SA-4-411
SA-4-416
SA-4-401
SA-4-415
SA-4-412
4-12
4-09
4-07
4-47
4-12
SA-4-417
4-21
4-19
4-75
4-20
4-74
SA-4-417
SA-4-418
SA-3-315
SA-4-420
SA-4-420

ALU
∅42
∅30
36PCD
∅2.5
6-02
1mm THICK
SCALE 1:1.5

4
141
4
7
7
∅3-4PL
109.5
1
48.5
48.5
∅32
∅32
∅2.5-8PL
∅36PCD
35
73
47
R180
R42.5
32
42.5
42.5
32
SCALE 1:2.5

BRS
6-01
13
∅2.5-2PL
3
94
R22
117.5
76
6
113°
8
1

∅2.5
2.5
73.5
SCALE 1 : 1.5
73.5
R180
6x7.5°=45°
ANGLE 6x6x1.5
SCALE 1:1.5
22.3
6-03
BRS
6-04A
6-04B
BRS
BRS
MIRROR IMAGE OF 6-04A
139
5
5
∅2.5
2.5
4.5
3.5
3.5
11
135.5
6-05B
MIRROR IMAGE OF 6-05A
∅2.5
3.5
2.5
151.5
∅3
6.5
13
ANGLE 6x6x1
6-05A
BRS

R6-4 CORNERS
THESES HOLES TO MATCH 6-06
15.5
50
50
29
5
57
57
∅23
THESE HOLES TO MATCH 6-03
6-07
R180
160
SCALE 1:3

MS/ALU
7-02
∅3-8PL
3
5.5
13
13
13
5.5
8
13
8
13
SCALE 1:1.5
SPS
∅2.5
∅0.5
7-10
13.5
15 COILS

MS
6
6
∅5
R6
9
10
14
3
7
3
M5
11
7-05
SCALE 1:1.5
BRS
∅4
11
1.5
4
12.5
12.5
6.5
6
6
6.5
9.5
9.5
2.5
1
7
1
7
3.1
2.5
8
8
26
∅3
∅1.5PF
1.3
5
5
9.5
9.5
PF PIN
4
11
7-07

FOR ALL OTHER DIMENSION
DETAILS REFER TO 6-03
SCALE 1:2
3.3
5
5
3.3
BRS
6-06
6-04B
6-07
6-06
6-04A
6-03
6-02
6-02
6-05B
6-05A
6-01
SA-6-601

SA-6-601
SA-4-420
SA-6-605

7-11
∅8PF
∅10
∅8PF
6CF
6CF
MS
11
16
59.5
16
11

7-06
90
∅6
6
6
MS/ALU

8
11
50
17
27
27
17
50
11
8
13
5.5
13
13
5.5
∅2-4PL
3
3
8
6
8
37.5
13
62.5
R6
62.5
13
37.5
M3-8PL
∅4-9PL
6
25
25
3mm THICK
SCALE 1:2
7-01
MS/ALU

NOTES: THE ORIGINAL DESIGN AND BUILT OF THIS LOCO IS BY Mr. STEVE EATON (s.eaton@talk21.com) THE DRAWINGS SUPPLIED TO ME WERE DATED FROM 1999 TO 2003 (DRG-00 TO DRG-32)

TITLE
MODEL STEAM LOCOMOTIVE FOR 2.5inch (63.5mm) GAUGE CALLED "TOBY".

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07B-12-00

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PROJECTION
JDWDS
DATE
SEPT-2016
SHEET: 09 OF 14

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
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A3
No: TOBY-M-09