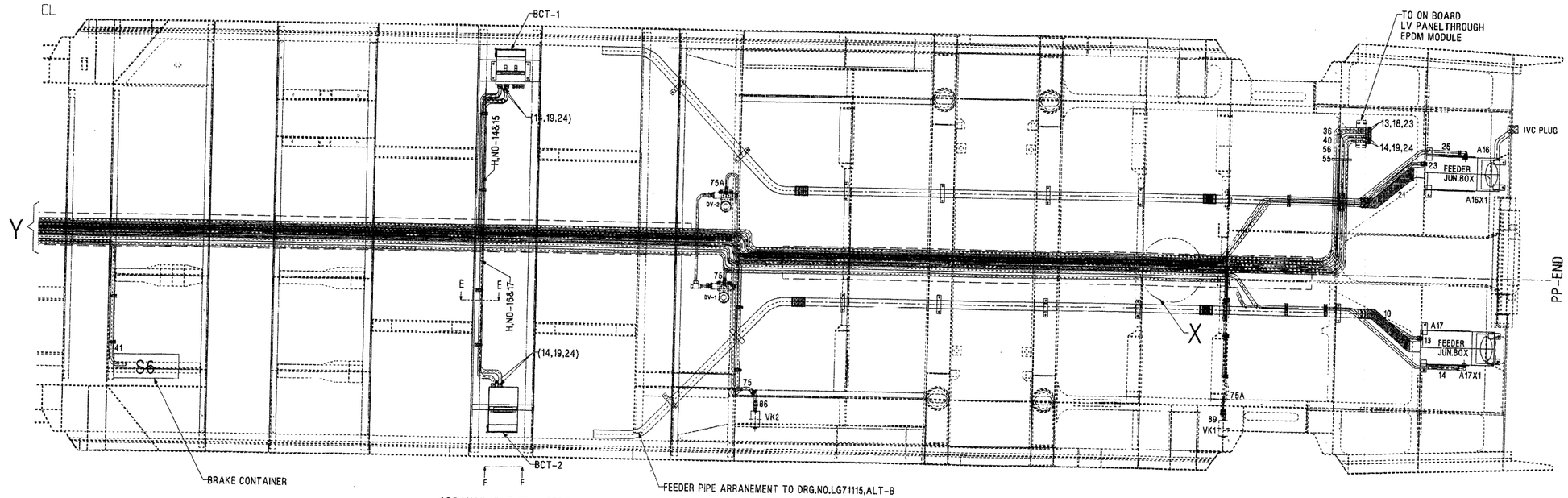
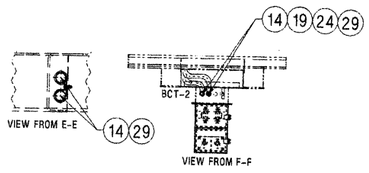
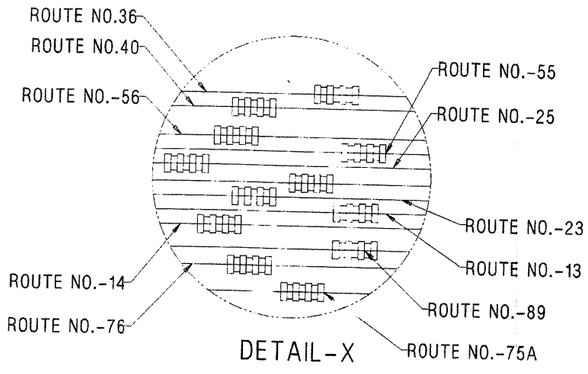


ARRANGEMENT OF UNDERFRAME WIRING





NOTE:-
1. REFER DRG. NO. LG70131,ALT-'B' FOR BLOCK AND WIRING DIAGRAM & HARNESS CHART FOR UNDERFRAME.
2. REFER TO FERRULE NUMBER FOR UNDERFRAME WIRING TO EDTS-356,REV-C,COR-1,AM-1&2 OR LATEST.
3. REFER 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.
4. REFER SPECIFICATION & CODE OF PRACTICE FOR WIRING FOR 750V END-ON-GENERATION SYSTEM TO NO. ELPS/SPEC/EOG/01.
5. REFER WORK INSTRUCTION FOR APPLICATION OF FIRE BARRIER IN LHB AC & NON-AC COACHES TO EDW0036,VERSION-1.0.
6. REFER WORK INSTRUCTION FOR CRIMPING OF CABLE ENDS & CABLE TERMINATIONS TO EDW0006,VERSION-0.1.
7. REFER WORK INSTRUCTION FOR TEST OROCEDUHE FOR TIGHTENING TORQUE OF HARDWARES FOR UNDERFRAME MOUNTED EQUIPMENTS IN LHB AC & NON-AC COACHES TO EDW0035,VERSION-1.0.

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WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LG71107slb			
WEIGHT	FILE	\\18\...3800\ELFC\LG71107slc.prt (20)				
NIL KG						
S.AREA		ARRANGEMENT OF UNDERFRAME WIRING			SCALE	SSE/ED
NIL M²		(FOR LHB EOG NON-AC ANTYODAYA & DEENDAYALU GS COACH)			CHD	
LENGTH/DIA					DRN	
NIL M		RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No. NIL	
WIDTH/THICK.						
NIL M		रेलकोच फैक्टरी कपूरथला	IRS		PL NO.	NIL
HEIGHT						
NIL M		SEE/VD		DY.CEE/D	DRG.NO.	LG71107
					ALT. C	SIZE A1 SHEET 1/2

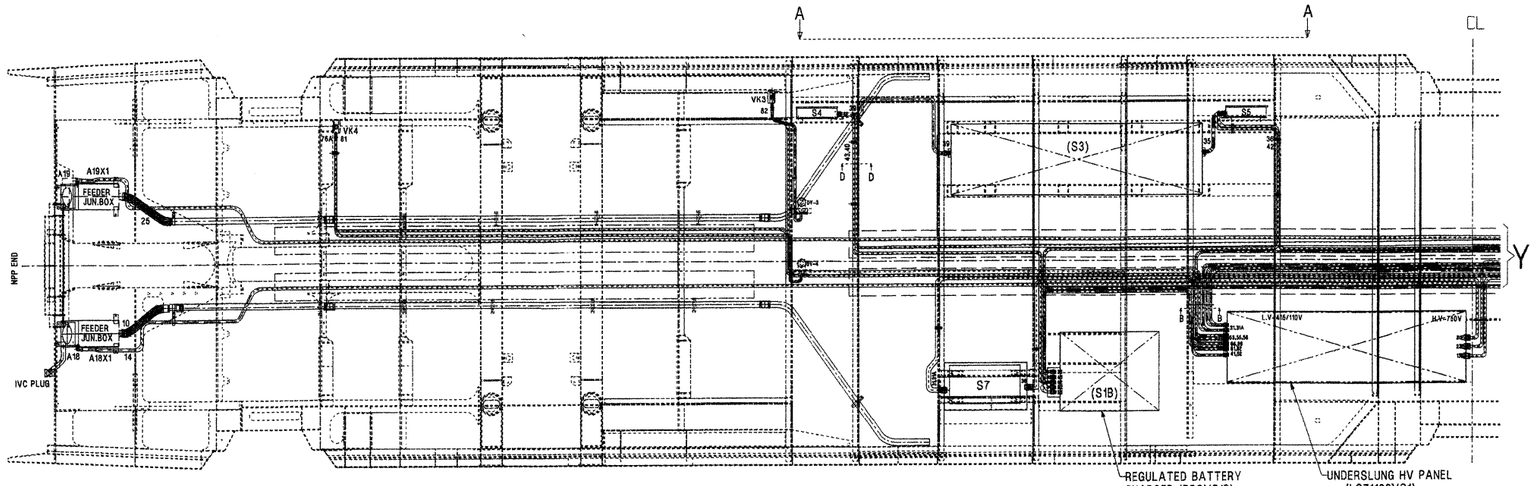
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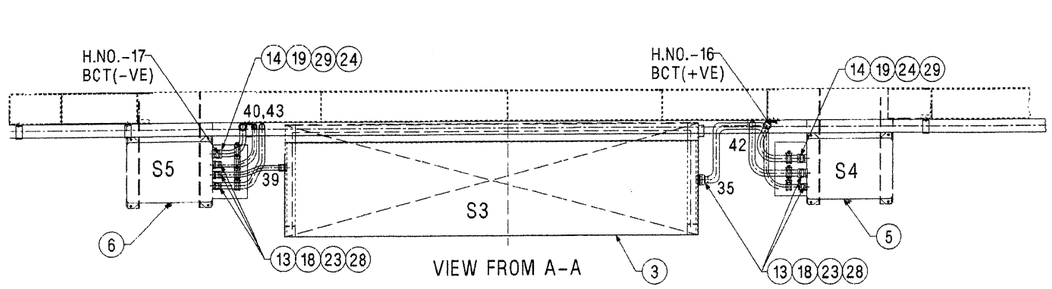
FOR UNTOLERANCED DIMENSIONS REFER MDG0008

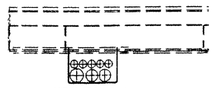
DATE OF FIRST ISSUE 21/10/2016

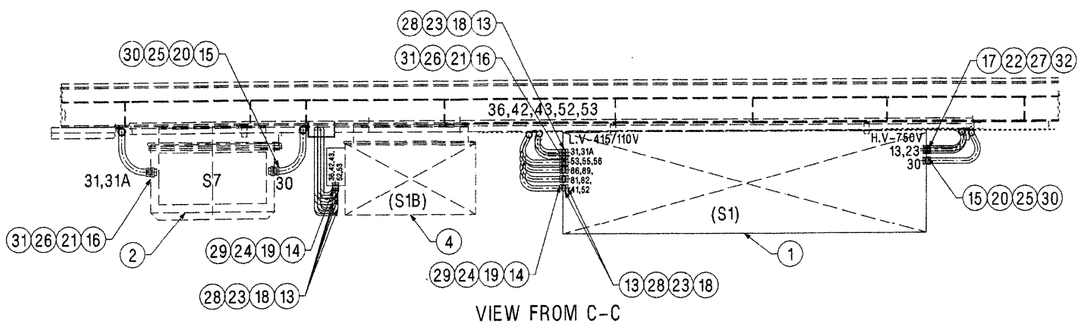
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
C	22/12/2025	ALL	1. BOM UPDATED & DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016



ARRANGEMENT OF UNDERFRAME WIRING









ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
33	PG THREAD PLUG SCREW, PG-16, DETAIL AT ANNEXURE-A, TABLE A-18,S.NO.4	05	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
32	TUBE CLAMP(NW-48 ,DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.7	15	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
31	TUBE CLAMP(NW-36 ,DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.7	25	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
30	TUBE CLAMP(NW-29 ,DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.6	15	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
29	TUBE CLAMP(NW-23 ,DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.4	32	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
28	TUBE CLAMP(NW-17 ,DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.3	20	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
27	HEXGONAL LOCK NUT WITH PG-48 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.8	02	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
26	HEXGONAL LOCK NUT WITH PG-36 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.7	02	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
25	HEXGONAL LOCK NUT WITH PG-29 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.6	03	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
24	HEXGONAL LOCK NUT WITH PG-21 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.5	20	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
23	HEXGONAL LOCK NUT WITH PG-16 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.4	26	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
22	END FITTING (PG-48),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.8	02	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
21	END FITTING (PG-36),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.7	02	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
20	END FITTING (PG-29),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.6	03	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
19	END FITTING (PG-21),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.5	20	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
18	END FITTING (PG-16),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.4	26	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
17	POLYAMIDE FLEXIBLE CONDUIT (NW-48),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.7	25	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
16	POLYAMIDE FLEXIBLE CONDUIT (NW-36),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.6	04	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
15	POLYAMIDE FLEXIBLE CONDUIT (NW-29),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.5	16	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
14	POLYAMIDE FLEXIBLE CONDUIT (NW-21),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.4	59	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
13	POLYAMIDE FLEXIBLE CONDUIT (NW-17),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.3	200	NIL	RDSO/PE/SPEC/AC 0138-2009,REV-I	REFERRED IN EDTS-356,REV-D
12	BATTERY CHARGING TERMINAL(BCT)	01	CC75082,ALT-B	NIL	OR LATEST
11	BATTERY CHAREING TERMINAL BOX WITH 40A HRC FUSE	01	ICF/SK3-77-1 -005	NIL	NIL
10	EPDM MODULAR BASED CABLE/CONDUIT SEALING SYSTEM FOR ON BOARD PANEL	01	NIL	EDML-228 LATEST	NIL
9	WHEEL SET EARTHING EQUIPMENT	02	NIL	EDTS-101, LATEST	NIL
8	FEEDER JUNCTION BOX FOR LHB TYPE EOG COACHES.	01	NIL	EDTS-328,REV-C, AM-7	CORR-5 TYPE-2
7	25 COUPLING 500A,750V,3 PHASE,50HZ.	01	NIL	RDSO/PE/SPEC/AC 0177-2013,REV-I	CORR-1,PCF ANX-A
6	BATTERY FUSE BOX -VE)	01	LW71002,ALT-K	NIL	OR LATEST
5	BATTERY FUSE BOX -VE)	01	LW71001,ALT-J	NIL	OR LATEST
4	REGULATED BATTERY CHARGER	01	NIL	RDSO/PE/SPEC/AC 0183-2024,REV-2	NIL
3	110V,120AH, VRLA SMF BATTERY SET WITH 19 MONO BLOCKS 6V EACH FACTORY PRECHARGED	01	NIL	RDSO/PE/SPEC/AC 0009-REV-2-2014	WITH MODIFIED TRAY AS PER SKD-84
2	9 KVA TRANSFORMER,750V AC/415V AC/110V AC,3-PHASE DRY TYPE DISTRIBUTION TRANSFORMER FOR LHB AC	01	NIL	RDSO/PE/SPEC/TL 0156-2010	(REV-01,TYPE-I
1	SET OF PANELS (FOR LHB EOG NON-AC COACHES)	01	NIL	EDTS-355 (LATEST)	NIL

WELD LENGTH	NIL M	SUPERSEDES:	LG71107s2.b
WEIGHT	NIL KG	FILE	\\IBMX3800\ELEC\LG71107s2c.prt (2D)
S.AREA	NIL M²	ARRANGEMENT OF UNDERFRAME WIRING	SCALE SSE/ED
~~LENGTH/DIA~~	NIL M	(FOR LHB EOG NON-AC ANTYODAYA & DEENDAYALU GS COACH)	CHD DRN
~~WIDTH/THICK.~~	NIL M	RAIL COACH FACTORY, KAPURTHALA	REFDRG.No. NIL
HEIGHT	NIL M	रेलकोच फैक्टरी कपूरथला IRS	PL NO. NIL
		SEE/VD DY.CEE/D	DRG.NO. LG71107
			ALT. C SIZE A1 SHEET 2/2

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DATE OF FIRST ISSUE 21/10/2016