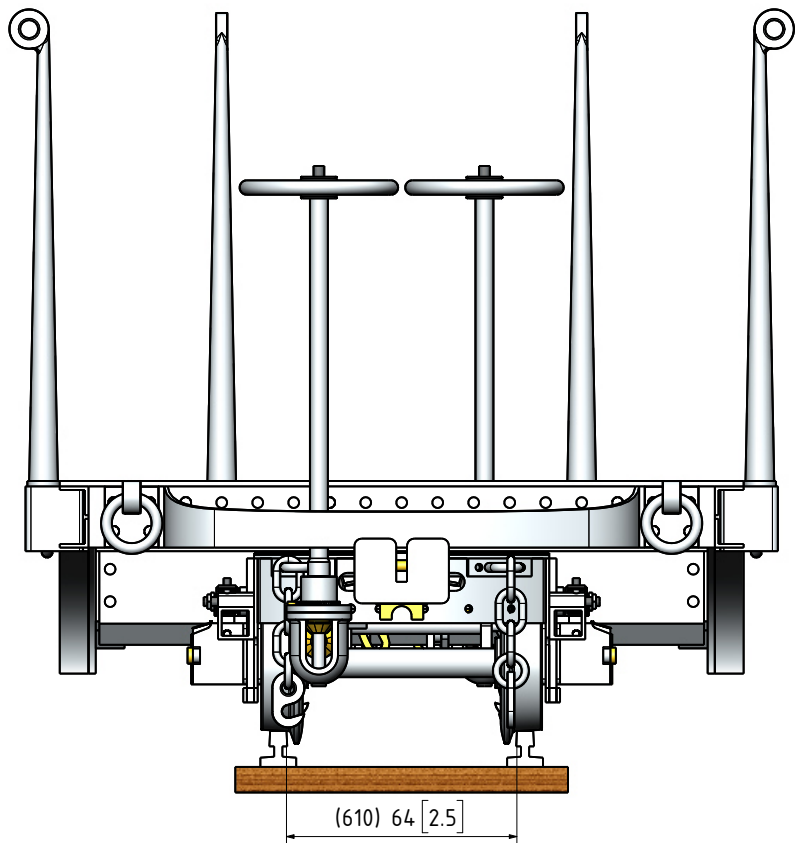
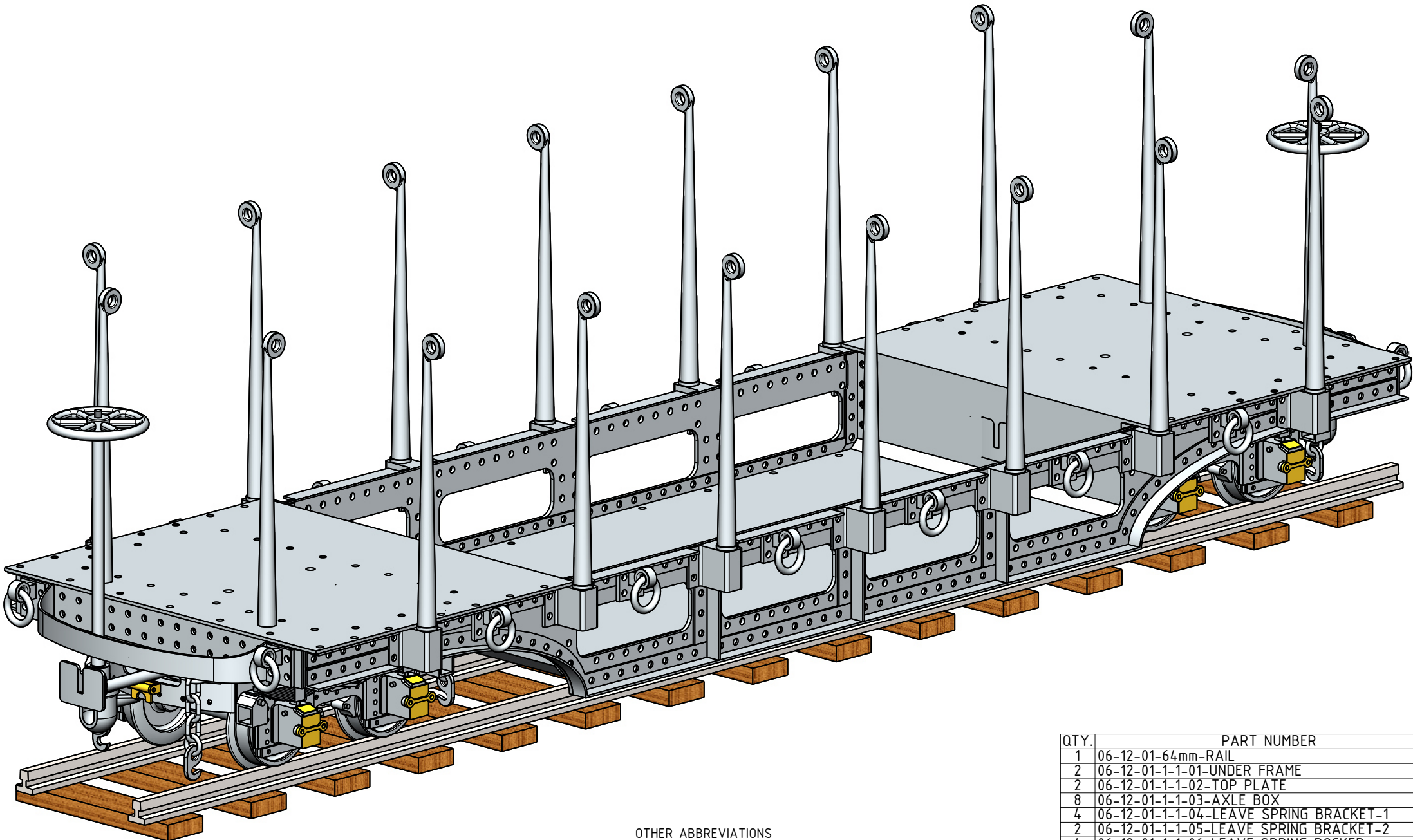




ADDITIONAL NOTES ABOUT THESE DRAWINGS:
0) NO MATERIALS HAVE BEEN SPECIFIED ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED MATERIAL FOR THE PARTS/COMPONENTS. THE FOLLOWING COLOURS ON THE DRAWINGS INDICATES POSSIBLE MATERIALS WHICH CAN BE USED FOR PARTS:
YELLOW=BRASS, LIGHT GREY=ALUMINIUM OR MILD STEEL, REDDISH BROWN=COPPER, DARK BROWN=BRONZE OR GUN METAL, WHITISH=SILVER STEEL OR STAINLESS STEEL
1) FASTENERS.
NO FASTENERS SUCH AS BOLTS, SCREWS, NUTS, RIVETS AND WASHERS HAVE BEEN SHOWN ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED TYPE OF FASTENERS.

NOTES:
0. ALL DRAWINGS ARE IN METRIC MEASUREMENTS
1. ALL ENGINEERING PRACTICES SHALL BE APPLIED WITH REGARDS TO HOLE AND SHAFT TOLERANCES.
2. WHERE SCREWS OR BOLTS ARE USED THE CLEARANCE HOLES SHALL BE APPROXIMATELY 5% TO 8% LARGER THAN THE MATCHING TAPPED HOLE.
3. PREFERABLY ALL TAPPED HOLES AND MATCHING SCREWS AND/OR BOLTS TO BE METRIC FINE (MF)
4. MATERIALS SPECIFIED ON THE DRAWINGS ARE INDICATIVE ONLY. THE BUILDER CAN MAKE HIS/HER OWN MATERIAL CHOICE.
5. ALL CONNECTIONS/JOINTS WHICH HAVE STEAM PRESSURE APPLIED TO IT SHALL BE SILVER/HARD SOLDERED.
6. COMPRESSION SPRINGS ARE DRAWN IN COMPRESSED STATE (CP), UNCOMPRESSED STATE IS APPROX 40% TO 60% LONGER THEN COMPRESSED STATE.
7. WHERE PREFERRED SCREW OR RIVETED CONNECTIONS CAN BE OMITTED AND PARTS CAN BE BONDED TOGETHER BY USING EITHER HIGH STRENGTH GLUE, EPOXY RESIN, OR SOLDER.
8. PARTS WHICH ARE DIRECTLY EXPOSED TO STEAM AND/OR WATER SHOULD BE CONSTRUCTED USING NON-FERROUS OR NON CORROSIVE MATERIAL SUCH AS BRASS, BRONZE, GUNMETAL, STAINLESS STEEL, COPPER OR MONEL.
9. THE ORDER IN WHICH THE PARTS/COMPONENTS ARE MANUFACTURED AND THE MODEL IS ASSEMBLED IS ENTIRELY LEFT TO THE BUILDER/MODEL MAKER.
10. A COLOUR SCHEME FOR THIS PROJECT IS ENTIRELY LEFT UP TO THE MODEL MAKER.
11. THE MANNER IN WHICH THE PARTS/COMPONENTS ARE MANUFACTURED IS ENTIRELY LEFT UP TO THE BUILDER.
12. USE LOCTITE, ON SCREW OR PRESS FIT CONNECTIONS OR SURFACES, WERE DEEMED NECESSARY TO PREVENT PARTS FROM LOOSENING.
13. WASHERS AND/OR SPRINGWASHERS SHALL BE USED WHERE DEEMED NECESSARY.
XX. ERRORS AND/OR OMISSIONS MAY OCCUR IN THE DRAWINGS, DO NOT HESITATE TO CONTACT ME SO THAT THE ERRORS/OMISSIONS CAN BE RECTIFIED.

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 = HEXACON, 6SIDED
CP = COMPRESSED
KNL = KNURLED
CSK = COUNTERSINK
PL = PLACES
DWL= DOWEL
SPF= SPOTFACE
(T)HESOP=(TAPPED)HOLES EQUALLY SPACED ON PCD
(T)HESOC=(TAPPED)HOLES EQUALLY SPACED ON CIRCUMFERENCE
OD = OUTSIDE DIAMETER
ID = INSIDE DIAMETER
MAX/MIN = CRITICAL DIMENSION
[SA-xxx]= SUB ASSEMBLY-xxx

QTY.	PART NUMBER
1	06-12-01-64mm-RAIL
2	06-12-01-1-1-01-UNDER FRAME
2	06-12-01-1-1-02-TOP PLATE
8	06-12-01-1-1-03-AXLE BOX
4	06-12-01-1-1-04-LEAVE SPRING BRACKET-1
2	06-12-01-1-1-05-LEAVE SPRING BRACKET-2
4	06-12-01-1-1-06-LEAVE SPRING ROCKER
8	06-12-01-1-1-07-LEAVE SPRING
8	06-12-01-1-1-08-CHAIN BRACKET
2	06-12-01-1-1-05-LEAVE SPRING BRACKET-2
2	06-12-01-1-1-09-MECHANICAL BRAKE UNIT
4	06-12-01-1-1-10-CHAIN TYPE-1
4	06-12-01-1-1-11-CHAIN TYPE-2
2	06-12-01-1-1-12-BUFFER ARM LOCK-1
2	06-12-01-1-1-13-BUFFER ARM LOCK-2
4	06-12-01-1-2-01-WHEELS+AXLE
2	06-12-01-1-2-02-BUFFER TYPE-1
2	06-12-01-1-2-03-BUFFER TYPE-
2	06-12-01-1-2-04-HORIZONTAL BRAKE GEAR SHAFT
2	06-12-01-1-2-05-VERTICAL BRAKE GEAR SHAFT
2	06-12-01-1-2-06-BRAKE GEAR SHAFT NUT
2	06-12-01-1-2-07-BRAKE MAIN CRANK SHAFT
4	06-12-01-1-2-08-BRAKE SHOE
4	06-12-01-1-2-09-BRAKE SHOE LEVER SHAFT
6	06-12-01-1-2-10-BRAKE SHAFT LINKS
2	06-12-01-1-2-11-PAWL
8	06-12-01-1-2-12-BUFFER ARM CENTERING SPRING
2	06-12-01-1-2-13-REMOVABLE BRAKE HAND WHEEL
1	06-12-01-2-1-01-WAGON BASE FRAMEWORK
1	06-12-01-2-1-02-DECKING
2	06-12-01-2-1-03-BOGIE PIVOT SUB STRUCTURE
14	06-12-01-2-1-04-SAFETY POST TYPE-1
4	06-12-01-2-1-05-SAFETY POST TYPE-2
2	06-12-01-2-1-06-BUMPER RAIL
12	06-12-01-2-1-07-TIE RING
4	06-12-01-2-1-08-TIE RING-FRONT

NOTES: THE ORIGINAL DRAWING WERE GIVEN TO ME BY HENRICH DORBECK IN 2015. THE AUTHOR AND DRAFTER OF ORIGINAL DRAWINGS IS CHRISTIAN CENAC. NO DIMENSIONS ON DRAWINGS

TITLE
LYNTON & BARNSTAPLE NARROW GAUGE
WELLWAGON FOR TRAVELLING GOODS CRANE

DRAWING CONTENTS
GENERAL ARRANGEMENT, ISOMETRIC
VIEW, FRONT VIEW, BOM, NOTES

PROJECT No 06-12-01
JDW DRAUGHTING SERVICES
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0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION DATE MARCH 2021	JDWDS Copyright © J.A.M. DE WAAL PAPA KURA NZ	MODEL SCALE: 1:9.5 64mm/2.5" GAUGE DWG SCALE: NTS @A3 OR AS SHOWN No: 06-12-01-SHT02
SHEET: 02 OF 07		

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES