20000	8,0	7,0
<16000	7,0	6,0
<12000	6,0	5,0
<8000	5,0	4,0
<4000	4,0	3,0
<2000	3,0	2,0
<1000	2,0	1,5
<400	1,0	1,0
30-120	1,0	0,5
2-30	1,0	0,5
L mm	A ±	E ±
Nom. Size	Class	
<4000	2,0	0,4
<2000	1,2	0,4
<1000	0,8	0,3
<400	0,5	0,3
30-120	0,3	0,2
2-30	0,2	0,1
L mm	Ham	Ypl.
Nom. Size	Class	
<1000	6,0	0,8
<630	4,0	0,7
<400	3,0	0,6
<250	3,0	0,4
100	2,0	0,3
40	1,5	0,2

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Aðýrlýk Weight (Kg)
				AW 6063 T66		10,2

ISO 1302	ISO 8015	EN 22553	General Tol.	ISO 2768	f ☐	mX ☐ H ☐ K ☐
EN 15085-2 Certification Level		CL1 ☐ CL2 ☐ CL3 ☐ CL4 ☐	Weld Pro.	ISO 13920	A ☐ B ☐ E ☐ F ☐	
			Cast Steel	ISO 12708	Lm2 ☐ Lr2 ☐ Sm2 ☐ Sr2 ☐	

Approved	L.Giovinazzo	29/07/2022	Scale
Checked	M.Borlo	29/07/2022	1:2
Prepared	M.D.Cojocaru	29/07/2022	

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Turkish Railway Vehicles Industry Inc.

Lower_Trim_Profile_01
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GZ10.21.12.99000

Technical Specifications					
Technical Document					
Fixture/Mould Asset ID.					
Coating/Heat Tre./Roughness		01	Drawing Update	29/11/2023	M.Cojocaru
Paint/Color		Modf. No	Modification Description	Date	Sign

TYP

Date:29/07/2022

Sheet : 1/1 Size:A1 Rev: 01