RIVET
10.5
5
R55
R3.5
8
4
11.5
R3.5
RIVET
5
0.5
2-1-28.2
37°
R55
35
10
10mm THICK
SCALE 1:1.5
2-1-28.2
2-1-28.1
7.5
7.5
7.5
7.5
USE WOOD SCREWS TO
FASTEN BRAKE SHOES
TO BRAKE BAND
B
∅206
∅196
∅186PCD
∅178
∅3-24 AS SHOWN
60°
6
6
B
SCALE 1:3
8 7 14 7 8
SECTION B-B
SCALE 1 : 3
∅3-2x36HESOC
6
6
60°
15°
36
5
∅3
3.5
7
2.5
2mm
THICK
2-1-29.2
10mm WIDE
SCALE 1:1.5
2-1-30.1R
2-1-30.1L
2-1-30.1L
2-1-30.1R
44
3
10
4
77.5°
=36=
4
R103
36 LEFTHEAND
36 RIGHTHAND
TOTAL 72 REQD
2-1-30.1L
∅100
∅70
M6
12
3
8
5.5
7
16
∅70
14
4
1
62
60°
2
SCALE 1:1.5
2-1-33
∅6
13
M3
13
35.5
36
30
∅16
∅6 THRU
2-1-31.1
M3-3THESOP
∅6
R8
30
15°
∅50
∅36PCD
∅27PCD
∅16
CSK
∅3-3HESOP
5mm THICK SCALE 1:1.5
2-1-31.6
2-1-31.7
2-1-31.5
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2-1-31.2
2-1-31.4
2-1-31.1
2-1-32
SCALE 1:2
2-1-29.2
2-1-29.1
15°
∅27PCD
2-1-31.3
6.5mm THICK SCALE 1:1.5
REFER TO 2-1-31.1 FOR ALL
OTHER DIMENSION DETAILS
2-1-31.5
2-1-31.6
∅3
∅19PF
∅16RM
14
14
SCALE 1:1.5
M8
∅6
∅3
M8
∅11
M5
R1.5
3
7
9.5
8
7
6.5
6
6.5
3-2PL
9
R2
R2
4.5
4.5
R93
R97
18.5
2.5
12
R9
R9
10.5
13.5
∅19
SCALE 1:1.5
2-1-31.4
9-6SLOTS
2-1-31.2
2.5
11.5
11.5
2.5
7
M5
∅3
9-6SLOTS
3
∅36PCD
∅3-3HESOP
9
3
R3
∅44
∅28
∅27POCD
∅19PF
∅35
∅23
9
SCALE 1:2
M3-12THESOP
2-1-04
2-1-05
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SA-2-1-101
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SA-2-1-107

NOTES: THIS DESIGN IS BASED ON DRAWINGS WHICH WERE GIVEN TO ME. THE ORIGINAL DESIGN AND ARTICLES WERE BY REX TINGEY. THE ORIGINAL DRAWINGS WERE PUBLISHED IN "MODEL MECHANICS" MAGAZINE: JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER 1979 AND FEBRUARY 1980

TITLE
A SIMPLE GAS FIRED STEAM TRACTION ENGINE CALLED "SWEET SIXTEEN"

DRAWING CONTENTS
PARTS AND ASSEMBLIES

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PROJECTION
JDWDS
DATE
JULY 2019

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
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SHEET: 14 OF 16
A3
No: 08-14-00-SHT14

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