**NOTES:**

1. HOLE TO HOLE TOLERANCE ±0.06
2. CALCULATED AVERAGE ULTIMATE VERTICAL LOAD = 4,000 LBS
3. CALCULATED AVERAGE ULTIMATE LONGITUDINAL LOAD = 1,750 LBS
4. CALCULATED AVERAGE ULTIMATE TRANSVERSE TENSION LOAD = 21,250 LBS
5. CALCULATED AVERAGE ULTIMATE TRANSVERSE COMPRESSION LOAD = 20,500 LBS
6. GEOTEK RECOMMENDS THAT MAXIMUM WORKING LOAD IS NOT TO EXCEED 50% OF CALCULATED ULTIMATE LOAD
7. TORQUE ALL FASTENERS TO 85-135 FT-LBS

**ITEM NO.** | **PART NUMBER** | **DESCRIPTION** | **QTY.** |
--- | --- | --- | --- |
1 | FB-103-4000-2 | BEAM, PULTRUCED STOCK, SERIES 4000 x 103 in, GRAY | 1 |
2 | TG0813-0334 | BUSHING | 3 |
3 | TG0813-0333 | BUSHING | 3 |
4 | ROAM | - | 1 |
5 | EC-40-0066-2 | END CAP, SERIES 4000, GRAY | 2 |
6 | DYM-AA | MOUNT, DAVIT ARM, INSTALLATION VIEW | 1 |
7 | SW0813-0005 | SQUARE WASHER, 13/16 in x 3-1/4 in | 2 |
8 | BC-0223 | BRACKET, DEADEND TEE | 1 |
9 | HB0750-0003 | HEX BOLT, 3/4 in - 10 x 6 in | 3 |
10 | HB0750-0004 | HEX BOLT, 3/4 in - 10 x 8 in | 3 |
11 | LW0750-0001 | LOCK WASHER, 3/4 in | 6 |
12 | HN0750-0001 | HEX NUT, 3/4 in - 10 | 6 |

**SECTION A-A**

**SCALE 1:12**

**SECTION B-B**

**SCALE 1:12**

**HORIZONTAL CLEARANCE LENGTH FROM FRONT FACE OF MOUNT**

**SCALE 1:36**

**INSTALLATION VIEW**

**ÚNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. INTERPRET DIM AND TOL PER ASME Y14.5-2009.**

**TWO PLACE DECIMAL 0.02**

**THREE PLACE DECIMAL 0.005**

**CUSTOMER SIGNATURE:**

**DATE:**

**STATE:**

**DRAWN:**

**CHECKED:**

**APPROVED:**

**REV.**

**DESCRIPTION**

**DATE**

**INITIALS**

**REV. DESCRIPTION**

**DATE**

**INITIALS**

**0.1 REPLACE PL-0091 WITH MULTIPLE SW0813-0005 AND UPDATE LOAD RATINGS 2018-10-25 NDH**

**0.2 REPLACE HB0750-0016 WITH HB0750-0006 2019-03-20 NDH**

**DIMENSIONS ARE IN INCHES. INTERPRET DIM AND TOL PER ASME Y14.5-2009.**

**TWO PLACE DECIMAL 0.02**

**THREE PLACE DECIMAL 0.005**

**CUSTOMER SIGNATURE:**

**DATE:**

**STATE:**

**DRAWN:**

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**APPROVED:**

**REV.**

**DESCRIPTION**

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