DRILL THIS HOLE AFTER ASSEMBLY

25
35
9

∅60
∅3-8HESOP
22.5°
M2.5-4PL
∅54PCD
A
A
R5.5
R5.5
27
∅5
27
∅5
SCALE 1:1.5

3
1.5
2
8
21
13
∅40

∅10
∅8.5PF
45°
19.5
SECTION A-A SCALE 1 : 1.5

1-05.1
1-05.2
1-05.3
1-05.4

∅21
∅2.5-4PL
∅6RM
∅17PCD
7
2
∅10
SCALE 1:1.5

1-05.3
∅10
∅6
3
SEAL
SCALE 1:1.5

∅10
∅6RM
1.5
4.5
∅8.5PF
1-05.2

∅20
C
∅20
34.3
5
144 CAVITIES EQUALY SPACED
60°
4.5
3
∅100PCD
∅32
∅430
∅386
∅366PCD
2-01.1
C

16
4.5
4
4
3
3
7
7
∅5PF
∅60
∅18
∅30
5
10
SECTION C-C
SCALE 1 : 4

M5
22
115
∅5
15
M4
1-06

∅3
∅3
R2
5
3
16
3
1-07.2
1-073
1-07.1

∅3
∅2.5
∅3
R2
5
3
8
3
CSK
3mm THICK
1-07.1

B
∅2.5
∅6RM
∅6RM
5
12
5
1
5
5
1
B
1
5
1
SECTION B-B

2-01.2
∅5F
∅6PF
∅18CF
30
30
90
111.5
8.5
SCALE 1:2

∅20
M8
15
21.5
42
18PF
2
5
2-01.3
6PF
30
8.5
8.5
SCALE 1:2

19
12
3
∅10CF
M8
∅17
SCALE 1:1.5

7
7
2-01.4

2-01.1
2-01.2
2-01.3
2-01.4

5
6
6
12
6
6
5
∅6CF
∅6CF
20
M14
M14
2-02.2

M2.5-6THESOP
∅15PCD
∅42
∅4-6HESOP
27PCD
15
8
4
4
2-02.3
R1
SCALE 1:1.5
2 REQD

17
10
14
12
14
10
17
∅15
12.5
12.5
∅15
∅10CF
∅10CF
2-02.4
SCALE 1:1.5

∅4-6THESOP
∅27PCD
∅34

∅2.5-6THESOP
∅15
∅26
2-02.5
12mm THICK

FOR ASSEMBLY REFER SHT05

1-03
1-05
1-04
1-06
1-07
SA-1-101
SA-1-101

1-02
1-01
1-07
SA-1-105

∅22PCD
∅14
∅2.5-6HESOP
∅2.5-6HESOP
2-02.1
∅4-6HESOP
R983
∅2.5-6HESOP
M2.5-6THESOP
∅22PCD
∅14
52
CSK
∅15
∅10
∅27PCD
∅15
CSK
∅15PCD
R14
R14
R983
75
77
77
75
4mm THICK
SCALE 1:1.5

NOTES: FOUND ORIGINAL DRAWING/PRINT ON THE INTERNET. DRAFTER/DESINGER CHAY W. TIAY DATED 1948 TITLE: "BEAM PUMPING ENGINE, BY EASTONS & ANDERSONS CICA 1870, INSTALLED AT BANSTEAD HOSPITAL, SURREY."

TITLE 1 CYLINDER NON REVERSING BALANCED BEAM ENGINE WITH MEYER'S VARIABLE EXPANSION SLIDE VALVES (BORE=40mm STROKE=84mm)

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 09E-53-00

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PROJECTION
JDWDS
DATE MAY 2021
SHEET: 04 OF 06

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