

RAIL COACH FACTORY, KAPURTHALA

(Coach Alteration Instruction No. CAI/RCF/MECH/LHB/059)

MD46111

Date: 15.03.2024

1. Description:

- A. Retro fitment of modified middle wall having rounded shape of outside wash basin with lifting type Dust bin below (to be hanged on 02 no. clips on fixing frame fitted on wall) on Orient Style Lavatory Module of ACCNE Coach.
- B. Retro fitment of modified middle wall having outside Fire Extinguisher above, with lifting type Dust bin below (to be hanged on 02 no. clips on fixing frame fitted on wall) on Western Style Lavatory Module of ACCNE Coach.
- C. Material for retro fitment will be provided by RCF

- 2. Ref :** I)NCR /MECH/C&W/520/IV/Coach allotment dated 28/11/2023.
II)CAI no .CAI/RCF/MECH/LHB/054 vide letter no MD 46111 dated 18/01/2024

CAI issued under reference II is hereby withdrawn.

B. Drawing No :

S.No	Old Drawing No.	New Drawing No	Description
1.	ED63014	MI007957	Exterior Panel WC side Assembly for Orient for Economy Coaches
2.	ED63025	MI007967	Ext Panel WC side Assembly Euro for Economy Coaches

C. Reason for alteration:

- 1. To avoid passing of waste material outside of dust bin area between attachment wall and modular wall near outside wash basin area and to improve the design of Wash basin and Dust Bin.
- 2. To avoid passing of waste material from outside of bin area between attachment wall and modular wall near out side Dust bin and to increase the capacity of Bin by fixing outside Fire Extinguisher above and Dust bin below having lifting type design (to be hanged on 02 no. clips on fixing frame fitted on wall) of Western Style Lavatory Module of ACCNE (Economy type) Coaches.

5. **Coach type: LWACCNEAA (LHB type Economy Coach)**
6. **To be carried out: IOH/POH/Sick Line or immediately.**
7. **Special Instructions:**

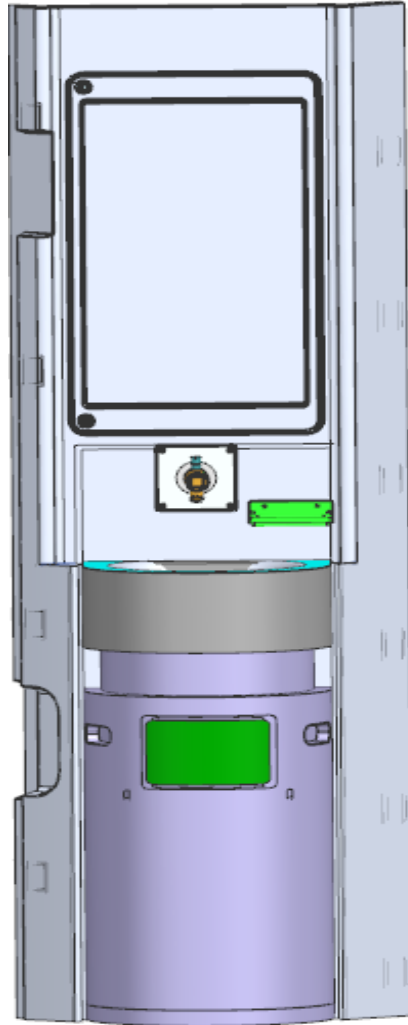


Fig '1'

- (A) Middle wall (Exterior Panel WC side Assembly to drawing no. **ED63014**) for Orient style modular toilet of Economy Coaches shall be removed by untying the fasteners of Panel from door frame side and the other side and New Middle wall as shown in Fig '1' (Exterior Panel WC side Assembly to drawing no. MI007957) shall be fitted. As the design of wash basin is rounded instead of flat wall, problem of small wash basin and water splashes from Bib Cock will be eliminated. Further As the dust bin is also separated instead of integrated type, the problem of passing of waste material outside of dust bin area between attachment wall and modular wall near out side waste bin will also be eliminated.

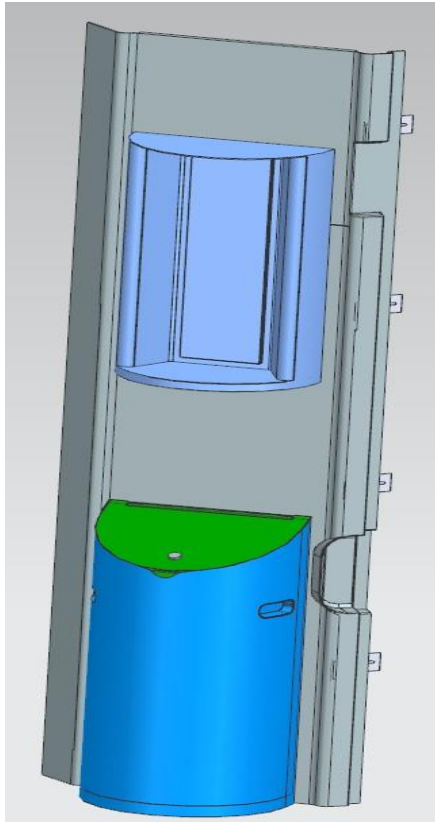


Fig '2'

(B) Middle wall (Exterior Panel WC side Assembly to drawing no. **ED63025**) for Euro style modular toilet of Economy Coaches shall be removed by untying the fasteners of Panel from door frame side and the other side and New Middle wall as shown in Fig '2' (Exterior Panel WC side Assembly to drawing no. MI007967) shall be fitted. As the dust bin is also separated, instead of integrated type, the problem of passing of waste material outside of dust bin area between attachment wall and modular wall near outside of Bin will also be eliminated. By fixing Dust Bin below and having lifting type design the Capacity of Bin is increased. The Fire Extinguisher will be fitted above.

(C) Hand operated Bib Cock as per note '4' of drawing no. MI007958 to be fitted .In order to make it hand operated Drg no. LE63157 may be referred. Material for modification in Piping system may be done from already fitted piping (by cutting to suit at site.

8. **Enclosure:** Drg No. ED63014, ED63025, ED63062, ED63069, ED63070, MI007957 , MI007958, MI007967, MI007923, MI007943, MI007944, MI007966 , MI007920, MI007922.

For General Manager (Mech.)

Copy to:

All Principal Chief Mechanical Engineers of IR

All Chief workshop Engineers of IR

Principal Chief Mechanical Engineers :

1. Central Railway, Mumbai CST-400 001
2. W. Railway Churchgate, Mumbai - 400 020
3. Northern Railway, Baroda House, New Delhi- 110 001
4. N.E. Railway Gorakhpur., Gorakhpur-273 001
5. N.F. Railway Maligaon, Guwahati- 781 011
6. S. Railway, Park Town, Chennai- 600 003
7. S. C. Railway, Rail Nilayam, Secunderabad- 500 371
8. S. E. Railway, Garden Reach, Kolkata-700 043
9. Eastern Railway, Fairlie Place, Kolkata-700 001
10. E. Coast. Railway, Bhubhaneswar- 751 016
11. North Central Railway, Allahabad – 211 001
12. North West Railway, Jaipur – 302 001
13. S. E. Central Railway, Bilaspur- 495 004
14. S. W. Railway, Hubli – 580 023
15. West Central Railway, Jabalpur- 482 001
16. East Central Railway, Hazipur- 844 101

Chief Works Engineer :

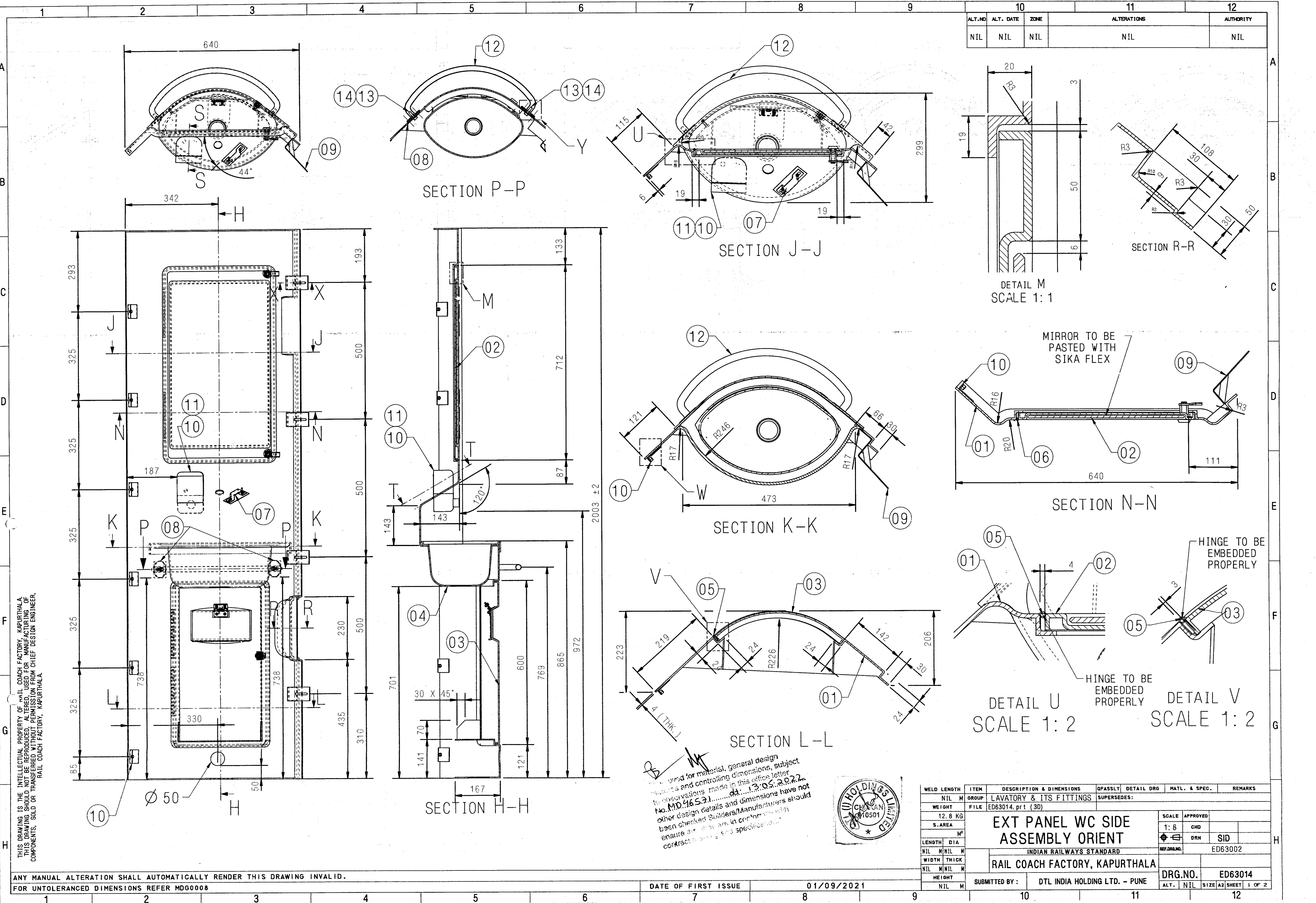
1. Central Railway, Matunga, Mumbai- 400 019
2. Bhopal, West Central Railway Nishatpura, MP-462 001
3. Lilluah, Eastern Railway, Howrah- 711 204
4. Alambagh , Northern Railway, Lucknow- 226 005
5. Jagadhari, Northern Railway,- 135 003
6. Gorakhpur N. E. Railway- 273 001
7. New Bongaigaon N. East Frontier Railway- 783 381
8. Perambur, Southern Railway, Chennai- 600 023
9. Golden Rock, Southern Railway, Trichy- 620 004
10. Ashokpuram , Southern Railway, Mysore South- 570 008
11. Lallagudda, S. C. Railway Secunderabad- 500 017
12. Hubli, South Western Railway- 580 020
13. Tirupati ,S. C. Railway - 517 506
14. Mancheswar, East Coast Railway, Bhubhaneswar- 751 017
15. Kharagpur, S. E. Railway- 721 301
16. Lower Parel, N.M.Joshi Marg, Western Railway, Mumbai- 400 013
17. Western Railway, Ajmer, Rajasthan
18. North East Frontier Railway, Dibrugarh, Assam-786 001

Copy to:

DG/Carriage, RDSO, Manak Nagar, Lucknow- 226 011

EDME (Coaching), Railway Board, New Delhi-110 001

EDME (W), (Coaching), Railway Board New Delhi-110 001



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Approved for material, general design
and controlling dimensions, subject
to observations made in this office letter
No. MD. 465.21 dated 13.05.2022.
Other design details and dimensions have not
been checked Builders/Manufacturers should
ensure the work is in conformity with
contract drawings and specifications.



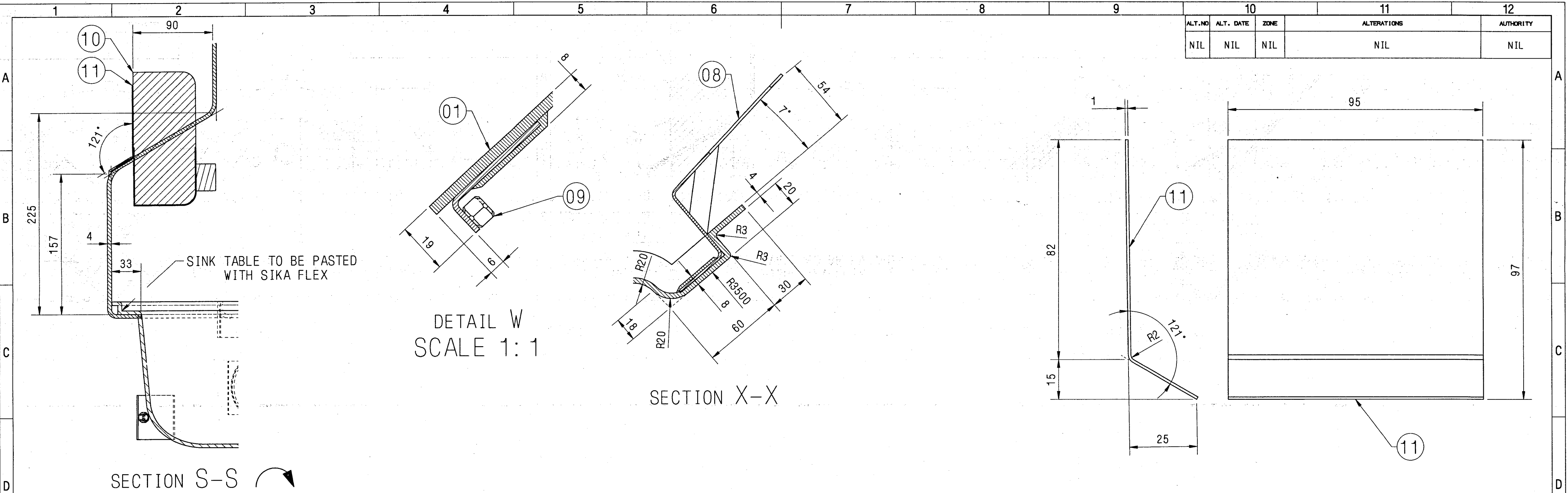
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WEIGHT	FILE	ED63014.prt (3D)				
12.8 KG						
S. AREA						
LENGTH	DIA					
NIL	M					
WIDTH	THICK					
NIL	M					
HEIGHT						
NIL	M					

SCALE	APPROVED
1:8	CHD
DRN	SID
REF.DRG.	ED63002

DRG.NO.	ED63014
ALT.	NIL
SIZE	A2
SHEET	1 OF 2

SUBMITTED BY:	DTL INDIA HOLDING LTD. - PUNE
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ALT. NO.	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY
NIL	NIL	NIL	NIL	NIL



- NOTE: -
- 1:- COLOUR OF THE PANEL SHOULD BE MATCHED TO INTERIOR COLOUR SCHEME OF THE COACH.
 - 2:- ALL INSERTS MUST BE EMBEDDED WITH ITEM NO. -01 PROPERLY.
 - 3:- ITEM NO. - 02 & 03 TO BE FIXED WITH HINGES EMBEDDED IN ITEM NO. -01.
 - 4:- SINK TABLE & MIRROR TO BE PASTED WITH SIKAFLEX.

14	SS. PLAIN WASHER A8. 4	02	NIL	IS 2016-1987	COATING TO MDS 057
13	SS. HEX HEAD BOLT M8X30	02	NIL	IS: 1384 P1 (2002)	COATING TO MDS 057
12	GRAB HANDLE 3	01	ED63050	NIL	NIL
11	INSERT FOR SOAP DISPENSER 1X95X110	01	NIL	RDSO/SPEC. C-K 201	Gr. 409M
10	SOAP DISPENSER	01	NIL	SS. 201/304	MAKE AQSA MODEL-AQSA-7291
09	INSERT PART ANGLE PLATE	06	ED63062	NIL	NIL
08	INSERT PART Z-BRACKET	04	ED63069	NIL	NIL
07	INSERT PART FOR GRAB HANDLE 1X60X60	02	NIL	RDSO/SPEC. C-K 201	Gr. 409M
06	INSERT PART FOR WATER TAP	01	ED63056	NIL	NIL
05	PIANO HINGE 1X40X180	04	NIL	IS 3818 (1992)	NIL
04	WASH BASIN SINK EXT ASSY	01	ED63072	NIL	NIL
03	DUSTBIN DOOR EXT ASSY	01	ED63071	NIL	NIL
02	MIRROR HATCH DOOR ASSY	01	ED63070	NIL	NIL
01	EXT PANEL WC SIDE	01	NIL	MDTS133	NIL

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	FILE	ED63014.prt (3D)	SUPERSEDES:	
WEIGHT	12.8 KG	S.AREA	M ²			
LENGTH	DIA					
NIL	NIL	M				
WIDTH	THICK					
NIL	NIL	M				
HEIGHT						
NIL	M					

EXT PANEL WC SIDE
ASSEMBLY ORIENT

INDIAN RAILWAYS STANDARD

RAIL COACH FACTORY, KAPURTHALA

SUBMITTED BY : DTL INDIA HOLDING LTD. - PUNE

SCALE	APPROVED
1: 8	CHD
OR	SID
REF.DWG.NO.	ED63002
DRG.NO.	ED63014
ALT.	NIL
SIZE	A2
SHEET	2 OF 2


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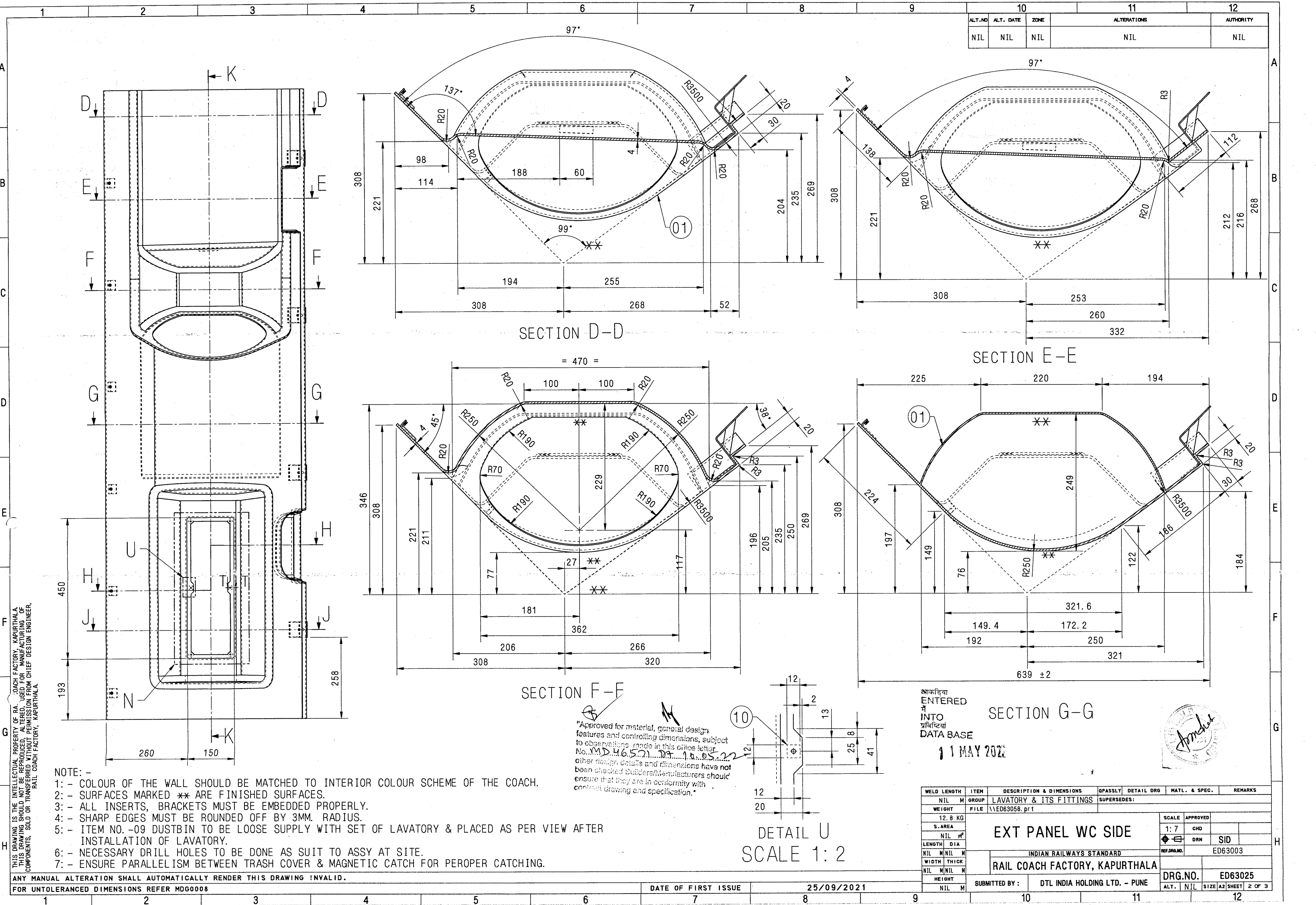
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DATE OF FIRST ISSUE 01/09/2021

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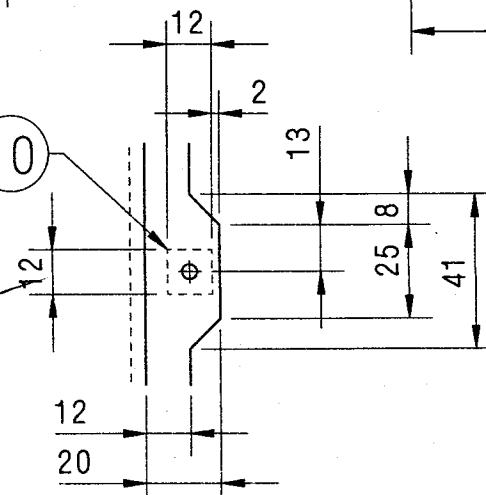
WELD LENGTH		ITEM	DESCRIPTION & DIMENSIONS		QUANTITY	DETAIL DWG	MATL. & SPEC.		REMARKS			
NIL		M	GROUP	LAVATORY & ITS FITTINGS		SUPERSEDES:						
WEIGHT		FILE		\\ED63058.prt								
12.8 KG		EXT PANEL WC SIDE				SCALE		APPROVAL				
S.AREA						1:7		CHD				
NIL						M				DRN		SID
LENGTH						DIA		REF.DWG.NO.		ED63003		
NIL		M		INDIAN RAILWAYS STANDARD								
WIDTH		THICK		RAIL COACH FACTORY, KAPURTHALA								
NIL		NIL		M		DRG.NO.		ED63025				
HEIGHT		SUBMITTED BY :		DTL INDIA HOLDING LTD. - PUNE								
NIL										M		
ALT.		NIL		SIZE		A2		SHEET 1 OF 3				



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- NOTE:-
- 1:- COLOUR OF THE WALL SHOULD BE MATCHED TO INTERIOR COLOUR SCHEME OF THE COACH.
 - 2:- SURFACES MARKED ** ARE FINISHED SURFACES.
 - 3:- ALL INSERTS, BRACKETS MUST BE EMBEDDED PROPERLY.
 - 4:- SHARP EDGES MUST BE ROUNDED OFF BY 3MM. RADIUS.
 - 5:- ITEM NO. -09 DUSTBIN TO BE LOOSE SUPPLY WITH SET OF LAVATORY & PLACED AS PER VIEW AFTER INSTALLATION OF LAVATORY.
 - 6:- NECESSARY DRILL HOLES TO BE DONE AS SUIT TO ASSY AT SITE.
 - 7:- ENSURE PARALLELISM BETWEEN TRASH COVER & MAGNETIC CATCH FOR PROPER CATCHING.

"Approved for material, general design features and controlling dimensions, subject to observations made in this office letter No. YMD.465.21. Dt. 1.8.22. other design details and dimensions have not been checked. Builders/Manufacturers should ensure that they are in conformity with contract drawing and specification."



DETAIL U
SCALE 1: 2

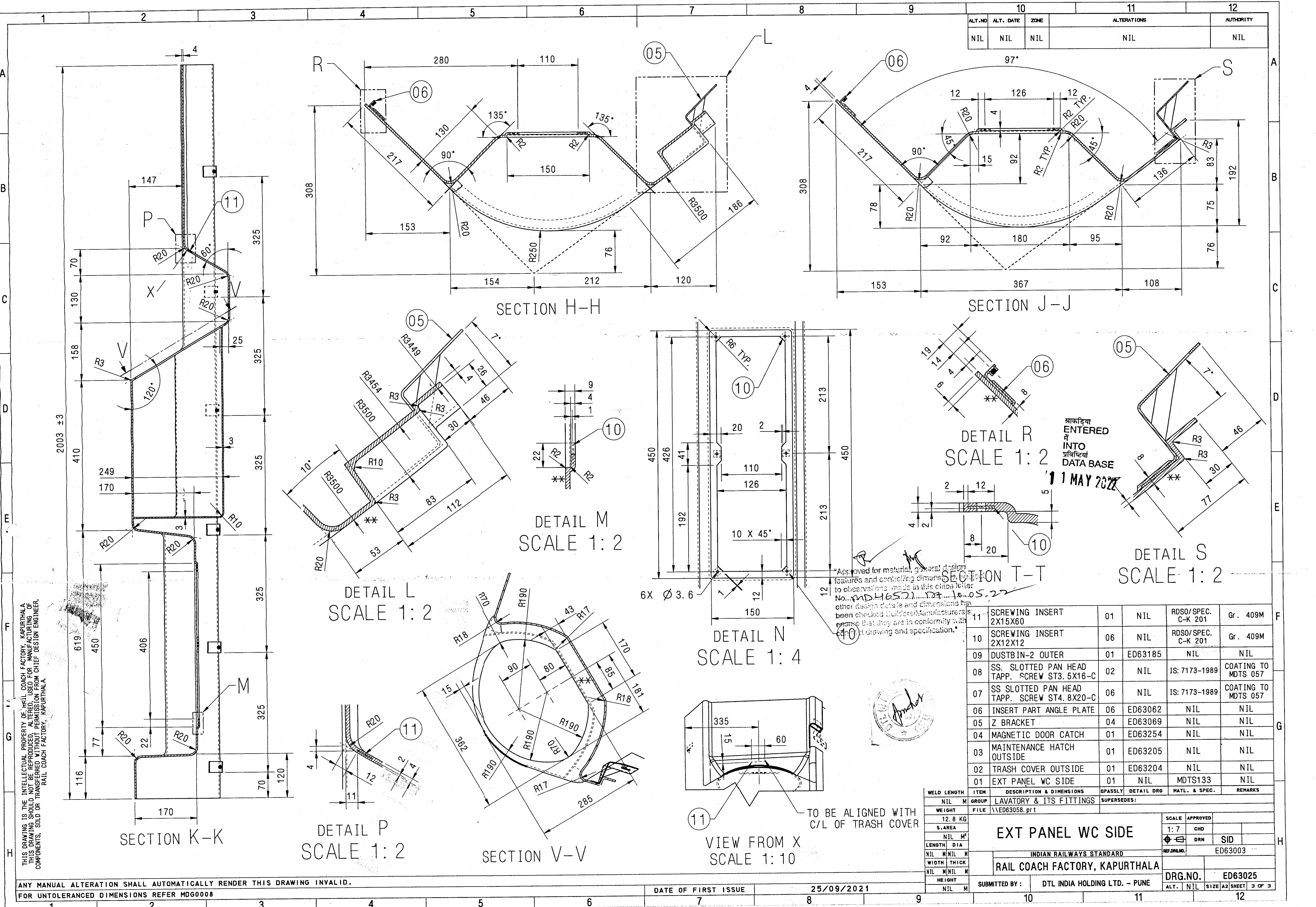
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प्रविष्टिया
DATA BASE

11 MAY 2022

SECTION G-G

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	OPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	LAVATORY & ITS FITTINGS	SUPERSEDES:		
WEIGHT	FILE	FILE	VED63058.prt			
S. AREA						
NIL	M					
LENGTH	DIA					
NIL	NIL					
WIDTH	THICK					
NIL	NIL					
HEIGHT						
NIL	M					

SCALE	APPROVED	
1: 7	CHD	
DRN	SID	
REF. DRG. NO.	ED63003	
INDIAN RAILWAYS STANDARD		
RAIL COACH FACTORY, KAPURTHALA		
DRG. NO.	ED63025	
SUBMITTED BY:	DTL INDIA HOLDING LTD. - PUNE	
ALT.	NIL	SIZE A2 SHEET 2 OF 3



ALT. NO.	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY
NIL	NIL	NIL	NIL	NIL

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1 MAY 2022

11	SCREWING INSERT 2X15X60	01	NIL	RDSO/SPEC. C-K 201	Gr. 409M
10	SCREWING INSERT 2X12X12	06	NIL	RDSO/SPEC. C-K 201	Gr. 409M
09	DUSTBIN-2 OUTER	01	ED63185	NIL	NIL
08	SS. SLOTTED PAN HEAD TAPP. SCREW ST3. 5X16-C	02	NIL	IS: 7173-1989	COATING TO MDTS 057
07	SS SLOTTED PAN HEAD TAPP. SCREW ST4. 8X20-C	06	NIL	IS: 7173-1989	COATING TO MDTS 057
06	INSERT PART ANGLE PLATE	06	ED63062	NIL	NIL
05	Z BRACKET	04	ED63069	NIL	NIL
04	MAGNETIC DOOR CATCH	01	ED63254	NIL	NIL
03	MAINTENANCE HATCH OUTSIDE	01	ED63205	NIL	NIL
02	TRASH COVER OUTSIDE	01	ED63204	NIL	NIL
01	EXT PANEL WC SIDE	01	NIL	MDTS133	NIL

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	LAVATORY & ITS FITTINGS	SUPERSEDES:		
WEIGHT	FILE	FILE	FILE	FILE	FILE	FILE
12.8 KG						
S.AREA						
NIL M ²						
LENGTH DIA						
NIL M/NIL M						
WIDTH THICK						
NIL M/NIL M						
HEIGHT						
NIL M						

EXT PANEL WC SIDE

INDIAN RAILWAYS STANDARD

RAIL COACH FACTORY, KAPURTHALA

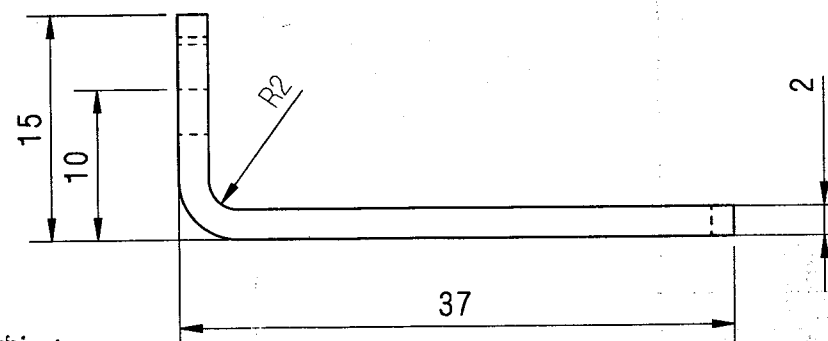
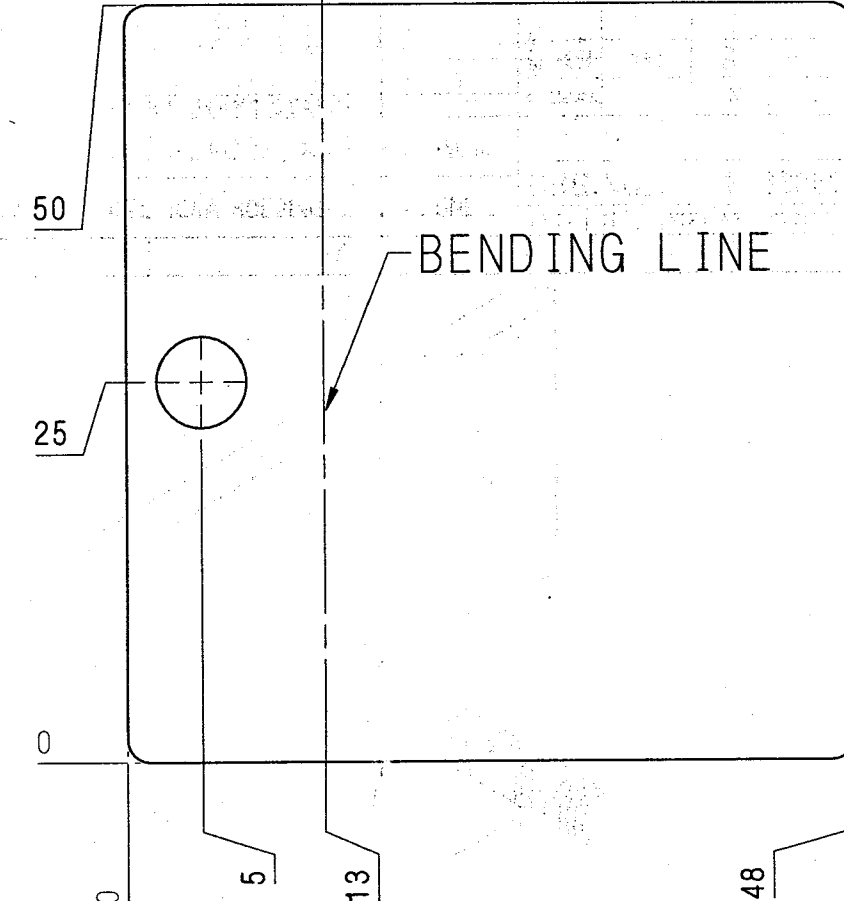
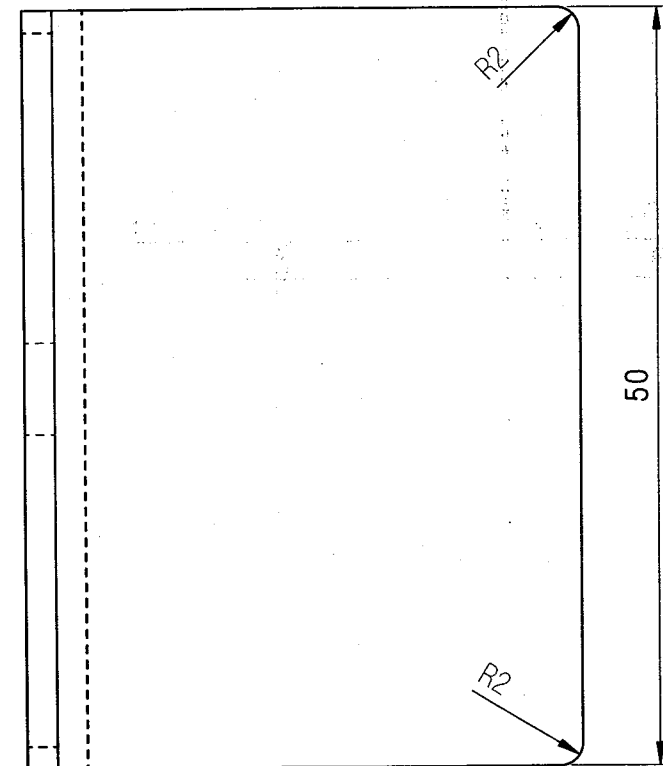
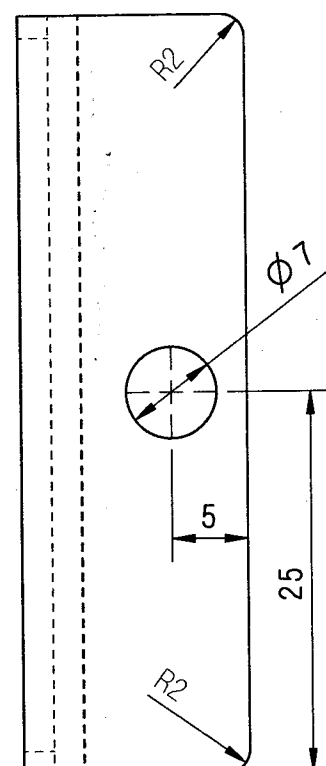
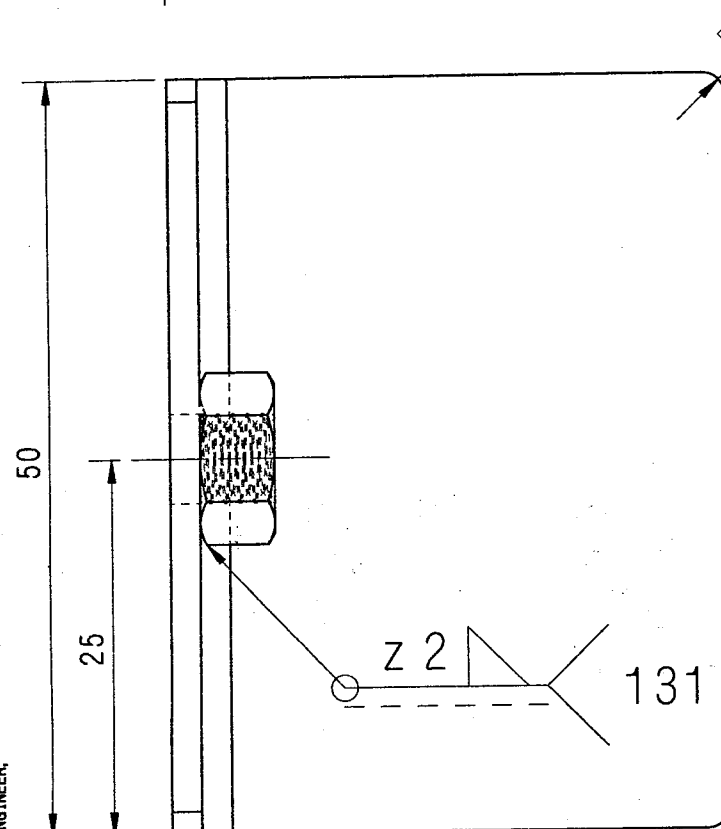
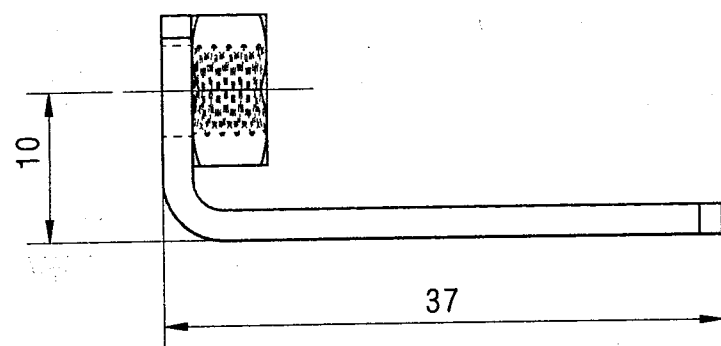
DRG.NO. ED63025

SUBMITTED BY : DTL INDIA HOLDING LTD. - PUNE

DATE OF FIRST ISSUE 25/09/2021

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ALT. NO	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY
01	22/11/21	NIL	CHANGE IN SIZE	NIL

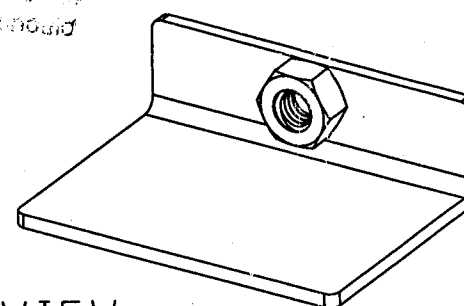


DEVELOPED VIEW
SCALE 2:1

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11 MAY 2022

"Approved for material, general design features and controlling dimensions, subject to observations made in this office letter No. MDH.6.5.21. Dt. 10.05.22 other design details and dimensions have not been checked Builders/Manufacturers should ensure that they are in conformity with contract drawing and specification."



ISO VIEW
FOR REFERENCE ONLY

02	SS. HEX. WELD NUT M6	01	NIL	IS 8856-1991	Gr. 409M
01	SHEET 50X48X2	01	NIL	RDSO SPEC: C-K201	Gr. 409M

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
M	GROUP	LAVATORY & ITS FITTINGS				
WEIGHT	FILE	\\ED63062.prt				
0.04 KG						
S. AREA						
M ²						
LENGTH	DIA					
M	M					
WIDTH	THICK					
M	M					
HEIGHT	M					

INSERT PART ANGLE PLATE

INDIAN RAILWAYS STANDARD
RAIL COACH FACTORY, KAPURTHALA

SCALE	APPROVED	CHD	DRN	NIK	NIL
2:1					
REF.DRG.NO.					
DRG.NO.					
ALT.	NIL				
SIZE	A3	SHEET	1	OF	1

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

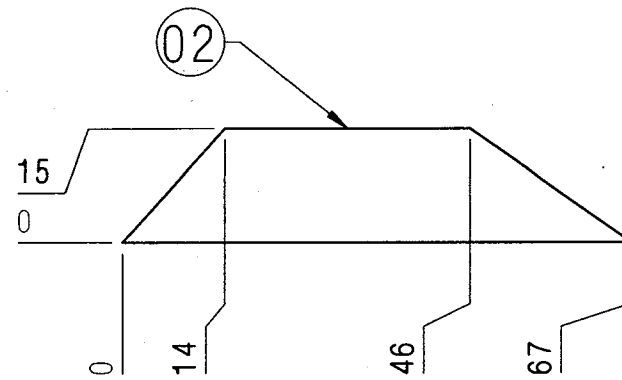
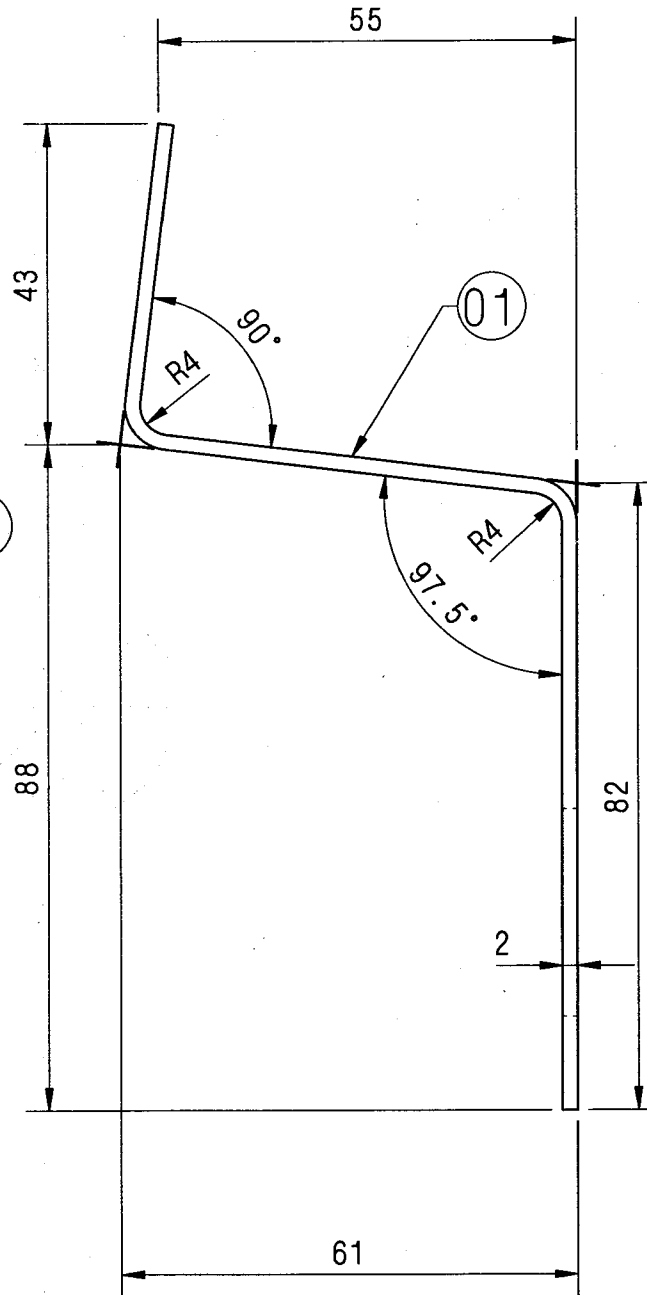
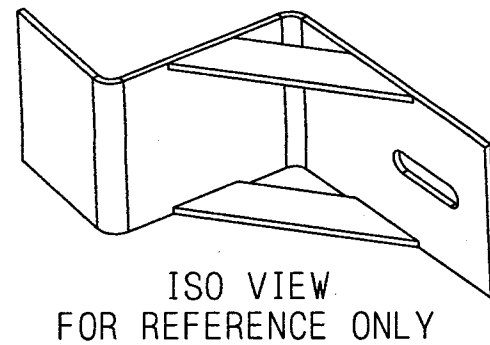
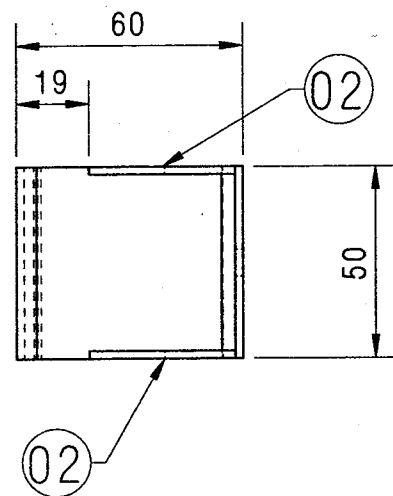
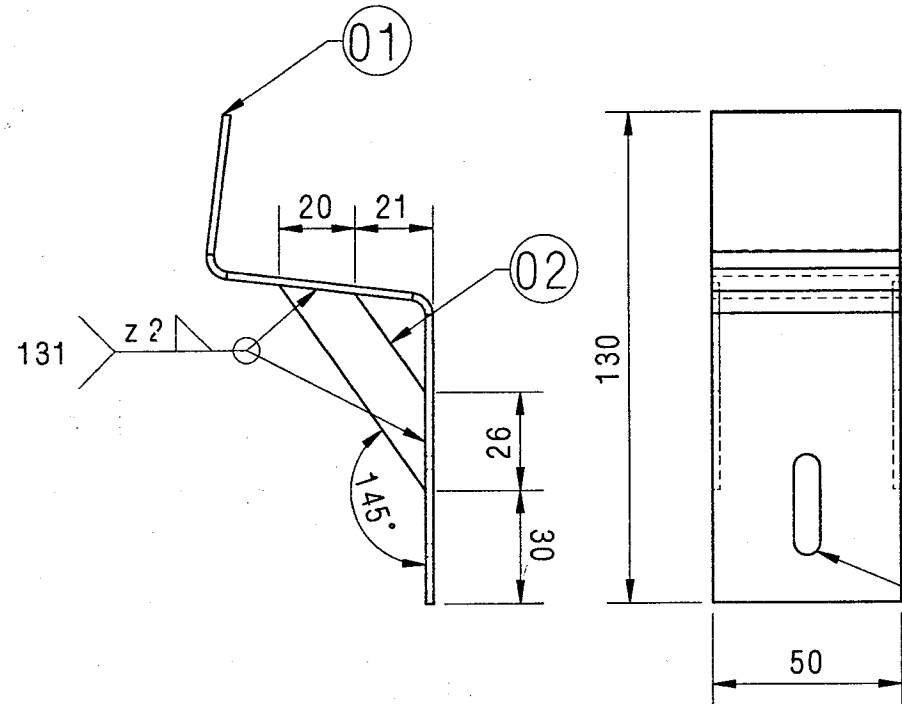
DATE OF FIRST ISSUE

02/09/2021

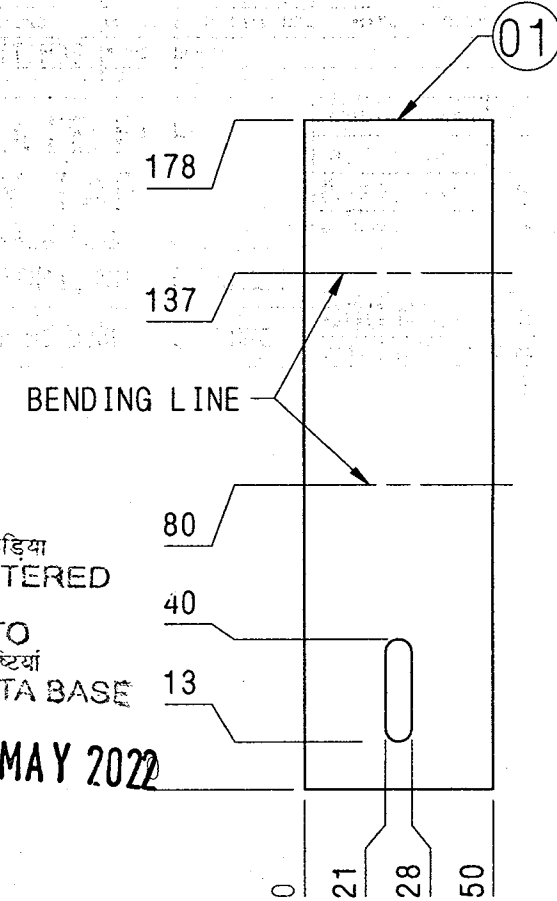
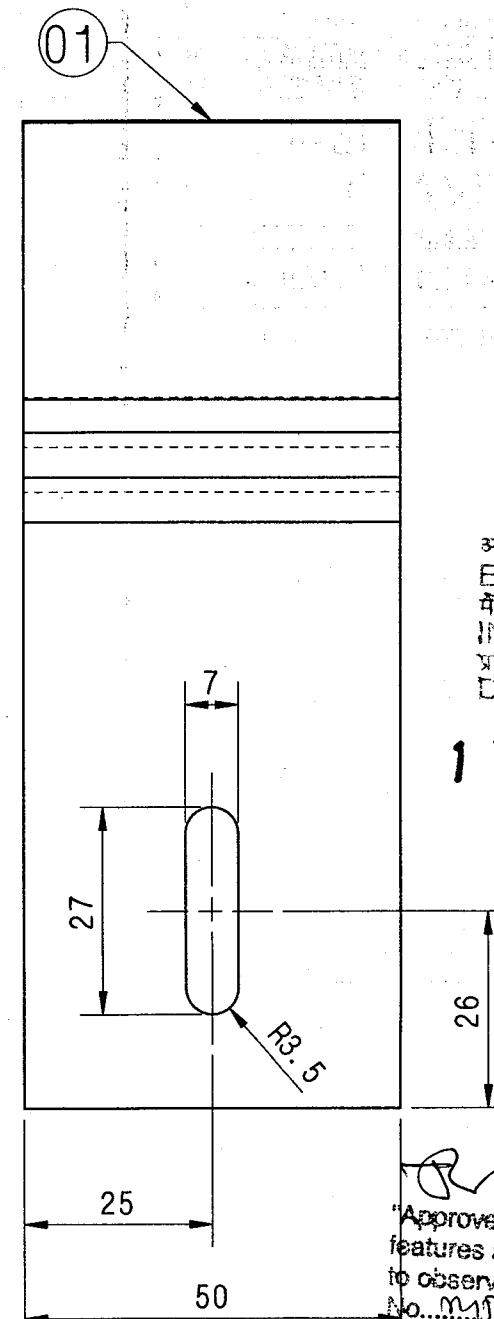
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DEVELOPED VIEW
SCALE 1:1



DEVELOPED VIEW
SCALE 1:2

आकड़िया
ENTERED
में
INTO
प्रविष्टिया
DATA BASE

11 MAY 2022

Approved for material, general design features and controlling dimensions, subject to observations made in this office letter No. MD 46571 D7 10.05.22. Other design details and dimensions have not been checked Builders/Alumina should ensure that they are in accordance with contract drawing and specification.



02	SHEET 67X15X2	NIL	NIL	RDSO SPEC: C-K201	GR. 409M
01	SHEET 178X50X2	NIL	NIL	RDSO SPEC: C-K201	GR. 409M

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	LAVATORY & ITS FITTINGS	SUPERSEDES:		
WEIGHT	FILE	\\VED63069.prt (3D)				
0.16 KG						
S.AREA						
NIL M²						
LENGTH	DIA					
M	M					
WIDTH	THICK					
M	M					
HEIGHT	M					

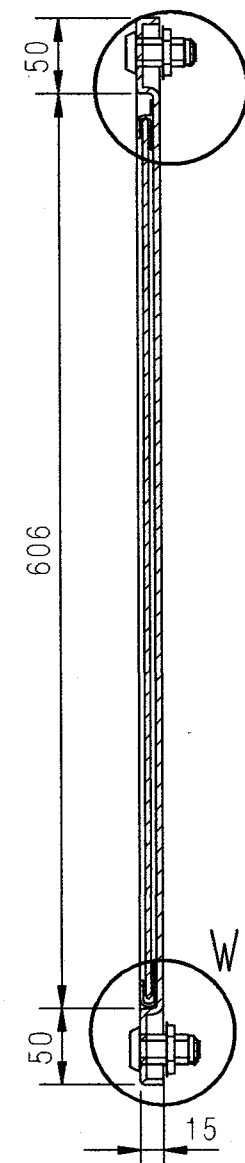
Z- BRACKET

INDIAN RAILWAYS STANDARD
RAIL COACH FACTORY, KAPURTHALA

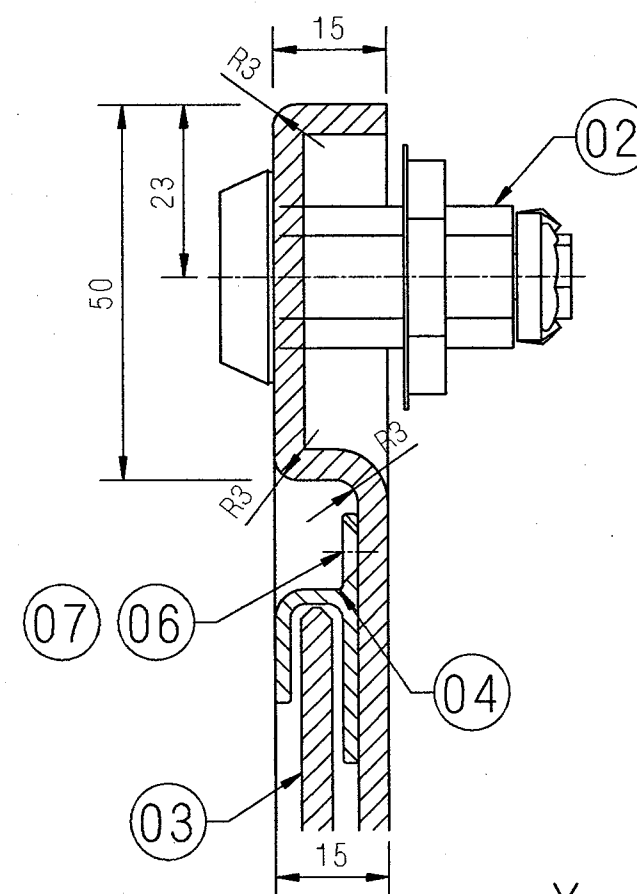
SUBMITTED BY: DTL INDIA HOLDING LTD. - PUNE

SCALE	APPROVED	CHD	DRN	SID	REF.DRG.NO.	DRG.NO.	ED63069
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ALT.	NIL	SIZE	A3	SHEET	1 OF 1		

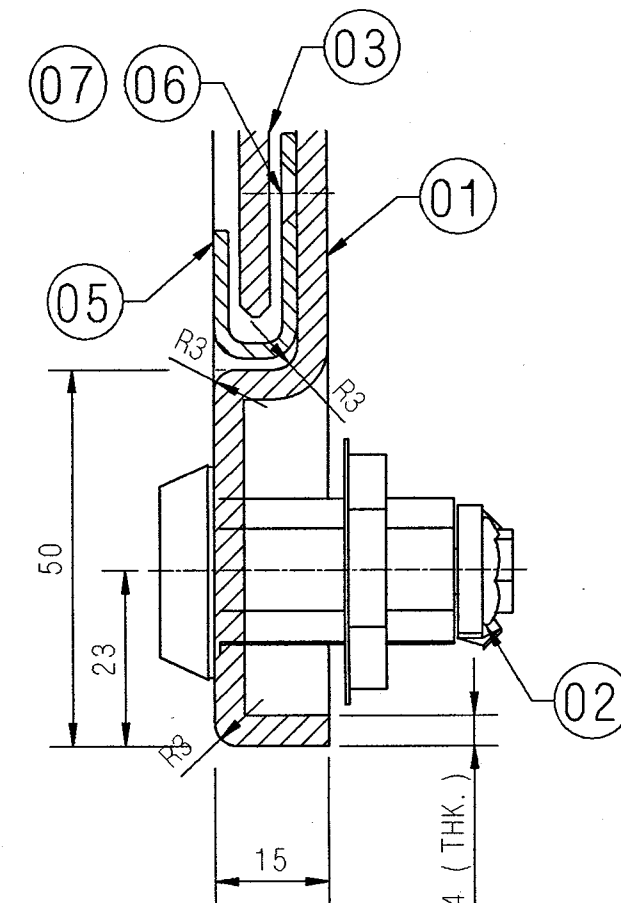
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.
FOR UNTOLERANCED DIMENSIONS REFER MDG0008
DATE OF FIRST ISSUE 02/09/2021



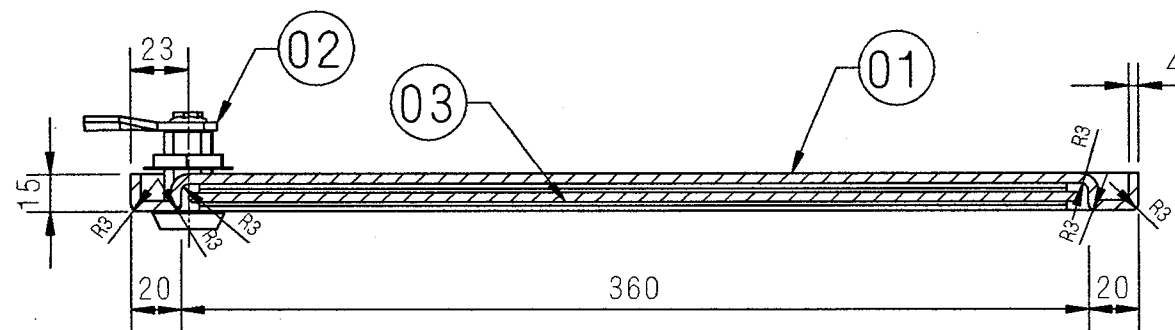
SECTION V-V



DETAIL X
SCALE 1:1

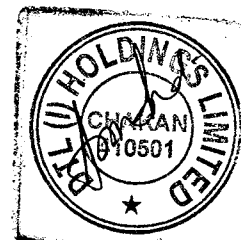


DETAIL W
SCALE 1:1




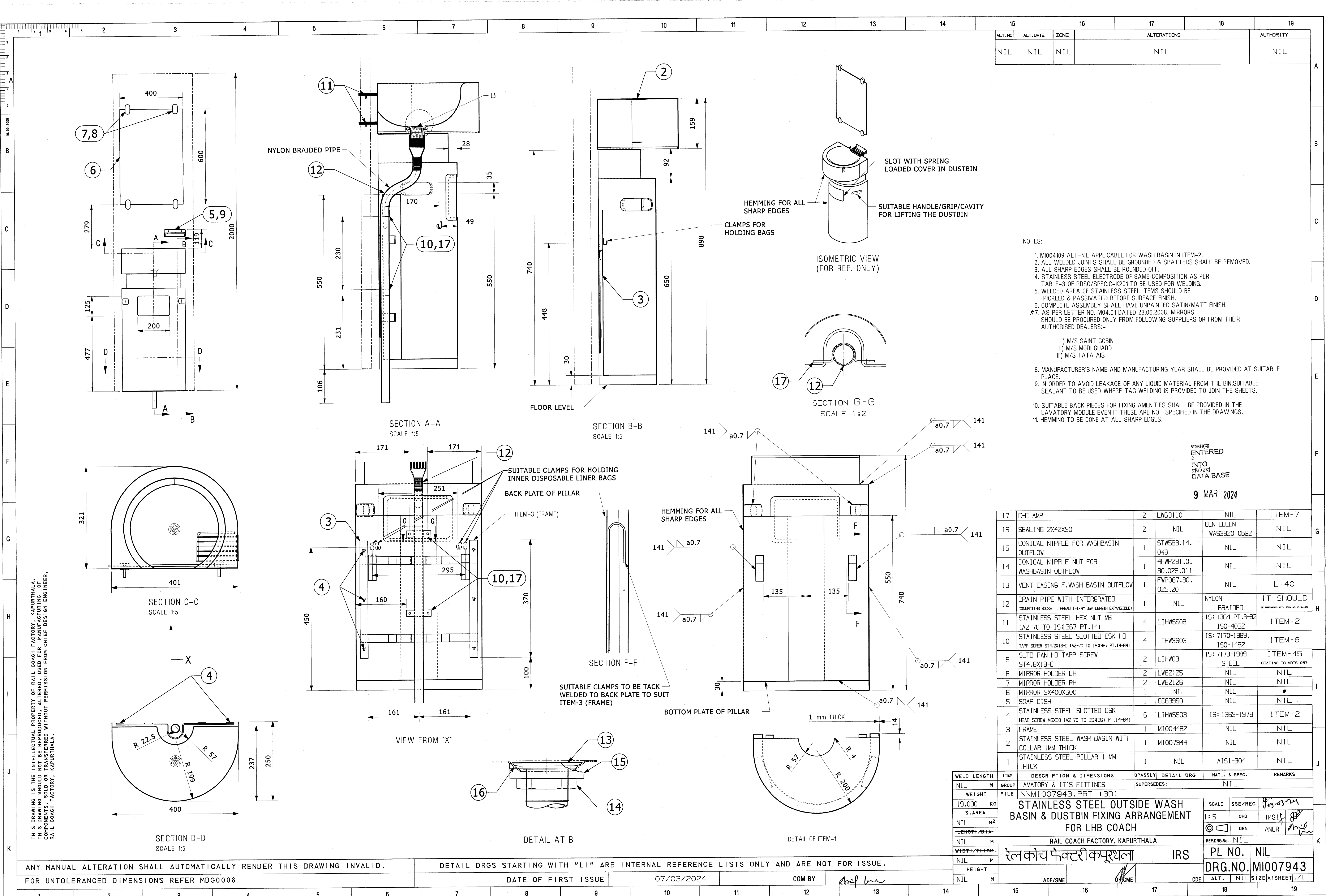
SECTION Y-Y

✓ *[Signature]* *[Signature]*
 is prepared for material, general design
 features and controlling dimensions, subject
 to close review made in the office after
 No. MD 46521 Date 13.1.51
 other design details and dimensions have
 been checked Builders/Manufacturers etc.
 ensure that they are in conformity with
 current drawing and specifications.

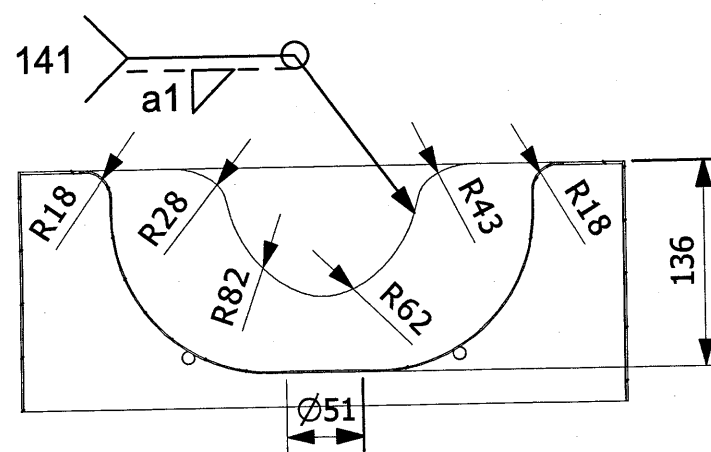
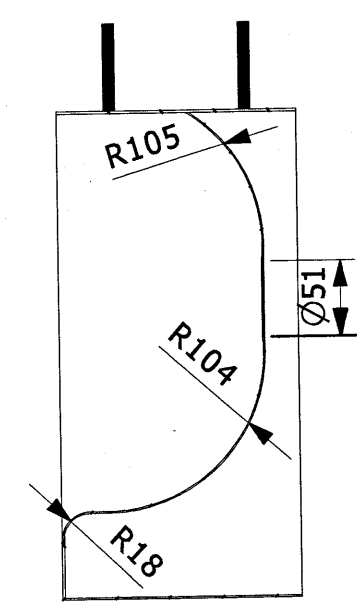
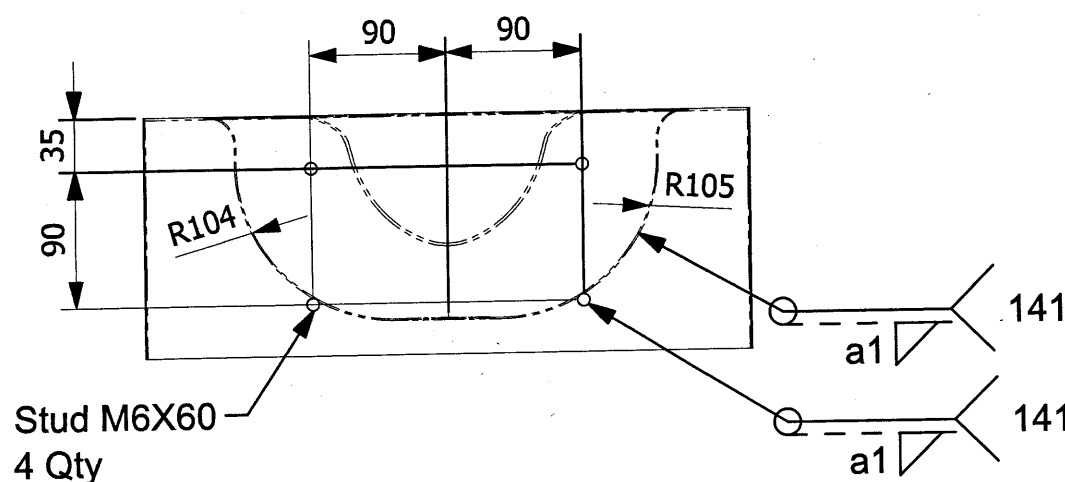
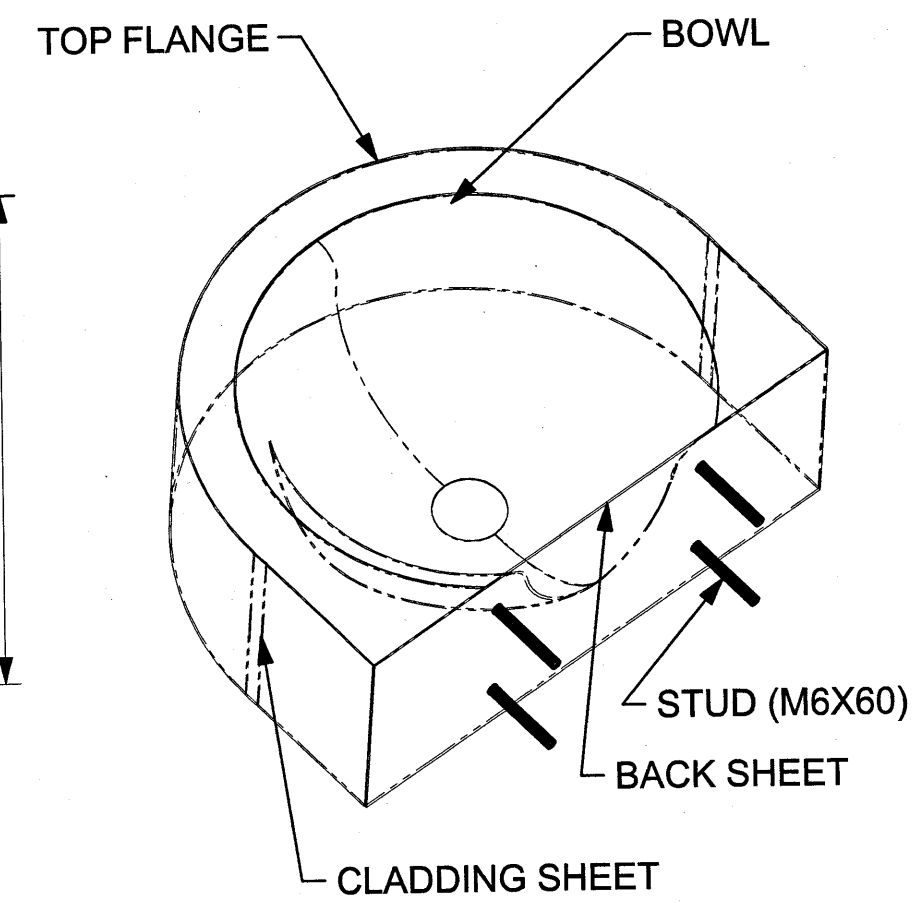
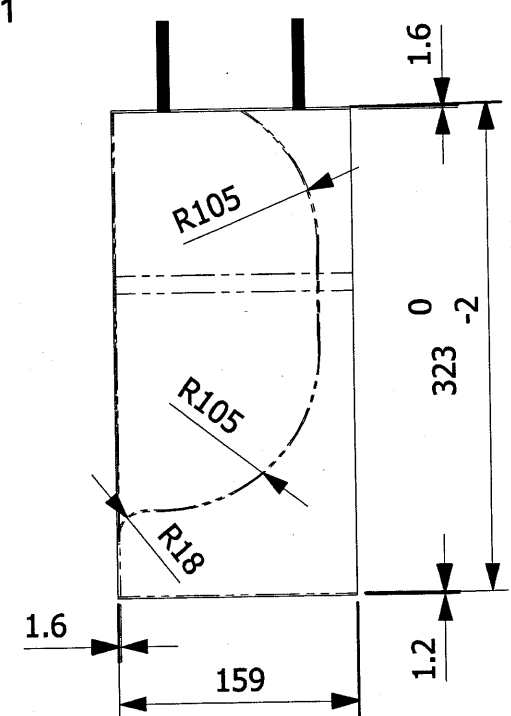
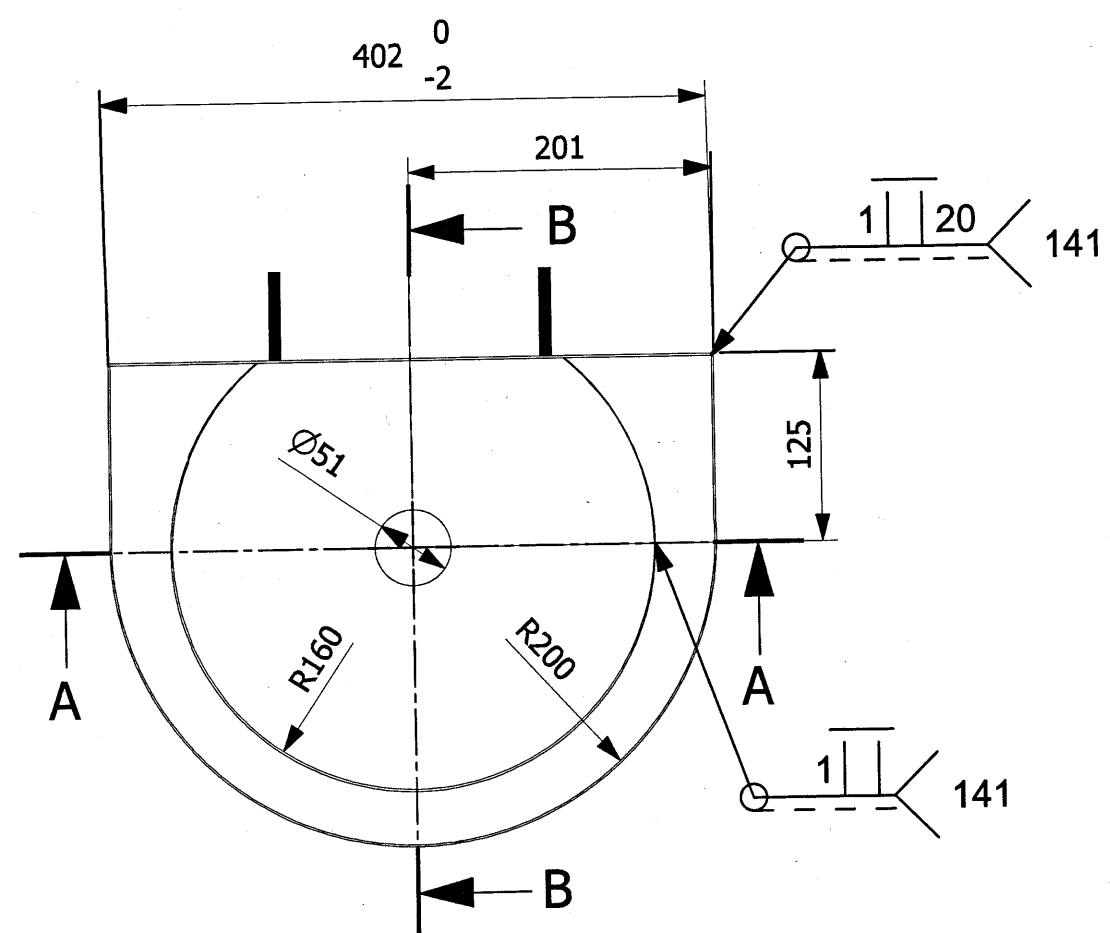


07	HEX NUT M4	06	NIL	IS: 1364 PART2 (2002)	
06	CSK HEX SOCKET SCREW M4X16	06	NIL	IS 8761 : 2013	
05	MIRROR MOUNTING EXTRUSION 2	01	ED63058	NIL	ITEM: 2
04	MIRROR MOUNTING EXTRUSION 1	01	ED63058	NIL	ITEM: 1
03	MIRROR 2	01	ED63047	NIL	
02	CAM LATCH	02	NIL	SOUTHC E3-1010-091	
01	MIRROR HATCH DOOR PANEL	01	NIL	MDTS133	

WELD LENGTH		ITEM	DESCRIPTION & DIMENSIONS		QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
M		GROUP	LAVATORY & ITS FITTINGS		SUPERSEDES:			
WEIGHT		FILE	\\ED63070.pr t					
4.18 KG		<div style="text-align: center;"> <h1>MIRROR HATCH DOOR ASSEMBLY</h1> <h2>INDIAN RAILWAYS STANDARD</h2> <h2>RAIL COACH FACTORY, KAPURTHALA</h2> </div>				SCALE	APPROVED	
S.AREA						1:2	CHD	
M ²							DRN	NIK
LENGTH	DIA					REF.DRG.NO.	ED63014	
M	M							
WIDTH	THICK							
M	M							
HEIGHT								
M								
		SUBMITTED BY :		DTL INDIA HOLDING LTD. - PUNE		DRG.NO.		ED63070
						ALT.		N I
						SIZE		A3 SHEET 1 OF



ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
NIL	NIL	NIL	NIL	NIL



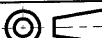
SECTION B-B

SECTION A-A

- NOTES:-
1. ALL WELDED JOINTS SHALL BE GROUNDED & SPATTERS SHALL BE REMOVED.
 2. ALL SHARP EDGES SHALL BE ROUNDED OFF.
 3. STAINLESS STEEL ELECTRODE OF SAME COMPOSITION AS PER TABLE-3 OF RDSO/SPEC.C-K201 TO BE USED FOR WELDING.
 4. WELDED AREA OF STAINLESS STEEL ITEMS SHOULD BE PICKLED & PASSIVATED BEFORE SURFACE FINISH.
 5. COMPLETE ASSEMBLY SHALL HAVE MIRROR FINISH NO-8 OF IS:6911-92 TAB-8.
 6. MANUFACTURER'S NAME AND MANUFACTURING YEAR SHALL BE PROVIDED AT SUITABLE PLACE.
 7. IN ORDER TO AVOID LEAKAGE OF ANY LIQUID MATERIAL FROM THE WASH BASIN, SUITABLE SEALANT TO BE USED WHERE TAG WELDING IS PROVIDED TO JOIN THE SHEETS.

भारतीय
ENTERED
IN
प्रणाली
DATA BASE

9 MAR 2024

	NIL	WASH BASIN 1.6X402X323		NIL	NIL	AISI-304		NIL	
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS		OPASSLY	DETAIL DRG	MATL. & SPEC.		REMARKS	
NIL	M	GROUP		LAVATORY & IT'S FITTINGS		SUPERSEDES: NIL			
WEIGHT	FILE	\\MI007944.prt(3D)							
3.640	KG	STAINLESS STEEL WASH BASIN. WITH COLLAR 1MM THICK				SCALE	SSE/REG	Jc203-24	
S.AREA						1:5	CHD	TPSif	
NIL	M ²						DRN	ANLR	Amil
LENGTH / DIA									
NIL	M	RAIL COACH FACTORY, KAPURTHALA				REF.DRG.No.	NIL		
WIDTH / THICK		रेल कोच फैक्टरी कपूरथला			IRS	PL NO.	NIL		
NIL	M						DRG.NO.		MI007944
HEIGHT						ALT.	NIL	SIZE	A2
NIL	M	ADE/SME		BY.CME	CDE			SHEET	1/1

STAINLESS STEEL WASH BASIN.
WITH COLLAR 1MM THICK

रेलकोच फेक्टरी कपूरथला

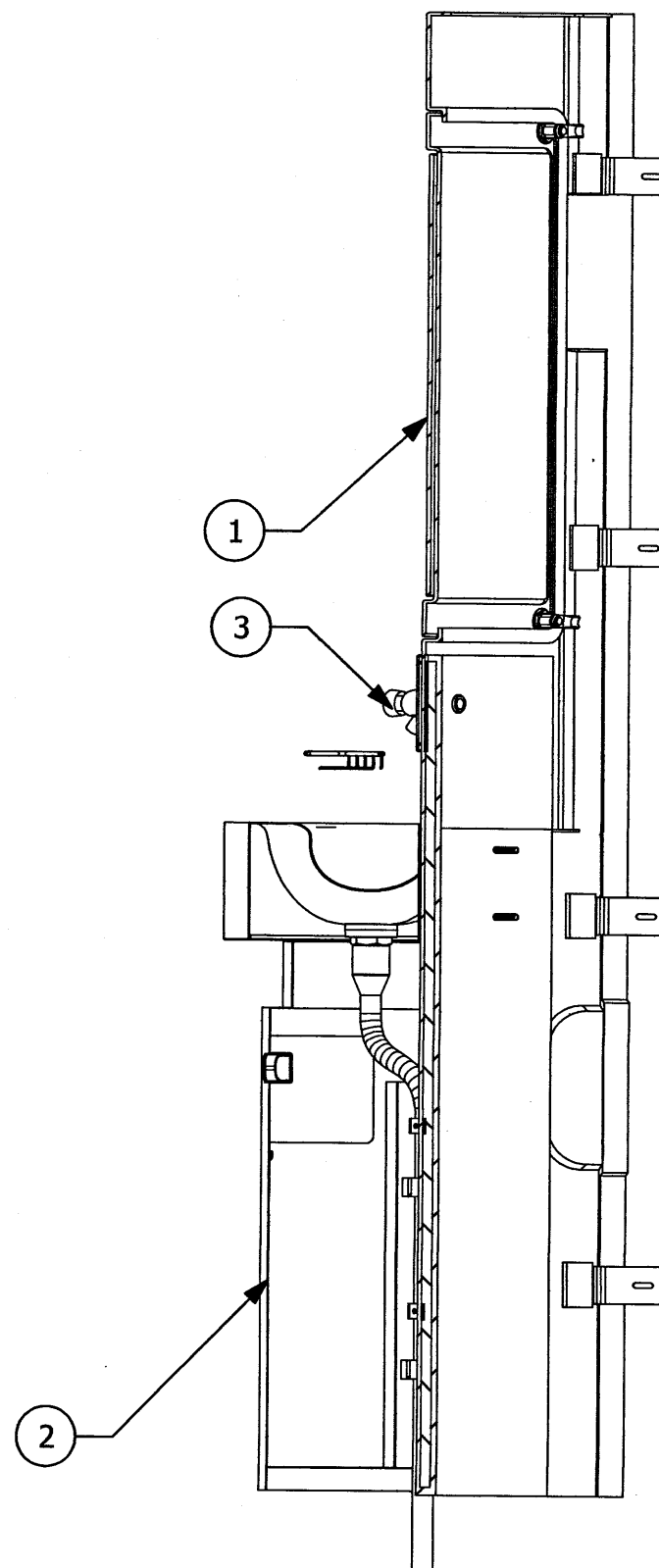
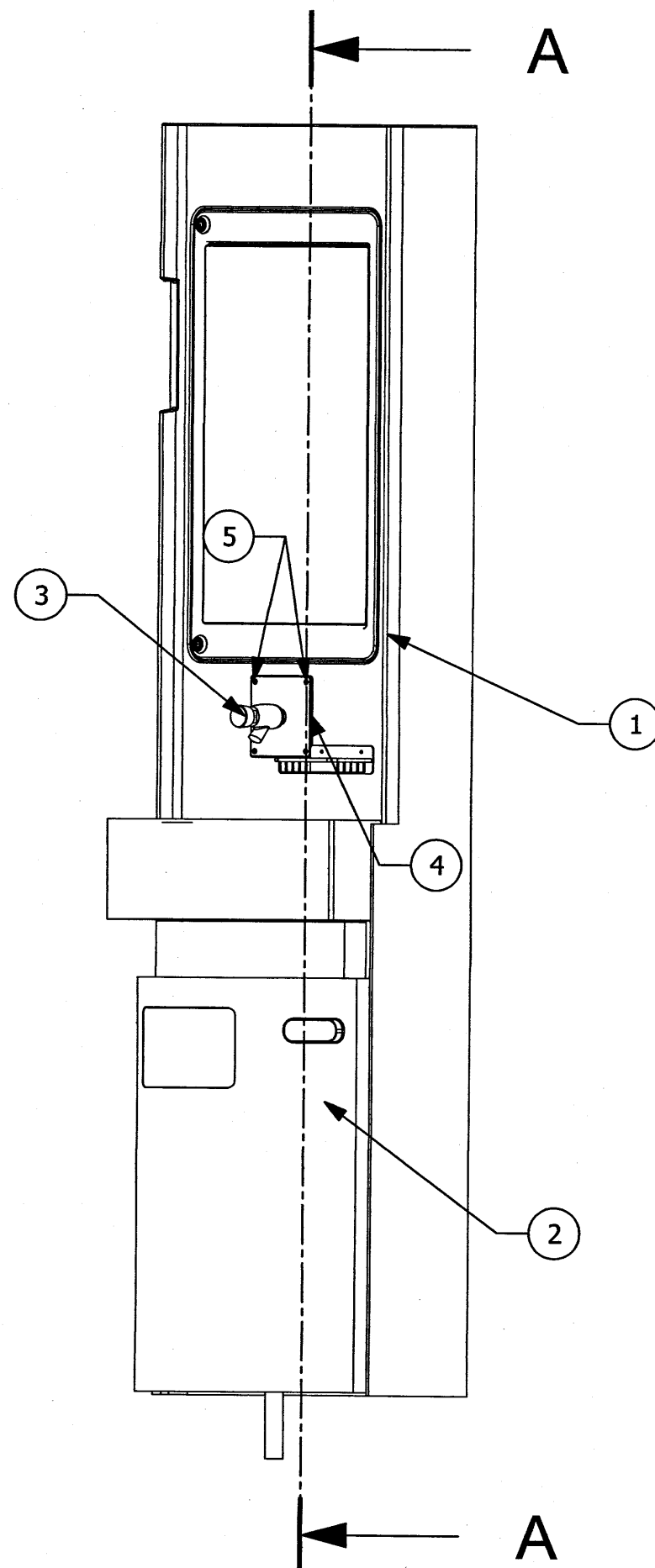
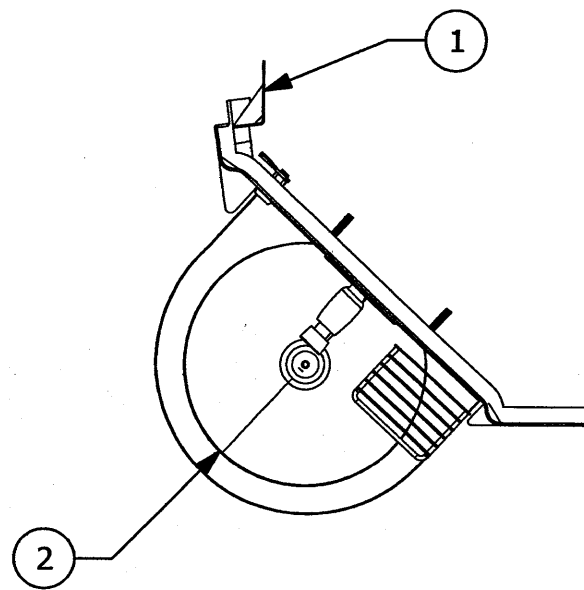
IRS

SCALE	SSE/REC	PL NO.	NIL
1:5	CHD	PL NO.	NIL
DRN	ANLR	DRG.NO.	MI007944
REF.DRG.No.	NIL	SIZE	A2
ALT.	NIL	SHEET	1/1

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008	DATE OF FIRST ISSUE	12/02/2024	CGM BY	Amil
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SECTION A-A

NOTE:-

- *1. TO BE PROCURED WITHOUT MIRROR.
2. BIB COCK (CAT.NO.29037) FUSION RANGE OF M/S JAQUAR/MSO-2080 OF M/S MARC/FNO-011 OF M/S EAUSET/HR03 OF M/S ESS ESS/SE-00202 OF AGMECO SUBJECT TO COMPLIANCE OF FIRM WITH CLAUSE 3 TO CLAUSE 7 OF SECTIO 'A' OF RDSO/2008/CG-05".

ENTERED
INTO
DATA BASE

9 MAR 2024

5	STAINLESS STEEL SLOTTED CSK HD TAPP SCREW ST4.2X16-C (A2-70 TO IS4367 PT.14-84)	4	LIHWSS03	IS: 7170-1989, IS 0-1482	ITEM-6
4	MOUNTING PLATE	1	LE63147	NIL	NIL
3	BIB COCK	1	NIL	NIL	SEE NOTE-2
2	STAINLESS STEEL OUTSIDE WASH BASIN & DUSTBIN FIXING ARRANGEMENT FOR LHB COACHES	1	MI007943	NIL	*
1	EXT PANEL WC SIDE ORIENT	1	MI007958	NIL	NIL

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	LAVATORY & IT'S FITTINGS	SUPERSEDES: NIL		
WEIGHT	FILE	WMI007957.prt(3D)				
44.320	KG					
S. AREA						
NIL	M ²					
LENGTH / DIA						
NIL	M					
WIDTH / THICK						
NIL	M					
HEIGHT						
NIL	M					

EXT PANEL WC SIDE ASSEMBLY		SCALE	SSE/REC	03-03-24
ORIENT FOR ECONOMY COACHES		1: 10	CHD	TPSI
RAIL COACH FACTORY, KAPURTHALA		DRN	RAVI	
रेल कोच फैक्टरी कपूरथला		REF.DRG.No.	NIL	
IRS		PL NO.	NIL	
ADE/SME		DRG.NO.	MI007957	
BY.CME		ALT.	NIL	
CDE		SIZE	A2	SHEET 1/1

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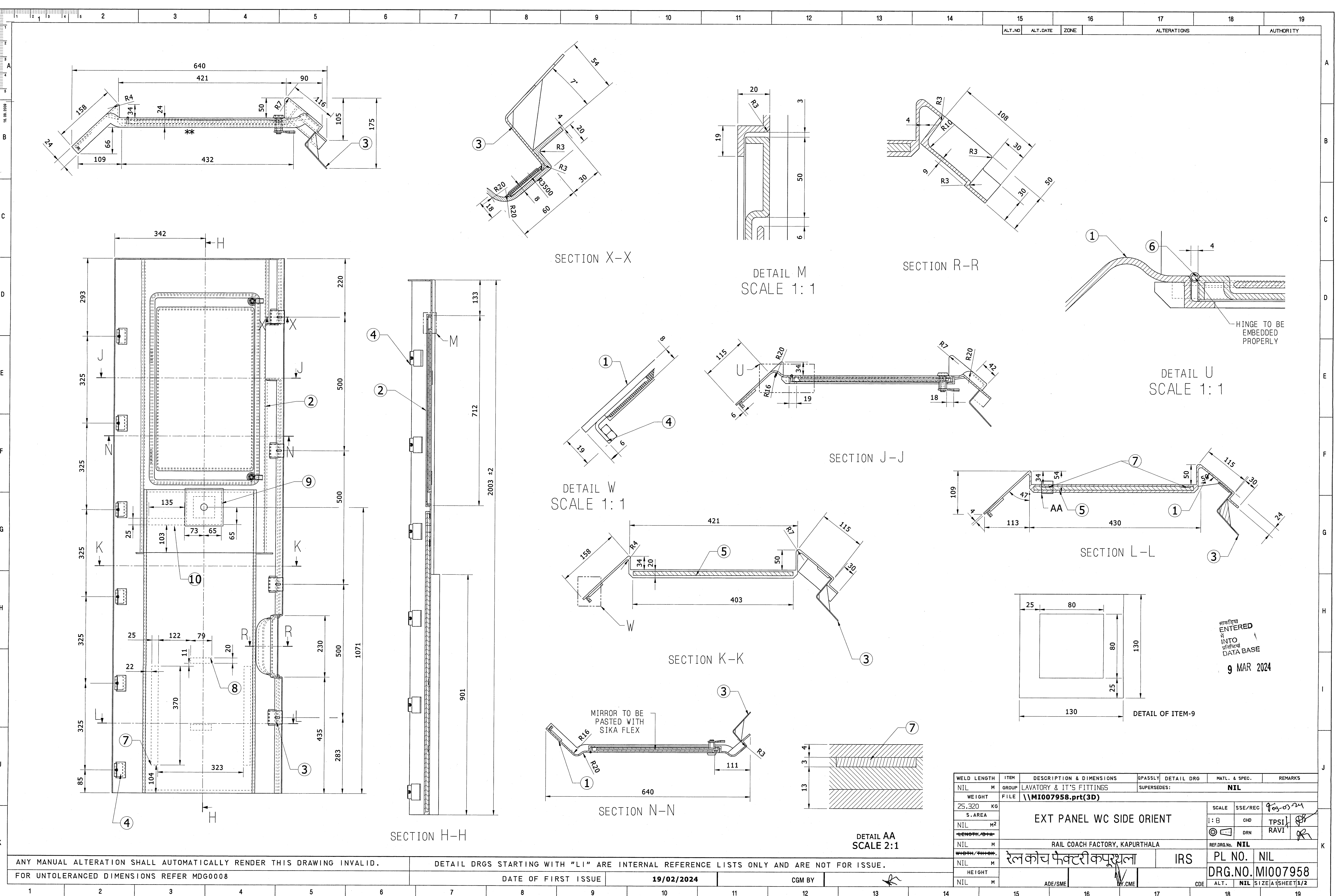
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DATE OF FIRST ISSUE

06/03/2024

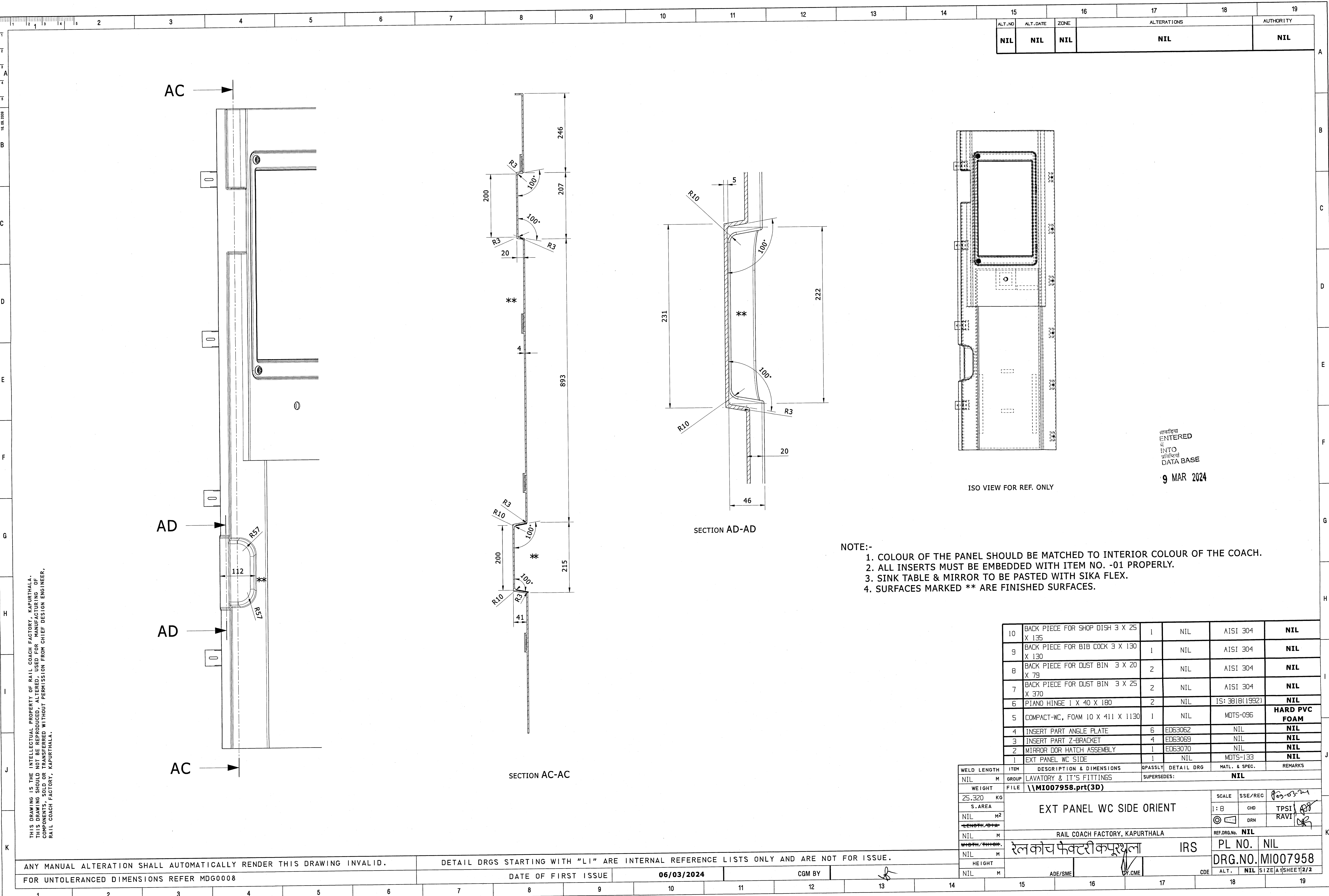
CGM BY



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DATE OF FIRST ISSUE										CGM BY									
19/02/2024																			

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	LAVATORY & IT'S FITTINGS			NIL	
WEIGHT	FILE	\\MI007958.prt(3D)				
25.320	KG					
S. AREA						
NIL	M2					
LENGTH	MM					
NIL	M					
WIDTH	MM					
NIL	M					
HEIGHT	MM					
NIL	M					

EXT PANEL WC SIDE ORIENT		SCALE	SSE/REC	9-03-24
		1:8	CHD	TPSI
			DRN	RAVI
RAIL COACH FACTORY, KAPURTHALA		REF.DRG.No.	NIL	
रेलकोच फैक्टरी कपूरथला		PL NO.	NIL	
IRS		DRG.NO.	MI007958	
ADE/SME		BY.CME	CDE	ALT.
				NIL
		SIZE	A1	
		SHEET	1/2	



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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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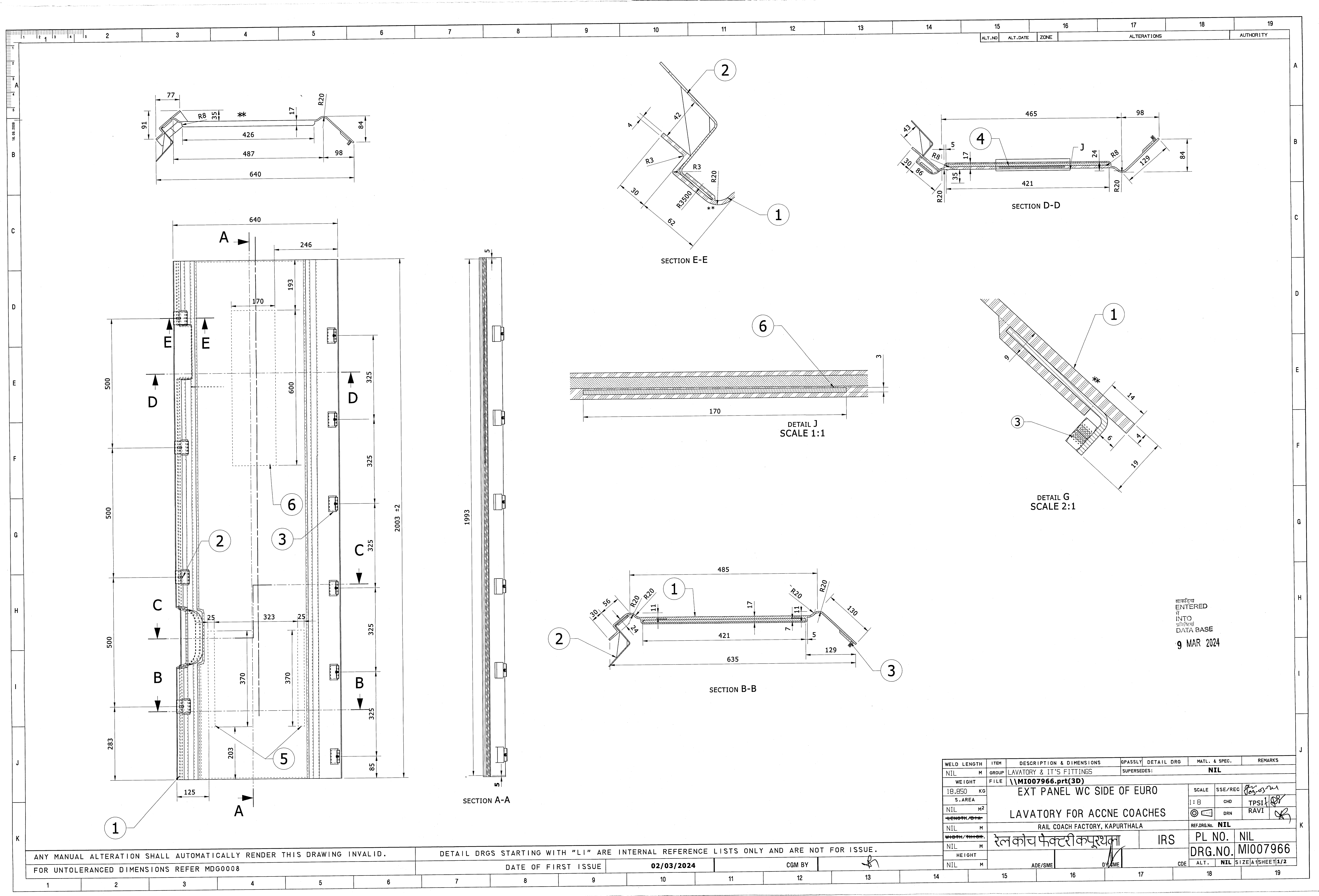
DATE OF FIRST ISSUE 06/03/2024 CGM BY

- NOTE:-
1. COLOUR OF THE PANEL SHOULD BE MATCHED TO INTERIOR COLOUR OF THE COACH.
 2. ALL INSERTS MUST BE EMBEDDED WITH ITEM NO. -01 PROPERLY.
 3. SINK TABLE & MIRROR TO BE PASTED WITH SIKA FLEX.
 4. SURFACES MARKED ** ARE FINISHED SURFACES.

10	BACK PIECE FOR SHOP DISH 3 X 25 X 135	1	NIL	AISI 304	NIL
9	BACK PIECE FOR BIB COCK 3 X 130 X 130	1	NIL	AISI 304	NIL
8	BACK PIECE FOR DUST BIN 3 X 20 X 79	2	NIL	AISI 304	NIL
7	BACK PIECE FOR DUST BIN 3 X 25 X 370	2	NIL	AISI 304	NIL
6	PLANO HINGE 1 X 40 X 180	2	NIL	IS: 3818(1992)	NIL
5	COMPACT-WC, FOAM 10 X 411 X 1130	1	NIL	MDTS-096	HARD PVC FOAM
4	INSERT PART ANGLE PLATE	6	ED63062	NIL	NIL
3	INSERT PART Z-BRACKET	4	ED63069	NIL	NIL
2	MIRROR DOR HATCH ASSEMBLY	1	ED63070	NIL	NIL
1	EXT PANEL WC SIDE	1	NIL	MDTS-133	NIL

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	LAVATORY & IT'S FITTINGS	SUPERSEDES:	NIL		
WEIGHT	GROUP	FILE	\\MI007958.prt(3D)			
25.320	KG					
S.AREA						
NIL	M2					
LENGTH/DIA						
NIL	M					
WIDTH/THICK.						
NIL	M					
HEIGHT						
NIL	M					

SCALE	SSE/REC	PL NO.	NIL
1:8	CHD	TPSI	
	DRN	RAVI	
REF.DRG.No.		NIL	
RAIL COACH FACTORY, KAPURTHALA		IRS	
रेल कोच फैक्टरी कपूरथला		PL NO. NIL	
		DRG.NO. MI007958	
ADE/SME		CDE	
		ALT. NIL	
		SIZE A1	
		SHEET 2/2	



ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
NIL	NIL	NIL	NIL	NIL

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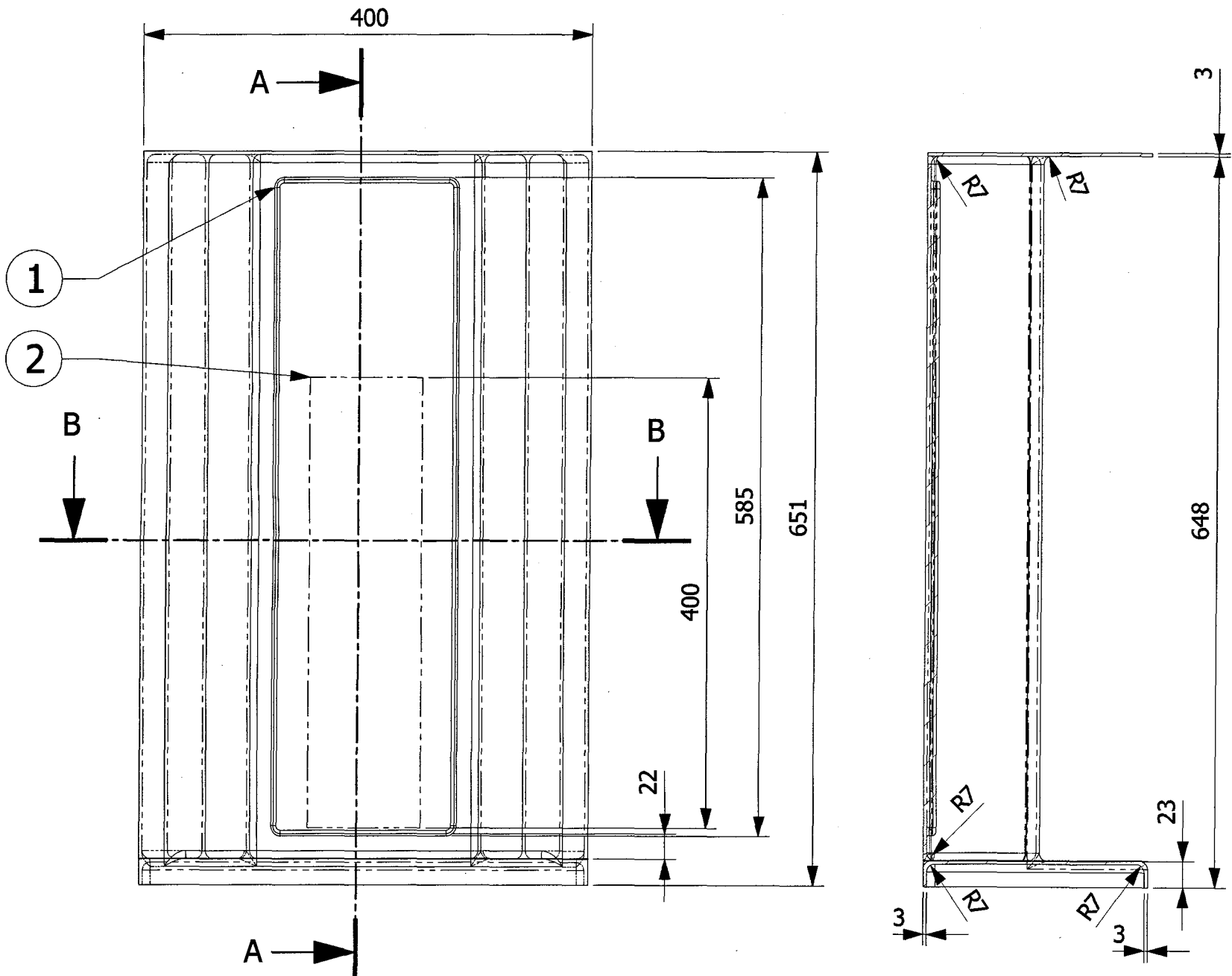
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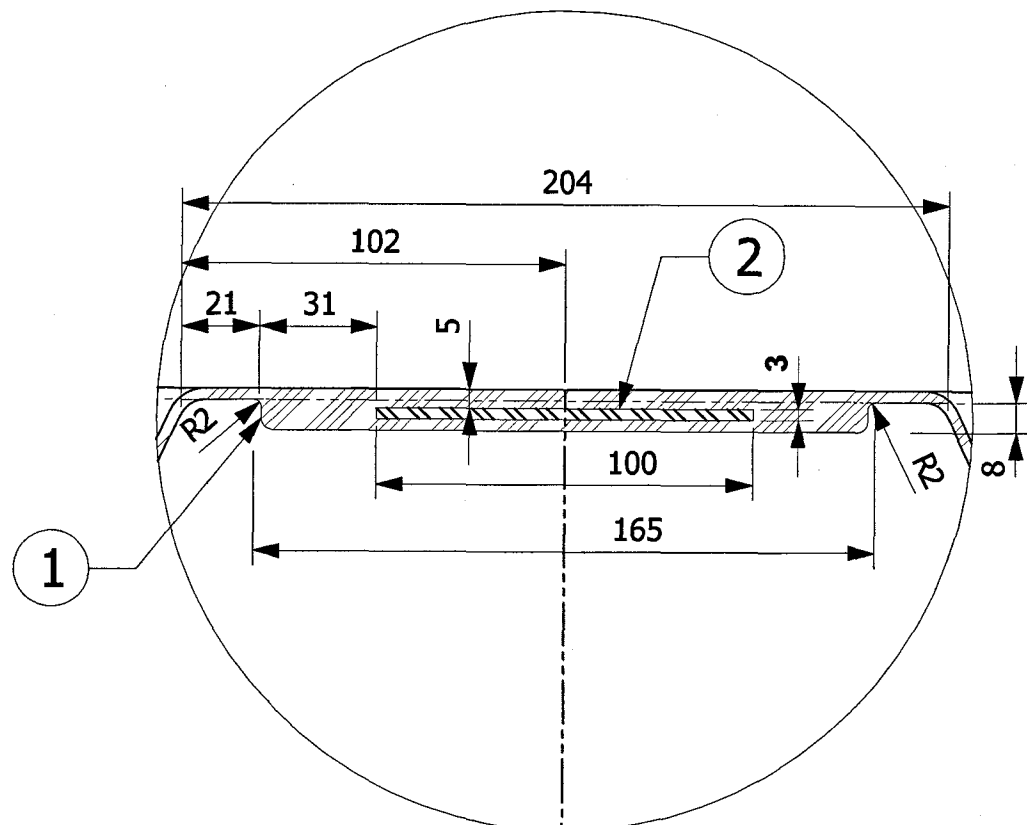
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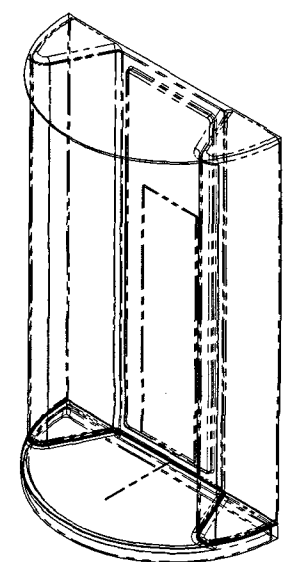
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NIL	NIL	NIL	NIL	NIL



SECTION A-A



DETAIL C
SCALE 1:2



ISO VIEW
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		2	BACK PIECE 3X100 X400		1	NIL		AISI 409		NIL		
		1	FRP COVER 8X165X585		1	NIL		MDTS-133		NIL		
WELD LENGTH		ITEM	DESCRIPTION & DIMENSIONS			QPASSLY	DETAIL DRG		MATL. & SPEC.		REMARKS	
NIL		M	GROUP LAVATORY & IT'S FITTINGS			SUPERSEDES: NIL						
WEIGHT		FILE	\\MI007922.prt (3D)									
3.520		KG	FRP COVERING FOR FIRE EXTINGUISHER					SCALE	SSE/REC	Jaganth		
S.AREA								1: 5	CHD	TPSI	Signature	
NIL		M ²							DRN	RAVI	Signature	
LENGTH / -DIA-												
NIL		M	RAIL COACH FACTORY, KAPURTHALA					REF.DRG.No.	NIL			
WIDTH / THICK			रेल कोच फैक्टरी कपूरथला				IRS		PL NO.		NIL	
NIL		M										
HEIGHT												
NIL		M	ADE/SME		Signature		CDE		DRG.NO.		MI007922	
							ALT.		NIL	SIZE	A2	SHEET 1/1