

PRINCIPAL DIMENSIONS:

LENGTH B.P.	416'-0"
BREADTH EXTRA.	57'-1"
BREADTH MLD	56'-10 1/2"
DEPTH MLD. UPPER DECK	37'-4"
DEPTH MLD. SECOND DK.	28'-7"
DEPTHS TO LENGTH-UPPER DECK	11.14

DETAIL AT A.A.

DETAIL OF TANK GUSSETS

ARRANGEMENT OF BILGE BRACKETS
IN NO 1 HOLD

EQUIPMENT:

2	BOWER ANCHORS	68	CWTS
1	STUD CABLE CHAIN	223	FATHOMS 2 1/2
1	STREAM ANCHOR (STOCKLESS)	13 1/2	CWTS.
1	STREAM WIRE	90	FATHOMS 5" - 6 1/2 FSW
1	TOWLINE	120	" 4 3/16 x 1/2 SPECIAL F.S.W.
2	HAWLS	90	" 2 3/4 x 1/2 FSW
2	WARPS	90	" 2 1/2 x 1/2

DETAIL OF DRAIN HOLES

EQUIPMENT NUMERAL:

(B.T.D.)			39,89
MIDSHIP CARGOHOUSE	30.25 x 7.5 x 5.0		113
CASINGS	20.5 x 7.5 x 5.0		77
	5.0 x 7.5 x 5.0		34
AFTER DECKHOUSE	28 x 7.5 x 5.0		102
			39,798

CLASS:

100 A.I. LLOYDS, WITH FREEBOARD CORRESPONDING TO A DRAFT 18" MORE THAN THAT OF A COMPLETE SUPERSTRUCTURE VESSEL.

WELDED CONSTRUCTION:

GENERAL:

THE CONSTRUCTION CALLS FOR RIVETED LONGITUDINAL SEAMS AND WELDED BUTTS THROUGHOUT.

SHELL PLATING:

BOTTOM SHELL: BUTTS ALL WELDED FROM INSIDE
SIDE SHELL: INSIDE STRAKES WELDED FROM INSIDE
OUTSIDE STRAKES WELDED FROM OUTSIDE

TANK TOP, 2ND DECK AND UPPER DECK:

ALL BUTTS WELDED FROM UPPER SIDE

WATER TIGHT BULKHEADS,

CENTRE LINE BULKHEADS, AND

TWEEN DECK BULKHEADS:

COMPLETELY RIVETED THROUGHOUT BUT WELDED CONNECTION AT BOTTOM TO TANK TOP (OR TO 2ND DECK IN CASE OF TWEEN DECK BULKHEADS)

CENTRE LINE BULKHEAD:

5/16" PLATING
STIFFENERS TWO FRAME SPACES APART
DOUBLE STIFFENERS AT HATCH ENDS WITH BRACKETS AT TOP AND BOTTOM
CONNECTION TO SECOND DECK 3" x 3" x 3/8"
WELDED CONNECTION TO TANK TOP

BOTTOM SHELL:

30" FRAME SPACING
3/8" MIDSHIPS TO 1/2" AT ENDS
5 STRAKES OF SHELL NEXT TO KEEL 10% ABOVE MIDSHIPS THICKNESS (IE 1/16") FROM 1/2 L FORWARD TO COLLISION BULKHEAD.
RIVETS IN BOTTOM FRAMES TO SHELL ON FLOORS SPACE 7 DIAS.

TANK TOP:

CENTRE STRAKE 8 1/2" x 1/2" TO 1/16"
ENGINE 1/2"
BOILER 3/16"
TANK TOP PLATING 1/16"
ENGINE SPACING 1/2"
BOILER SPACING 3/16"

FLOORS:

ON EVERY FRAME
3/8" IN WAY OF HOLES WITH STIFFENERS
1/2" IN BOILER SPACE AS SHOWN
WATERTIGHT FLOORS 1/2"
FRAMES IN TANK 3 1/2" x 3 1/2" x 1/16"
REVERSE FRAMES IN TANK 3" x 3" x 1/16"
IN BOILER SPACE 4" x 4" x 1/16"
IN ENGINE SPACE 6" x 6" x 1/2"
UNDER BOILER BEARERS 6" x 6" x 3/8"
UNDER THRUST BLOCK 3 1/2" x 3 1/2" DOUBLE
BOTTOM FRAMES FROM 1/2 L FORWARD TO COLLISION BULKHEAD 6" x 6" x 1/16" WITH RIVETS TO SHELL 5 1/2" DIAS. APART. RIVETS 6 DIAS. APART ON VERTICAL PL.

CENTRE GIRDERS:

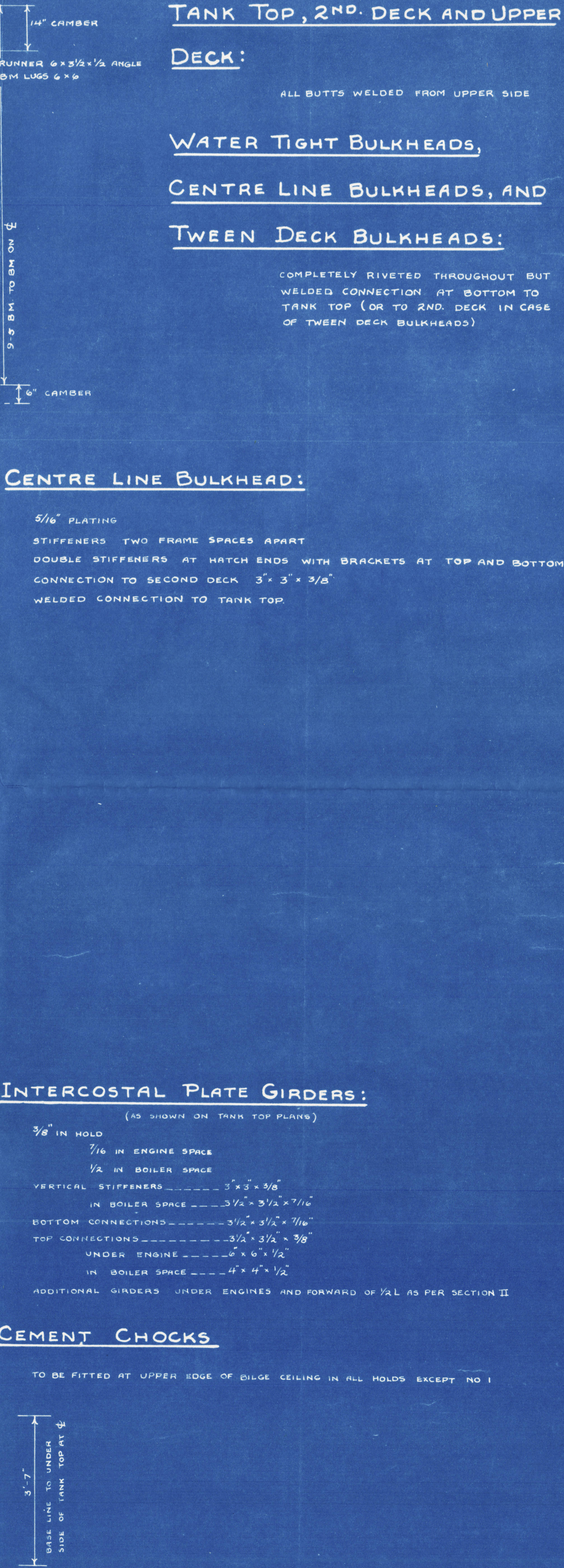
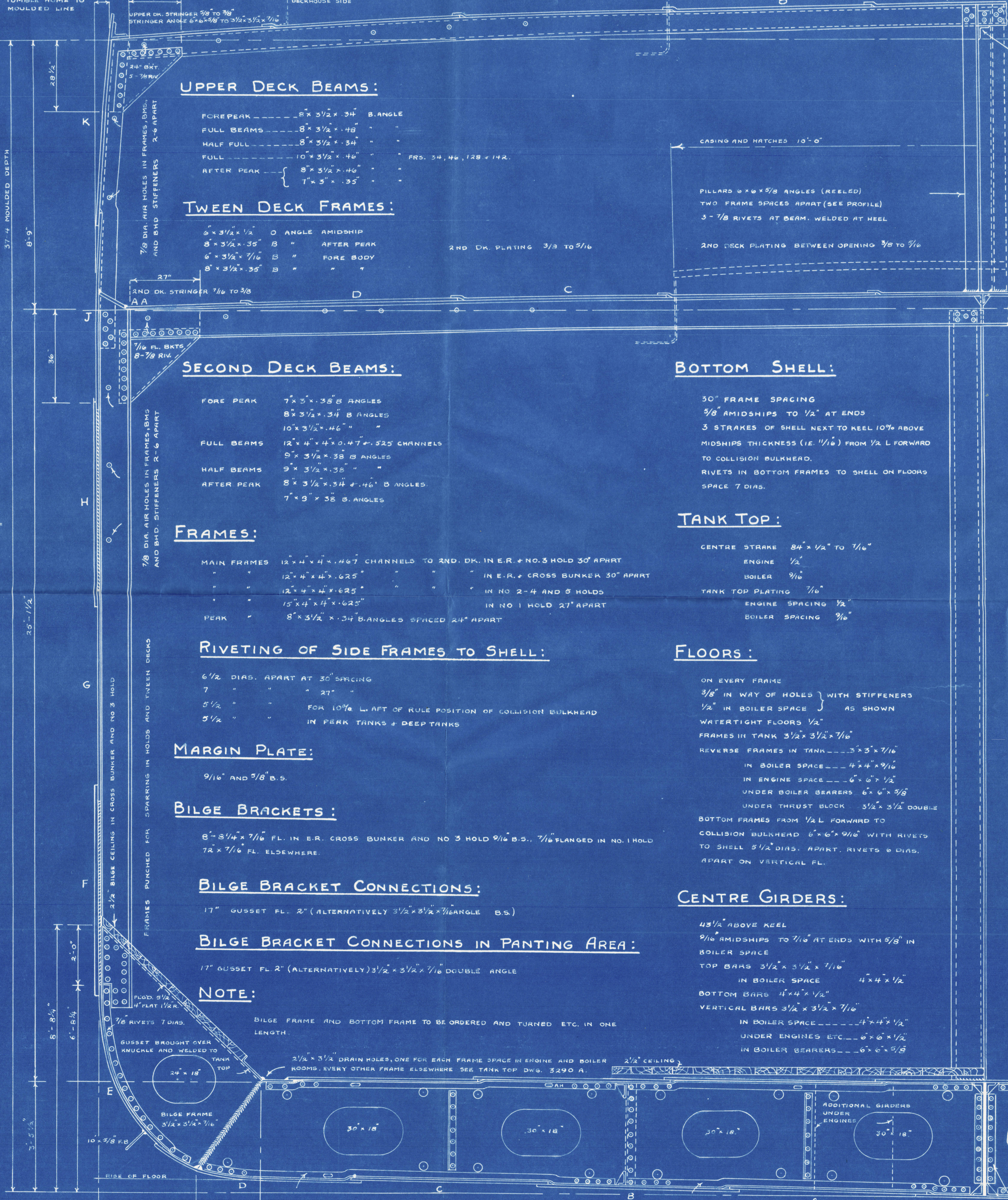
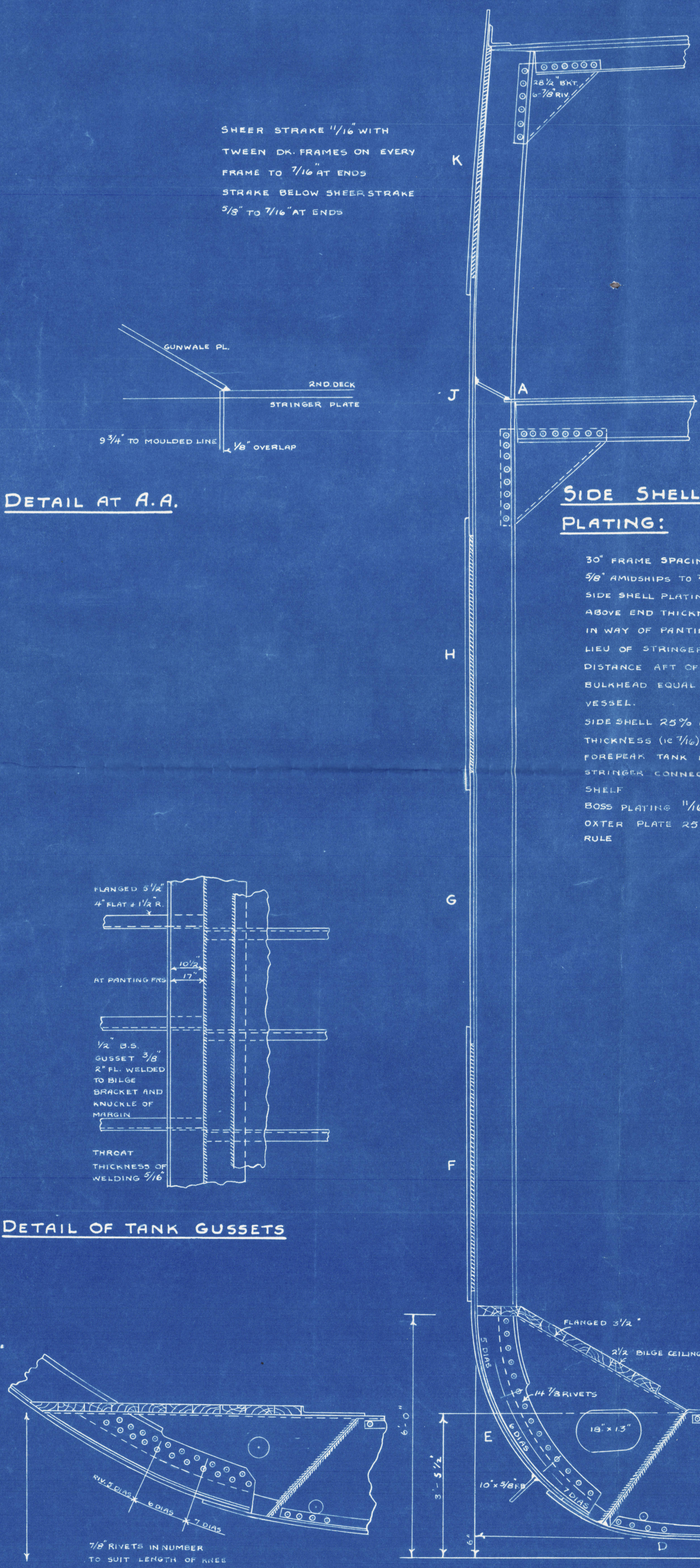
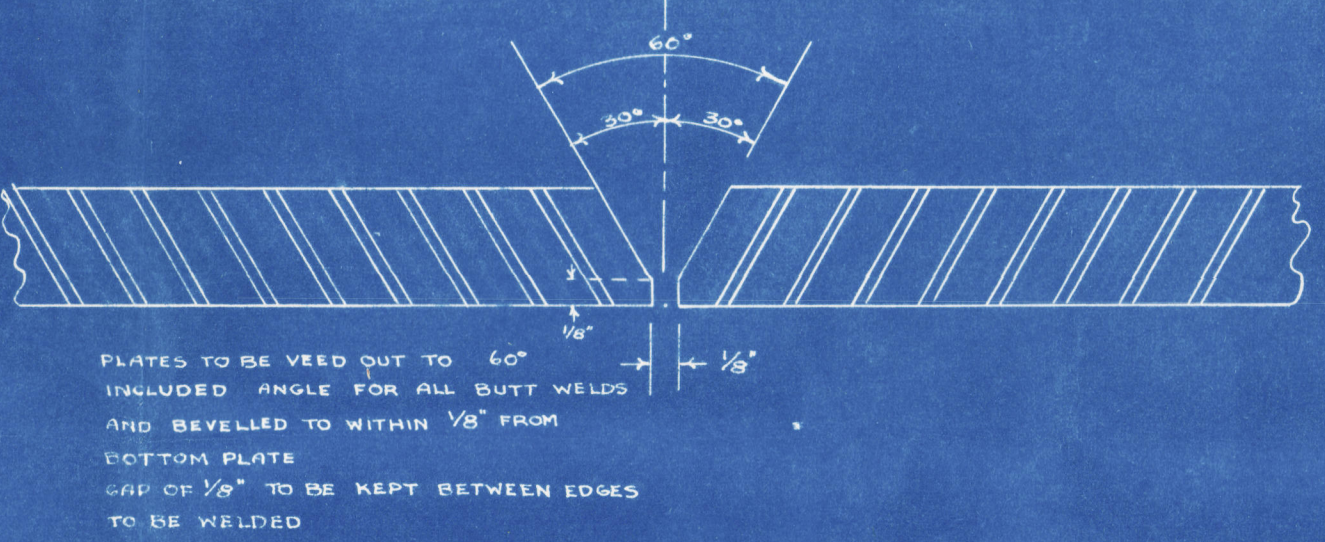
48 1/2" ABOVE KEEL
1/16" MIDSHIPS TO 1/16" AT ENDS WITH 5/8" IN BOILER SPACE
TOP BARS 3 1/2" x 3 1/2" x 1/16"
IN BOILER SPACE 4" x 4" x 1/2"
BOTTOM BARS 4" x 4" x 1/2"
VERTICAL BARS 3 1/2" x 3 1/2" x 1/16"
IN BOILER SPACE 4" x 4" x 1/2"
UNDER ENGINES ETC. 6" x 6" x 1/2"
IN BOILER BEARERS 6" x 6" x 3/8"

INTERCOSTAL PLATE GIRDERS:

(AS SHOWN ON TANK TOP PLANS)
3/8" IN HOLD
1/16" IN ENGINE SPACE
1/2" IN BOILER SPACE
VERTICAL STIFFENERS 3" x 3" x 3/8"
IN BOILER SPACE 3 1/2" x 3 1/2" x 1/16"
BOTTOM CONNECTIONS 3 1/2" x 3 1/2" x 1/16"
TOP CONNECTIONS 3 1/2" x 3 1/2" x 3/8"
UNDER ENGINES 4" x 6" x 1/2"
IN BOILER SPACE 4" x 4" x 1/2"
ADDITIONAL GIRDERS UNDER ENGINES AND FORWARD OF 1/2 L AS PER SECTION II

CEMENT CHOCKS

TO BE FITTED AT UPPER EDGE OF BILGE CEILING IN ALL HOLDS EXCEPT NO 1



MIDSHIP SECTION
NORTH SANDS CARGO STEAMER

HULL NO. 111 S.S. FORT LA TRAITE

WEST COAST SHIPBUILDERS LTD.

FALSE CREEK

DEC. 1942

VANCOUVER, B.C.



N/M 'ITALSOUE'

FORT LA TRAITTE

Midship Section

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Foundation

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