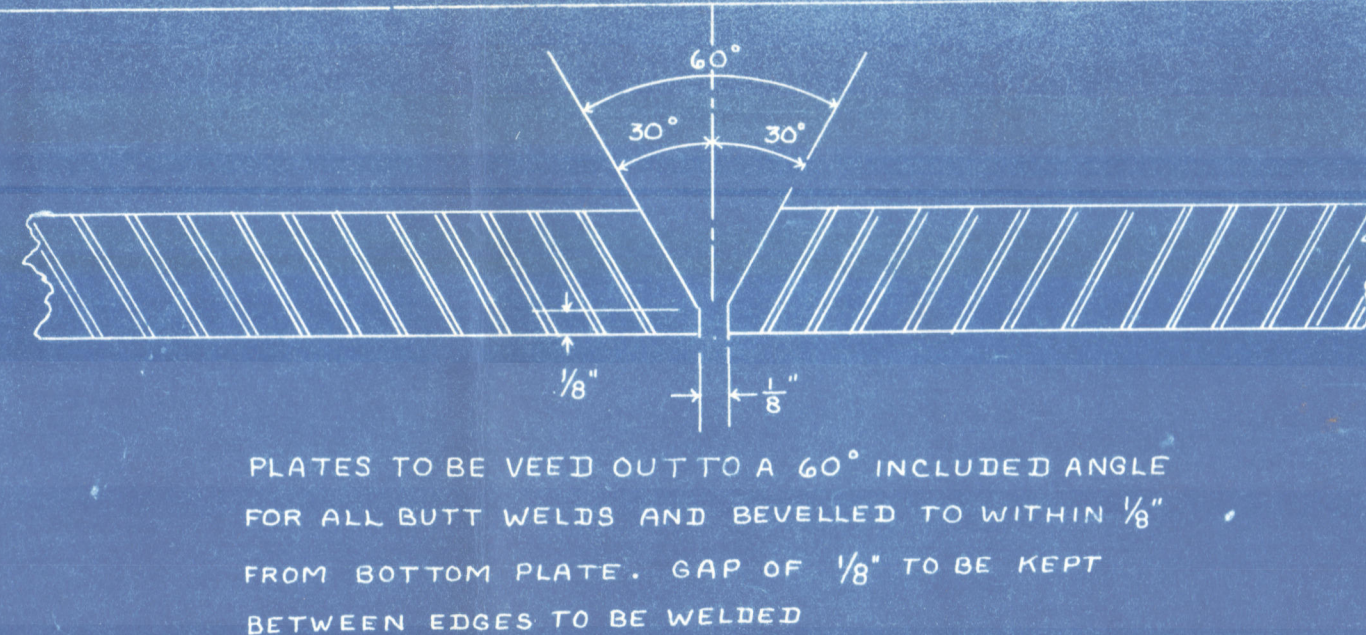


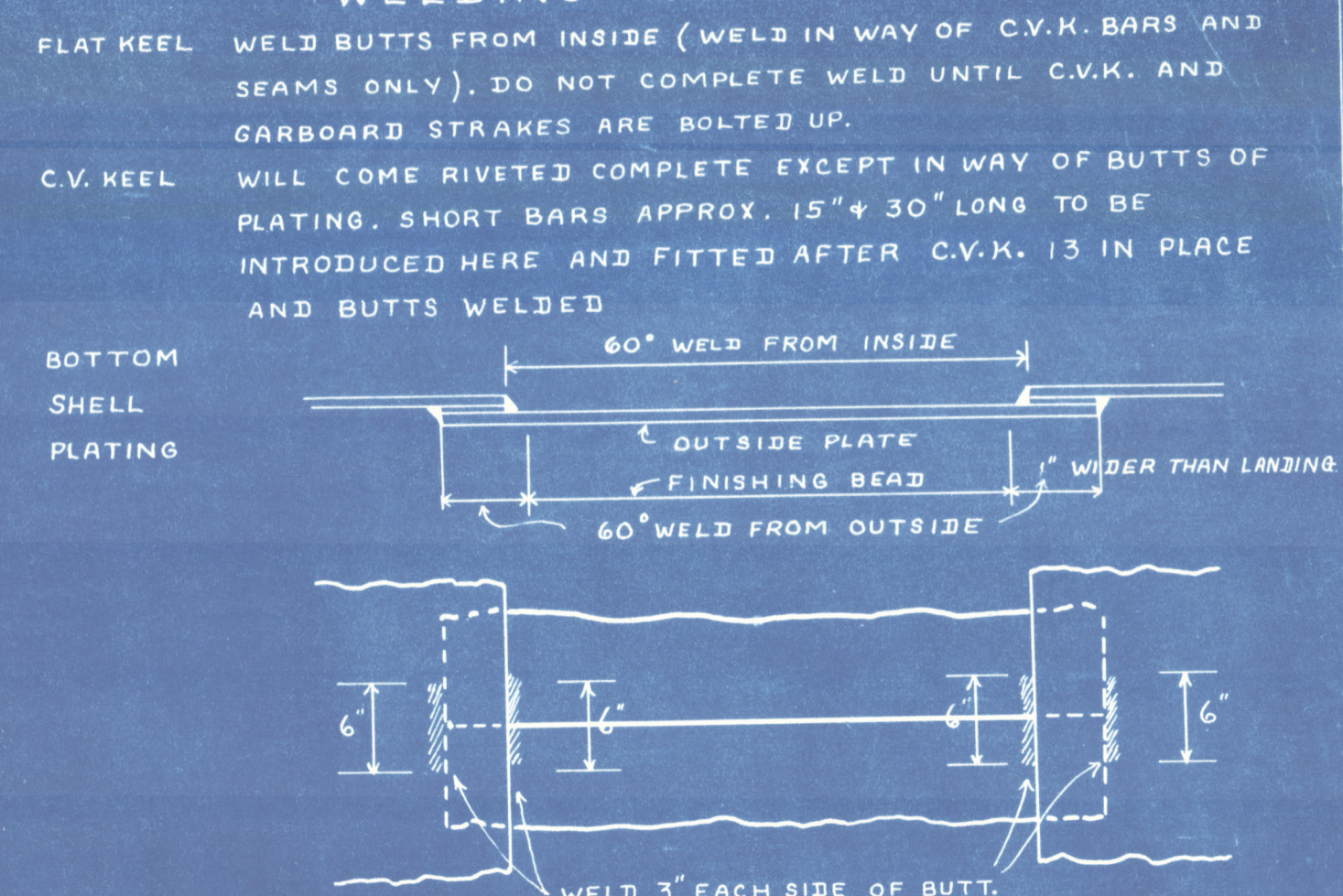
PRINCIPAL DIMENSIONS		
LENGTH B.P.	416'-0"	
BREADTH EXTR.	57'-1"	
BREADTH MLD.	56'-10 1/2"	
DEPTH MLD. UPPER DK.	37'-4"	
DEPTH MLD. SECOND DK.	28'-7"	
DEPTHS TO LENGTH-UPPER DK.	11.14	

NOTE: DO NOT USE LARGER ROD THAN 3/8" DIAMETER. NO RIVETING TO BE DONE UNTIL WELDING IS COMPLETED. BUTT WELDS IN ALL CASES TO HAVE A FINISHING BEAD. FIRST TWO BEADS IN BUTT WELDS TO BE WELL PEENED.



PLATES TO BE VEE'D OUT TO A 60° INCLUDED ANGLE FOR ALL BUTT WELDS AND BEVELLED TO WITHIN 1/8" FROM BOTTOM PLATE. GAP OF 1/8" TO BE KEPT BETWEEN EDGES TO BE WELDED

## WELDING NOTES



ALL BUTTS OF BOTTOM SHELL TO BE VEE'D OUT AND WELDED FROM THE INSIDE. THIS IS DONE TO OBTAIN DOWN HAND WELDING TO THE FULLEST EXTENT. BUTTS OF INSIDE STRAKES WILL BE VEE'D OUT FULL WIDTH. THE BUTTS OF OUTSIDE STRAKES TO BE VEE'D INSIDE AND WELDED BETWEEN THE LANDING EDGES OF INSIDE STRAKES ONLY. THIS WELD WILL BE COMPLETED BY VEE'ING OUTSIDE ON THE SHIP AND WELDING BOTH SEAMS. THESE TO BE VEE'D OUT 1" WIDER THAN LANDINGS.

INSIDE STRAKES TO BE VEE'D OUT AND WELDED FROM THE INSIDE. OUTSIDE STRAKES TO BE VEE'D OUT AND WELDED FROM THE OUTSIDE.

THIS IS A CLINKER STRAKE. THE BUTTS TO BE VEE'D AND WELDED FROM OUTSIDE, AND LOWER EDGE WHICH IS INSIDE TO BE FINISHED IN THE SAME MANNER AS OUTSIDE PLATES, THAT IS, VEE'D 1" WIDER THAN LANDING AND WELDED FROM INSIDE. NOTE: ALL SHELL LANDINGS TOP AND BOTTOM FOR 3" EACH SIDE OF SHELL BUTTS TO BE WELDED.

ALL TANK TOP PLATING SEAMS AND FLOOR ANGLES TO BE RIVETED. ALL BUTTS TO BE WELDED FROM TOP SIDE. TANK TOP SEAMS TO BE WELDED FOR 3" EACH SIDE OF BUTT. SHAFT TUNNEL PLATING TO BE FILLET WELDED TO TANK TOP SIMILAR TO BHDs. NO FOUNDATION BARS TO BE FITTED. PLATING TO HAVE SAME PROCEDURE AS TANK TOP

TOP AND BOTTOM ANGLES TO BE LINERED. ENDS OF BOTH BARS NEXT CENTRE KEEL TO BE CUT 1/2" SHORT OF TOE OF CENTRE KEEL TOP AND BOTTOM FORE AND AFT ANGLES. OUTER ENDS TO BE CUT 1/2" SHORT OF MARGIN PLATE. THESE BARS TO BE ELECTRIC WELDED TO FLOOR PLATE WITH HEELS PROTECTING 1/2" OVER EDGE OF FLOOR PLATE FOR THAT PURPOSE. NO COLLARS TO BE FITTED ON EITHER ENDS OF FLOOR PLATE. THE ENDS OF FLOOR PLATES ARE TO BE FITTED NEATLY TO BUTT AGAINST CENTRE KEEL AND TANK MARGIN FOR FILLET WELDING. PLUG WELDS ABOUT 18" APART TO BE MADE THROUGH FLOOR PLATE FLANGE OF TOP AND BOTTOM BARS. TOP AND BOTTOM FLOOR ANGLES TO BE RIVETED TO TANK TOP AND SHELL RESPECTIVELY.

FLANGED ON TOP AND LAP RIVETED TO TANK TOP PLATING. BOTTOM EDGE TO BE BUTTED ON SHELL PLATE AND FILLET WELDED INSIDE AND OUTSIDE. THE ORDINARY FLOORS AS WELL AS W.T. FLOORS WILL BE WELDED TO THIS PLATE INSIDE AND BILGE BRACKETS WELDED ON OUTSIDE. NO ANGLE CONNECTIONS WILL BE FITTED ON EITHER SIDE OF TANK MARGIN PLATE. ALL BUTTS OF TANK MARGIN PLATES WELDED FROM OUTSIDE, WITH FINISHING BEAD INSIDE TO BE ALL RIVETED EXCEPT IN WAY OF TANK TOP AND TANK MARGIN BHD. PLATING AND STIFFENER BRACKETS BUTTED HARD ON TANK TOP AND TANK MARGIN AND FILLET WELDED. BULKHEAD SHELL BARS TO BE CARRIED DOWN BILGE AND STOPPED 1/2" SHORT OF MARGIN PLATE.

RIVETED TO FRAME AND BILGE ANGLE AND WELDED TO TANK MARGIN. GUSSET PLATE WELDED TO FLANGE OF BILGE BRACKET AND WELDED TO TANK TOP.

TO BE WELDED TO TANK TOP

KEEL 52"x78" FOR 1/2 L TO .48" AT ENDS 7/8" RIVETS IN SEAMS AND FRAMES.

## EQUIPMENT

- 2 - BOWER ANCHORS - 48 CWTs.
- 1 - STUD CABLE CHAIN - 225 FATHOMS 2 1/2"
- 1 - STREAM ANCHOR (STOCKLESS) - 23 3/4 CWTs.
- 1 - STREAM WIRE 90 FATHOMS 5" - 6 1/2 F.S.W.
- 1 - TOWLINE 120 " 4 3/4" - 6 x 24 SPECIAL F.S.W.
- 2 - HAWSERS 90 " 2 3/4" - 6 x 12 F.S.W.
- 2 - WARPS 90 " 2 1/2" - 6 x 12 " F.S.W.

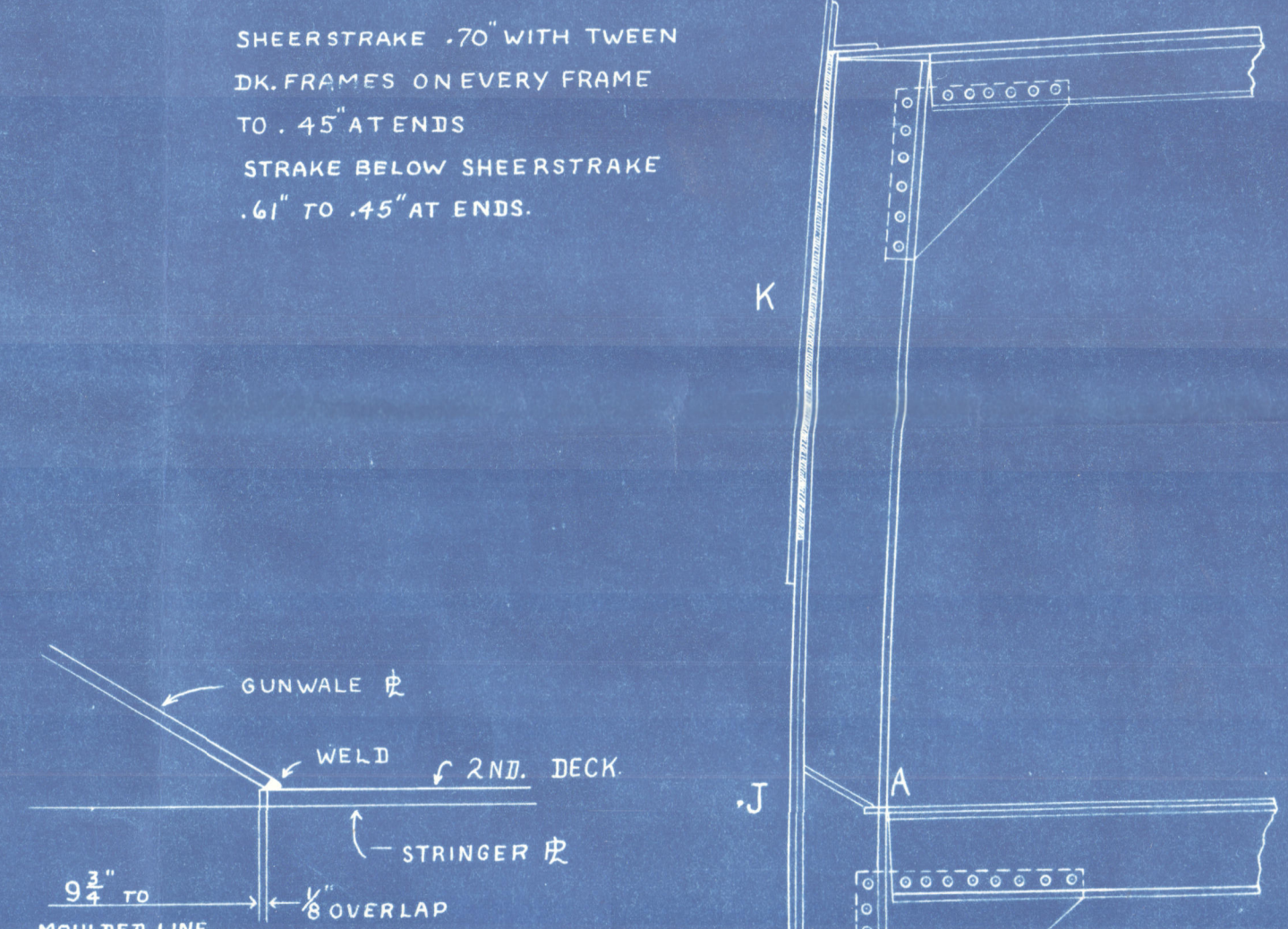
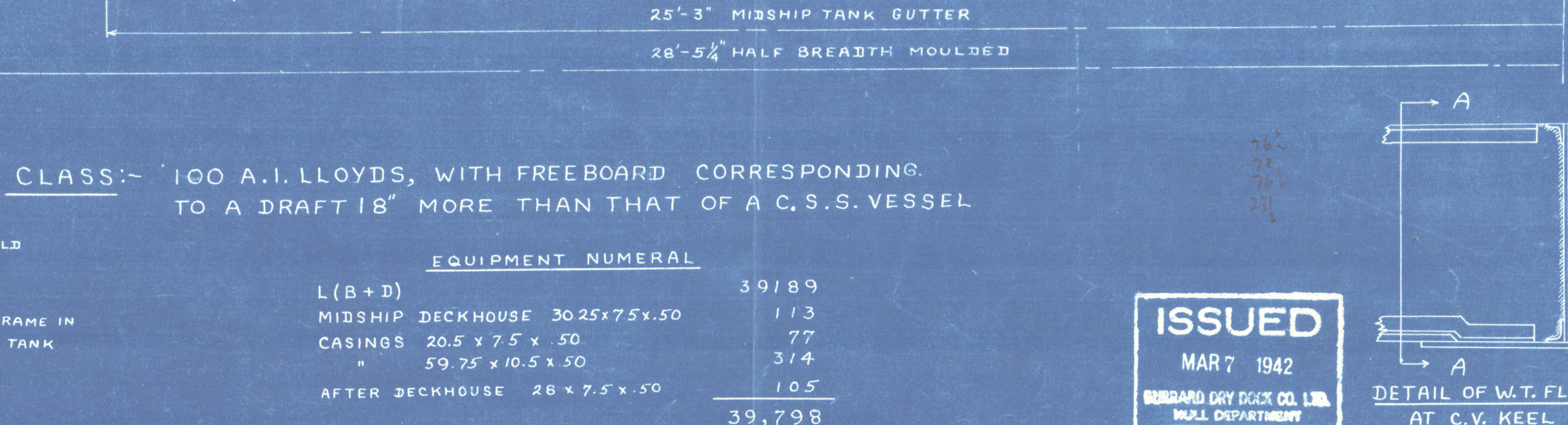
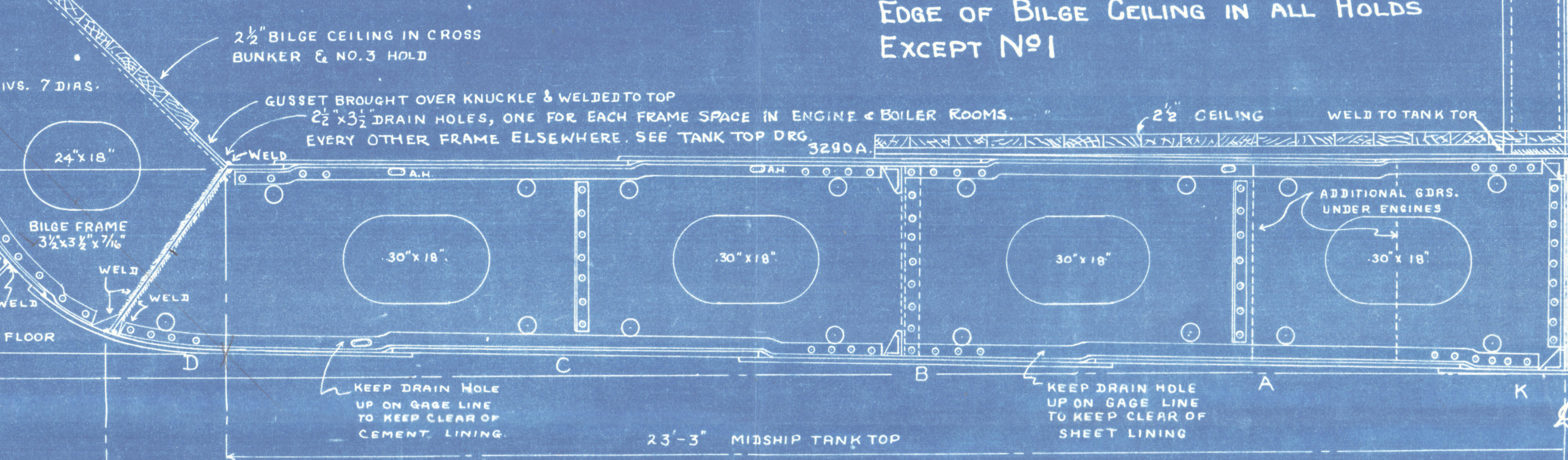
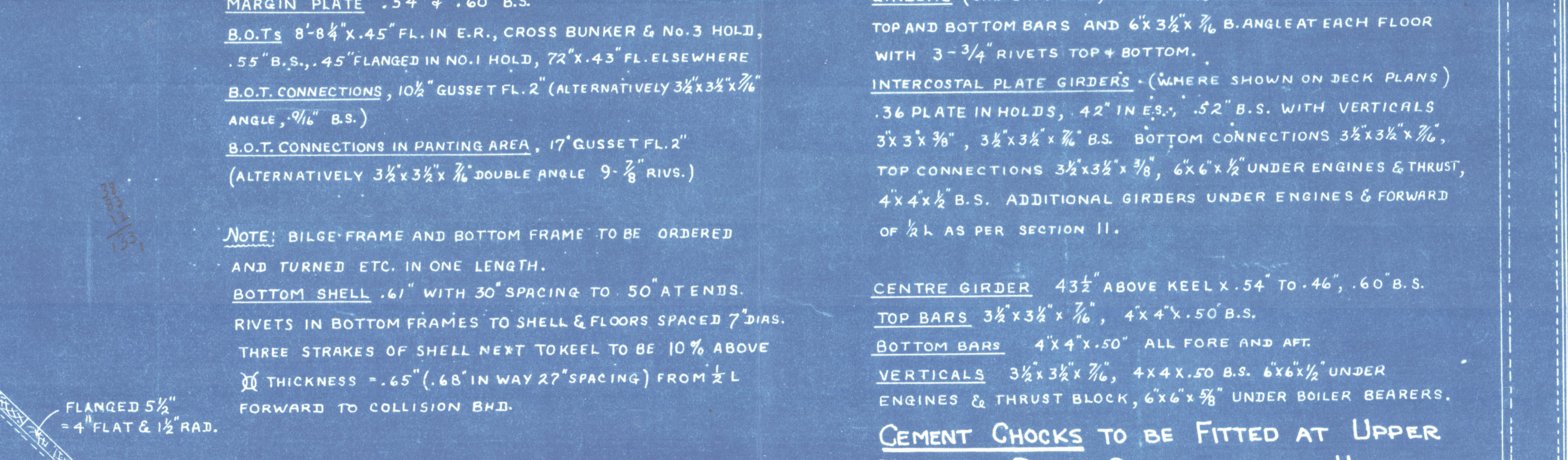
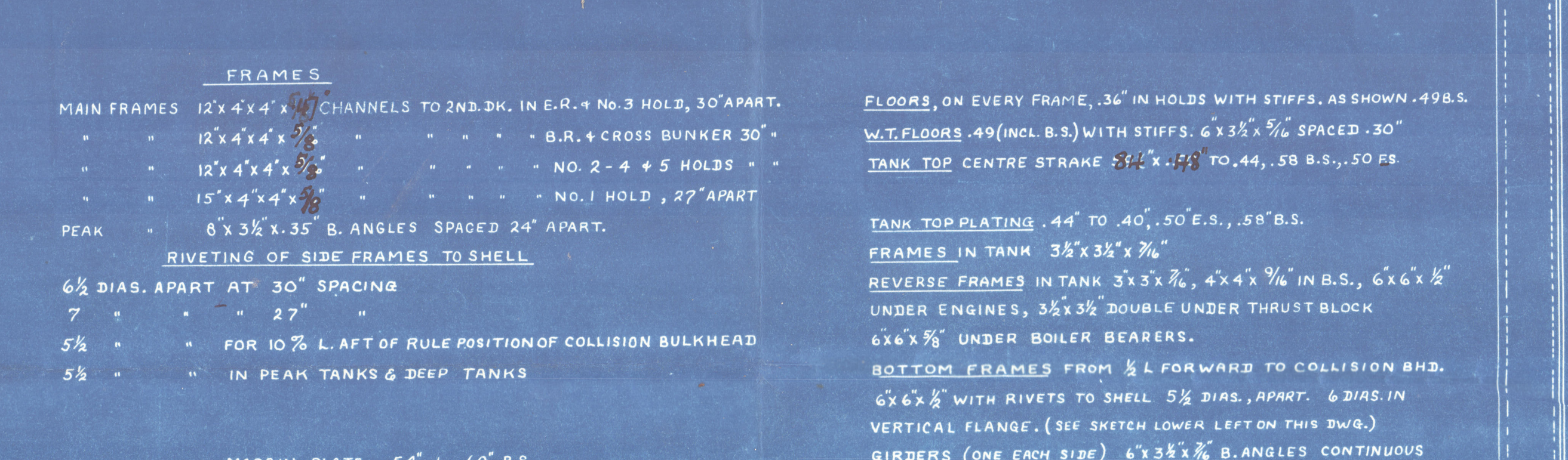
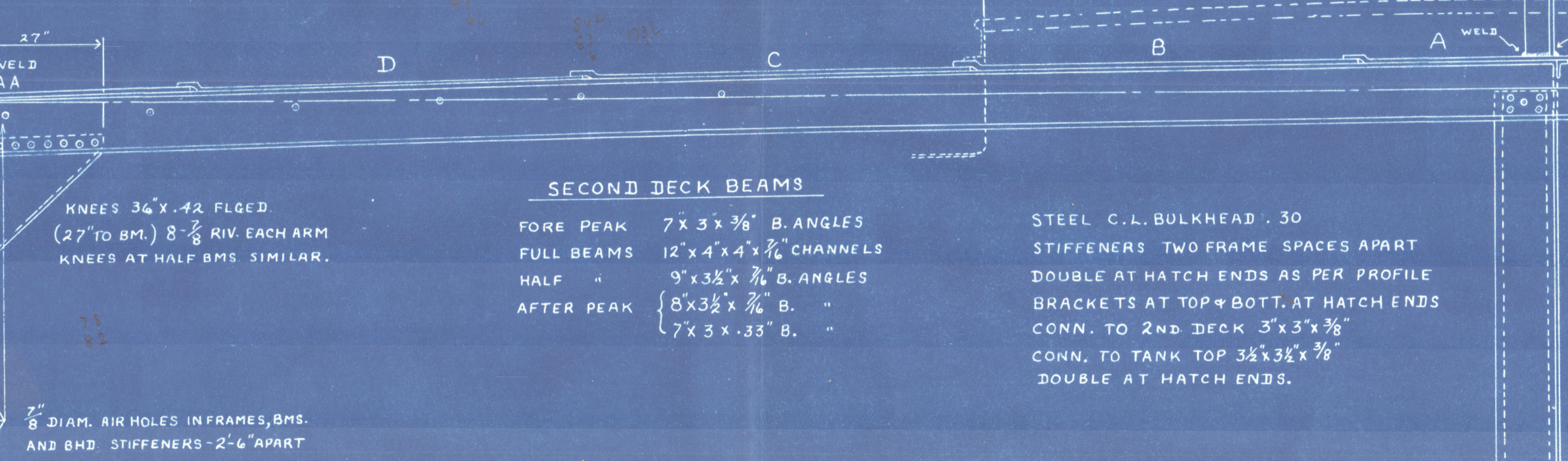
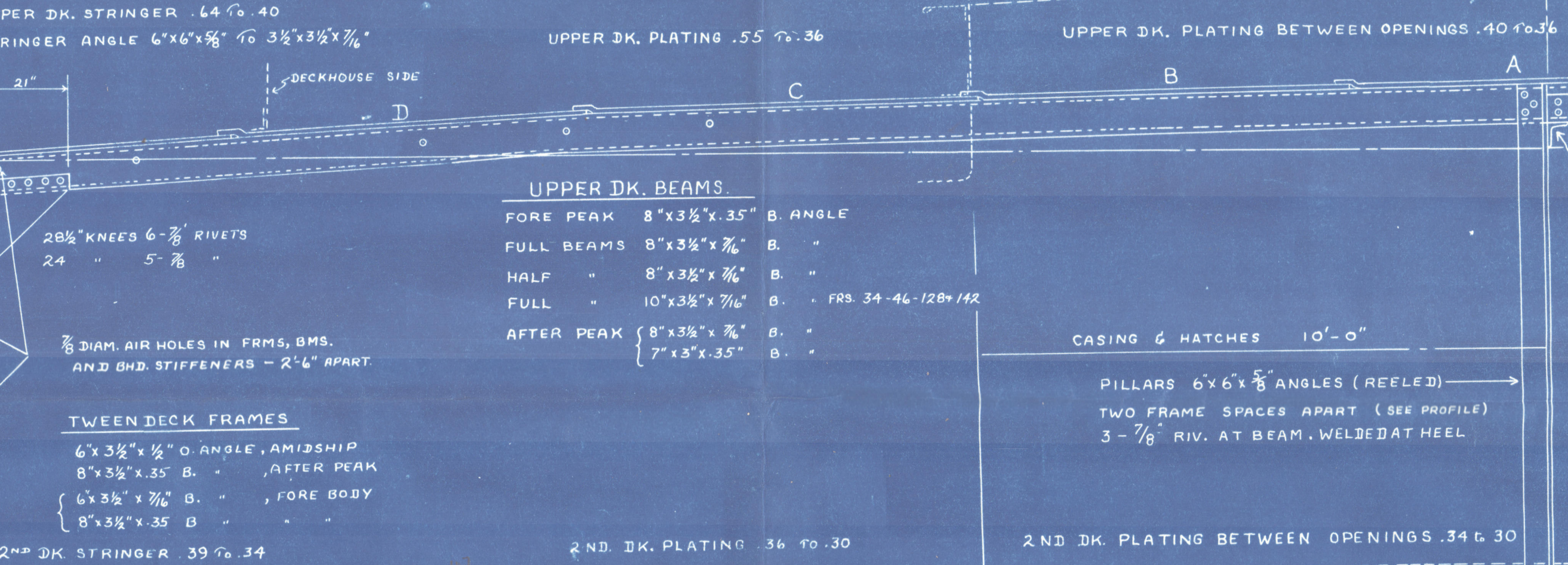
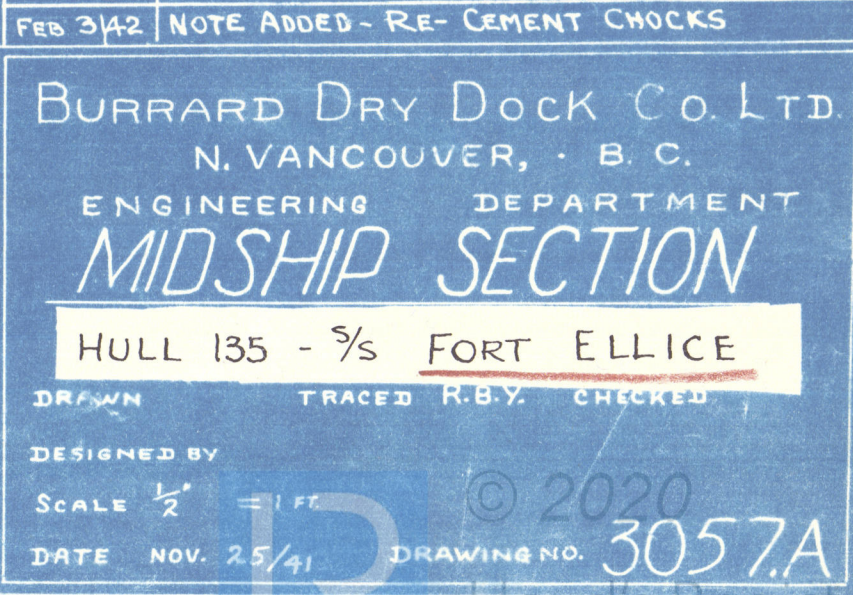
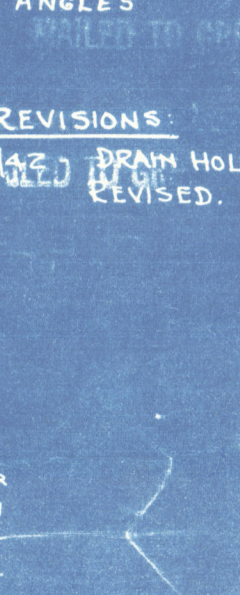
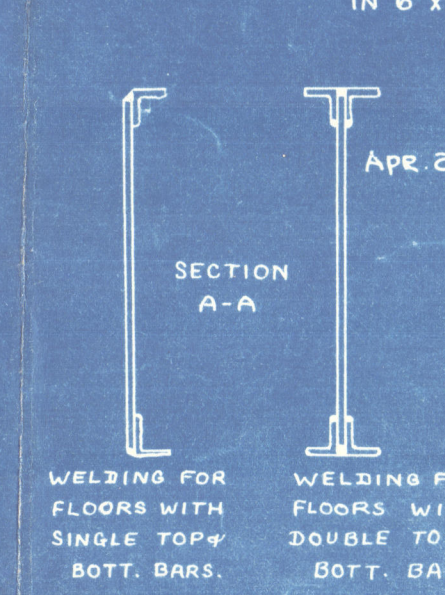
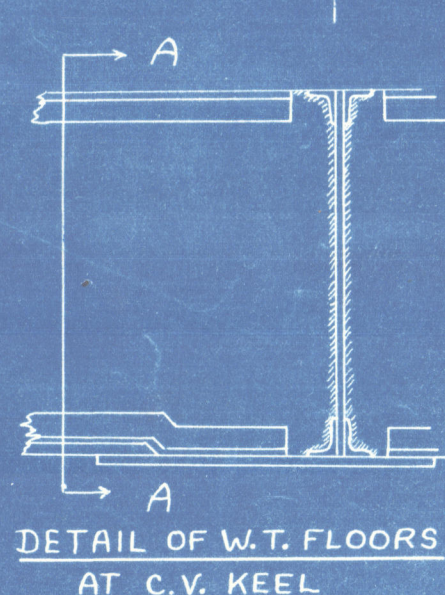
REVISIONS	
JULY 21/41	RE DRAIN HOLES
AUG. 21/41	A DETAIL SHOWING W.T. FLOORS AT C.V. KEEL HAS BEEN ADDED (SEE BELOW AT LEFT) UPPER SECOND DECK PLATING NOW JOGGLED INSTEAD OF TAPERED UNLESS
JAN. 15/42	RE DRAIN HOLES - SEE NOTE
FEB. 2/42	NOTE ADDED - RE CEMENT CHOCKS

BURRARD DRY DOCK CO. LTD.  
N. VANCOUVER, B. C.  
ENGINEERING DEPARTMENT  
**MIDSHIP SECTION**  
HULL 135 - 3/8 FORT ELLICE  
DESIGNED BY  
SCALE 1/2" = 1'-0"  
DATE NOV. 25/41  
DRAWING NO. 3057A

CLASS: 100 A.I.L. LLOYDS, WITH FREEBOARD CORRESPONDING TO A DRAFT 18" MORE THAN THAT OF A C.S.S. VESSEL

EQUIPMENT NUMERAL	
L(B+D)	39189
MIDSHIP DECKHOUSE 30.5x75x50	113
CASINGS 20.5 x 7.5 x 50	77
" 59.75 x 10.5 x 50	314
AFTER DECKHOUSE 28 x 7.5 x 50	105
	39,798

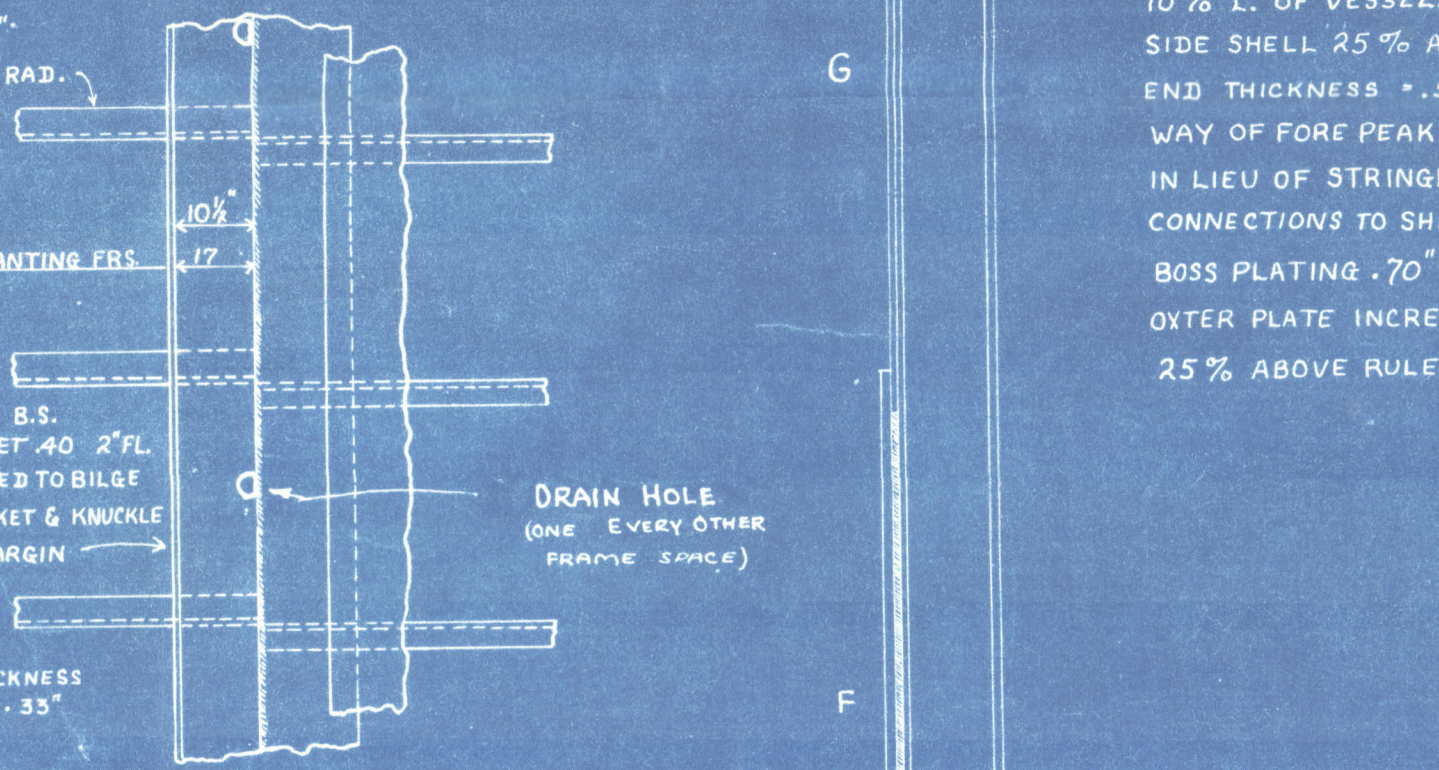
ISSUED  
MAR 7 1942  
Burrard Dry Dock Co. Ltd.  
HULL DEPARTMENT  
VANCOUVER, B.C.



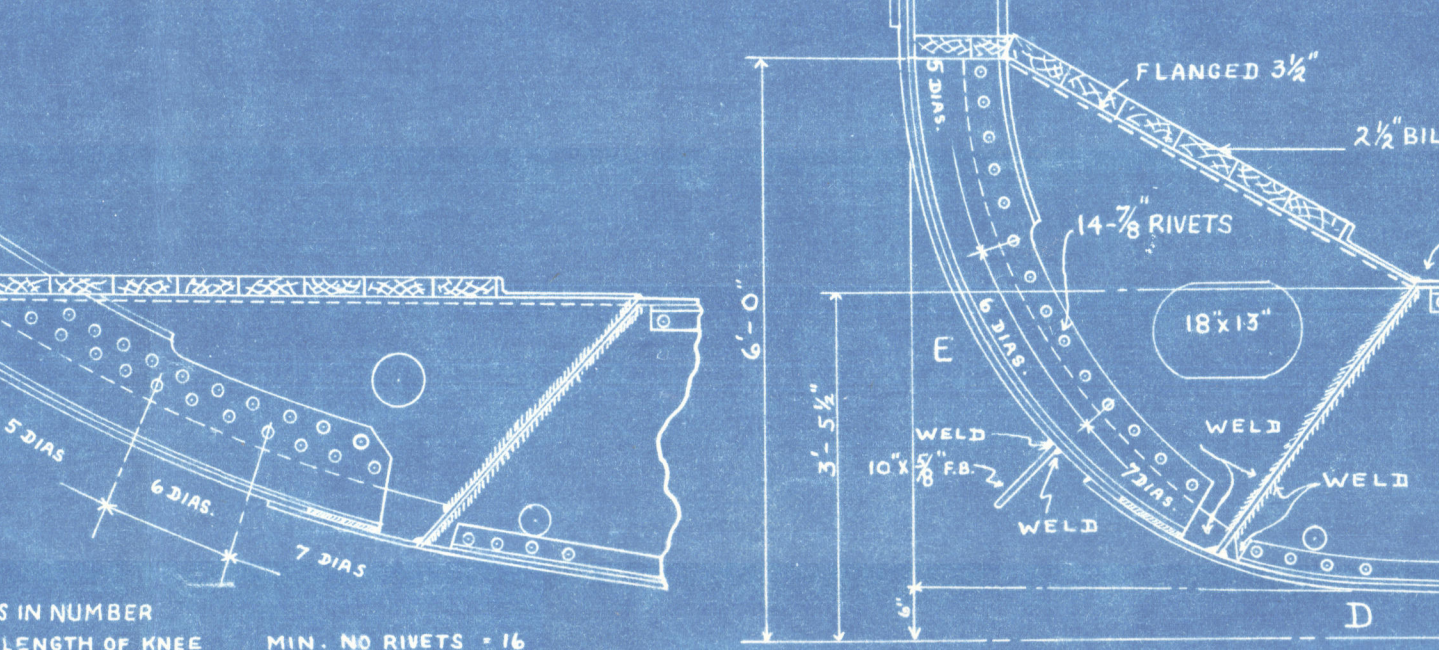
DETAIL AT "AA"



DETAIL OF DRAIN HOLE



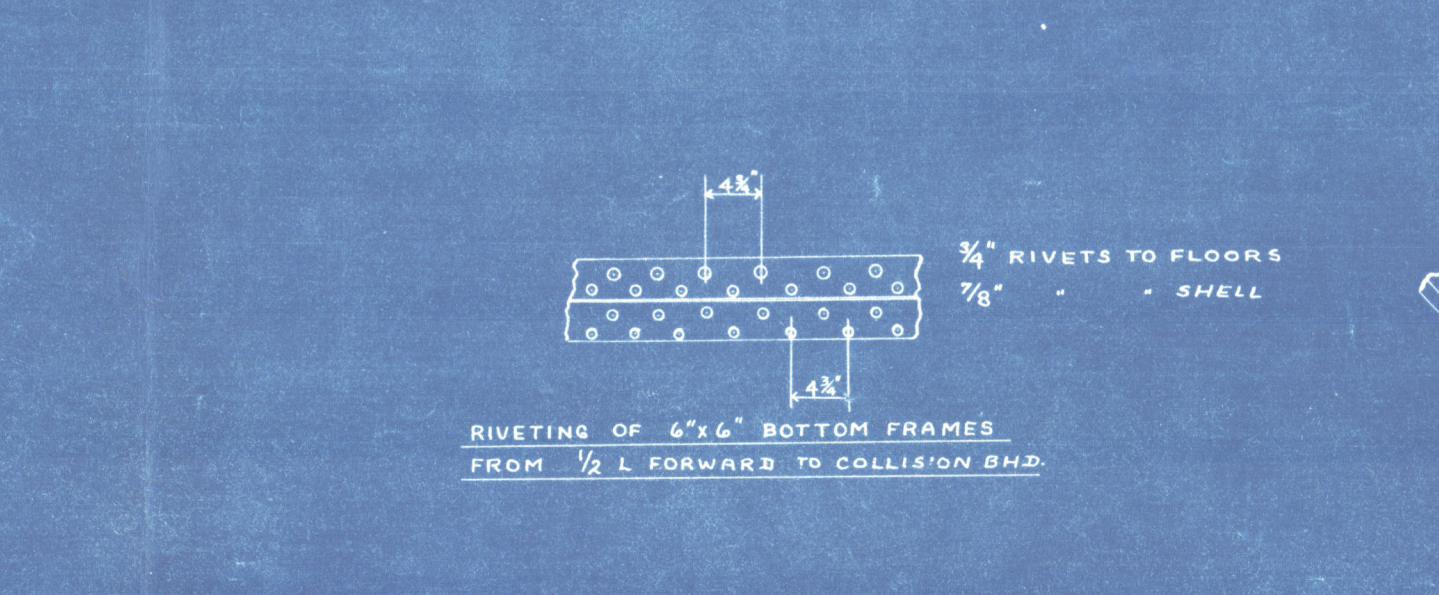
DETAIL OF TANK GUSSETS



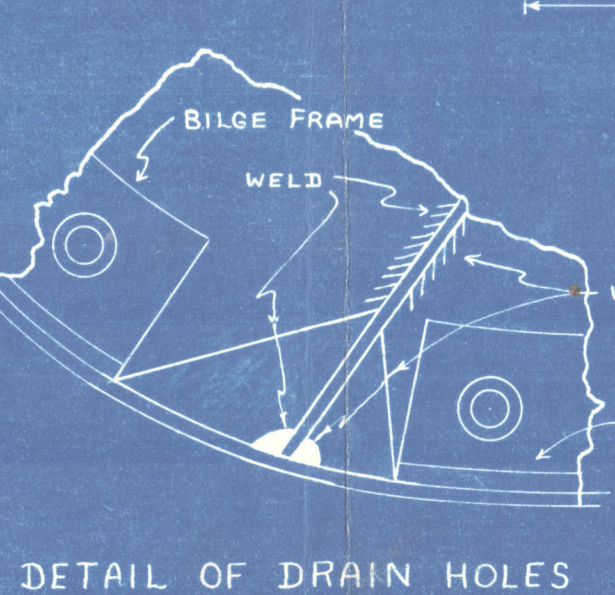
ARRAY OF BILGE BRACKETS IN NO. 1 HOLD



DETAIL OF BILGE BRACKETS AFT OF FRAME 66 & FORWARD OF FRAME 106 (EXCEPT NO. 1 HOLD)



DETAIL OF DRAIN HOLES (SCALE 3" = 1'-0")



DETAIL OF DRAIN HOLES (SCALE 3" = 1'-0")



JAG VIJAY

MIDSHIP SECTION

002876-002882-0072



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