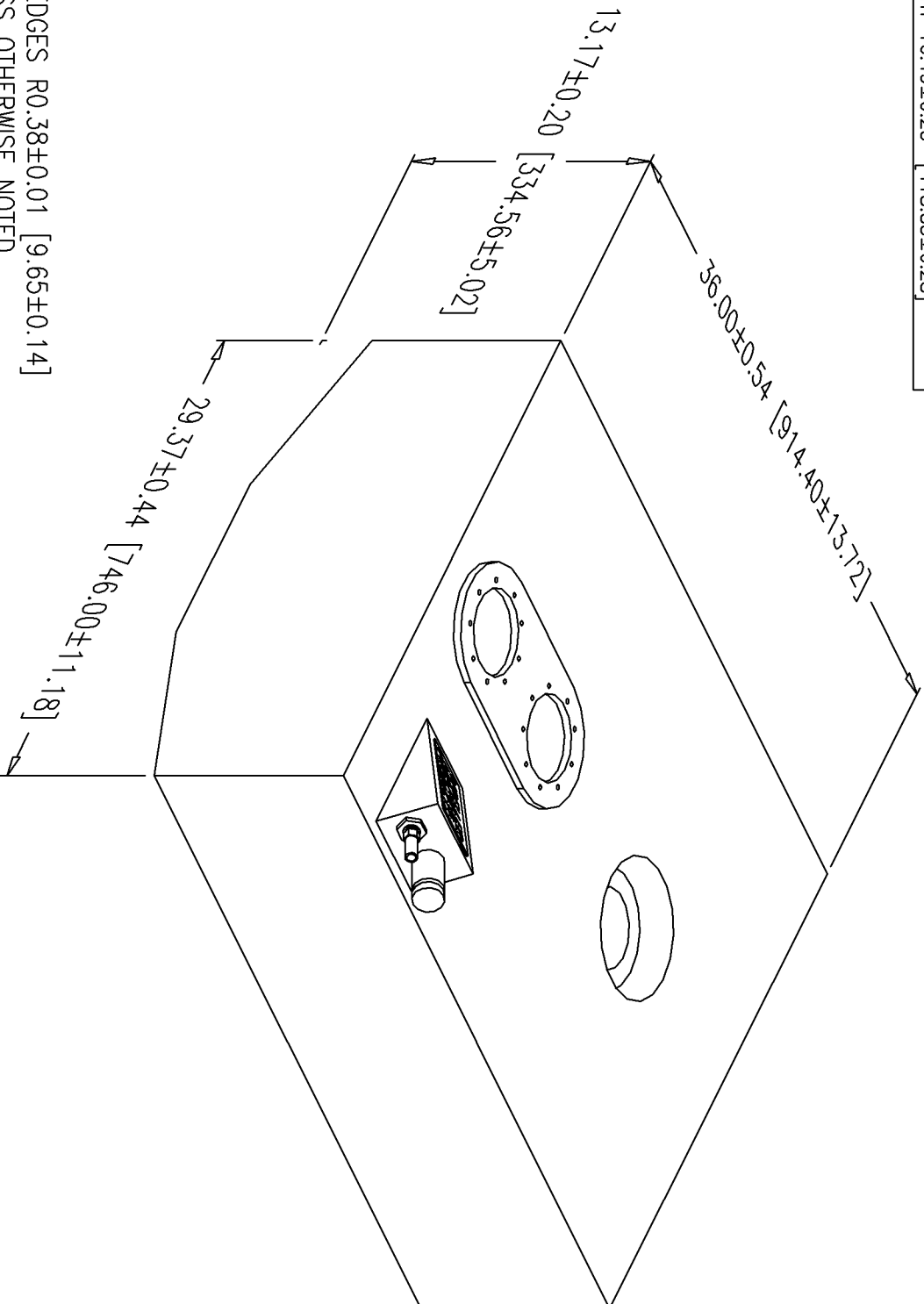


# BILL of MATERIALS

Qty.	DESCRIPTION
2	Ø4.29±0.06" [Ø108.97±0.16] DRILLED HOLES
18	Ø0.25±0.0" [Ø6.35±0.09] DRILLED HOLES
1	3/8 NPT INSERT W/ 5/8" BARB (VENT)
	MOLDED FILL
	OVERALL HEIGHT 16.49±0.25" [418.85±6.28]

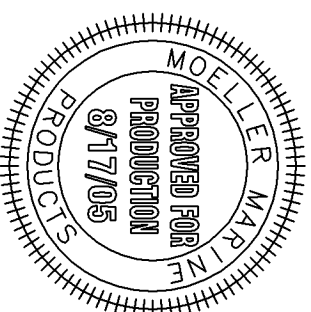
NO.	REVISION	DATE
1	MOVE DOGHOUSE, LABEL, & ROTATE FUEL PUMP.	3/30/05
2	ADD FUEL PUMP BOSS TO INSIDE DIMENSIONS	8/17/05

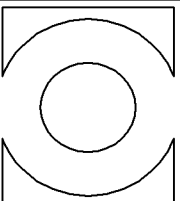


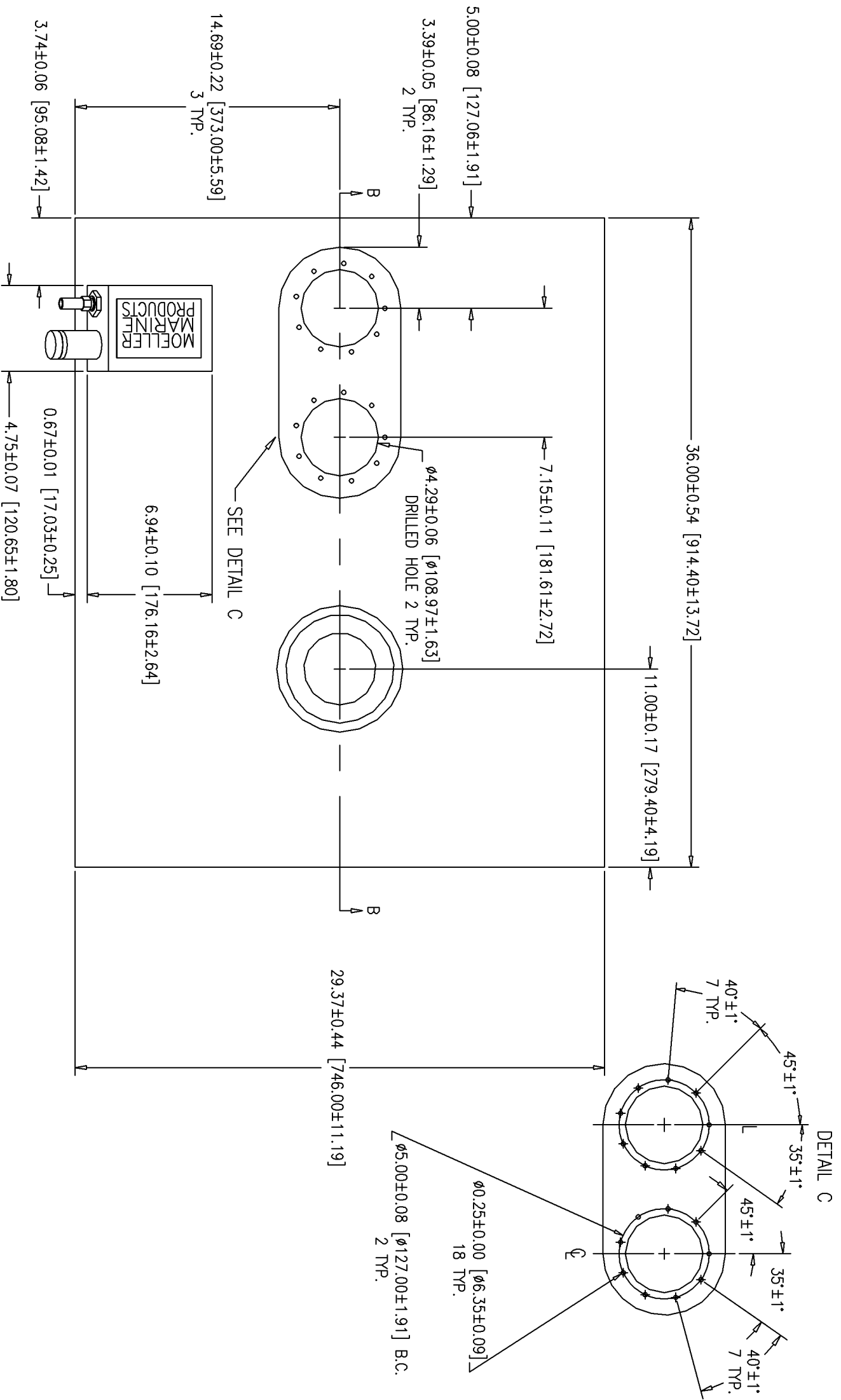
NOTE: ALL EDGES R0.38±0.01 [9.65±0.14]  
UNLESS OTHERWISE NOTED

PAGE 1 OF 7

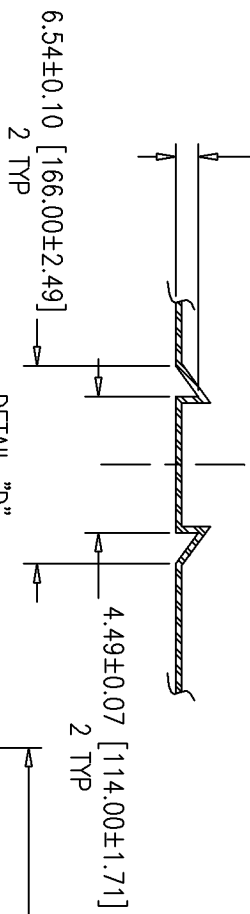
THIS DRAWING AND THE ATTACHED DRAWINGS (AND THE DATA SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE USED, DISCLOSED TO OTHERS, REPRODUCED FOR ANY PURPOSE EXCEPT FOR QUOTATION TO OR ORDER BY MOELLER MARINE PRODUCTS, INC. AND/OR ITS SUBSIDIARIES WITHOUT THEIR WRITTEN CONSENT TO THE USE OF SUCH DRAWINGS AND/OR DATA.



		DESCRIPTION	51 GALLON FUEL TANK
		PART #	FT5107
MATERIAL	CROSSLINK POLYETHYLENE	COLOR	NATURAL
TOLERANCES	±1.5% UNLESS OTHERWISE NOTED	DATE	8/17/05
WALL THK.	0.235" NOMINAL	DATE	8/17/05
DRAWN BY	MOELLER ENGINEERING		



0.75±0.01 [19.00±0.28]  
2 TYP



4.49±0.07 [114.00±1.71]  
2 TYP

6.54±0.10 [166.00±2.49]  
2 TYP

DETAIL "D"

36.00±0.54 [914.40±13.72]

14.69±0.22 [373.00±5.59]

SEE DETAIL "D"

30°±1'  
4 TYP.

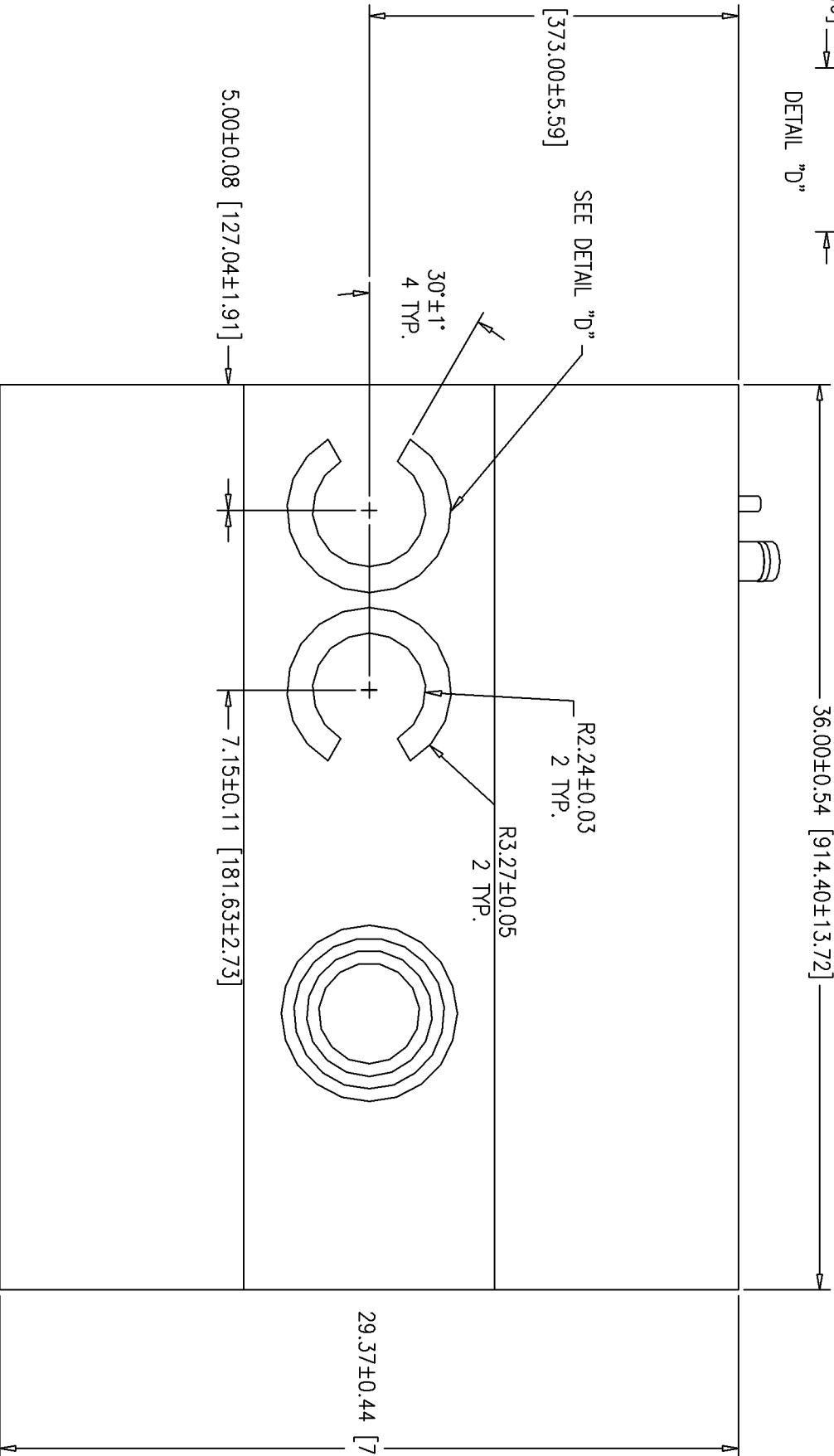
R2.24±0.03  
2 TYP.

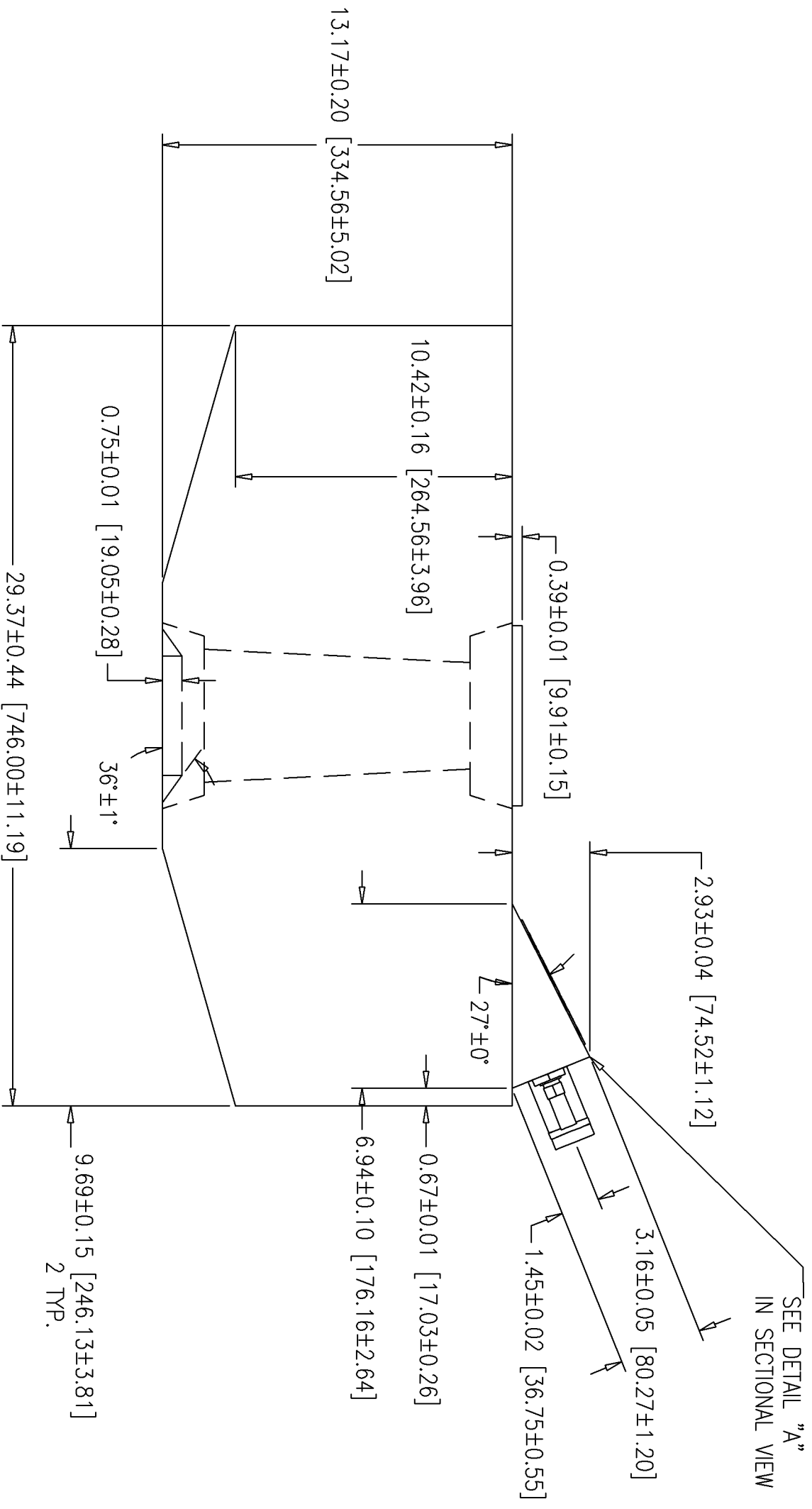
R3.27±0.05  
2 TYP.

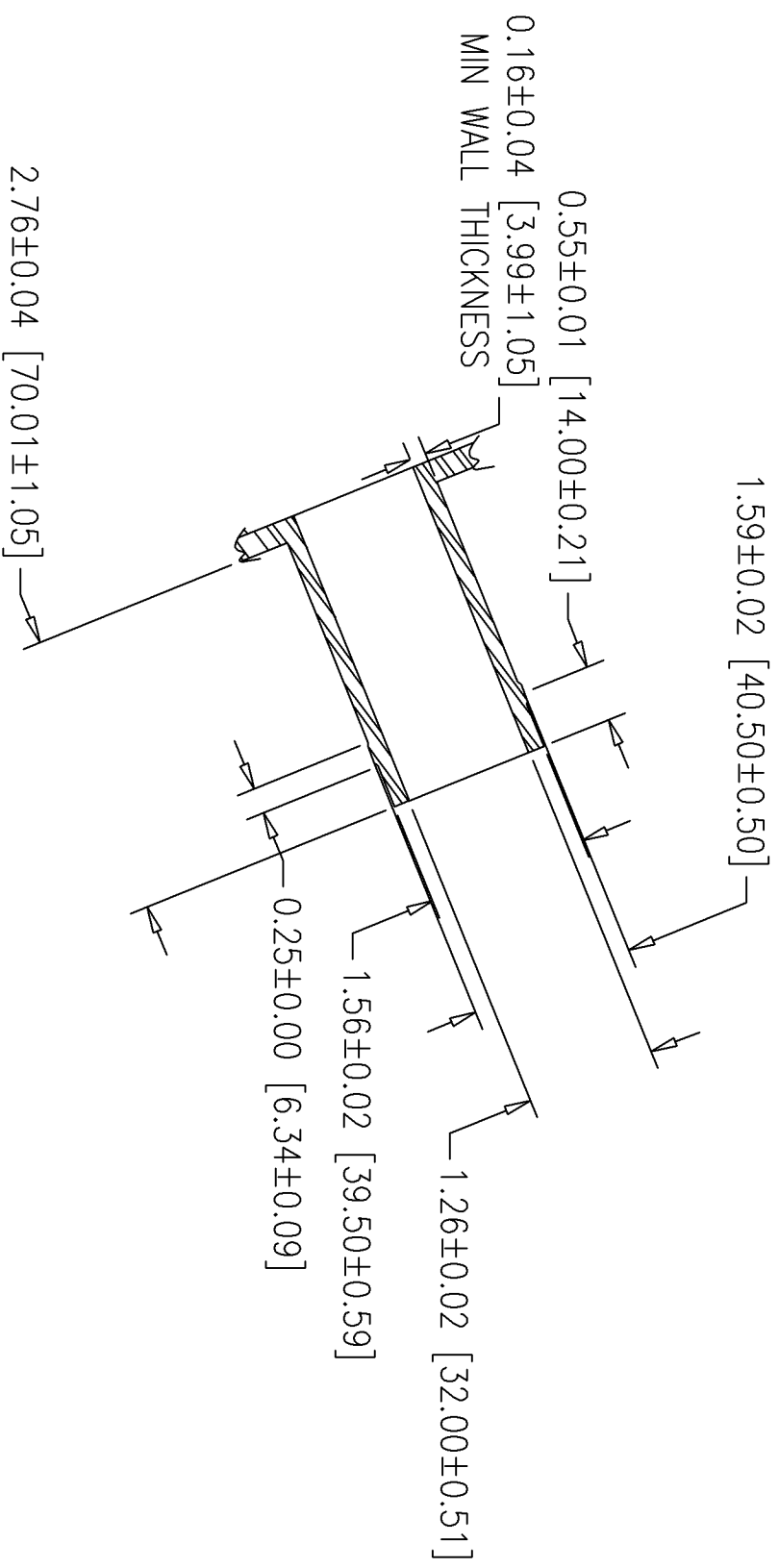
5.00±0.08 [127.04±1.91]

7.15±0.11 [181.63±2.73]

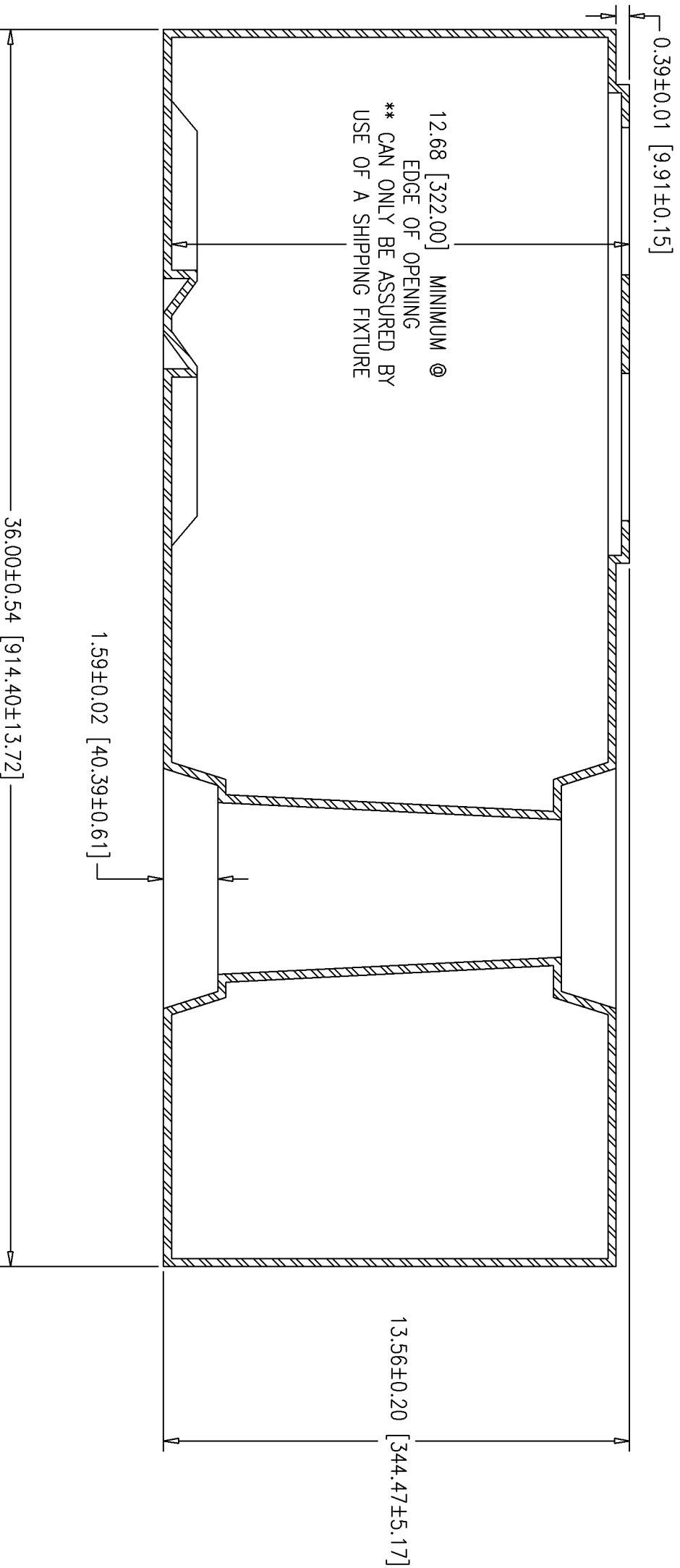
29.37±0.44 [746.00±11.18]







DETAIL "A"  
 FILL DETAILS



SECTION B-B VIEW  
8/17/05

NOTES:

1. MUST COMPLY WITH ALL APPLICABLE U.S. COAST GUARD, AMERICAN BOAT & YACHT COUNCIL, & ISO SMALL CRAFT STANDARDS. MORE SPECIFICALLY, THE FOLLOWING SECTIONS APPLY:  
U.S. COAST GUARD, CODE OF FEDERAL REGULATIONS: 33 CFR 183.510, 183.580, 183.586, 183.590  
STANDARDS AND RECOMMENDED PRACTICES FOR SMALL CRAFT: ABYC H-24
2. TANK SHALL BE FREE OF ALL FOREIGN MATTERS.
3. REMOVE ALL FLASH, BURRS, & SHARP EDGES.
4. MAXIMUM PARTING LINE MISALIGNMENT OF 1.9MM.  
EXCEPT AROUND THE NECK.
5. OVERALL WALL THICKNESS: 4.0MM MINIMUM
6. DRAFT ANGLE: 1.5° MAXIMUM
7. MANUFACTURER MUST ALLOW THE POSSIBILITY TO CHANGE PART NUMBER IN THE NEXT YEARS.
8. ALL UNSPECIFIED RADIUS 9.65 R.
9. THE LABEL IS TO INCLUDE THE FOLLOWING INFORMATION:
  - A) MANUFACTURER'S NAME & ADDRESS
  - B) MONTH & YEAR OF MANUFACTURE
  - C) CAPACITY IN U.S. GALLONS & LITERS
  - D) MATERIAL SPECIFICATION & WALL THICKNESS
  - E) FUEL TYPE FOR WHICH THE TANK IS MANUFACTURED
  - F) MAXIMUM RECOMMENDED TEST PRESSURE OF 3 PSI
  - G) MANUFACTURER'S MODEL NUMBER
  - H) MANUFACTURER'S SERIAL NUMBER
  - I) THE STATEMENT: "THIS TANK HAS BEEN TESTED UNDER 33 CFR 183.510(d)"
  - J) NMMA CERTIFICATION LOGO