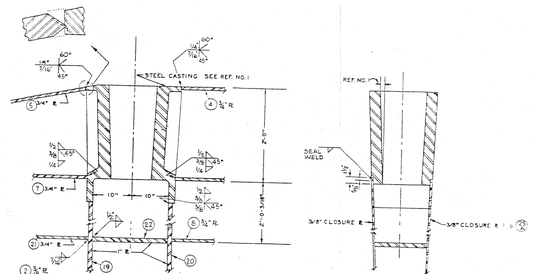
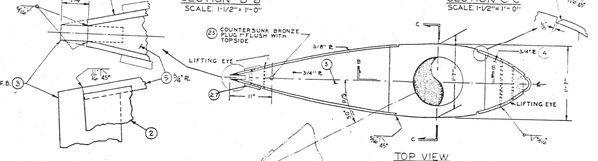
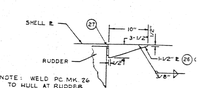
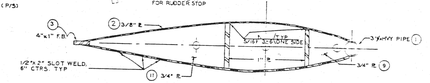
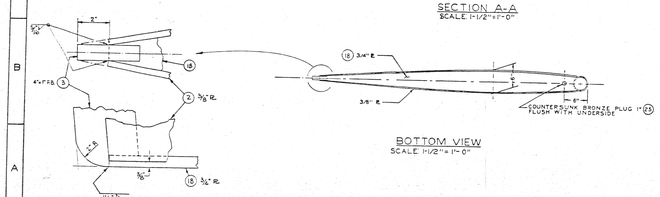
SHT 4 OF 22

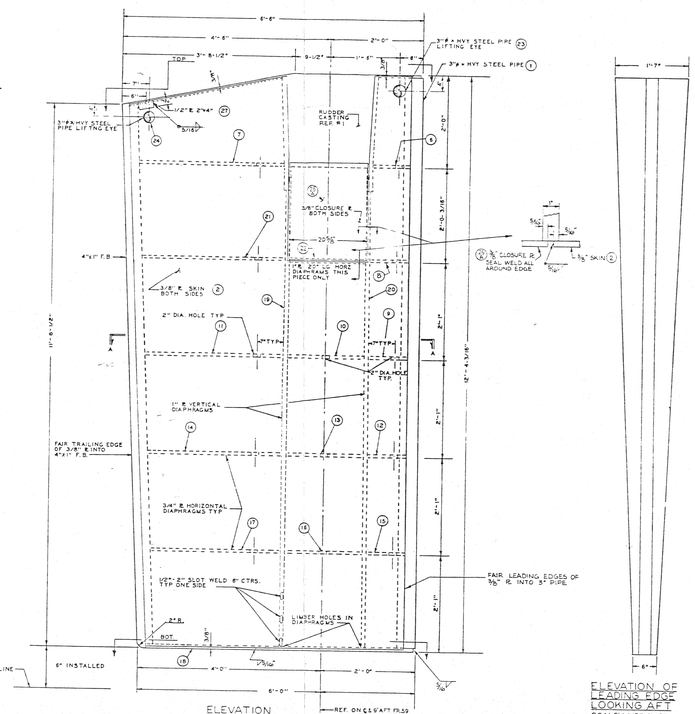












519-4442422

REFERENCES

NO	TITLE	DRAWING NUMBER NAVSHIPS
1	RUDDER STOCK & BEARING SUPPORT	048
2		
3		
4		
5		

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPD
		THIS DRAWING DEVELOPED FROM NAVSHIPS DRAWING NO 519-4362666		
		APPROVED BY ABS LTR FILE REF TB-2 OF 3-24-72 BY E.D. SWENSON		

GENERAL NOTES

1. ALL WELDING TO COMPLY WITH CURRENT ABS RULES.
2. PREHEAT CASTINGS EVENLY TO 350 DEG.F. PRIOR TO WELDING.
3. RUDDER APPROVED BY ABS FOR SPEEDS OF 12 KNOTS.

PARTS LIST

ITEM NO	QTY REQ	COOK UNIT	PART NO	SYMBOL	DESCRIPTION	MATL	SPEC NO	REMARKS	GR UNIT WT LBS
27	2				PLATE 1/2"	STEEL	ABS RULES		
26	2				PLATE 1-1/2"	STEEL	ABS RULES		
26A	1 PR	S			PLATE 3/8"	STEEL	ABS RULES		
25	2				PIPE PLUG 1" IPS. DSK HD. FLUSH	BRONZE			
24	1				PIPE 3" IPS. SCH. 80	STEEL			
23	1				PIPE 3" IPS. SCH. 80	STEEL			
22	1				PLATE 1"	STEEL	ABS RULES		
21	1				PLATE 3/4"	STEEL	ABS RULES		
20	1				PLATE 1"	STEEL	ABS RULES		
19	1				PLATE 1"	STEEL	ABS RULES		
18	1				PLATE 3/4"	STEEL	ABS RULES		
17	1				PLATE 3/4"	STEEL	ABS RULES		
16	1				PLATE 3/4"	STEEL	ABS RULES		
15	1				PLATE 3/4"	STEEL	ABS RULES		
14	1				PLATE 3/4"	STEEL	ABS RULES		
13	1				PLATE 3/4"	STEEL	ABS RULES		
12	1				PLATE 3/4"	STEEL	ABS RULES		
11	1				PLATE 3/4"	STEEL	ABS RULES		
10	1				PLATE 3/4"	STEEL	ABS RULES		
9	1				PLATE 3/4"	STEEL	ABS RULES		
8	1				PLATE 3/4"	STEEL	ABS RULES		
7	1				PLATE 3/4"	STEEL	ABS RULES		
6	1				PLATE 3/4"	STEEL	ABS RULES		
5	1				PLATE 3/4"	STEEL	ABS RULES		
4	1				PLATE 3/4"	STEEL	ABS RULES		
3	1				FLAT BAR 1"x4"	STEEL	ABS RULES		
2	1 PR	S			PLATE 3/8"	STEEL	ABS RULES		
1	1				PIPE 3" IPS. SCH. 80	STEEL	ABS RULES		

WEIGHT & CENTER OF GRAVITY BLOCK

WEIGHT GROUP	WEIGHT LBS	VCG ABOVE BOT FT	LCG FWD OF AFT END OF FT	TRANSV CG PORT FT	STBD FT
5%	2892	8.54	—	5.3	—

CONTR NO C-10216
MARINETTE MARINE CORP
MARINETTE, WISCONSIN
CONTRACTOR DWG NO
048

DEPARTMENT OF THE NAVY
NAVAL SHIPS SYSTEM COMMAND
WASHINGTON, D.C.
105 FT. HARBOR TUG LARGE/YTB
YTB 760 CLASS TUG SERIES
RUDDER DETAILS

DESIGN	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE

CK'S COOK ID NO. NAVSHIPS DRAWING NO. REV
H 80054 519-4442422
SCALE 1-1/2"=1'-0" SHEET 1 OF 1