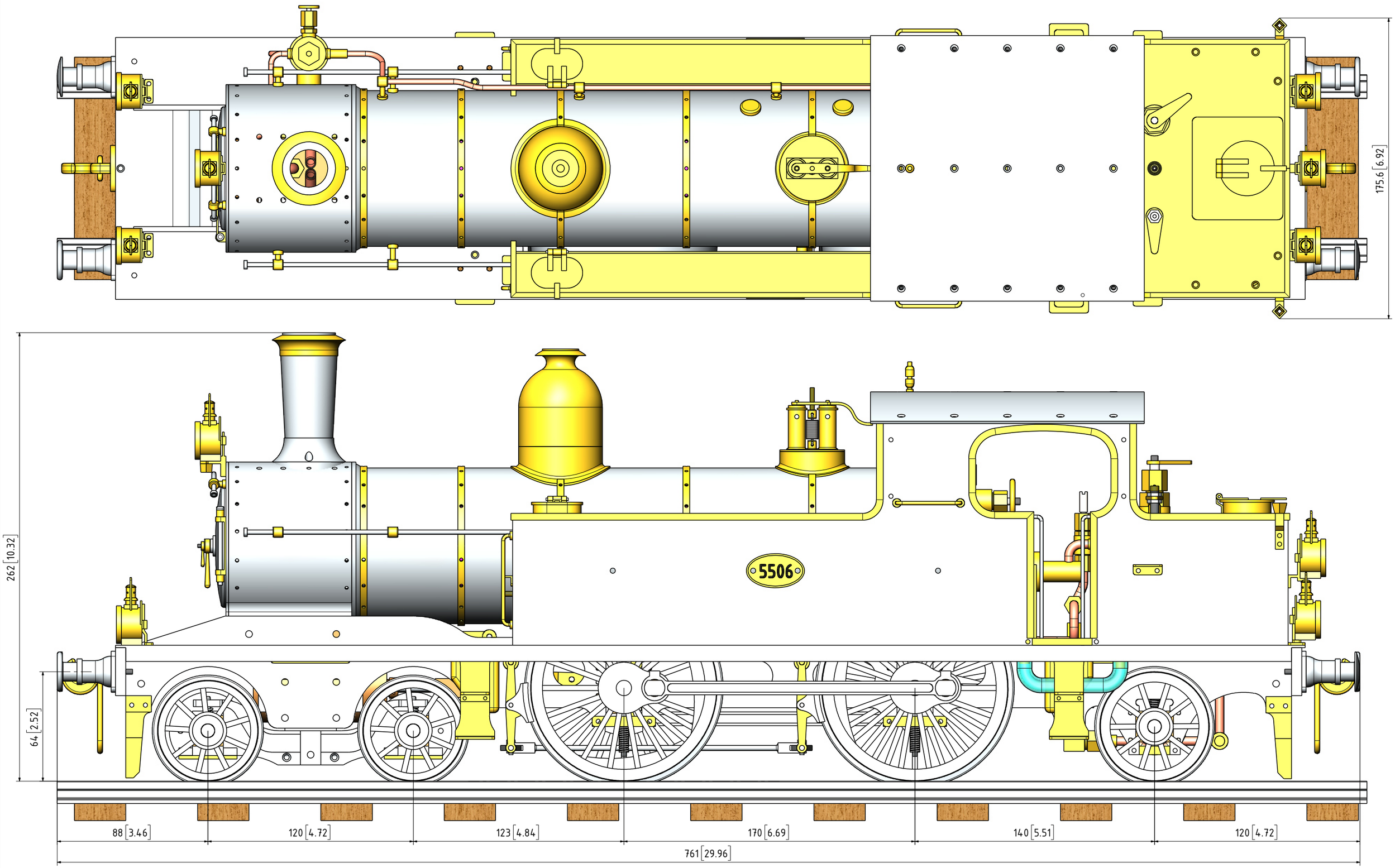

NOTES: THE ORIGINAL DESIGN WAS PUBLISHED IN THE "MODELBOUWER" MAGAZINES 3 TO 8 (2002) DRAWING NUMBER SERIES 20.00.39 SHT01 TO 22. DATED JULY 1996. DRAWN BY G.WIEGERINCK.

TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS
GENERAL ARRANGEMENT

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

DATE DECEMBER 2020 | DWG SCALE: 1:1 @A3 OR AS SHOWN

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SHEET: 01 OF 15 | A3 | No: 07A-01-00-SHT01

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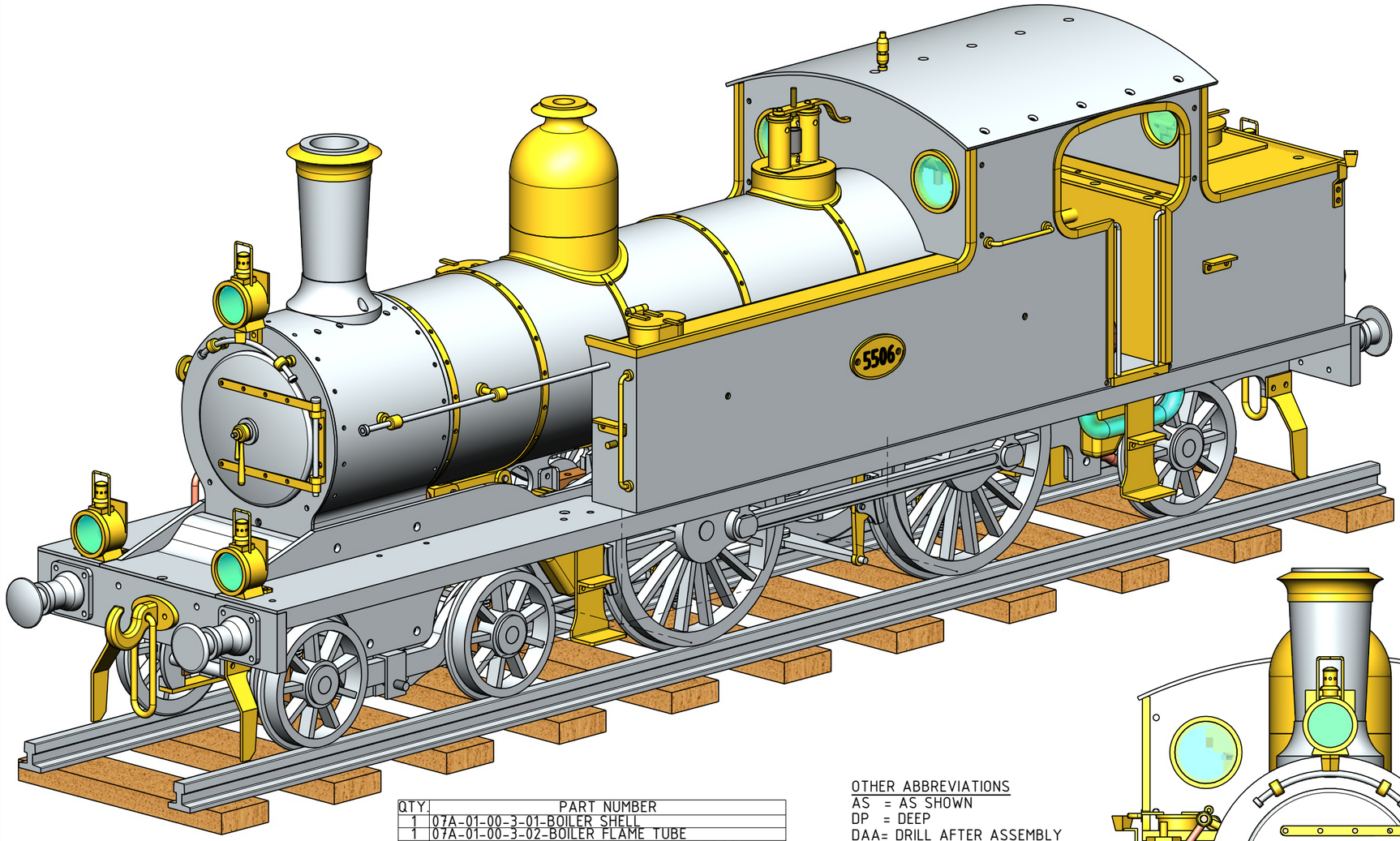
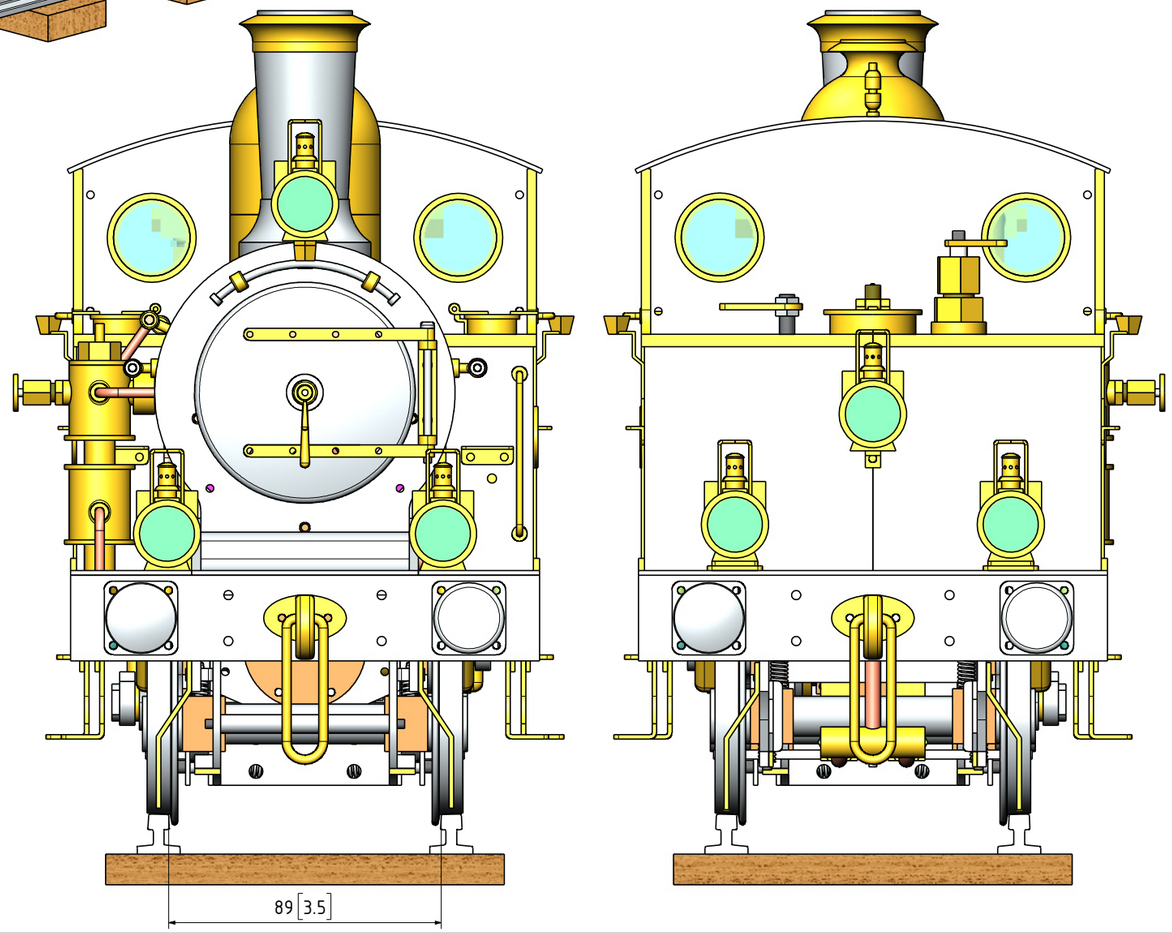


NOTES:
0. ALL DRAWINGS ARE IN METRIC MEASUREMENTS
1. ALL ENGINEERING PRACTICES SHALL BE APPLIED WITH REGARDS TO HOLE AND SHAFT TOLERANCES.
2. WHERE SCREWS OR BOLTS ARE USED THE CLEARANCE HOLES SHALL BE APPROXIMATELY 5% TO 8% LARGER THAN THE MATCHING TAPPED HOLE.
3. PREFERABLY ALL TAPPED HOLES AND MATCHING 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 SPRING WASHERS SHALL BE USED WHERE DEEMED NECESSARY.
14. INQUIRE AT THE APPROPRIATE AUTHORITIES WHETHER OR NOT THIS BOILER REQUIRE A PRESSURE TEST CERTIFICATE.
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	07A-01-00-1-01-UNDER FRAME
2	07A-01-00-1-02-BUFFER
2	07A-01-00-1-02-BUFFER
2	07A-01-00-1-03-RAIL SCOOP
2	07A-01-00-1-03-RAIL SCOOP
2	07A-01-00-1-04-PULL HOOK
2	07A-01-00-1-05-TRAILING WHEEL SPRING BRACKET
4	07A-01-00-1-06-BRAKE LEVER MOUNTING BOLT
1	07A-01-00-1-07-BRAKE LEVER SYSTEM
2	07A-01-00-1-08-TRAILING WHEEL AXLE BOX
4	07A-01-00-1-09-DRVING WHEEL AXLE BOX
1	07A-01-00-1-10-MECH WATER PUMP
1	07A-01-00-1-11-CYLINDER CRADLE
2	07A-01-00-1-12-EXHAUST PIPE
1	07A-01-00-2-01-TRAILNG WHEELS
1	07A-01-00-2-02-BOGIE FRAME
2	07A-01-00-2-03-BOGIE WHEELS
1	07A-01-00-2-04-DRIVEN WHEEL
1	07A-01-00-2-05-COUPLED WHEEL
2	07A-01-00-2-06-WATER PUMP PISTON
2	07A-01-00-2-07-WATER PUMP ECCENTRIC STRAP
1	07A-01-00-2-08-PISTON+CROSSHEAD
1	07A-01-00-2-09-CON-ROD
2	07A-01-00-2-10-COULPLING ROD
1	07A-01-00-2-11-SLIDE VALVE ROCKING SHAFT
1	07A-01-00-2-12-SLIDE VALVE
1	07A-01-00-2-13-SLIDE VALVE LINK
1	07A-01-00-2-14-SLIDE VALVE ECCENTRIC STRAP

QTY.	PART NUMBER
1	07A-01-00-3-01-BOILER SHELL
1	07A-01-00-3-02-BOILER FLAME TUBE
1	07A-01-00-3-03-STEAM SUPPLY REGULATOR
1	07A-01-00-3-04-NON RETRURN VALVE
1	07A-01-00-3-05-STEAM SUPPLY MANIFOLD
1	07A-01-00-3-06-WATER LEVEL GAUGE
1	07A-01-00-3-07-BOILER CLADDING
1	07A-01-00-3-08-SAFETY VALVES BASE
1	07A-01-00-3-09-STEAM DOME
1	07A-01-00-3-10-SAFETY VALVES
1	07A-01-00-3-11-SAFETY VALVES SPRING
2	07A-01-00-3-12-MANHOLE COVER
1	07A-01-00-3-13-DUMMY STEAM PIPE+SUPPORTS
2	07A-01-00-3-14-BOILER HAND RAIL SUPPORT
1	07A-01-00-3-15-SMOKE BOX
1	07A-01-00-3-16-CHIMNEY
1	07A-01-00-3-17-SMOKE BOX FRONT HAND RAIL
1	07A-01-00-3-18-SMOKE BOX DOOR
2	07A-01-00-3-24-SMOKE BOX HAND RAIL SUPPORT
2	07A-01-00-3-19-SMOKE BOX SIDE HAND RAIL
1	07A-01-00-3-20-DISPLACEMENT OILER
1	07A-01-00-3-21-STEAM SUPPLY CONNECTOR
6	07A-01-00-3-22-HEAD LAMP
1	07A-01-00-3-23-STEAM SUPPLY REGULATOR PIPE
1	07A-01-00-4-01-FOOTPLATE
1	07A-01-00-4-02-SIDE WATER TANK
1	07A-01-00-4-02-SIDE WATER TANK
2	07A-01-00-4-03-NUMBER SHIELD
1	07A-01-00-4-04-GAS BURNER
1	07A-01-00-4-05-GAS TANK WATER CONTAINER
1	07A-01-00-4-06-BYPASS VALVE
1	07A-01-00-4-07-GASTANK+FILLER VALVE
1	07A-01-00-4-08-GASTANK AIR RELIEF VALVE
1	07A-01-00-4-09-GAS MAIN SUPPLY VALVE
1	07A-01-00-4-10-HAND PUMP
1	07A-01-00-4-11-CABIN PLATE WORK
4	07A-01-00-4-12-CABIN WINDOWS
1	07A-01-00-4-13-LIFT-OFF ROOF
1	07A-01-00-M-89mm-RAIL

NOTES: THE ORIGINAL DESIGN WAS PUBLISHED IN THE "MODELBOUWER" MAGAZINES 3 TO 8 (2002) DRAWING NUMBER SERIES 20.00.39 SHT01 TO 22. DATED JULY 1996. DRAWN BY G.WIEGERINCK.

TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

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

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
DWG SCALE: 1:1 @A3 OR AS SHOWN
DATE DECEMBER 2020
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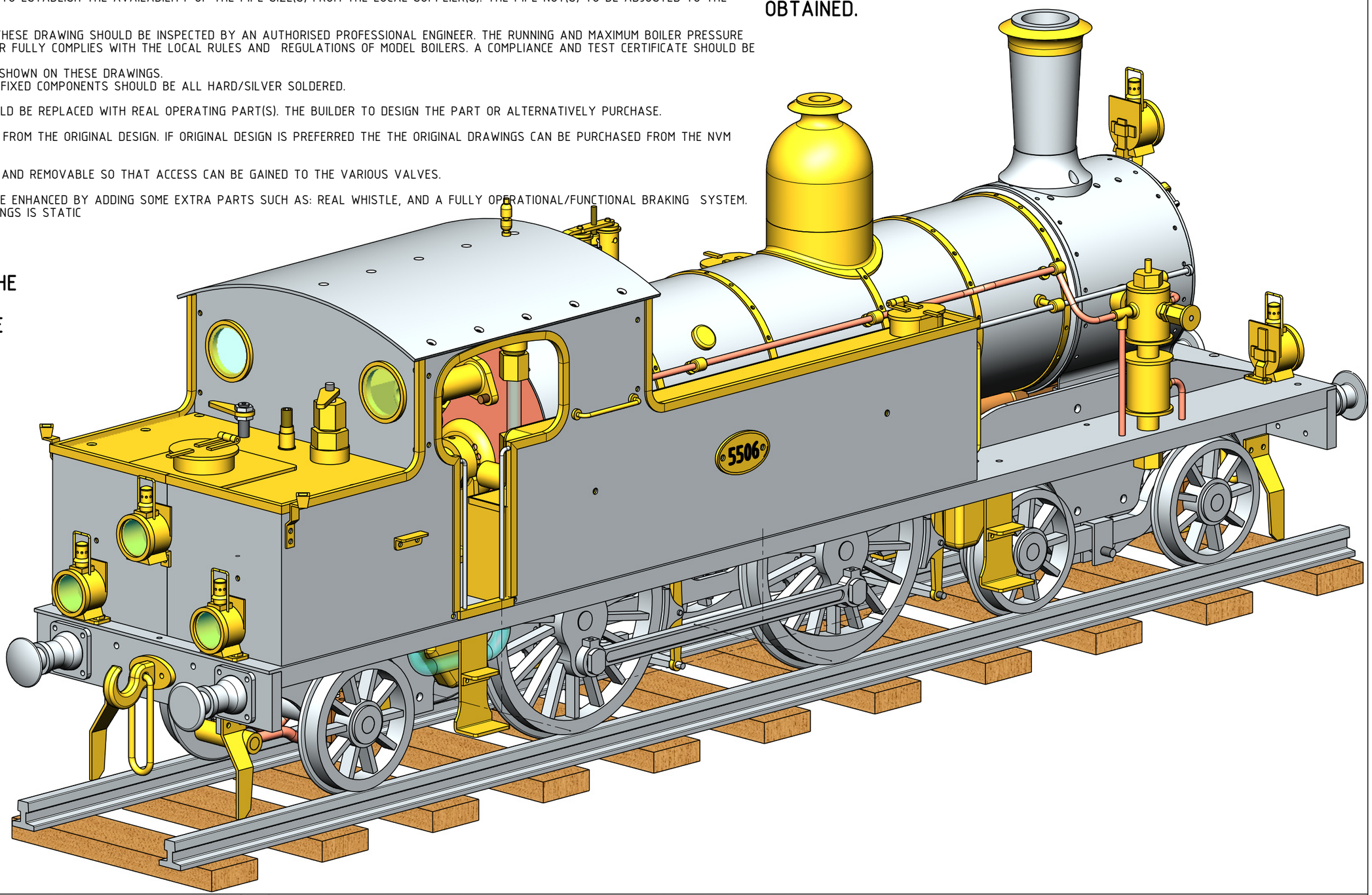
SHEET: 02 OF 15 | A3 | No: 07A-01-00-SHT02

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES

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.
2) PRESSURE GAUGE.
NO PRESSURE GAUGE HAS BEEN SHOWN ON THESE DRAWINGS, HOWEVER A CONNECTION POINT HAS BEEN CATERED FOR.
THE RANGE OF THE PRESSURE GAUGE TO BE DETERMENT AFTER MAXIMUM BOILER PRESSURE IS ESTABLISHED AND THE AVAILABILITY ON THE MARKET. THE PRESSURE GAUGE IS A PROPRIETY ITEM.
3) PIPING
PREFERABLY ALL PIPING TO BE COPPER. THE PIPING ON THE DRAWINGS ARE INDICATIVE ONLY. THE BUILDER TO ESTABLISH THE PIPE LENGTH AND ROUTE FROM WORK PIECE. THE PIPE SIZES ARE INDICATIVE ONLY. THE BUILDER TO ESTABLISH THE AVAILABILITY OF THE PIPE SIZE(S) FROM THE LOCAL SUPPLIER(S). THE PIPE NUT(S) TO BE ADJUSTED TO THE USED PIPE SIZE.
4) BOILER.
BEFORE STARTING: THE BOILER AS SHOWN ON THESE DRAWING SHOULD BE INSPECTED BY AN AUTHORISED PROFESSIONAL ENGINEER. THE RUNNING AND MAXIMUM BOILER PRESSURE TO BE CALCULATED. MAKE SURE THE THE BOILER FULLY COMPLIES WITH THE LOCAL RULES AND REGULATIONS OF MODEL BOILERS. A COMPLIANCE AND TEST CERTIFICATE SHOULD BE OBTAINED.
BOILER INSULATION AND BOILER CLADDING ARE SHOWN ON THESE DRAWINGS.
THE BOILER AND GASTANK AND ITS ATTACHED FIXED COMPONENTS SHOULD BE ALL HARD/SILVER SOLDERED.
5) DUMMY PARTS.
IF PREFERRED SOME OF THE DUMMY PARTS COULD BE REPLACED WITH REAL OPERATING PART(S). THE BUILDER TO DESIGN THE PART OR ALTERNATIVELY PURCHASE.
6) ALTERED PARTS.
SOME OF THE PARTS/COMPONENTS MAY DIFFER FROM THE ORIGINAL DESIGN. IF ORIGINAL DESIGN IS PREFERRED THE THE ORIGINAL DRAWINGS CAN BE PURCHASED FROM THE NVM ARCHIVES.
7) CABIN ROOF
THE CABIN ROOF SHOULD BE A LIGHT PUSH FIT AND REMOVABLE SO THAT ACCESS CAN BE GAINED TO THE VARIOUS VALVES.
8) ENHANCEMENT
THE APPEARANCE OF THE LOCOMOTIVE COULD BE ENHANCED BY ADDING SOME EXTRA PARTS SUCH AS: REAL WHISTLE, AND A FULLY OPERATIONAL/FUNCTIONAL BRAKING SYSTEM. THE BRAKING SYSTEM SHOWN ON THESE DRAWINGS IS STATIC

IMPORTANT NOTE:
BEFORE STARTING: IT IS STRONGLY ADVISED THAT THE GAS TANK AS SHOWN ON THESE DRAWINGS SHOULD BE INSPECTED BY AN AUTHORISED PROFESSIONAL ENGINEER AND THE MAXIMUM TANK PRESSURE TO BE CALCULATED.
MAKE SURE THE GAS TANK FULLY COMPLIES WITH THE LOCAL RULES AND REGULATIONS OF MODEL GAS TANKS
A COMPLIANCE AND SAFETY/TEST CERTIFICATE SHOULD BE OBTAINED.

IMPORTANT NOTE:
BEFORE STARTING: IT IS STRONGLY ADVISED THAT THE BOILER AS SHOWN ON THESE DRAWINGS SHOULD BE INSPECTED BY AN AUTHORISED PROFESSIONAL ENGINEER AND THE WORKING AND MAXIMUM BOILER PRESSURE TO BE CALCULATED.
MAKE SURE THE BOILER FULLY COMPLIES WITH THE LOCAL RULES AND REGULATIONS OF MODEL BOILERS.
A COMPLIANCE AND SAFETY/TEST CERTIFICATE SHOULD BE OBTAINED.



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TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS
ISOMETRIC VIEW, NOTES

JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECT No 07A-01-00
PROJECTION
JDWDS
MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
DWG SCALE: 1:1 @A3 OR AS SHOWN
DATE DECEMBER 2020
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SHEET: 03 OF 15
A3
No: 07A-01-00-SHT03

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES

ALL OTHER HOLES ∅2.5mm

THIS HOLE IN LEFTHAND PLATE

THIS HOLE IN RIGHTHAND PLATE

REFER TO OTHER

2.5mm THICK SCALE 1:2

LEFTHAND

RIGHTHAND

REAR

FRONT

68-MAX

DTAA

6mm THICK SCALE 1:1.5

1.5mm THICK

3mm THICK

SECTION A-A

6 COILS

SCALE 1:1.5

OPPOSITE FACE EQUAL

REFER TO 1-02.3 FOR ALL OTHER DIMENSION DETAILS

SPLIT LINE

MIRROR IMAGE

11 COILS

15 COILS

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TITLE

A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES

J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION JDWDS

DATE DECEMBER 2020

SHEET: 04 OF 15

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

DWG SCALE: 1:1 @A3 OR AS SHOWN

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A3 No: 07A-01-00-SHT04

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TITLE

A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES

J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

DWG SCALE: 1:1 @A3 OR AS SHOWN

DATE DECEMBER 2020

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SHEET: 05 OF 15 | A3 | No: 07A-01-00-SHT05

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SCALE 1:1.5

SCALE 1:1.5

SCALE 1:1.5

SCALE 1:1.5

SCALE 1:1.5

9 SPOKES EQUALY SPACED

SECTION A-A
SCALE 1 : 1.5

18 SPOKES
EQUALY SPACED

SECTION B-B
SCALE 1 : 1.5

REFER TO 2-04.1
FOR ALL OTHER
DIMENSION DETAILS

SCALE 1:2

WHEEL CRANKS ARE
90deg OFF SET

WHEEL CRANKS ARE
90deg OFF SET

SCALE 1:1.5

2.5mm THICK

7mm THICK
SCALE 1:1.5

SCALE 1:1.5

SCALE 1:1.5

1.5mm THICK

95-MAX/MIN

O-RING

SPLIT LINE

NOTES: THE ORIGINAL DESIGN WAS PUBLISHED IN THE "MODELBOUWER" MAGAZINES 3 TO 8 (2002) DRAWING NUMBER SERIES 20.00.39 SHT01 TO 22. DATED JULY 1996. DRAWN BY G.WIEGERINCK.

TITLE

A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

JDW DRAUGHTING SERVICES
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PROJECT No 07A-01-00

PROJECTION

JDWDS

DATE DECEMBER 2020

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

DWG SCALE: 1:1 @A3 OR AS SHOWN

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SHEET: 06 OF 15 A3 No: 07A-01-00-SHT06

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES

2-10
2-11.1
2-11.2
2-11.3
2-11.4
2-11.5
2-12.1
2-12.2
2-12.3
2-12.4
2-12.5
2-13
2-14.1
2-14.2
3-01.1
3-01.2
3-01.3
3-01.4
3-01.5
3-01.6
3-01.7
3-01.8
3-01.9
3-02.1
3-02.2
3-03.1
3-03.2
3-03.3
3-03.4
3-03.5
ENTIRE BOILER AND FIXED PARTS TO BE HARD SOLDERED
HARD SOLDER
HARD SOLDER ALL
THERMAL BLANKET MAKE TO FIT THE BOILER
O-RING SEAL
SEAL
3mm DEEP
3mm THICK
5mm THICK
4.5mm THICK
78.5-MAX/MIN
SCALE 1:2
SCALE 1:2.5
SCALE 1:3
SCALE 1:1.5
SECTION A-A
SA-1-110
SA-2-210
2-01
2-02
2-03
2-04
2-06
2-07
2-08
2-09
2-10
2-11
2-12
2-13
2-14

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TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
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SHEET: 07 OF 15 | A3 | No: 07A-01-00-SHT07

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES

3-04.1
3-04.2
3-04.3
3-04.4
3-04.5
SECTION A-A
TUBE 5x4
SCALE 1:1.5
3-07.1
TAKE OVER FROM 3-01.3
SCALE 1:2
TAKE OVER ALL HOLES FROM 3-07.1
3-07.2L
3-07.2R
SCALE 1:2 MIRROR IMAGE OF 3-07.2R
3-07.3
3-05.1
3-05.2
3-05.3
3-05.4
TUBE 4x3
3-06.1
3-06.2
3-06.3
3-06.4
3-06.5
3-06.6
O-RING SEAL
3-08.1
3-08.2
SOLDER
SCALE 1:1.5
3-09.1
3-09.2
SCALE 1:1.5
3-10.1
3-10.2
3-10.3
3-10.4
3-10.5
SECTION C-C
3-11
11 COILS
3-12
3-13.1
3-13.2
3-13.3
REFER TO 3-13.1
PLUG
3-14
3-15.1
3-15.2
3-15.3
3-15.4
3-15.5
3mm THICK
SCALE 1:1.5
3-15.6
3-15.7
3-15.8
SCALE 1:2

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DRAWING CONTENTS
PARTS AND ASSEMBLIES

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PROJECTION
JDWDS
DATE
DECEMBER 2020

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
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SHEET: 08 OF 15
A3
No: 07A-01-00-SHT08

DRAWINGS ARE FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES

3-15.10
3-15.11
3-15.12
3-15.1
3-15.2
3-15.3
3-15.4
3-15.5
3-15.6
3-15.7
3-15.8
3-15.9
3-16.1
3-16.2
3-16.3
3-16.4
3-17
3-18.1
3-18.2
3-18.3
3-18.4
3-18.5
3-18.6
3-19
3-20.1
3-20.2
3-20.3
3-20.4
3-20.5
3-20.6
3-20.7
3-20.8
3-20.9
3-20.10
3-20.11
3-20.12
3-20.13
3-20.14
3-21.1
3-21.2
3-21.3
3-21.4
3-22.1
3-22.2
3-22.3
3-22.4
3-22.5
3-22.6
3-22.7
3-23.1
3-23.2
3-23.3
3-24
SA-3-301

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TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
DWG SCALE: 1:1 @A3 OR AS SHOWN
DATE DECEMBER 2020
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SHEET: 09 OF 15 | A3 | No: 07A-01-00-SHT09

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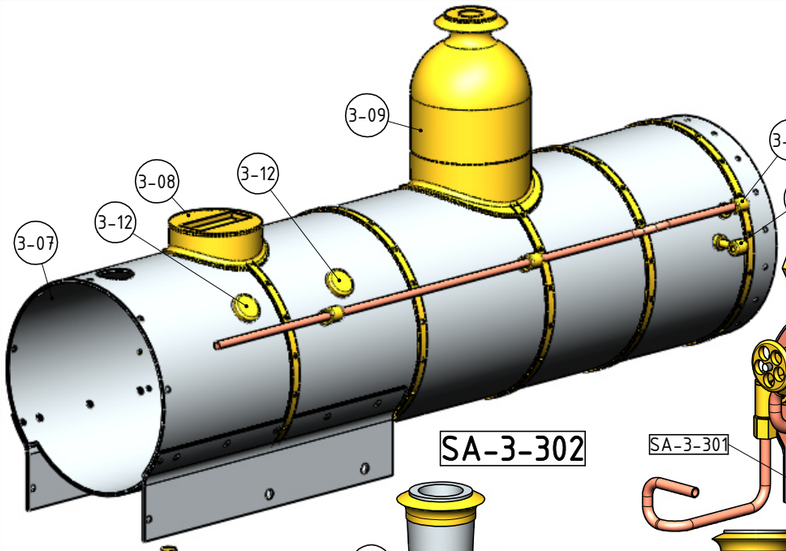

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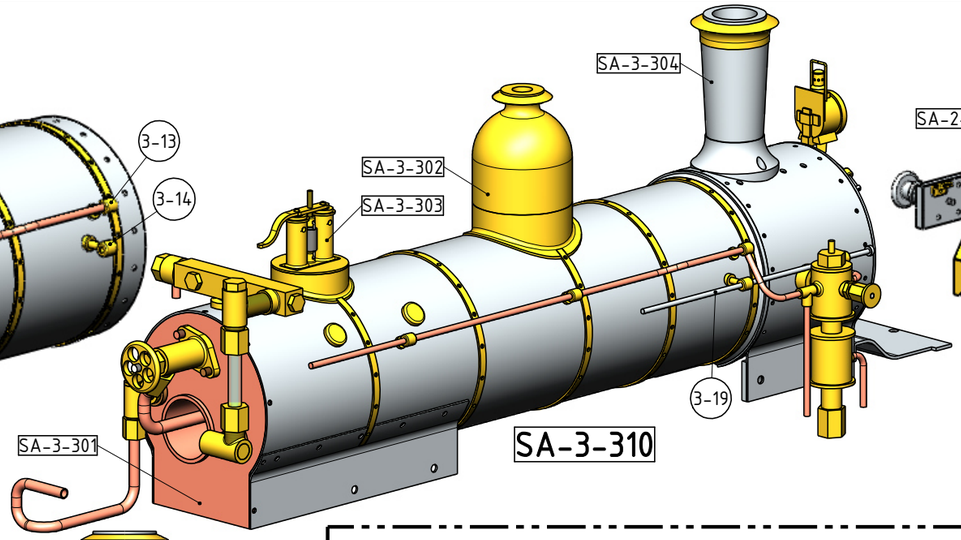

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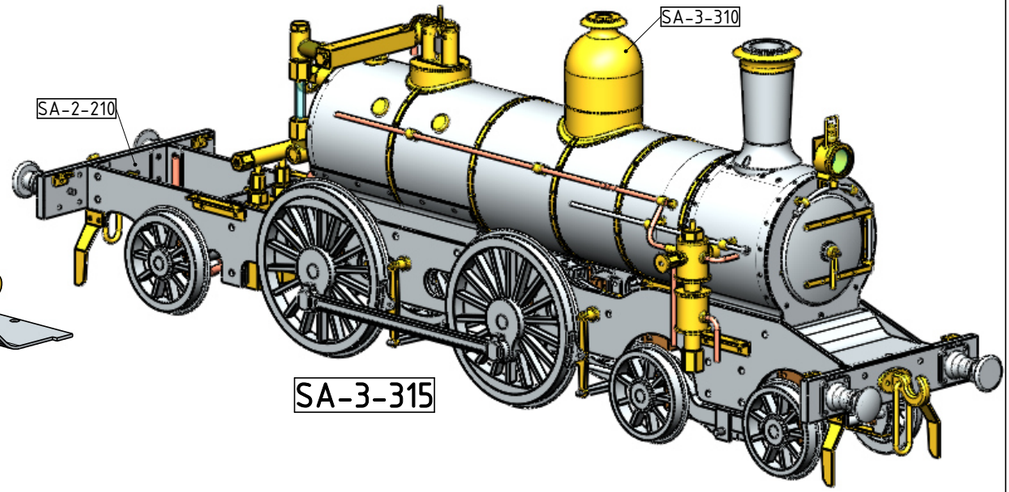

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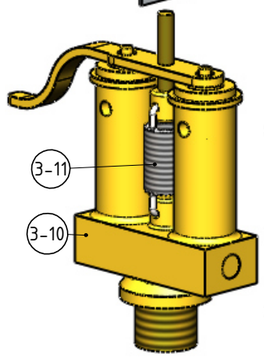

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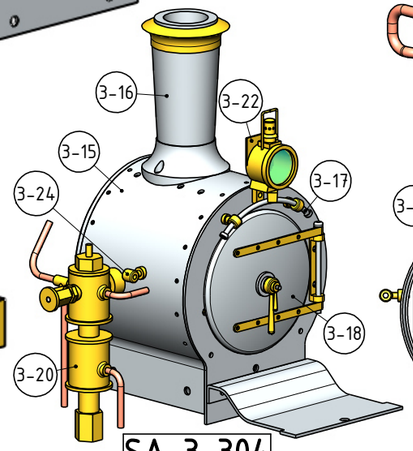

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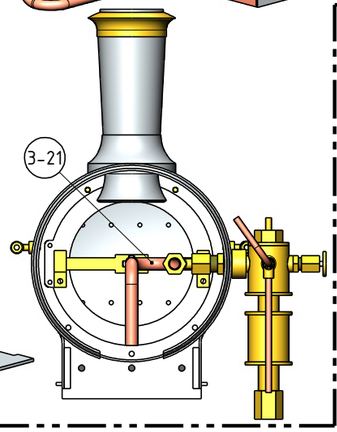

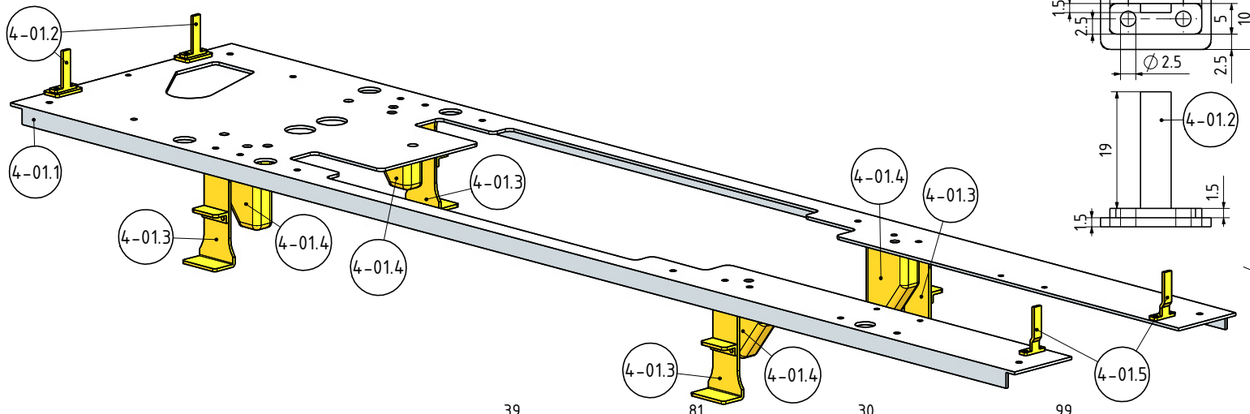

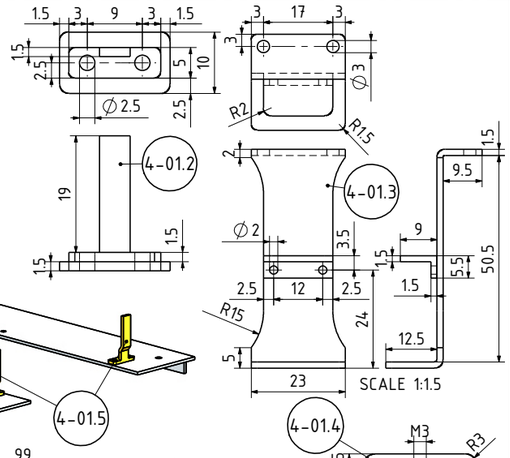

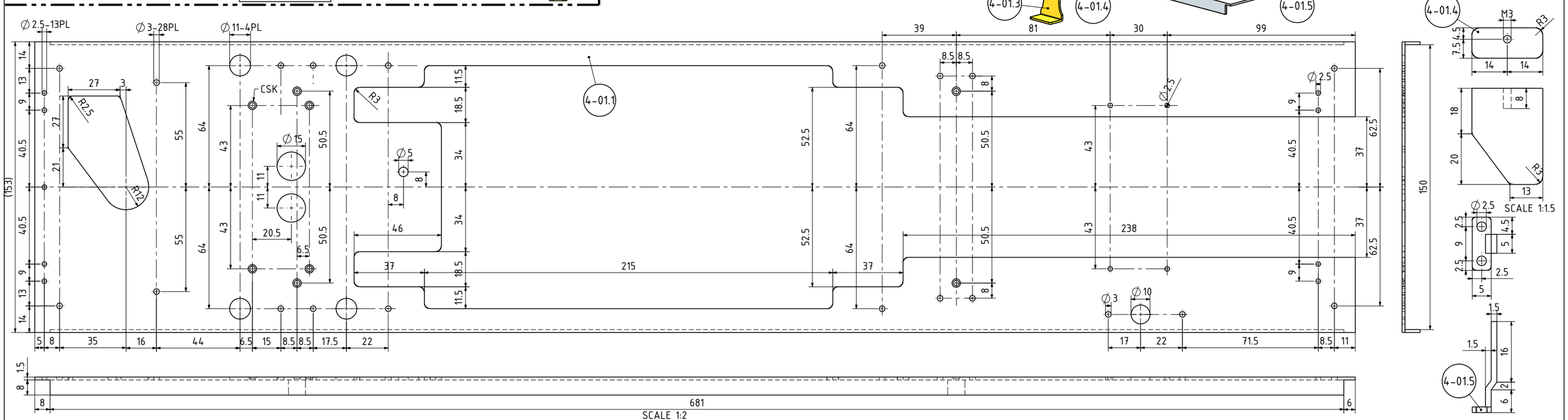

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TITLE

A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION | JDWDS | MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

DATE DECEMBER 2020 | DWG SCALE: 1:1 @A3 OR AS SHOWN

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SHEET: 10 OF 15 | A3 | No: 07A-01-00-SHT10

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303 INSIDE
23 INSIDE
SCALE 1:2
CSK NEAR SIDE ONLY
SOLDER
SCALE 1:2
SCALE 1:2
3mm THICK SCALE 1:2
9.5mm THICK SCALE 1:2
LEFTHAND WATER TANK
RIGHTHAND WATER TANK (MIRROR IMAGE)
THE WATER TANKS SHOULD BE MADE WATERTIGHT AND LEAK PROOF
1.5mm THICK SCALE 1:3
TAKE OVER FROM D&TAA
TAKE OVER FROM 4-05.3
1.5mm THICK SCALE 1:3
144-OUTSIDE
M3-14PL
D&TAA
ANGLE 8x8x1.5
104-OUTSIDE
ENTIRE FRAME TO BE SOLDERED TOGETHER
SOLDER PARTS 4-05.1, .2, .3, AND .4 TO FORM A LEAKPROOF CONTAINER
144-INSIDE
OPPOSITE FACE ONLY
104-INSIDE
MATERIAL 1mm THICK
CUT OUT IN BOTTOM FRAME ONLY
SCALE 1:3
SCALE 1:3
ANGLE 6x6x1
CLEAR PLASTIC HOSE 8x6
SCALE 1:2
THIS COMPLETE UNIT TO BE REMOVABLE
SCALE 1:1.5
SCALE 1:1.5
SCALE 1:1.5
6mm THICK
SCALE 1:1.5
FREE TURNING
SOLDER
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TITLE
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DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION
DATE DECEMBER 2020
SHEET: 11 OF 15

JDWDS
MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
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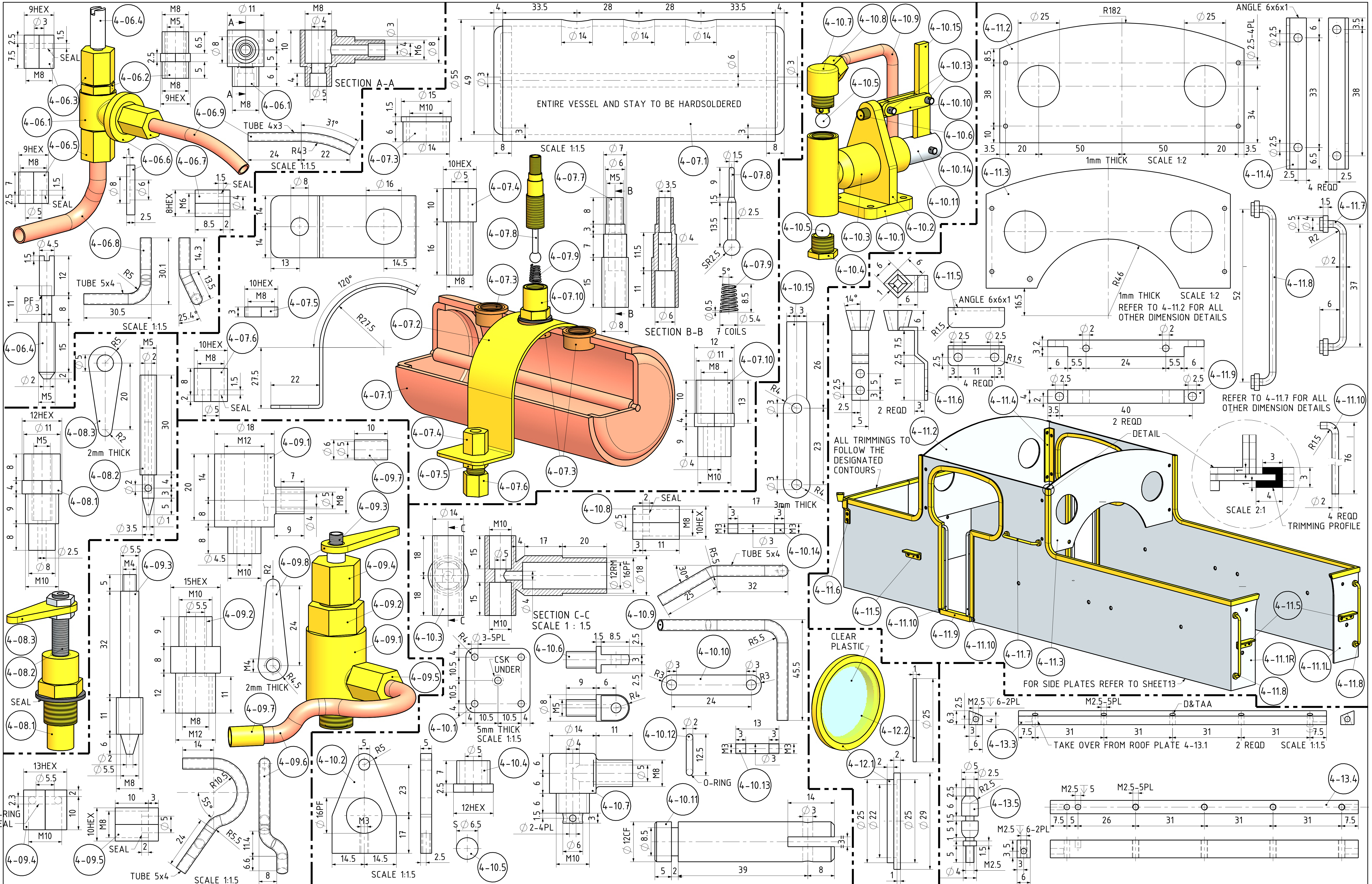

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TITLE

A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION

JDWDS

DATE DECEMBER 2020

SHEET: 12 OF 15

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

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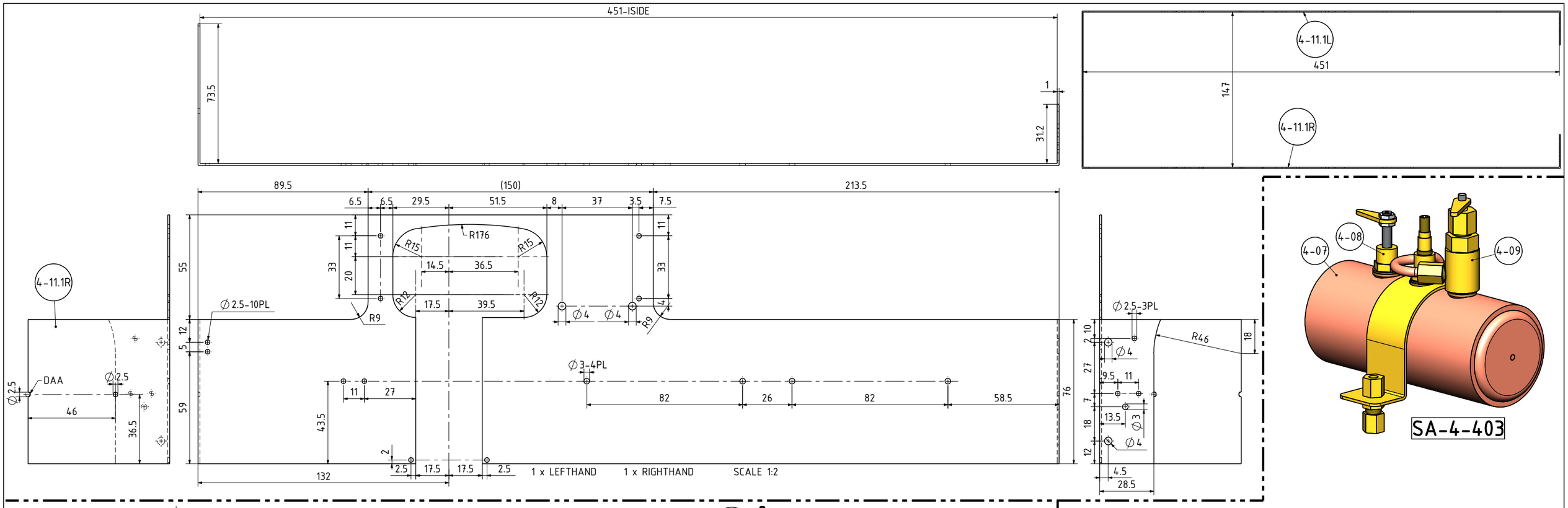

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A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00

JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION JDWDS

DATE DECEMBER 2020

SHEET: 13 OF 15

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

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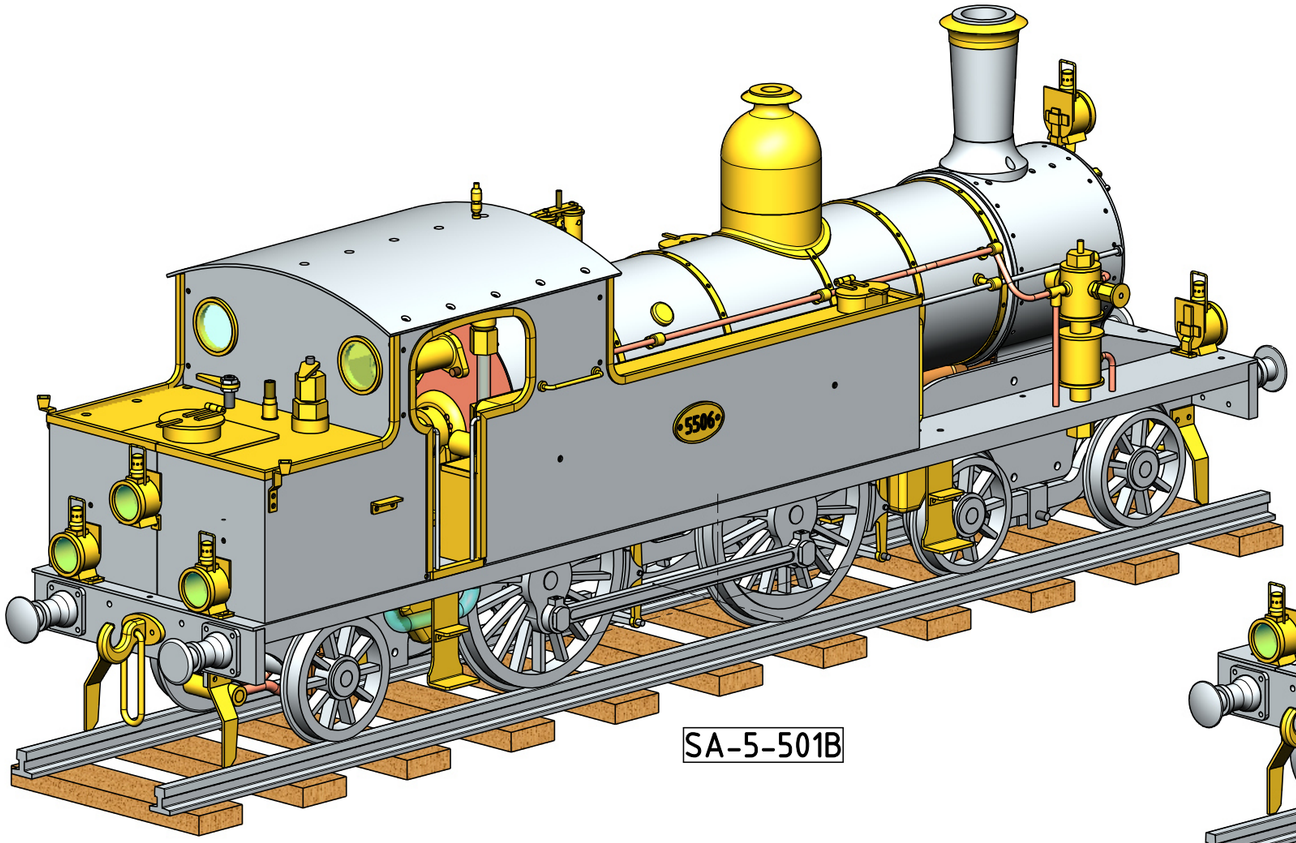

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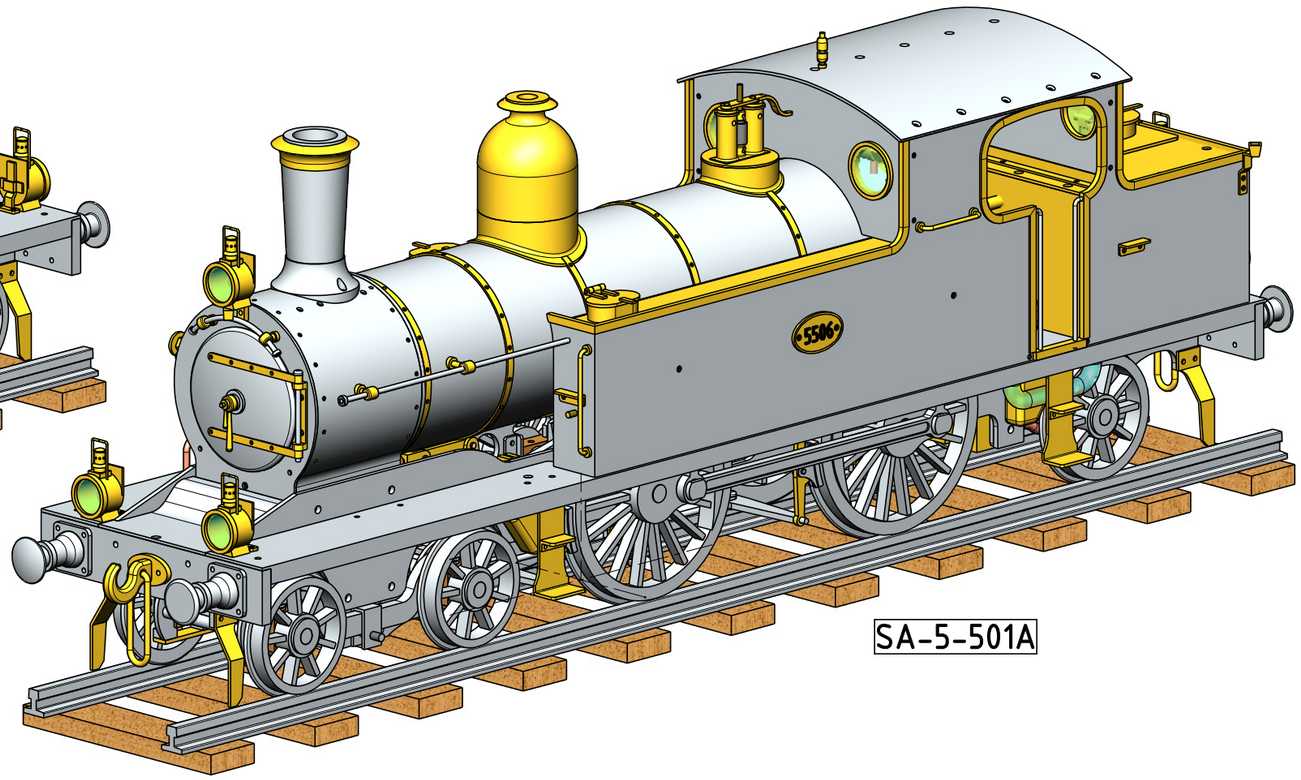

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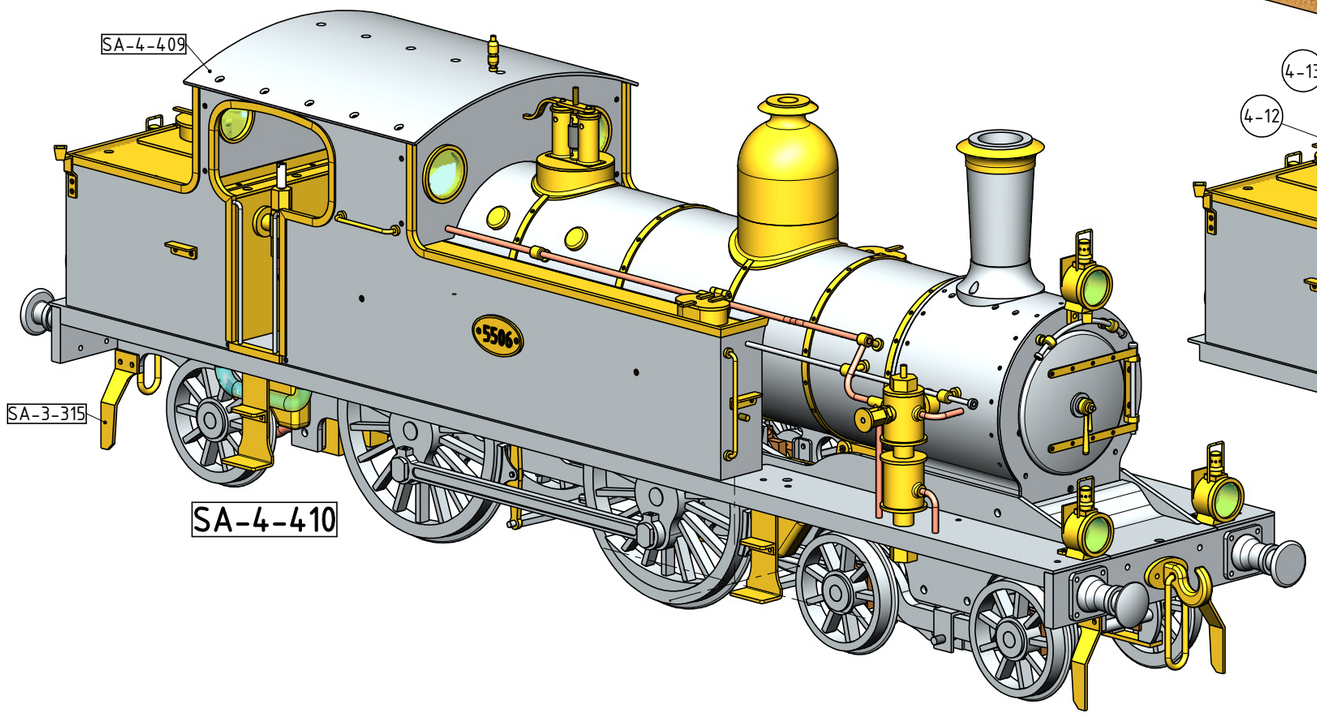

SA-4-410

SA-4-409

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TITLE

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DRAWING CONTENTS

PARTS AND ASSEMBLIES

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION JDWDS

DATE DECEMBER 2020

SHEET: 14 OF 15

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)

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TITLE
A GAS FIRED MODEL STEAM LOCOMOTIVE OF THE DUTCH RAILWAYS SERIES 5500

DRAWING CONTENTS
RENDERED PICTURE

PROJECT No 07A-01-00
JDW DRAUGHTING SERVICES
J.A.M. DE WAAL. 12 BRIGHTWELL STREET PAPAKURA 2110. NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION JDWDS
DATE DECEMBER 2020
SHEET: 15 OF 15

MODEL SCALE: 1:16 (89mm/3.5" GAUGE)
DWG SCALE: 1:1 @A3 OR AS SHOWN
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