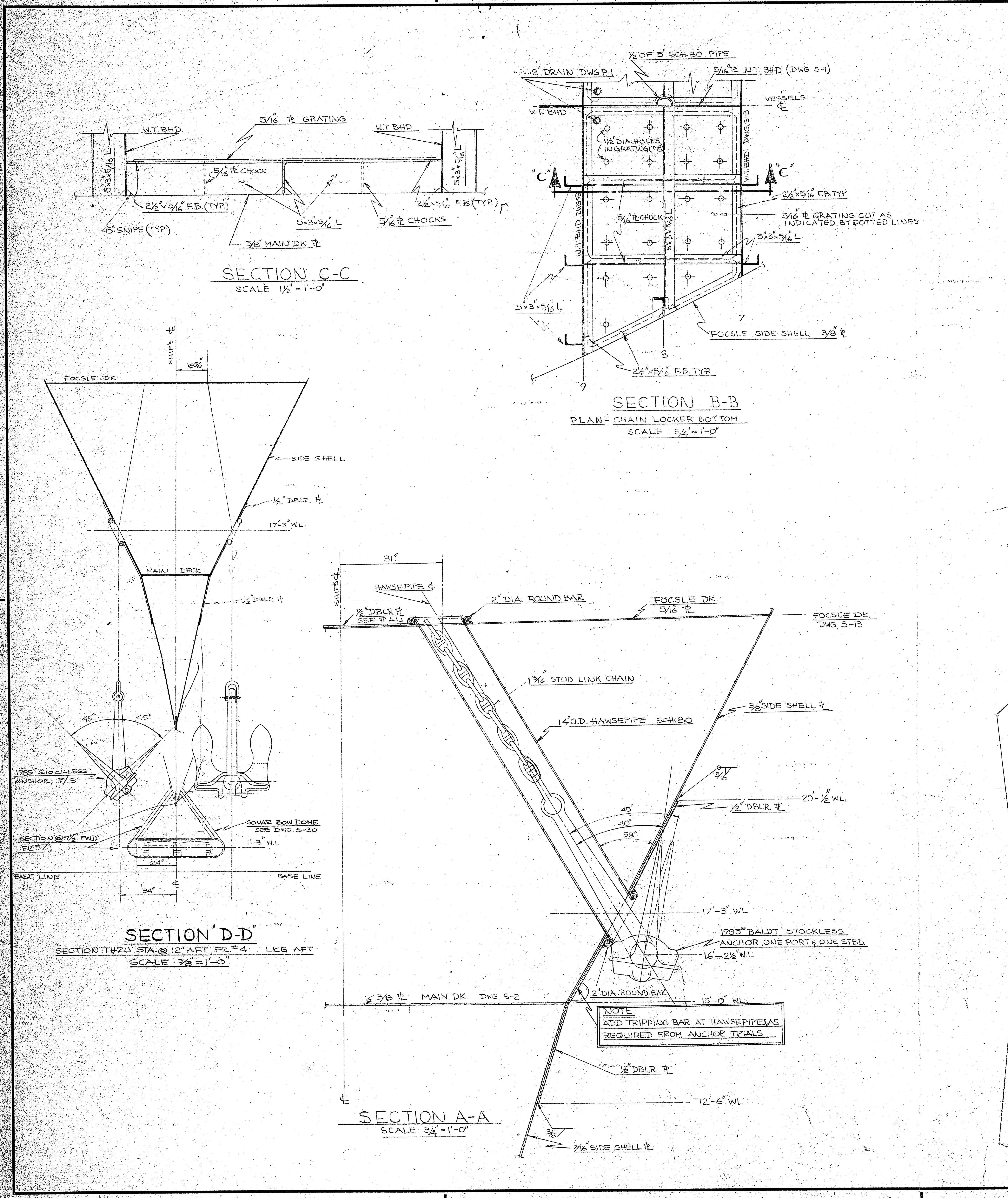

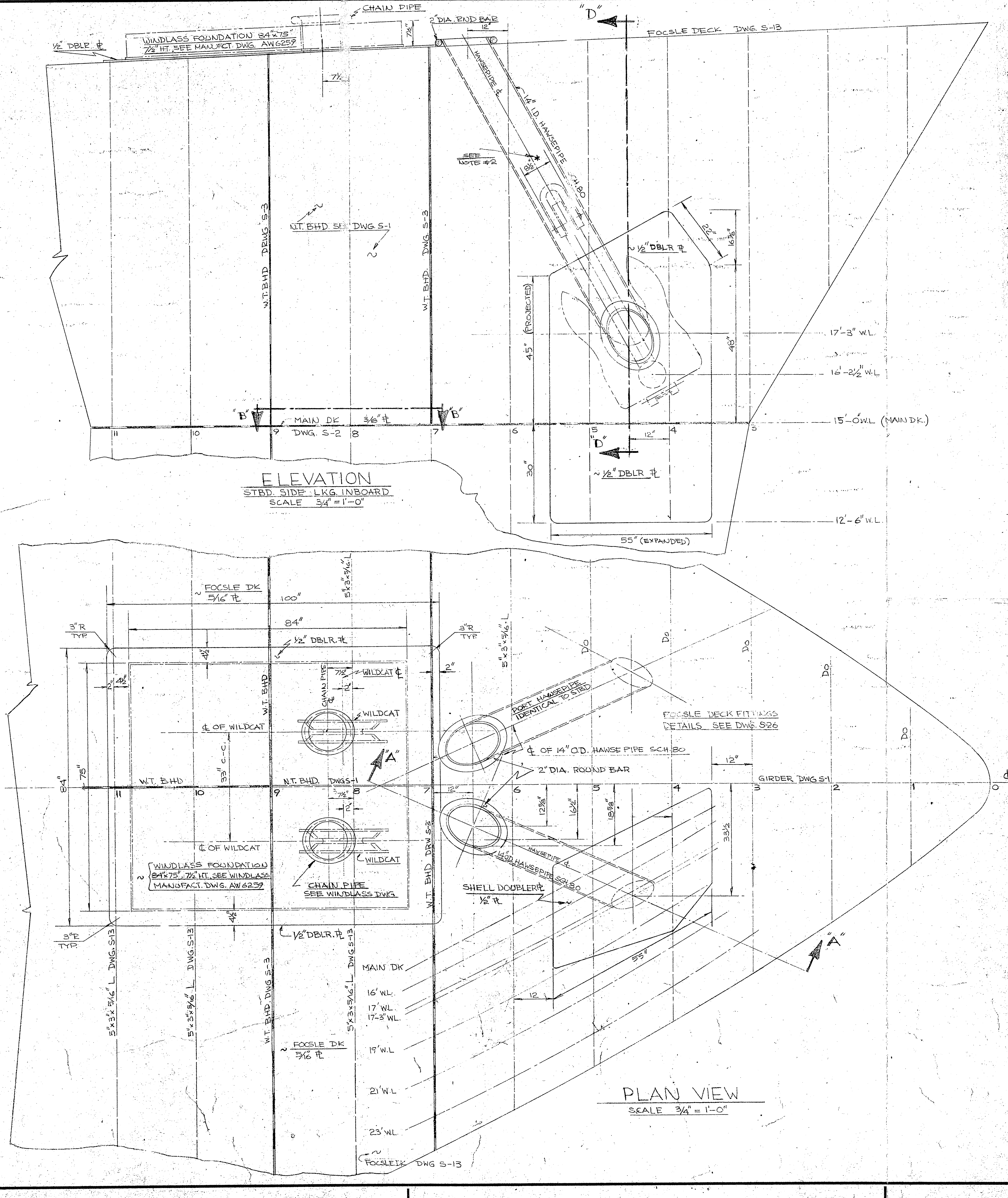

J.O. 2187-88

GENERAL NOTES

1. CLASSIFICATION OF THE VESSEL ACCORDING TO A.B.S. TO BE ✠A1 Ⓔ
2. TWO BOWER "BALDT" STOCKLESS ANCHORS (1985 LBS EACH) & THEIR CHAINS ARE TO BE CONNECTED & POSITIONED READY FOR USE. 8½ MAX *
3. ANCHOR CHAIN TO BE 195 FATHOMS (TOTAL) OF 1 3/16" ϕ NORMAL STRENGTH (GRADE 1) STUD LINK CHAIN.
4. A THIRD ANCHOR (SAME AS ABOVE) TO BE STOWED ON FOCSLE DK. AND @ THE FWD SIDE OF THE SUPERSTRUCTURE.
5. THE INBOARD ENDS OF THE CHAINS ARE TO BE SECURED BY HALF LINK IN THE OVERHEAD OF THE CHAIN LOCKER.
6. ONE DOUBLE WILDCAT ANCHOR WINDLASS TO BE AN ELECTRIC "MARKEY" TYPE WE-24 S COMPLETE WITH ALL CONTROLS & HOIST TWO 1985 LBS. ANCHORS, EACH WITH 30 FATHOMS OF 1 3/16" ϕ STUD LINK CHAIN AT 36 F.P.M. WITH WARPING SPEED 100 F.P.M. & DISC TYPE BRAKES (MARKEY" DWG. AW-6259)
7. A CONTROL FOR WINDLASS TO BE INSTALLED IN CLOSE VICINITY TO UNIT EQUIPPED WITH RESET CIRCUIT BREAKER.
8. ONE ANCHOR HANDLING DAVIT WITH TWO SOCKETS (ONE PORT & ONE STBD.) TO BE INSTALLED ON FWD PART OF FOCSLE DK. (SEE H.M.S. DWG.S-31).
9. ANCHORS, ANCHOR WINDLASS, ANCHOR CHAIN & CONTROLS TO BE FURNISHED BY H.M.S.

EQUIPMENT NUMBER CALCUL'S

(PER 1972 A.B.S RULES)

$\Delta_{MLD.\ SLWL}$ = 1437 L.TONS
$B_{MLD.}$ = 36.0 FT.
a = 1.885 FT.
$h = a + h_1 + h_2 + h_3$ = 25.885 FT.
A = 1745.6 SQ. FT.

EQUIPMENT N° = $EN = 1.012\,\Delta^{2/3} + 0.186\,Bh + 0.00929\,A$

E.N. = 318.22
USE U 10
3 STOCKLESS ANCHORS OF 1985# EACH WITH 195 FATHOMS (TOTAL) 1 3/16" DIA. CHAIN (GRADE 1)

MAY 1 8 1973

SYM	DESCRIPTION	DATE	BY
	REVISIONS		
N.O. △ 2-28-73 -			

APPROVALS
ABS° — FCC
USCG
USPHS

U.S. NAVAL SHIP SYSTEMS COMMAND
WASHINGTON D.C. 20360

OCEANOGRAPHIC RESEARCH SHIP
AGOR (UTILITY) CLASS

HALTER MARINE SERVICES, INC.
P.O. BOX 29266 NEW ORLEANS, LA. 70129

ANCHOR HANDLING

SCALE-	AS SHOWN	DATE	FEB.8, 1973	HALTER DWG. NO.
DRAWN BY-	Liebis	CK'D BY	L. E.	S22
HALTER HULL NO.	375 376	HALTER JOB NO.	2187 2188	
NAVSHIPS NO.	AGOR21-520-001			REV. 0

GYRE177