(940)
7 271 445 42 48 90 37
∅46 ∅22 ∅22 ∅10 ∅22
28 148 167 167 161
20 ∅6-10PL BOILER ℄
∅5-20HESOC
28 28 28 28 28 28 28 28 28 28 55
A A
OPPOSITE FACE(S) EQUAL
553
SCALE 1:3
14.8 14.1 62
∅5
78.5 22 22 14 198
30° 15°
∅14 30.4
81.5 231.4 109.2
414.7
5 14 5 125 14 5
D&TAA
HARD SOLDER ENTIRE UNIT
1-54.14
∅227
9 ∅4 R4.5
DETAIL-A
SCALE 1:3
1-54.22
DETAIL-A
SCALE 1:5
9
55.5 18 30° 215.7 104.2 5° 9
511.3
SCALE 1:3
R110
18 30°
∅5-9PL
24 24 34
39.5 28 28 39.5
SCALE 1:3
139.75
∅225.5 ∅220-ID
DRAPE BOILER INSULATION MATERIAL OVER BOILER AND DRIILL HOLES AND SLOTS ACCORDING BOILER PATTEN
INSULATION MATERIAL 2.75mm THICK SCALE 1:5
1-54.13 1-54.15
R110
1-54.16
DRAPE BOILER INSULATION MATERIAL OVER BOILER AND DRIILL HOLES AND SLOTS ACCORDING BOILER PATTEN
INSULATION MATERIAL 2.75mm THICK SCALE 1:5
∅225.5-ID
DRAPE GLADDING MATERIAL OVER INSULATION MATERIAL AND DRIILL HOLES AND SLOTS ACCORDING BOILER PATTEN AND SECURE WITH BOILER STRAPS
GLADDING MATERIAL 0.75mm THICK SCALE 1:5
1-54.21
DRAPE GLADDING MATERIAL OVER INSULATION MATERIAL AND DRIILL HOLES AND SLOTS ACCORDING BOILER PATTEN AND SECURE WITH BOILER STRAPS
GLADDING MATERIAL 0.75mm THICK SCALE 1:5
1-54.1 1-54.2 1-54.11 1-54.7 1-54.8 1-54.8 1-54.9 1-54.10 1-54.21 1-54.16 1-54.6 1-54.21 1-54.11 1-54.21 1-54.4 1-54.11 1-54.21 1-54.11 1-54.21 1-54.11 1-54.5 1-54.3 1-54.19 1-54.13 1-54.20 1-54.12 1-54.14
1-54.20
148.9
PLACE GLADDING MATERIAL AS SHOWN
150.5
GLADDING MATERIAL 0.75mm THICK SCALE 1:5
148.5
PLACE BOILER INSULATION MATERIAL AS SHOWN
145
INSULATION MATERIAL 2.75mm THICK SCALE 1:5
∅220 ∅210
R60 R60
103.5
1-54.1
67.5 67.5
(145-MAX)
5° 15° 16.5° 77°
SECTION A-A SCALE 1 : 2
1-58 8 3 M12 M8 ∅16
8 3 M18 M12 1-59
8 3 M14 M8 1-60
1-63 10 5 M18 M14 ∅24
1-64 920 28 ∅10 20 M10 M10
SCALE 1:1.5
M8 ∅5 ∅4 12 14 14 M14 18HEX 8 23
10HEX ∅5 M8 2 9 1-61.1 2 SEAL 1-61.2
1-66.2 M10 ∅8 ∅6 4.3 4.2 14HEX ∅10 M8 ∅5 60° SECTION C-C
∅15 1-66.1 C C M12 9 7 9
1-67.3 S ∅7 ∅7 3.5 3.5 1mm DP
∅18 D 18 1-67.1 11 M10 11 7 7 7 7 M10 M10 60° ∅8 ∅6 9 11 D M12 ∅14 1-67.6
14HEX M12 ∅7 M12 ∅14 SECTION D-D
2.5 8.5 3 ∅7 ∅15 3 1.5 3.5 5.5 M10 1-67.2
TUBE ∅7x6 95.5 30.5 SCALE 1:2 10 2 13HEX M10 ∅7 SEAL 2.2
1-67.7 1-67.3 1-67.2 1-67.4 1-67.5 1-67.5 1-67.1 1-67.6
1-65.1 7 6 24 8 14 16HEX M14 ∅7 M10 ∅14 R6.5 43 1-65.2
45° 2 10 14.5 7 M10 ∅8 □7
1-66.2 ∅15 □9 SEAL 14HEX ∅12 ∅7 9 2.5 2.2 120° M10 1-66.3
1-66.4 S ∅7 1-66.2 1-66.1 1-66.3
(170)
11HEX M8 SEAL 10 2 1.5 ∅5 1-68.2
6 3 M10 12HEX 1-68.3
∅5 ∅8 ∅8 ∅8 ∅8 ∅8 ∅5 M10 6 M10 M10 M10 M10 M10 6 ∅8 22HEX
SECTION E-E SCALE 1 : 2
13HEX M10 2 9.5 2.5 SEAL ∅6 1-69.3 1-69.2
∅14 ∅14 ∅16 ∅14 ∅14 E E 18 □18 ∅14 12 M14 M8 16 5.5 9 9 9 14 32 22 22 30 14 9 9
SCALE 1:2
1-68.1 1-68.3 1-68.3 1-68.2 1-68.2
∅5-4PL G 0.5 6 0.5 ∅15 ∅9.5PCD ∅18 ∅3.5 1-69.4 14 SECTION G-G
9 23 10 9 M10 ∅12 M10 1-69.1 1-69.2 1-69.5 1-69.3 1-69.6 1-69.4
17 11.5 15.5 ∅4.5 M6 ∅3.5 ∅6 10 1-69.1 SECTION F-F
4 11 8 13 7 M3 ∅4 ∅4.5 M6 1-69.5
9.5 2.5 12HEX M10 ∅ 1-69.6
32 14 167 167 167

NOTES: THE ORIGINAL DRAWINGS WERE GIVEN TO ME MANY YEARS AGO. THE TITLE OF THE ORIGINAL DRAWINGS WAS "PLAN: SPRINGBOK BY MARTIN EVANS"

TITLE
A L.N.E.R. CLASS B1 STEAM LOCOMOTIVE 4-6-0 CALLED "SPRINGBOK" FOR 7.25inch/184mm GAUGE

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 07B-19-00
JDW DRAUGHTING SERVICES
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PROJECTION JDWDS
DATE APRIL 2023
SHEET: 08 OF 20

MODEL SCALE: 1:7.8
DWG SCALE: 1:1 @A2 OR AS SHOWN
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A2 No:07B-19-00-SHT-08

PLEASE NOTE THIS IS AN "A2" SIZE SHEET

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