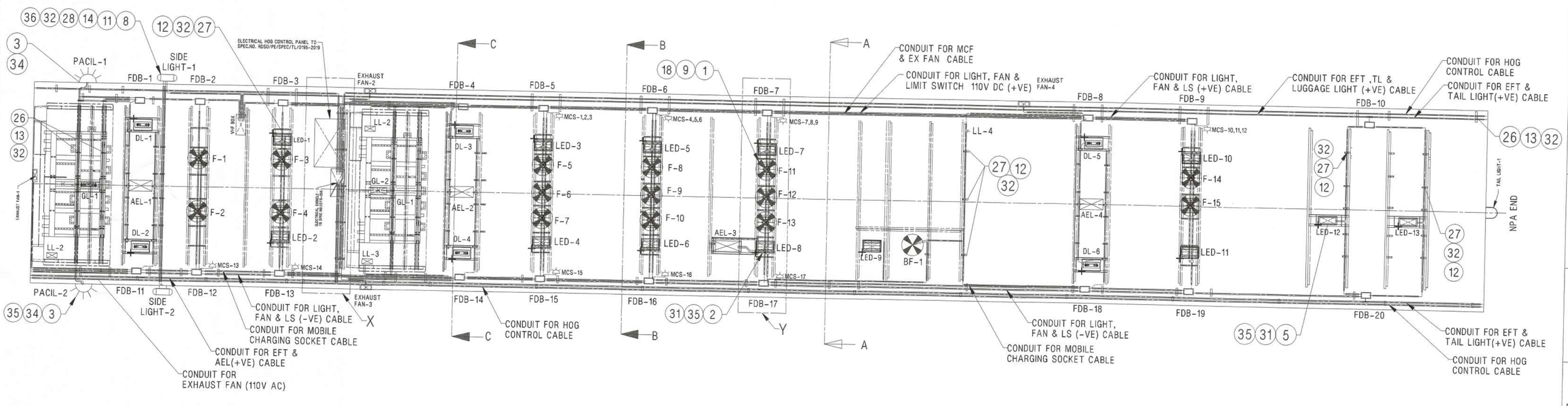
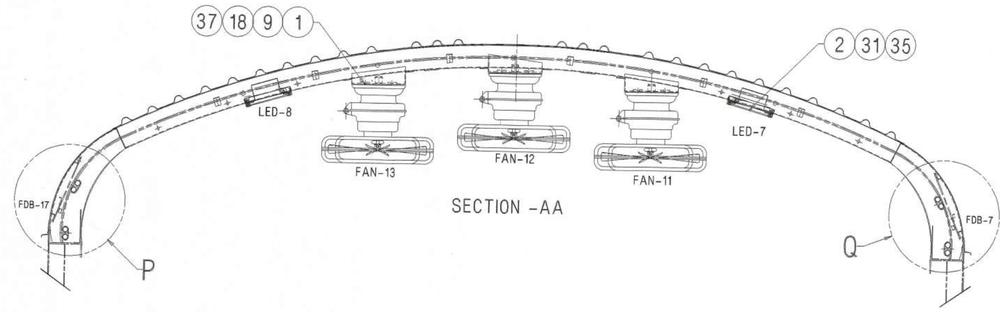
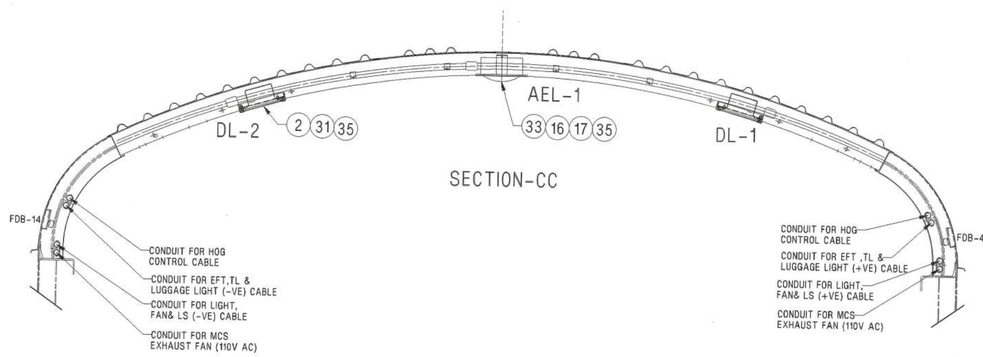
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY

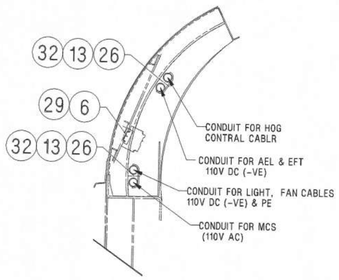




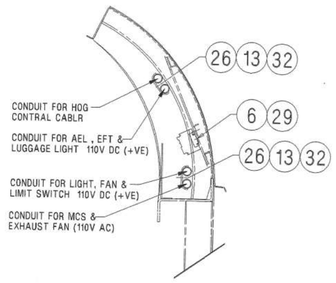
SECTION -AA



SECTION-CC



DETAIL-P



DETAIL-Q

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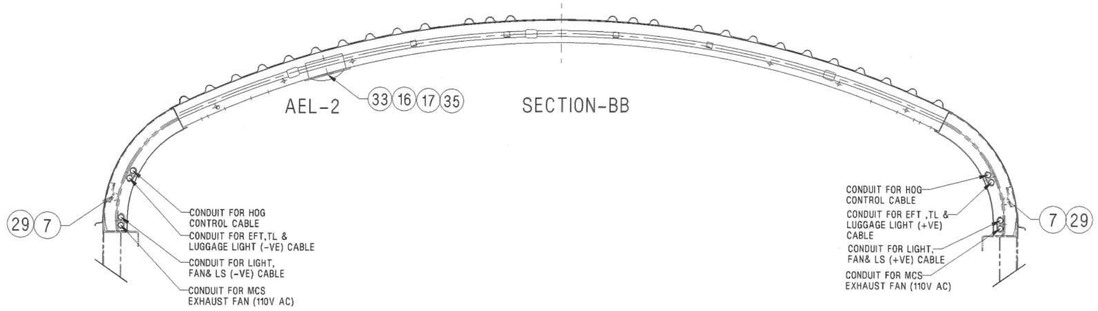
FOR UNTOLERANCED DIMENSIONS REFER MDG0008

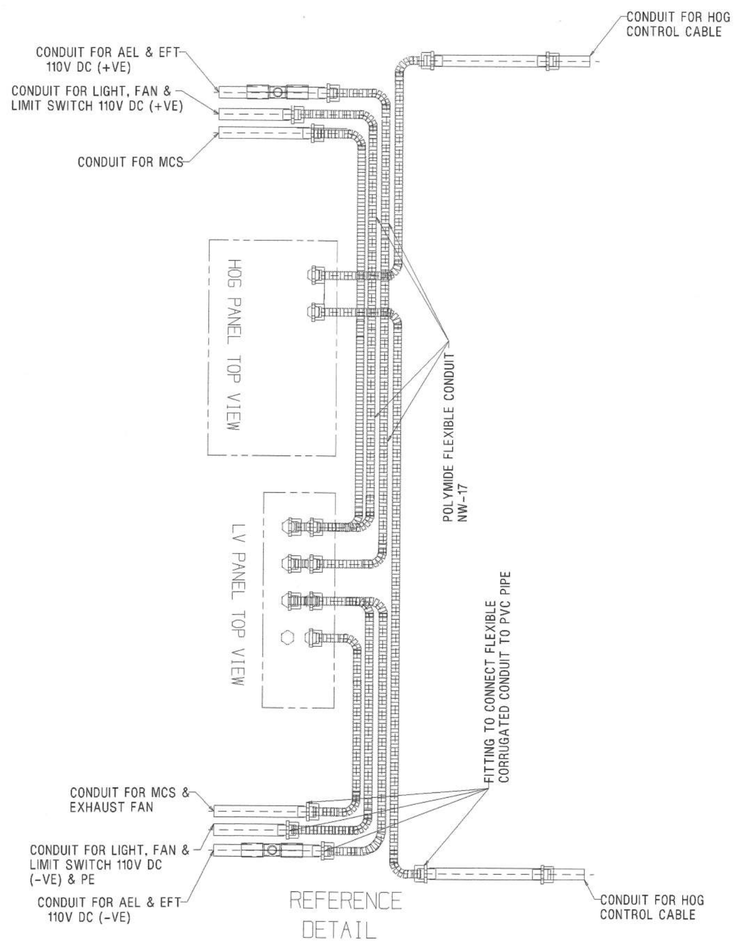
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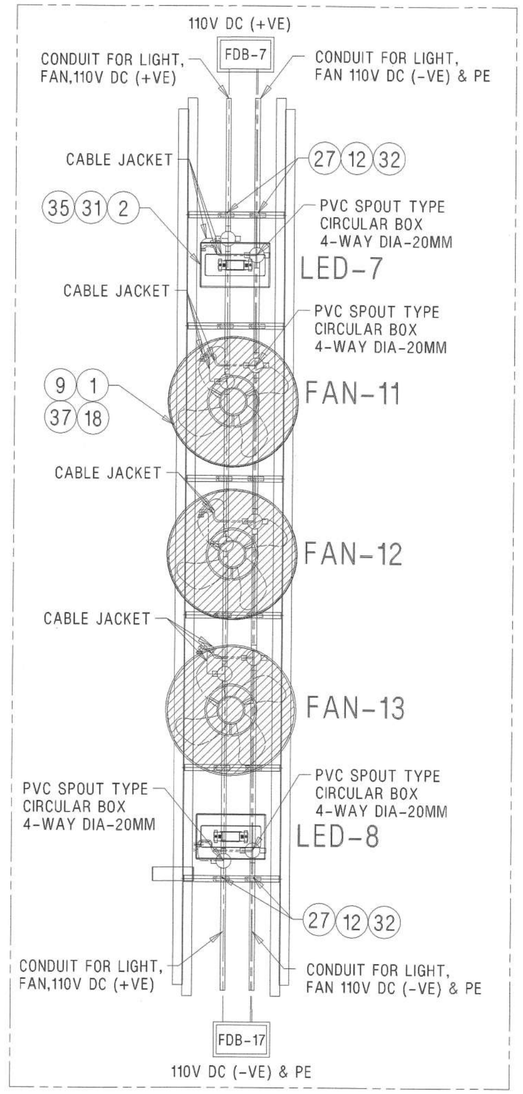
DATE OF FIRST ISSUE 01/03/2021

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR76004s1 ALT NIL		
WEIGHT	FILE	Z:\LR76004s1a.prt				
NIL KG		ARRANGEMENT OF ROOF WIRING (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~~		रेलकोच फैक्टरी कपूरथला	IRS		PL NO.	NIL
NIL M						
HEIGHT					DRG.NO.	LR76004
NIL M		SEE/VD		DY.CEE/D	ALT.	0 SIZE A1 SHEET 1/4

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY







DETAIL FROM-Y

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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:-
1. ALL DIMENSIONS IN MM.

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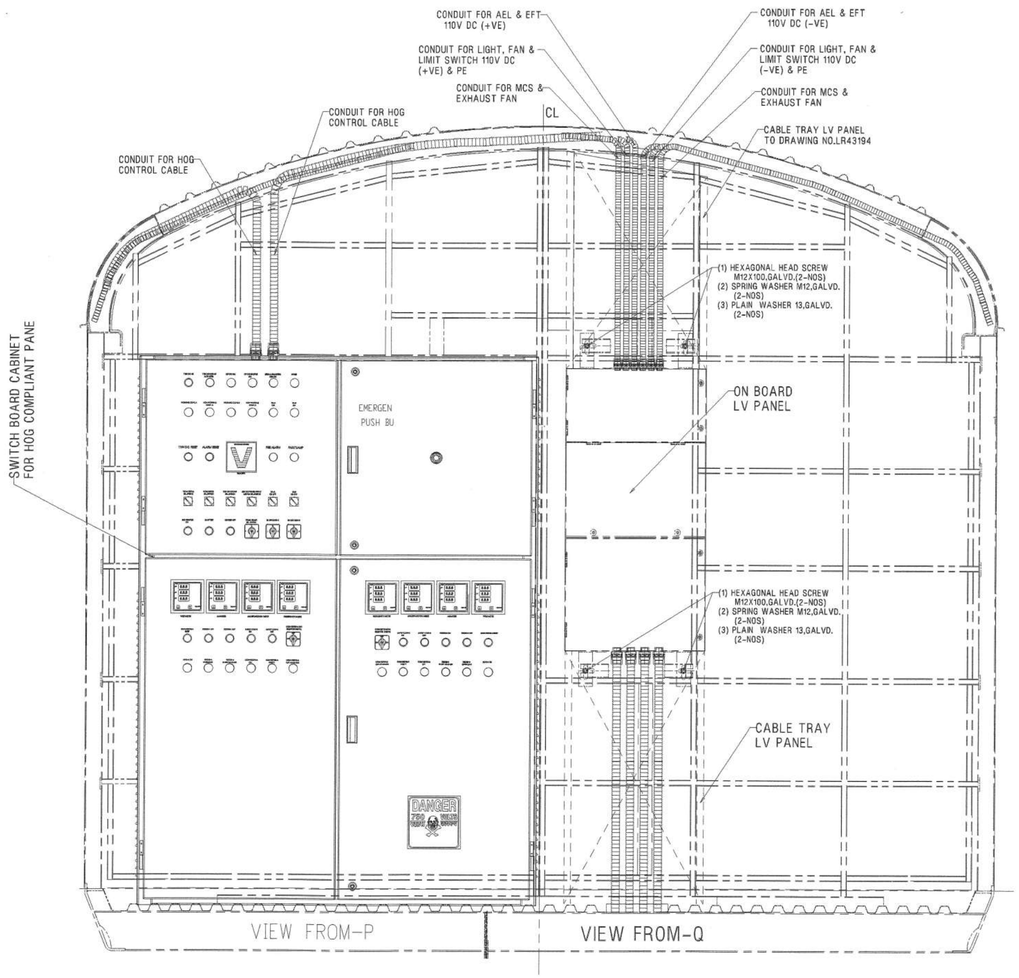
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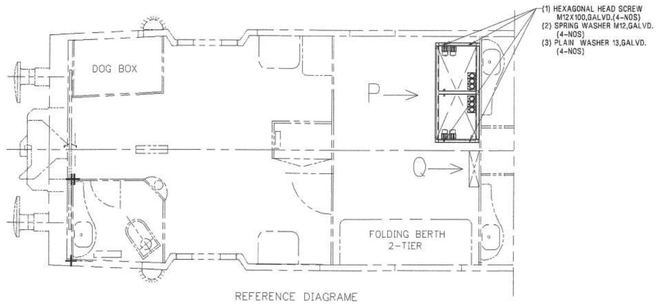
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DATE OF FIRST ISSUE 01/03/2021

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR76004s2 ALT NIL		
WEIGHT	FILE	Z:\LR76004s2a.prt				
NIL KG	ARRANGEMENT OF ROOF WIRING (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	रेलकोच फैक्टरी कपूरथला	IRS	PL NO.	NIL		
~~WIDTH/THICK.~~						
NIL M			DRG.NO.	LR76004		
HEIGHT	SEE/VD	DY.CEE/D	ALT.	a	SIZE A1	SHEET 2/4
NIL M						

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY





REFERENCE DIAGRAME

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LR76004s3 ALT NIL		
WEIGHT	FILE	Z:\LR76004s3a.prt				
NIL KG		ARRANGEMENT OF ROOF WIRING (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						
HEIGHT					DRG.NO.	LR76004
NIL M		SEE/VD		DY.CEE/D	ALT.	a SIZE A1 SHEET 3/4

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DATE OF FIRST ISSUE 01/03/2021

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
a	02/02/2026	ALL	1.BOM & DETAIL VIEW UPDATED	CR NO. 2300250016

69	FITTING TO CAONECT FLEXIBLE CORRUGATED TO CONDUIT PIPE ANNEXURE-A,TABLE A-14,S.NO.-1	16	NIL	RDSO/PE/SPEC/AC /138	-2009
68	4-WAY SOCKETED COUPLER FOR DIA-20MM PVC RIGID CONDUIT	50	SKED-947	NIL	ALT-A /LATEST
67	RAILWAY CARRIAGE FAN 225MMSWEEP WALL BRACKET 110V DC WITH CRASH WORTHY FEATURES AS PER IS6680-92	01	NIL	WITH RDSO,ANX-H -2005,RACF,AM-4	NIL
66	RIGID PVC CONDUIT FIRE RETARDENT,20MMX4000MM,GREY COLOUR	20	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
65	RIGID PVC CONDUIT FIRE RETARDENT,20MMX3400MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
64	RIGID PVC CONDUIT FIRE RETARDENT,20MMX2700MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
63	RIGID PVC CONDUIT FIRE RETARDENT,20MMX1550MM,GREY COLOUR	10	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
62	RIGID PVC CONDUIT FIRE RETARDENT,20MMX1500MM,GREY COLOUR	04	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
61	RIGID PVC CONDUIT FIRE RETARDENT,20MMX1300MM,GREY COLOUR	03	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
60	RIGID PVC CONDUIT FIRE RETARDENT,20MMX1200MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
59	RIGID PVC CONDUIT FIRE RETARDENT,20MMX1100MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
58	RIGID PVC CONDUIT FIRE RETARDENT,20MMX750MM,GREY COLOUR(BELL MOUTH AT ONE END)	20	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
57	RIGID PVC CONDUIT FIRE RETARDENT,20MMX900MM,GREY COLOUR	03	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
56	RIGID PVC CONDUIT FIRE RETARDENT,20MMX870MM,GREY COLOUR	04	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
55	RIGID PVC CONDUIT FIRE RETARDENT,20MMX800MM,GREY COLOUR	02	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
54	RIGID PVC CONDUIT FIRE RETARDENT,20MMX520MM,GREY COLOUR	19	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
53	RIGID PVC CONDUIT FIRE RETARDENT,20MMX380MM,GREY COLOUR	14	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
52	RIGID PVC CONDUIT FIRE RETARDENT,20MMX300MM,GREY COLOUR	18	IS: 9537-83, P3,CL.5.1.2	NIL	NIL
51	HEX. LOCK NUT PG THREAD BRASS(PG-21), DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.5	10	NIL	NIL	NIL
50	STRAIGHT PG METAL THREAD END FITTING(PG-21),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.5	10	NIL	RDSO/PE/SPEC/AC /0138-2009,R-1	NIL
49	TUBE CLAMP(NW-23),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.4	05	NIL	RDSO/PE/SPEC/AC /0138-2009,R-1	NIL
48	TUBE CLAMP(NW-17),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.3	05	NIL	RDSO/PE/SPEC/AC /0138-2009,R-1	NIL
47	POLYAMIDE FLEXIBLE CONDUIT(NW-23),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.4	30	NIL	RDSO/PE/SPEC/AC /0138-2009,R-1	NIL
46	POLYAMIDE FLEXIBLE CONDUIT(NW-17),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.3	25	NIL	RDSO/PE/SPEC/AC 0138-2009,R-1	NIL
45	CABLE BINDER 4.6X368	100	NIL	CAT.NO.KP1420	M/S
44	CABLE BINDER 3.6X200	100	NIL	CAT.NO.KP1400	M/S
43	CABLE BINDER 2.5X104	100	NIL	CAT.NO.KP138	M/S
42	CABLE JACKET SYSTEM	30	NIL	EDTS-138	ITEM-9
41	CABLE JACKET SYSTEM	50	NIL	EDTS-138	ITEM-7
40	CABLE JACKET SYSTEM	50	NIL	EDTS-138	ITEM-5
39	CABLE JACKET SYSTEM	20	NIL	EDTS-138	ITEM-11
38	CABLE JACKET SYSTEM	50	NIL	EDTS-138	ITEM-8
37	SPRING WASHER M8,GALVD	54	IS: 3063-94, TY-8	NIL	(FOR FAN)
36	CHEESE HEADSCREW AM6X30.GALVD.	8	IS: 1366-82, 4.8,T-1	NIL	(FOR SL)
35	PLAIN WASHER 5.5, GALVD	136	IS: 2016-67 T-2,TY-A	NIL	(FOR L,AEL,PACIL)
34	CHEESE HEADSCREW AM5X20.GALVD.	8	IS: 1366-82, 4.8,T-1	NIL	(FOR PACIL)
33	EMERGENCY LIGHTING UNIT FOR LHB NAC COACHES (ONE COACH SET CONSISTING OF 04 NOS. UNITS)	1	NIL	RDSO/PE/SPEC/AC /0180-2016,R-0	TYPE-II
32	PLAIN WASHER 6.6, GALVD	260	IS: 2016-67 T-2,TY-A	NIL	NIL
31	PAN HEAD SELF TAPPING SCREW ST.4.8X38-F	100	IS: 7173-89 TY-F	NIL	(FOR LED LIGHT)
29	PAN HEAD SELF TAPPING SCREW ST.4.8X20-F	24	IS: 7173-89 TY-F	NIL	NIL
28	RUBBER PACKING FOR SIDE-LIGHT	2	CC73096	NIL	NIL
27	P-CLAMP	200	T-7-1-756	NIL	ITEM-3
26	C-CLAMP	60	T-7-1-754	NIL	ITEM-4
25	FRLT COTTON INSULATION TAPE CHOCOLATE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
24	FRLT COTTON INSULATION TAPE WHITE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
23	FRLT COTTON INSULATION TAPE GREEN	3	ICF/ELEC/ 921,REV.00	NIL	NIL
22	FRLT COTTON INSULATION TAPE BLACK	3	ICF/ELEC/ 921,REV.00	NIL	NIL
21	FRLT COTTON INSULATION TAPE BLUE	3	ICF/ELEC/ 921,REV.00	NIL	NIL
20	FRLT COTTON INSULATION TAPE YELLOW	3	ICF/ELEC/ 921,REV.00	NIL	NIL
19	FRLT COTTON INSULATION TAPE RED	3	ICF/ELEC/ 921,REV.00	NIL	NIL
18	HEXAGONAL HEAD SCREW M6X35,GALVD.	45	IS: 1363(P1), -92,4.6	NIL	(FOR FAN)
17	SPRING WASHER M5,GALVD.	18	IS: 3063-94, TY-8	NIL	(FOR AEL,PACIL)
16	CHEESE HEADSCREW AM5X12. GALVD.	8	IS: 1366-82, 4.8,T-1	NIL	(FOR AEL)
15	HEXAGONAL NUT M6, GALVD	260	IS: 1363(P3) -92,5	NIL	NIL
14	SPRING WASHER M6, GALVD	260	IS: 3063-94, TY-8	NIL	NIL
13	HEXAGONAL HEAD SCREW M6X40,GALVD	60	IS: 1363(P2) -92,4.6	NIL	NIL
12	HEXAGONAL HEAD SCREW M6X16,GALVD	200	IS: 1363(P2) -92,4.6	NIL	NIL
11	RUBBER GROMMET A-19,E=3.9	2	IS: 5270-69 T-1,TY-2	NIL	(FOR SL)
10	PVC SPOUT TYPE CIRCULAR BOX FIRE RETARDENT.4-WAY DIA 20MM	65	IS: 3419-76, T9,F16E	NIL	NIL
9	RUBBER PACKING FOR FAN	15	RCF/SK- 7-3-001	NIL	NIL
8	SIDE LIGHT FITTING	2	SKEL-4094, RCF ALT-A	NIL	NIL
7	SET OF CAGE CLAMP TERMINAL FOR DOORWAY	8	CC72070	NIL	OF M/S WAGO OR EQUIVALENT FOR APPROVED MAKE.
6	SET OF CAGE CLAMP TERMINAL FOR COMPARTMENT	12	CC72069	NIL	OF M/S WAGO OR EQUIVALENT FOR APPROVED MAKE.
5	LED LIGHT FITTING FOR SLR COACHES,TYPE-J,9-WATT	2	CC76457 ALT-A	RDSO/PE/SPEC/TL /0091-2016,R-1	WITH RCF ANX.1,2&3
4	LED LIGHT FITTING FOR LAVATORY/MIRROR,TYPE-D,9-WATT	4	LW76092	RDSO/PE/SPEC/TL /0091-2016,R-1	WITH RCF ANX.1,2&3
3	LED LIGHT FITTING FOR PASSENGER ALARM CHAIN INDICATION, TYPE-I, 3-WATT	2	LW76098	RDSO/PE/SPEC/TL /0091-2016,R-1	WITH RCF ANX.1,2&3
2	LED LIGHT FITTING FOR COMPARTMENT,CORRIDOR & GANGWAY AREA,TYPE-B1,9-WATT	19	CC76453	RDSO/PE/SPEC/TL /0091-2016,R-1	WITH RCF ANX.1,2&3
1	BRUSHLESS DC RAILWAY CARRIAGE FAN,110V,400MM SWEEP,FIXED TYPE WITH FAN GUARD DRG.NO.ICF/SK-7-6-155, ALT-6	15	NIL	RDSO/PE/SPEC/TL /0021-2005,R-3	AM-1,WITH RCF ANEX-1

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 TO 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-1)-2005 & ELPS/SPEC/EOG/01.
3.REFER TO FERRULE NUMBER FOR ROOFJUMPER & BRANCH WIRING TO EDTS-410,REV-NIL,COR-1,AM-1& 2 OR LATEST.
2.REFER DRG.NO.LR74104,ALT-'A'FOR LAYOUT OF SWITCH INSTALLATION.
1.REFER DRG.NO.LR70031,ALT-'A'FOR SCHEMATIC DIAGRAM FOR ROOF WIRING.

NOTE:-

WELD LENGTH	NIL M	ITEM	DESCRIPTION & DIMENSIONS
WEIGHT	NIL KG	GROUP	ELECTRICAL
S.AREA	NIL M^2	FILE	Z:\LR76004s4a.prt
~~LENGTH/DIA~~	NIL M		
~~WIDTH/THICK.~~	NIL M		
HEIGHT	NIL M		

QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
SUPERSEDES:	LR76004s4 ALT NIL		

ARRANGEMENT OF ROOF WIRING (FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31-SEATER) COACH

RAIL COACH FACTORY, KAPURTHALA

SCALE	SSE/ED
	CHD
	DRN

REF.DRG.No. NIL

रेल कोच फैक्टरी कपूरथला | IRS

PL NO. NIL

DRG.NO. LR76004

ALT. a | SIZE A1 | SHEET 4/4

SEE/VD | DY.CEE/D

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