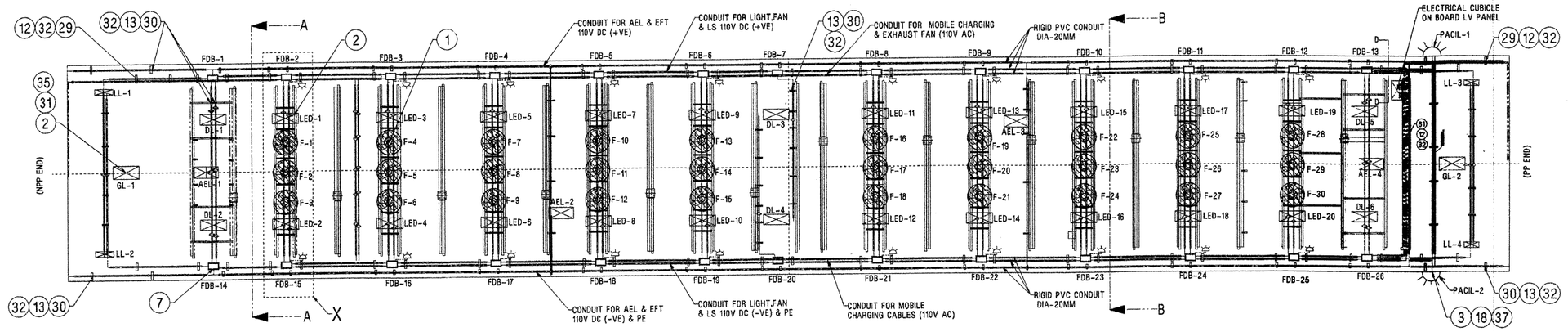
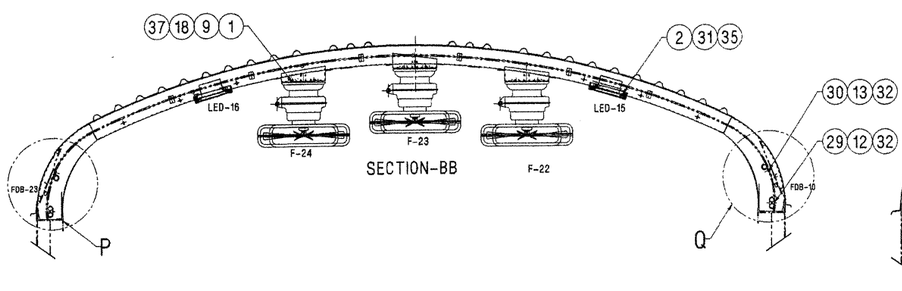
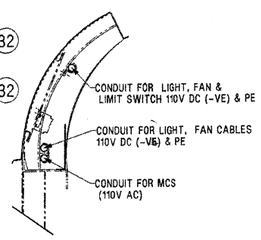
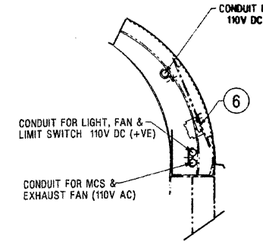
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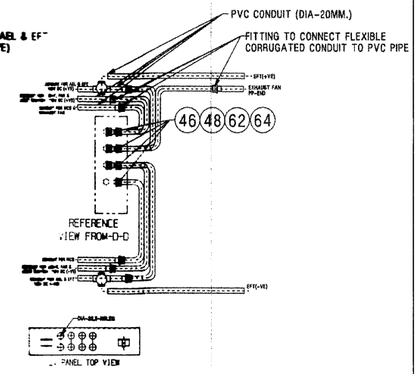


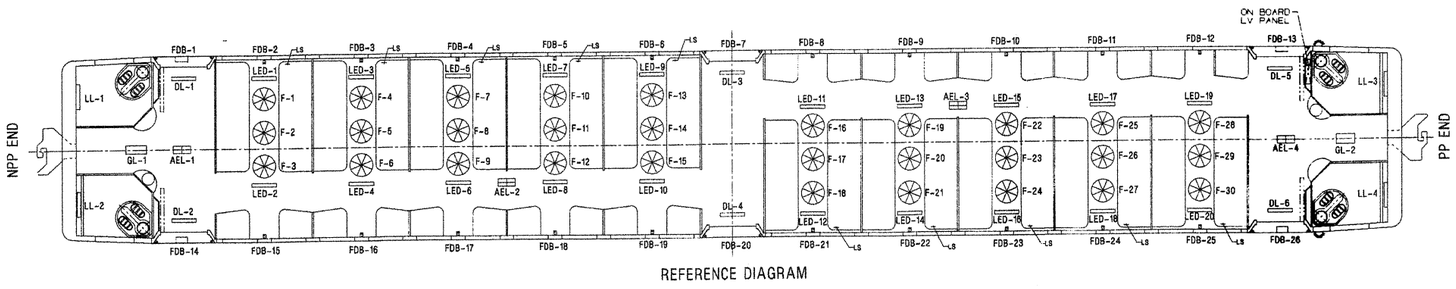


DETAIL-P



DETAIL-Q





REFERENCE DIAGRAM

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS	
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LG76107sl				
WEIGHT	FILE	\\...BMDC 38CC ELEC\LG76107slo.prt(2D)					
NIL KG		**ARRANGEMENT OF ROOF WIRING**			SCALE	SSE/ED	
S.AREA		**(FOR ANTYODAYA LHB EOG GS NON-AC COACH)**				CHD	
NIL M²						DRN	
~~LENGTH/DIA~~		RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No. NIL		
NIL M							
~~WIDTH/THICK.~~		रेलकोच फैक्टरी कपूरथला	IRS		PL NO.	NIL	
NIL M					DRG.NO.	LG76107	
HEIGHT							
NIL M		SEE/VD		BY.CEE/D	ALT.	0	SIZE A1 SHEET 1/2

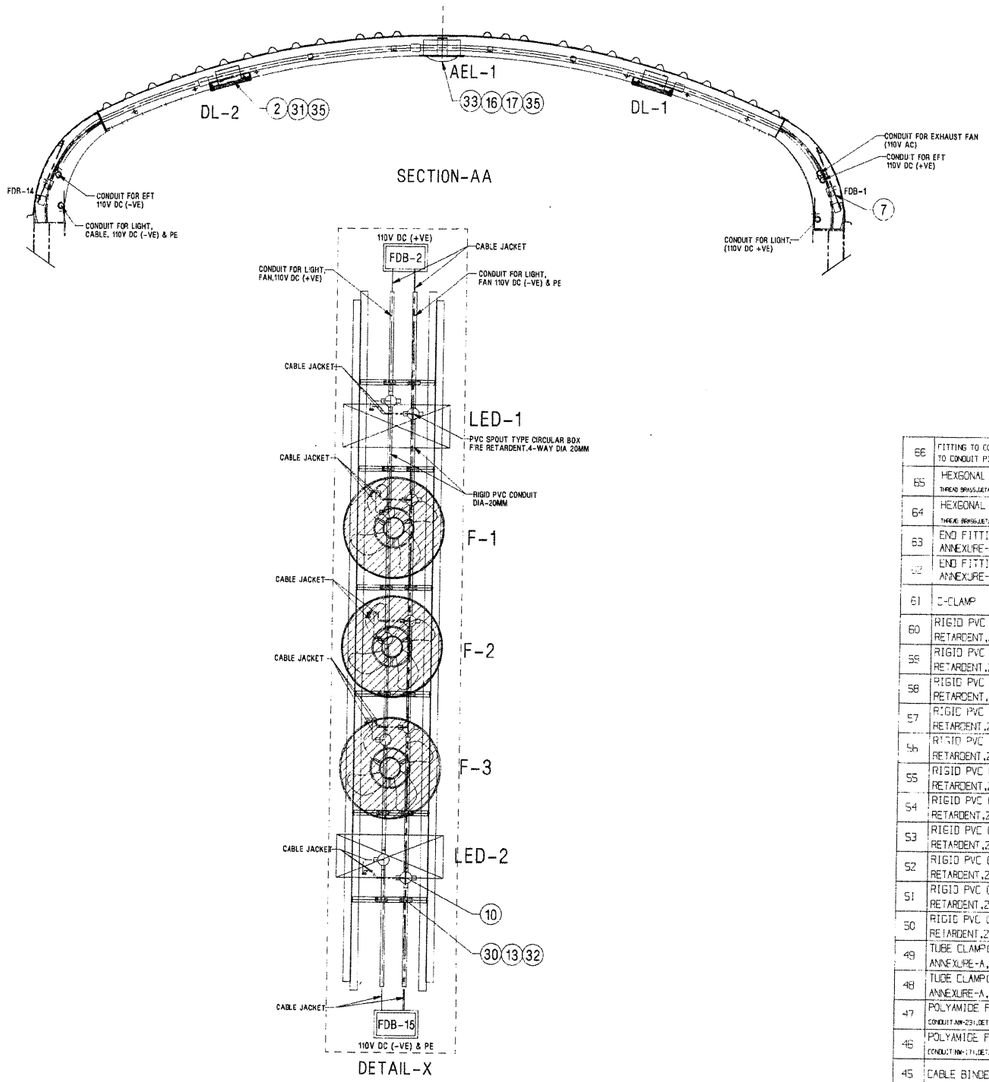
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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

DATE OF FIRST ISSUE 21/10/2016

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY



ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
0	22/12/2025	ALL	1.BOM UPDATED AND DRAWING MODIFIED ACCORDINGLY.	CR NO. 23002500016

43	CABLE BINDER	100	NIL	CC76129	ITEM-1
42	CABLE JACKET SYSTEM	10	NIL	EDTS-136	ITEM-9
41	CABLE JACKET SYSTEM	50	NIL	EDTS-136	ITEM-7
40	CABLE JACKET SYSTEM	50	NIL	EDTS-136	ITEM-5
39	CABLE JACKET SYSTEM	90	NIL	EDTS-136	ITEM-8
38	COPER CRIMPING SOKET FOR 4 SQ.MM E-BEAM COPPER CABLE	12	NIL	EDTS-201,REV 0, AM-3,COR-3,	ITEM-12 (M8.2)
37	SPRING WASHER M8,GALVD	90	IS: 3063-94, TY-B	NIL	FOR FAN
36	CHEESE HEADSCREW AMSX30.GALVD.	10	IS: 1366-82, 4.8,T-1	NIL	NIL
35	PLAIN WASHER S.S. GALVD	140	IS: 2016-67 T-2,TY-A	NIL	FOR LIGHT,AEL,PACIL
34	CHEESE HEADSCREW AMSX20.GALVD.	8	IS: 1366-82, 4.8,T-1	NIL	(FOR PACIL)
33	SAFETY LIGHTING UNIT FOR LHB TYPE COACHES(ONE COACH SET CONSISTING OF 64 NOS.UNITS)	1	EDTS-151 REV.C,AM-1&	NIL	NIL
32	PLAIN WASHER S.S. GALVD	200	IS: 2016-67 T-2,TY-A	NIL	NIL
31	PAN HEAD SELF TAPPING SCREW ST.4.8X76-F	120	IS: 7173-89 TY-F	NIL	FOR LIGHT
30	P-CLAMP	200	T-7-1-756	NIL	ITEM-3
29	C-CLAMP	60	T-7-1-754	NIL	ITEM-4
28	FRLT COTTON INSULATION TAPE CHOCOLATE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
27	FRLT COTTON INSULATION TAPE WHITE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
26	FRLT COTTON INSULATION TAPE GREEN	3	ICF/ELEC/ 921,REV.00	NIL	NIL
25	RUBBER GROMET A=25.4,E=5.0	2	IS: 5270-69, T-1,TY-2	NIL	FOR PACIL
24	PAN HEAD SELF TAPPING SCREW ST.4.8X20-F	24	IS: 7173-89 TY-F	NIL	NIL
23	FRLT COTTON INSULATION TAPE BLACK	3	ICF/ELEC/ 921,REV.00	NIL	NIL
22	FRLT COTTON INSULATION TAPE BLUE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
21	FRLT COTTON INSULATION TAPE YELLOW	3	ICF/ELEC/ 921,REV.00	NIL	NIL
20	FRLT COTTON INSULATION TAPE RED	3	ICF/ELEC/ 921,REV.00	NIL	NIL
19	HEXAGONAL HEAD SCREW M8X35,GALVD.	90	IS: 1363(P), -92,4.6	NIL	FOR FAN
18	SPRING WASHER M5,GALVD.	18	IS: 3063-94, TY-B	NIL	(FOR AEL,PACIL
17	CHEESE HEADSCREW AMSX12. GALVD.	8	IS: 1366-82, 4.8,T-1	NIL	FOR AEL
16	HEXAGONAL NUT M6, GALVD	260	IS: 1363(P3) -92,5	NIL	NIL
15	SPRING WASHER M6, GALVD	260	IS: 3063-94, TY-B	NIL	NIL
14	HEXAGONAL HEAD SCREW M6X40,GALVD	60	IS: 1363(P2) -92,4.6	NIL	NIL
13	HEXAGONAL HEAD SCREW M6X16,GALVD	700	IS: 1363(P2) -92,4.6	NIL	NIL
12	RUBBER GROMMET A=19,E=3.9	2	IS: 5270-69 T-1,TY-2	NIL	NIL
11	PVC SPOUT TYPE CIRCULAR BOX FIRE RETARDENT,4-WAY DIA 20MM	100	IS: 3419-76, T9,FIGE	NIL	NIL
10	RUBBER PACKING FOR FAN	30	RDF/SK-7-3-001	NIL	NIL
9	SET OF CAGE CLAMP TERMINAL FOR DOORWAY	7	CC72070	NIL	OF M/S WAGO
8	SET OF CAGE CLAMP TERMINAL FOR COMPARTMENT	6	CC72069	NIL	OF M/S WAGO
7	LED LIGHT FITTING FOR MIRROR & LAVATORY,TYPE-D,(9-WATT)	4	LW96092	NIL	(FOR-LAVATORY)
6	LED LIGHT FITTING FOR PASSENGER ALARM CHAIN INDICATION TYPE-I (5 WATT)	4	LW76098	NIL	(FOR-PACIL)
5	LED LIGHT FITTING FOR COMPARTMENT (CORRIDOR & GANGWAY AREA,TYPE-D(1.5-WATT)	2	CC76453	NIL	(FOR COMPARTMENT, DOORWAY & GANGWAY)
4	BRUSHLESS DC RAILWAY CARRIAGE FAN,110V,400MM SWEEP,FIXED TYPE	30	NIL	RDSO/PE/SPEC /TL/0021	(WORKING WITH BLDC FAN) (LESS WITH BLDC FAN)
3	FRLT COTTON INSULATION TAPE BLUE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
2	FRLT COTTON INSULATION TAPE YELLOW	3	ICF/ELEC/ 921,REV.00	NIL	NIL
1	FRLT COTTON INSULATION TAPE RED	3	ICF/ELEC/ 921,REV.00	NIL	NIL

66	FITTING TO CONNECT FLEXIBLE CORRUGATED TO CONDUIT PIPE ANNEXURE-A,TABLE A-14,S.NO.1	09	NIL	RDSO/PE/SPEC /AC/138-	-2013				
65	HEXGONAL LOCK NUT WITH PG-21 THREAD SPRAS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.4	09	NIL	RDSO/PE/SPEC /AC/138-	-2013				
64	HEXGONAL LOCK NUT WITH PG-16 THREAD REPRS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.4	07	NIL	RDSO/PE/SPEC /AC/138-	-2013				
63	END FITTING (PG-21),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.5	06	NIL	RDSO/PE/SPEC /AC/138-	-2013				
62	END FITTING (PG-16),DETAIL AT ANNEXURE-A,TABLE A 2,S.NO.5	07	NIL	RDSO/PE/SPEC /AC/139	-2013				
61	C-CLAMP	25	T-7-1-754	NIL	ITEM-3				
60	RIGID PVC CONDUIT FIRE RETARDENT,20MMX3000MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
59	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2500MM,GREY COLOUR	09	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
58	RIGID PVC CONDUIT FIRE RETARDENT,20MMX500MM,GREY COLOUR	92	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
57	RIGID PVC CONDUIT FIRE RETARDENT,20MMX6000MM,GREY COLOUR	06	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
56	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2500MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
55	RIGID PVC CONDUIT FIRE RETARDENT,20MMX500MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
54	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2000MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
53	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2000MM,GREY COLOUR	48	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
52	RIGID PVC CONDUIT FIRE RETARDENT,20MMX3000MM,GREY COLOUR	2	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
51	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2500MM,GREY COLOUR	4	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
50	RIGID PVC CONDUIT FIRE RETARDENT,20MMX3500MM,GREY COLOUR	04	IS: 9537-83, P3,CL.5.1.2	NIL	NIL				
49	TUBE CLAMP(NW-23),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.4	06	NIL	RDSO/PE/SPEC /AC/138-	-2003				
48	TUDE CLAMP(NW-17),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.3	06	NIL	RDSO/PE/SPEC /AC/138	-2003				
47	POLYAMIDE FLEXIBLE CONDUIT NW-23),DETAIL AT ANNEXURE-A,TABLE A-1.5,NO.4	10	NIL	RDSO/PE/SPEC /AC/138-	-2003				
46	POLYAMIDE FLEXIBLE CONDUIT NW-17),DETAIL AT ANNEXURE-A,TABLE A-1.5,NO.3	25	NIL	RDSO/PE/SPEC /AC/138-	-2003				
45	CABLE BINDER	100	NIL	CC76129	ITEM-3				
44	CABLE BINDER	100	NIL	CC76129	ITEM-2				

10.NO STRANDS SHOULD BE OUTSIDE THE WAGO CONNECTORS.
9.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.
8.CUTTING OF CABLE INSULATION SHALL BE DONE WITH PROPER TOOL.
7.ONLY COMPETENT STAFF SHALL BE DEPUTED AS PER COMPETENCY CHART ISSUED BY EP FOR CUTING AND CRIMPING OF CABLES.
6.WORK INSTRUCTION FOR CRIMPING OF CABLES TC NO. EDW0006 SHALL BE ENSURED.
5.NO BARE CABLE SHALL COME IN CONTACT WITH CAR BODY
4.REFER TO CODE OF PRACTICE FOR WIRING FOR 110V DC TRAIN LIGTING FOR EL/TL/48,(REV-II-2005 & ELPS/SPEC/EOG/01.
3.REFER TO FERRULE NUMBER FOR ROOFJUMPER & BRANCH WIRING TO EDTS-356,REV-C,COR-1,AM-1&2 OR LATES".
2.REFER DRG. NO. LG74106,ALT-"C" FOR LAYOUT OF SWITCH INSTALLATION.
1.REFER DRG. NO. LG76129,ALT-"B" FOR SCHEMATIC DIAGRAM FOR ROOF WIRING.

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008 | DATE OF FIRST ISSUE 21/10/2016

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASS.Y DETAIL DRG MATL. & SPEC. REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LG76107s2
WEIGHT	FILE	\\TBMXJ300\ELEC\LG76107s2a.prt(2D)	
NIL KG		ARRANGEMENT OF ROOF WIRING	SCALE SSE/ED
S.AREA		(FOR ANTYODAYA LHB EOG GS NON-AC COACH)	CHD
NIL M²			DRN
LENGTH/DIA		RAIL COACH FACTORY, KAPURTHALA	REF.DRG.No. NIL
NIL M		रेलकोच फैक्टरी कपूरथला IRS	PL NO. NIL
WIDTH/THICK.			DRG.NO. LG76107
NIL M			
HEIGHT			
NIL M		SEE/VD DY.CEE/D	ALT. a SIZE A3 SHEET 2/2