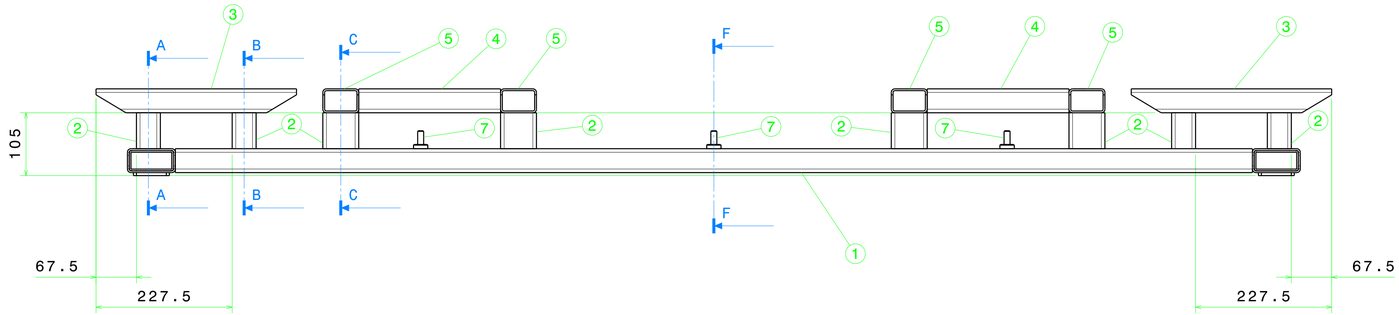
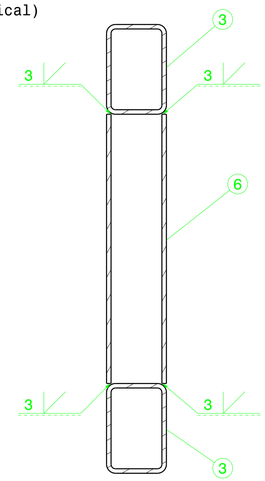
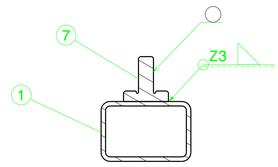
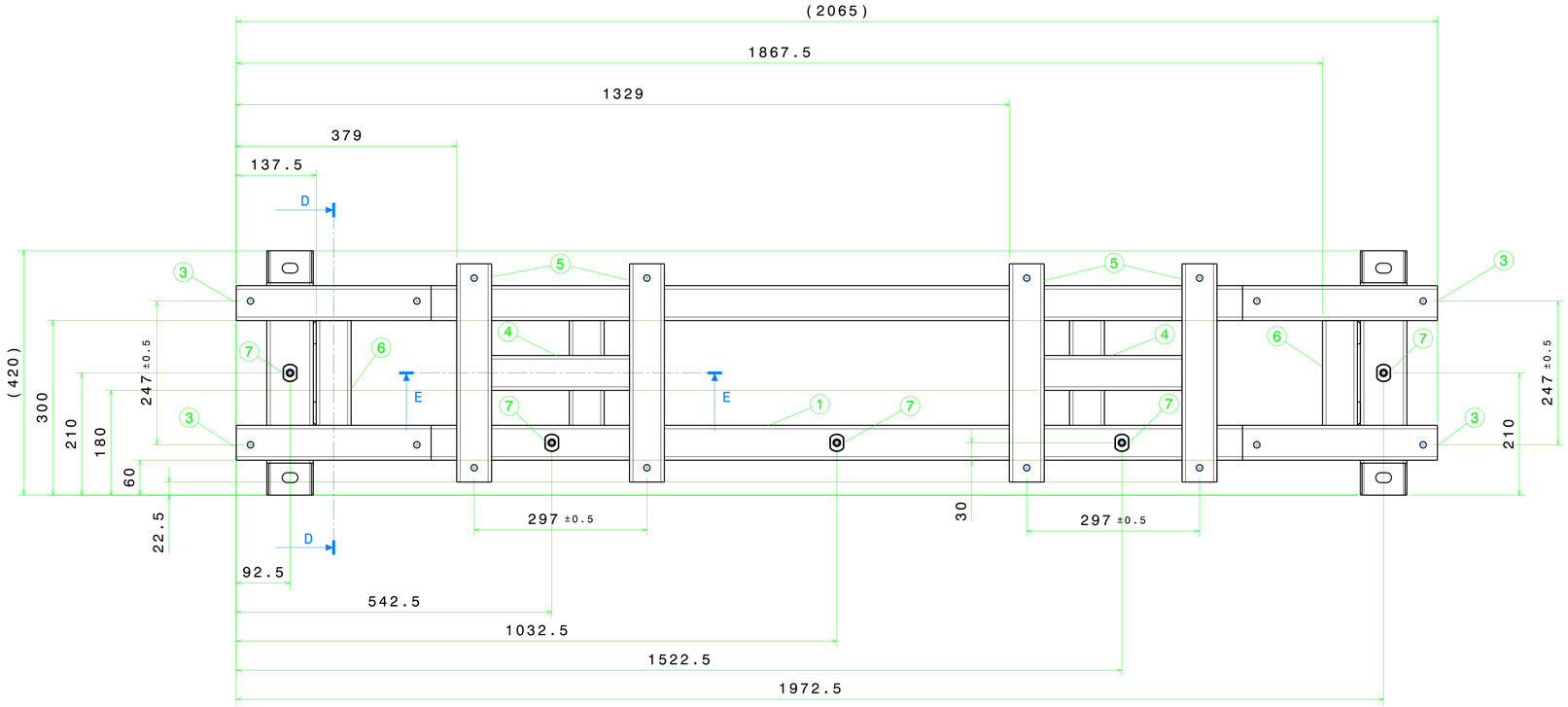


Section cut D-D
Scale: 1:2
(Typical)

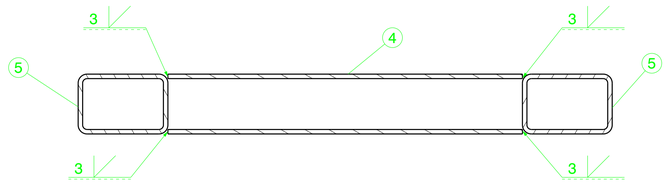


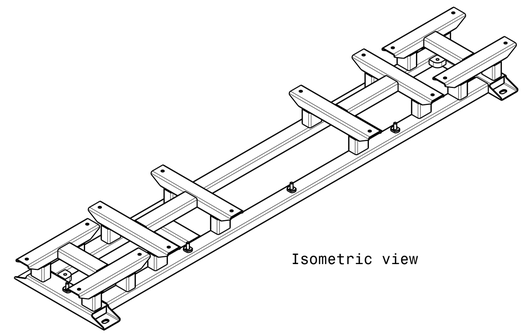
Section cut F-F
Scale: 1:2
(Typical)





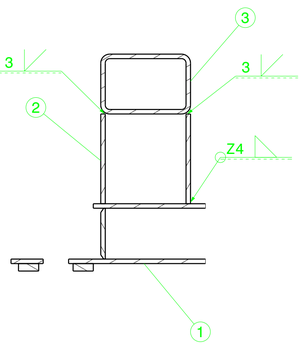
Section cut E-E
Scale: 1:2
(Typical)



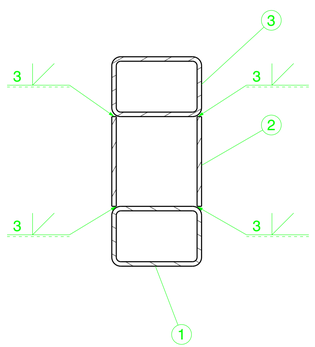


Isometric view

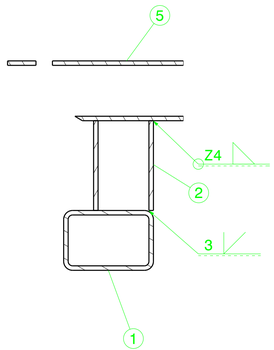
Section cut A-A
Scale: 1:2
(Typical)



Section cut B-B
Scale: 1:2
(Typical)



Section cut C-C
Scale: 1:2
(Typical)



ISO 13920 Welded Construction		
<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
L mm	Ham	Ypl.
Nom. Size	Class	

ISO 2768 General Tolerances TS 12708 Steel Casting		
<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	m ±	K ±
Nom. Size	Class	

ISO 13920 Welded Construction		
>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	

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 ◎

GENERAL WELDING REQUIREMENTS

Welding classification and controlling according to technical specification BLUE_TS_WLD_01

WELDING PERFORMANCE CLASS	CP C2

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Aðýrlýk Weight (Kg)
7	Block	5	GZ10.07.07.10005	X5CrNi 18-10 EN10088	-	0,05k g
6	Tube	2	GZ10.07.20.10005	S355J2H EN10210	-	1,66k g
5	Tube	4	GZ10.07.20.10004	S355J2H EN10210	-	1,91k g
4	Tube	2	GZ10.07.20.10003	S355J2H EN10210	-	1,66k g
3	Tube	4	GZ10.07.20.10002	S355J2H EN10210	-	1,91k g
2	Tube	16	GZ10.07.20.10001	S355J2H EN10210	-	0,81k g
1	Subframe	1	GZ10.07.07.11000	-	-	22,09 kg
						40,6

ISO 21920-1 ISO 8015 ISO 2553 General Tol. ISO 2768 f☐ mX☐ H☐ KX☐
EN 15085-2 Certification Level CL1X☐ CL2☐ CL3☐ Weld Pro. ISO 13920 AX☐ B☐ EX☐ F☐
Cast Steel ISO 12708 Lm2☐ Lr2☐ Sm2☐ Sr2☐

Approved	L.Giovinazzo	26/05/2023	Scale
Checked	M.Borlo	26/05/2023	1:5
Prepared	F.Felsini	26/05/2023	

TYP

Electric_Box_Frame
-

TÜRASAS
Turkish Railway Vehicles Industry Inc.

GZ10.07.20.10000

Date:26/05/2023 Sheet : 1/1 Size:A1 Rev: 00

Technical Specifications						
Technical Document						
Fixture/Mould Asset ID.						
Coating/Heat Trz./Roughness						
Paint/Color	Modf. No	Modification Description		Date	Sign	

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