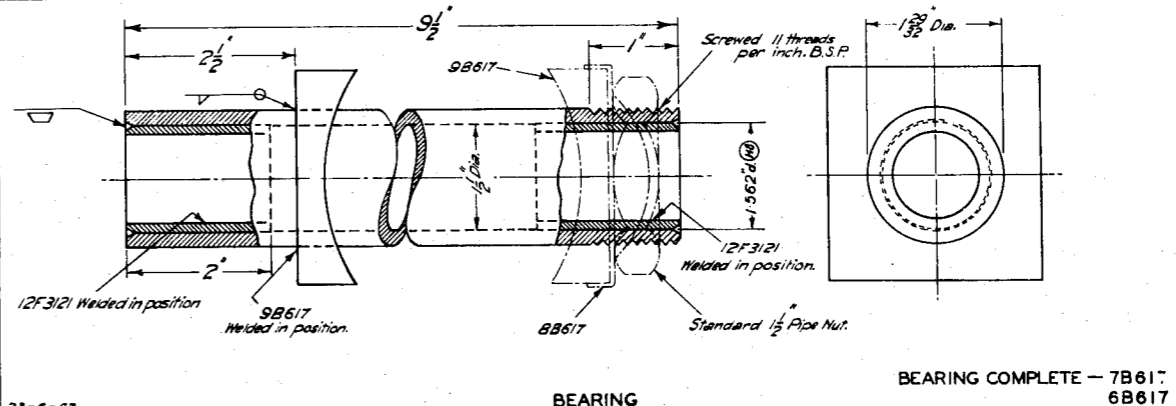
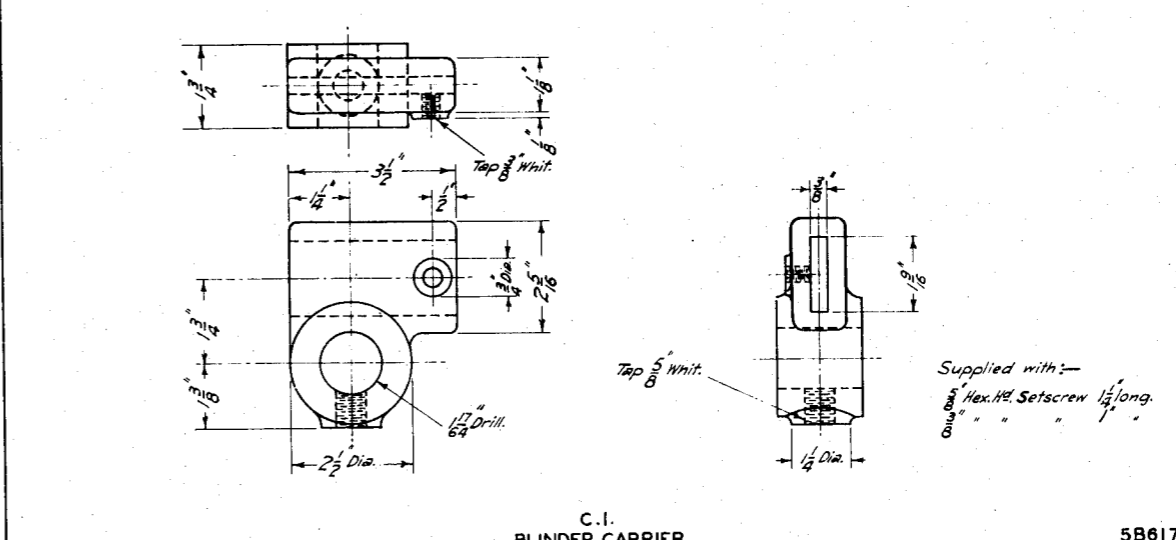


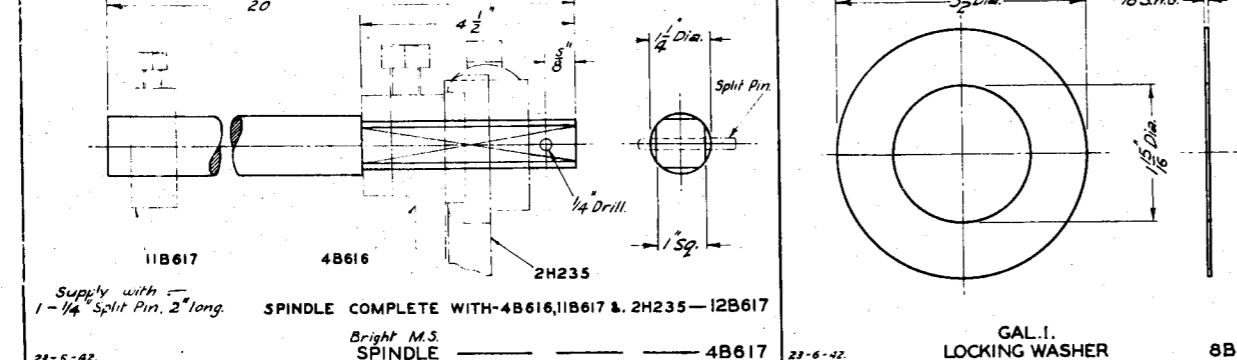
M.S. BLINDER 1B617



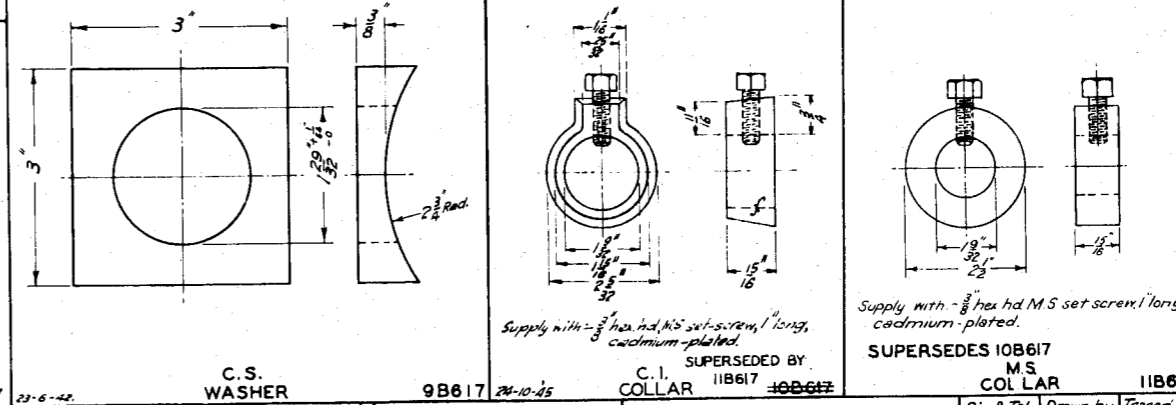
BEARING COMPLETE - 7B617 6B617



C.I. BLINDER CARRIER 5B617



SPINDLE COMPLETE WITH 4B616, 1B617 & 2H235 - 12B617

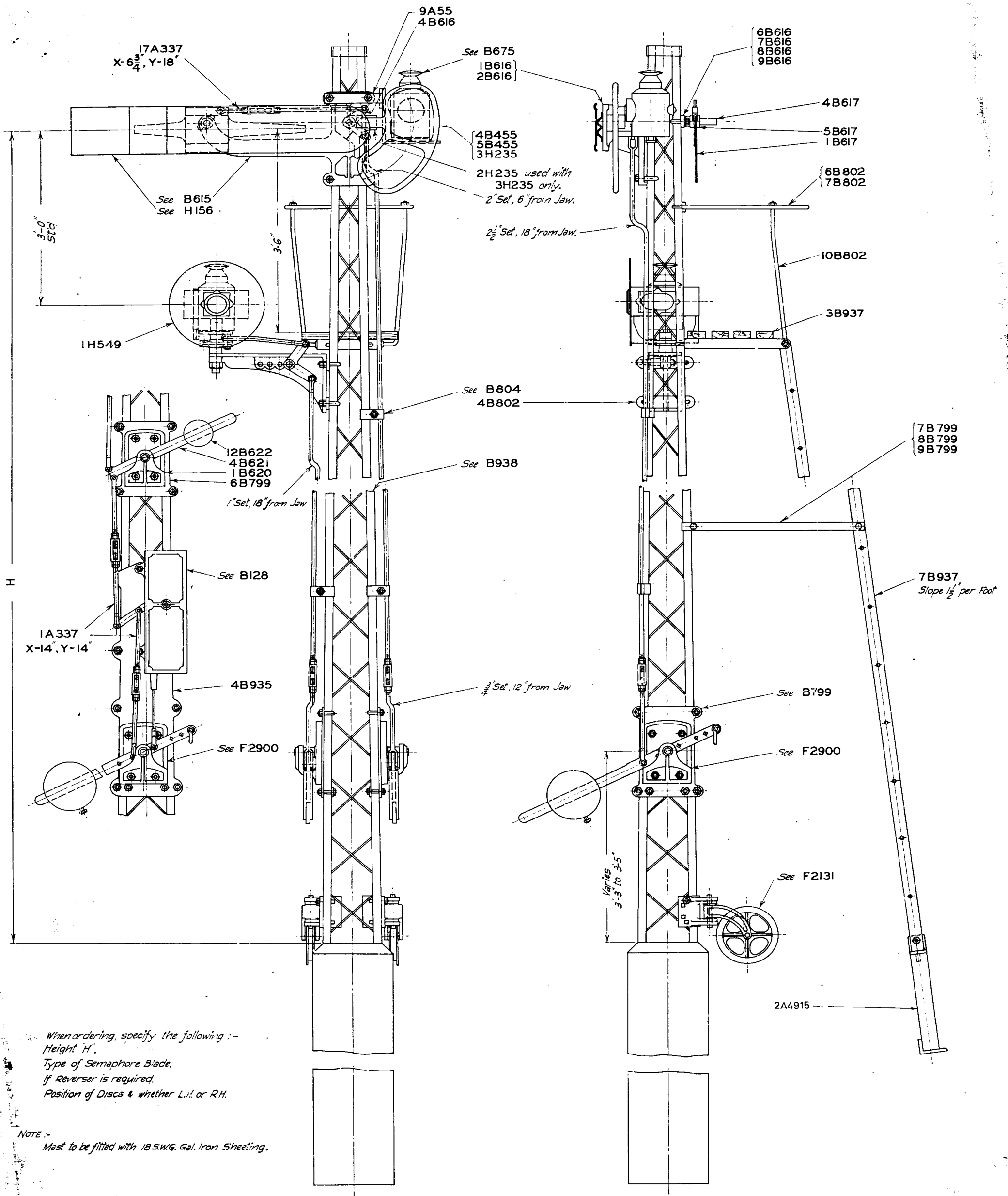


C.S. WASHER 9B617 C.I. COLLAR 11B617

R4396 J 9 1	3	7-1-04	2	31-5-57	24-10-45	VICTORIAN RAILWAYS SEMAPHORE SIGNAL DETAILS 23-6-42.	Sig. & Trk. Engineer: <i>[Signature]</i> Drawn by: S.C.O. <i>[Signature]</i> Traced by: R.M.D. <i>[Signature]</i> B617
	Part 12B617 added.	All tolerances except where otherwise stated - On decimal dimensions $\pm .005$ " On fractional dimensions $\pm \frac{1}{64}$ "	Part 11B617 added.	Part 10B617 added.	Redrawn & Revised Part Nos 2 & 3B617 cancelled. Part Nos 6, 7, 8 & 9B617 & Alteration No 395 added. Original under same title & number. Dated 12-11-26.		

3rd ANGLE PROJECTION

29810
J23, 2



3-9-70/AH/1413
22-9-55 AIF. 1228.

B939

VICTORIAN RAILWAYS
MECHANICAL SIGNAL
STRAIGHT MAST
LATTICE TYPE
ASSEMBLY

Scale 1" = 1 Foot

1-3-91

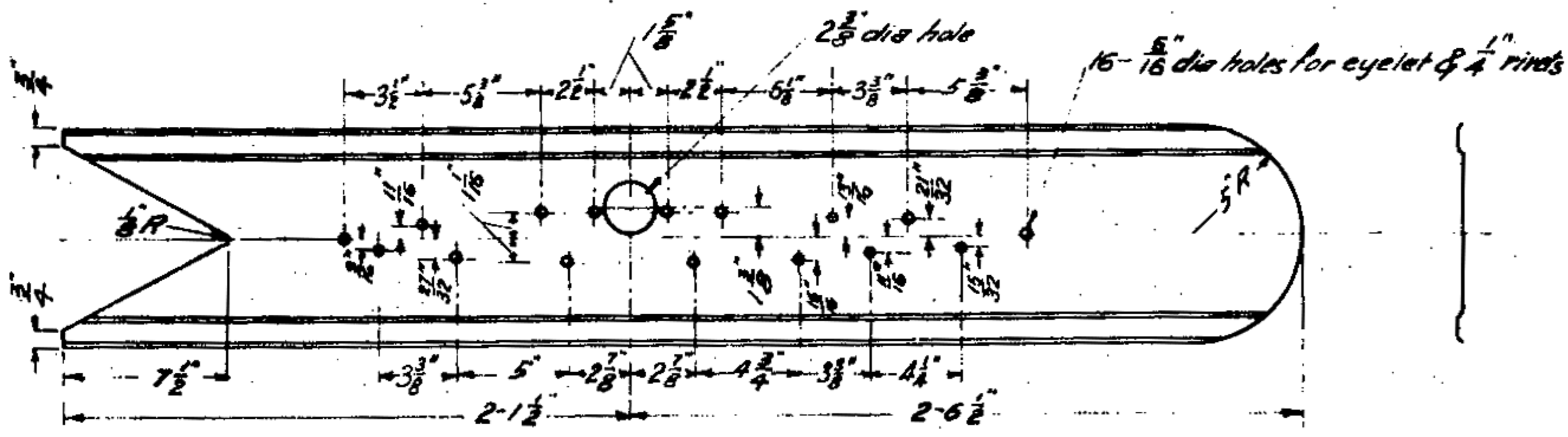
Sig. & Tel.
Engineer

Drawn by
K21C.

Traced by
K21C.

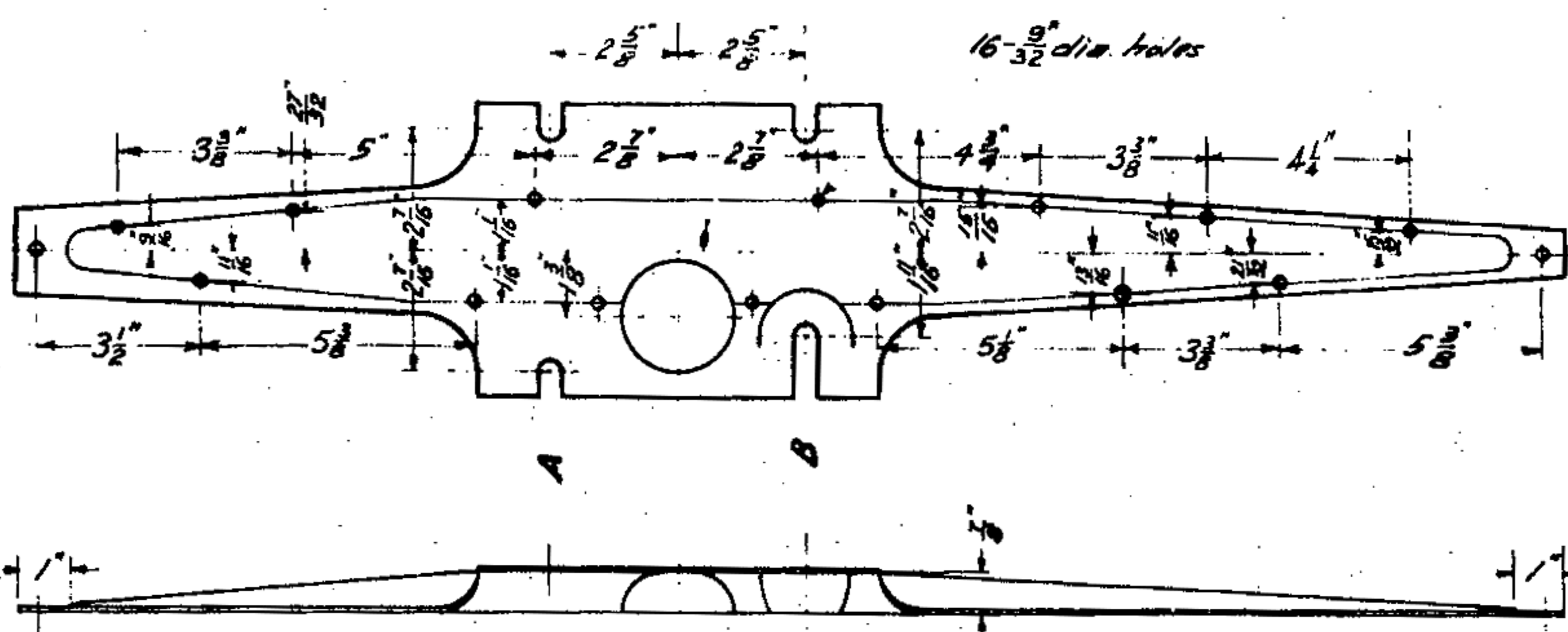
[Signature]

B939



FISH TAIL ENDED BLADE

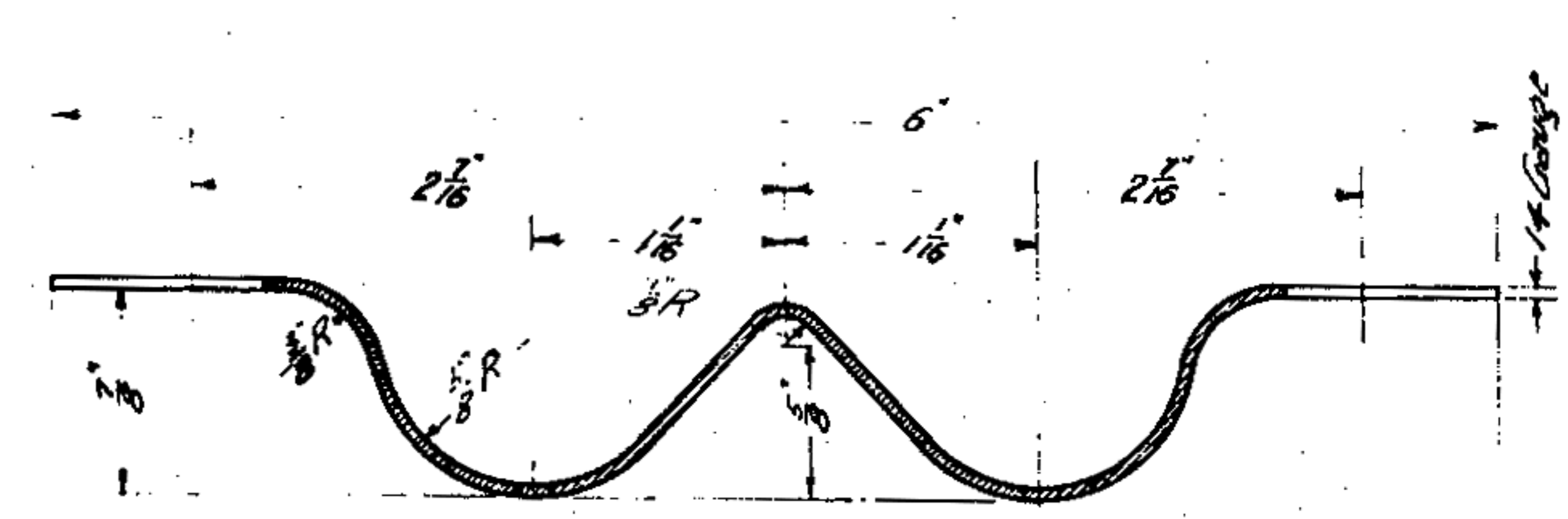
1B381



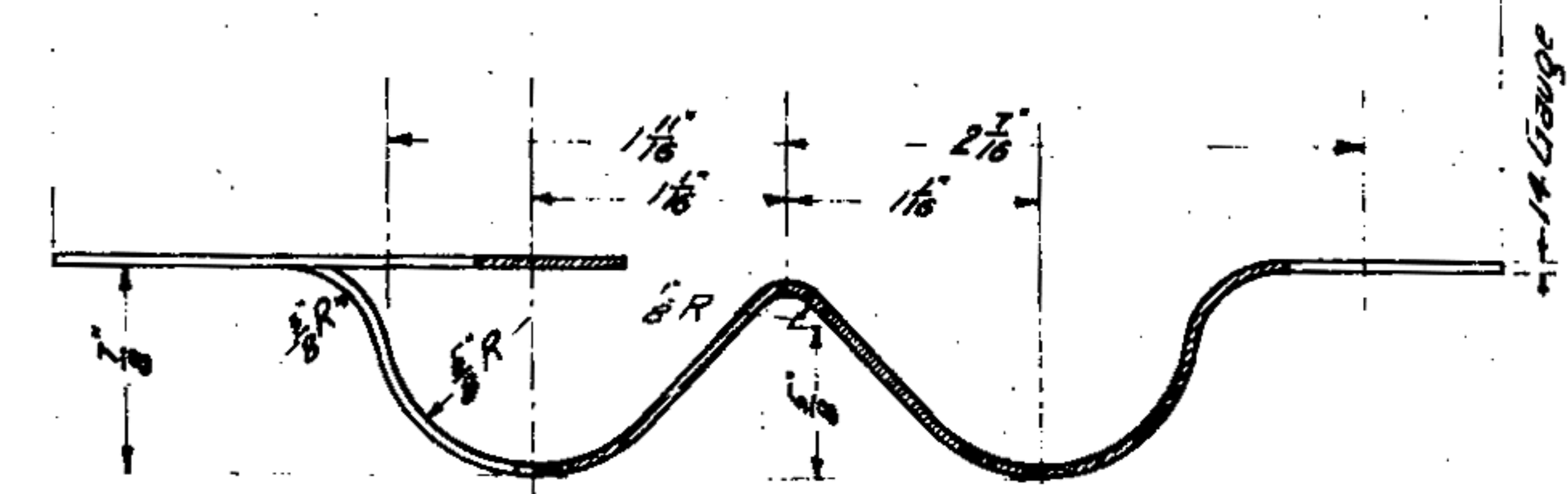
STIFFENING PLATE

(For Fish Tail & Square Ended Blade)

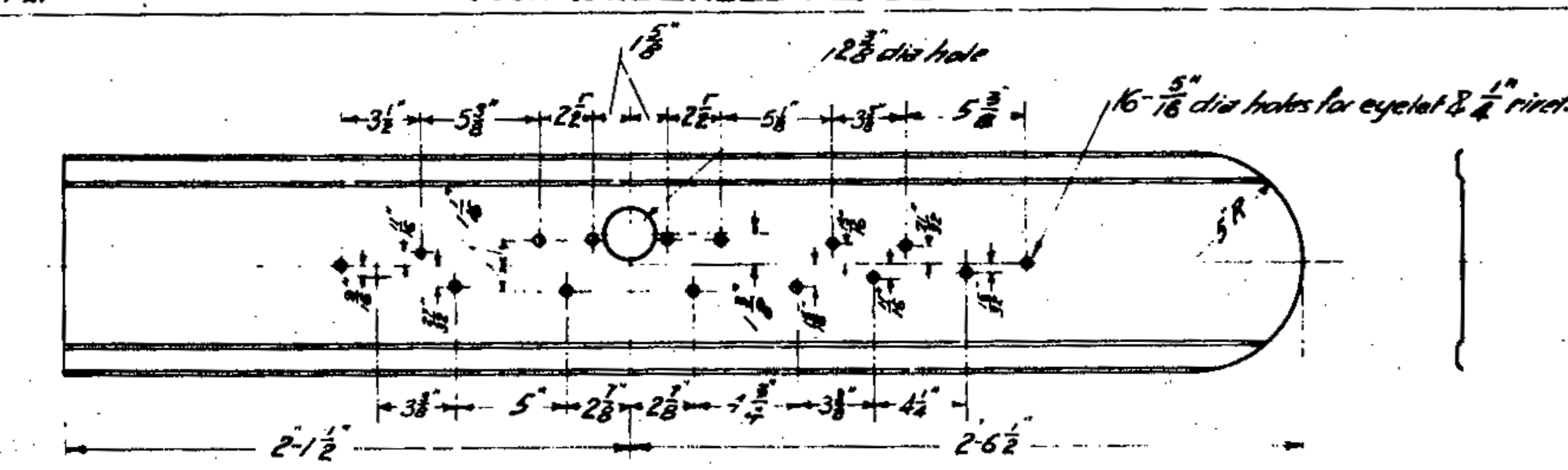
4B381



Section at A

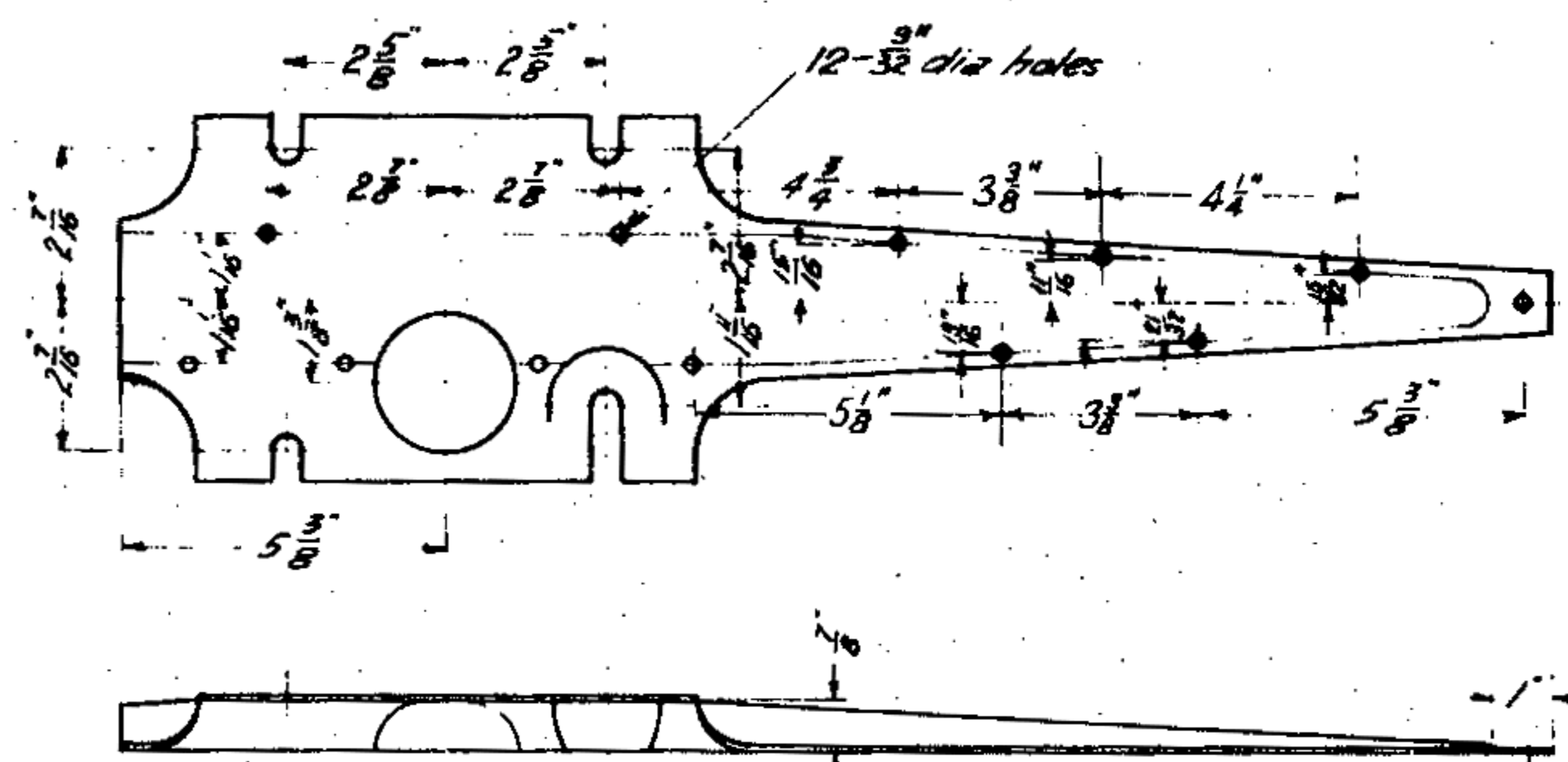


Section at B



SQUARE ENDED BLADE

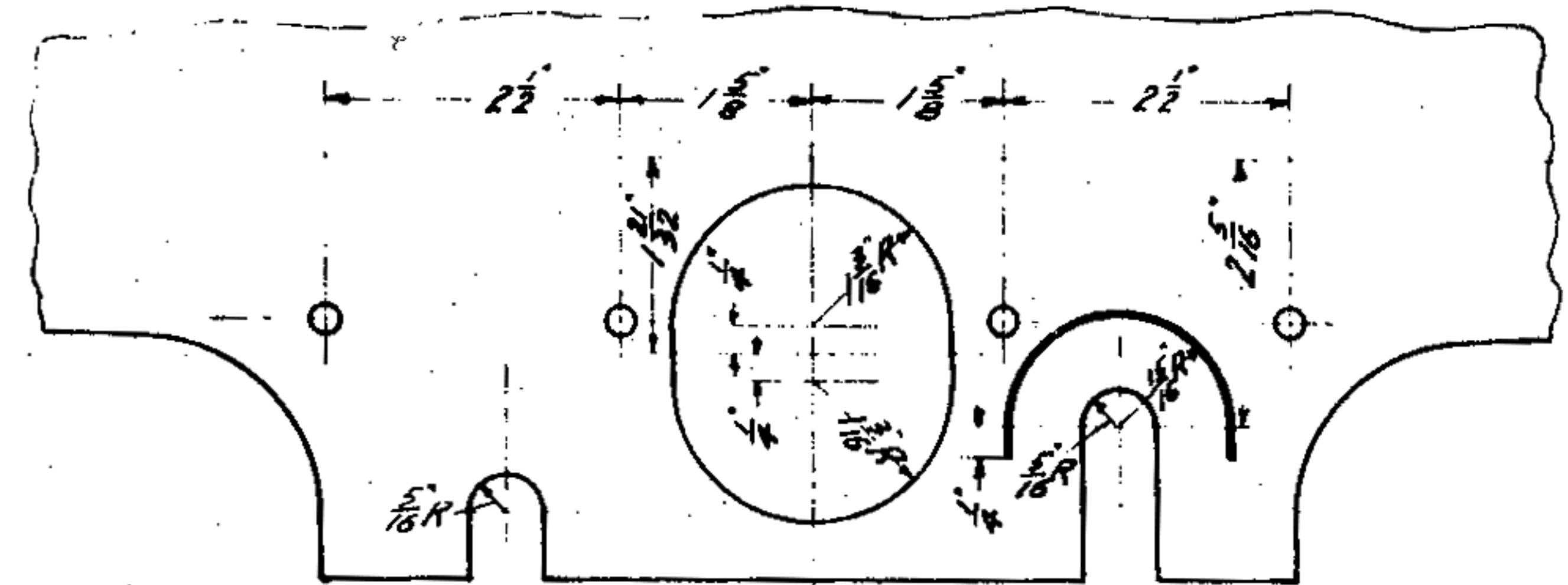
2B381



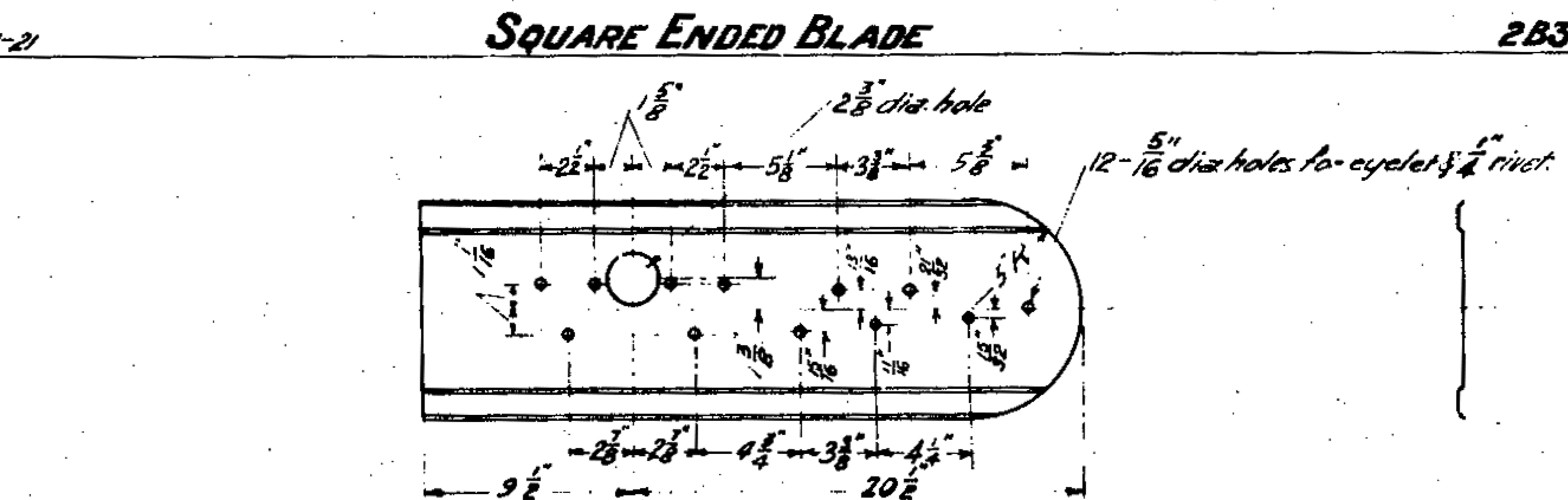
STIFFENING PLATE

(For Calling On Blade)

5B381

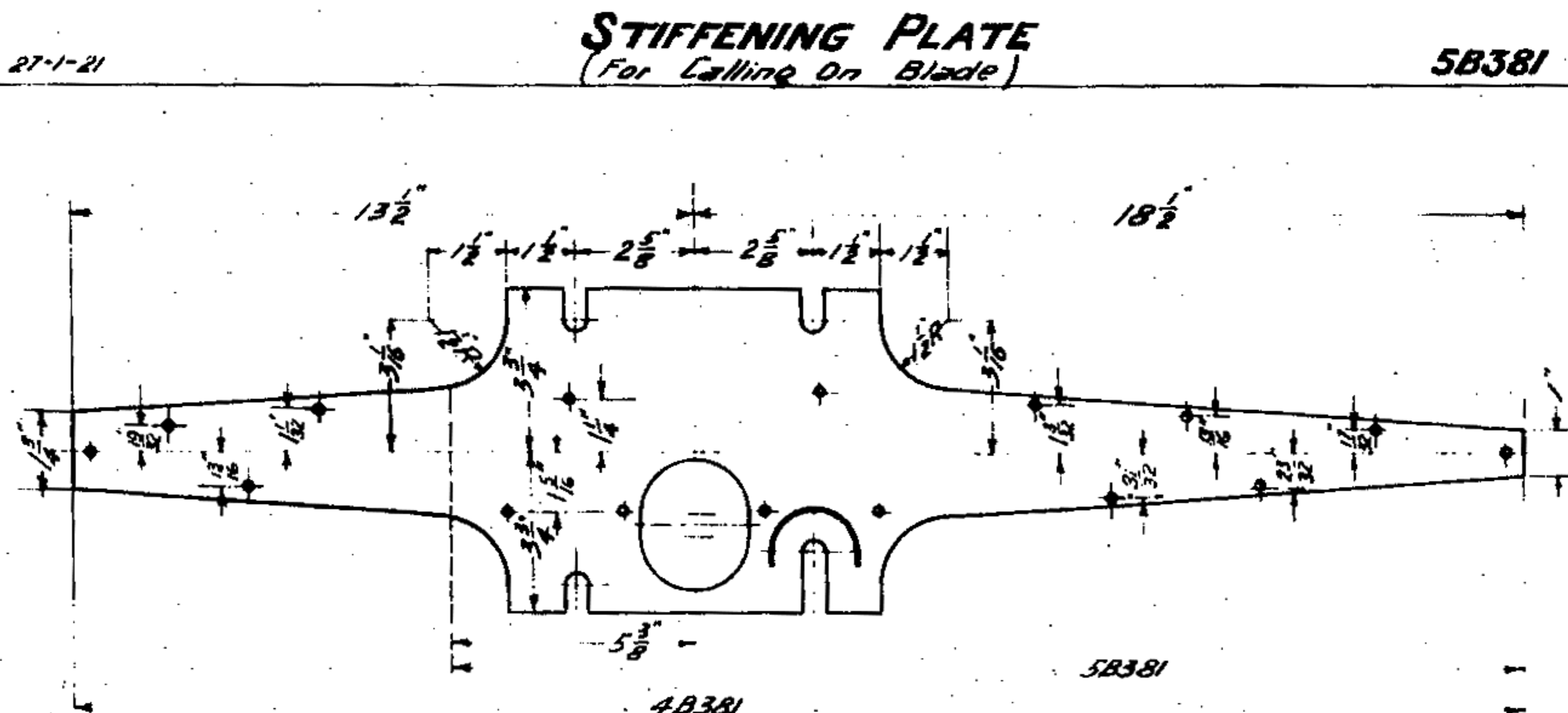


Part Plan before pressing



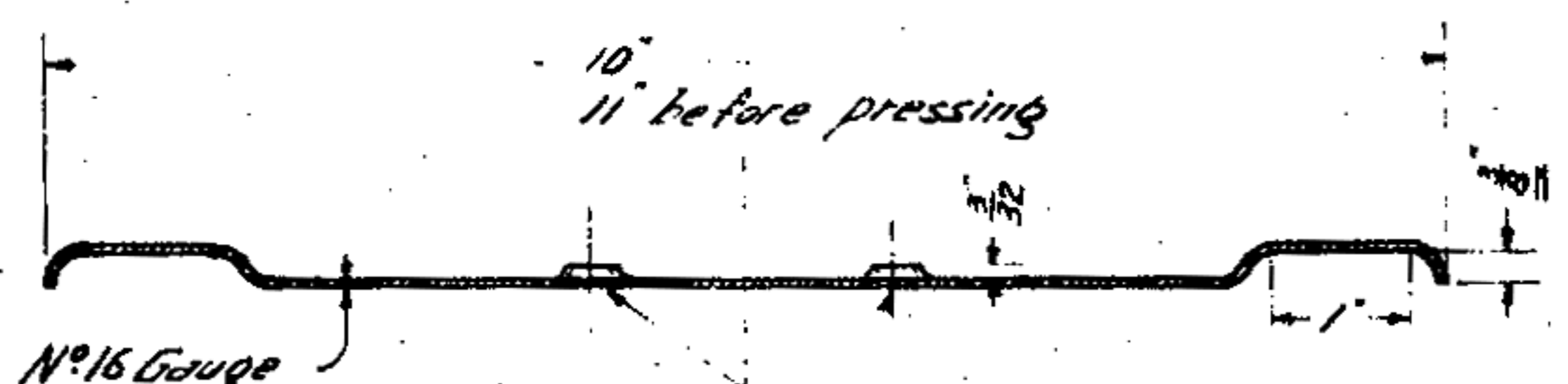
CALLING ON BLADE

3B381



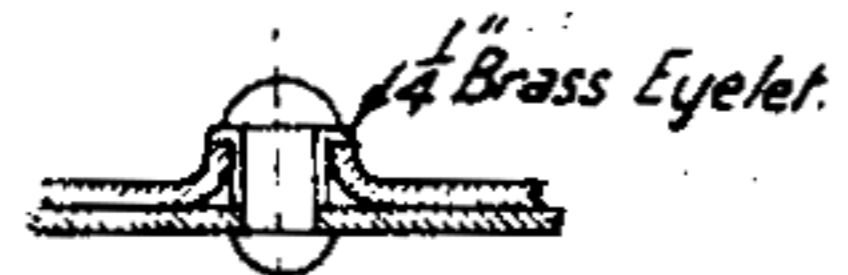
Stiffening Plate before pressing

Details of Stiffening Plate



Section of Blade

Rivet holes to be bossed as shown



38-2
COSTO PLAN
R 4229
MAY 21 1907

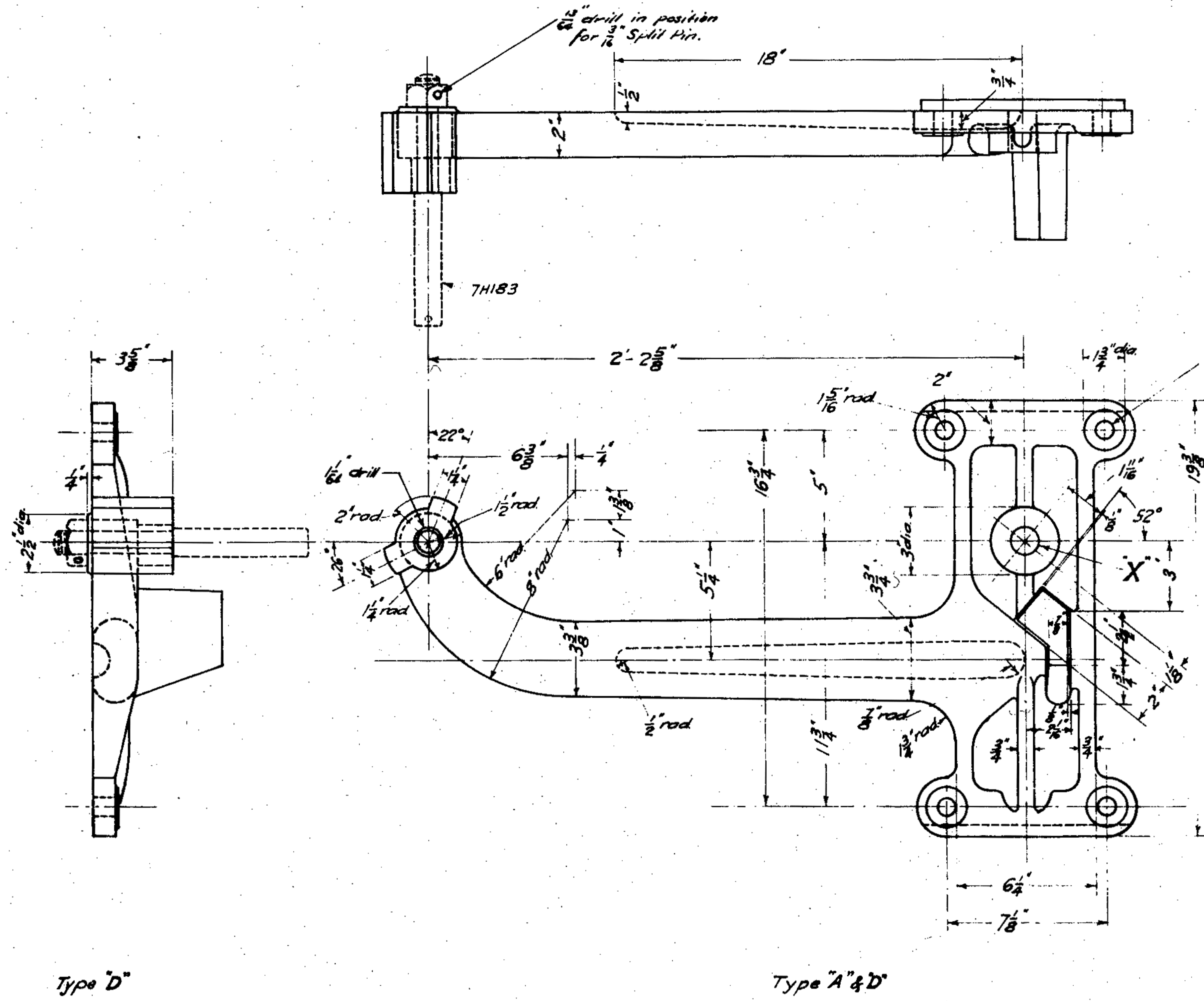
2-12-40	27-3-34	18-12-23	Reference
Alteration No 468.	Alteration No 290	Alt. No 62	For Assembly see drawing H156.

238-21

VICTORIAN RAILWAYS
SEMAPHORE BLADES
ENAMELLED STEEL
DETAILS

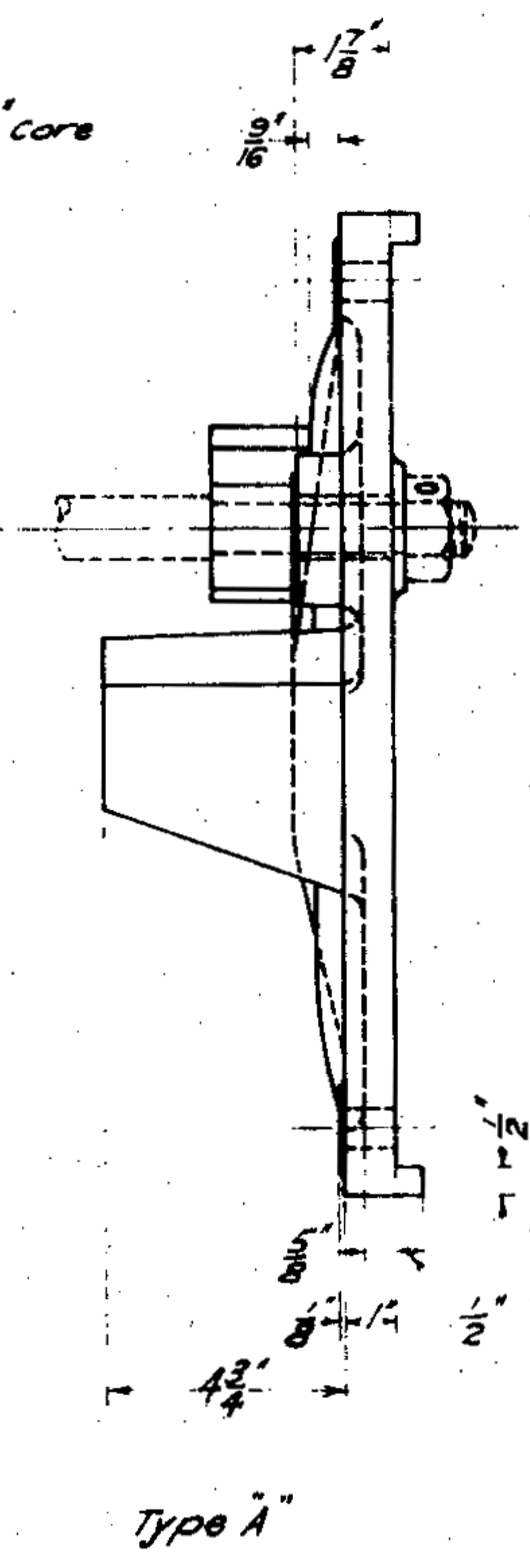
Engineer of Signals
Drawn by
Traced by

B381

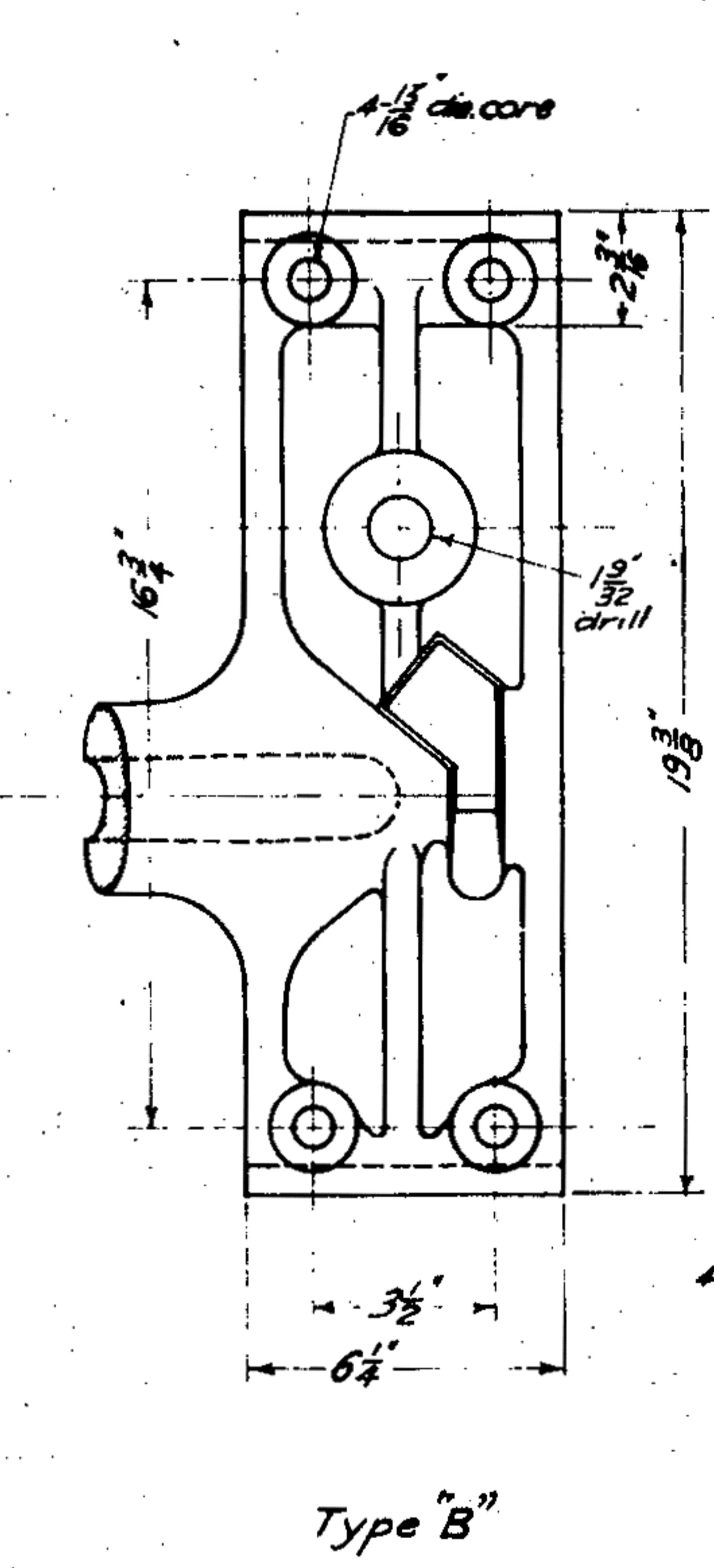


Type "D"

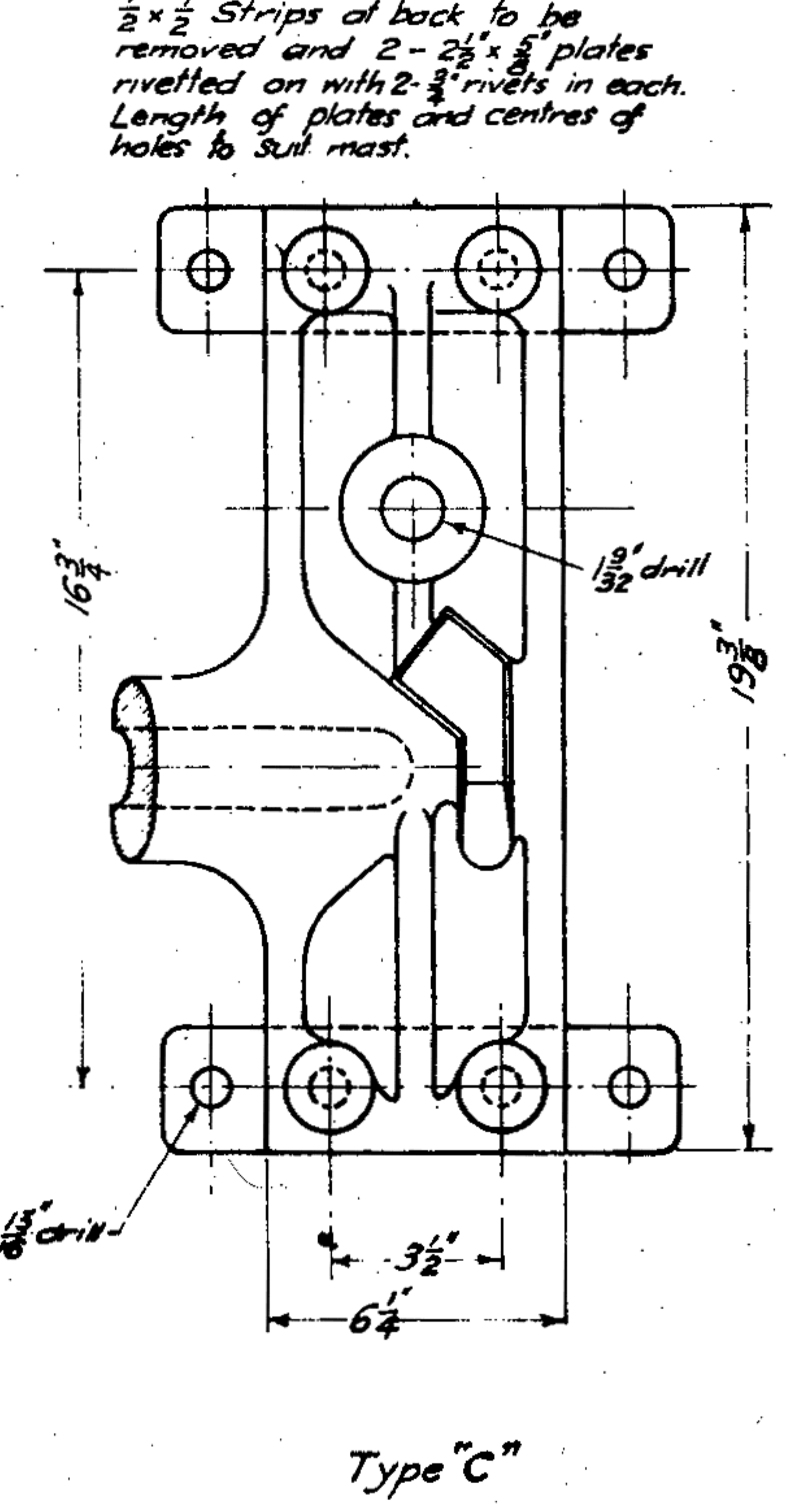
Type "A" & "D"



Type "A"



Type "B"



Type "C"

1/2 x 1/2 Strips at back to be removed and 2-2 1/2 x 3/4 plates rivetted on with 2-3/4 rivets in each. Length of plates and centres of holes to suit mast.

Supplied with 7H183

Type "D" Hole at X 1 1/2 gauge & 1/2 x 1/2 strips on back removed 4B615
 Type "C" 3A615
 Type "B" 2B615
 Type "A" hole at X 1 1/2 drill 1B615

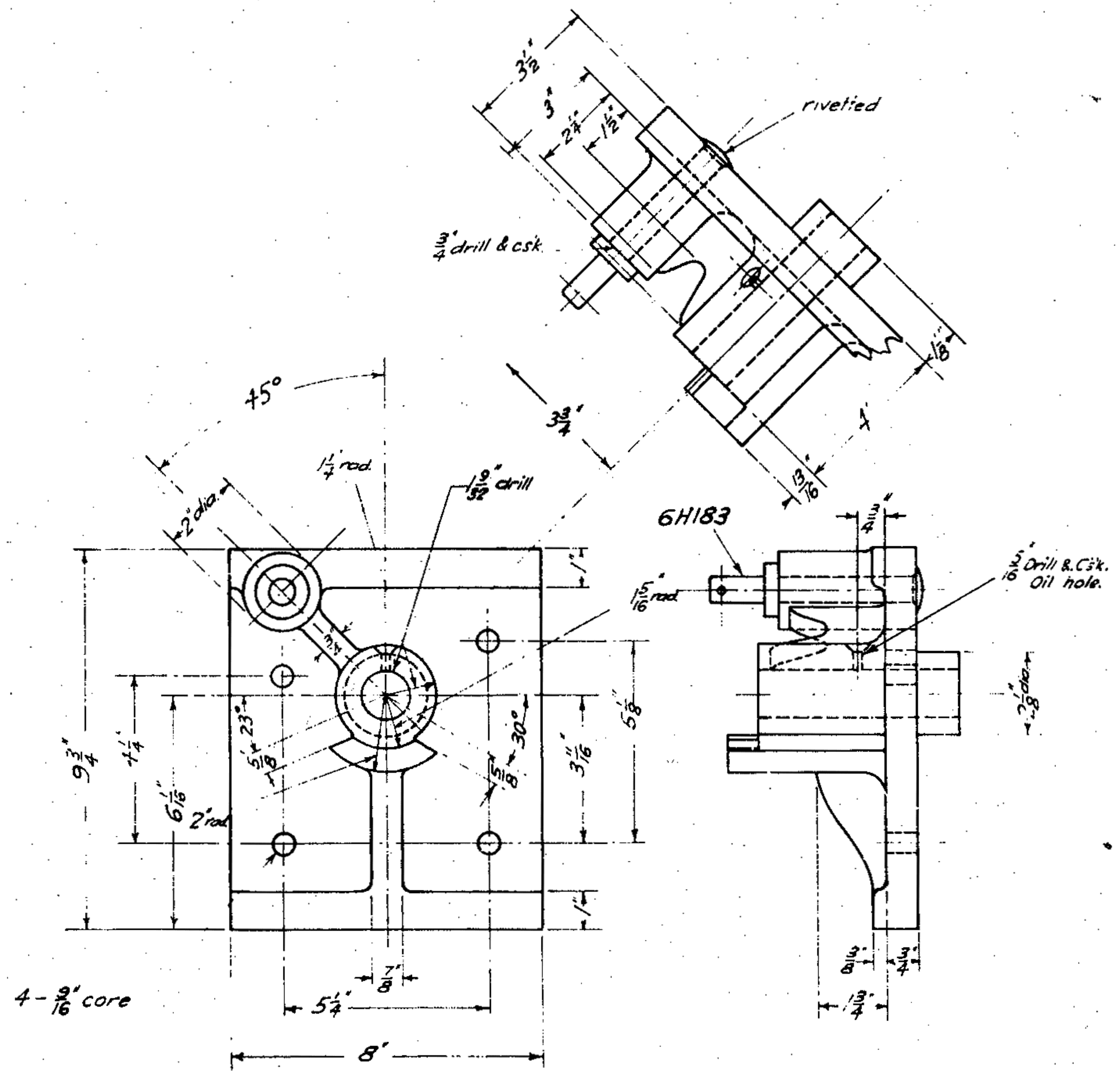
C.I.
SEMAPHORE BRACKET

12-11-26

4394

31-1-51. Alteration No. 756. A.B.H.	8-7-42. Alteration No. 506. R.M.D.	VICTORIAN RAILWAYS SEMAPHORE SIGNAL DETAILS OF BRACKETS (MAIN ARM) 12-11-26	Chief Eng. Sigs & Tels. A.B.H.	Checked by Sigs & Tels. R.M.D.
--	---	--	--------------------------------------	--------------------------------------

B 615



Supplied with 6H183 (rivetted in)
 & 4 N^o Bolts 5/8 dia B.S.W. x 1 1/2 long & Nuts HRH. M.S.
 & Spring Washers

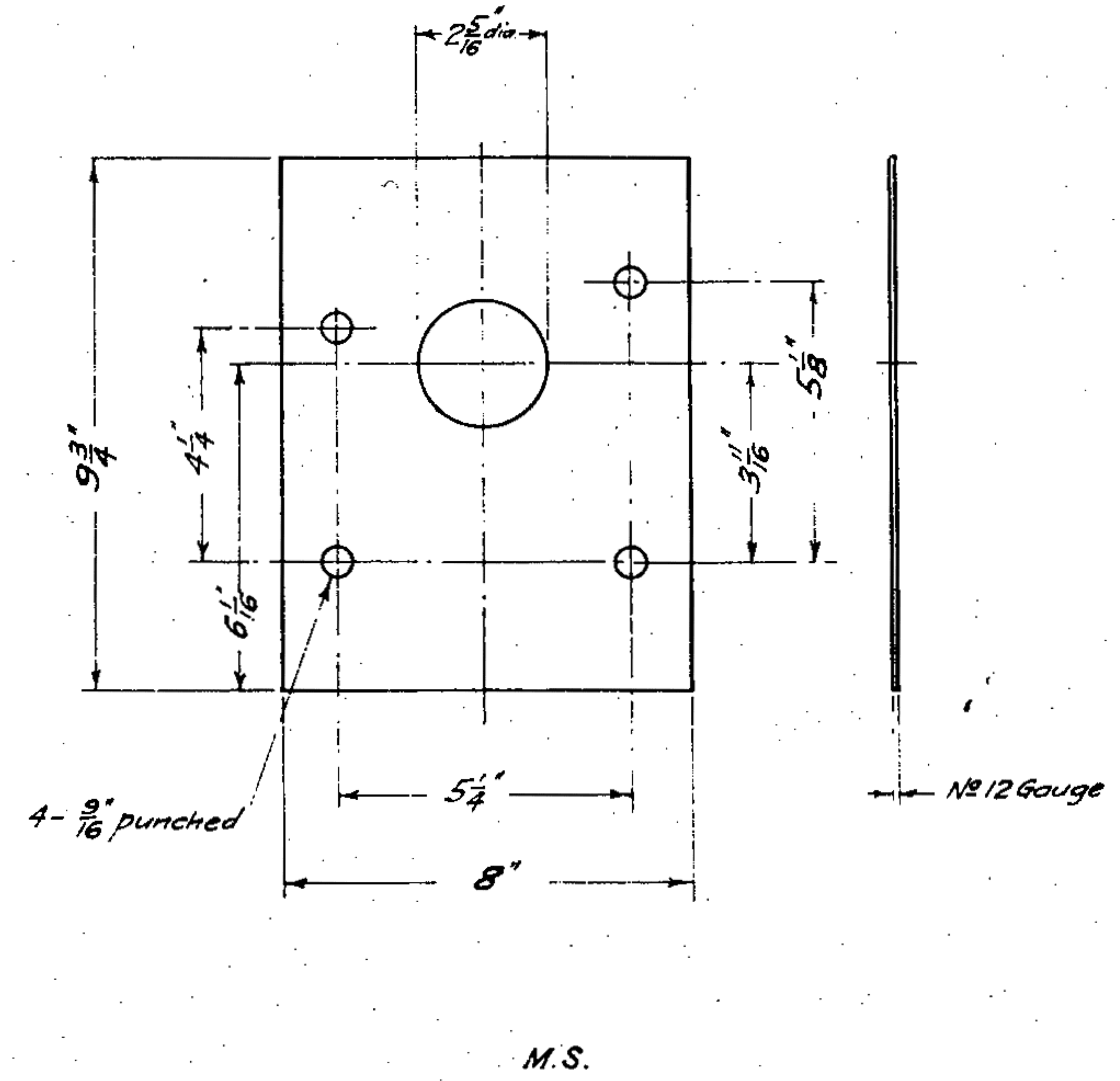
C.I.

BLADE CARRIER

Alt N^o 1059 21-2-01
 12-11-26

1B616

12-11-26

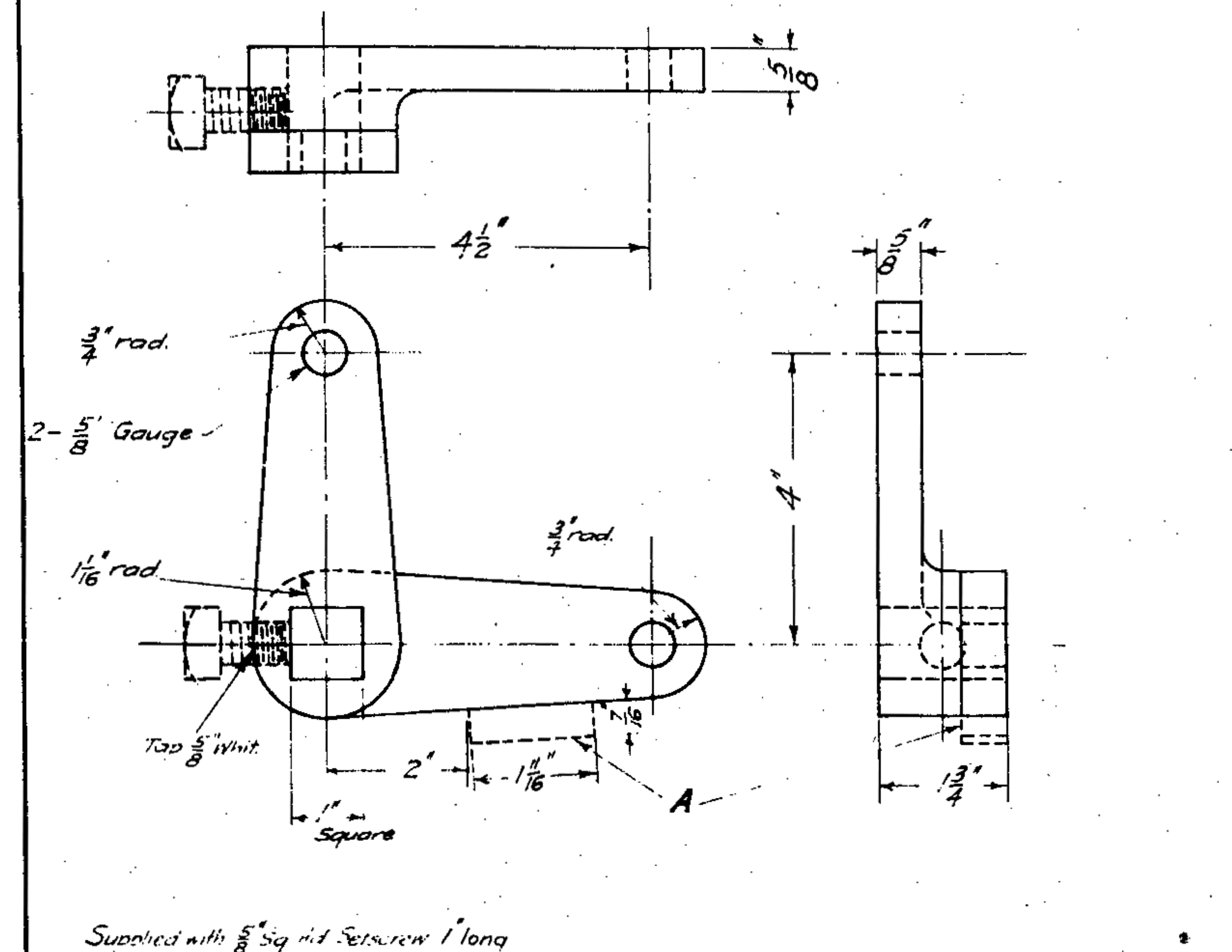


M.S.

BLADE CARRIER PLATE

2B616

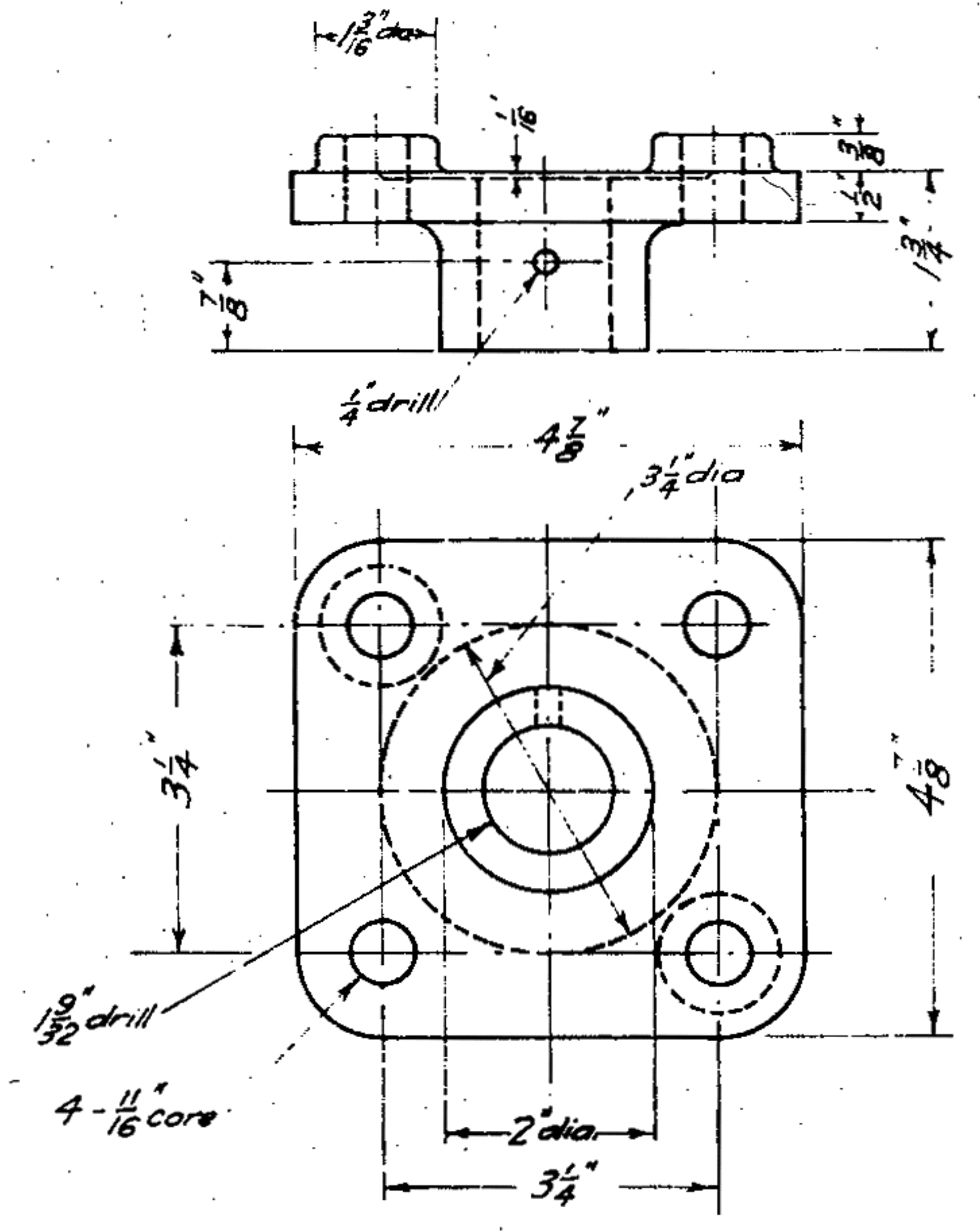
12-11-26



C.S. GR. B.
 CRANK

WITH PROJECTION A 4B616
 3B616

Alt B62 15-9-55
 12-11-26

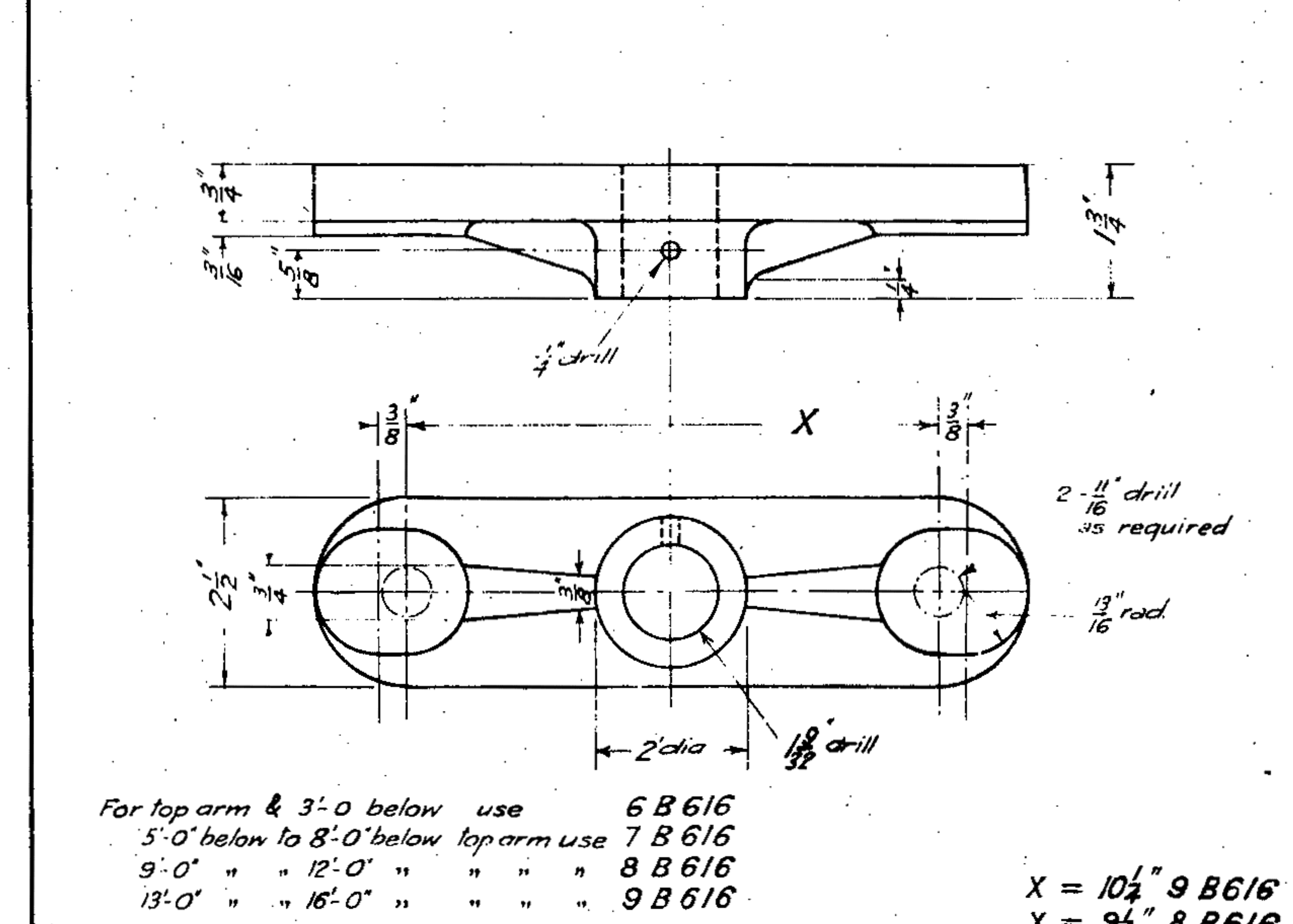


C.I.

BACK BEARING (TIMBER MAST)

5B616

12-11-26



C.I.

BACK BEARING (LATTICE MAST)

22-10-29 / Alt. N^o 238
 12-11-26

For top arm & 3'-0 below use 6B616
 5'-0 below to 8'-0 below top arm use 7B616
 9'-0 " " 12'-0 " " " 8B616
 13'-0 " " 16'-0 " " " 9B616

X = 10 1/2" 9B616
 X = 9 1/4" 8B616
 X = 8 1/2" 7B616
 X = 7" 6B616

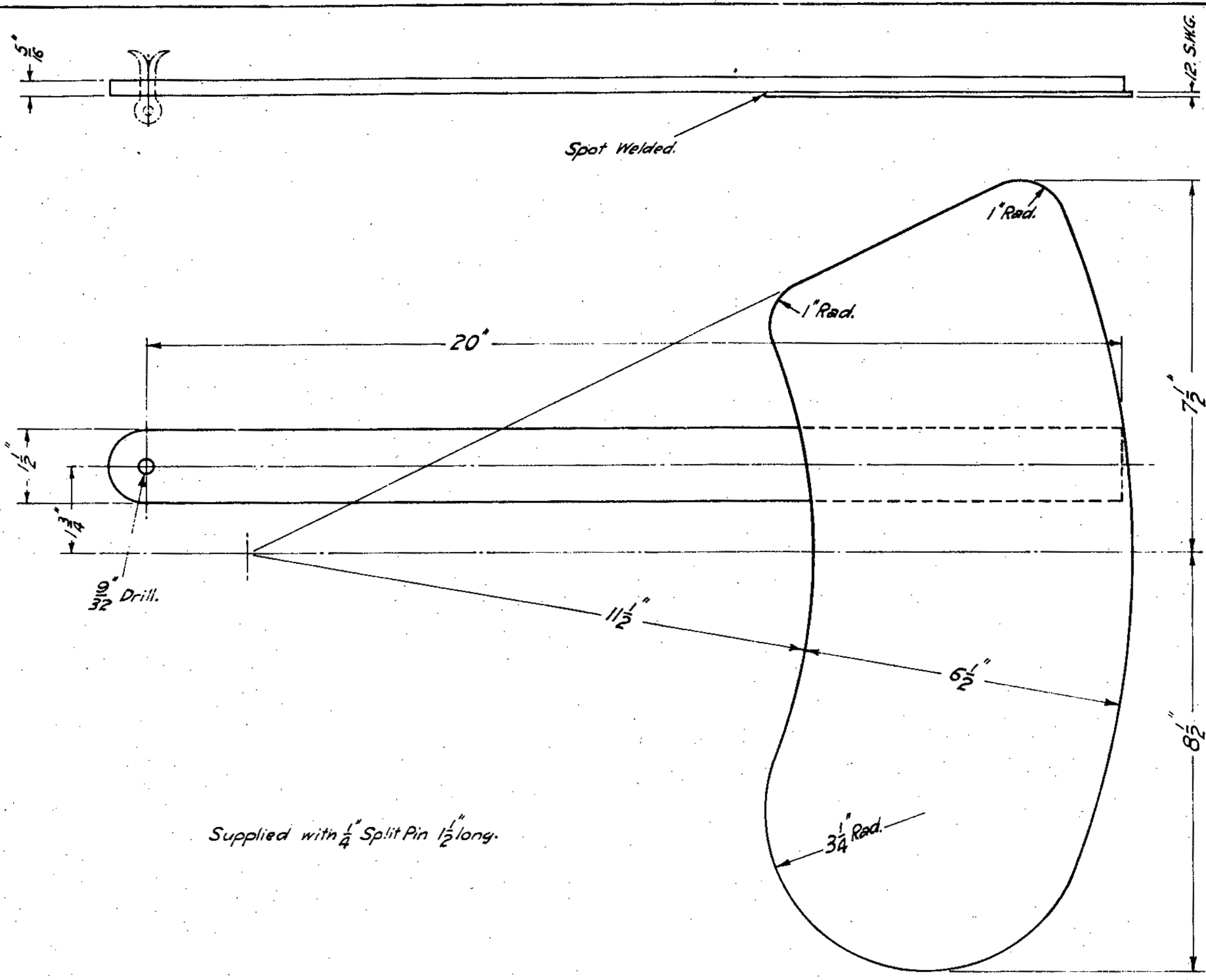
1 29-1-42
 Part N^o 1B616
 Oil hole added.
 R.M.D.

VICTORIAN RAILWAYS
SEMAPHORE SIGNAL
 DETAILS

Chief Eng. Sigs. & Tels.
 Drawn from Sample
 Traced by S.C.O.

B 616

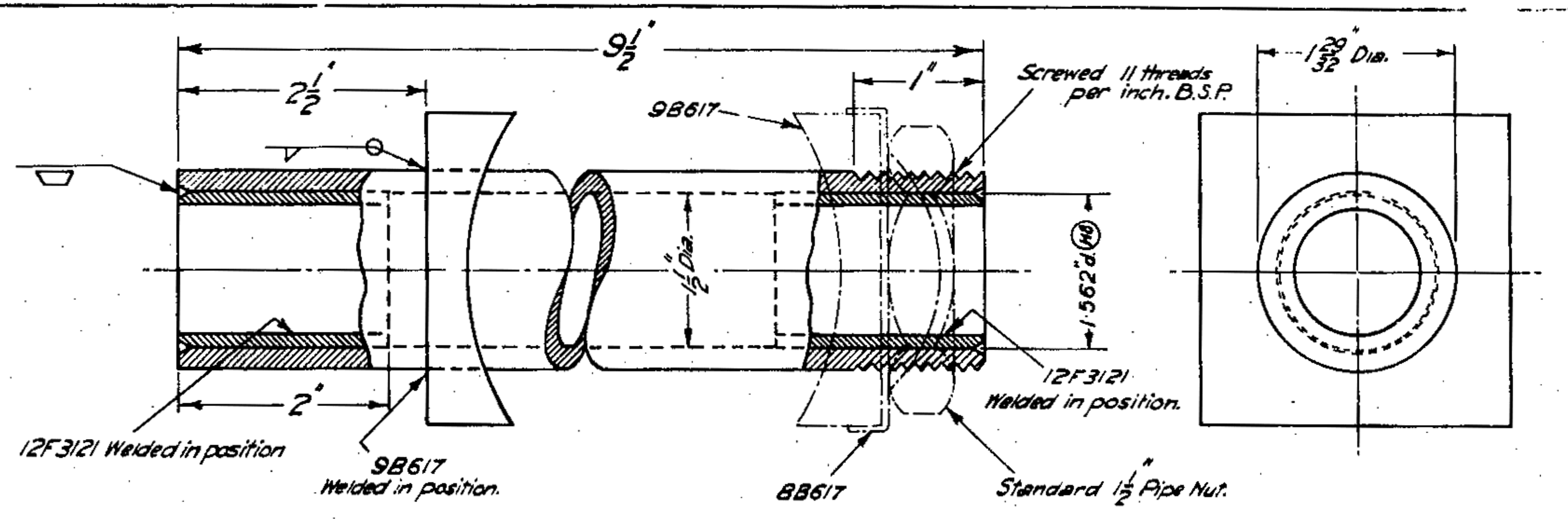
12-11-26



Supplied with 1/4" Split Pin 1 1/2" long.

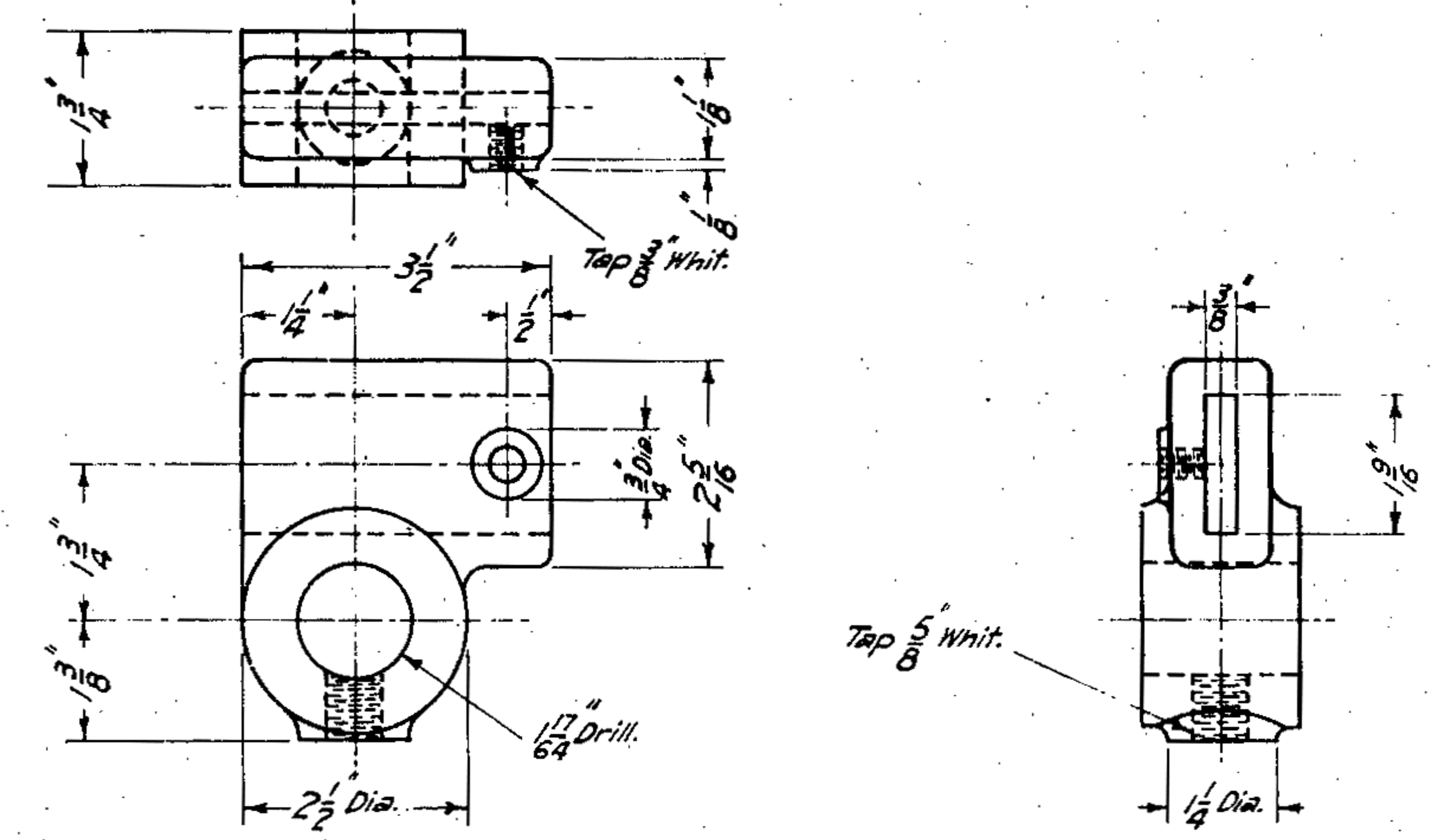
M.S. BLINDER IB617

23-6-42



BEARING COMPLETE - 7B617 6B617

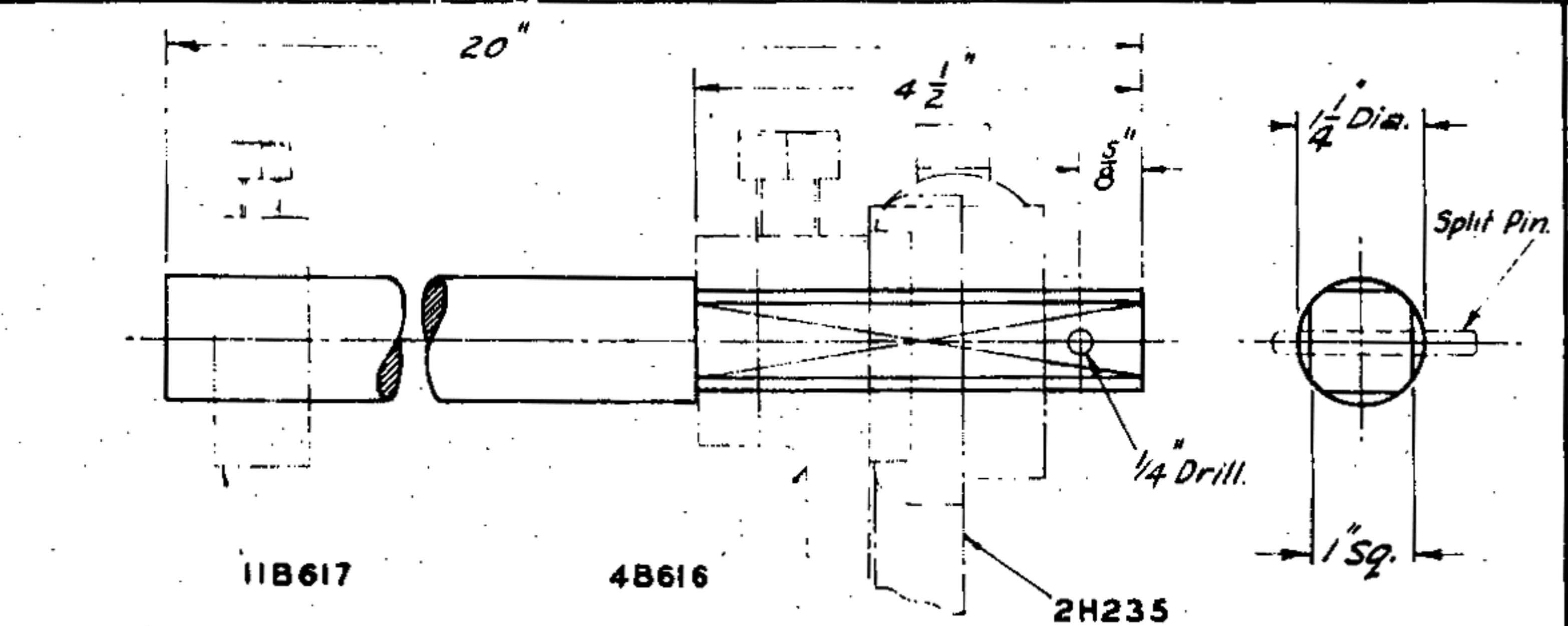
23-6-42



C.I. BLINDER CARRIER 5B617

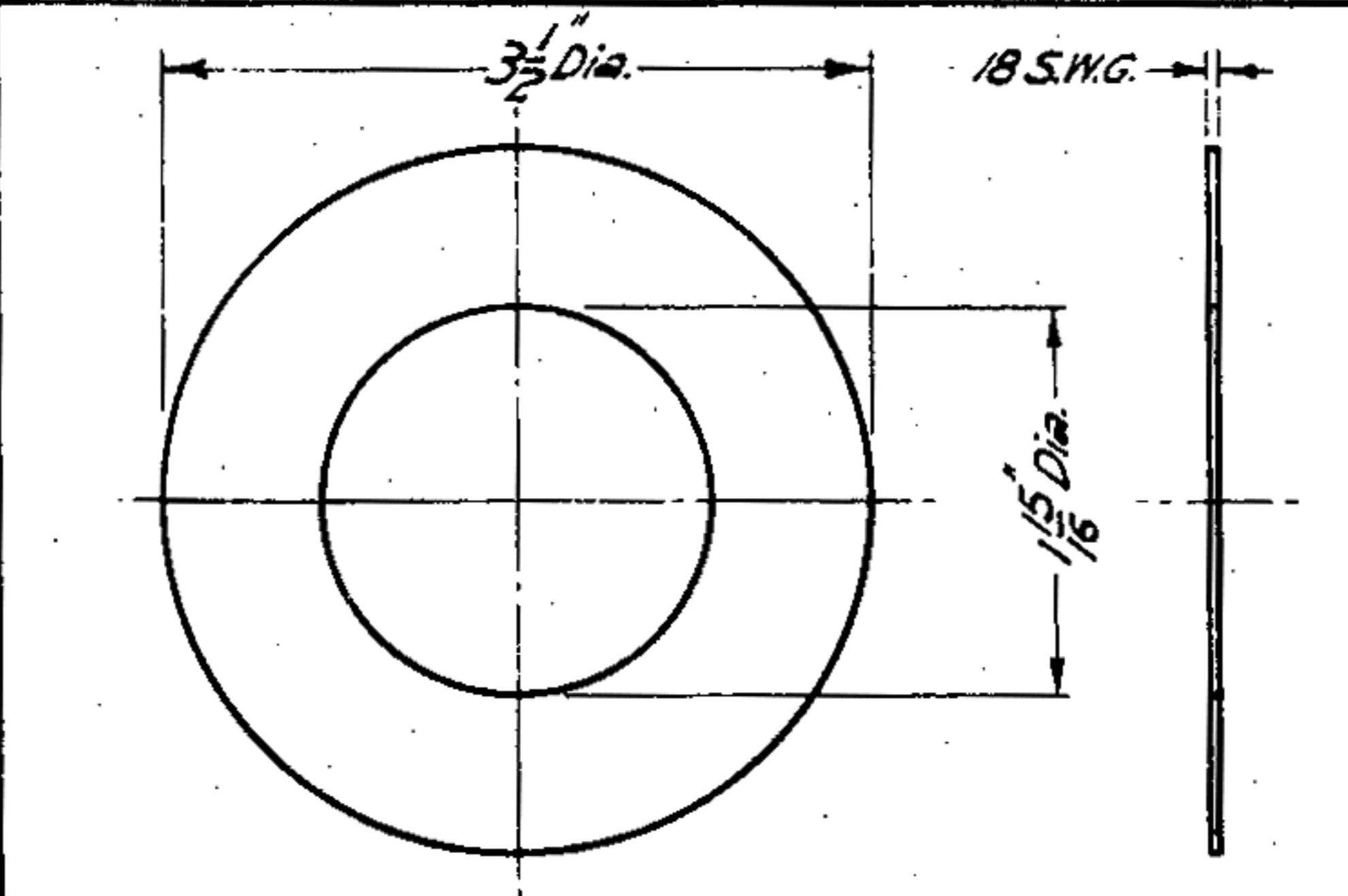
23-6-42

Supplied with: -
1/8" Hex. Hd. Setscrew 1 1/2" long.



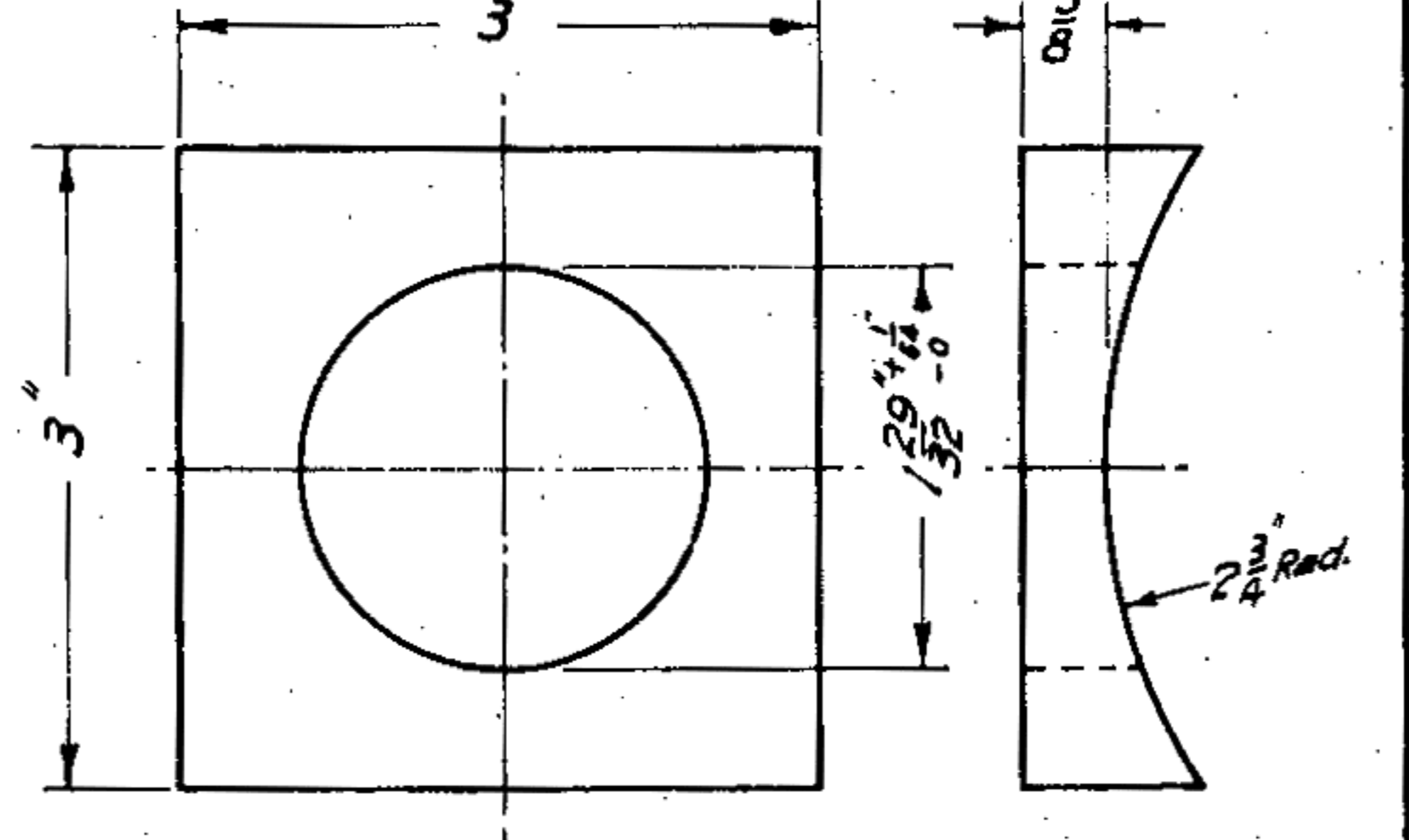
SPINDLE COMPLETE WITH-4B616,11B617 & 2H235-12B617

23-6-42



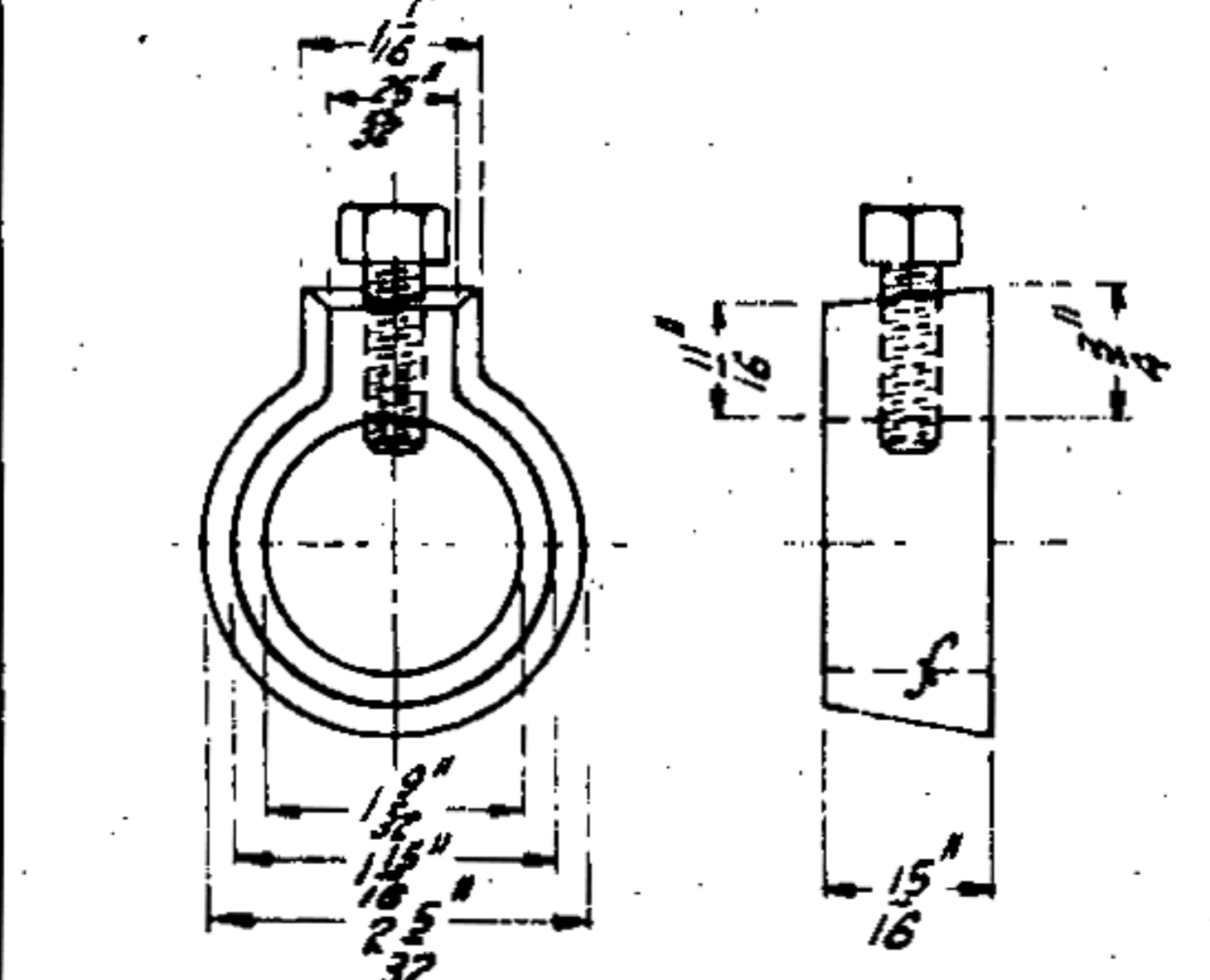
GAL. I. LOCKING WASHER 8B617

23-6-42



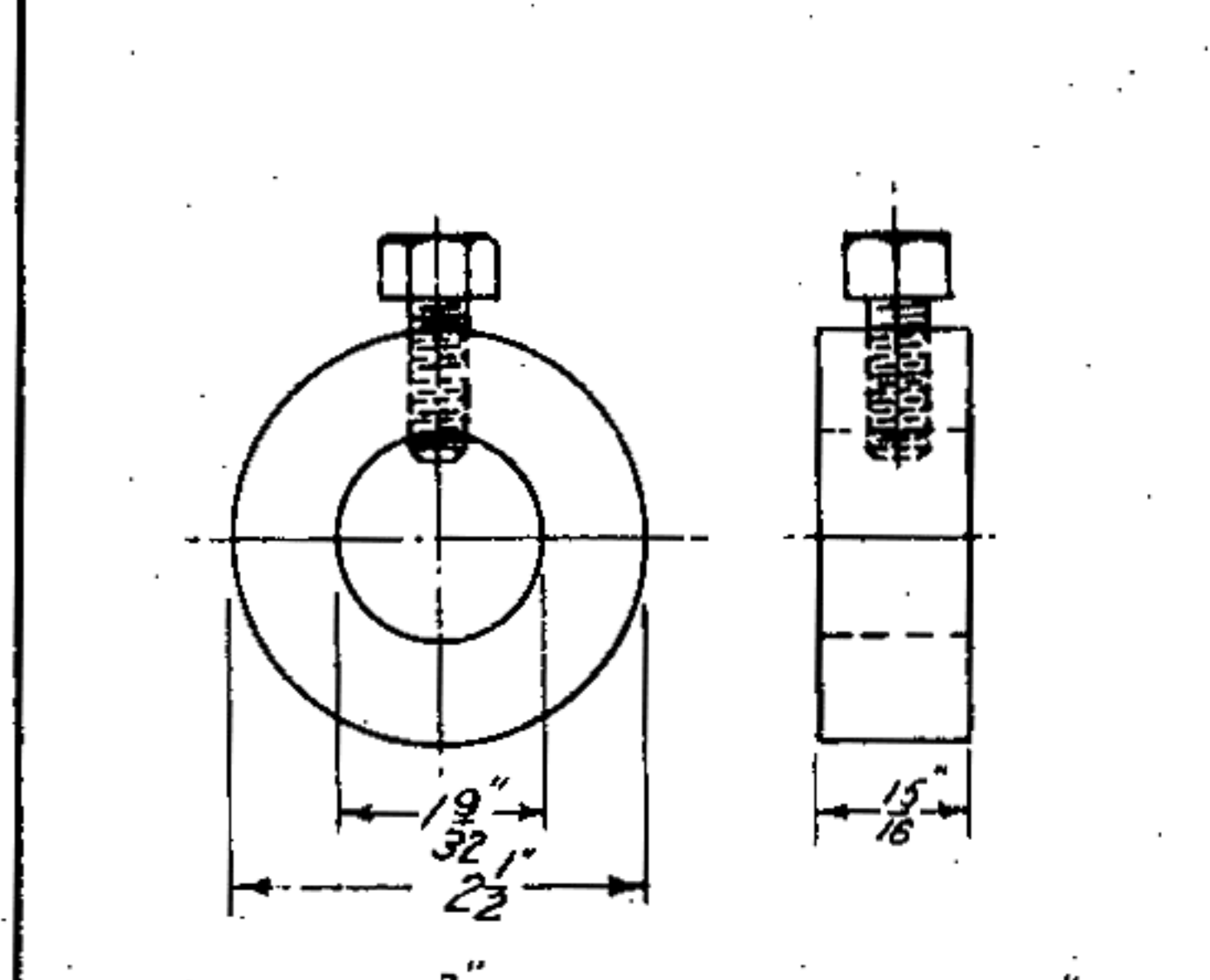
C.S. WASHER 9B617

23-6-42



C.I. COLLAR 10B617

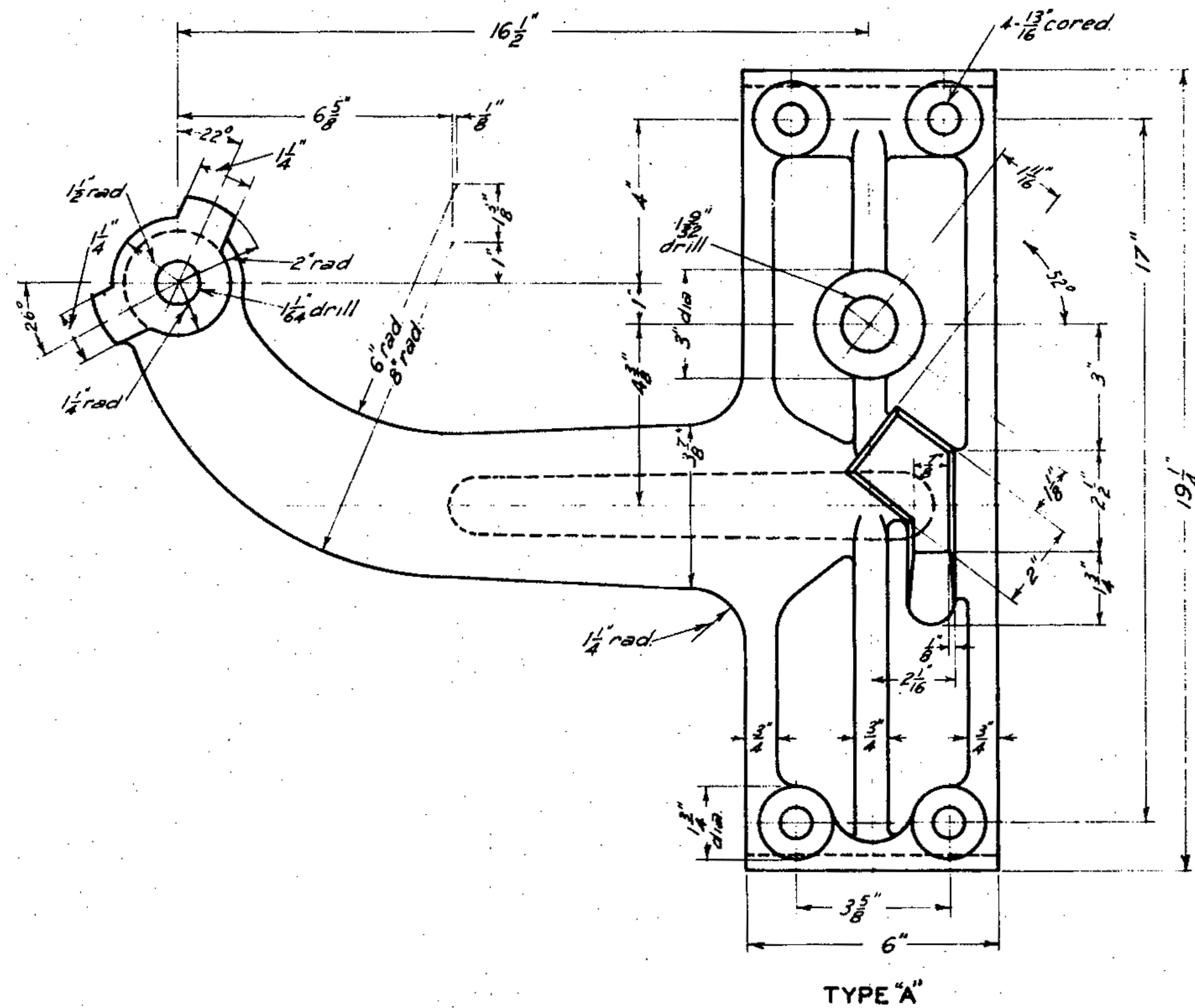
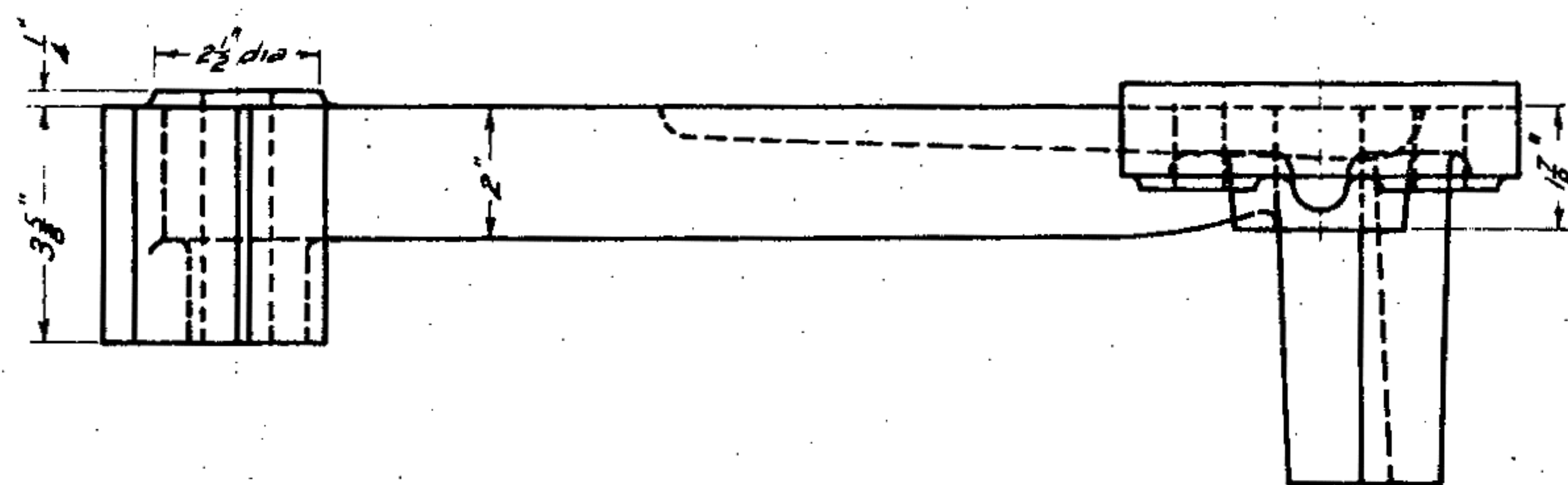
24-10-45



M.S. COLLAR 11B617

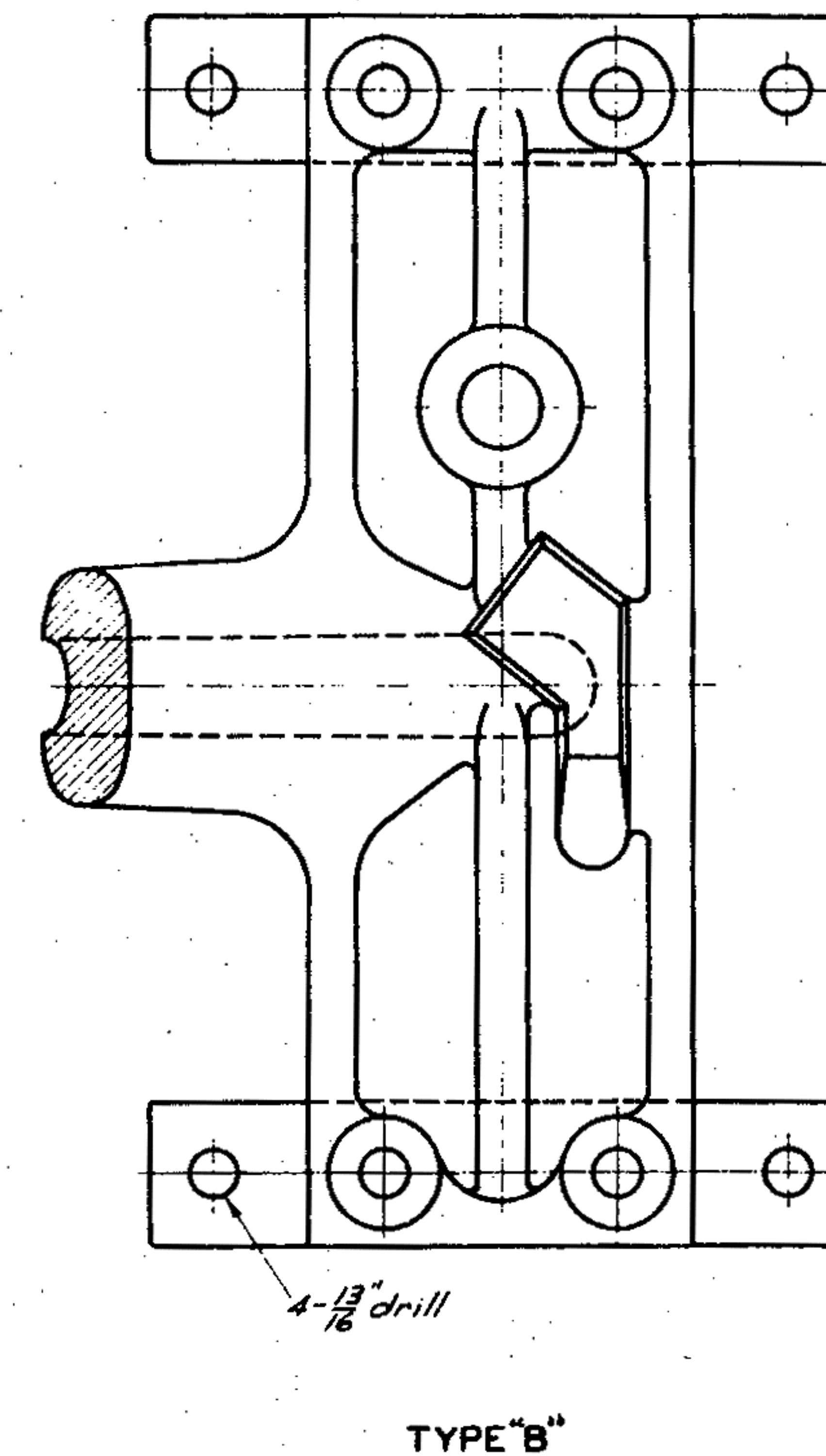
23-6-42

R4396 J91	3.	7-1-64	All tolerances except where otherwise stated:- On decimal dimensions ± .005" On fractional dimensions ± 1/64"	2.	31-5-57	1.	24-10-45	Redrawn & Revised Part Nos 2 & 3B617 cancelled. Part Nos 6,7,8 & 9B617 & Alteration No 395 added. Original under same title & number. Dated 12-11-26.	VICTORIAN RAILWAYS SEMAPHORE SIGNAL DETAILS	Sig & Tel. Engineer. Drawn by S.C.O. Traced by R.M.D.	B617 23-6-42.
		Part 12B617 added.		Part 11B617 added.		Part 10B617 added.					

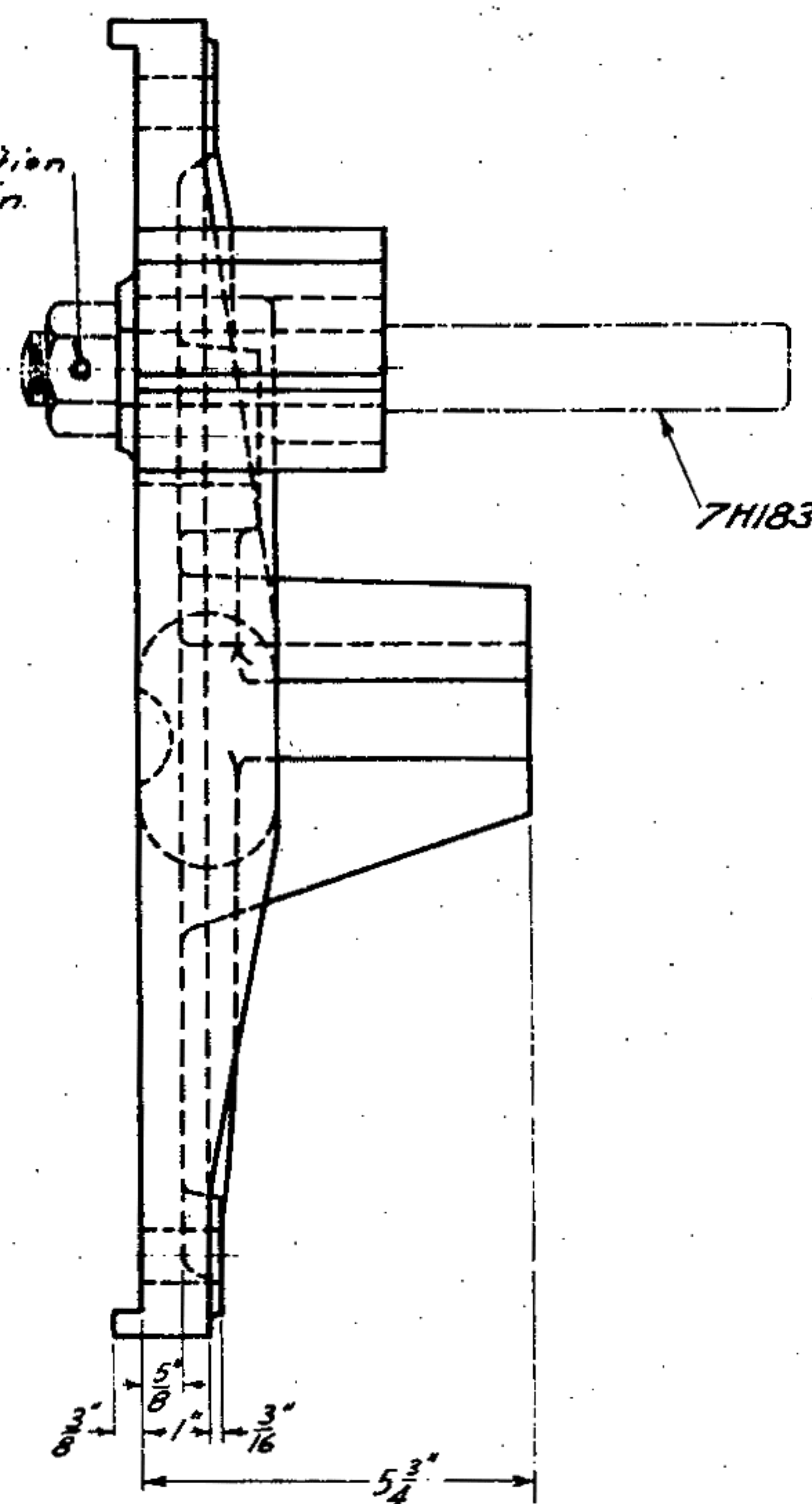


Supplied with:- 7H183

3/8 x 3/8 Strips at back to be removed and 2-2 1/4 x 3/4 Plates rivelled on with 2-3/8 rivets in each. Length of Plates and centres of holes to suit mast.



13/64 drill in position for 3/16 Split Pin.



C.I.
SEMAPHORE BRACKET

TYPE "B" - 2B682
" "A" - 1B682

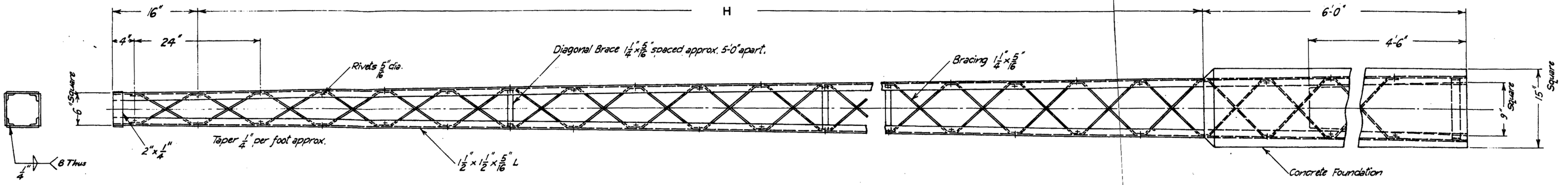
31-1-51.
Alteration No. 756

VICTORIAN RAILWAYS
SEMAPHORE SIGNAL
DETAILS OF BRACKETS
(CALLING ON "AFM")

Chief Eng Signals	Drawn from Sample	Traced by LJP
[Signature]	[Signature]	[Signature]

B682

24-4-28



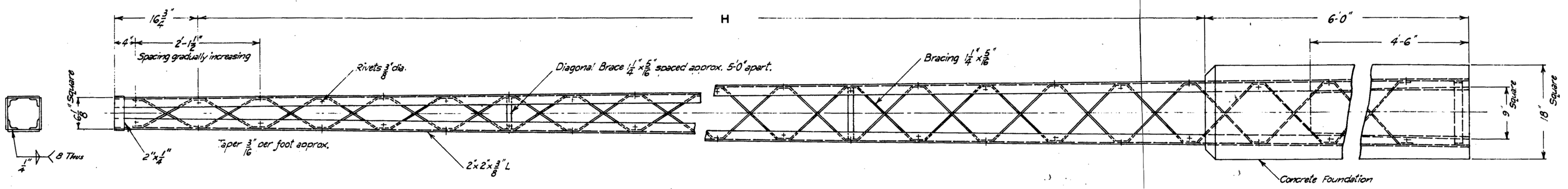
$\frac{1}{4} \times \frac{5}{16}$ Strap for Semaphore Bracket to be riveted as required.

H to be specified when ordering.

22-9-65 Alt. 1228
1-3-41

MAST H - 15'-0" TO 24'-0"

1B938



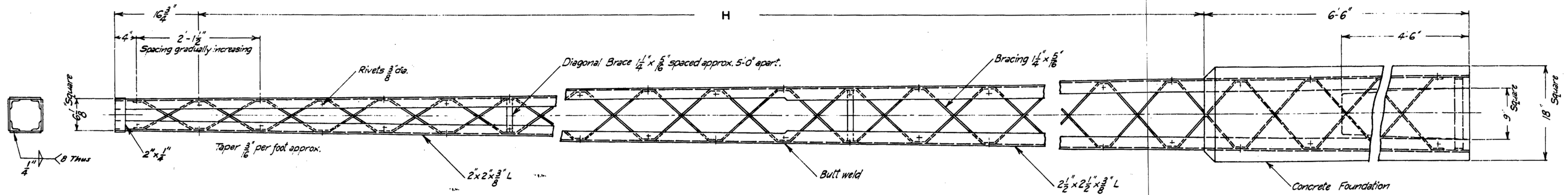
$\frac{1}{4} \times \frac{5}{16}$ Strap for Semaphore Bracket to be riveted as required.

H to be specified when ordering.

22-9-65 Alt. 1228.
1-3-41

MAST H - 25'-0" TO 29'-0"

2B938



$\frac{1}{4} \times \frac{5}{16}$ Strap for Semaphore Bracket to be riveted as required.

H to be specified when ordering.

22-9-65 Alt. 1228.
1-3-41

MAST H - 30'-0" & OVER

3B938

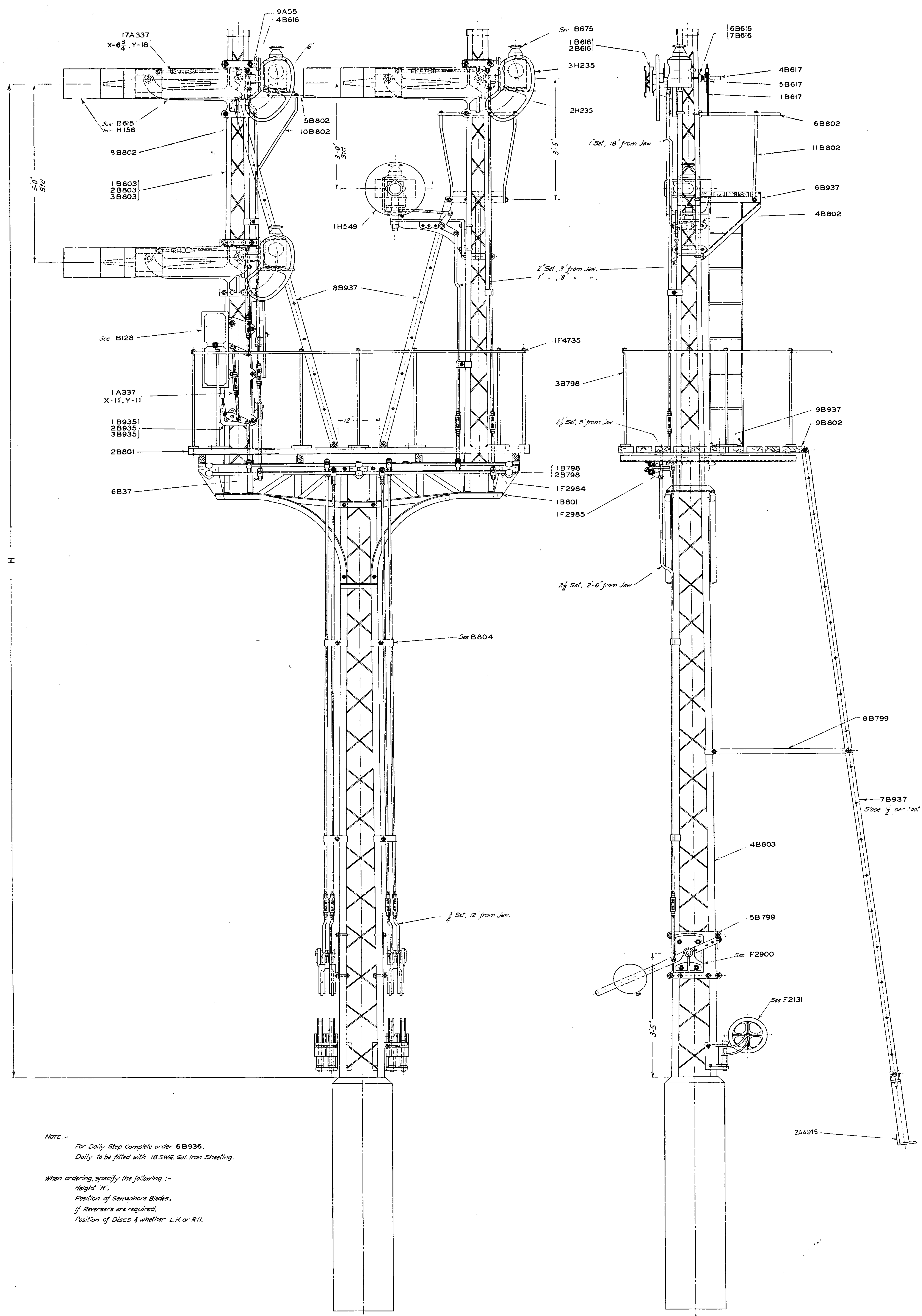
29809
J 23 2

VICTORIAN RAILWAYS
MECHANICAL SIGNAL
DETAILS

Sig. & Tel. Engineer	Drawn by K.C.H.G.	Traced by K.C.H.G.
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

B938

1-3-41



NOTE :-
For Daily Step Complete order 6B936.
Dolly to be fitted with 18 SWG Gal. Iron Sheeting.

When ordering, specify the following :-
Height 'H'.
Position of Semaphore Blades.
If Reversers are required.
Position of Discs & whether L.H. or R.H.