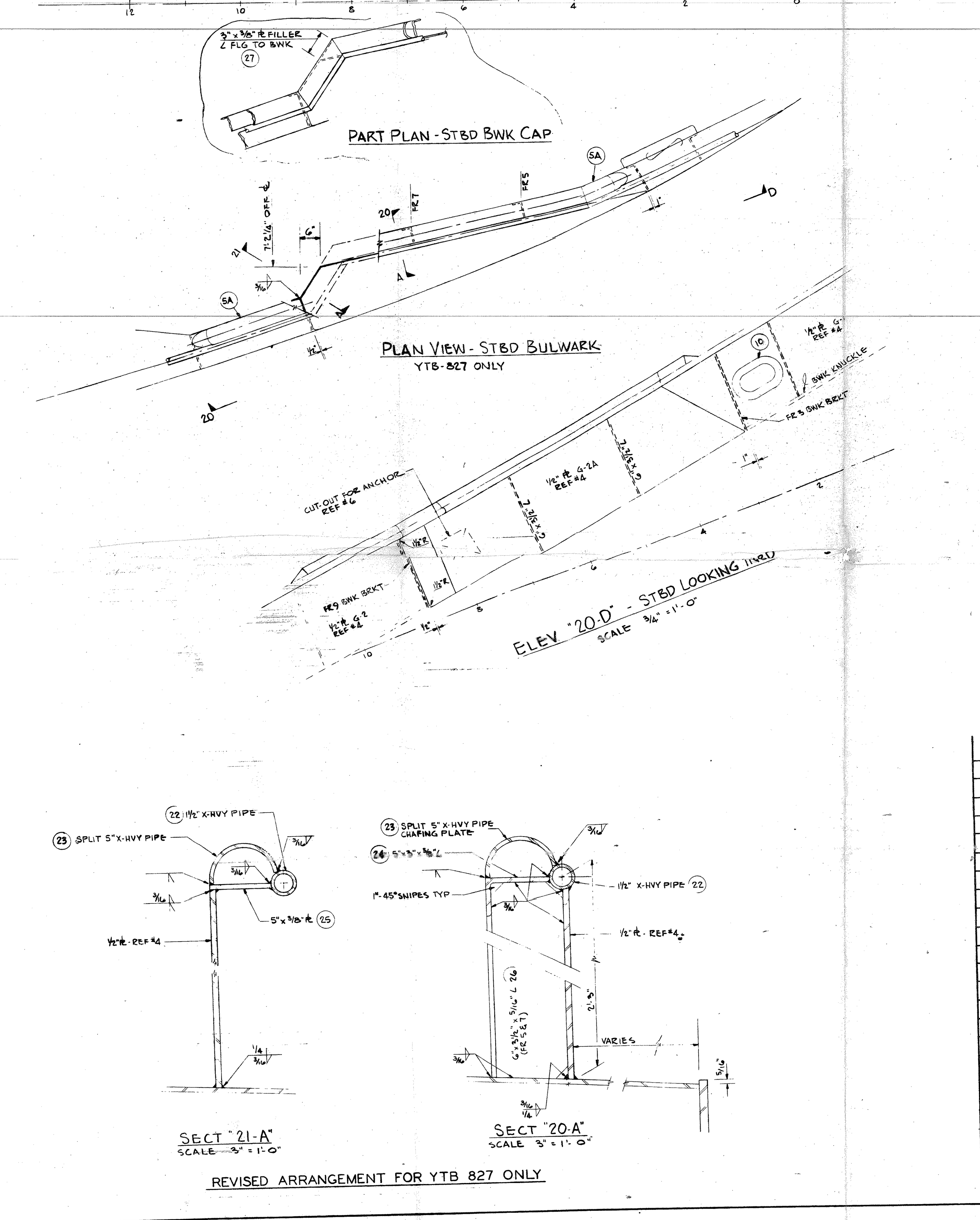
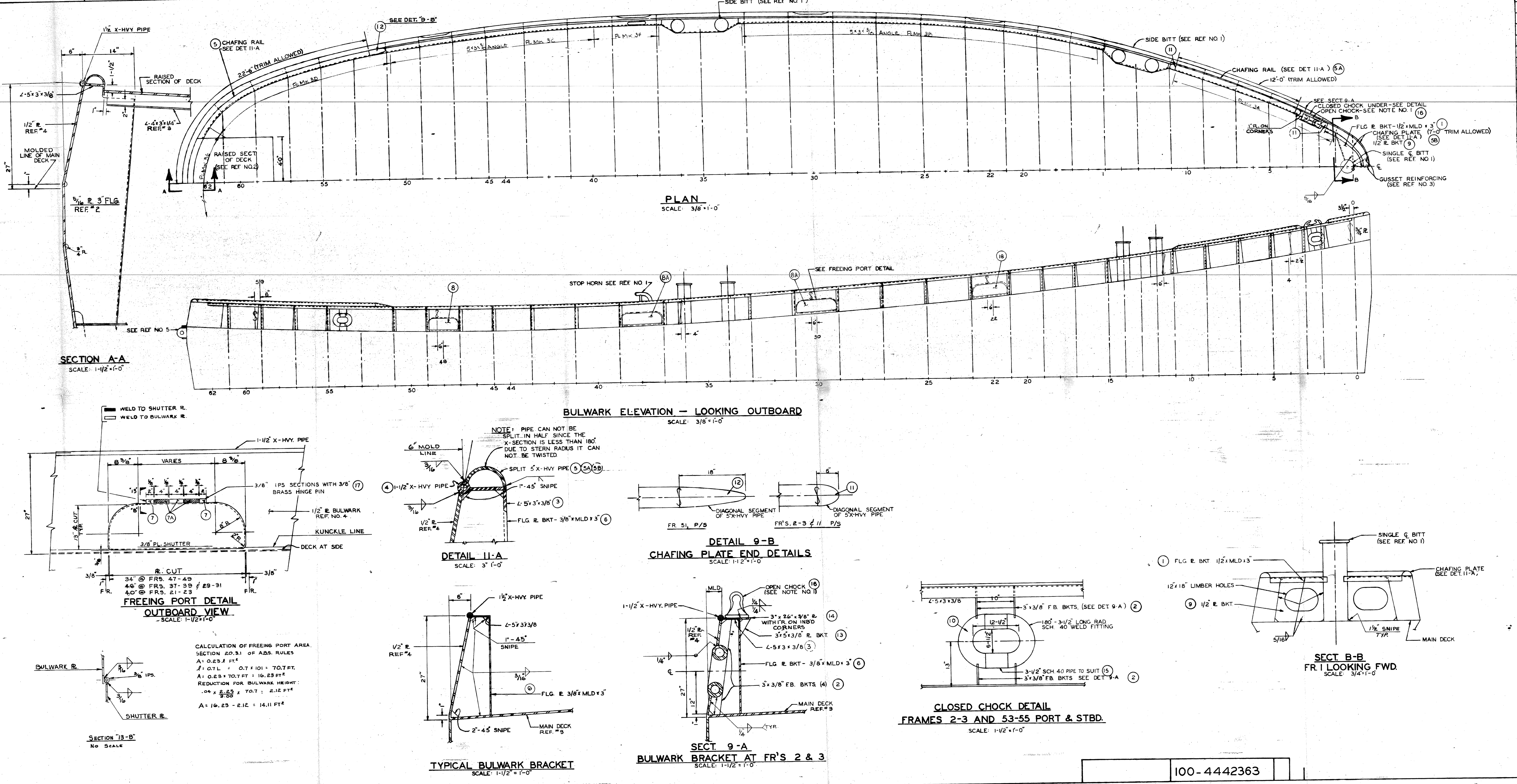


ITEM NO.	QTY. REQ.	CODE IDENT.	PART NO.	SYMBOL	DESCRIPTION	MATL	SPEC. NO.	REMARKS	GR. NO.	UNIT WT. LBS
27	1				PLATE 3" x 3/8"	STEEL	ABS RULES			
26	2				ANGLE 6" x 3 1/2" x 3/8"	STEEL	ABS RULES			
25	2 L/FT				PLATE 5" x 3/8"	STEEL	ABS RULES			
24	7 L/FT				ANGLE 5" x 3" x 3/8"	STEEL	ABS RULES			
23	9 L/FT				PIPE 5" X-HVY BLACK PIPE	STEEL	ABS RULES			
22	9 L/FT				PIPE 1 1/2" X-HVY BLACK PIPE	STEEL	ABS RULES			

PARTS LIST



REFERENCES

NO	TITLE	DRAWING NUMBER MMC	NAVSHIPS
1	MOORING & TOWING - FITTINGS	051	600-4442433
2	LONGITUDINAL FRAMING - AFT. BHD 55	002	101-4442368
3	MAIN DECK PLATING & BEAMS	005	107-4442371
4	SHELL EXPANSION	000	100-4442362
5	FENDERING - ARR & DET	052	600-4442434

REVISIONS

ZONE	LTR	DESCRIPTION	DATE CONTR	DATE USN	APPD. CONTR	APPD. USN
		THIS PLAN DEVELOPED FROM NAVSHIPS DWG. NO. 100-4382612 APPROVE BY ABS. LTR. FILE REF. T8-2 OF 3-30-72 BY E.D. SWENSON.	12-29-71		M.S.	
15-A THRU 23-H	A[1]	ADDED REVISED ARRANGEMENT FOR YTB 827 ONLY	1-17-74		D.A.K.	

GENERAL NOTES

1. OPEN CHOCKS TO BE #7 AM.STD. MARINE PLAIN CHOCK D.B.& R. DWG.NO.66.21-1 OR EQ
2. ALL WELDING TO BE IN ACCORDANCE WITH CURRENT ABS. RULES.
3. BULWARK BRKTS FWD OF FR 35 (EXCEPT AT FR. 2) FLG AFT & BRKTS AT FR 2 & AFT OF FR 35 FLG FWD.
4. MOLD LINES:
   BULWARK BRKTS AT 2, 17, & 31 THRU 61 — AFT SIDE OF ℄ (SET BRKTS FWD OF M.L.)
   BULWARK BRKTS AT 3 THRU 15, & 19 THRU 29 — FWD SIDE OF ℄ (SET BRKTS AFT OF M.L.)
   NOTE THAT THE BULWARK BRKTS LAND ON THE M.L. ON INBOARD EDGE AND ARE SET NORMAL TO THE SHELL PLATE.
   MAIN DECK — UNDERSIDE OF PLATE.

ITEM NO.	QTY. REQ.	CODE IDENT.	PART NO.	SYMBOL	DESCRIPTION	MAT'L	SPEC. NO.	REMARKS	GR NO.	UNIT WT. LBS
18	2				PLATE 3/8"	STEEL	ABS			
17	8				BAR 3/8" DIA.	BRASS				
16	2				OPEN CHOCK AM STD MARINE PLAIN CHOCK #7 OR EQ	CAST STL		SECT 9-A-G.N. #1	600	90
15	8				PIPE, 3 1/2" SCH 40	BLACK STEEL		CLOSED CHOCK DETAIL		
14	2					STEEL	"ABS RULES"			
13	4				PLATE 3/8"	STEEL	"ABS RULES"			
12	2				PIPE 5" X-HEAVY BLACK PIPE	STEEL	"ABS RULES"			
11	6				PIPE 5" X-HEAVY BLACK PIPE	STEEL	"ABS RULES"			
10	8				3-1/2" I.P.S. SCH. 40 L.R. 180° RETURN WELD FITTING	BLACK STEEL		CLOSED CHOCK DETAIL		
9	2				PLATE 1/2"	STEEL	"ABS RULES"			
8A	4				PL. 3/8"	STEEL	ABS RULES			
8	2				PL. 3/8"	STEEL	ABS RULES			
7A	24				PIPE 3/8" STD.	BL. STEEL	A53			
7	16				PIPE - 3/8 STD. BL. PIPE	STEEL	A53			
6	28P/28S				PLATE 3/8"	STEEL	"ABS RULES"			
5B	1P/1S				PIPE 5" X-HEAVY BLACK PIPE	STEEL	"ABS RULES"			
5A	1P/1S				PIPE 5" X-HEAVY BLACK PIPE	STEEL	"ABS RULES"			
5	1P/1S				PIPE 5" X-HEAVY BLACK PIPE	STEEL	"ABS RULES"			
4	240 FT.				PIPE 1-1/2" X-HEAVY - BLACK PIPE	STEEL	"ABS RULES"			
3	240 FT.				ANGLE 5" x 3" x 3/8"	STEEL	"ABS RULES"			
2	8				FLAT BAR 3/8" x 3"	STEEL	"ABS RULES"			
1	1P/1S				PLATE 1/2"	STEEL	"ABS RULES"			

PARTS LIST

WEIGHT & CENTER OF GRAVITY BLOCK

WEIGHT GROUP	WEIGHT LBS.	VCG ABOVE BL FT.	L.C.G. FWD OF ℄ FT.	L.C.G. AFT OF ℄ FT.	TRANSV. C.G. PORT FT.	TRANSV. C.G. STBD FT.
100	5945	22.06	—	1.32	—	—
600	258	25.44	32.88	—	—	—

CONTR. NO. C-0216
MARINETTE MARINE CORP.
MARINETTE, WISCONSIN

CONTRACTOR DWG NO. 001

	BY	DATE
DRAWN	R.K.	12-29-71
CHECKED	D.M.	12-29-71
APPROVED	M.S.	12-29-71

DEPARTMENT OF THE NAVY
NAVAL SHIPS SYSTEM COMMAND
WASHINGTON, D.C.

109 FT. HARBOR TUG - LARGE - YTB
YTB 760 CLASS - 816 SERIES

BULWARKS

SIZE H | CODE ID NO. 80064 | NAVSHIPS DRAWING NO. 100-4442363 | REV.

SCALE: AS SHOWN | SHEET 1 OF 1

SHT 19 OF 22

PLAN DISTRIBUTION

REVISION
NAVY ✓
ABS ✓
LOFT
ELEC.
FOREMAN
PIPE
PLATE
SHT. MTL.
PREFAB
ERECT'N
MACH.
INSPECT'N ✓
RAS

001