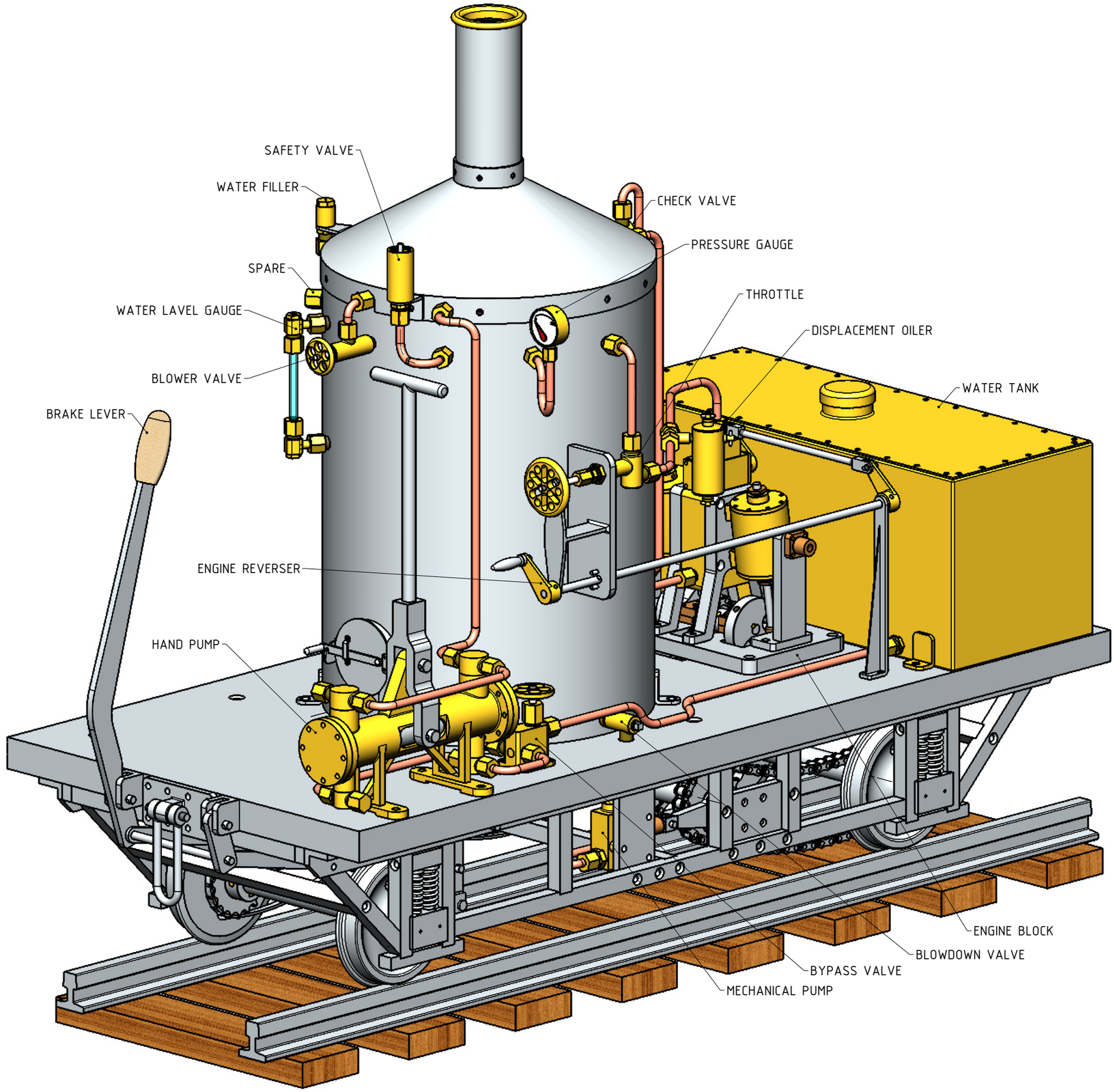

QTY.	PART NUMBER
1	07E-20-00-1-01-UNDER FRAME
4	07E-20-00-1-02-MAIN AXLE SPRING +RETAINER+AXLE BOX
1	07E-20-00-1-03-WATER TANK
1	07E-20-00-1-04-ENGINE BASE+CYLINDER SUPPORTS
2	07E-20-00-1-05-CYLINDER OUTER BEARING SUPPORT
2	07E-20-00-1-06-COUPLING
1	07E-20-00-1-07-MECH. WATER PUMP
1	07E-20-00-1-08-CHAIN GUIDE
1	07E-20-00-1-09-HAND OPERATED WATER PUMP
1	07E-20-00-1-10-GAS BURNER
1	07E-20-00-1-11-WATER BYPASS VALVE
1	07E-20-00-1-12-BOILER SHELL
182	07E-20-00-1-13-BOILER WATER TUBE
1	07E-20-00-1-14-STEAM SUPPLY VALVE
36	07E-20-00-1-15-PIPE NUT M10x6
1	07E-20-00-1-16-CHECK VALVE PIPE
1	07E-20-00-1-17-FEED WATER HEATER COIL
1	07E-20-00-1-18-MAIN STEAM SUPPLY PIPE
1	07E-20-00-1-19-BLOWER VALVE
1	07E-20-00-1-20-BLOWER SUPPLY PIPE
1	07E-20-00-1-21-BLOWER EXTENTION PIPE
2	07E-20-00-1-22-BLOWER DOWN VALVE
1	07E-20-00-1-23-WATER LEVEL GAUGE
1	07E-20-00-1-24-CHECK VALVE
1	07E-20-00-1-25-FEED WATER SUPPLY PIPE FROM BYPASS
1	07E-20-00-1-26-BYPASS TO HAND PUMP PIPE
2	07E-20-00-1-27-HAND PUMP INTER CONNECT PIPE
1	07E-20-00-1-28-BY PASS RETURN PIPE
1	07E-20-00-1-29-MECH.PUMP WATER SUPPLY PIPE
1	07E-20-00-1-30-WATER FILLER PIPE
5	07E-20-00-1-31-STOP NUT M10
1	07E-20-00-1-32-ENGINE EXHAUST PIPE
1	07E-20-00-1-33-DISPLACEMENT LUBRICATOR
1	07E-20-00-1-34-LUBRICATOR TO ENGINE PIPE
1	07E-20-00-1-35-SAFETY VALVE
1	07E-20-00-1-36-SAFETY VALVE PIPE
1	07E-20-00-1-37-REVERSING BRACKET
1	07E-20-00-1-38-PRESSURE GAUGE
2	07E-20-00-2-01-CYLINDER
1	07E-20-00-2-02-ENGINE CRANK SHAFT
2	07E-20-00-2-03-PISTON+ROD
1	07E-20-00-2-04-IDLER SHAFT
5	07E-20-00-2-05-20 TEETH SPROCKET
1	07E-20-00-2-06-MECH. PUMP ECCENTRIC SHEAVE
1	07E-20-00-2-07-DRIVE CHAIN
2	07E-20-00-2-08-WHEEL AXLE
1	07E-20-00-2-09-DRIVEN CHAIN-1
1	07E-20-00-2-10-DRIVEN CHAIN-2
1	07E-20-00-2-11-REVERSE SPOOL
1	07E-20-00-2-12-REVERSING HANDLE
1	07E-20-00-2-13-REVERSER CONNECTOR ROD
1	07E-20-00-2-14-HAND PUMP YOKE
1	07E-20-00-2-15-HAND PUMP PISTON
2	07E-20-00-2-16-BRAKE SHOE
2	07E-20-00-2-17-BRAKE HANGER
1	07E-20-00-2-18-BRAKE BEAM
1	07E-20-00-2-19-BRAKE LEVER HANDLE
2	07E-20-00-2-20-BRAKE REACH ROD
1	07E-20-00-2-21-FIRE BOX DOOR
1	07E-20-00-2-22-MECH. PUMP PISTON
1	07E-20-00-2-23-MECH.PUMP ECCENTRIC STRAP
1	07E-20-00-RAIL 184mm

NOTES: FOUND THE ORIGINAL DRAWINGS ON THE INTERNET. THE DRAWINGS WERE PUBLISHED IN A MAGAZINE CALLED "THE SHOP WISDOM OF JESSE LIVINGSTON" UNDER THE TITLE "THE NEWBIE PROJECT" PAGES 121 TO 150. DATE UNKNOWN.

TITLE
A SIMPLE STEAM LOCOMOTIVE FOR THE BEGINNER (GAUGE 7.25inch/184mm)

DRAWING CONTENTS
GENERAL ARRANGEMENT, ISOMETRIC VIEW AND BILL OF MATERIALS

PROJECT No: 07E-20-00
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PROJECTION | JDWDS | MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
DATE JANUARY 2022
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SHEET: 04 OF 14 | A3 | No: 07E-20-00-SHT-04

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