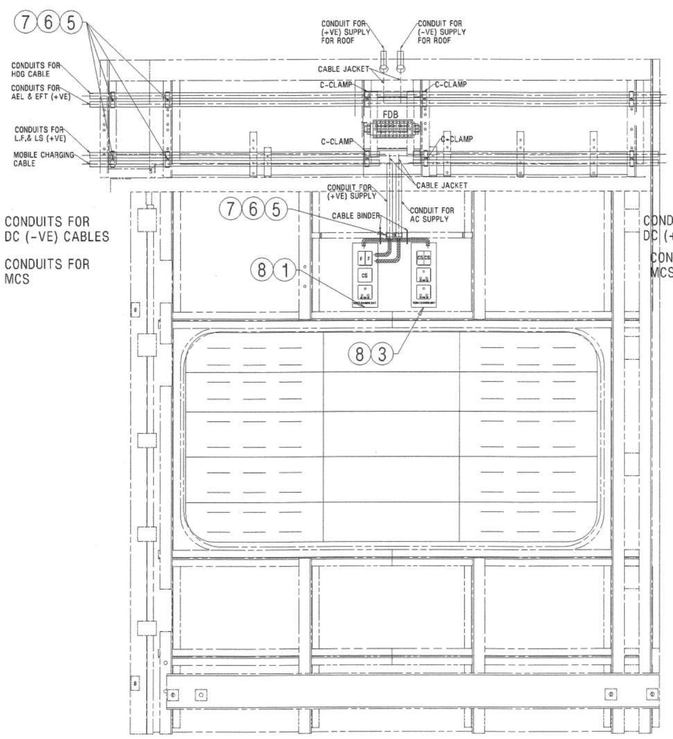
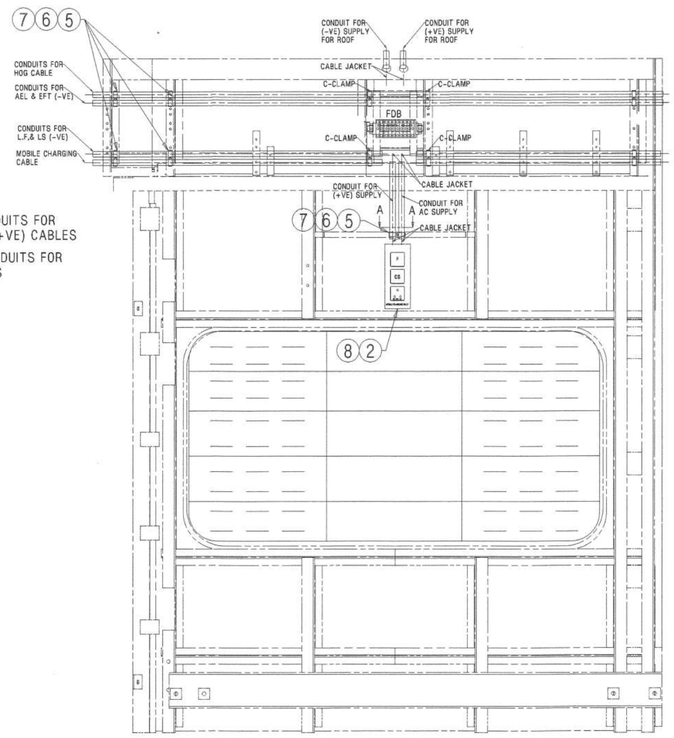
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
a	02/02/2026	ALL	1.BOM UPDATED & DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016



CONDUITS FOR DC (-VE) CABLES

CONDUITS FOR MCS

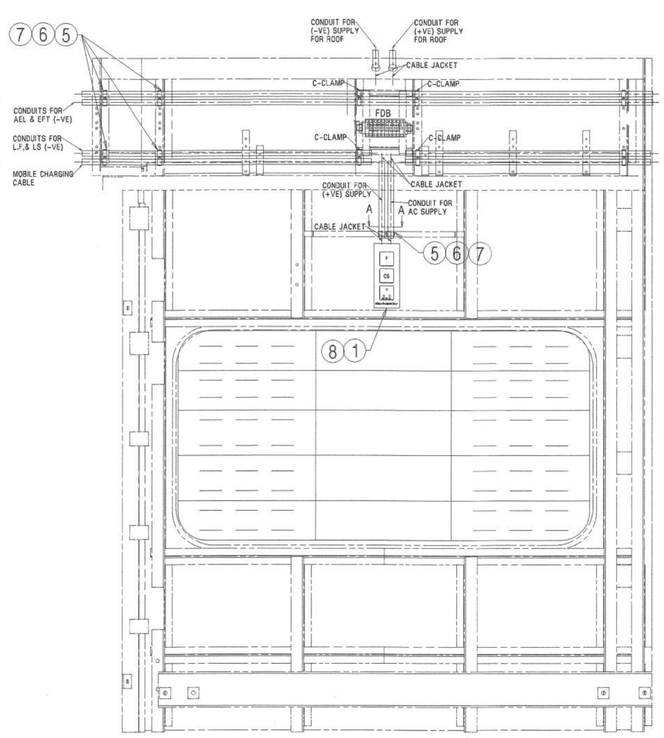
VIEW FROM-X



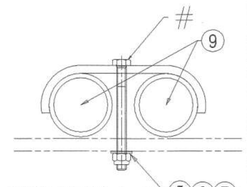
CONDUITS FOR DC (+VE) CABLES

CONDUITS FOR MCS

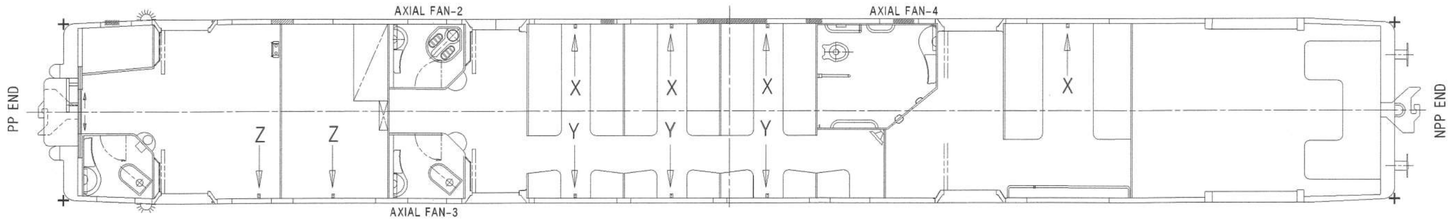
VIEW FROM-Y



VIEW FROM-Z



VIEW FROM A-A



REFERENCE DIAGRAM

12	CABLE BINDER	30	CC76129 ,ALT'A'	NIL	ITEM-2
11	AXIAL FAN SINGLE PHASE FOR LAVATORY	3	ICF/SK-7-6-177,ALT'A'	NIL	NIL
10	C-CLAMP	72	T-7-1-754	NIL	ALT-B, ITEM-4
9	RIGID PVC CONDUIT,FIRE RETARDENT,20MMX400MM,GREY COLOUR	18	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
8	PAN HEAD SELF TAPPING,SCREW ST-3.5X16-F	26	IS: 7173-89, TY-B	NIL	NIL
7	HEXAGONAL NUT M6, GALVD.	100	IS: 1363(P) -92.5	NIL	NIL
6	PLAIN WASHER 6.6, GALVD.	100	IS: 2016-67 TY-A,T-2	NIL	NIL
5	HEXAGONAL HEAD SCREW M6X40, GALVD.	100	IS: 1363(P2) -92,4.6	NIL	NIL
4	CABLE JACKET SYSTEM	30	EDTS-138	NIL	ITEM-5
3	SWITCH PLATE ASSEMBLY (CABIN SIDE)	4	EDML-170 REV-1	NIL	ITEM-3
2	SWITCH PLATE ASSEMBLY (CORRIDOR SIDE)	3	EDML-170 REV-1	NIL	ITEM-2
1	SWITCH PLATE ASSEMBLY (CABIN SIDE)	6	EDML-170, REV-1	NIL	ITEM-1

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR74004 ALT NIL		
WEIGHT	FILE	Z:\LR74004a.prt				
NIL KG	LAYOUT OF SWITCH INSTALLATION FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31-SEATER) COACH				SCALE	SSE/ED
S.AREA						CHD
NIL M^2						DRN
~~LENGTH/DIA~~	RAIL COACH FACTORY, KAPURTHALA				REF.DRG.No.	NIL
NIL M						
~~WIDTH/THICK.~~	रेल कोच फैक्टरी कपूरथला	IRS			PL NO.	NIL
NIL M					DRG.NO.	LR74004
HEIGHT	SEE/VD		DY.CEE/D		ALT.	a
NIL M					SIZE	A1
					SHEET	1/1

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA. THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER, RAIL COACH FACTORY, KAPURTHALA.

NOTE:-

#13.PVC CONDUITS SHALL NOT BE DAMAGED AT CLAMP LOCATIONS DUE TO OVER-TIGHTNESS OF CLAMPS.
12.NO GAPS SHOULD BE VISIBLE AFTER FIXING THE SWITCH PLATES ON SIDE WALL PANELS.
11.NO STRANDS SHOULD BE OUTSIDE THE WAGO CONNECTORS.
10.THE CABLE SHALL NOT BE BARE AFTER COMING OUT FROM PVC CONDUITS TO PREVENT DAMAGE OF INSULATION SHEATH OF CABLE AS PER EL/TL/056-1992.
9.CUTTING OF CABLE INSULATION SHALL BE DONE WITH PROPER TOOL TO AVOID LOSS OF STRANDS.
8.ONLY COMPETENT STAFF SHALL BE DEPUTED AS PER COMPETENCY CHART ISSUED BY EP FOR CUTING AND CRIMPING OF CABLES.
7.WORK INSTRUCTION FOR CRIMPING OF CABLES TO NO.EDW0006 SHALL BE ENSURED.
6.NO BARE CABLE SHALL COME IN CONTACT WITH CAR BODY
5.REFER TO SPECIFICATION & CODE OF PRACTICE FOR WIRING FOR 750V END-ON-GENERATION SYSTEM NO. ELPS/SPEC/EOG/01.
4.REFER TO CODE OF PRACTICE FOR TRAIN LIGHTING MAINTENANCE ON PREVENTION OF FIRES ON 110V DC SELF GENERATING COACHES NO.EL/TL/56-1992 & EL/TL/48,(REV-1)-2005.
3.REFER TO FERRULE NUMBER FOR MOBILE CHARGING WIRING TO EDTS-410,REV-NIL,AM-2 OR LATEST.
2.REFER DRG.NO.LR70032,ALT-'A'FOR WIRING DIAGRAM ARRANGEMENT FOR ROOF.
1.REFER DRG.NO.LR70031,ALT-'A'FOR SCHEMATIC DIAGRAM FOR ROOF WIRING.

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

DATE OF FIRST ISSUE 24/02/2021