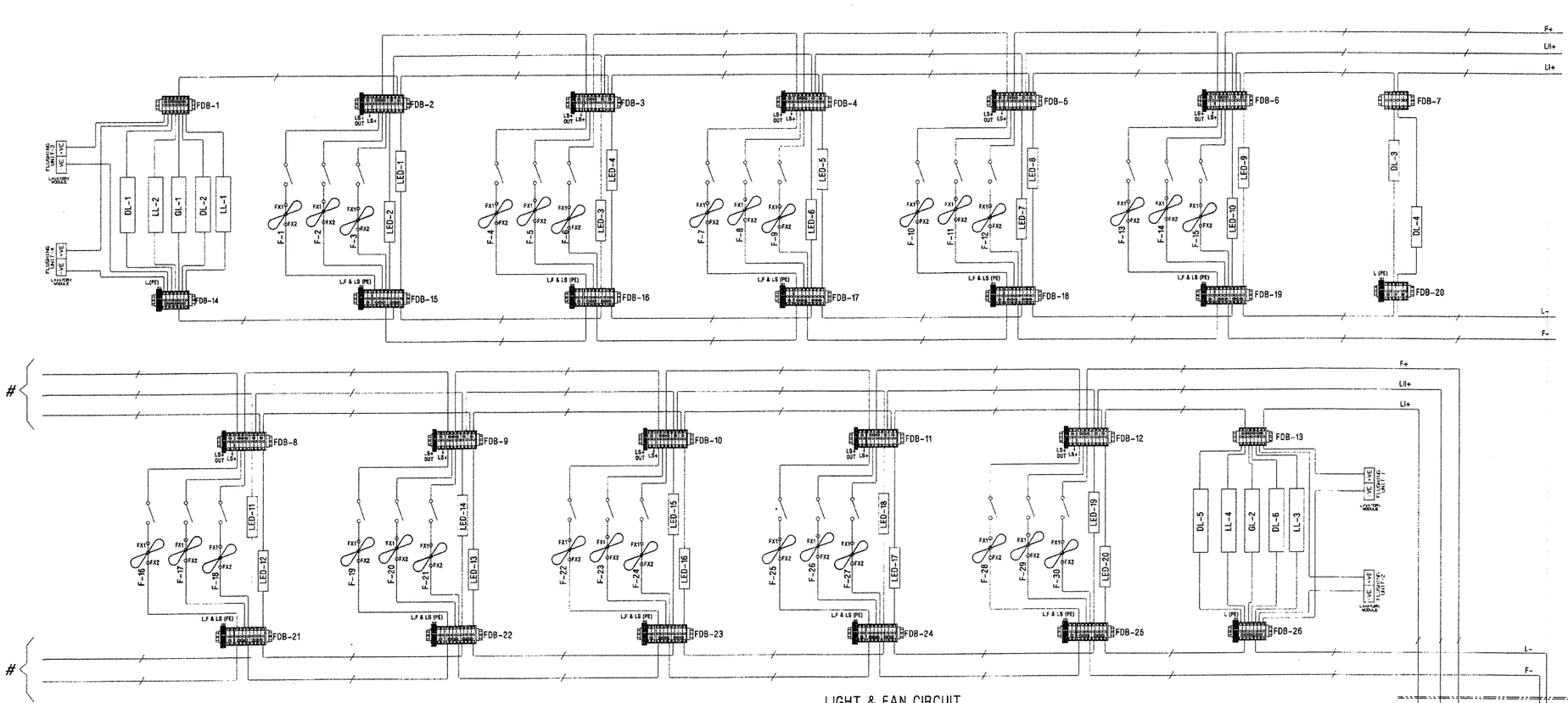
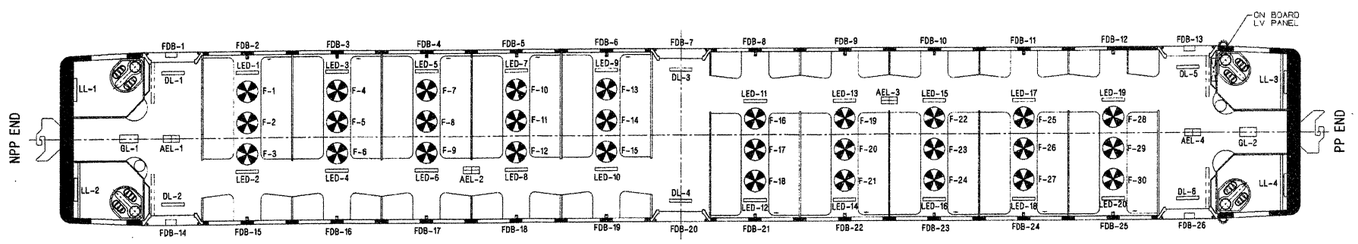
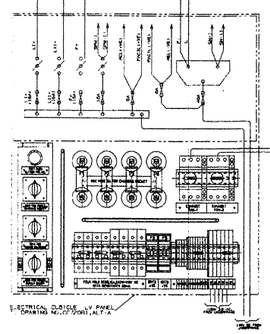
ALT. NO	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY



LIGHT & FAN CIRCUIT



REFERENCE DIAGRAM



WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL			NIL	NIL	NIL	NIL
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LG70132820			
WEIGHT	FILE	D:\Antyoda_3_ GS\LG70132s1b.prt				
NIL KG						
S.AREA		WIRING DIAGRAM ARRANGEMENT FOR ROOF			SCALE	SSE/ED
NIL M2		(FOR LHB EOG GS ANTYODAYA/DEEN DAYALU NON-AC COACH)				CHD
~~LENGTH/DIA~~						DRN
NIL M		RAIL COACH FACTORY, KAPURTHALA			REF.DRG.NO.	NIL
~~WIDTH/THICK.~~		रेलकोच फैक्टरी कपूरथला IRS			PL NO.	NIL
NIL M					DRG.NO.	LG70132
HEIGHT		SEE/VD		DY.CEE/D	ALT.	b
NIL M					SIZE	A
					SHEET	1/2

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

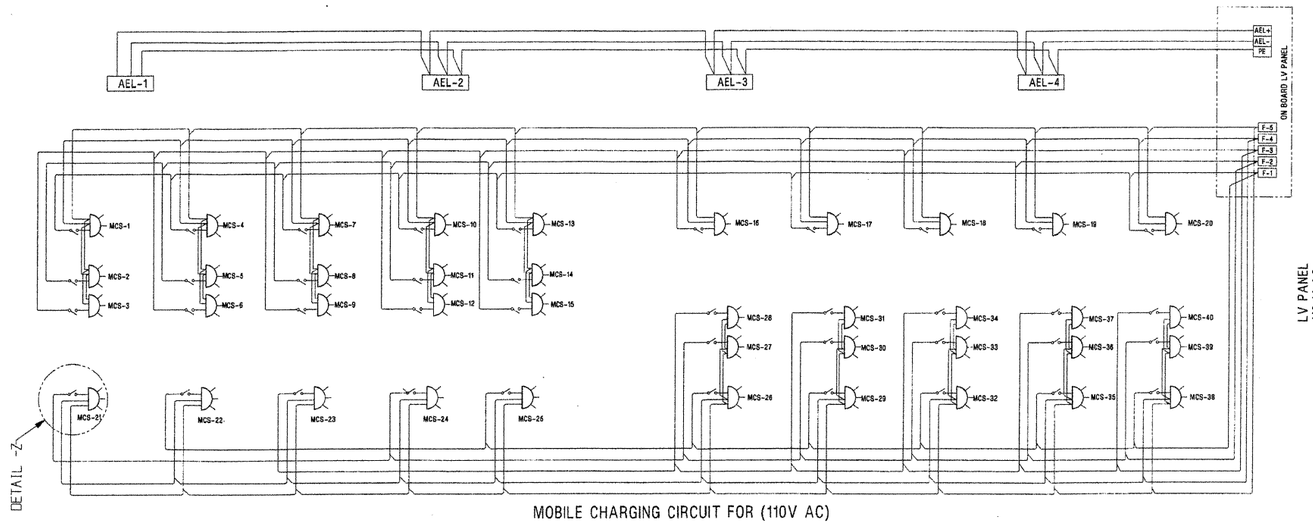
DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

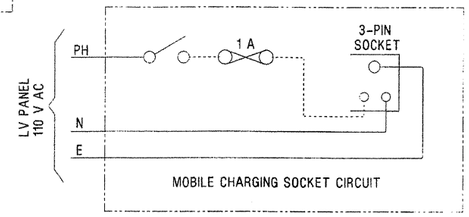
DATE OF FIRST ISSUE 20/10/2016

(10)

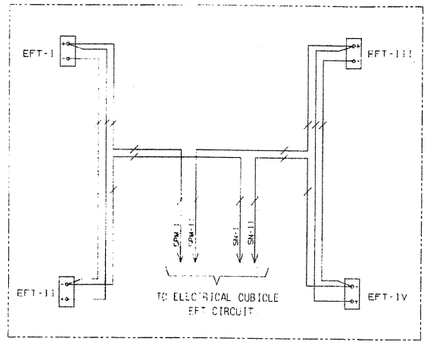
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
b	22/12/2025	ALL	1.WATER FILTER SYSTEM CIRCUIT DELETED 2.MCS CIRCUIT UPDATED. 3.ABBREVIATION & LOAD CHART UPDATED AND DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016



MOBILE CHARGING CIRCUIT FOR (110V AC)



DETAIL-Z



EMERGENCY FEED TERMINAL

CABLE SIZE

CABLE SIZE	SYMBOL	SPECIFICATION
1.5 SQ.MM.THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V.	———	ELRS/SPEC/ELC/0019 REV-3
4 SQ.MM.THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V.	——/——	

LOAD ON INDIVIDUAL CIRCUIT (110V DC)

CIRCUIT	CONNECTED LOAD	LOAD IN WATTS	LOAD IN CURRENT
L-I	LED-1,4,5,8,9,11,14,15,18,19 DL-1,2,3,4,5,6 GL-1,2 LL-1,2,3,4	198	1.8A
L-II	LED-2,3,6,7,10,12,13,16,17,20	90	0.81A
F	FAN-1 TO FAN-30	1140	10.36A
PACIL	PACIL-1,2	06	0.05A
AEL	AEL-1,2,3,4	40	0.36A
FUS	FLUSHING UNIT SYSTEM (1 TO 4)	50	0.45A
	TOTAL	1524	13.8A

ABBREVIATION & LOAD CHART (110V AC)

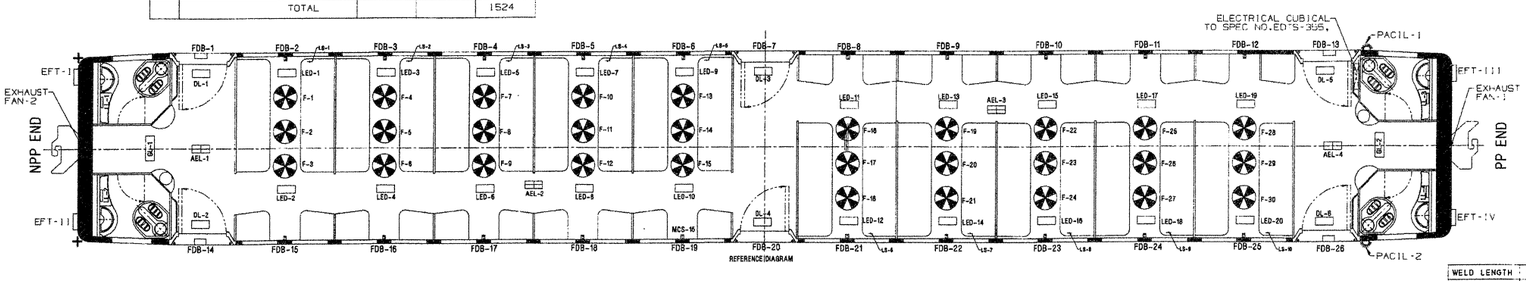
PH	MOBILE CHARGING SOCKET	OPC	WATTAGE	LOAD IN WATTS	LOAD IN CURRENT
R	MCS-1,4,7,10,13,17,20,22,25,26,29,32,35,38	14	15	210	1.9A
Y	MCS-3,5,8,11,14,18,21,24,27,30,33,36,39	13	15	195	1.77A
B	MCS-3,6,9,12,15,16,18,23,28,31,34,37,40	13	15	195	1.77A
	TOTAL	40		600	5.45A

ABBREVIATION & LOAD CHART (110V DC)

CODE	DESCRIPTION	WATTAGE	QTY PER COACH	LOAD IN WATTS
CLED	COMPARTMENT LED LIGHT	09	20	180
DL	DOOR WAY LIGHT (LED TYPE)	09	06	54
GL	GANGWAY LIGHT (LED TYPE)	09	02	18
LL	LAVATORY LIGHT (LED TYPE)	09	04	36
PACIL	PASSENGER ALARM COACH INDICATION LIGHT	03	2	06
AEL	ACCIDENTAL EMERGENCY LIGHT	10	04	40
F	FAN	38	30	1140
FUS	FLUSHING UNIT SYSTEM	12.5	04	50
	TOTAL			1524

ABBREVIATION & LOAD CHART 3-PHASE ,190V AC

CIRCUIT	CONNECTED LOAD	OPC	WATTAGE	LOAD IN WATTS	LOAD IN CURRENT
EX,F	EXHAUST BLOWERS FANS	02	200	400	1.52
	TOTAL			400	1.52A



NOTE:-

1. REFER DRG. NO. LG70129,ALT-'B' FOR SCHEMATIC DIAGRAM FOR ROOF WIRING.
2. REFER DRG. NO. LG74106,ALT-'C' FOR LAYOUT OF SWITCH INSTALLATION.
3. REFER TO FERRULE NUMBER FOR ROOF JUMPER & BRANCH WIRING TO EDTS-356,REV-C,COR-1,AM-1&2 OR LATEST.
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-II-2005.
5. REFER TO SPECIFICATION & CODE OF PRACTICE FOR WIRING FOR 750V END-ON-GENERATION SYSTEM NO. ELPS/SPEC/EOG/01.

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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DATE OF FIRST ISSUE 20/10/2016

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LG70132s2a		
WEIGHT	FILE	D:\Antyodaya_ GS\LG70132s2b.prt				
NIL KG	WIRING DIAGRAM ARRANGEMENT FOR ROOF (FOR ANTYODAYA LHB EOG NON-AC GS COACHES)				SCALE	SSE/ED
S.AREA						CHD
NIL M²						DRN
~~LENGTH/DIA~~ NIL M	RAIL COACH FACTORY, KAPURTHALA				REF.DRG.No.	NIL
~~WIDTH/THICK~~ NIL M	रेलकोच फैक्टरीकपूरथला	IRS			PL NO.	NIL
HEIGHT NIL M	SEE/VD		DY.CEE/D		DRG.NO.	LG70132
					ALT. b	SIZE A1 SHEET 2/2