

## REFERENCE PLANS

[illegible]

## GENERAL NOTES

1. FOR GENERAL ARRANGEMENT AND DETAILS SEE SHEET NO.'S. 2 & 3.
2. ENTIRE STEEL DOOR TO BE GALVANIZED AFTER FABRICATION.
3. PREPARE THE SURFACE ON ALUMINUM OR STEEL DOOR AND APPLY (a) 1 COAT. OF PRETREATMENT-WASH PRIMER. (b) ON STEEL DOOR APPLY 2 COATS OF QUICK DRYING RED LEAD. (c) ON ALUMINUM DOOR APPLY 2 COATS OF YELLOW ZINC CHROMATE PRIMER, HIGH ALKYL TYPE JAN-P-735.
4. INSULATION, PC. NO. 29 SHALL BE CEMENTED TO INTERIOR OF DOOR WITH DOLPHONITE NO. 1480 OR SIMILAR WATER-PROOF ADHESIVE.
5. ESTIMATED WEIGHT OF STEEL DOOR-266 LBS., ALUMINUM DOOR-133 LBS.
6. MANUFACTURER SHALL FURNISH INSTALLATION INSTRUCTIONS WITH EACH DOOR.
7. DOORS SHALL BE INSPECTED AT THE CONTRACTOR'S PLANT FOR ADHERENCE TO THE DETAIL PLANS AND SPECIFICATIONS, STRAIGHTNESS OF DOOR PANEL AND FRAMES, FIT OF DOOR AND FRAME, AND TIGHTNESS OF THE DOOR ON THE GASKET WITH AND WITHOUT THE USE OF DOGS. THE DOORS SHALL BE INDIVIDUALLY CRATED FOR SHIPMENT.
8. DOORS SHALL BE SUBJECTED TO 30 LB. PER SQ. IN. (AT NOZZLE) WATER HOSE TEST AFTER INSTALLATION WITH DOGS CLOSED AND SHALL BE WATERTIGHT EXCEPT IN WAY OF THE LOCK AND LATCH.
9. SWING OF DOORS SHALL BE AS FOLLOWS:



10. FOR FAYING SURFACE OF THE ALUMINUM DOOR FRAME AND STEEL BULKHEAD OR VISE VERSA, COAT CLEAN ALUMINUM SURFACE WITH PRC SEAM COMPOUND PR-391-HT AND LET CURE. AT TIME OF ASSEMBLY COAT CLEAN STEEL FAYING SURFACE WITH PRC SEAM COMPOUND PR-391-HT AND FASTEN THE JOINT WITH HOOK-BOLTS. REMOVE EXCESS PRC FROM OUTSIDE JOINT.

* = SEP1A	DATE ISSUED	
0 = ORIGINAL		
PLAN DISTRIBUTION		
INDUSTRIAL DEPT.		
STRUCTURAL GROUP		
SHEPS X11 SHIPFITTER SECT.		
X12 SHEETMETAL SECT.		
X13 WELDING SECT.		
MECHANICAL GROUP		
SHEPS X21 PIPEFITTER SECT.		
X22 MACHINE SECT.		
X23 MACHINE MACHINE SECT.		
ELECTRICAL GROUP		
SHEPS X31 ELECTRICAL SECT.		
X32 ELECTRONICS SECT.		
X33 ORDINANCE SECT.		
SERVICES GROUP		
SHEPS X41 WOODWORKING SECT.		
X42 PAINT SECT.		
X43 MATERIAL HANDLG SECT.		
X44 RAILWAY/DRYING SECT.		
X45 BOAT BLDG SECT.		
ENGINEERING DIVISION		
EDPMB		
CG DISTRIBUTION		
CIMDT G-C=NE/3B		
CIMDT G-		
SCCB-3240 (SPLY-TECH SECT.)		
SCCB-4340 (FLT SUP-TECH SVCS)		
Q & A STAFF		
OTHER DISTRIBUTION		
MLC-LANT (VAD)		
MLC-PAC CV-1D		
END-		
ENGINEERING DIVISION FILES		
ALTERATION		
TOTAL		

## BILL OF MATERIAL

QUANTITIES ARE FOR ONE DOOR

			STEEL DOOR			ALUMINUM DOOR		
PC. NO.	NAME	NO. REQ'D.	MATERIAL	SPECS.	REMARKS	MATERIAL	SPECS.	REMARKS
1	FRAME WELDMENT	1	STEEL-GR. 'A'	QQ-S-766D	102 LB. PL.	ALUM. ALLOY 5086	QQ-A-250/7E	1/4" PLATE
2	DOOR	1	STEEL-GR. 'A'	QQ-S-766D	51 LB. PL.	ALUM. ALLOY 5086	QQ-A-250/7E	1/8" PLATE
3	BEARING BRACKET	2	STEEL-GR. 'A'	QQ-S-766D	51 LB. PL.	ALUM. ALLOY 5086	QQ-A-250/7E	1/8" PLATE
4	LAGGING	1	STEEL-GR. 'A'	QQ-S-766D	16 GA. (.0598")	ALUM. ALLOY 5086	QQ-A-250/7E	NO. 15 B & S. GA. (.0625")
5	STIFFENER	11'-8" LONG	STEEL-GR. 'A'	QQ-S-766D	1 1/2" X 1 1/2" X 1/8" ANGLE	ALUM. ALLOY 5456	QQ-A-200/7E	1 1/2" X 1 1/2" X 1/8" ANGLE
6	SPRING BRACKET	2	STEEL-GR. 'A'	QQ-S-766D	765 LB. PL.	ALUM. ALLOY 5086-H32	QQ-A-250/7E	3/16" PLATE
7	SPRING	2	CARBON STEEL	MIL-S-46049C	16 GA. (.0598") X 1/2" WIDE	SAME AS FOR STEEL DOOR		
8	1/4" R.H. SCREW, NUT, & LKWSR.	4	COR. RES. STEEL	QQ-S-763E	1/2" LONG	SAME AS FOR STEEL DOOR		
9	DOG BEARING	2	CARBON STEEL TYPE 1	MIL-T-16343	1 1/4" O.D. X 13/16" I.D. X 2 3/4" LONG	ALUM. ALLOY 5086-H32	WW-T-700/5E	1 1/4" O.D. X 3/16" W.T.
10	DOG	2	MANG. BRONZE CAST. - CLASS 'B'	QQ-C-390B		COR. RES. STEEL CAST. - CLASS 1	C-24707/3	SEE SHT. NO. 2
11	DOG	2	MANG. BRONZE CAST. - CLASS 'B'	QQ-C-390B		COR. RES. STEEL CAST. - CLASS 1	C-24707/3	SEE SHT. NO. 2
12	WASHER	8	BRASS - COMM.		29/32" I.D. X 1 1/4" O.D. X .09" THK.	COR. RES. STEEL	QQ-S-763E	29/32" I.D. X 1 1/4" O.D.
13	5/8" JAM NUT	4	BRASS - COMM.		5/8"-11 NC-3	COR. RES. STEEL	QQ-S-763E	5/8"-11 NC-3
14	GASKET	16 FT.	SPONGE RUBBER CORE - WIRE RE-INFORCED - NEOPRENE COVER		BRIDGEPORT FABRICS HD-603H-1	SAME AS FOR STEEL DOOR		
15	WEDGE	2	COR. RES. STEEL	QQ-S-763E		SAME AS FOR STEEL DOOR		
16	FRAME PIN-5/8" DIA.	2	COR. RES. STEEL	QQ-S-763E		SAME AS FOR STEEL DOOR		
17	3/16" D. BLIND RIVET	AS REQ'D.	COR. RES. STEEL			ALUM. COMM.		
18	SNAP RING 5100 -62W TRUARC	8	STAINLESS STEEL	COMM.	WALDES KOHINDOR CO. MFG. LONG ISLAND CITY, N.Y. (OR EQ.)	SAME AS FOR STEEL DOOR		
19	WASHER	4	BRASS	COMM.	1 1/2" O.D. X 1.004" I.D. X 1/8" THK.	COR. RES. STEEL	QQ-S-763E	1 1/2" O.D. X 1.004" I.D. X 1/8" THK.
20	HINGE BLADE	2	STEEL-GR. 'A'	QQ-S-766D		ALUM. ALLOY FORGING		
21	FRAME PAD	2	STEEL-GR. 'A'	QQ-S-766D	153 LB. PL.	ALUM. ALLOY 5086-H32	QQ-A-250/7E	3/8" PLATE
22	BUSHING (PRESS FIT IN PC. NO. 20)	2	BEAR. BRONZE		SAE NO. 64 - 5/8" I.D. X 1" O.D. X 2 1/4" LONG	MICARTA GRADE 20,007		MFG. WESTINGHOUSE ELECT. CO.
23	3/8" SOCKET HD. SCREW	2	COR. RES. STL.	QQ-S-763E	1 1/2" LONG	SAME AS FOR STEEL DOOR		
24	3/8" STANDARD HEX. NUT	2	COR. RES. STL.	QQ-S-763E		SAME AS FOR STEEL DOOR		
25	1/4" F.H. MACHINE SCREW	2	COR. RES. STL.	QQ-S-763E	1/4"-20 NC - 3 X 1" LONG	SAME AS FOR STEEL DOOR		
26	NO. 7 STOPPER - 1/4" HOLE	2	RUBBER	COMM.		SAME AS FOR STEEL DOOR		
27	CHANNEL STIFFENER	1	STEEL-GR. 'A'	QQ-S-766D	51 LB. PL.	ALUM. ALLOY 5086-H32	QQ-A-250/7E	1/8" PLATE
28	DOOR PAD	2	STEEL-GR. 'A'	QQ-S-766D	102 LB. PL.	ALUM. ALLOY 5086-H32	QQ-A-250/7E	1/4" PLATE
29	INSULATION	12 SQ. FT.	FIBROUS GLASS	CANC.	1 1/2" THK.	SAME AS FOR STEEL DOOR		
30	1/4" F.H. MACHINE SCREW	4	COR. RES. STL.	QQ-S-763E	1/4"-20 NC - 2	SAME AS FOR STEEL DOOR		
31	PANEL LIGHT	1	LAMINATED SAFETY GLASS		1/4" THK. - 8 7/8" DIA.	SAME AS FOR STEEL DOOR		
32	WEATHER STRIP (FOR PC. NO. 31)	34' LG.	RUBBER-COMM.	MIL-R-900F	INLAND MFG. CO. DIV. OF G.M. CAT. #300-SECT. #758194	SAME AS FOR STEEL DOOR		
33	FILLER STRIP (FOR PC. NO. 32)	34' LG.	RUBBER-COMM.	MIL-R-900F	FILLER NO. 33197-R	SAME AS FOR STEEL DOOR		
34	LOCK-QUADRANT TYPE 8c LEVER HANDLE WITH 2 KEYS	1	BRONZE-COMM.		M13 B - OVERBEK E-KAIN CO. BEDFORD, OHIO-MFG. (OR EQ.)	STAINLESS STL.	COMM.	SIMILAR TO M13B-OVERBEK-E-KAIN CO.
35	LOCK SUPPORTER	1	STEEL-GR. 'A'	QQ-S-766D	51 LB. PL.	ALUM. ALLOY 5086-H32	QQ-A-250/7E	1/8" PLATE
36	5/8" D. WASHER	8	BRASS	COMM.	1 1/2" O.D. X 11/16" I.D. X .102" THK.	ALUM. ALLOY	COMM.	1 1/2" O.D. X 11/16" I.D. X .102" THK.
37	5/8" D. DOOR PIN	2	COR. RES. STL.	QQ-S-763E		SAME AS FOR STEEL DOOR		

HULL NO.	CUTTER NAME	ALT	DATE S/A COMPLETED	DATE S/A CERTIFIED

## PLAN APPLICABILITY

REVISIONS					
REV	SHT	DESCRIPTION	BY	APPD	DATE
		THIS DRAWING SUPERSEDES FL-1602-48			
		U.S. COAST GUARD HEADQUARTERS	WASHINGTON, D.C. 20593		
	INITIALS	DATE	NAVAL ENGINEERING DIVISION		
DESIGN			FLEET  26' X 66" WEATHERTIGHT DOOR		
DRAWN	J.R.B.				
CHECKED					
S.W. LANK					
NAVAL ARCHITECT					
C. GERDER					
CHIEF OF SECTION					
		SIZE	FSCM CAGE NO.	U.S.C.G. DRAWING NO.	REV
U.S.C.G. APPROVAL		D	81340	FL-1602-89	
R.F.L.					
U.S.C.G. CHIEF OF DIVISION		SCALE:	AS NOTED	6.0 SQ FT	SHEET 1 OF 3