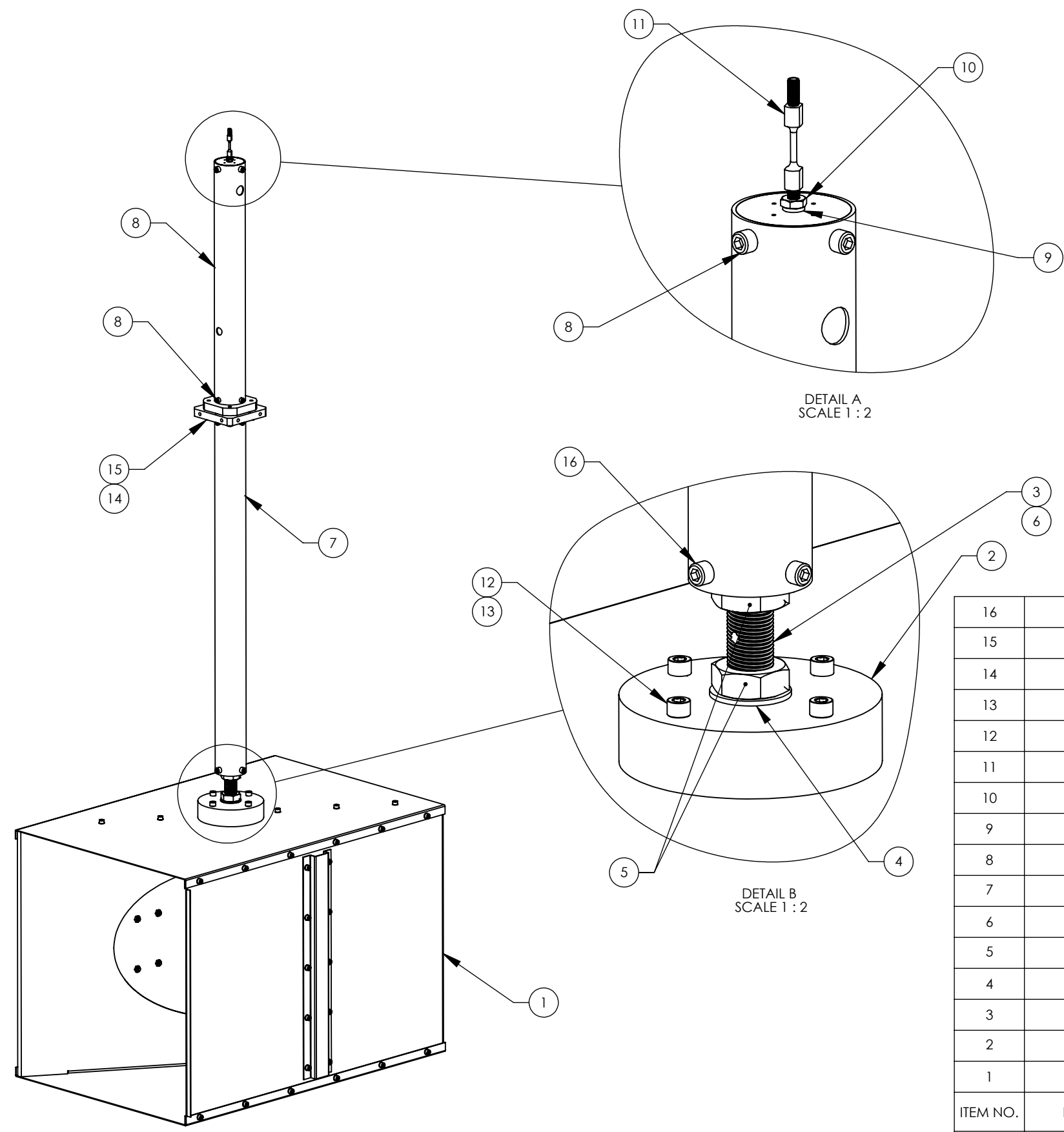


D1003276_AdlIGO_AOS_ITM Elliptical Baffle Right Assy, PART PDM REV: X-004, DRAWING PDM REV: X-003

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 13 DEC 2010 | E1000855 | - |
| - | - | - | - |
| - | - | - | - |



| ITEM NO. | PART NUMBER | DESCRIPTION | MATERIAL | Defa ult/RE Q | SPARE | TOTAL |
|----------|-------------|--|--------------|---------------------|-------|-------|
| 16 | - | SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.5 LONG, FULLY THREADED | 300 SSSL | 4 | | 0 |
| 15 | 92200A542 | Screw, Socket Head Cap, 1/4-20 UNC-2A x 1.00 lg. | 300 SSSL | 4 | | 0 |
| 14 | 90945A760 | Washer, Flat, .25 x .47 OD, 300 SSSL, Nas620-C416L | | 4 | | 0 |
| 13 | 91240A029 | Nut, Hex, .25-20, 300 SSSL | | 4 | | 0 |
| 12 | 92200A546 | SHCS, .25X20 X 1.50 LG., 300 SSSL | | 4 | | 0 |
| 11 | D1002340 | SLC ACB SUSPENSION ROD | 316 SSSL | 1 | | 0 |
| 10 | - | HEX NUT, #10-24 | 300 SSSL | 1 | | 0 |
| 9 | - | WASHER, FLAT, #10 (NAS 620-C10 OR EQUIVALENT) | 300 SSSL | 1 | | 0 |
| 8 | D1002582 | SLC BAFFLE TUBE UP ASSEMBLY | N/A | 1 | | 0 |
| 7 | D1002850 | ITM Elliptical Down Tube Assy | N/A | 1 | | 0 |
| 6 | D1000684 | SLC TUBE LOWER MTG PLATE | 6061-T6 Al | 1 | | 0 |
| 5 | N-7516-A | HEX NUT # 3/4-16, UC COMP | Ag 18-8 SSSL | 2 | | 0 |
| 4 | 98017A220 | WASHER #3/4, MCMASTER | 300 SSSL | 1 | | 0 |
| 3 | D1001186 | SCREW #3/4-16 X 4_McMaster 92198A390 | 18-8 SSSL | 1 | | 0 |
| 2 | D1002816 | ITM Elliptical Baffle Tube Mount | 6061-T6 Al | 1 | | 0 |
| 1 | D1002750 | ITM ELLIPTICAL BAFFLE SKIN ASSY | N/A | 1 | | 0 |

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES, R.02 MIN.
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN
 TOLERANCES:
 .XX ±
 .XXX ±
 ANGULAR ± °

MATERIAL N/A FINISH N/A μinch NEXT ASSY D1003238

PARTS LIST

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM SUB-SYSTEM PART NAME

ITM ELLIPTICAL BAFFLE RIGHT ASSY

DESIGNER M.RUIZ 30 OCT 2010 SIZE DWG. NO. B D1003276 REV. v1
 DRAFTER M.RUIZ 10 DEC 2010
 CHECKER
 APPROVAL

SCALE: 1:8 PROJECTION: SHEET 1 OF 1