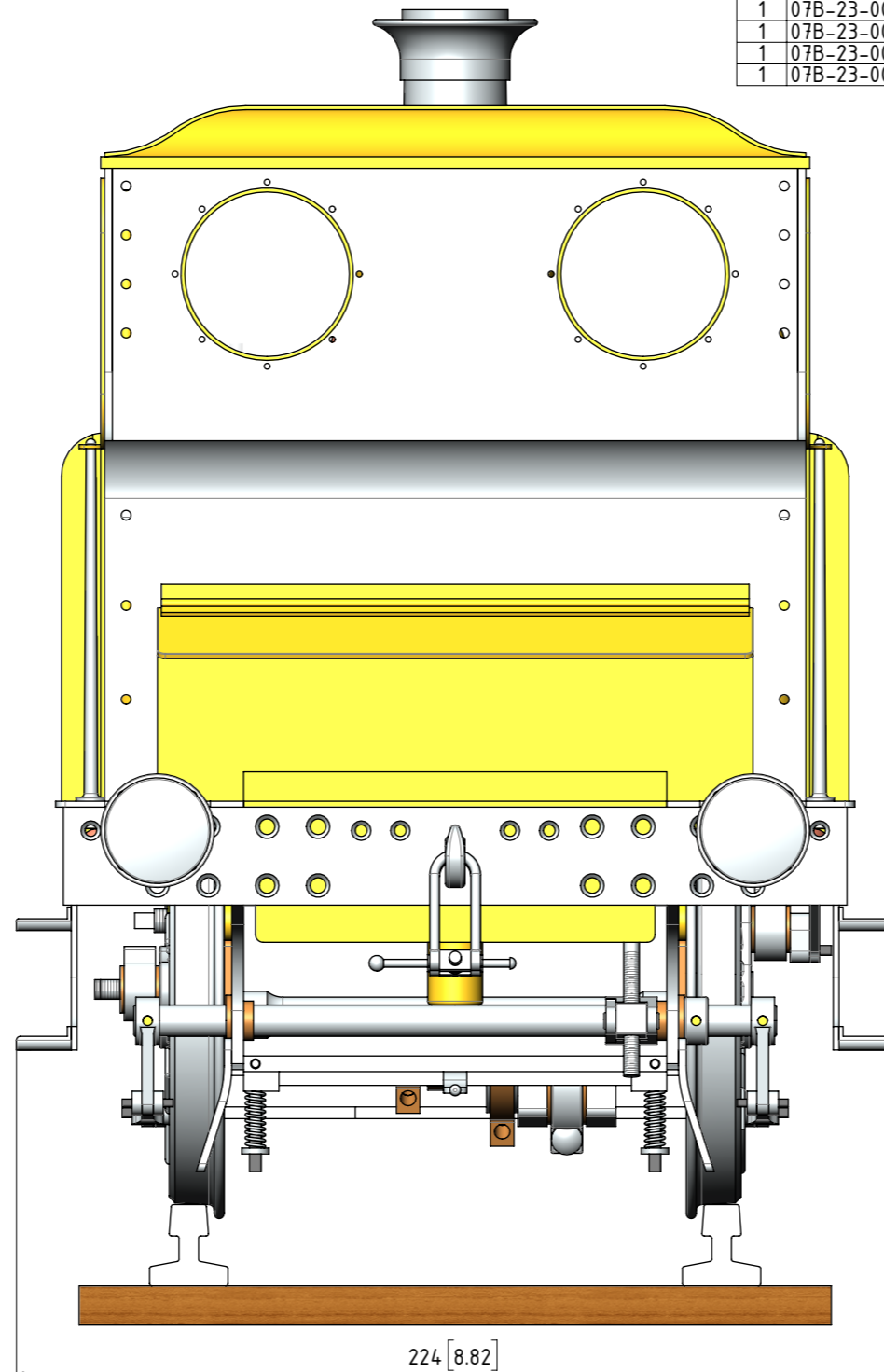
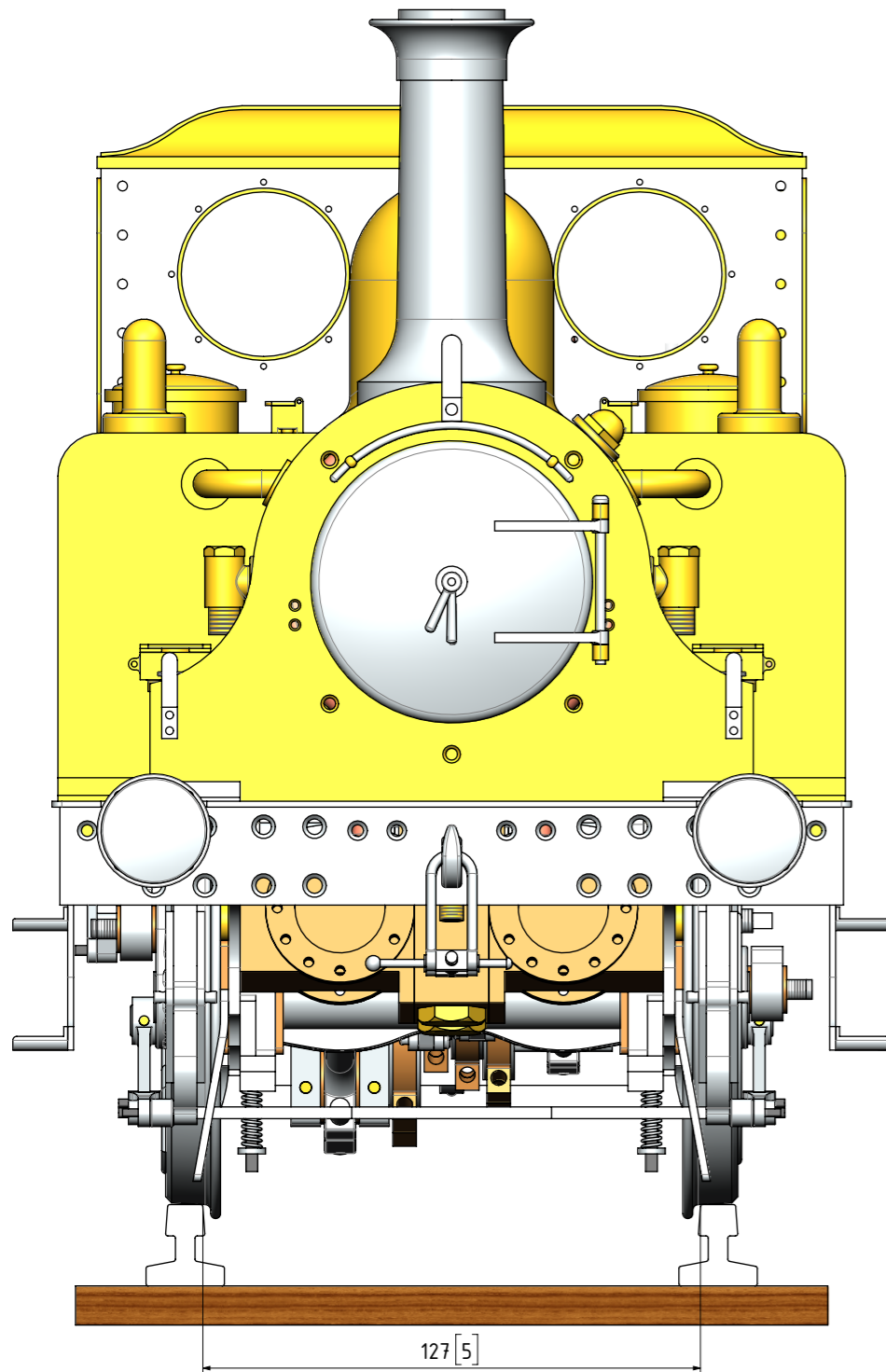


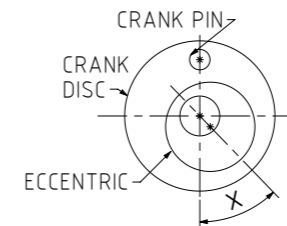
IMPORTANT NOTE:
BEFORE STARTING: IT IS STRONGLY ADVISED THAT THE BOILER AS SHOWN ON THESE DRAWINGS SHOULD BE INSPECTED BY AN AUTHORISED PROFESSIONAL ENGINEER AND THE WORKING AND MAXIMUM BOILER PRESSURE TO BE CALCULATED. MAKE SURE THE BOILER FULLY COMPLIES WITH THE LOCAL RULES AND REGULATIONS OF MODEL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

DUE TO THE LACK OF INFORMATION ON THE ORIGINAL DRAWING(S), SUCH AS VIEWS, DIMENSIONS, SECTIONS ETC AND/OR CLARITY OF COMPONENTS, OMITTED PARTS/COMPONENTS, SOME OF THE COMPONENTS MIGHT NOT BE AS CONSTRUCTED ORIGINALLY OR AS THE ORIGINAL DESIGNER INTENDED



- 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

THE OFF SET ANGLE OF THE ECCENTRIC IN RELATION TO THE CRANK AXIS TO BE EXPERIMENTALLY DETERMINED FOR THE SMOOTH RUNNING OF THE ENGINE AND SATISFACTION OF THE BUILDER



QTY.	PART NUMBER	QTY.	PART NUMBER
1	07B-23-00-1-95-BLOWER VALVE	1	07B-23-00-1-01-UNDER FRAMEWORK
1	07B-23-00-1-96-SMOKE BOX HAND RAIL	1	07B-23-00-1-02-INTERMEDIATE FRAME STRETCHER
1	07B-23-00-2-01-COUPLED WHEEL SET	1	07B-23-00-1-03-REAR FRAME STRETCHER
1	07B-23-00-2-01-COUPLED WHEEL SET	4	07B-23-00-1-04-BUFFER
1	07B-23-00-2-02-DRIVING WHEEL SET	2	07B-23-00-1-05-COUPLING HOOK
2	07B-23-00-2-03-ECCENTRICS	1	07B-23-00-1-06-LEADING MAIN HORN
1	07B-23-00-2-04-COUPLING ROD	1	07B-23-00-1-06-LEADING MAIN HORN
1	07B-23-00-2-04-COUPLING ROD	2	07B-23-00-1-07-MIDDLE MAIN HORN
1	07B-23-00-2-05-PISTON+ROD+CROSSHEAD	1	07B-23-00-1-08-TRAILING MAIN HORN
1	07B-23-00-2-05-PISTON+ROD+CROSSHEAD	1	07B-23-00-1-08-TRAILING MAIN HORN
2	07B-23-00-2-06-CON-ROD	1	07B-23-00-1-09-TRAILING MAIN HORN COVER
2	07B-23-00-2-07-SLIDE VALVE + BUCKLE	4	07B-23-00-1-10-BRAKE HANGER PIN
1	07B-23-00-2-08-WEIGHSHAFT	2	07B-23-00-1-10-BRAKE HANGER PIN
1	07B-23-00-2-09-REVERSING LEVER	2	07B-23-00-1-11-BRAKE HANGER
1	07B-23-00-2-10-REVERSING REACH ROD	1	07B-23-00-1-11-BRAKE HANGER
2	07B-23-00-2-11-EXPANSION LINK	2	07B-23-00-1-11-BRAKE HANGER
2	07B-23-00-2-12-DIE BLOCK	1	07B-23-00-1-11-BRAKE HANGER
2	07B-23-00-2-13-SUSPENSION LEVER	6	07B-23-00-1-12-BRAKE SHOE
1	07B-23-00-2-14-ECCENTRIC STRAP-1	2	07B-23-00-1-13-BRAKE CROSS BEAM
1	07B-23-00-2-14-ECCENTRIC STRAP-1	2	07B-23-00-1-14-BRAKE PULL ROD
1	07B-23-00-2-14-ECCENTRIC STRAP-2	2	07B-23-00-1-15-REAR BRAKE PULL ROD
1	07B-23-00-2-14-ECCENTRIC STRAP-2	1	07B-23-00-1-16-MAIN BRAKE SHAFT
1	07B-23-00-2-15-DUMMY LUB-SWING ARM	1	07B-23-00-1-17-MOTION PLATE
1	07B-23-00-2-16-LUBRICATOR DRIVE ROD	1	07B-23-00-1-18-CYLINDERBLOCK+VALVE CHEST
1	07B-23-00-M127mm-RAIL	2	07B-23-00-1-19-CYLINDERBLOCK FRONT COVER
		2	07B-23-00-1-20-CYLINDERBLOCK REAR COVER
		1	07B-23-00-1-21-REVERSER STAND
		1	07B-23-00-1-22-MECHANICAL FEED PUMP
		1	07B-23-00-1-23-OIL CHECK VALVE
		1	07B-23-00-1-24-FRONT GUARD IRON
		1	07B-23-00-1-24-FRONT GUARD IRON
		1	07B-23-00-1-25-REAR GUARD IRON
		1	07B-23-00-1-25-REAR GUARD IRON
		1	07B-23-00-1-26-BOILER SADDLE
		1	07B-23-00-1-27-STEAM EXHAUST MANIFOLD
		1	07B-23-00-1-28-VALVE CHEST STEAM INLET PIPE
		1	07B-23-00-1-29-GRATE+ASHPAN
		1	07B-23-00-1-41-LH+RH FOOTPLATE
		1	07B-23-00-1-42-FRONT WHEEL COVER
		1	07B-23-00-1-42-FRONT WHEEL COVER
		2	07B-23-00-1-43-CABIN STEPS
		1	07B-23-00-1-44-LH-SIDE WATER TANK
		1	07B-23-00-1-45-REMOVABLE TOP PLATE
		1	07B-23-00-1-46-RH-SIDE WATER TANK
		1	07B-23-00-1-47-RH-SIDE WATER TANK FILLER
		1	07B-23-00-1-48-DRIVERS CABIN
		4	07B-23-00-1-49-CABIN HAND RAIL
		2	07B-23-00-1-50-SIDE TANKS VENT
		1	07B-23-00-1-51-BUNKER WATER TANK+TOOL BOX
		1	07B-23-00-1-52-CABIN ROOF
		1	07B-23-00-1-53-CABIN WHEEL COVER
		1	07B-23-00-1-53-CABIN WHEEL COVER
		2	07B-23-00-1-54-BALANCE PIPE
		2	07B-23-00-1-55-3 LINE OIL BOX
		2	07B-23-00-1-56-2 LINE OIL BOX TYPE-A
		2	07B-23-00-1-57-2 LINE OIL BOX TYPE-B
		1	07B-23-00-1-58-BYPASS VALVE
		1	07B-23-00-1-59-HAND BRAKE BASE STRUCTURE
		1	07B-23-00-1-60-DUMMY OILER
		1	07B-23-00-1-61-FEED WATER HAND PUMP
		1	07B-23-00-1-62-HAND BRAKE NUT
		1	07B-23-00-1-71-BOILER SHELL
		1	07B-23-00-1-72-FIREBOX
		2	07B-23-00-1-73-FLUE PIPE
		12	07B-23-00-1-74-BOILER WATER TUBE
		1	07B-23-00-1-75-FIRE HOLE RING
		1	07B-23-00-1-76-SMOKE BOX
		1	07B-23-00-1-77-SMOKEBOX DOOR
		1	07B-23-00-1-78-CHIMNEY
		1	07B-23-00-1-79-SNIFFING VALVE
		1	07B-23-00-1-80-DUMMY WHISTLE
		1	07B-23-00-1-81-SUPERHEATER HEADER
		2	07B-23-00-1-82-BLOWDOWN VALVE
		1	07B-23-00-1-84-WATER TANK AIRPIPE
		1	07B-23-00-1-84-WATER TANK AIRPIPE
		1	07B-23-00-1-85-REGULATOR BODY
		1	07B-23-00-1-86-BACKHEAD REGULATOR SPINDLE GLAND
		1	07B-23-00-1-87-SAFETY VALVE
		1	07B-23-00-1-88-DOME
		2	07B-23-00-1-89-DOME DUMMY SPRING
		1	07B-23-00-1-90-WATER LEVEL GAUGE
		1	07B-23-00-1-91-SUPER HEATER
		1	07B-23-00-1-92-BLOWER CONNETION PIPE
		2	07B-23-00-1-93-CLACK
		1	07B-23-00-1-94-STEAM SUPPLY MANIFOLD

NOTES: THE ORIGINAL DRAWINGS WERE DOWNLOADED FROM THE INTERNET A VERY LONG TIME AGO. THE DRAWINGS WERE PUBLISHED IN THE "MODEL ENGINEER" MAGAZINE OF 1963 AND 1964. THE TITLE OF THE ARTICLE WAS "BOXHILL STROUDLEY TERRIER IN 5in GAUGE" BY MARTIN EVANS.

TITLE
A MODEL OF A 0-6-0 TANK LOCOMOTIVE CALLED "BOXHILL"

DRAWING CONTENTS
GENERAL ARRANGEMENT, B.O.M. FRONT & REAR VIEW AND NOTES

PROJECT No 07B-23-00
 JDW DRAUGHTING SERVICES
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 2110, NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION
 DATE MAY 2024
 SHEET: 03 OF 17
 MODEL SCALE: 1:11.3 (127mm/5inch)
 DWG SCALE: 1:1 @A3 OR AS SHOWN
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 A3 No: 078-23-00-SHT03

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