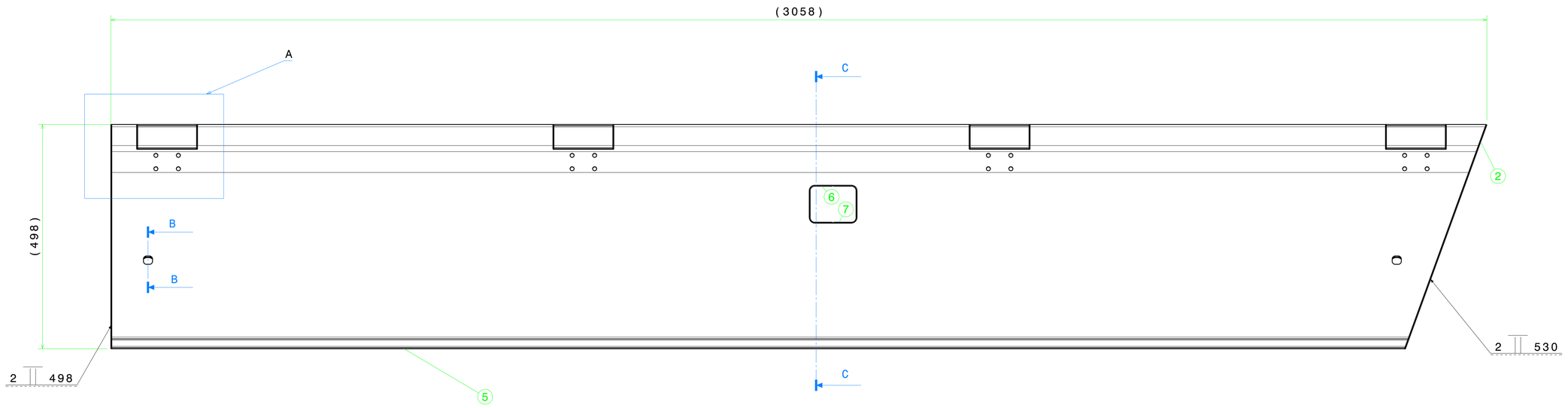
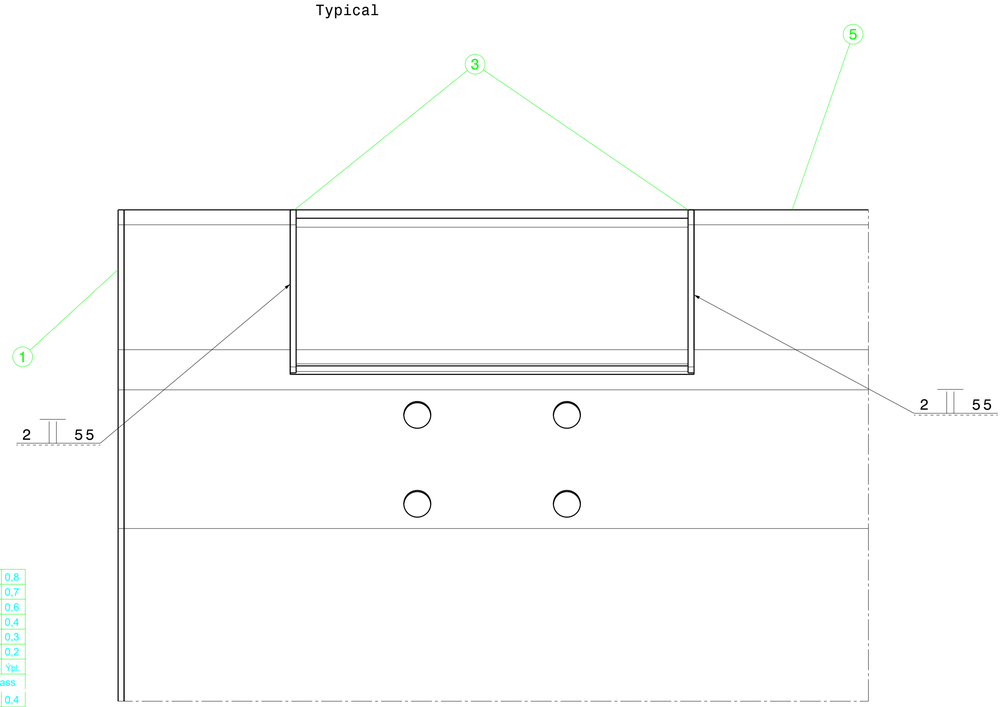
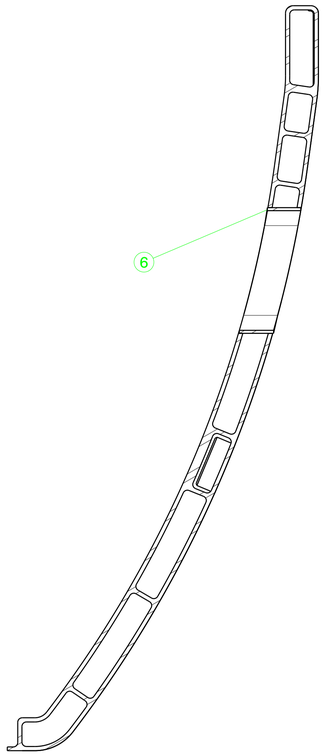


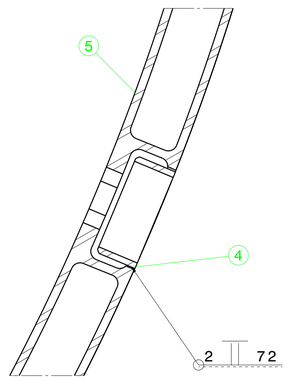
Detail A
Scale: 1:1
Typical



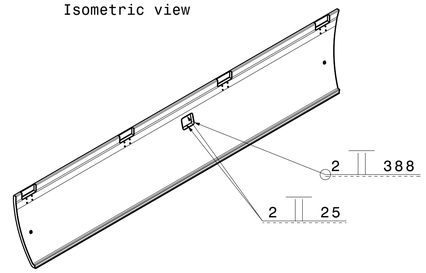
Section view C-C
Scale: 1:2



Section view B-B
Scale: 1:1
Typical



Isometric view



8	-	-	-	-	-	-
7	Bending_Sheet	1	GZ10.21.12.51003	AW 5754 H22	-	0,021 kg
6	Bending_Sheet	1	GZ10.21.12.51002	AW 5754 H22	-	0,021 kg
5	Outer_Lower_Panel	1	GZ10.21.12.51001	AW 6063 T66	-	29,59 kg
4	Tube	2	GZ10.21.12.11009	AW 5052 H112	-	0,008 kg
3	Plate	8	GZ10.21.12.11008	AW 5754 H22	-	0,005 kg
2	Plate	1	GZ10.21.12.11003	AW 5754 H22	-	0,069 kg
1	Plate	1	GZ10.21.12.11002	AW 5754 H22	-	0,065 kg
						29,8

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Aðýrlýk Weight (Kg)

ISO 21920-1	ISO 8015	ISO 2553	General Tol.	ISO 2768	f☐ m☒ H☐ K☒	
EN 15085-2 Certification Level		CL1☐ CL2☐ CL3☒	Weld Pro.	ISO 13920	A☒ B☐ E☐ F☐	
			Cast Steel	ISO 12708	Lm2☐ Lr2☐ Sm2☐ Sr2☐	
Approved	L.Giovinazzo	17/02/2023	Scale			
Checked	M.Borlo	17/02/2023	1:5			
Prepared	M.Cojocaru	17/02/2023				
TYP		Date:17/02/2023	Welded_Assembly -			

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Turkish Railway Vehicles Industry Inc.

GZ10.21.12.51000

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Technical Specifications					
Technical Document					
Fixture/Mould Asset ID.					
Coating/Heat Tre./Roughness		01	From Glue to Welding Assembly, Eliminated Item 08	15/01/2024	A.Türkmen
Paint/Color		Modf. No	Modification Description	Date	Sign

GENERAL WELDING REQUIREMENTS

Welding classification and controlling according to technical specification BLUE_TS_WLD_01

WELDING PERFORMANCE CLASS	CP C3

Painting in accordance with TD-GZ.10.0055
-Protect from painting all threaded holes and machined surfaces marked with ◯
-Protect only with primer all surfaces marked with ◎

ISO 13920 Welded Construction			ISO 2768 General Tolerances			TS 12708 Steel Casting		
L mm	A ±	E ±	L mm	m ±	K ±	L mm	Ham	Ýþl.
Nom. Size		Class	Nom. Size		Class	Nom. Size		Class
<2000	3,0	2,0	>20000	9,0	8,0	40	1,5	0,2
<1000	2,0	1,5	<20000	8,0	7,0	100	2,0	0,3
<400	1,0	1,0	<16000	7,0	6,0	<250	3,0	0,4
30-120	1,0	0,5	<12000	6,0	5,0	<400	3,0	0,6
2-30	1,0	0,5	<8000	5,0	4,0	<630	4,0	0,7
			<4000	4,0	3,0	<1000	6,0	0,8
			<2000	3,0	2,0	<4000	2,0	0,4
			<1000	2,0	1,5	<2000	1,2	0,4
			<400	1,0	1,0	<1000	0,8	0,3
			30-120	1,0	0,5	<400	0,5	0,3
			2-30	1,0	0,5	30-120	0,3	0,2
						2-30	0,2	0,1

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