

BRIDGE DK. PLTG. .32'  
 FOCUL + POOP DK. PLTG. .30'  
 BRIDGE DK. STRINGER PL. 42' .34'  
 FOCUL .26' .32'  
 POOP .27' .30'  
 POOP + FOCUL DK. STRINGER 15' 3.3' 7.2'  
 BRIDGE " " 3' 3.3' 7.2'  
 POOP DK. COVERED WITH 5' 2 1/2" OREGON PINE  
 FOCUL + POOP DK. BUTT LAPS SINGLE RIV. 2 1/2" WIDE  
 BRIDGE DK. PLTG. AND BRIDGE, FOCUL AND POOP DK. STRING. BUTT LAPS DEL RIV. 4 1/2" WIDE  
 ALL EDGE LAPS SINGLE RIV. 2 1/2" WIDE  
 ALL RIVETS 5/8"

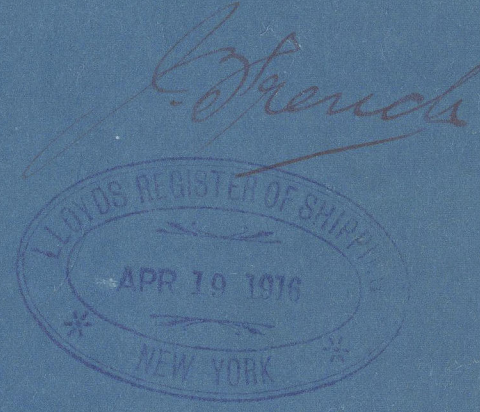
*Bridge not over 65 ft. long.*

FOCUL AND BRIDGE SIDE PLTG. .34'  
 POOP SIDE PLTG. .32'  
 BUTT LAPS IN FOCUL AND POOP DEL RIV. 5" WIDE  
 IN BRIDGE QUADRUPE RIV. 10" WIDE *(may be double riveted)*  
 SEAM LAPS SINGLE RIV. 2 1/2" WIDE  
 ALL RIVETS 5/8"

PRINCIPAL DIMENSIONS  
 L.O.A. 261'-0"  
 L.B.P. 251'-0"  
 BEAM 43'-6"  
 DEPTH 23'-0"

LLOYDS NUMERALS  
 L (E+D) = 16691.5  
 S+D = 66.5  
 S = 10.9  
 2/3 \* 106 \* 7 = 556.5 FOR POOP, BRIDGE AND FORECASTLE  
 42 \* 7 = 147. FOR DK. HOUSES  
 16691.5 + 556.5 + 147 = 17395.5 = EQUIPMENT NUMBER

EQUIPMENT  
 3 BOWERS COLL. WT. 101 CWT. STOCKLESS  
 1 STREAM .54 CWT. EX. STOCK  
 1 KEDGE .12 CWT. " "  
 240 FATH. 1 1/2" STUP LINK CHAIN CABLE  
 75 FATH. 4" STEEL WIRE STREAM  
 2-90 FATH. 2 1/2" STEEL WIRE OR 6" HEMP HAWSER  
 2-90 FATH. 1 1/2" STEEL WIRE OR 5" HEMP WARRS  
 1-90 FATH. 3/4" STEEL WIRE TOW LINE



HULL NO. 80-81

PRINT NO.	NO.	DEPT.	DATE	TITLE
1-5	4	ALYD	4/16	MIDSHIP SECTION
4-7	2	WELD		
MANITOWOC SHIP BUILDING & DRY DOCK CO. MANITOWOC, WIS., U. S. A.				
SCALE 1/2" = 1 FT.		HULL NO. 80-81		
DRAWN	BY	DATE	DRAWING NO.	
TRACED	KRUEGER	APR. 6. 16	3646	
CHECKED	"	APR. 16		
APPROVED	Twiss	APR. 16		

FULWARK .32'  
 BUTT LAPS DEL RIV. 8" WIDE  
 ALL RIVETS 5/8"

SHEER STRAKE 43'-56" FOR 1/2 LENGTH AMIDSHIPS, .40" AT ENDS, INCREASED .10" FOR 20'-0" AT ENDS OF BRIDGE  
 TREBLE RIV. BUTT LAPS 9" WIDE  
 AMIDSHIPS 7 1/2" AT ENDS  
 UPPER EDGE LAP, SING. RIV. 3" WIDE  
 EXCEPT FOR 20'-0" AT ENDS OF BRIDGE, WHERE DEL. RIV. RIV. AMIDSH. 7/8" AT ENDS 3/4"

56" FOR 1/2 LENGTH AMIDSHIPS  
 .44" AT ENDS

54" FOR 1/2 LENGTH AMIDSHIPS  
 .44" AT ENDS

54" FOR 1/2 LENGTH AMIDSHIPS  
 .44" AT ENDS

52" FOR 1/2 LENGTH AMIDSHIPS  
 .42" AT ENDS

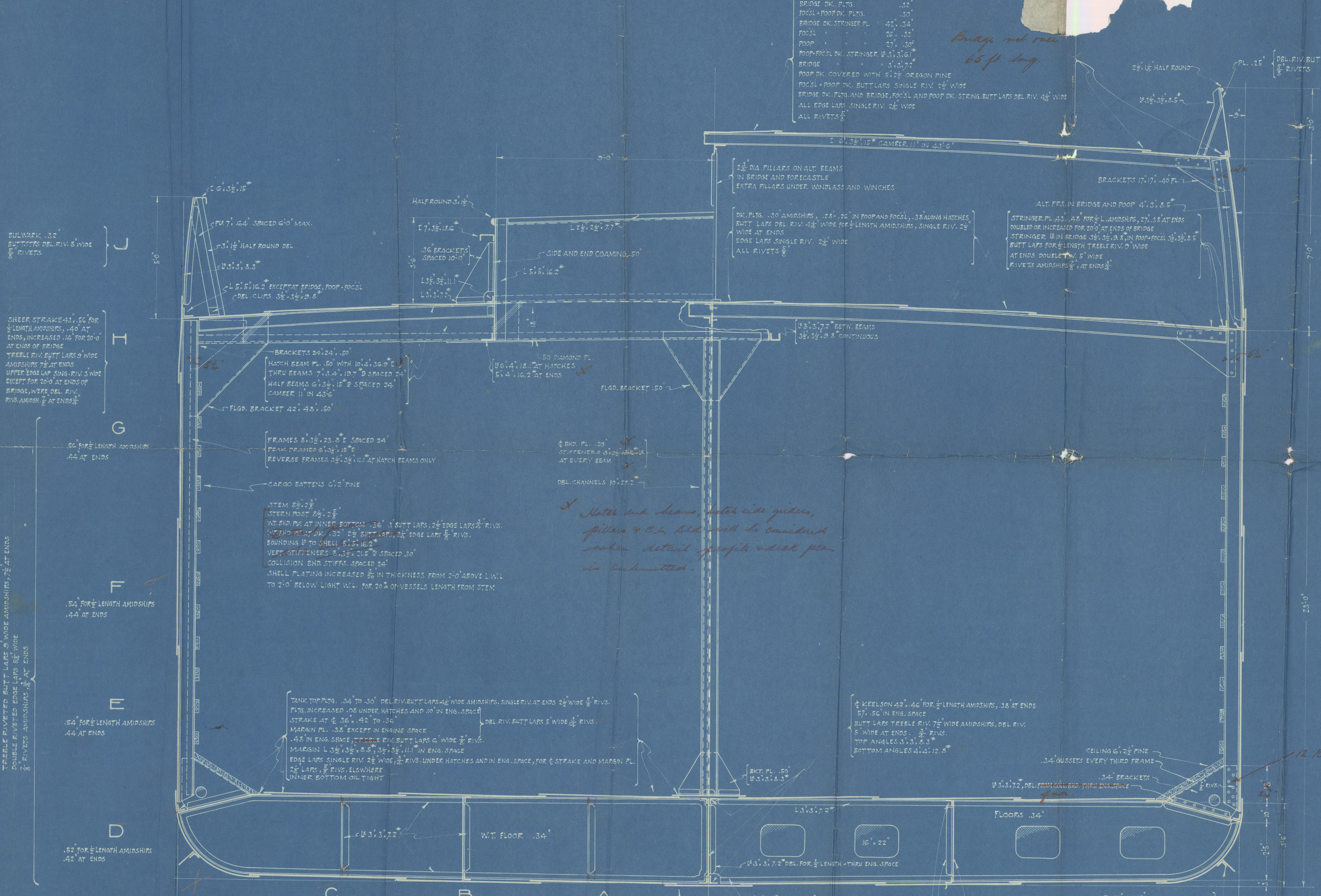
*hulls - overlapped butts of bottom side shell plating to be quadruple riveted where strakes are over 60" wide.*

BOTTOM PLTG. .50" FOR 1/2 LENGTH AMIDSHIPS, .42" AT ENDS MIDSHIP THICKNESS MAINTAINED TO COLLISION SHD.  
 BUTT LAPS TREBLE RIV. 9" WIDE AMIDSHIPS, 7 1/2" AT ENDS  
 EDGE LAPS EXCEPT TO KEEL 5 1/2" WIDE DOUBLE RIV. RIVETS AMIDSHIPS 1" AT ENDS 3/4"

KEEL 43' .78" FOR 1/2 LENGTH AMIDSHIPS, .58" AT ENDS  
 QUAD. RIV. BUTT STRS. 25' .98" AMIDSHIPS  
 TREBLE RIV. BUTT STRS. 16 1/2' .74" AT ENDS  
 DEL. RIV. EDGE LAPS 6" WIDE  
 RIVETS AMIDSHIPS 1" AT ENDS 3/4"

*Hatch end beams, hatch side girders, pillars & c.b. shd. will be considered when detail profile & deck plan is submitted.*

*12 Rivets 7/8" dia.*





W521-0216



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Lloyd's Register  
Foundation



Manitowoc Shipbuilding Co

Midship Section

Mr. 80-81

8/5 Ada  
Cgo No 18.

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REMAIN



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