

250'-0" x 38'-0" x 17'-3" M-D

SCALE $\frac{1}{2}" = \text{ONE FOOT.}$

DETAILS. 3" & 6" = ONE FOOT.

AREA OF RUDDER = ~~69.04~~ m² C.G. ABAFT C OF PINTLES = ~~2.31~~ m

BLDGER POST & HEEL PART TO BE 10% IN SECTIONAL AREA ABOVE CLASSIFICATION RULES

RUDDER STOCK & FRAME

THESE INCREASES ARE EMBODIED IN THIS PLAN

NOTE :- FORGINGS ALL TO BE OF BEST HAMMERED

SCRAP IRON

• STERN FRAME TO HAVE SOLID GUDGEONS FORGED ON, GUDGEONS & HEEL

TO BE BORED OUT & BUSHED WITH GUNMETAL LINER HAVING LIGNUM VITAE STRIPS $\frac{5}{8}$ THICK

CAST ZINC PLATES. THE FULL BREADTH OF FRAME $\frac{3}{4}$ THICK TO BE FITTED

BY ENGINE BUILDERS ALL ROUND APERTURE SECURED WITH IRON TAP PINS &

WASHERS
RUDDER STOCK TO HAVE RENEWABLE STEEL PINTLES SHEATHED WITH BRASS

THE WEIGHT OF THE RUDDER TO BE CARRIED ON WHITE METAL WASHERS

OF APPROVED MIXTURE $\frac{7}{8}$ THICK


SCREW THREADS & TAPER ON RUDDER HEAD TO BE MACHINED

BY FORGE TO PARTICULARS SUPPLIED BY SHIPBUILDER.

ALL RIVETS IN STERNPOST UP TO LIGHT WATER LINE
TO BE LEFT PROMINENT, ABOVE LIGHT LINE TO BE FLUSH

RIVETS 1" DIA ^s , HOLES 1 1/8 DIA ^s	✓
CAULKING EDGE RIVETS SPACED 4 1/2 DIA ^s	✓
INNER LINE ABOVE BOSS	" 6 DIA ^s ✓

ϕ OF SHAFTING
 RAKE OF SHAFTING = 24.99° / FT
 LENGTH OF BOSS $12\frac{5}{8}$ FINISHED
 ALLOW $3\frac{1}{2}$ EACH SIDE FOR
 FACING UP
 BORE & FACINGS WORKED OF
 ϕ OF SHAFT.

	RIVETING OF LOWER PROP ^{ER} POST. 2. ROW. 1" DIA ^R RIVETS ✓ SPACED 4 1/2 DIA ^S ✓ RIVET HOLES 1 1/2 DIA ^R ✓
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DETAIL OF PINTLES & GUDGEONS

SCALE 3" = ONE FOOT.

15/16 GUNMETAL BUSH WITH
1" 5/8 LIGNUM-VITAE STRIPS
DOYETAILED IN.
LIGNUM-VITAE TO BE KEPT
PROUD OVER GUNMETAL

LIGNUM-VITÆ STRIPS 1" x 5/8"

DETAIL OF GUDGEONS

SCALE 3" = ONE FOOT.

RUDDER STOPPER ON TOP ARM

BASE LINE

DETAIL OF BOTTOM GUDGEON

002465-002470-0169

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Rudder & Sternpost.

H. Robb. Ltd.

No. 192.

2-7-21.

S/S GOTHLAND

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