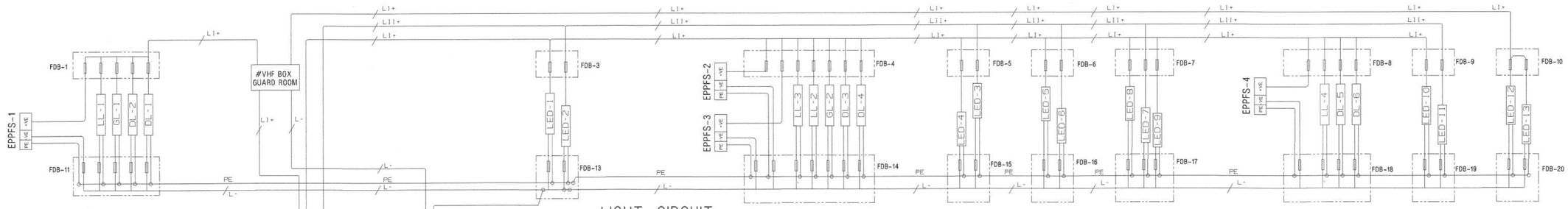
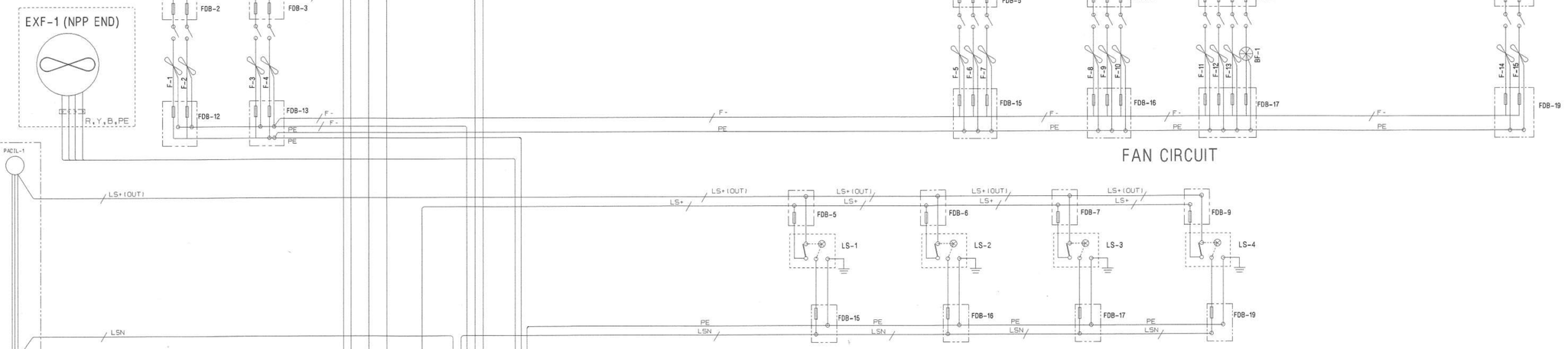
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY





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NIL		NIL	NIL	NIL	NIL
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QP.ASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LR70031 ALT NIL			
WEIGHT	FILE	Z:\LR70031sla.prt				
NIL KG	SCHEMATIC DIAGRAM FOR ROOF FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31 SEATER) COACHES (TO RCF LAYOUT NO.LR90036)		SCALE	SSE/ED	
S.AREA				CHD	
NIL M²				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.	LR70031	
HEIGHT	SEE/VD	DY.CEE/D	ALT.	a	SIZE A SHEET 1/2
NIL M					

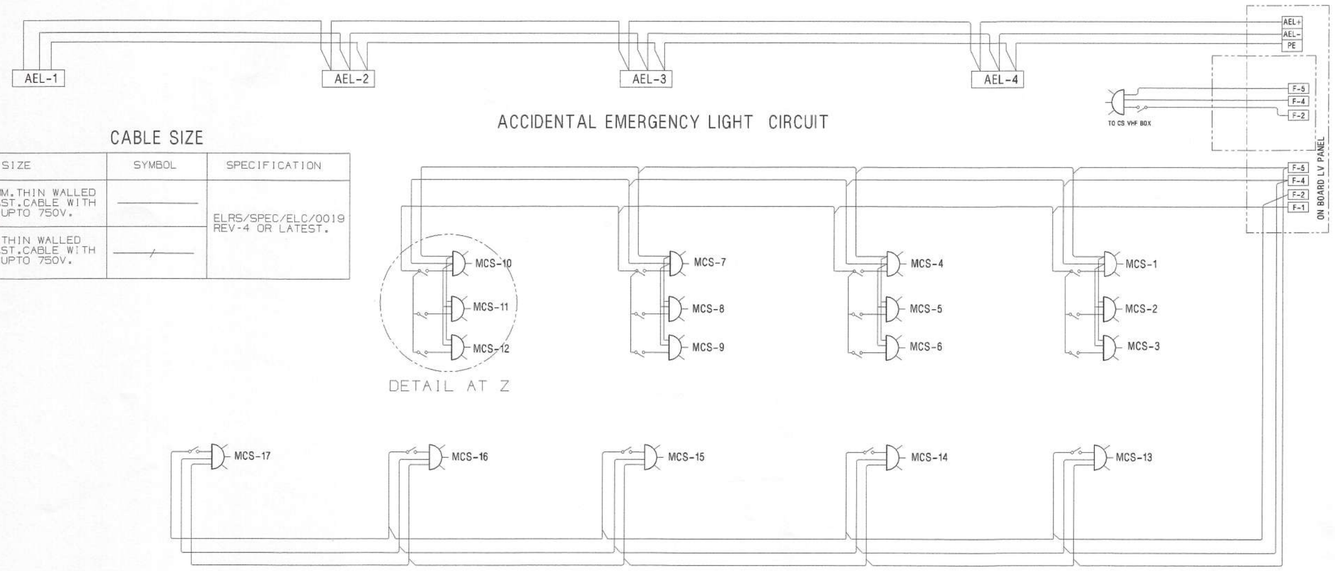
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DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

DATE OF FIRST ISSUE 22/02/2021

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
a	14/01/2026	ALL -	1.LIGHT,FAN & MCS CIRCUIT UPDATED. 2.ABBREVIATION & LOAD CHART UPDATED & DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016

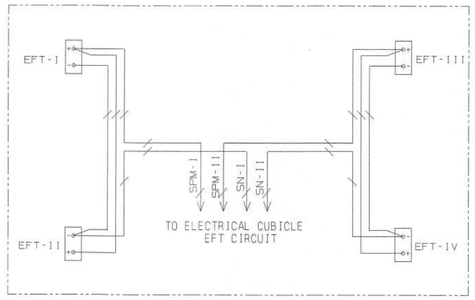


ACCIDENTAL EMERGENCY LIGHT CIRCUIT

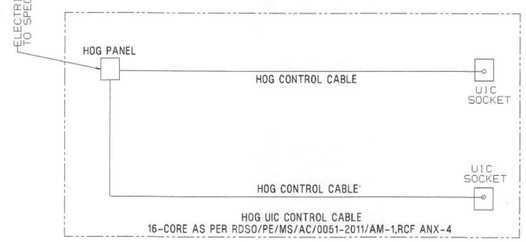
MOBILE CHARGING CIRCUIT FOR (110V AC)

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-4 OR LATEST.
4 SQ.MM.THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V.	—/—	



EMERGENCY FEED TERMINAL



ABBREVIATION & LOAD CHART 3-PHASE ,190V AC

CIRCUIT	CONNECTED LOAD	QPC	WATTAGE	LOAD IN WATTS	LOAD IN CURRENT	MPCB RATING
EX.F	EXHAUST BLOWER FAN-1 (PP END)	01	200	200	0.76	RANGE 0.63-1A (SET AT 0.8 A)
	TOTAL	01		200	0.76A	

ABBREVIATION & LOAD CHART (110V DC)

CODE	DESCRIPTION	WATTAGE	QTY PER COACH	LOAD IN WATTS
LED	LED LIGHT	09	13	117
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	02	06
AEL	ACCIDENTAL EMERGENCY LIGHT	10	04	40
F	FAN	38	15	570
BF	BRACKET FAN (PASSENGER AREA)	40	01	40
SL	SIDE LAMP	25	02	50
TL	TAIL LIGHT	10	01	10
FUS	FLUSHING UNIT SYSTEM	12.5	04	50
	TOTAL			991

ABBREVIATION & LOAD CHART (110V AC)

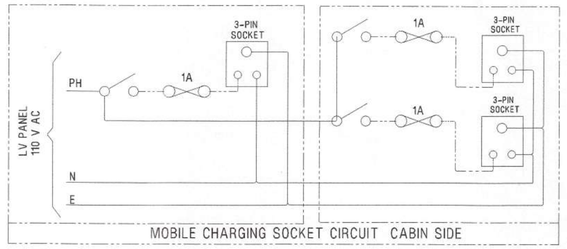
PH	MOBILE CHARGING SOCKET	QPC	WATTAGE	LOAD IN WATTS	LOAD IN CURRENT	FUSE RATING
R	MCS-1,2,3,4,5,6,7,8,9,10,11,12	12	15	180	1.63A	6A
Y	MCS-13,14,15,16,17	05	15	75	0.68A	6A
	TOTAL	17		255	2.31A	

ABBREVIATION & LOAD CHART 110V AC

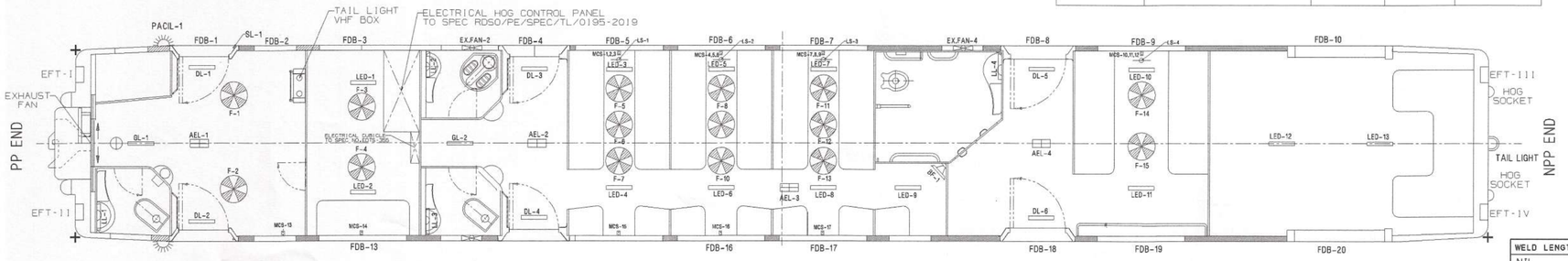
CIRCUIT	PH	CONNECTED LOAD	QPC	WATTAGE	LOAD IN WATTS	LOAD IN CURRENT	MPCB RATING
EX.FAN	R	EXHAUST FAN-2	01	40	40	0.36A	RANGE 0.63-1A (SET AT 0.63 A)
	Y	EXHAUST FAN-3	01	40	40	0.36A	
	B	EXHAUST FAN-4	01	40	40	0.36A	
		TOTAL	03		120	1.08A	

LOAD ON INDIVIDUAL CIRCUIT

CIRCUIT	CONNECTED LOAD	LOAD IN WATTS	LOAD IN CURRENT	FUSE/ MCB RATING
L-I	LED-1,4,5,8,9,10,12,13 DL-1,2,3,4,5,6 GL-1,2 LL-1,2,3,4 SL-1,2 TL-1	240	2.18A	16A
EPPFS	ELECTRO PNEUMATIC PRESSURISED FLUSHING SYSTEM,(1 TO 4)	50	0.45A	
L-II	LED-2,3,6,7,11,	45	0.41A	16A
F & BF	F-1 TO F-15 BF-1	610	5.54A	16A
PACIL	PACIL-1,2	6	0.05A	6A
AEL	AEL-1,2,3,4	40	0.36A	
TOTAL		991	9A	



MOBILE CHARGING SOCKET CIRCUIT CABIN SIDE



NOTE:-
1. REFER DRG.NO LR76003,ALT-A FOR ARRGT.OF ROOF WIRING.

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M			NIL	NIL	NIL	NIL
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LR70031 ALT NIL			
WEIGHT	FILE	Z:\LR70031s2a.prt				
NIL KG		SCHEMATIC DIAGRAM FOR ROOF FOR HOG COMPLIANT LHB EOG NON-AC LSLRD (31 SEATER) COACHES (TO RCF LAYOUT NO.LR90036)	SCALE	SSE/ED		
S.AREA				CHD		
NIL M²				DRN		
~~LENGTH/DIA~~						
NIL M		RAIL COACH FACTORY, KAPURTHALA	REF.DRG.No. NIL			
~~WIDTH/THICK.~~		रेल कोच फैक्टरी कपूरथला	IRS	PL NO.	NIL	
NIL M				DRG.NO.	LR70031	
HEIGHT				ALT.	a	
NIL M		SEE/VD	DY.CEE/D	SIZE A1	SHEET 2/2	

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