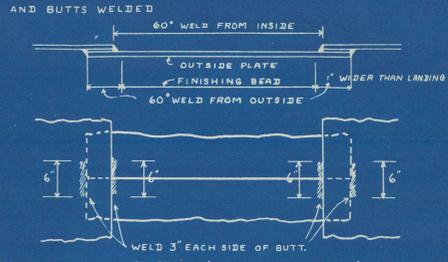


**WELDING NOTES**

**FLAT KEEL** WELD BUTTS FROM INSIDE (WELD IN WAY OF C.V.K. BARS AND SEAMS ONLY). DO NOT COMPLETE WELD UNTIL C.V.K. AND GARBOARD STRAKES ARE BOLTED UP.

**C.V. KEEL** WILL COME RIVETED COMPLETE EXCEPT IN WAY OF BUTTS OF PLATING. SHORT BARS APPROX. 15" x 30" LONG TO BE INTRODUCED HERE AND FITTED AFTER C.V.K. IS IN PLACE AND BUTTS WELDED.



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

**SIDE SHELL AND ENDS OF BOTT. SHELL** INSIDE STRAKES TO BE VEED OUT AND WELDED FROM THE CLEAR OF INSIDE. OUTSIDE STRAKES TO BE VEED OUT AND WELDED FROM THE OUTSIDE.

**J.A. STRAKE** THIS IS A CLINKER STRAKE. THE BUTTS TO BE VEED AND WELDED FROM OUTSIDE, AND LOWER EDGE WHICH IS INSIDE IS TO BE FINISHED IN THE SAME MANNER AS OUTSIDE PLATES, THAT IS, VEED 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.

**TANK TOP** 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.

**MAIN AND UPPER DECK IN DOUBLE BOTTOM** TOP AND BOTTOM ANGLES TO BE LINED. 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.

**TANK MARGIN PLATE** 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. NO FOUNDATION ANGLE TO BE FITTED TO TANK TOP OR 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.

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

**BILGE BRKTS AND GUSSET PLATE** TO BE WELDED TO TANK TOP.

**PILLARS** TO BE WELDED TO TANK TOP.

**KEEL** KEEL TO BE WELDED FOR 3/8" L TO 1/2" AT ENDS. 7/8" RIVETS IN SEAMS AND FRAMES.

**EQUIPMENT**

- 2 - BOWER ANCHORS - 48 CWT.
- 1 - STUD CABLE CHAIN - 225 FATHOMS 2 1/2"
- 1 - STREAM ANCHOR (STOCKLESS) - 23 3/4 CWT.
- 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 "

**REVISIONS**

NO.	DATE	DESCRIPTION
1	JULY 21/41	RE DRAWN HOLES
2	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 LINERS.
3	JAN 15/42	RE DRAWN HOLES - SEE NOTE
4	FEB 23/42	NOTE ADDED - RE-CEMENT CHECKS

**REVISIONS**

APR 23/42 RE-DRAWN HOLES ADDED (REVISED)

**NORTH VAN SHIP REPAIRS LTD.**  
NORTH VANCOUVER, B.C.

**SS FORT AUGUSTUS**

**MIDSHIP SECTION**

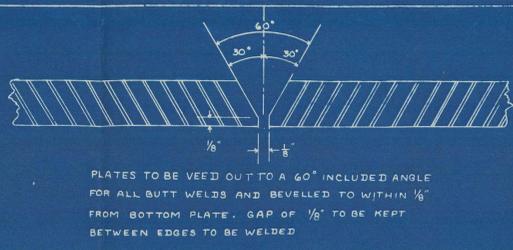
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1/2" SCALE 1 FOOT = 10 FEET  
BDD NO. 3057A

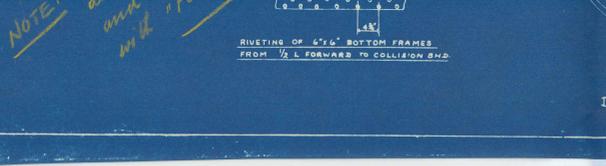
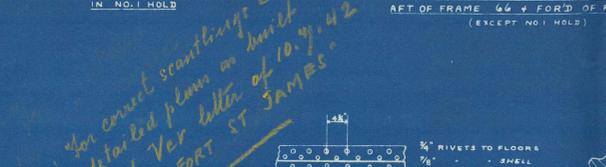
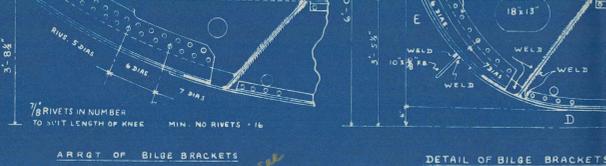
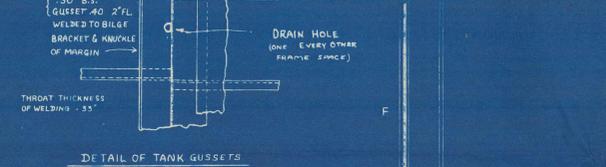
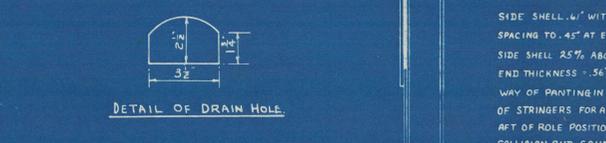
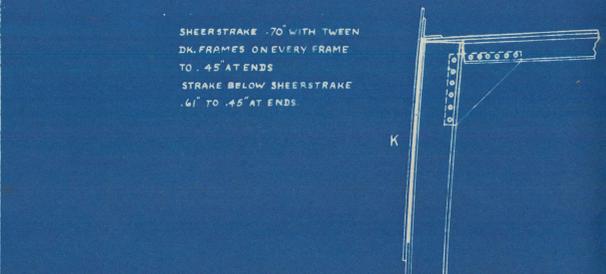
**PRINCIPAL DIMENSIONS**

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

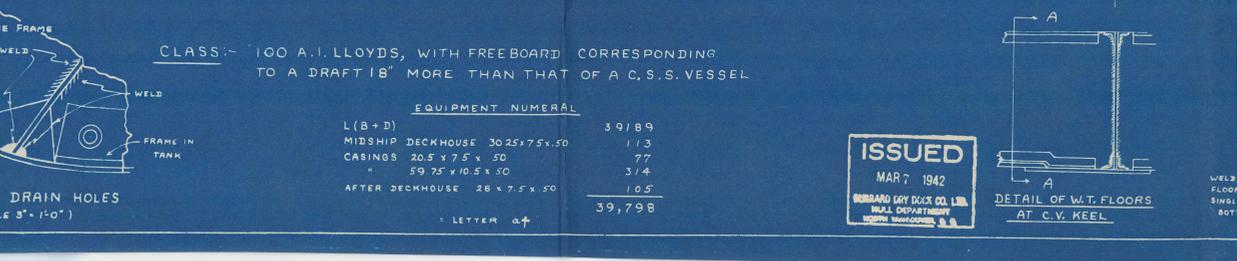
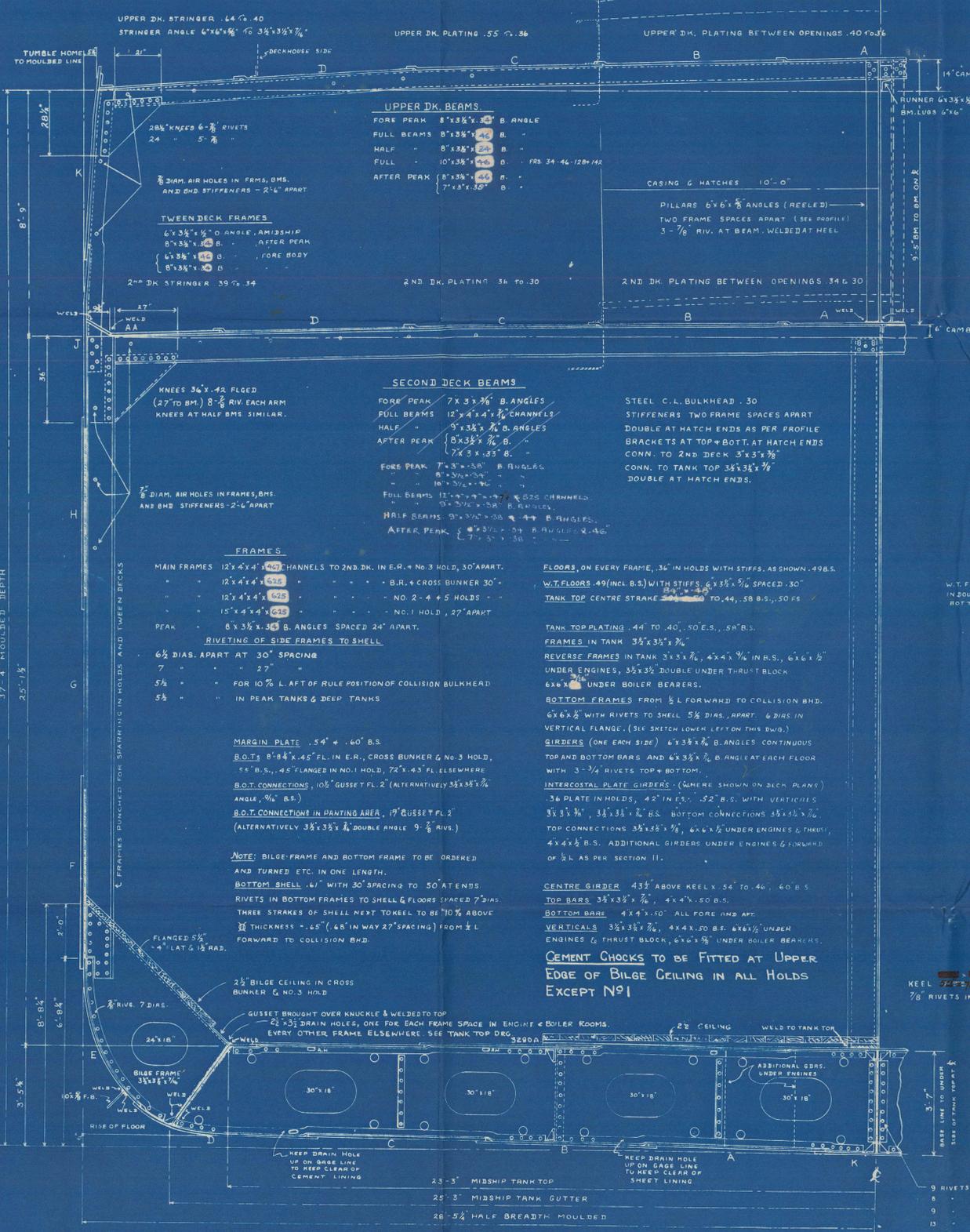
**NOTE:** DO NOT USE LARGER ROD THAN 3/16" DIAMETER. NO RIVETING TO BE DONE UNTIL WELDING IS COMPLETED. BUTT WELDS IN ALL CASES TO HAVE A FINISHING BEAD. FIRST TWO BEADS IN BUTT WELDS TO BE WELL PEENED.



PLATES TO BE VEED 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.



**NOTE:** For correct scantlings see detailed plans on hull and Ver letter of 10.7.42 with Fort St James.



**CLASS:** 100 A.I. 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 30'25'7.5" x 50	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  
BURNS AND MCDONALD CO. LTD.  
MARINE DEPARTMENT  
VICTORIA, B.C.

**DETAIL OF W.T. FLOORS AT C.V. KEEL**

WELDING FOR FLOORS WITH SINGLE TOP & BOTTOM BARS  
WELDING FOR FLOORS WITH DOUBLE TOP & BOTTOM BARS