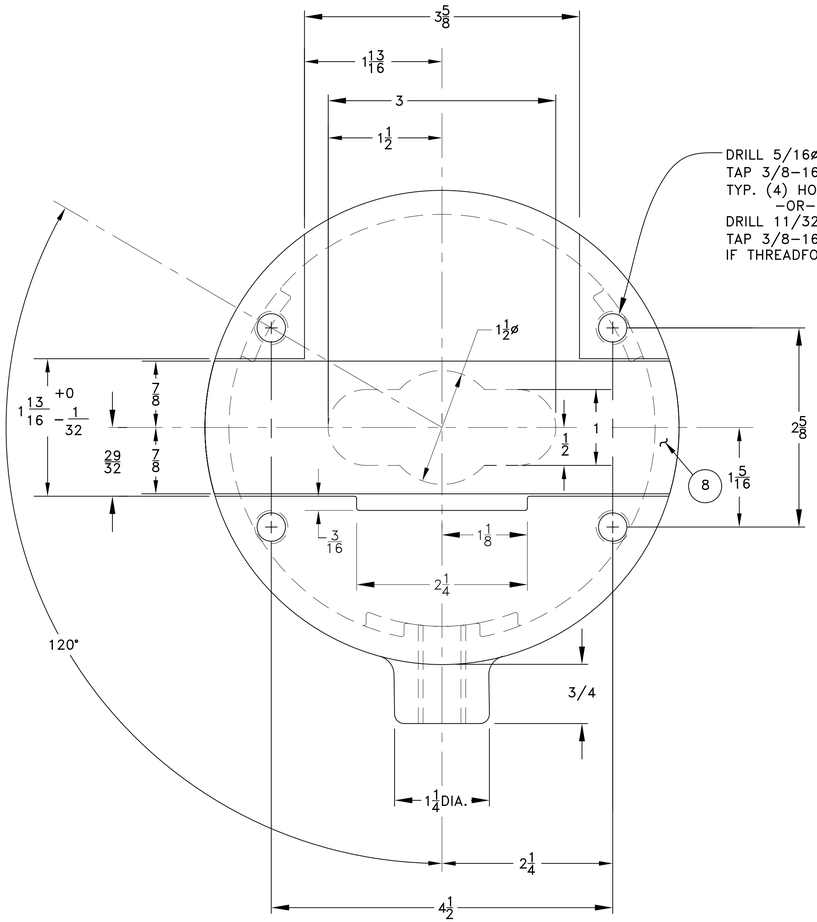
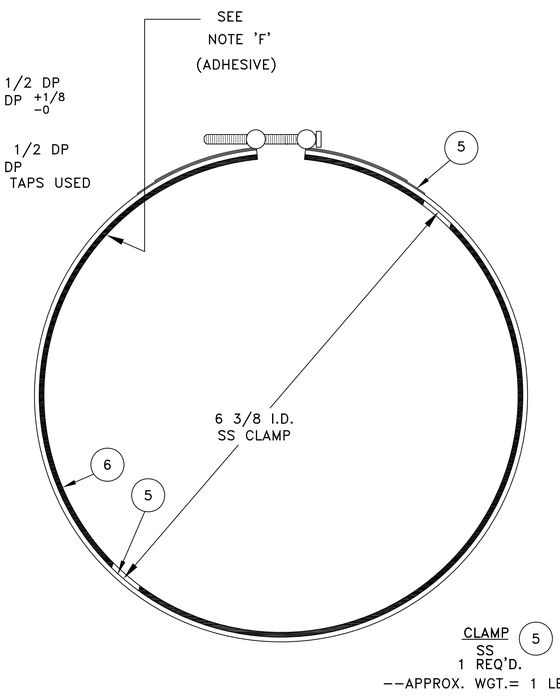
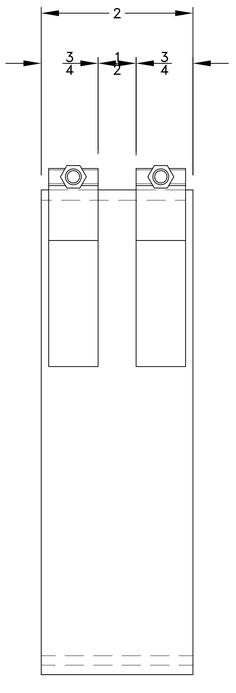
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED





CLAMP (5)
SS
1 REQ'D.
--APPROX. WGT.= 1 LB.--



BILL OF MATERIALS				
ITEM	QUAN	DESCRIPTION	MAT'L.	DETAIL DWG.NO.
1	1	TUBE CAP, ALUMINUM CASTING	ALUM. A-356-T6	D-6155-29
2	2	HOLD DOWN PLATE 1/8 X 7/8 X 3 1/2 LG.	ALUM 6061-T6	D-6155-29
3	4	SCREW, FILLISTER HD. 3/8-16 X 1 LG.	SS	D-6155-29
4	4	LOCK WASHER, 3/8	SS	D-6155-29
⚠ 5	1	CLAMP, VOSS P/N MS4001H-200-638(JAQUITH P/N L7013) OR EQUAL	SS	D-6155-29
6	1	RUBBER LINER 1/16 X 2 X 19 LG.	SILICON RUBBER	D-6155-29
7	3	SCR. #10-24 X 1/2 LG. SLOTTED HEX. HD.	SS	D-6155-29
⚠ 8	1	GASKET 1/8 X 1 3/4 X 6 1/4	NEOPRENE	D-6155-29
9	8	FLAT WASHER, SAE 3/8	ALUMINUM	D-6155-29
10	1	PIPE PLUG, 1/2 NPT	HIGH DENSITY POLYETHYLENE	D-6155-29
11	3	CABLE TIE, 4" (JAQUITH P/N L-7002)	NYLON	
12	1	SET SCREW SOCKET HEAD 1/4-20 X 1/2	SS	

NOTES:

'A': ALL ALUMINUM SHALL BE ANODIZED WITH A MATT FINISH PER MIL-A-8625-TYPE II, CLASS 1.

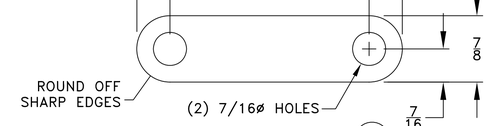
'B': SILICON RUBBER SHALL BE MIL STD.417 TYPE 1, CLASS TA-610.

'C': ROUND OFF ALL SHARP EDGES.

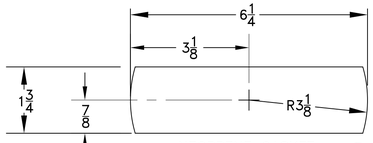
'D': BEFORE BONDING, CLEAN BONDING METAL SURFACES WITH ACETONE.

'E': FACTORY TO BOND GASKET (8) TO TUBE CAP. USE R.T.V. 118 (JAQUITH No. L-7011 or EQUAL)

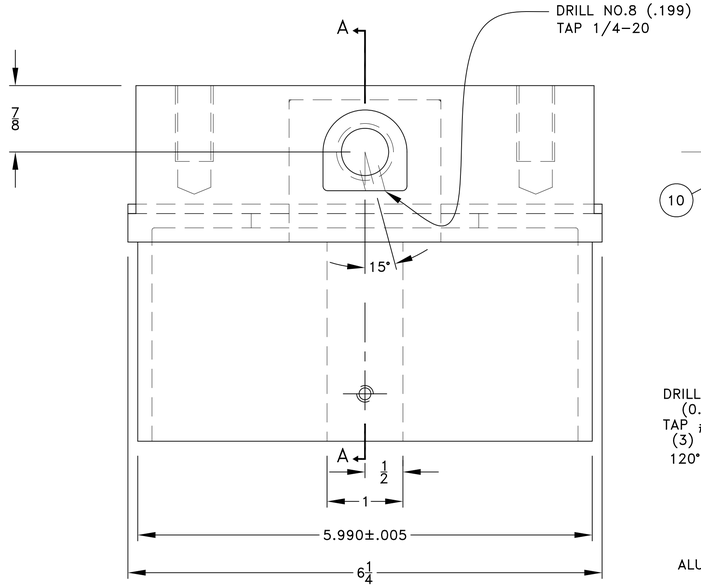
'F': FACTORY TO BOND LINER (6) TO CLAMP (5). USE R.T.V. 118 (JAQUITH No. L-7011 or EQUAL). OR USE SELF-ADHESIVE LINER.

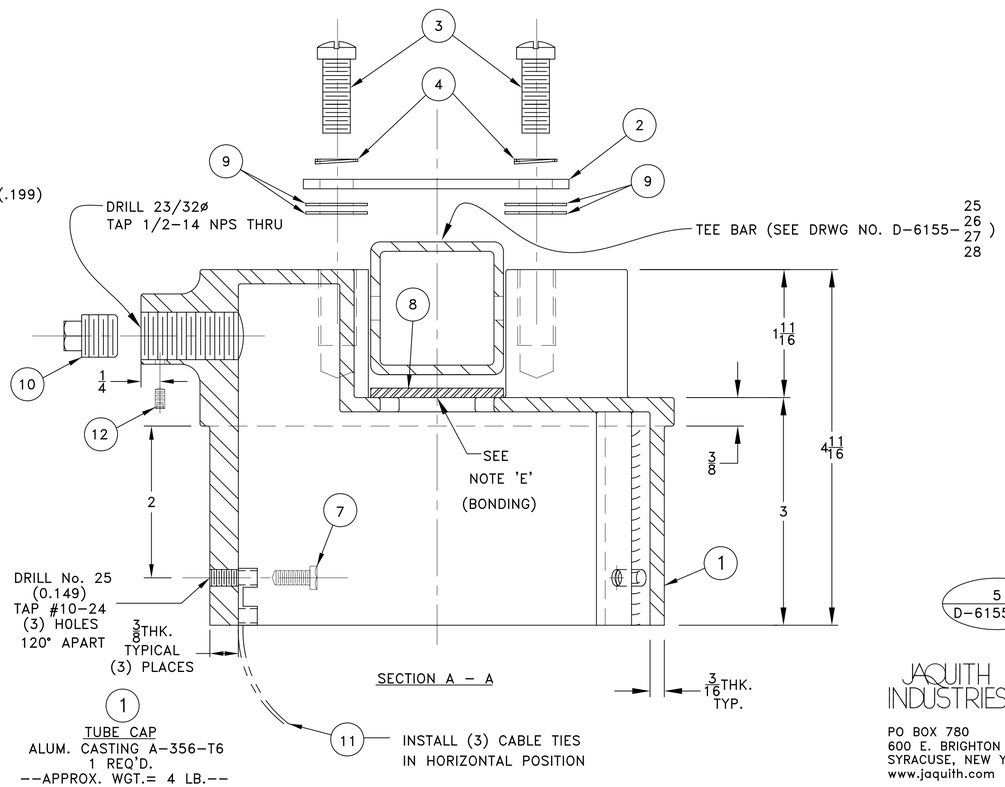


HOLD DOWN PLATE (2)
1/8 THK. ALUMINUM, 6061-T6
(2 REQ'D.)



NEOPRENE GASKET (8)
1/8 THK.
(1 REQ'D.)





SECTION A - A

1
TUBE CAP
ALUM. CASTING A-356-T6
1 REQ'D.
--APPROX. WGT.= 4 LB.--

5
D-6155-24

REV.LTR.	DATE	DESCRIPTION	CHECKED	APPROVED
F	10-31-6	MINOR REVISIONS	mJm	
E	9/08/04	ADDED NOTE FOR THREADFORMING TAPS ON 3/8-16 HOLES	R.D.P.	
D	07/03/00	REDRAWN TO AUTOCAD 2000 FORMAT-REMOVED 1 1/4" HOLE	REX	
C	10/12/92	ADD 1 1/2"ø HOLE TO SLOT CTR & 1 1/4"ø HOLE TO #8 GASKT.		
B	10/27/86	ADD NOTE ON USING SELF-ADHESIVE LINER	R.D.P.	
A	4/3/80	CHANGED TO DOUBLE TRUNION, WAS SINGLE		JA

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www.jaquith.com 315-478-5700

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON, D.C. 20591

ALSF-2 (6' - 128') & MALSR (6' - 128')
L.I.R. STRUCTURES
LIGHT MOUNTING HEIGHT 6'-1" TO 128'-0"
TUBE CAP ASSEMBLY

REVIEWED BY	SUBMITTED BY	APPROVED BY
		TECHNICAL OFFICER
DESIGNED BY	ISSUED BY	DATE-
DRAWN BY		DRAWING NO. D-6155-29
CHECKED BY		REV. LTR. F