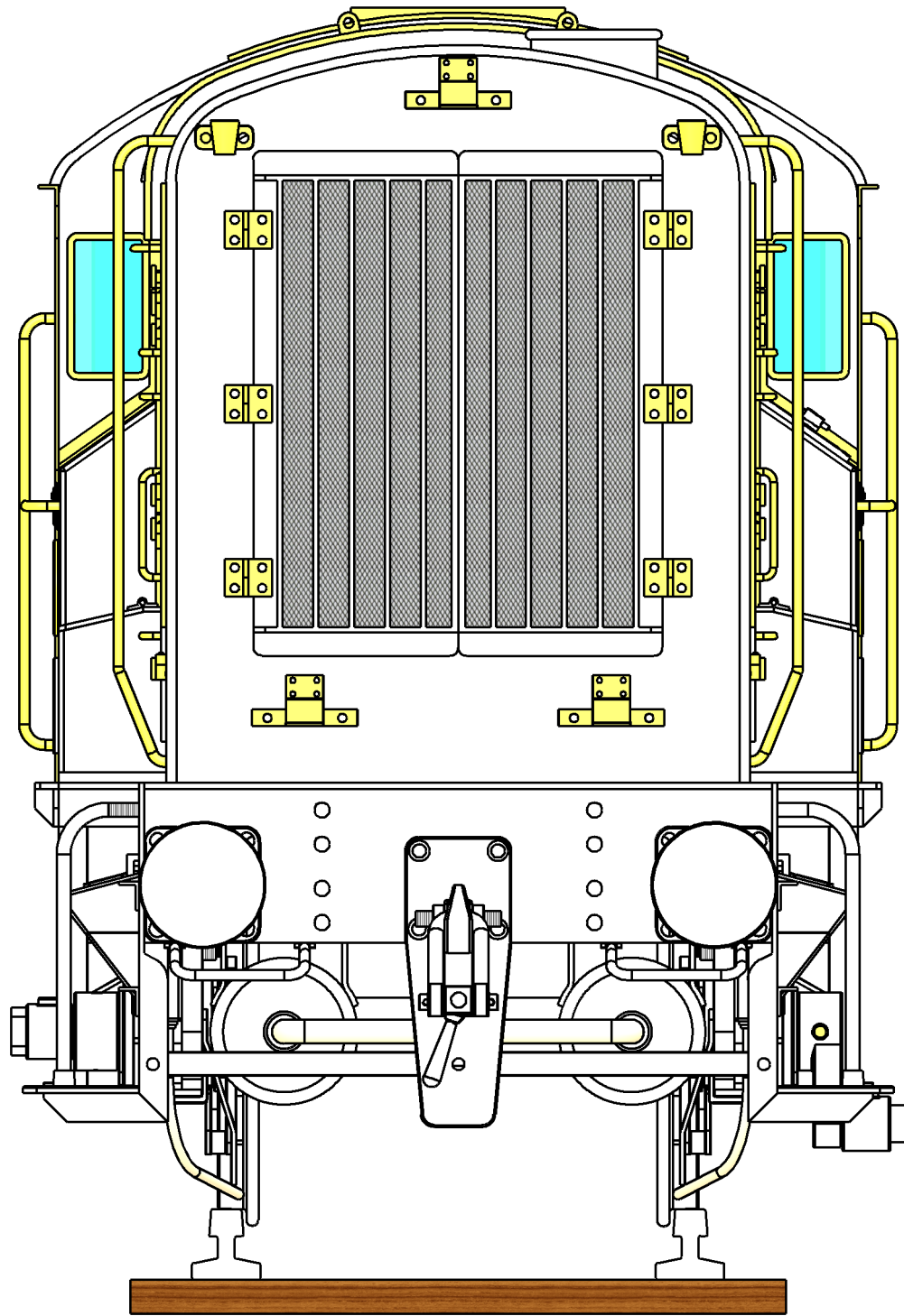
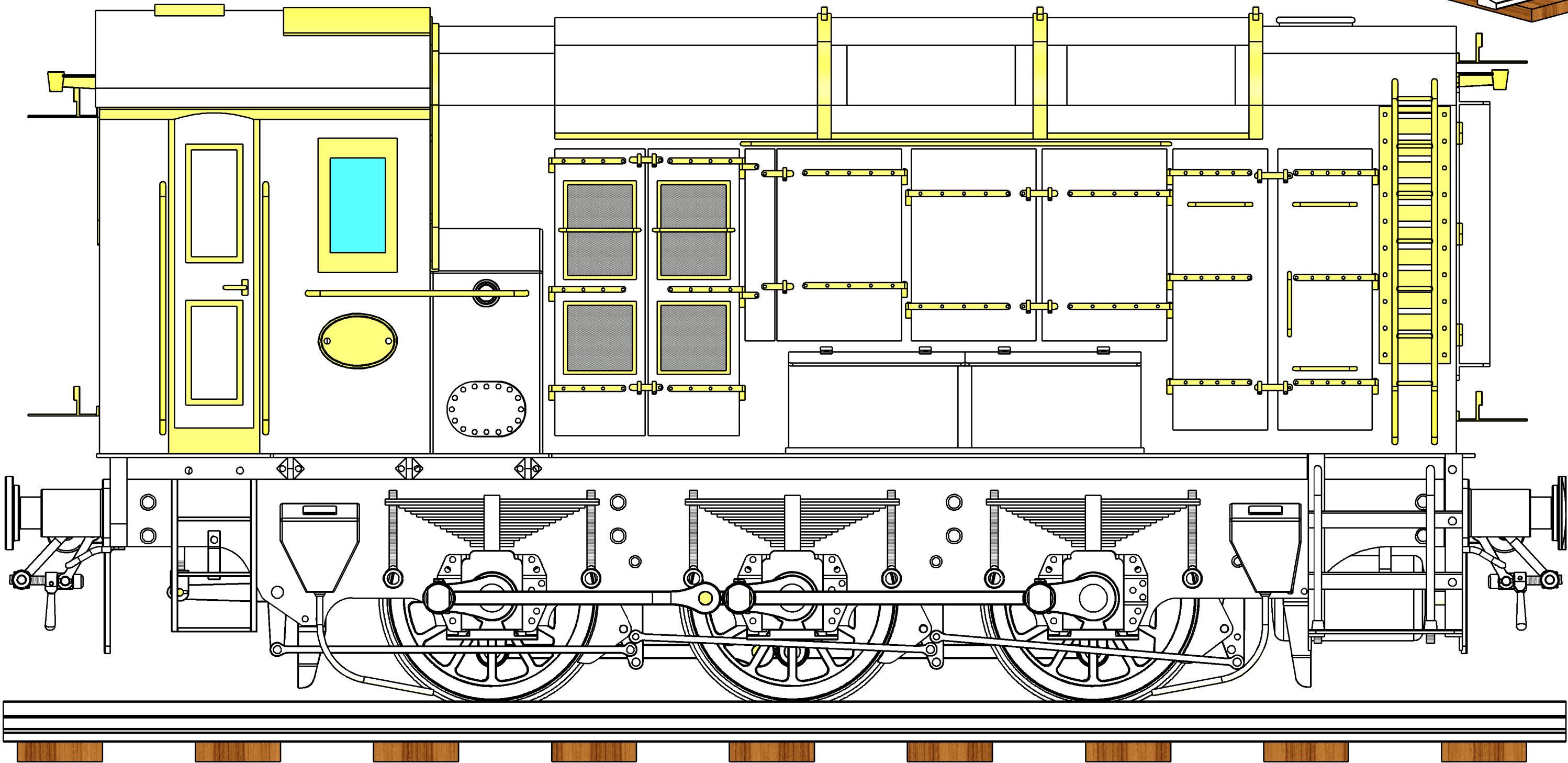
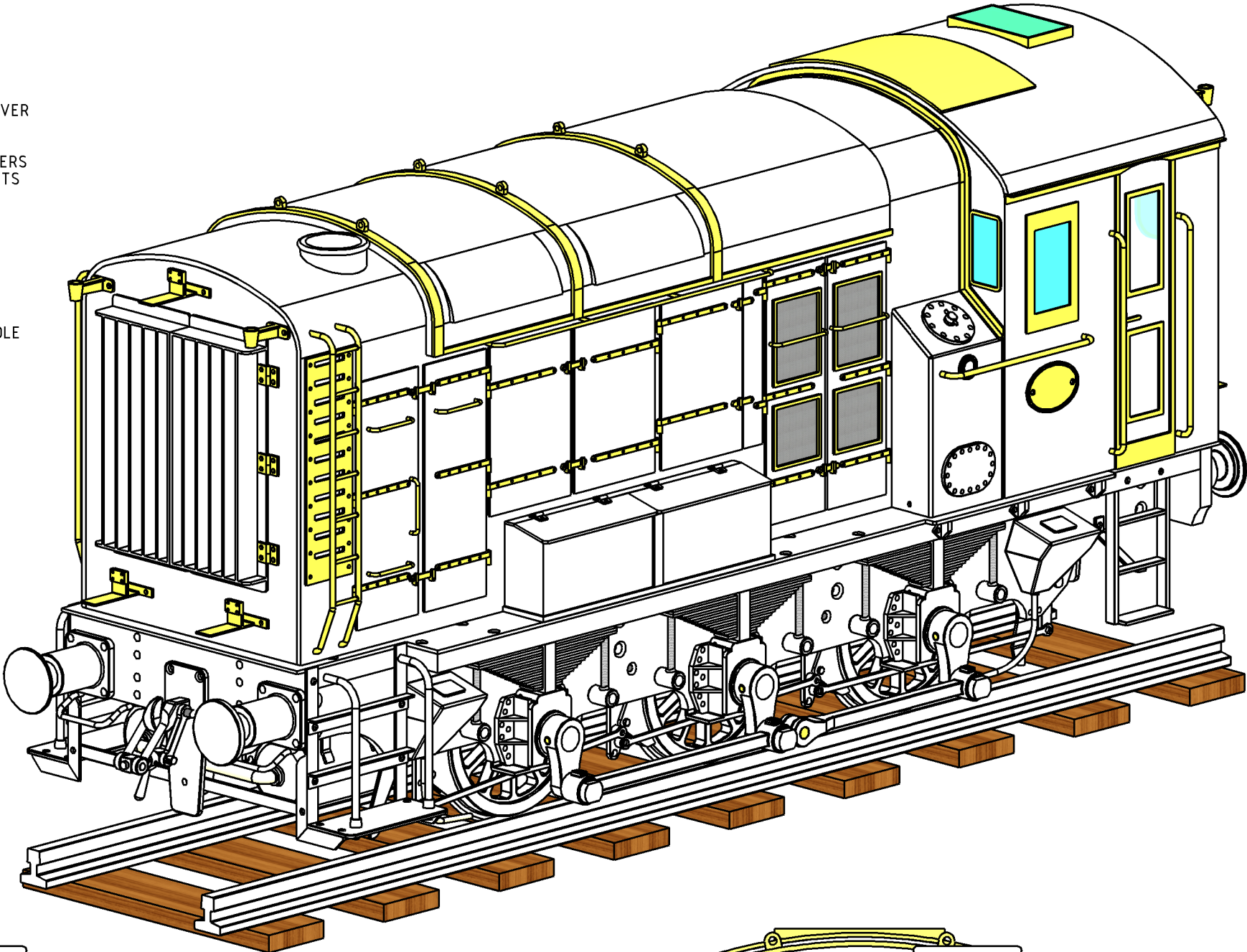


QTY.	PART NUMBER
1	03-18-02-1-01-UNDER FRAME
6	03-18-02-1-02-AXLE BOX GUIDE
6	03-18-02-1-02-AXLE BOX GUIDE
6	03-18-02-1-03-AXLE BOX LEAFSPRING
6	03-18-02-1-04-AXLE BOX
2	03-18-02-1-05-BUFFER TYPE-1
2	03-18-02-1-06-BUFFER TYPE-2
2	03-18-02-1-07-PULL HOOK
2	03-18-02-1-08-COUPLING HOOK
4	03-18-02-1-09-COUPLING LINK
2	03-18-02-1-10-SCREW SPINDLE NUT TYPE-1
2	03-18-02-1-11-SCREW SPINDLE NUT TYPE-2
2	03-18-02-1-12-SCREW SPINDLE
2	03-18-02-1-13-SCREW SPINDLE HANDLE
4	03-18-02-1-14-FRONT+REAR HAND GRIP
1	03-18-02-1-15-FRONT STEP
1	03-18-02-1-16-FRONT STEP
1	03-18-02-1-16-FRONT STEP CROSS BAR
2	03-18-02-1-17-REAR STEP
1	03-18-02-1-18-AIR TANKS
6	03-18-02-1-19-AXLEBOX KEEPER)
1	03-18-02-1-20-FRONT SANDBOX
1	03-18-02-1-20-FRONT SANDBOX
1	03-18-02-1-21-REAR SANDBOX
1	03-18-02-1-21-REAR SANDBOX
1	03-18-02-1-22-FRONT RAIL SCOOP
1	03-18-02-1-22-FRONT RAIL SCOOP
1	03-18-02-1-23-REAR RAIL SCOOP
1	03-18-02-1-23-REAR RAIL SCOOP
1	03-18-02-1-24-HOOD
1	03-18-02-1-25A-HOOD DOOR-A
1	03-18-02-1-25A-HOOD DOOR-A
1	03-18-02-1-25B-HOOD DOOR-B
1	03-18-02-1-25B-HOOD DOOR-B
2	03-18-02-1-26-HOOD DOOR-C
2	03-18-02-1-26-HOOD DOOR-C
1	03-18-02-1-27-HOOD DOOR-D

QTY.	PART NUMBER
1	03-18-02-1-27-HOOD DOOR-D
1	03-18-02-1-28-HOOD DOOR-E
1	03-18-02-1-28-HOOD DOOR-E
1	03-18-02-1-29-HOOD DOOR-F
1	03-18-02-1-29-HOOD DOOR-F
1	03-18-02-1-30-HOOD DOOR-G
1	03-18-02-1-30-HOOD DOOR-G
1	03-18-02-1-31-SIDE INSPECTION BOX
1	03-18-02-1-31-SIDE INSPECTION BOX
1	03-18-02-1-32-HOOD FRONT VENT DOOR
6	03-18-02-1-33-LAMP HOLDER BRACKET
2	03-18-02-1-34-FRONT VENT PLATE
4	03-18-02-1-35-SIGNAL FLAG HOLDER
1	03-18-02-1-36-EXHAUST CHIMNEY
2	03-18-02-1-37-FRONT LADDER
2	03-18-02-1-38-BATTERY+TOOLBOX
1	03-18-02-1-39-HOOD ROOF-A
2	03-18-02-1-40-HOOD TOP HAND RAIL
1	03-18-02-1-41-DRIVERS CABIN
1	03-18-02-1-42-DRIVERS CABIN DOOR
1	03-18-02-1-42-DRIVERS CABIN DOOR
1	03-18-02-1-43-DRIVERS CABIN ROOF
2	03-18-02-1-44-CABIN SIDE HAND RAIL
4	03-18-02-1-45-CABIN DOOR HAND RAIL
2	03-18-02-1-46-NUMBER SHIELD
3	03-18-02-2-01-WHEEL AXLE
2	03-18-02-2-02-COUPLING ROD
1	03-18-02-2-03-BRAKE SHOE HANGER
2	03-18-02-2-03-BRAKE SHOE HANGER
1	03-18-02-2-03-BRAKE SHOE HANGER
2	03-18-02-2-03-BRAKE SHOE HANGER
6	03-18-02-2-04-BRAKE SHOE
2	03-18-02-2-05-BRAKE LINK BAR
2	03-18-02-2-06-BRAKE LINK BAR-1
1	03-18-02-2-07-BRAKE CROSS BAR
2	03-18-02-2-08-BRAKE LINK BAR-2
1	03-18-02-2-09- HAND BAKE COLUMN SPINDLE
1	03-18-02-M127mm-RAIL

OTHER ABBREVIATIONS
AS = AS SHOWN
DP = DEEP
DAA= DRILL AFTER ASSEMBLY
D&TAA= DRILL AND TAP AFTER ASSEMBLY
CF = CLOSE FIT (SIZE FOR SIZE)
PF = PRESS FIT
PFAA= PRESS FIT AFTER ASSEMBLY
PCD = PITCH CIRCLE DIAMETER
RM = REAM
HEX = HEXAGON, 6SIDED
CP = COMPRESSED
KNL = KNURLLED
CSK = COUNTERSINK
PL = PLACES
DWL= DOWEL
SPF= SPOTFACE
(TIHESOP=(TAPPED)HOLES EQUALLY SPACED ON PCD
(TIHESOC=(TAPPED)HOLES EQUALLY SPACED ON CIRCUMFERENCE
OD = OUTSIDE DIAMETER
ID = INSIDE DIAMETER
MAX/MIN = CRITICAL DIMENSION
[SA-xxx]= SUB ASSEMBLY-xxx

ADDITIONAL NOTES ABOUT THESE DRAWINGS:
1) NO MATERIALS HAVE BEEN SPECIFIED ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED MATERIAL FOR THE PARTS/COMPONENTS. THE FOLLOWING COLOURS ON THE DRAWINGS INDICATES POSSIBLE MATERIALS WHICH CAN BE USED FOR PARTS: YELLOW=BRASS, LIGHT GREY=ALUMINIUM OR MILD STEEL, REDDISH BROWN=COPPER, DARK BROWN=BRONZE OR GUN METAL, WHITISH=SILVER STEEL OR STAINLESS STEEL
2) FASTENERS.
NO FASTENERS SUCH AS BOLTS, SCREWS, RIVETS, NUTS AND WASHERS HAVE BEEN SHOWN ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED TYPE OF FASTENERS.
3) PROPULSION SYSTEM
A PROPULSION SYSTEM IS NOT SHOWN ON THESE DRAWINGS. THE BUILDER TO EITHER DESIGN AND BUILD OR PURCHASE A PROPULSION SYSTEM
A BATTERY OPERATED SYSTEM WOULD BE PREFERABLY.
4) DRIVERS CABIN FIT OUT.
IN THE DRIVERS CABIN A BASIC CONTROL CONSOLE IS SHOWN. THE BUILDER TO DESIGN CONTROL EQUIPMENT AND POPULATE THE CONSOLE TO HIS OR HERS OWN LIKING.
THE HAND BRAKE COLUMN IS NOT SHOWN ON THESE DRAWING THE BUILDER TO DESIGN AND INSTALL IF SO DESIRED



NOTES: THIS ENGINE IS BASED ON AN EARLIER PROJECT (03-18-00) WHICH WAS DRAWN UP IN OCTOBER 2019. THIS ENGINE SHOWN ON THESE DRAWINGS IS A CONVERSION FROM 89mm/3.5" TO 127mm/5" GAUGE

TITLE
DIESEL-ELECTRIC LOCOMOTIVE OF THE BRITISH
RAILWAYS CLASS 08 (127mm/5"GAUGE)

DRAWING CONTENTS
GENERAL ARRANGEMENT, ISOMETRIC
VIEW, NOTES, BILL OF MATERIALS

PROJECT No 03-18-02
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PROJECTION DATE SEPTEMBER 2025	JDWDS Copyright © J.A.M. DE WAAL PAPA KURA NZ	MODEL SCALE: 1:11.2 DWG SCALE: 1:1 @A2 OR AS SHOWN
SHEET: 02 OF 08	A2	No: 03-18-02-SHT-02

PLEASE NOTE THIS IS AN "A2" SIZE SHEET
DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES