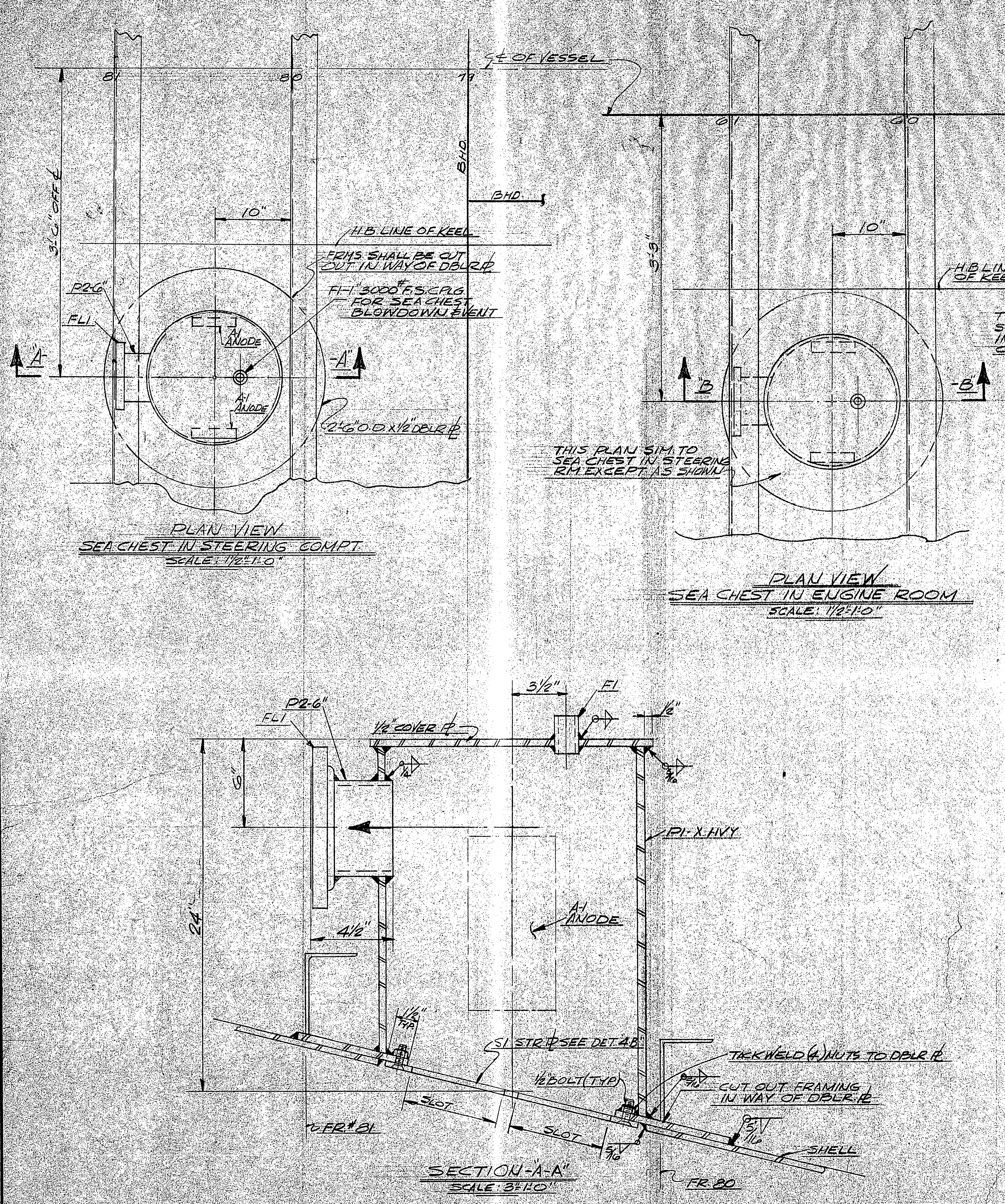
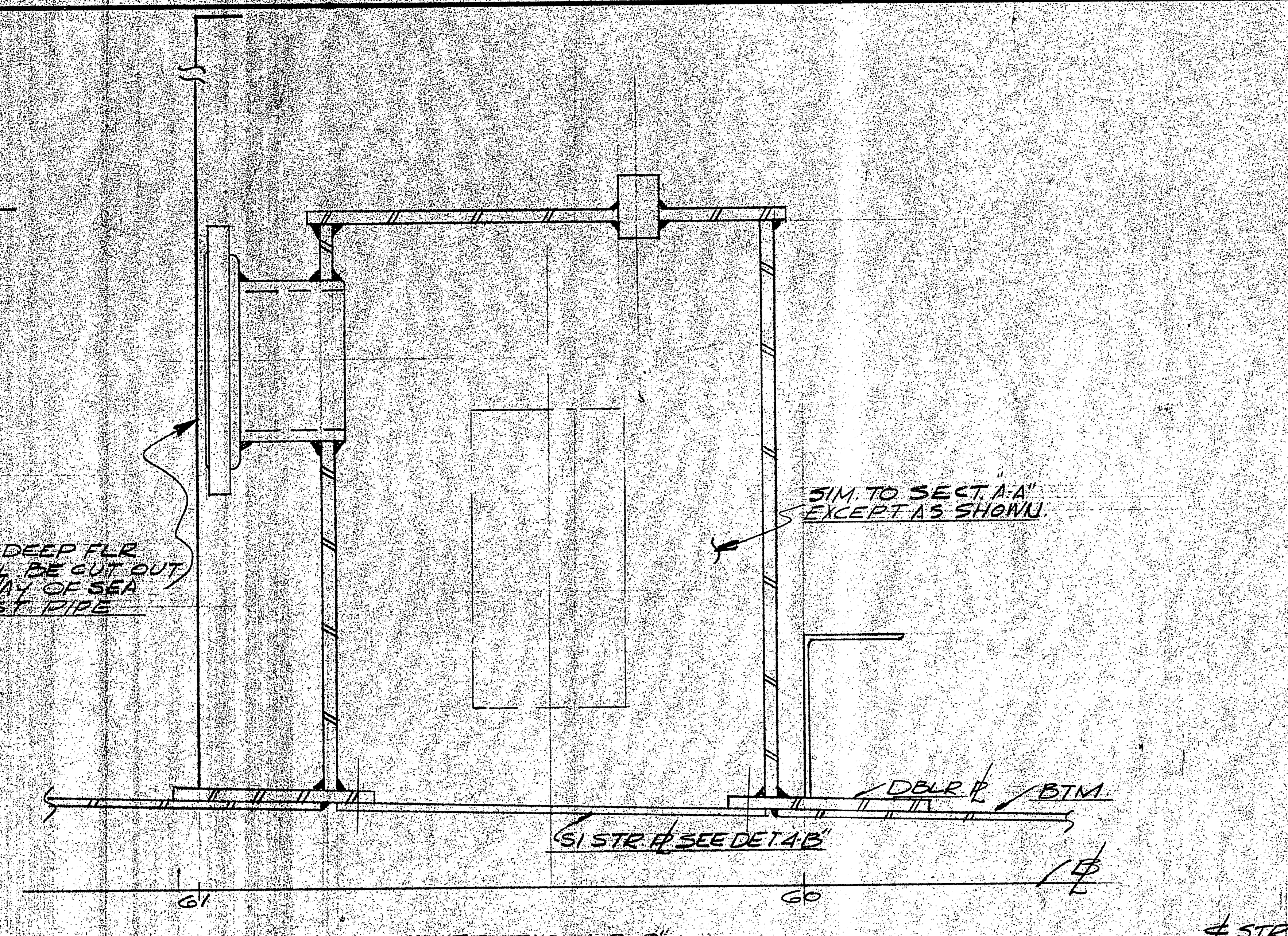


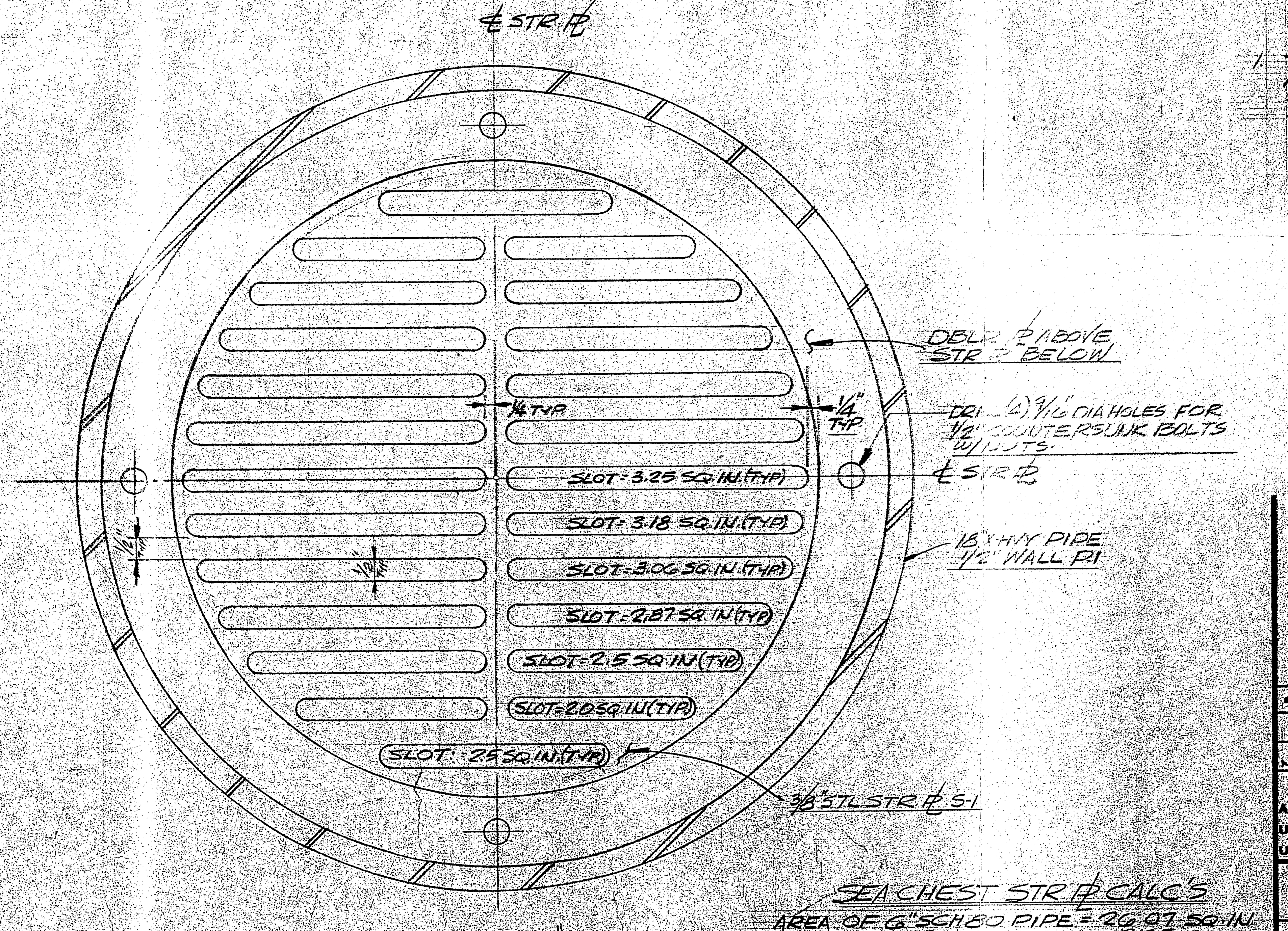
PLAN VIEW
SEA CHEST IN STEERING COMPT.
SCALE: 1 1/2"=1'-0"

PLAN VIEW
SEA CHEST IN ENGINE ROOM
SCALE: 1 1/2"=1'-0"

SECTION-A-A
SCALE: 3"=1'-0"



SECTION B-B
SCALE: 3"=1'-0"



DETAIL "4-B"
STR ℞
SCALE: 1/2"=1"

PC. NO.	QTY.	SIZE	DESCRIPTION	COST ITEM	P.O. NO.	VENDOR	DTD REQD YARD	DTD RECV
P1	5'0"	18" 1/2 WALL	PIPE X-HVY SMLS STL.					
P2	1'-0"	6"	SCH. 80					
FL1	2	6"	FLG. 5.0 R.F. STL. ASTM A-181					
S1	5 SQ FT	3/8"	STR ℞ STL. (FOR STRS)					
F1	2	1"	CPLG. F. STL. SCR. 3000#					
	25 SQ FT	1/2" ℞	STL. ℞ FOR DBLR & SEA CHESTS TOP ℞					
A1	4	6"x12"x1 1/2"	ALUM. ANODES					
	8	1/2" DIA x 1 5/8	CTSK. BOLTS W/NUTS					

GENERAL NOTES:

1. THESE SEA CHESTS ARE SIZED TO SERVE BILGE & BALL. SYS. 6" PIPE, SANIT. SYS. 2" PIPE, FIRE SYS. 4" PIPE & S.W. CIRC. SYS. 1 1/2" PIPE. SEE STR ℞ CALCS. BELOW.

SEA CHEST STR ℞ CALC'S

AREA OF 6" SCH 80 PIPE = 26.07 SQ. IN.
AREA OF 2" SCH 80 PIPE = 2.95 SQ. IN.
AREA OF 4" SCH 80 PIPE = 11.50 SQ. IN.
AREA OF 1 1/2" SCH 80 PIPE = 1.76 SQ. IN.
TOTAL 42.28 SQ. IN.

TOTAL REQ'D OPEN AREA OF STR ℞ IS 63.42 SQ. IN. ACTUAL OPENING OF STR ℞ AS SHOWN IS 65.94 SQ. IN.

SYM	DESCRIPTION	DATE	BY
	REVISIONS		

N.O. △ 10-13-72

APPROVALS
ABS A-1 12-28-72 Ⓐ 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

00066

SEA CHESTS

SCALE: AS SHOWN	DATE: 9/29/72	HALTER DWG. NO. S-21
DRAWN BY: Archote	CK'D BY:	SHEET 1 OF 2
HALTER HULL NO. 375, 376	HALTER JOB NO. 2187 2188	
NAVSHIPS NO. AGOR-21-120-001		REV. 0

GYRE143

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