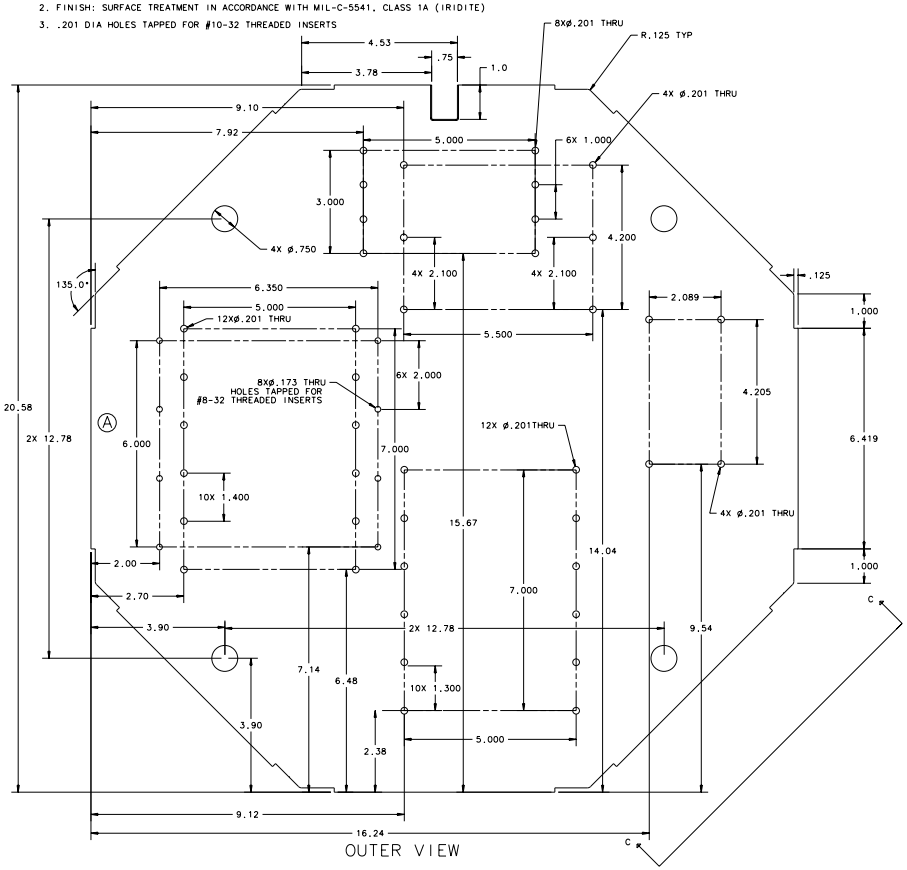
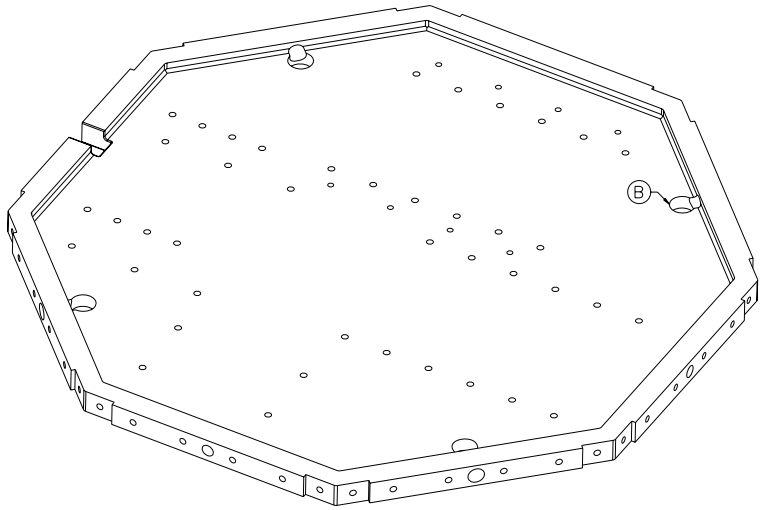
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: 6061-T6 AL ALY PER QQ-A-250/11
2. FINISH: SURFACE TREATMENT IN ACCORDANCE WITH MIL-C-5541, CLASS 1A (IRIDITE)
3. .201 DIA HOLES TAPPED FOR #10-32 THREADED INSERTS

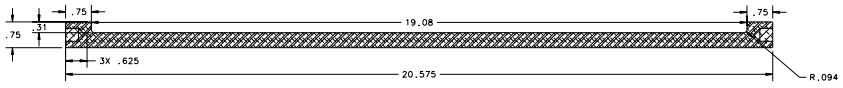
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVAL



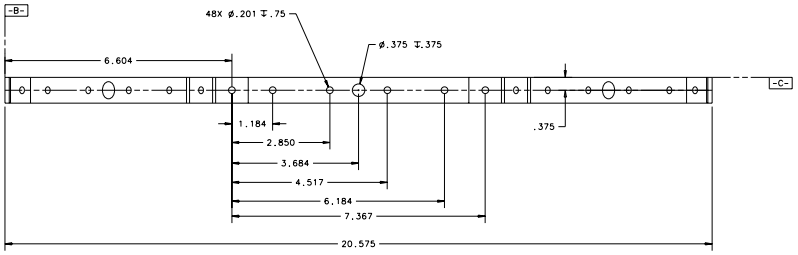
OUTER VIEW



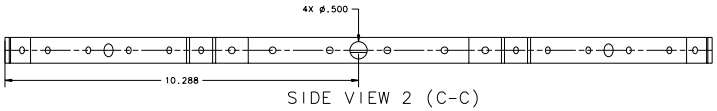
INNER ISOMETRIC VIEW



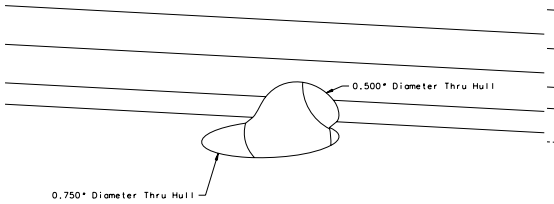
Ⓐ DECK CROSS SECTION



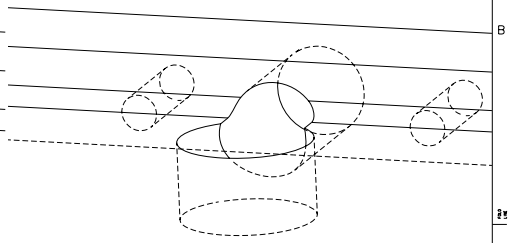
SIDE VIEW 1



SIDE VIEW 2 (C-C)



Ⓑ ANTENNA ELBOW JOINT VIEW



Ⓑ ANTENNA ELBOW JOINT (HIDDEN) VIEW

ITEM NO.	REQD	REQD	PART NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC & NO.
				PLATE	AL	SEE NOTES

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED-DIMENSIONS ARE IN INCHES
TOLERANCES: .XX ±.02 .XXX ±.005 ∠ ±1° FRACTIONS ±1/16 125 ✓
REMOVE ALL BURRS AND SHARP EDGES R .010 OR CHAMFER MAX.

☒ FLIGHT HARDWARE,POST FAB HARDNESS TEST REQ'D
☒ HARDNESS TEST NOT REQUIRED ☐ NON FLIGHT
☐ TEST HARDNESS PER ASTM E-18, LOCATION OPTIONAL
☐ TEST HARDNESS PER ASTM E-18 WHERE INDICATED ON FIELD OF DRAWING THUS ⊗
☒ NO NON-DESTRUCTIVE EXAMINATION (NDE) REQ'D
☐ NDE REQUIRED PER S-313-009 CODE

UNITED STATES NAVY	United States Naval Academy	ANNAPOLIS, MARYLAND
NAME	INIT	DATE
DESIGNER MATT SEVIER	MS	7/25/05
DRAWN MATT SEVIER	MS	7/25/05
CHECKED R. THATE		
APPROVED A. JONES		
APPROVED B. SMITH		
APPROVED-STRESS C. STEVENS		
APPROVED-ENGINEER A. JONES		

DRAWING INTERPRETED PER GSFC-X673-64-1

TITLE
DECK
OUTER

CODE	SCALE	WT	SH
E	1/8	7.2 KG	1

STR-7000 REV -A

THIS DRAWING WAS PRODUCED USING SOFTWARE: I-DEAS VERSION: 11M2
FILE NAME:

PRIMARY STRUCTURE	
STR-2000	MIDSTAR
NEXT ASSY	USED ON

F STR-7000 -A