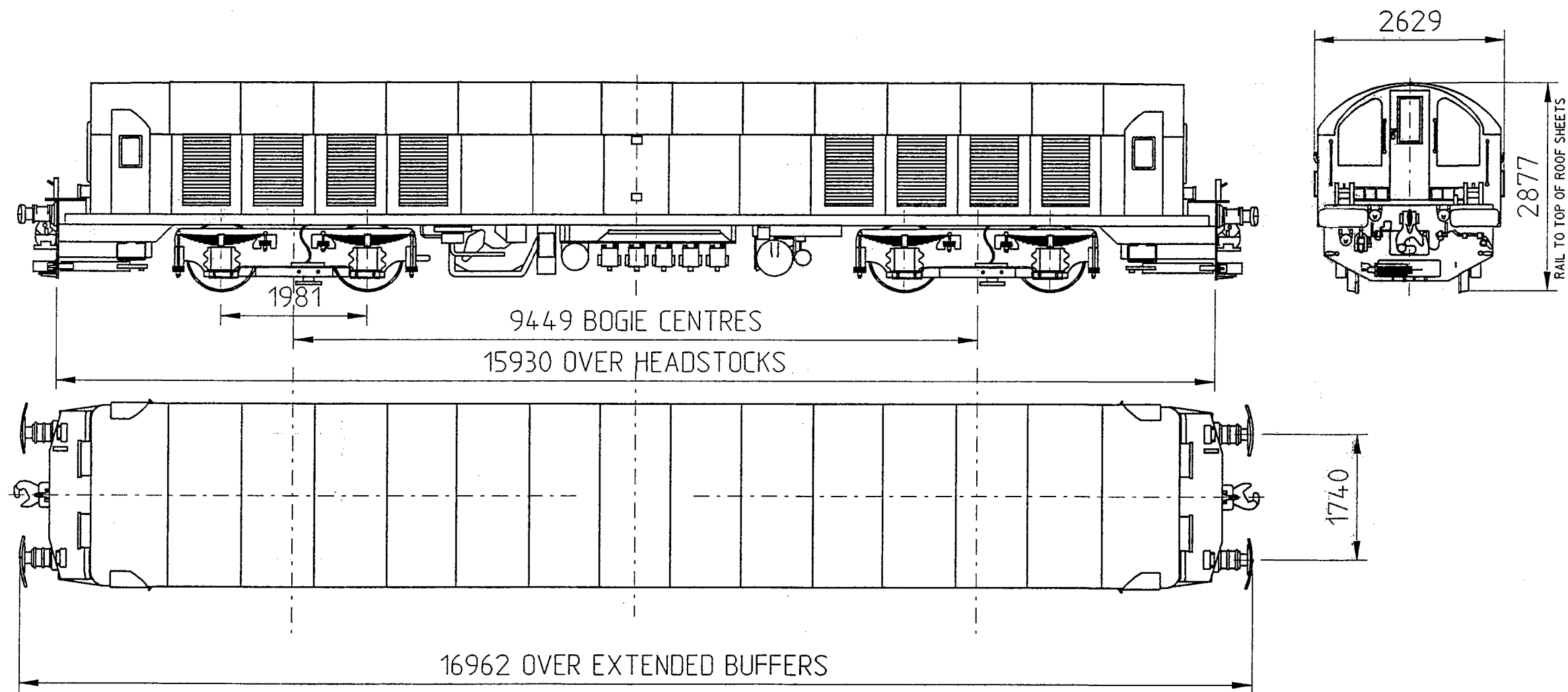


1969 BATTERY LOCOMOTIVE



NO. RANGE: LI5 - LI9

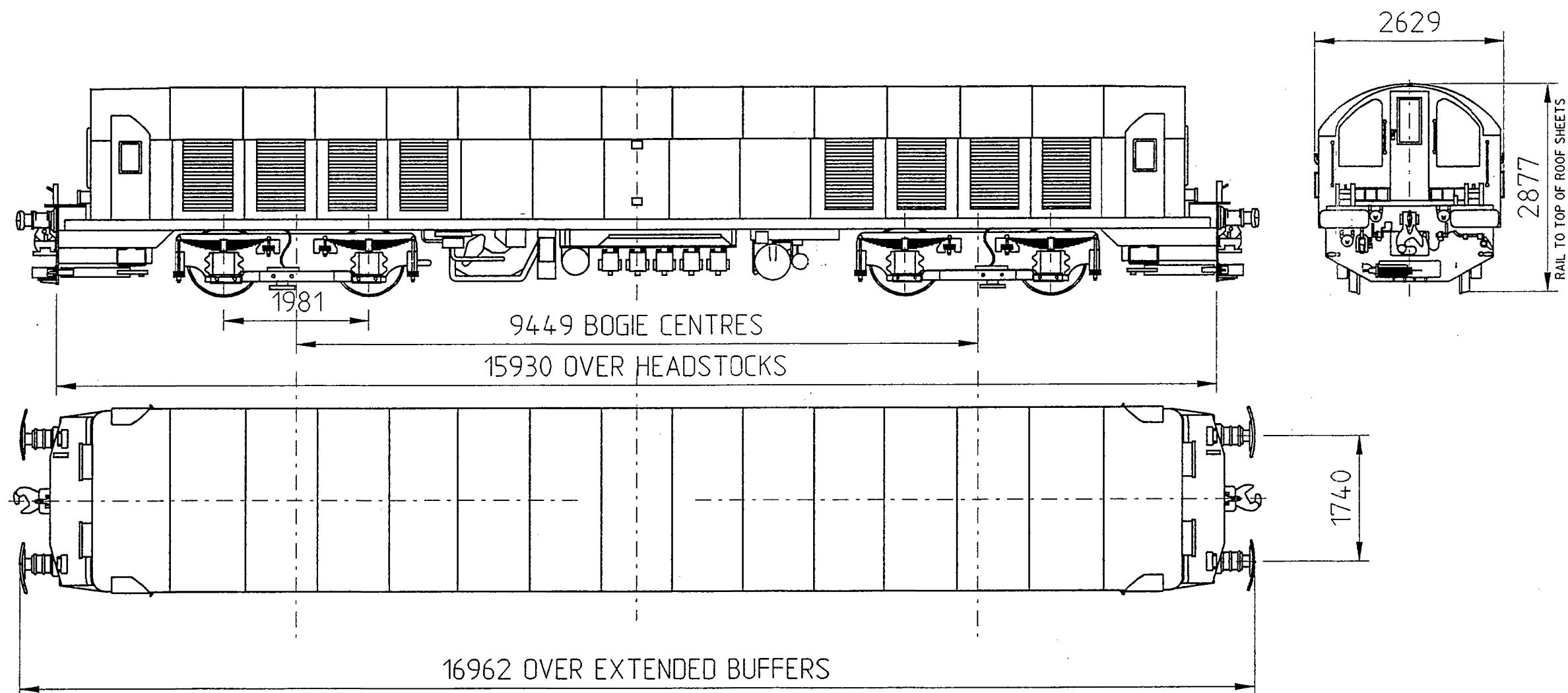
23/11/93

LULI

1969 BATTERY LOCOMOTIVE

TITLE		BATTERY LOCOMOTIVE
FUNCTION		HAULING WAGONS
NUMBER RANGE		L 15 - L 19
DELIVERY DATE		1970
MANUFACTURERS NAME		METRO - CAMMELL LTD
DESIGN LIFE EXPIRES		(TAKEN AT 40 YEARS) 2010
MODIFICATION DETAILS		SEE APPENDIX
LENGTH IN TRAIN FORMATION - BUCKEYE - RCH		16930 mm APPROX 16780 mm APPROX
GROSS WEIGHT		62 TONNES APPROX
TRACTION BATTERY	TYPE	L15, L16, L18, L19 - XTLF39
		L17 HTLF39
	CAPACITY	L15, L16, L18, L19 - 1197TP
		L17 1026TP
BRAKING SYSTEM		AIR BRAKED TWO PIPE DAVIES AND METCALFE TWO COMPRESSORS
COUPLINGS	TYPE HEIGHT FROM RAIL	BUCKEYE + RCH + EMERG. WEDGELOCK 41.5"/1055mm
SERVICE AND MAXIMUM SPEEDS PERMITTED		30 MPH (48 kph)
AXLE BOX TYPE		PLAIN JOURNAL AXLE BOX OILED 5.505" Dia x 9"
ROUTE AVAILABILITY		NO RESTRICTIONS
SPECIAL FEATURES		ABILITY TO HAUL TRAINS OVER NON-ELECTRIFIED LINES
		EXTERNAL POWER SUPPLIES
		A) 320V DC 15A SOCKET ON CAB BACK FOR CEMENT MIXERS
		B) WHITE BOX (10 PIN SOCKET) CONTROL JUMPER FOR LWR TRAINS LIGHTS AND COMMUNICATIONS
		C) 320V DC 100A (3 PIN SOCKET) FOR WAGON MOUNTED COMPRESSORS AND CONCRETE BREAKER

1964 BATTERY LOCOMOTIVE



NO. RANGE: L20 - L32

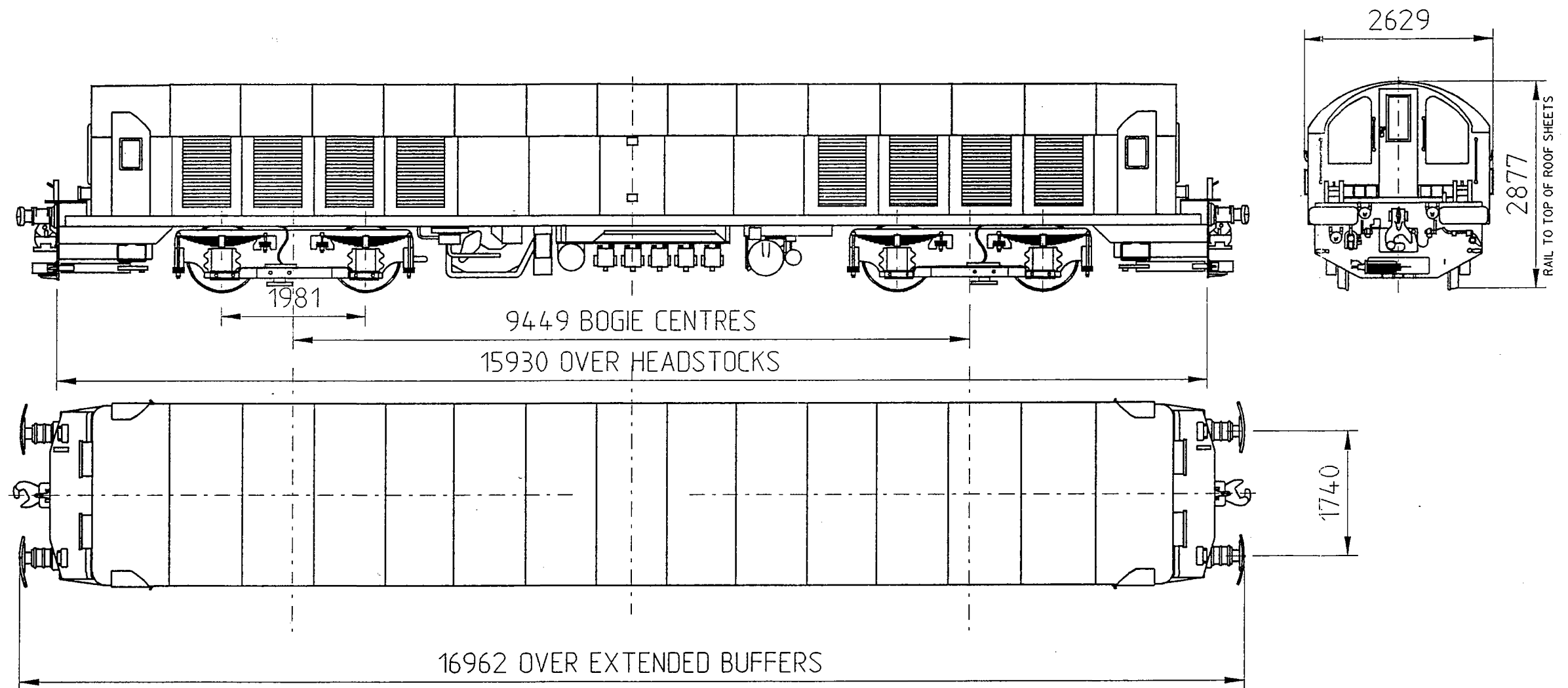
23/11/93

LUL2

1964 BATTERY LOCOMOTIVE

TITLE	BATTERY LOCOMOTIVE	
FUNCTION	HAULING WAGONS	
NUMBER RANGE	L 20 - L 32	
DELIVERY DATE	L 20 - L 21 1964 L 22 - L 32 1965	
MANUFACTURERS NAME	METRO CAMMELL LTD	
DESIGN LIFE EXPIRES	(TAKEN AT 40 YEARS) 2005	
MODIFICATION DETAILS	SEE APPENDIX	
LENGTH IN TRAIN FORMATION - BUCKEYE - RCH	16930 mm APPROX 16780 mm APPROX	
GROSS WEIGHT	62 TONNES APPROX	
TRACTION BATTERY	TYPE	L20 - L25) L27 - L29) - XTLF39 L31 - L32) L26, L30 HTLF39
	CAPACITY	L20 - L25) L27 - L29) - 1197TP L31 - L32) L26, L30 1026TP
BRAKING SYSTEM	AIR BRAKED TWO PIPE DAVIES AND METCALFE TWO COMPRESSORS	
COUPLINGS	TYPE	BUCKEYE + RCH + EMERG. WEDGELOCK
	HEIGHT FROM RAIL	41.5"/1055mm
SERVICE AND MAXIMUM SPEEDS PERMITTED	30 mph (48 kph)	
AXLE BOX TYPE	PLAIN JOURNAL, AXLE BOX OILED 5.505" Dia x 9"	
ROUTE AVAILABILITY	NO RESTRICTIONS	
SPECIAL FEATURES	ABILITY TO HAUL TRAINS OVER NON-ELECTRIFIED LINES EXTERNAL POWER SUPPLIES A) 320V DC 15A SOCKET ON CAB BACK FOR CEMENT MIXERS B) WHITE BOX (10 PIN SOCKET) CONTROL JUMPER FOR LWR TRAINS LIGHTS AND COMMUNICATIONS C) 320V DC 100A (3 PIN SOCKET) FOR WAGON MOUNTED COMPRESSORS AND CONCRETE BREAKER	

1973 BATTERY LOCOMOTIVE



NO. RANGE: L44 - L54

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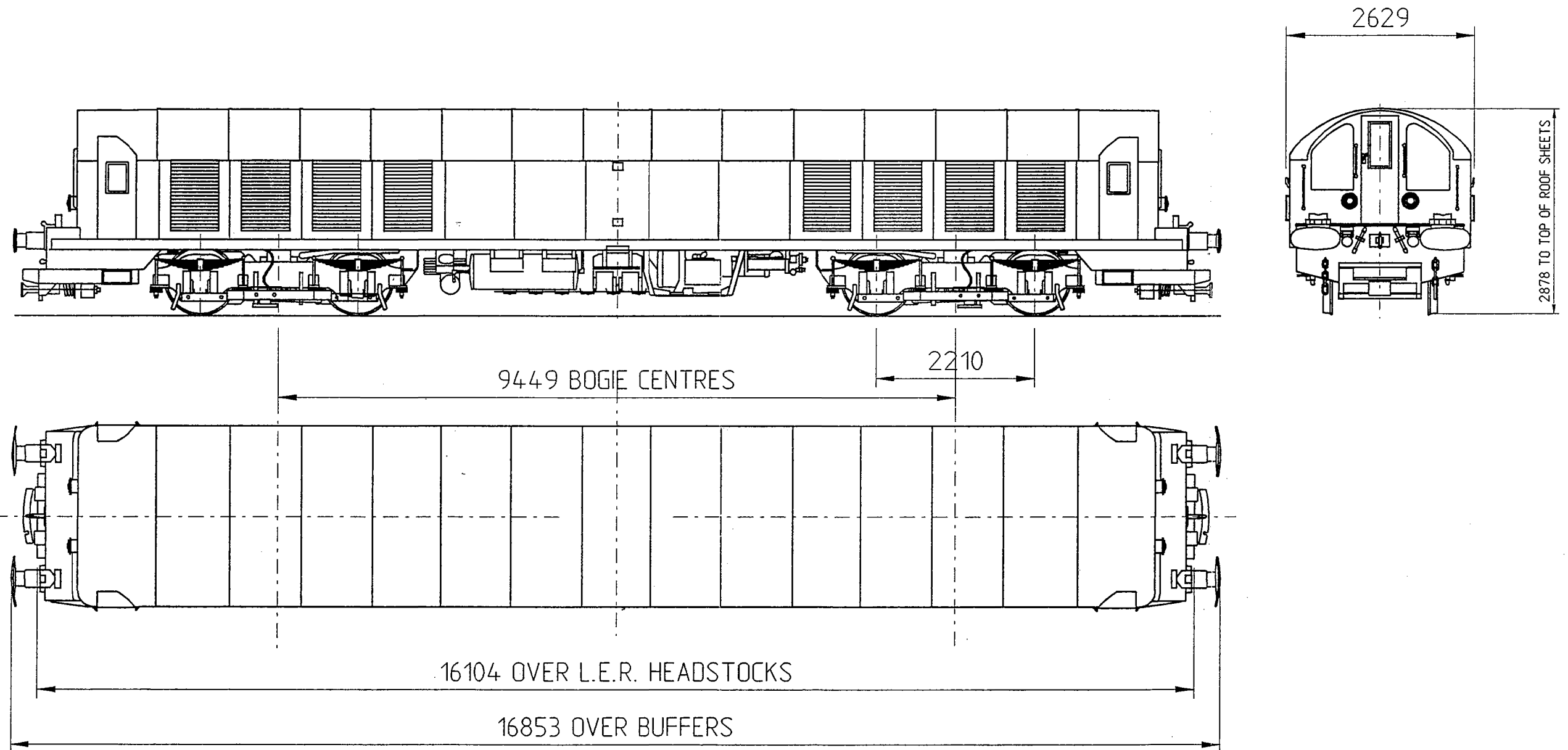
LUL3

1973 BATTERY LOCOMOTIVE

TITLE		BATTERY LOCOMOTIVES
FUNCTION		HAULING WAGONS
NUMBER RANGE		L 44 - L 54
DELIVERY DATE - MANUFACTURERS NAME		1974 BREL DONCASTER
DESIGN LIFE EXPIRES		(TAKEN AT 40 YEARS) 2014
MODIFICATION DETAILS		SEE APPENDIX
LENGTH IN TRAIN FORMATION - BUCKEYE		16930 mm APPROX
	- RCH	16780 mm APPROX
GROSS WEIGHT		62 TONNES APPROX
TRACTION BATTERY	TYPE	L44, L46, L47, L52 - HTLF39 L45, L48, L51, L54 - XTLF39 L49, L50, L53 - ND39
	CAPACITY	L44, L46, L47, L52 - 1026TP L45, L48, L51, L54 - 1197TP L49, L50, L53 - 1027FP
BRAKING SYSTEM		AIR BRAKED TWO PIPE DAVIES AND METCALFE TWO COMPRESSORS
COUPLINGS	TYPE HEIGHT FROM RAIL	BUCKEYE + RCH + EMERG. WEDGELOCK 41.5"/1055mm
SERVICE AND MAXIMUM SPEEDS PERMITTED		30 MPH (48 kph)
AXLE BOX TYPE		ROLLER BEARING - TIMKEN SP 120
ROUTE AVAILABILITY		NO RESTRICTIONS
SPECIAL FEATURES		ABILITY TO HAUL TRAINS OVER NON-ELECTRIFIED LINES EXTERNAL POWER SUPPLIES A) 320V DC 15A SOCKET ON CAB BACK FOR CEMENT MIXERS B) WHITE BOX (10 PIN SOCKET) CONTROL JUMPER FOR LWR TRAINS LIGHTS AND COMMUNICATIONS C) 320V DC 100A (3 PIN SOCKET) FOR WAGON MOUNTED COMPRESSORS AND CONCRETE BREAKER

1948 BATTERY LOCOMOTIVE

BATTERY LOCO NO. L56 HAS RCH AND WARD
COUPLERS ON A END AND RCH, BUCKEYE AND
EMERGENCY WEDGELOCK COUPLERS ON D END.



NO. RANGE: L56, L58, L59

23/11/93

LUL4

1948 BATTERY LOCOMOTIVE

TITLE	BATTERY LOCOMOTIVE
FUNCTION	HAULING WAGONS
NUMBER RANGE	L 56 - L 59
DELIVERY DATE - MANUFACTURERS NAME	1951 - PICKERING & CO LTD GLASGOW
DESIGN LIFE EXPIRES	(TAKEN AT 40 YEARS) - 1991
MODIFICATION DETAILS	SEE APPENDIX
LENGTH OVER HEADSTOCKS IN TRAIN FORMATION - RCH - WARD	16104 mm 16954 mm APPROX 16804 mm APPROX
GROSS WEIGHT	61 TONNES
TRACTION BATTERY	XTLF39
TYPE CAPACITY	1197TP
BRAKING SYSTEM	AIR BRAKED TWO PIPE SINGLE COMPRESSOR
COUPLINGS	WARD COUPLING + RCH HOOK
TYPE HEIGHT FROM RAIL	14"/355 mm 41.5"/1055 mm
	NOTE: L56 IS FITTED WITH THE FOLLOWING: A END - WARD + RCH D END - RCH + BUCKEYE + EMERGENCY WEDGELOCK
SERVICE AND MAXIMUM SPEEDS PERMITTED	30 MPH (48 kph)
AXLE BOX TYPE	PLAIN JOURNAL AXLE BOX OILED 5.505" Dia x 9"
ROUTE AVAILABILITY	RESTRICTED ALL LINES. MUST NOT RUN AS SINGLE LOCOMOTIVES AS ONLY ONE COMPRESSOR FITTED
SPECIAL FEATURES	ABILITY TO HAUL TRAINS OVER NON-ELECTRIFIED LINES EXTERNAL POWER SUPPLIES A) 320 V DC, 15A SOCKET ON CAB BACK WALL FOR CEMENT MIXERS B) WHITE BOX (10 PIN SOCKET) CONTROL JUMPER FOR LWR TRAINS LIGHTS AND COMMUNICATIONS

