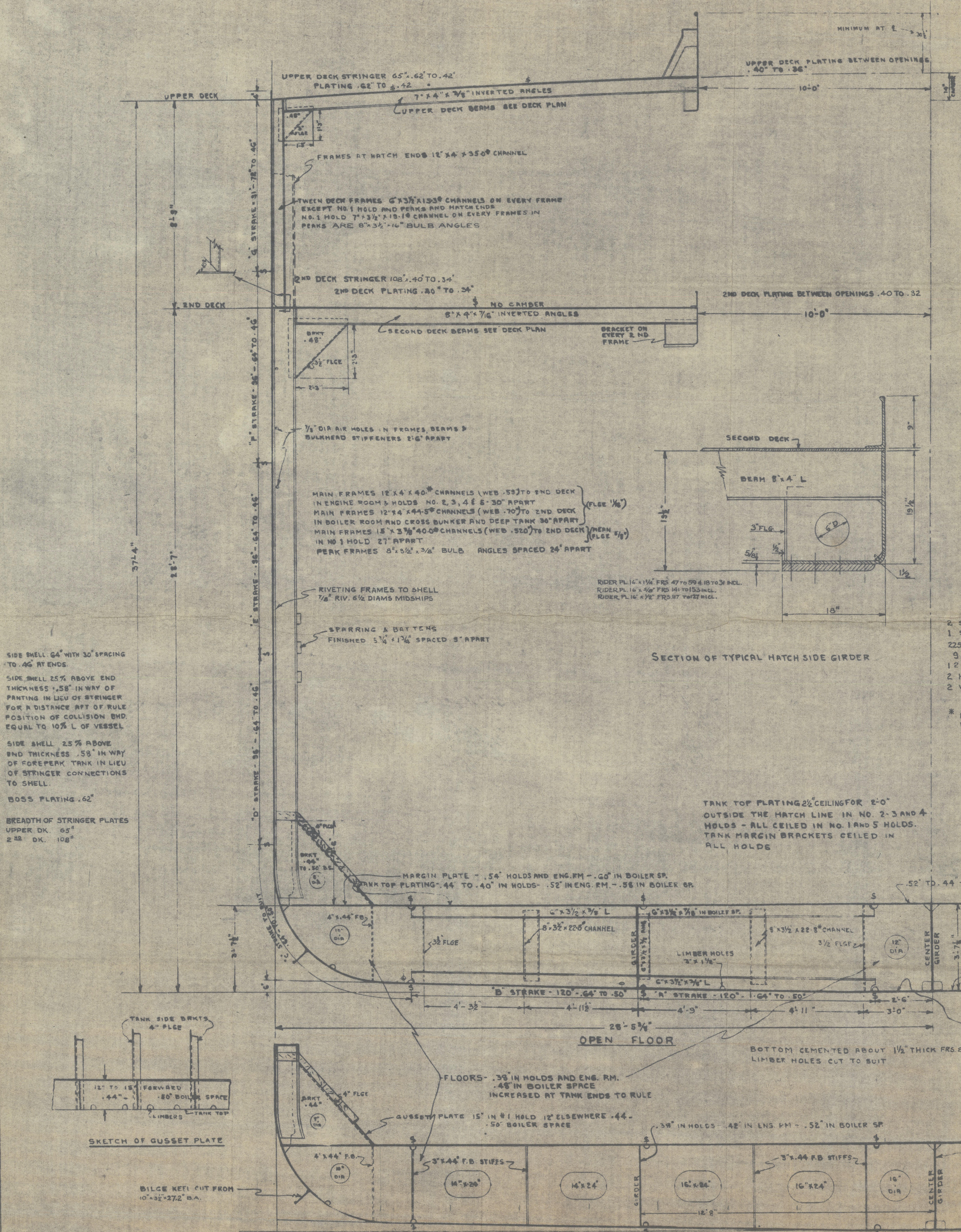


WELDING NOTES

1. WELDING IN ACCORDANCE WITH LLOYD'S RULES FOR THE APPLICATION OF ELECTRIC ARC WELDING TO SHIP CONSTRUCTION.
2. ALL CONNECTIONS ELECTRIC WELDED, WITH EXCEPTION OF SIDE FRAMES TO SHELL PLATING AND RIDER PLATES OF MATCH SIDE GIRDERS AND END BEAMS WHICH ARE RIVETED.

SIDE SHELL .64" WITH 30" SPACING TO .46" AT ENDS.
SIDE SHELL 25% ABOVE END THICKNESS .58" IN WAY OF PAINTING IN LIEU OF STRINGER FOR A DISTANCE AFT OF RULE POSITION OF COLLISION BND. EQUAL TO 10% L OF VESSEL.
SIDE SHELL 25% ABOVE END THICKNESS .58" IN WAY OF FOREPEAK TANK IN LIEU OF STRINGER CONNECTIONS TO SHELL.
BOSS PLATING .62"
BREADTH OF STRINGER PLATES
UPPER DK. .65"
2ND DK. 108"



SECTION OF TYPICAL HATCH SIDE GIRDER

TANK TOP PLATING 2 1/2" CEILING FOR 2'-0" OUTSIDE THE HATCH LINE IN NO. 2, 3 AND 4 HOLDS - ALL CEILED IN NO. 1 AND 5 HOLDS. TANK MARGIN BRACKETS CEILED IN ALL HOLDS.

STERN FRAME AS PER DETAIL PLAN
STEM BAR 10"x2 1/2" TO L.W.L.
PLATE STEM ABOVE L.W.L.
RUDDER AS PER DETAIL PLAN
FOR STEEL C.L. BULKHEADS SEE STRUCTURAL INBOARD PROFILE

* EQUIPMENT AT

- 2 STOCKLESS BOWER ANCHORS
- 1 STOCKLESS STREAM ANCHOR
- 225 FATHOMS STUD CHAIN CABLE
- 90 FATHOMS
- 120 FATHOMS TOWLINE
- 2 HAWSERS EACH 90 FATHOMS
- 2 WARPS EACH 90 FATHOMS

* EQUIPMENT SUPPLIED IS IN ACCORDANCE WITH WAR REDUCTION OF EQUIPMENT REQUIREMENTS.

PRINCIPAL DIMENSIONS.

LENGTH B.P.	416 FT 0 IN
BREADTH MOULDED	56' 10 1/2"
DEPTH MOULDED TO UPPER DECK	37' 4"
DEPTH MOULDED TO 2ND DECK	28' 7"
DEPTH TO LENGTH	11.14

CLASS

LLOYD'S REGISTER OF SHIPPING # 100 A1
WITH FREEBOARD
SCANTLINGS SUITABLE FOR A MOULDED DRAUGHT OF 26' 10".

S.S. OCEAN VOLUNTEER

HULL NO. 16

TODD-CALIFORNIA SHIPBUILDING CORPORATION

DESIGN AND ENGINEERING BY
GIBBS & COX, INC.
NEW YORK

MIDSHIP SECTION

SCALE 1/2" = 1'-0"
DRAWN BY D.M.B. & L.H.C.
TRACED BY J.L.H.C.
CHECKED BY J.L.H.C.
DATE NOVEMBER 25, 1940
APPROVED [Signature]
APPROVED [Signature]
APPROVED [Signature]
DR # 11261-511-11-2
VAULT # 5192

BOTTOM SHELL .64" WITH 30" SPACING TO .50" AT ENDS
TWO STRAKES OF SHELL (EXTRA WIDE) NEXT TO KEEL TO BE 10% ABOVE RULE THICKNESS .67" FROM 1/2 L FORWARD TO COLLISION BULKHEAD

SOLID FLOORS ON EVERY FRAME IN ENGINE ROOM - UNDER BOILER STOODS
UNDER BULKHEADS AND FORWARD OF 1/2 L - PARTIAL SOLID FLOORS TO LONGITUDINAL IN WAY OF THRUST. SOLID FLOORS ON EVERY 4TH FRAME ELSEWHERE (= 10'-0" MAXIMUM SPACING)