

QTY.	PART NUMBER	QTY.	PART NUMBER
1	YOLLA-1-01-SIDE FRAME	1	YOLLA-3-01-FOOT PLATE
1	YOLLA-1-01-SIDE FRAME	1	YOLLA-3-02-VALANCE ANGLE
1	YOLLA-1-02-SPACER BLOCK	1	YOLLA-3-02-VALANCE ANGLE
1	YOLLA-1-02-SPACER BLOCK	2	YOLLA-3-03-SMOKE BOX SIDE ANGLE
4	YOLLA-1-03-AXLE BEARING	1	YOLLA-3-04-SMOKE BOX FRONT ANGLE
2	YOLLA-1-04-AXLE BEARING RETAINER	1	YOLLA-3-05-SMOKE BOX FRONT PLATE
1	YOLLA-1-05-FRONT BUFFER BEAM	1	YOLLA-3-06-SMOKE BOX REAR PLATE
1	YOLLA-1-06-FRONT BUFFER BEAM TOP ANGLE	1	YOLLA-3-07-SMOKE BOX WRAPPER
1	YOLLA-1-07-REAR BUFFER BEAM	1	YOLLA-3-08-SMOKE BOX DOOR
1	YOLLA-1-08-REAR BUFFER BEAM TOP ANGLE	2	YOLLA-3-09-SMOKE BOX DOOR HINGE STRAP
2	YOLLA-1-09 BUFFER BEAM BOTTOM ANGLE	1	YOLLA-3-10-SMOKE BOX DOOR LOCKING SCREW
2	YOLLA-1-10-PORT BLOCK	1	YOLLA-3-11-SMOKE BOX DOOR LOCKING BAR
2	YOLLA-1-11-CYLINDER	2	YOLLA-3-12-SMOKE BOX DOOR HINGE BLOCK
2	YOLLA-1-12-CYLINDER FRONT COVER	1	YOLLA-3-13-SMOKE STACK BASE
2	YOLLA-1-13-CYLINDER REAR COVER	1	YOLLA-3-14-SMOKE STACK
4	YOLLA-1-14-CROSSHEAD GUIDE BAR	1	YOLLA-3-15-SMOKE STACK CROWN
1	YOLLA-1-15-LH-MOTION BRACKET	1	YOLLA-3-16-SMOKE BOX DOOR HINGE PIN
4	YOLLA-1-16-MOTION BRACKET MOUNTING BLOCK	QTY.	PART NUMBER
1	YOLLA-1-17-RH-MOTION BRACKET	1	YOLLA-4-01-BOILER SHELL
2	YOLLA-1-18-VALVE CHEST	2	YOLLA-4-02-BOILER END CAP
2	YOLLA-1-19-VALVE CHEST COVER	1	YOLLA-4-03-BOILER FLUE
2	YOLLA-1-20-PISTON ROD GLAND	1	YOLLA-4-04-BOILER STEAM TURRET BUSH
2	YOLLA-1-21-VALVE ROD GLAND	1	YOLLA-4-05-BOILERWATER FILLER BUSH
1	YOLLA-1-22-REAR SUPPORT ANGLE	1	YOLLA-4-06-DUMMY FIREBOX FRONT END
1	YOLLA-1-22-REAR SUPPORT ANGLE	1	YOLLA-4-07-DUMMY FIREBOX BACK END
1	YOLLA-1-23-STEAM INLET TEE BODY	1	YOLLA-4-08-DUMMY FIREBOX MANTEL
2	YOLLA-1-24-STEAM INLET BANJO	1	YOLLA-4-09-SAFETY VALVE BOTTOM BODY
2	YOLLA-1-25-STEAM INLET BANJO BOLT	1	YOLLA-4-10-SAFETY VALVE TOP BODY
2	YOLLA-1-26-STEAM INLET PIPE	1	YOLLA-4-11-SAFETY VALVE BALL VALVE
1	YOLLA-1-27-STEAM INLET PIPE NUT	1	YOLLA-4-12-SAFETY VALVE STEM
1	YOLLA-1-28-DISPL. LUB. OIL POT	1	YOLLA-4-13-SAFETY VALVE STEM SPRING
1	YOLLA-1-29-DISPL. LUB. OIL POT CAP	1	YOLLA-4-14-SAFETY VALVE PRESSURE SCREW
1	YOLLA-1-30-DISPL. LUB. OIL POT DRAIN BODY	1	YOLLA-4-15-TURRET
1	YOLLA-1-31-DISPL. LUB. OIL POT BALL VALVE	1	YOLLA-4-16-REGULATOR BODY
1	YOLLA-1-32-DISPL. LUB. OIL POT STEAM PIPE	1	YOLLA-4-17-REGULATOR SPINDLE BODY
1	YOLLA-1-33-DISPL. LUB. OIL POT-M10 NUT	1	YOLLA-4-18-REGULATOR SPINDLE NUT
2	YOLLA-1-34-DISPL. LUB. OIL POT STEAM PIPE NUT	1	YOLLA-4-19-REGULATOR PIPE NUT
1	YOLLA-1-35-BOILER FRAME PLATE SPACER	1	YOLLA-4-20-REGULATOR SPINDLE
1	YOLLA-1-35-BOILER FRAME PLATE SPACER	1	YOLLA-4-21-REGULATOR SPINDLE HANDLE
1	YOLLA-1-36-BOILER FRONT-REAR SUPPORT PLATE	1	YOLLA-4-22-STEAM SUPPLY PIPE
1	YOLLA-1-36-BOILER FRONT-REAR SUPPORT PLATE	1	YOLLA-4-23-WATER FILLER SCREW CAP
1	YOLLA-1-37-STEAM SUPPLY PIPE PART-1	1	YOLLA-4-24A-BOILER FRONT HEAT INSULATION BLANKET
1	YOLLA-1-38-STEAM SUPPLY PIPE PART-2	1	YOLLA-4-24B-BOILER CENTER HEAT INSULATION BLANKET
2	YOLLA-1-39-VALVE CHEST PLUG	1	YOLLA-4-24C-BOILER REAR HEAT INSULATION BLANKET
4	YOLLA-1-40-LEAF SPRING	1	YOLLA-4-25-BURNER MOUNTING BODY
4	YOLLA-1-41-LEAF SPRING STRAP+STEM	1	YOLLA-4-26-BURNER PIPE
8	YOLLA-1-42-LEAF SPRING HOLDING BRACKET	1	YOLLA-4-27-GAS JET HOLDER
1	YOLLA-1-43-EXHAUST PIPE	1	YOLLA-4-28-GAS JET
1	YOLLA-1-43-EXHAUST PIPE	1	YOLLA-4-29-GAS INLET PIPE
QTY.	PART NUMBER	1	YOLLA-4-30A-BOILER FRONT CLADDING
2	YOLLA-2-01-WHEEL AXLE	1	YOLLA-4-30B-BOILER CENTER CLADDING
4	YOLLA-2-02-WHEEL	1	YOLLA-4-30C-BOILER REAR CLADDING
4	YOLLA-2-03-WHEEL CRANK	QTY.	PART NUMBER
2	YOLLA-2-04-FRONT WHEEL CRANK PIN	1	YOLLA-5-01-GAS TANK SHELL
2	YOLLA-2-05-REAR WHEEL CRANK PIN	1	YOLLA-5-02-GAS TANK BOTTOM PLATE
2	YOLLA-2-06-COUPLING ROD	1	YOLLA-5-03-GAS TANK TOP PLATE
2	YOLLA-2-07-PISTON	1	YOLLA-5-04-GAS CONTROL VALVE BODY
2	YOLLA-2-08-PISTON ROD	1	YOLLA-5-05-GAS CONTROL VALVE STEM
2	YOLLA-2-09-CROSSHEAD CENTER PART	1	YOLLA-5-06-GAS CONTROL VALVE SPINDLE NUT
2	YOLLA-2-10-CROSSHEAD OUTER PART-1	1	YOLLA-5-07-GAS CONTROL VALVE PIPE NUT
2	YOLLA-2-11-CROSSHEAD OUTER PART-2	1	YOLLA-5-08-GAS INLET PIPE
2	YOLLA-2-12-CROSSHEAD PIVOT PIN	1	YOLLA-5-09-GAS TANK FILLER VALVE HOUSING
2	YOLLA-2-13-CON-ROD	1	YOLLA-5-10-GAS TANK FILLER VALVE
2	YOLLA-2-14-CON-ROD BIG END BEARING	1	YOLLA-5-11-GAS TANK FILLER VALVE TOP
2	YOLLA-2-15-ECCENTRIC SHEAVE	1	YOLLA-5-12-GAS TANK FILLER VALVE SPRING
2	YOLLA-2-16-ECCENTRIC STOP COLLAR	QTY.	PART NUMBER
2	YOLLA-2-17-ECCENTRIC STRAP	1	YOLLA-6-01-SADDLE TANK FRONT-REAR PLATE
2	YOLLA-2-18-ECCENTRIC STRAP ROD	1	YOLLA-6-01-SADDLE TANK FRONT-REAR PLATE
2	YOLLA-2-19-SLIDE VALVE ROD	1	YOLLA-6-02-SADDLE TANK MANTEL
2	YOLLA-2-20-SLIDE VALVE	1	YOLLA-6-03-SADDLE TANK DOME BASE
2	YOLLA-2-21-SLIDE VALVE NUT	1	YOLLA-6-04-SADDLE TANK DOME
		2	YOLLA-6-05-SADDLE TANK MOUNTING ANGLE
		2	YOLLA-6-09-OPEN CABIN HAND RAIL
		4	YOLLA-6-12-SADDLE TANK HAND RAIL STAND
		2	YOLLA-6-13-SADDLE TANK HAND RAIL
		2	YOLLA-6-14-NAME PLATE

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
1	YOLLA-8-01-CLOSED CABIN LH-SURROUND
1	YOLLA-8-01-CLOSED CABIN LH-SURROUND
2	YOLLA-8-03-CLOSED CABIN BEADING
2	YOLLA-8-05-CLOSED CABIN REAR TOP-BOTOM ANGLE
1	YOLLA-8-06-CLOSE CABIN REAR PLATE
2	YOLLA-8-07-CLOSED CABIN WINDOW SURROUND
2	YOLLA-8-08-CLOSED CABIN ROOF ANGLE
1	YOLLA-8-09-CLOSED CABIN ROOF
QTY.	PART NUMBER
1	YOLLA-64mm-RAIL
4	YOLLA-M2.5 DOME NUT
44	YOLLA-M2.5 NUT
38	YOLLA-M2.5x4 ROUND HEAD SCREW
12	YOLLA-M2.5x6 ROUND HEAD SCREW
8	YOLLA-M2 NUT
8	YOLLA-M2x10 ROUND HEAD SCREW
2	YOLLA-M3 DOME NUT
48	YOLLA-M3 NUT
5	YOLLA-M3x4 ROUND HEAD SCREW
28	YOLLA-M3x6 C-SINK SCREW
6	YOLLA-M3x8 C-SINK SCREW
26	YOLLA-M3x8 ROUND HEAD SCREW
16	YOLLA-M3x12 ROUND HEAD SCREW
4	YOLLA-M3x16 ROUND HEAD SCREW
1	YOLLA-M4 DOME NUT
28	YOLLA-M4 NUT
10	YOLLA-M4x6 ROUND HEAD SCREW
4	YOLLA-M4x8 ROUND HEAD SCREW
18	YOLLA-M4x10 ROUND HEAD SCREW
12	YOLLA-M4x12 ROUND HEAD SCREW
8	YOLLA-M4x16 ROUND HEAD SCREW
1	YOLLA-M4x47 THREADED ROD
8	YOLLA-M4x53 THREADED ROD
1	YOLLA-M6 NUT

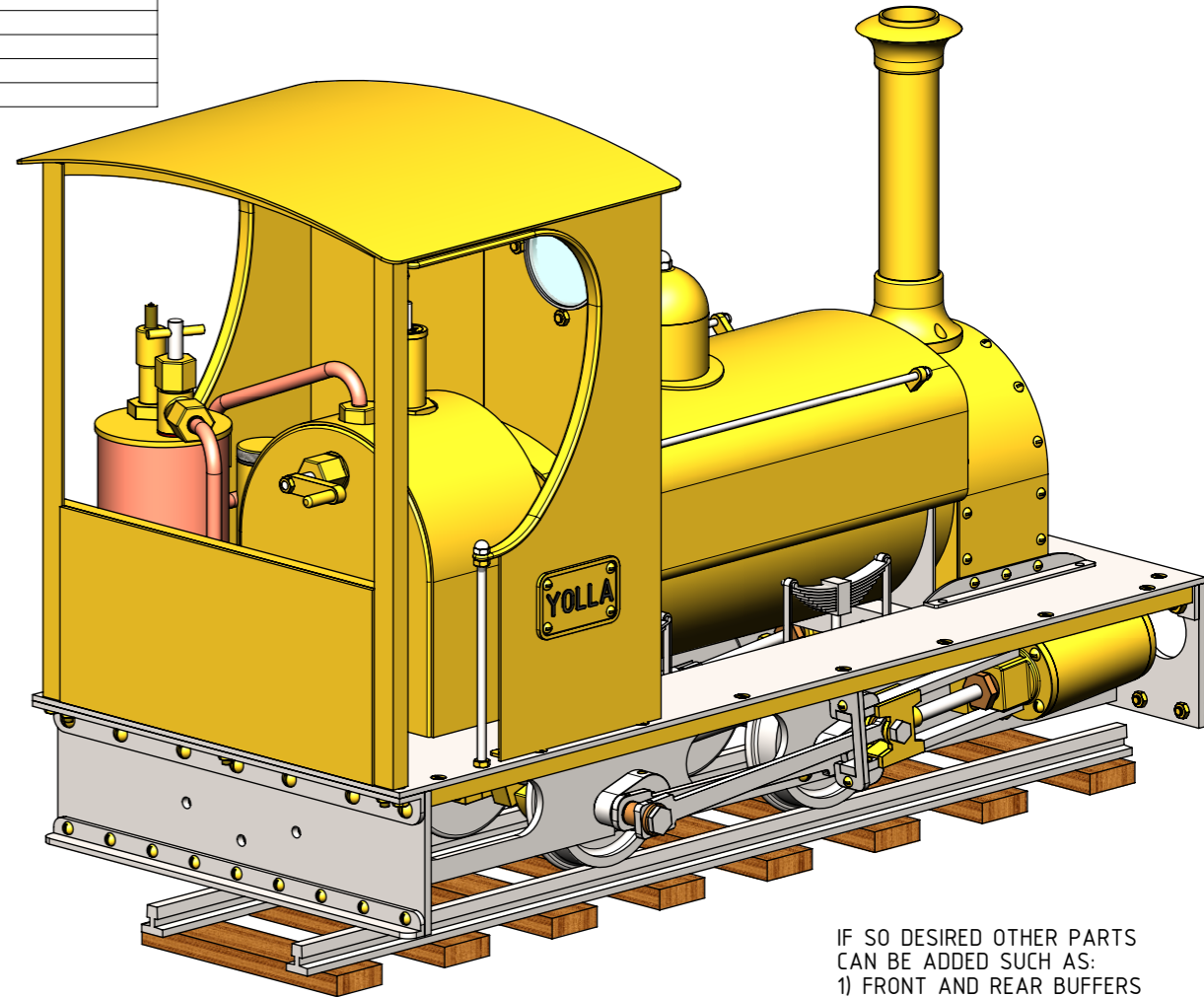
OTHER ABBREVIATIONS

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
(T)HESOP=(TAPPED)HOLES EQUALLY SPACED ON PCD
(T)HESOC=(TAPPED)HOLES EQUALLY SPACED ON CIRCUMFERENCE
[SA-xxx] = SUB ASSEMBLY-xxx

MATERIAL ABBREVIATIONS:

ALU = ALUMINIUM
BRS = BRASS
BRZ = BRONZE OR GUNMETAL (BRZ/GM)
CI = CAST IRON
CU = COPPER
GRA = GRAPHITE
MS = MILD STEEL/BRIGHT MILD STEEL
S/S = SILVER STEEL OR STAINLESS STEEL
SPS = SPRING STEEL
PEEK= POLYETHER ETHER KETONE
SYN = SYNTHETIC MATERIAL SUCH AS VETON, NYLON, TEFLON OR RUBBER
IN GENERAL SYNTHETIC MATERIALS SHOULD BE ABLE TO WITHSTAND THE HEAT AND PRESSURE(S) APPLIED TO THEM.

nnn/nnn MEANS THAT EITHER MATERIAL CAN BE USED



IF SO DESIRED OTHER PARTS CAN BE ADDED SUCH AS:
1) FRONT AND REAR BUFFERS
2) FRONT AND REAR PULL HOOK
3) WATER LEVEL INDICATOR.
4) PRESSURE INDICATOR.
5) REAR SIDE STEPS
6) DUMMY FIRE DOOR
7) REAR COAL BUNKER
8) WHISTLE

NOTES: THESE DRAWINGS ARE LOOSELY BASE ON A SET OF DRAWINGS WHICH WERE FOUND ON THE INTERNET AND WERE TITLED "WILD ROSE III" (FOOT PLATE STANDING GAS TANK AND CLOSED CABIN)

TITLE
SIMPLE MODEL OF A NARROW GAUGE GAS FIRED LOCO CALLED "YOLLA" (64mm/2.5")

DRAWING CONTENTS
ISOMETRIC VIEW, BOM, NOTES

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

PROJECTION

JDWDS
DATE
DECEMBER-2016
SHEET: 02 OF 08

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
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A3
No: **YOLLA-1-02**