236.5
11.5
6.5
1.5
115
105
R5
CONTOUR-A
CUT OUT
CONTOUR-A
CONTOUR-A
35.5
186.5
58
23
60
R6
R29
R6
R29
5
19
16
40
Ø2
Ø2
8
OPPOSITE FACE EQUAL
MATERIAL 1.5mm THICK
SCALE 1:2
1-52.1
1-52.2
1-52.8
1-52.6
1-52.5
1-52.3
1-52.9
1-52.10
1-52.7
1-52.4
1-52.7
1-52.9
SOLDER ENTIRE UNIT
WHERE NECESSARY TO
MAKE IT LEAK PROOF
35
74.5
9
60
19
THIS INNER CONTOUR
TO FOLLOW THE
OUTER CONTOUR-A
1-52.10
MATERIAL 3mm HALVE ROUND
SCALE 1:3
10
20
205
18
28
26
R6
R6
R6
R6
16.5
TUBE Ø 4x3
1-57
10
10
TUBE Ø 4x3
15
8
R10
6
R6
6
R6
R5
33
4
15.6
177.5
R6
1-59
SCALE 1:2
26
1-58
TUBE Ø 4x3
10
4.8
R6
R5
R5
28
204
SCALE 1:2
1-60
24
R6
TUBE
Ø 4x3
32
SCALE 1:2
32
32
6
4
53.5
Ø40
Ø3-6PL
4
37.5
150.5
77.5
R9.5
Ø44
1.5
4.1
4.2
Ø38LPF
SCALE 1:1.5
R9.5
115
19
13
SCALE 1:2
Ø40
Ø38
11
SCALE 1:1.5
1-52.2
1-52.4
1-52.3
1-52.5
1.5mm THICK
SCALE 1:2
1-52.6
1-52.7
4
62.5
23
37.5
20
20
37.5
SCALE 1:2
22
15
32.5
34
M3-3PL
ANGLE 8x8x1
7
32
32
6
2 REQD
SCALE 1:1.5
Ø2
R1.8
3.5
5.6
2.6
2
1-52.9
2 REQD (1xLH+1xRH)
1-52.8
4
21.5
57.5
57.5
1.5mm THICK
SCALE 1:2
TUBE Ø 4x3
R6
50°
13
30°
29.8
16
R6
1-56
10
SCALE 1:2
1-61.1
Ø14
Ø16
B
B
14.5
50
Ø14
16
5.5
5.5
16
Ø4
6
5
M6
12
17
3.5
R7
R7
WEB 4mm THICK
35
4
M8
Ø6.5
Ø3.5
3.5
6
Ø3
Ø4
8
6
3.5
53
Ø11RM
20.5
SECTION B-B
1-61.3
M8
Ø4
3.5
3.5
1.5
3.5
11HEX
11HEX
1-61.2
3.5
3
M8
1-61.5
24
R8
TUBE
Ø4x3
36
SCALE 1:2
1-61.6
2 REQD
S Ø5.5
1-61.4
Ø4
Ø4
R3.5
R3.5
36
2mm THICK
2 REQD
Ø3-4PL
3
7
7
3
3
29
SCALE 1:1.5
1-61.12
R5.5
1-61.7
8
3
43.5
Ø11CF
9
4
SCALE 1:1.5
Ø5RM
1-61.8
8
20
4
14
5
R4
4mm THICK
SCALE 1:1.5
1-61.8
3
11.2
Ø9
1-61.9
SEAL
2.5
8
2.5
M2.5
Ø4
M2.5
2 REQD
1-61.10
2.5
11
2.5
Ø5CF
M3
M3
1-61.11
1-61.5
1-61.4
1-16.3
1-16.1
1-61.2
1-61.9
1-61.10
1-61.8
1-61.6
1-61.10
1-61.11
1-61.7
10
110
20
10
8
6
4
R5
1-62
32
37.8
50
9.5
R38
24
R6
TUBE Ø 4x3
SCALE 1:2
1-07
1-08
1-09
SA-1-102
1-08
1-07
1-09
SA-1-101

NOTES: THE ORIGINAL DRAWINGS AND ARTICLES WERE DOWNLOADED AROUND 15 YEARS AGO. THE DESIGN AND ORGINAL DRAWINGS WERE BY MARTIN EVANS, AND PUBLISHED IN "MODEL MECHANICS" MAGAZINE FROM 1979 AND 1980

TITLE
A COAL FIRED 4-4-0 STEAM LOCOMOTIVE CALLED "EAGLE" FOR 2.5"/64mm GAUGE

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07B-25-00

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PROJECTION
JDWDS
DATE
OCTOBER 2024
SHEET: 09 OF 11

MODEL SCALE: 1:22.5
DWG SCALE: 1:1 @A3 OR AS SHOWN
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