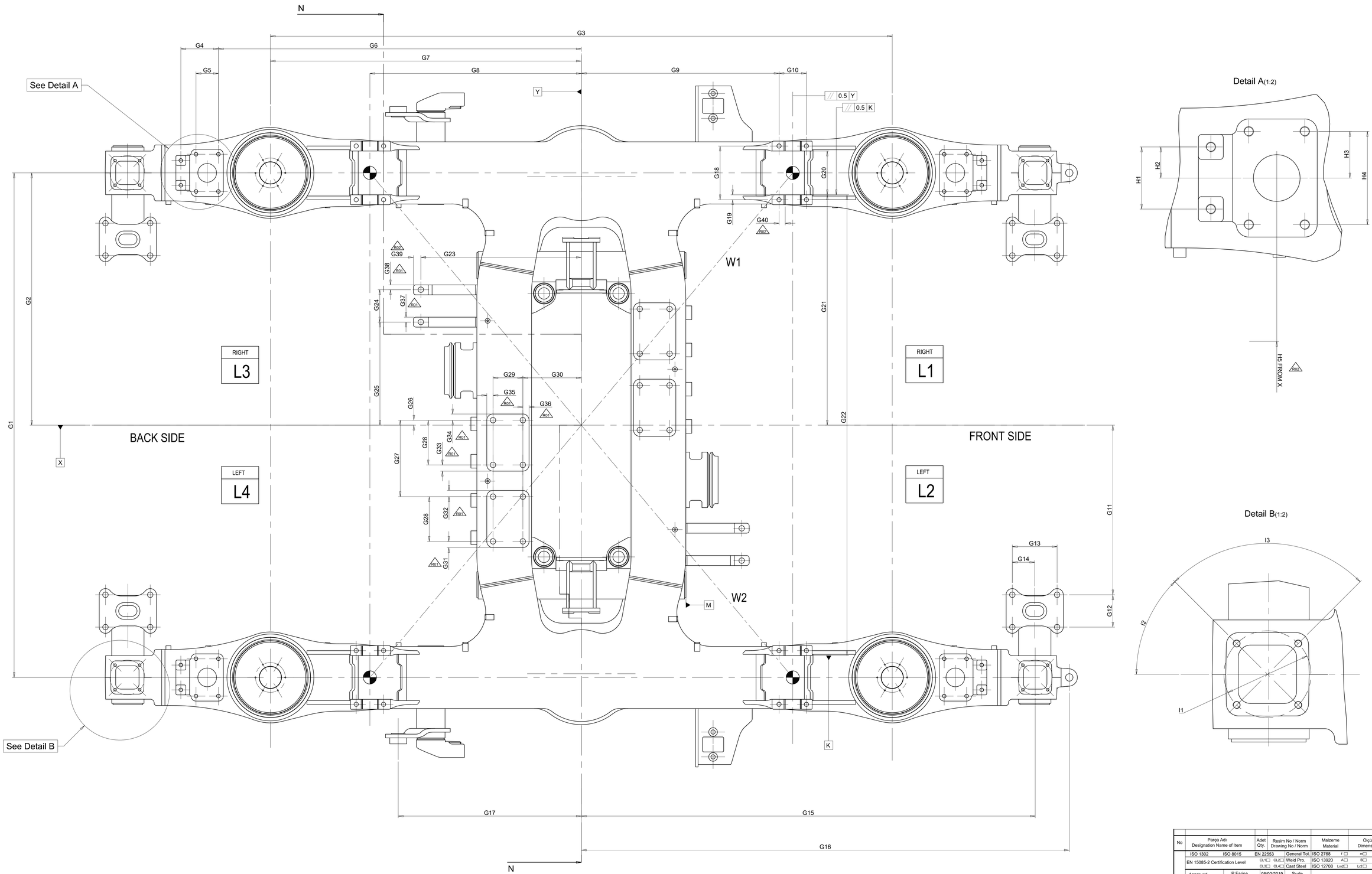

<1000	6,0	0,8	
<630	4,0	0,7	
<400	3,0	0,6	
<250	3,0	0,4	
100	2,0	0,3	
40	1,5	0,2	
L mm	Ham	İşl.	
Nom. Size	Class		
<4000	2,0	0,4	
<2000	1,2	0,4	
<1000	0,8	0,3	
<400	0,5	0,3	
30-120	0,3	0,2	
2-30	0,2	0,1	
L mm	m ±	K ±	
Nom. Size	Class		
>20000	9,0	8,0	
<20000	8,0	7,0	
<16000	7,0	6,0	
<12000	6,0	5,0	
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

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

No	Parça Adı Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Ağırlık Weight (Kg)
	ISO 1302 ISO 8015 EN 22553		General Tol.	ISO 2768 f ☐ m ☐ H ☐ K ☐		
	EN 15085-2 Certification Level		CL1 ☐ CL2 ☐ Weld Pro.	ISO 13920 A ☐ B ☐ E ☐ F ☐		
			CL3 ☐ CL4 ☐ Cast Steel	ISO 12708 Lm2 ☐ Lr2 ☐ Sm2 ☐ Sr2 ☐		

Approved	P.Farina	08/02/2019	Scale
Checked	M.Borlo	08/02/2019	1:5
Prepared	R.Salvati	08/02/2019	

TÜVASAS
Turkish Wagon Industry

MOTOR BOGIE FRAME
CHECK SCHEME

EM20.24.00.10000

TYP

Date:17/03/2025 Sheet: 2/4 Size:A0 Rev:02

Technical Specifications					
Technical Document					
Fixture/Mould Asset ID.		2	Added data	17/03/2025	D.Carlino
Coating/Heat Tre./Roughness		1	Added hole to surface dimensions checking	03/03/2025	D.Carlino
Paint/Color		Modf. No	Modification Description	Date	Sign