

TWIN SCREW STEAMERS - Nos 663-4

SHAFT BRACKETS

28/3/30
SCALE 1" = 2' INCH / FOOT AND AS MARKED

NOTES -
BRACKETS TO BE OF CAST STEEL
TO BE IN ACCORDANCE WITH LLOYDS AND BOARD OF TRADE TESTS
AND REQUIREMENTS FOR CLASS 100A1 AND PASSENGER CERTIFICATE

SEA SPEED - 20 KNOTS
TRIAL SPEED - 22 KNOTS
S.H.P. - 14,000 PER SHAFT
R.P.M. - 125
DIA OF PROPELLER - 19" 0
TAIL SHAFT - 22" - 24" OVER LNER

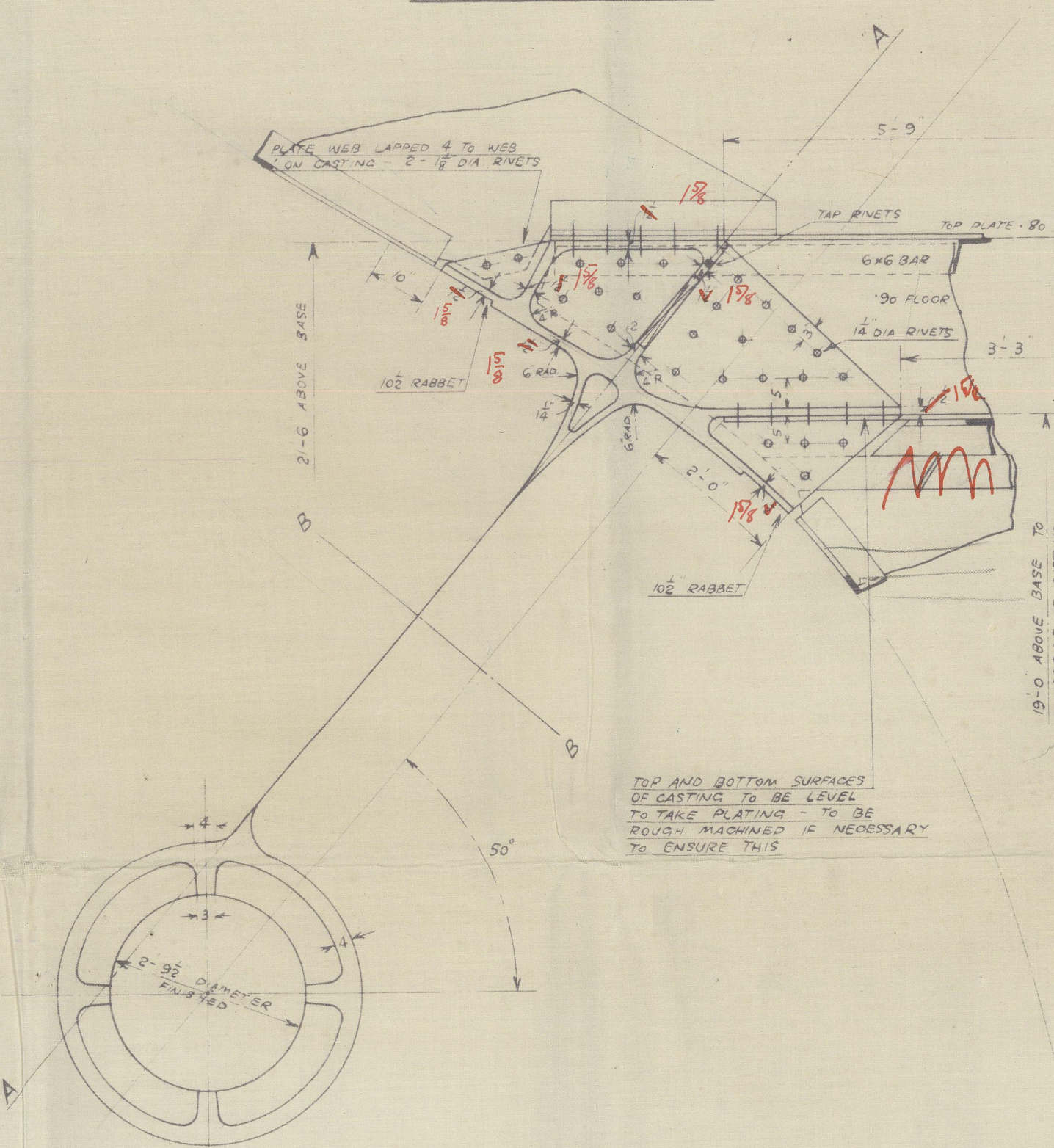
SHAFT CENTRES
HEIGHT ABOVE BASE
OUTREACH FROM 2

FRAME 6 - CENTRE OF PROP	10' 9"	19' 3"
" 58 -	13' 7 1/2"	10' 6"

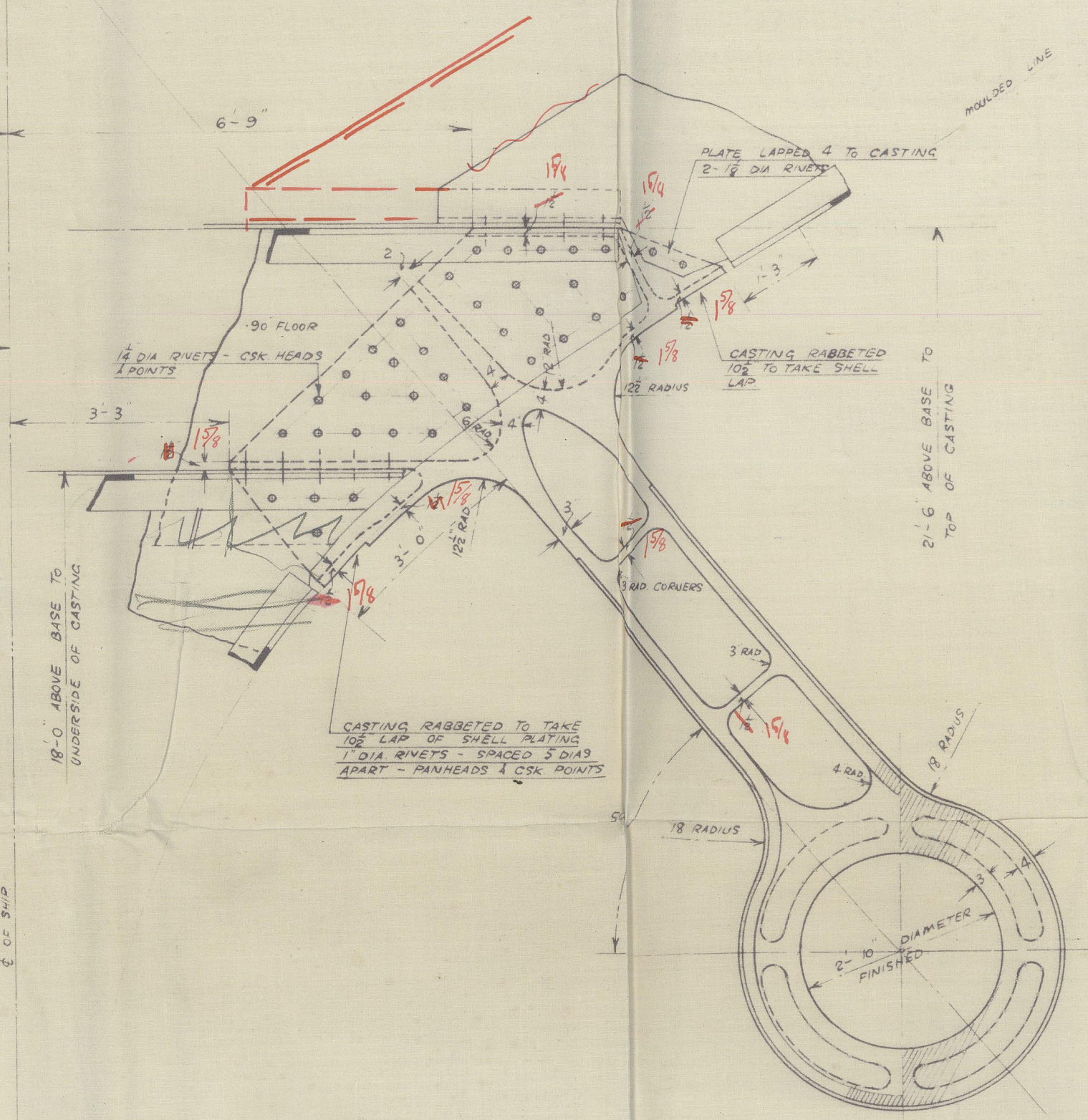
- NOTES
- APPROXIMATE WEIGHT OF EACH CASTING - 106 TONS
 - MOULDS WILL BE SUPPLIED BY SHIPBUILDERS - CONTRACTORS TO PROVIDE PATTERNS
 - ALL RIVET AND TAP HOLES TO BE DRILLED BY CONTRACTOR
 - PATTERNS WHEN READY, TO BE CHECKED BY SHIPBUILDERS REPRESENTATIVE WHO WILL VISIT CONTRACTORS WORKS FOR THE PURPOSE, AND TO MARK OFF POSITIONS OF ALL RIVET HOLES AND TAPPED HOLES
 - BARREL TO BE ROUGH BORED AND ENDS ROUGH MACHINED BY CONTRACTORS
 - LARGE FILLETS TO BE PROVIDED THROUGHOUT AND ALL SUDDEN CHANGES OF SECTION TO BE AVOIDED AS FAR AS POSSIBLE
 - RABSETS IN CASTING TO BE SQUARE DRESSED BY CONTRACTORS
 - RIVET HOLES DRILLED 1/8" LARGER IN DIAMETER THAN RIVETS WHICH THEY ARE TO TAKE
 - CASTINGS TO BE MACHINED WHERE TINTED RED
 - CASTINGS ARE TO BE CLEAN, SOUND, AND FREE FROM ALL TWIST AND BLOW HOLES, ETC.
 - ALL RIVET HOLES TO SUIT SHIPBUILDERS PATTERN RIVET



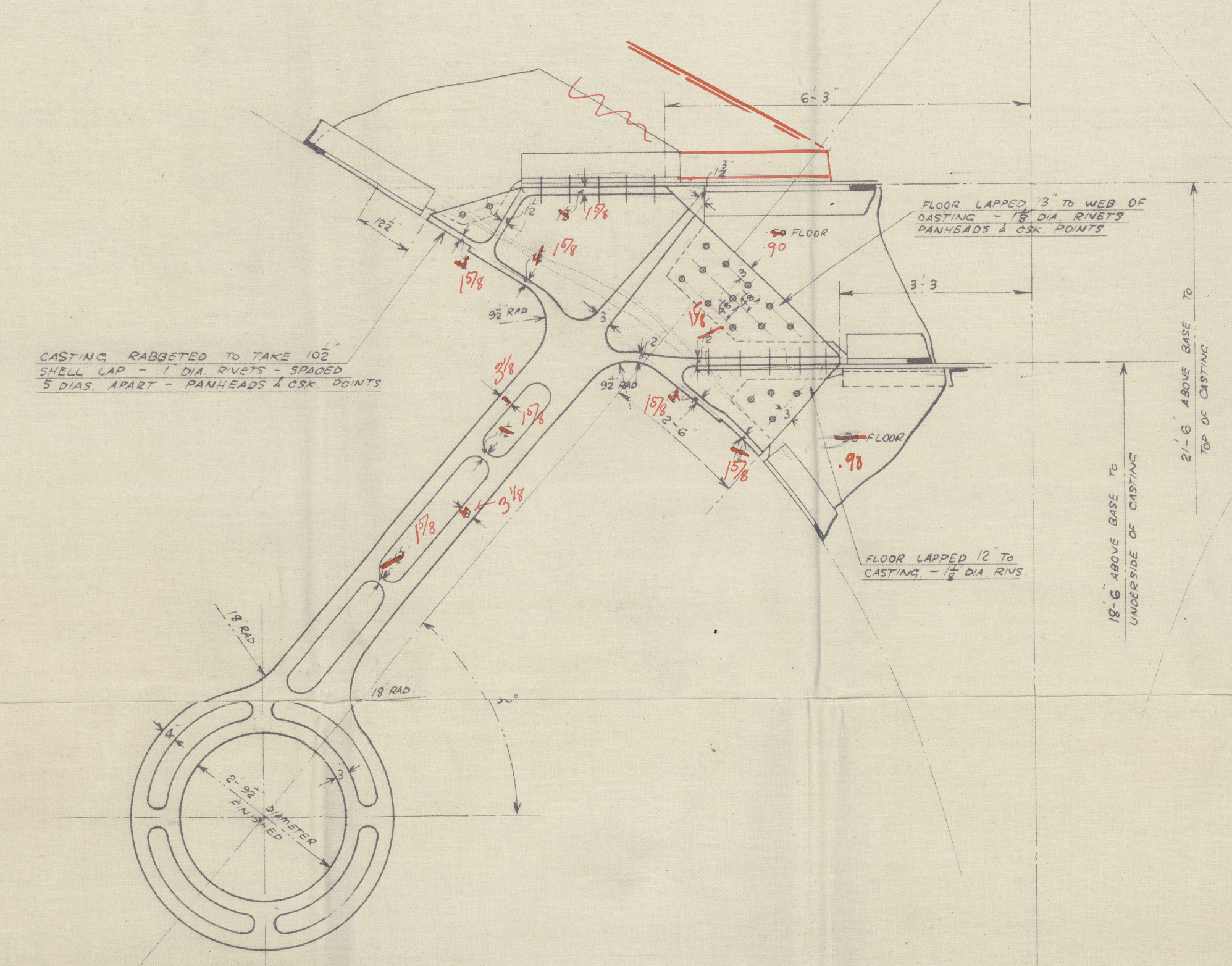
SECTION AT FRAME 2



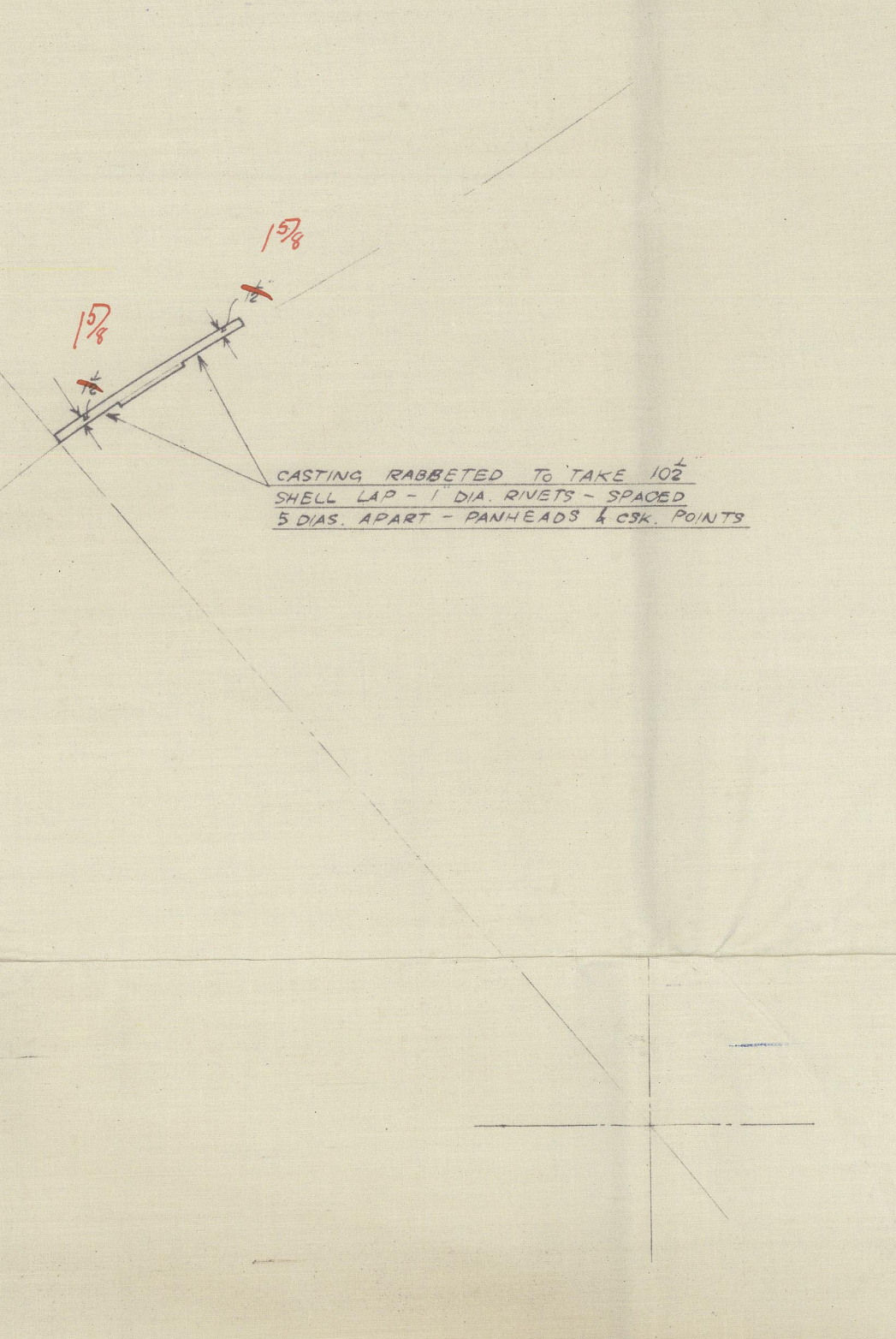
SECTION AT FRAME 10



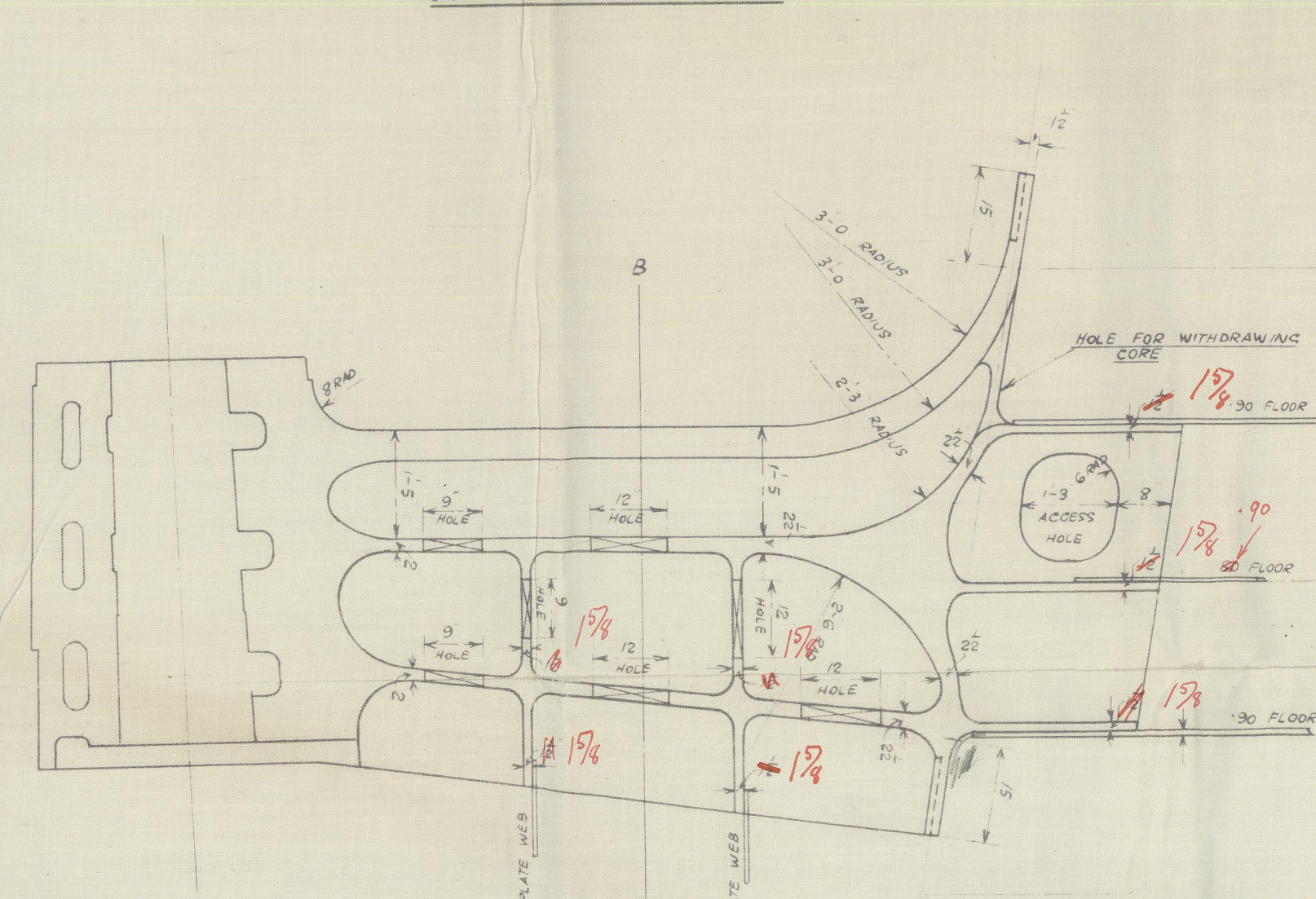
SECTION AT FRAME 9



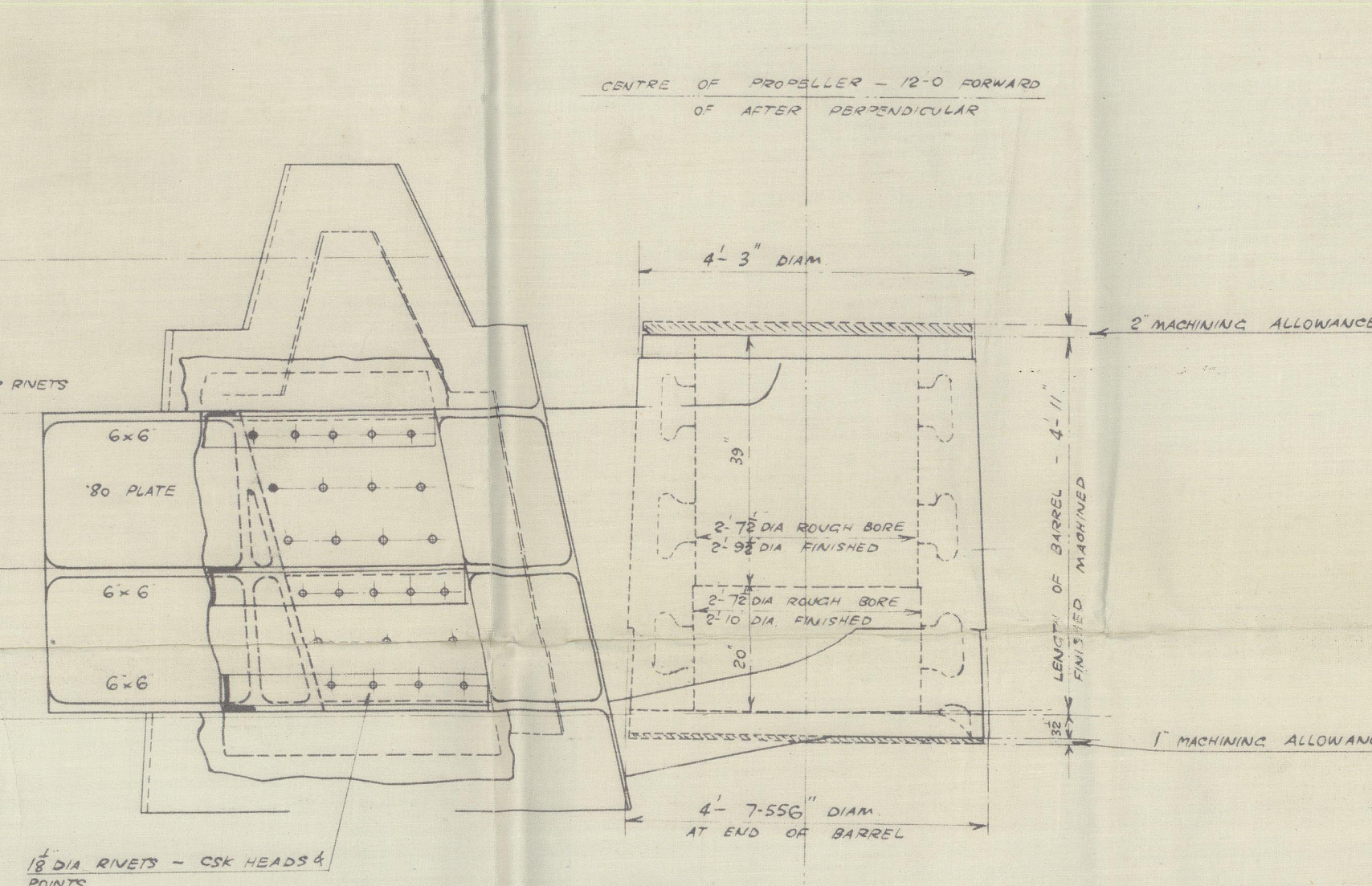
SECTION AT FRAME 7



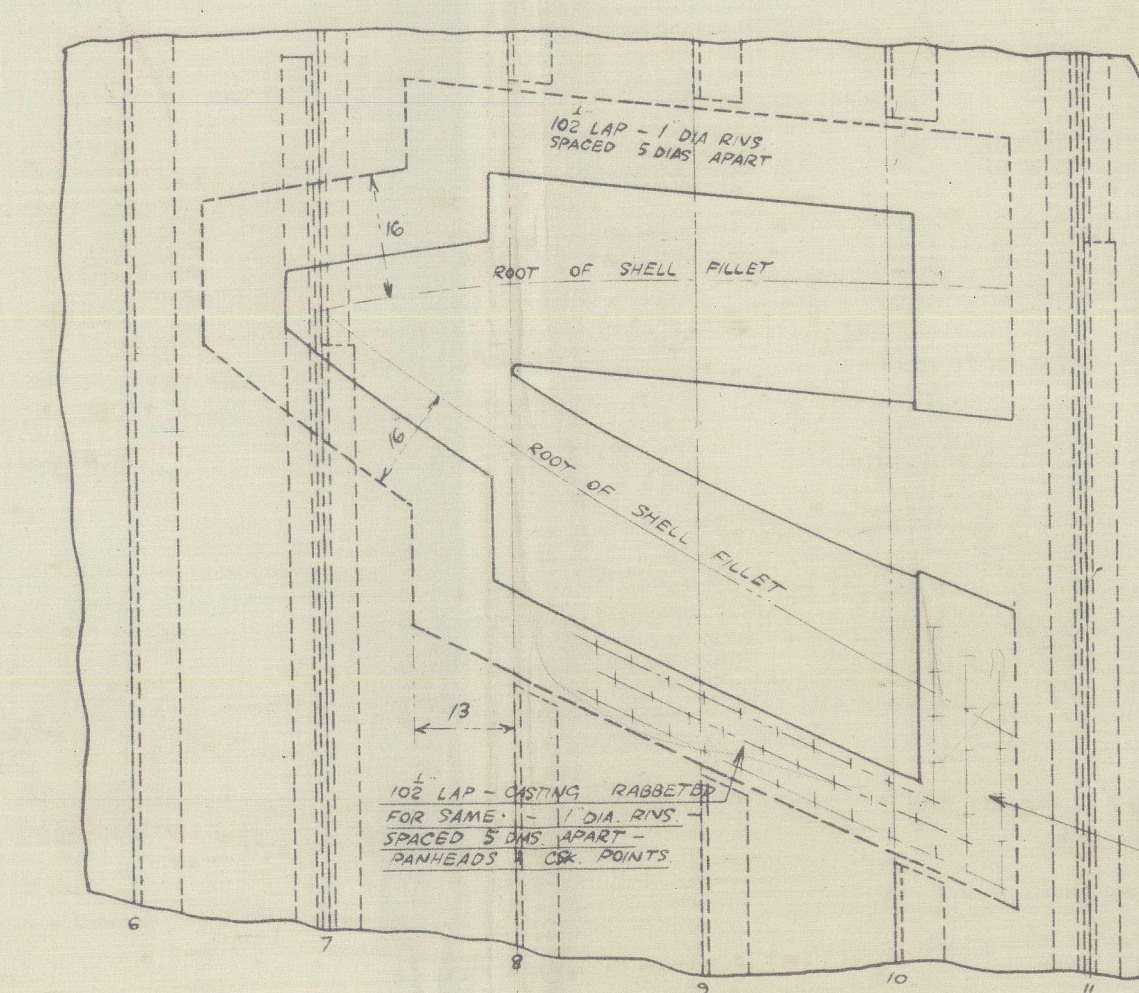
SECTION THROUGH 44



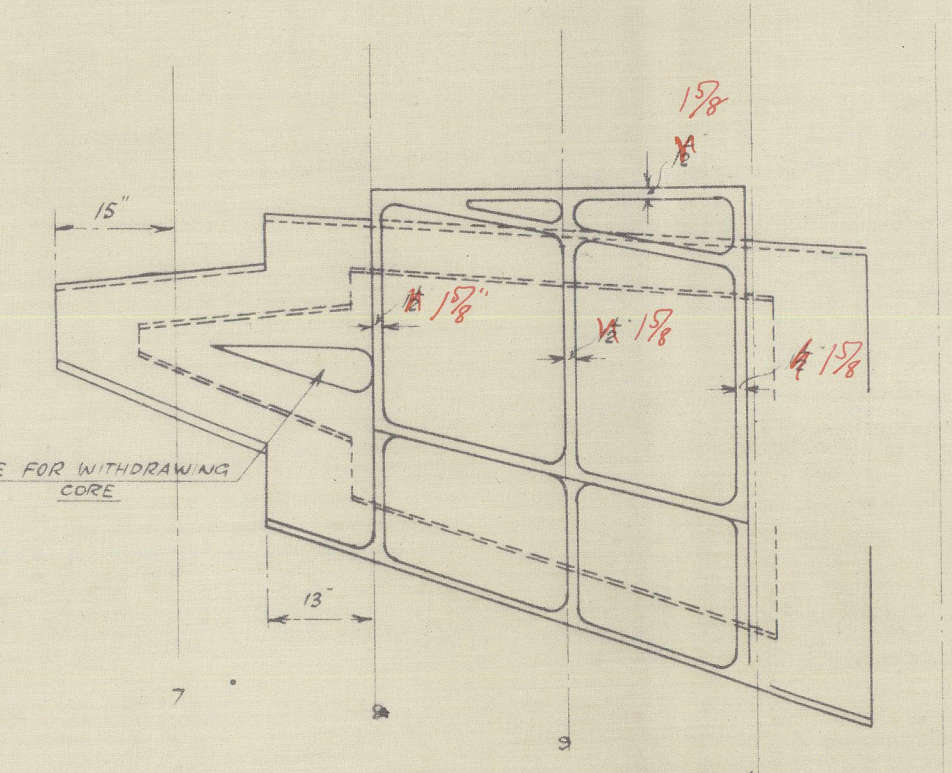
PLAN VIEW



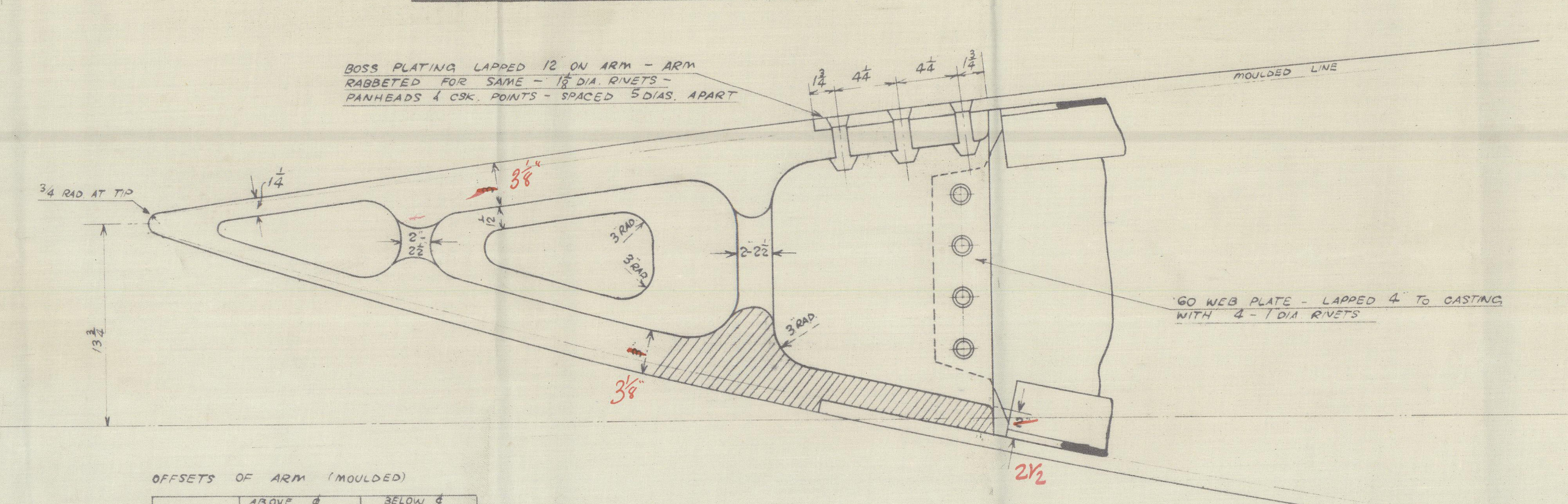
OUTSIDE ELEVATION OF PALM
DRAWN NORMAL TO SHELL



ELEVATION LOOKING FROM 2



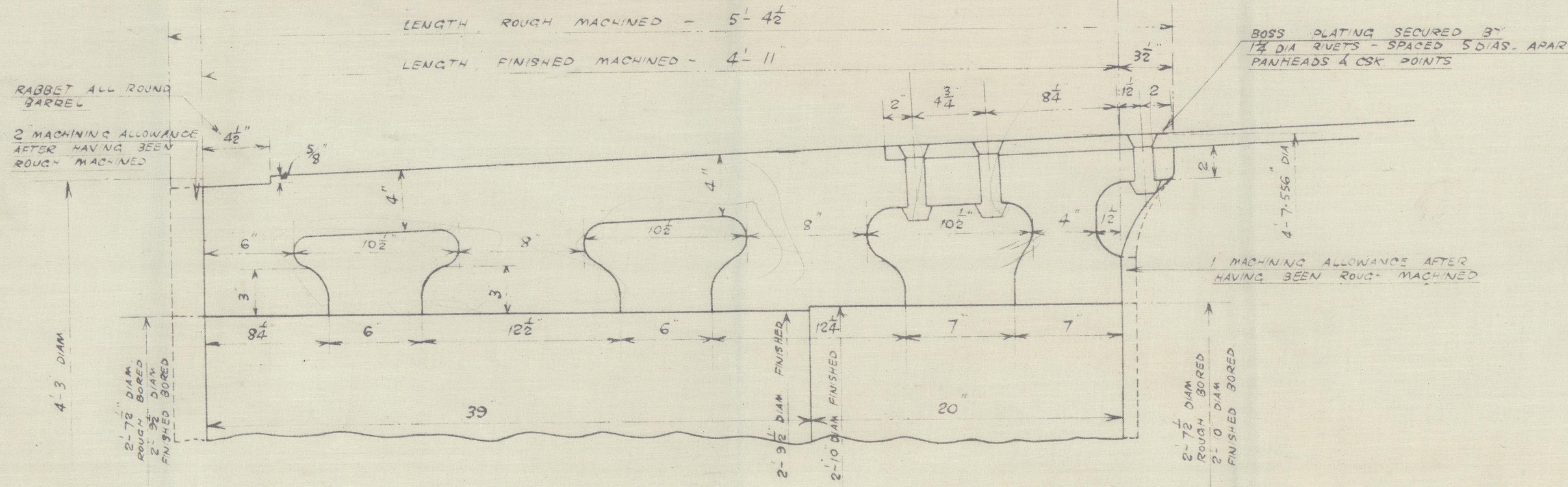
SECTION THROUGH ARM AT 88



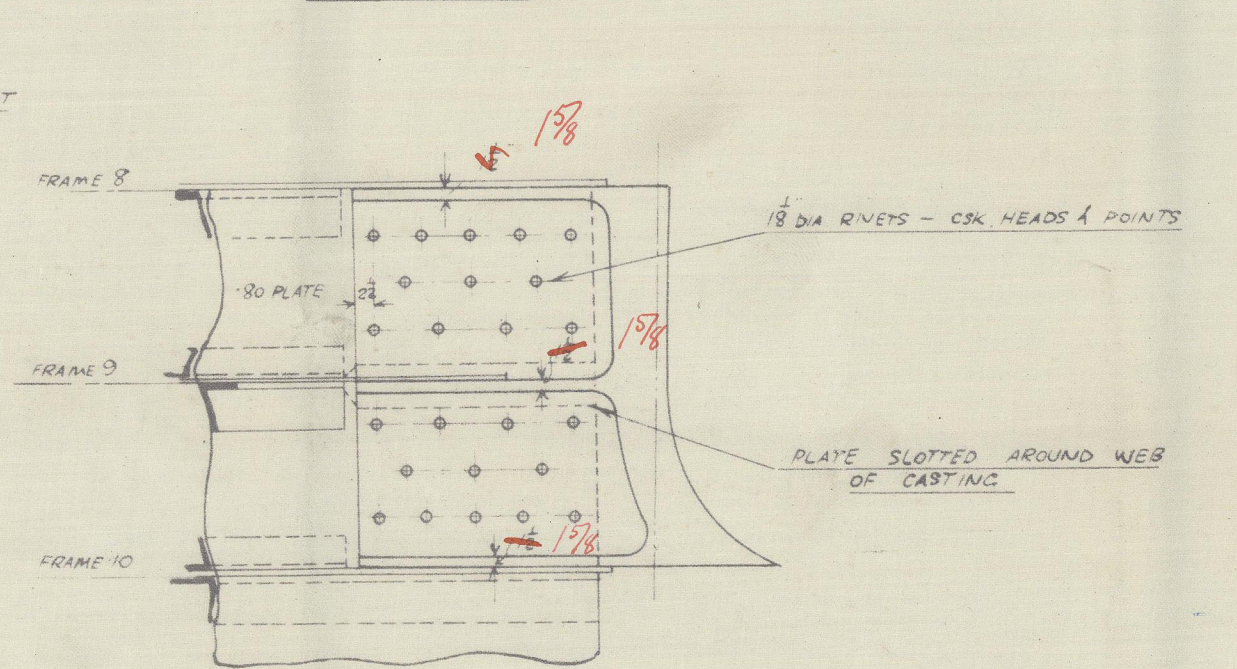
OFFSETS OF ARM (MOULDED)

STATION	4000	4500	5000
AT 70	9 1/2	4 1/2	1 1/2
10 FROM TIP	9 1/2	4 1/2	1 1/2
20	9 1/2	4 1/2	1 1/2
30	9 1/2	4 1/2	1 1/2
40	9 1/2	4 1/2	1 1/2
50	9 1/2	4 1/2	1 1/2
60	9 1/2	4 1/2	1 1/2
70	9 1/2	4 1/2	1 1/2

DETAIL OF BARREL
SCALE - 1/8" INCHES / FOOT



PLAN VIEW OF UNDERSIDE
OF CASTING



28.3.30

bickens-Armstrongs h^a No 663/664

Shelf Brackets

No 663 - T. S. S. Strathmore
Barrow Rpt No 2414

No 664 - T. S. S. Strathmore
Barrow Rpt No 2433



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Lloyd's Register
Foundation

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