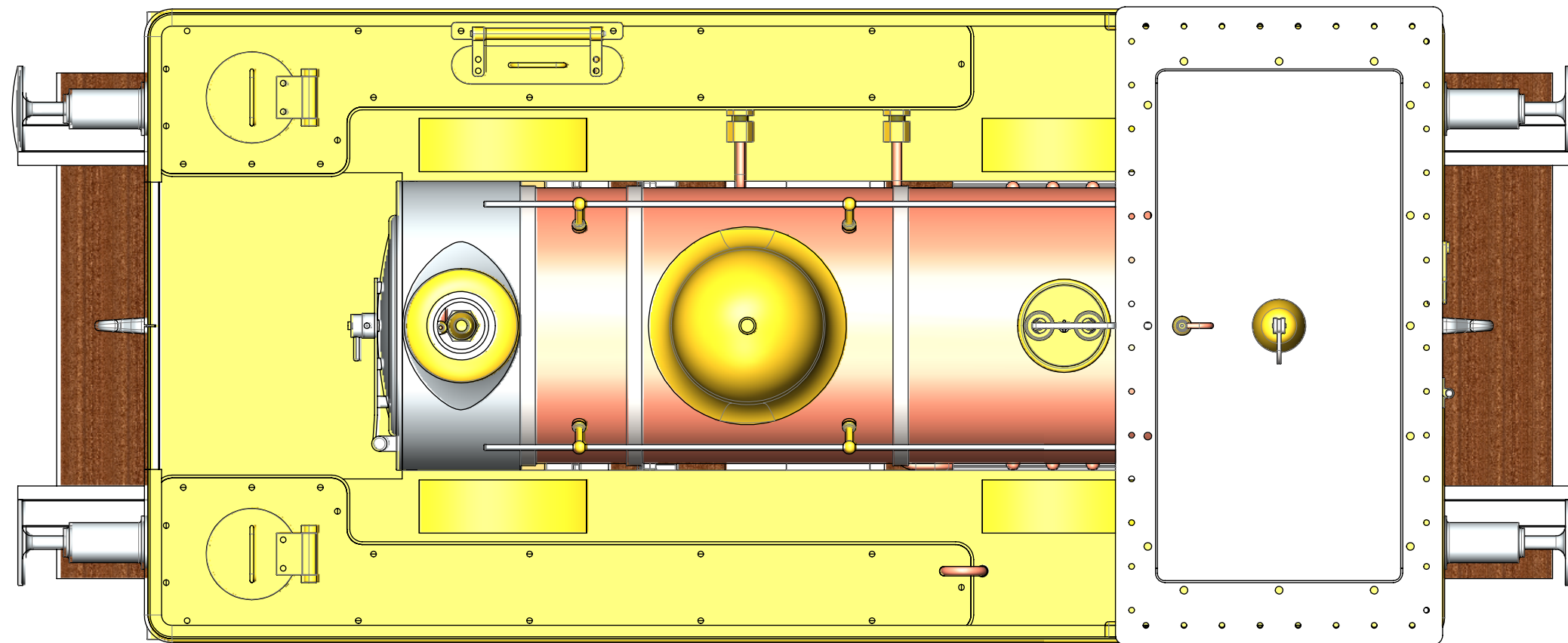
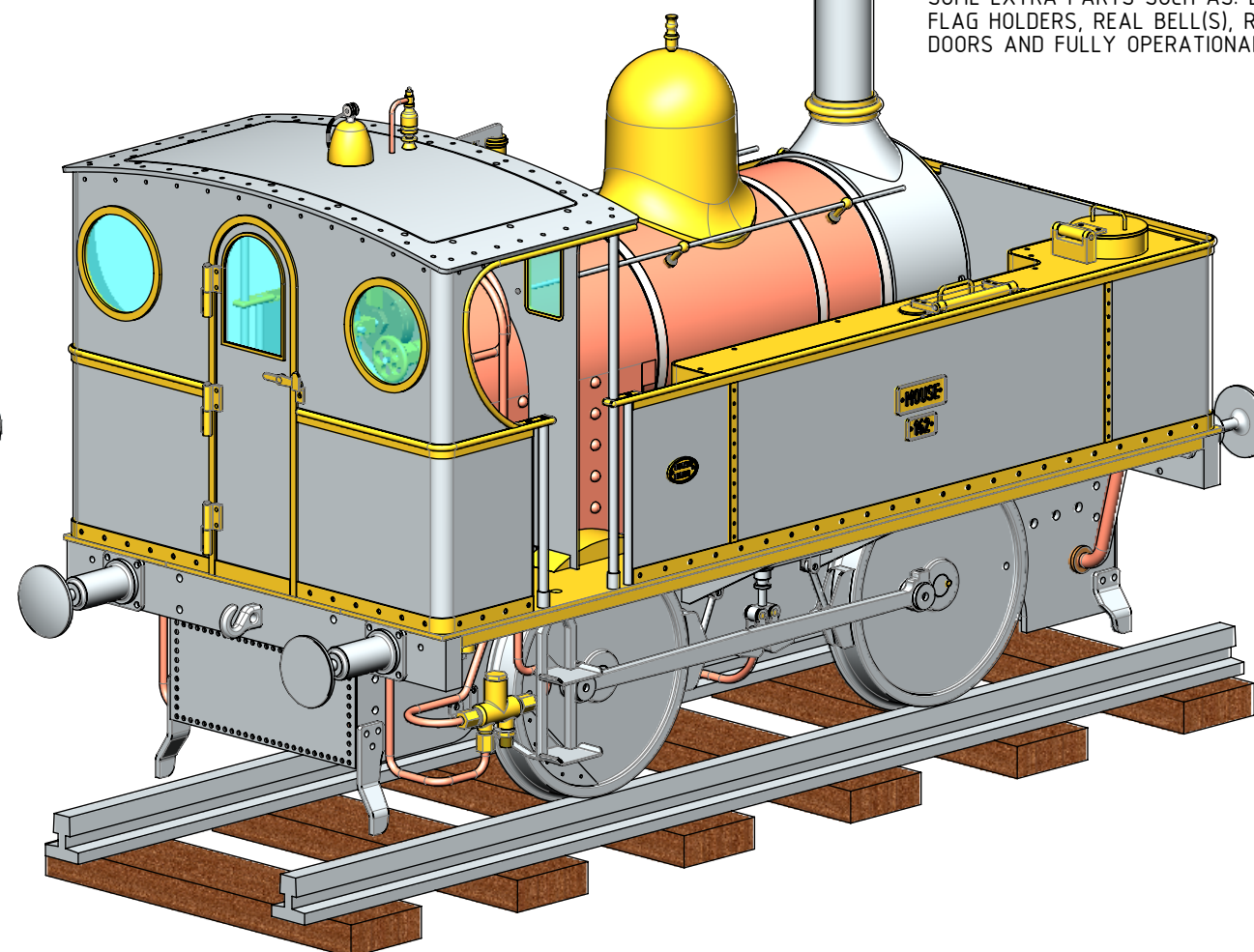
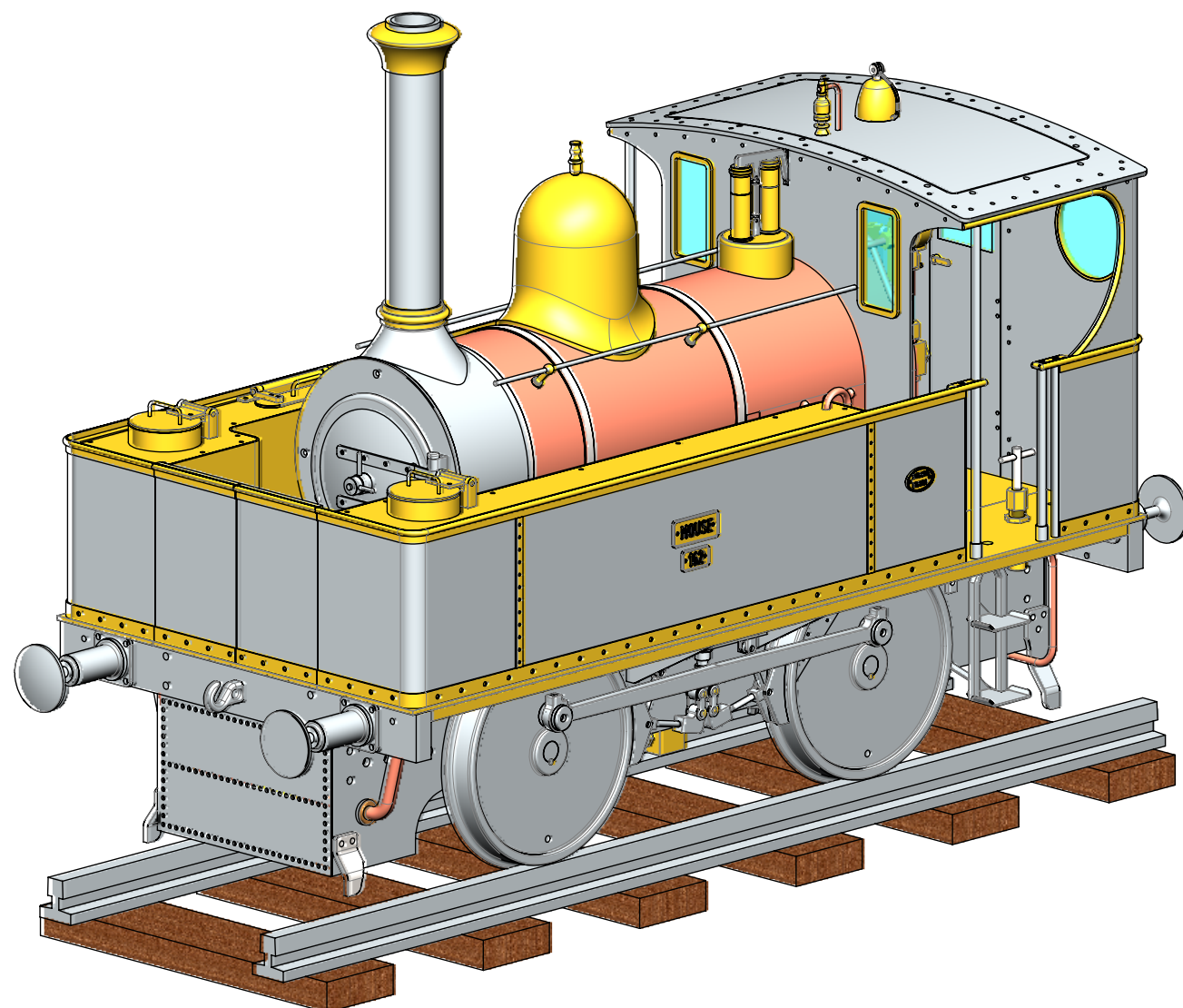




ADDITIONAL NOTES ABOUT THESE DRAWINGS:
 0) NO MATERIALS HAVE BEEN SPECIFIED ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED MATERIAL FOR THE PARTS/COMPONENTS. THE FOLLOWING COLOURS ON THE DRAWINGS INDICATES POSSIBLE MATERIALS WHICH CAN BE USED FOR PARTS:
 YELLOW=BRASS, LIGHT GREY=ALUMINIUM 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 AND WASHERS HAVE BEEN SHOWN ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED TYPE OF FASTENERS.
 2) PRESSURE GAUGE.
 THE RANGE OF THE PRESSURE GAUGE TO BE DETERMINED AFTER MAXIMUM BOILER PRESSURE IS ESTABLISHED AND THE AVAILABILITY ON THE MARKET. THE PRESSURE GAUGE IS A PROPRIETARY 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 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 NOT SHOWN ON THESE DRAWINGS. IF BOILER INSULATION AND BOILER CLADDING ARE PREFERRED THEN THE FOLLOWING COULD BE CONSIDERED: INSULATION MATERIAL 2mm THICK AND CLADDING 0.5mm THICK. THE BOILER STRAPS DIAMETER SHOULD BE ADJUSTED ACCORDINGLY.
 THE BOILER DOME IS REMOVABLE SO THAT THERE IS ACCESS TO THE BOILER WATER FILLER CAP.

5) CHIMNEY.
 THE CHIMNEY HAS A LIGHT PRESS FIT. IT IS MADE REMOVABLE FOR TRANSPORT PURPOSES.
 6) 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.
 7) ENHANCEMENT
 THE APPEARANCE OF THE LOCOMOTIVE COULD BE ENHANCED BY ADDING SOME EXTRA PARTS SUCH AS: LAMP HOLDERS, FRONT AND REAR LIGHTS, FLAG HOLDERS, REAL BELL(S), REAL WHISTLE, OPENING AND CLOSING FRONT DOORS AND FULLY OPERATIONAL BRAKE SYSTEM.

8) CONTACT.
 IF THE BUILDER WISH TO OBTAIN MORE BACKGROUND INFORMATION ABOUT THE CONSTRUCTION OF THIS ENGINE THAN THE FOLLOWING PERSON(S) CAN BE CONTACTED AS FOLLOWS:
 Mr H.KAAN
redactie@stoomgroepolland.nl



NOTES: THIS DESIGN IS BASED ON DRAWINGS WHICH WERE PUBLISHED IN A ENGINEERING MAGAZINE "ONDER STOOM". THE ORIGINAL ENGINE WAS DESIGNED BY HENK KAAAN, H.E.SCHEELE AND BOILER DESIGN WAS BY JAN KOOMEN. THESE PLANS ARE 1.45 TIMES LARGER THAN THE ORIGINALS											
TITLE A MODEL OF A COAL FIRED STEAM LOCOMOTIVE OF THE HSM ANIMAL SERIES "MOUSE" No 162 184mm (7.5inch) GAUGE				DRAWING CONTENTS GENERAL ARRANGEMENT, NOTES, TOP VIEW AND ISOMETRIC VIEWS		PROJECT No 07A-10-00			JDWDS	MODEL SCALE: 1:1	
						JDW DRAUGHTING SERVICES J.A.M. DE WAAL, 12 BRIGHTWELL STREET PAPA KURA 2110, NEW ZEALAND. PHONE: 0664 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.				DWG SCALE: 1:2.5 @A3 OR AS SHOWN	
						DATE MARCH 2019				Copyright © J.A.M. DE WAAL PAPA KURA NZ	
						SHEET: 04 OF 18		A3		No: 07A-10-00-SHT04	

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