

10. FOR SPECIFIC INFORMATION CONTACT SALES.
9. COMPLETE ASSEMBLY WEIGHT W/ DECK RING, 99.8LBS/ 45.3K.
8. DOGGING PRESSURE FULLY ADJUSTABLE.
7. HANDLE POSITION TOPSIDE INDICATES WHETHER DOGGING MECHANISM IS IN OPEN OR CLOSED POSITION.
6. ALUMINUM ALLOY MECHANISM SHOWN.
5. FLUSH, WATERTIGHT CONSTRUCTION.
4. INTEGRAL TOPSIDE "T" HANDLE STANDARD, OTHER TOPSIDE ACTUATION AVAILABLE.
3. ALUMINUM ALLOY FLANGE, FLANGE CAN BE DRILLED FOR BOLTED INSTALLATIONS OR WELDED.
2. QUICK-ACTING, MECHANISM ENGAGES OR DISENGAGES IN QUARTER-TURN OF CENTER SPINDLE.
1. 36" X 36" CLEAR OPENING, ALL DIMENSIONS SHOWN SUBJECT TO CASTING VARIATION AND ARE REFERENCE ONLY.

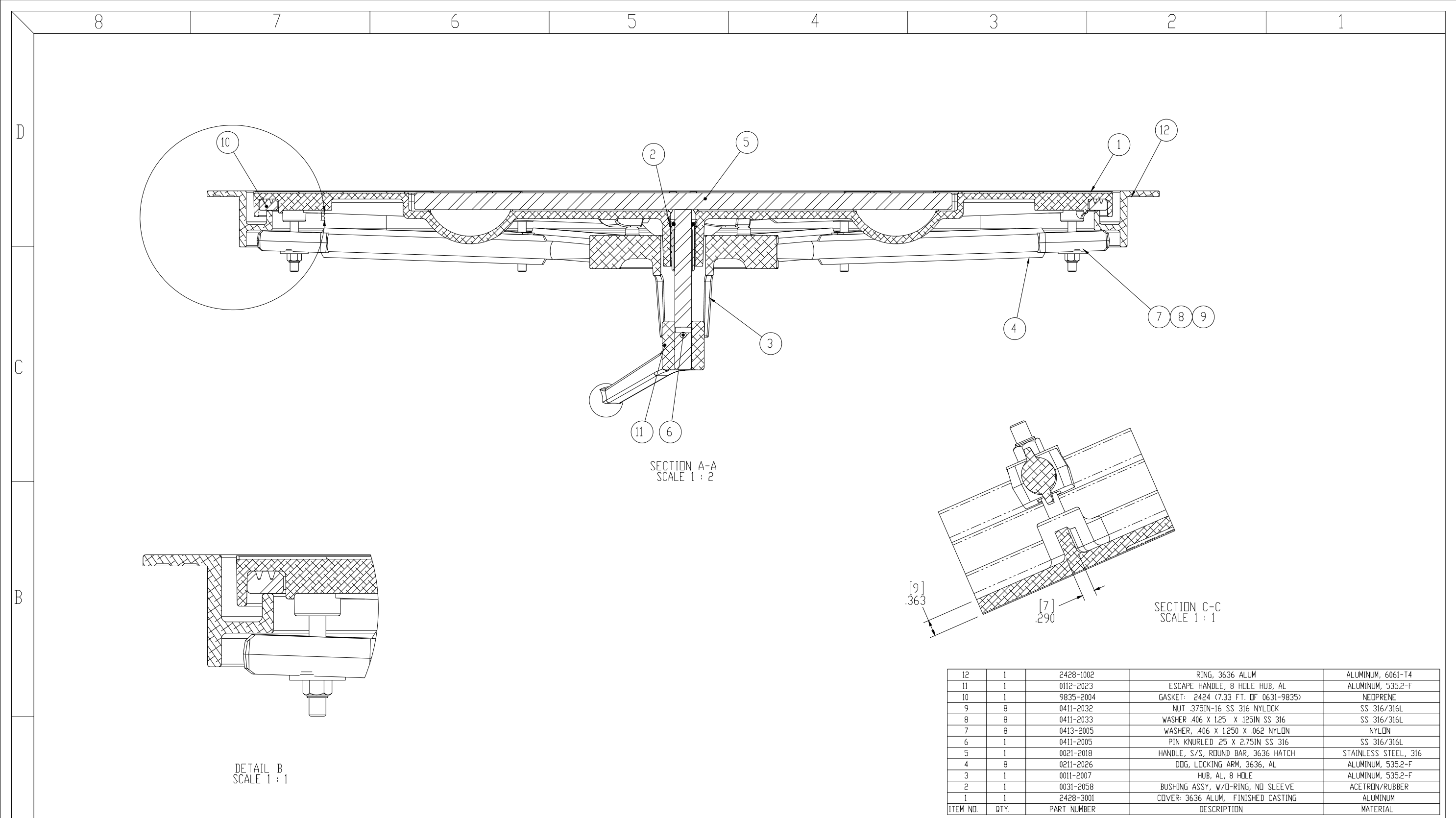
NOTES: UNLESS OTHERWISE SPECIFIED.

CUSTOMER APPROVAL

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

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				PROJECTION		28336 HUNTER CREEK ROAD GOLD BEACH, OR 97444 U.S.A. PHONE: 541-247-7078 FAX: 541-247-2114 www.freemanmarine.com	
				<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES FOR ROUGH AND CLEAR OPENING ± .125 INCH. ALL OTHERS ARE:</small> .X    .XX    .XXX    ANGLES ±.1   ±.03   ±.010   ±2°		<small>CONFIDENTIAL PROPERTY OF FREEMAN MARINE EQUIPMENT INC. UNAUTHORIZED USE, COPYING OR DISTRIBUTION IS STRICTLY PROHIBITED. POSSESSION OF THIS DOCUMENT GRANTS NO RIGHTS AND SHALL RETURN THIS DOCUMENT UPON REQUEST. © ALL RIGHTS RESERVED 2004</small>	
				<small>DO NOT SCALE DRAWING</small>		CLIENT: <b>FREEMAN MARINE</b>	
				TITLE: <b>MODEL 2428-0002-0001</b>		HATCH: <b>3636K, AL COVER, AL RING, EH</b>	
				DRAWN: <b>Z. CARPENTER</b> DATE: <b>13MAY13</b> CHECKED: <b>D. YONES</b> DATE: <b>13MAY13</b> ENGR: _____ DATE: _____ DESIGN ACTIVITY: _____ DATE: _____ CONTRACT NO: _____		SIZE: <b>D</b> CAGE CODE: <b>64747</b> DRAWING NUMBER: <b>2428-0002-0001</b> SCALE: 1:4    CALC. WT.    ACT. WT.    SHEET 1 OF 3	



SECTION A-A  
SCALE 1 : 2

SECTION C-C  
SCALE 1 : 1

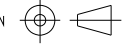
DETAIL B  
SCALE 1 : 1

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	MATERIAL
12	1	2428-1002	RING, 3636 ALUM	ALUMINUM, 6061-T4
11	1	0112-2023	ESCAPE HANDLE, Ø HOLE HUB, AL	ALUMINUM, 535.2-F
10	1	9835-2004	GASKET: 2424 (7.33 FT. DF 0631-9835)	NEOPRENE
9	8	0411-2032	NUT .375IN-16 SS 316 NYLOCK	SS 316/316L
8	8	0411-2033	WASHER .406 X 1.25 X .125IN SS 316	SS 316/316L
7	8	0413-2005	WASHER, .406 X 1.250 X .062 NYLON	NYLON
6	1	0411-2005	PIN KNURLED .25 X 2.75IN SS 316	SS 316/316L
5	1	0021-2018	HANDLE, S/S, ROUND BAR, 3636 HATCH	STAINLESS STEEL, 316
4	8	0211-2026	DOG, LOCKING ARM, 3636, AL	ALUMINUM, 535.2-F
3	1	0011-2007	HUB, AL, 8 HOLE	ALUMINUM, 535.2-F
2	1	0031-2058	BUSHING ASSY, W/O-RING, NO SLEEVE	ACETRON/RUBBER
1	1	2428-3001	COVER: 3636 ALUM, FINISHED CASTING	ALUMINUM

1. MATERIAL: SEE PARTS LIST.  
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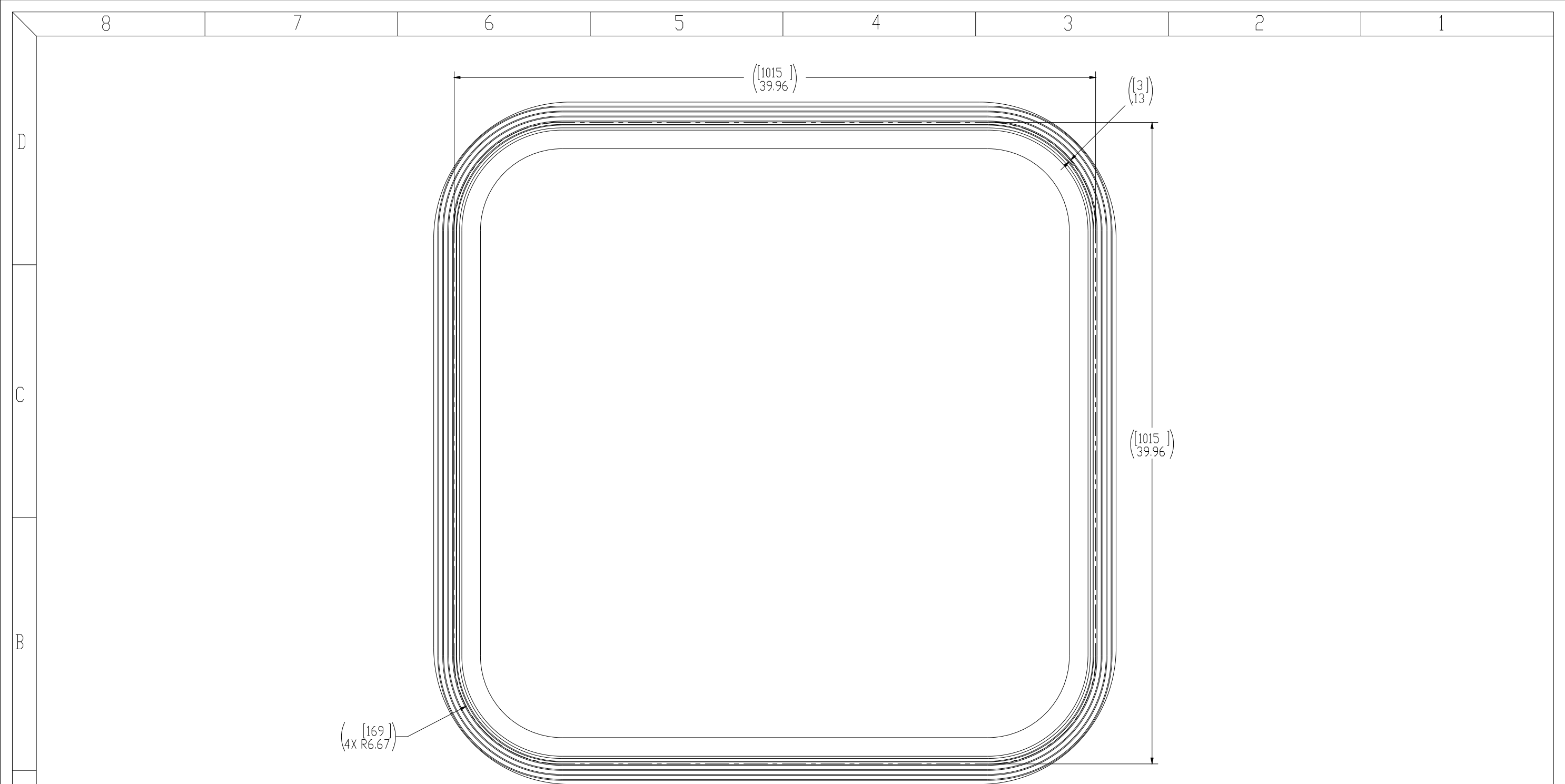
REV.	DESCRIPTION	DATE	DRAWN
A	PRODUCTION RELEASE	13MAY13	ZJC

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.X .XX .XXX ANGLES  
±.1 ±.03 ±.010 ±2\*  
DO NOT SCALE DRAWING

**FREEMAN MARINE EQUIPMENT, INC.**  
28336 HUNTER CREEK ROAD  
GOLD BEACH, OR 97444 U.S.A.  
PHONE: 541-247-7078 FAX: 541-247-2114  
www.freemarinmarine.com

CLIENT: FREEMAN MARINE  
TITLE: MODEL 2428-0002-0001  
HATCH: 3636K, AL COVER, AL RING, EH  
SIZE: D CAGE CODE: 64747 DRAWING NUMBER: 2428-0002-0001 REV. A  
SCALE: 1:4 CALC. WT. ACT. WT. SHEET 2 OF 3

CONTRACT NO. \_\_\_\_\_  
DRAWN: Z. CARPENTER DATE: 13MAY13  
CHECKED: D. YONES DATE: 13MAY13  
ENGR. \_\_\_\_\_ DATE: \_\_\_\_\_  
DESIGN ACTIVITY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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DECK CUT OUT

- 3. FINISH: 125 RMS MAX.
  - 2. BREAK SHARP EDGES AND DEBURR.
  - 1. MATERIAL: REF. S/A - B.O.M.
- NOTES: UNLESS OTHERWISE SPECIFIED.

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