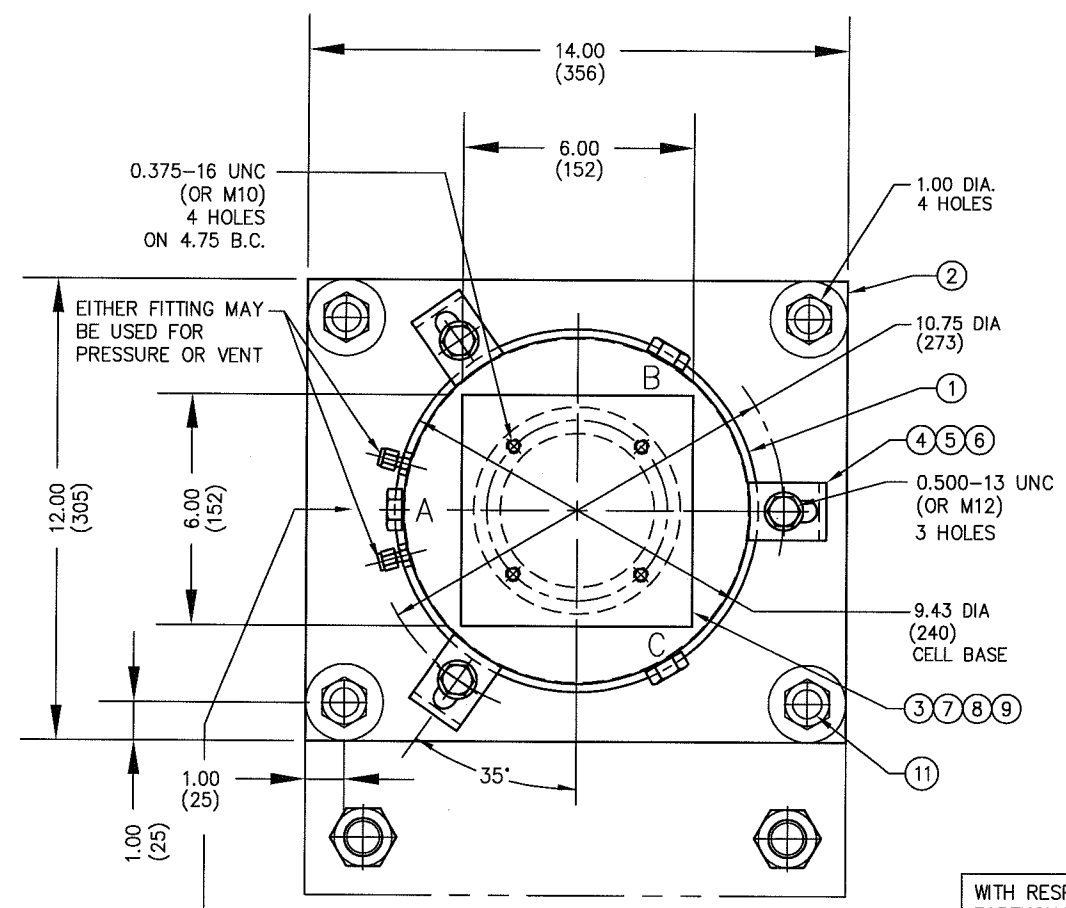
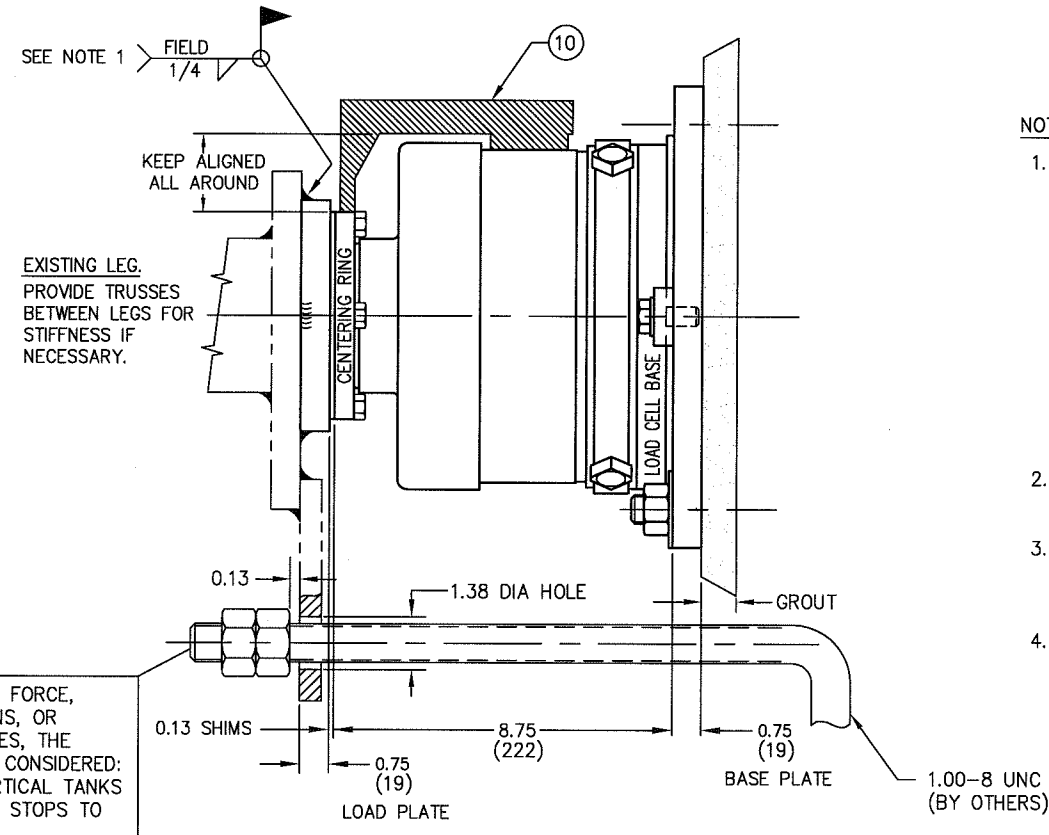


| ITEM NO. | DESCRIPTION | QTY | MATERIAL | UNIT WT. | PART NO. | SIZE | WT. |
|----------|----------------|-----|------------|----------|----------------------------|----------------|--------------|
| 1 | LOAD CELL | 1 | SS 304 | | D-29547-1,-2 | 136-50.0/75.0 | 41.28 SQ.IN. |
| 2 | BASE PLATE | • 1 | A/R | | B-29953 | | |
| 3 | LOAD PLATE | • 1 | A/R | | A-31522-1 | | |
| 4 | HEX HEAD SCREW | 3 | SS 304 | | 0.500-13 UNC X 1.25 | | |
| 5 | WASHER | 3 | SS 304 | | 0.500 ID X 1.06 OD MS15795 | | |
| 6 | CLAMP | 3 | CS/ZINC PL | | A-29870-2 | | |
| 7 | SHIM | 2 | SS 304 | | A-29869-1 | 0.06 THICK | |
| 8 | CENTERING RING | 1 | CS | | B-29871 | | |
| 9 | HEX HEAD SCREW | 4 | SS 304 | | 0.375-16 UNC X 1.25 | | |
| 10 | ALIGNMENT GAGE | 1 | ALUM | | B-30305-1 | | |
| 11 | ANCHOR BOLT | • 4 | CS | | KB 11 34-7 | HILTI OR EQUAL | |

• SUPPLIED OPTIONALLY



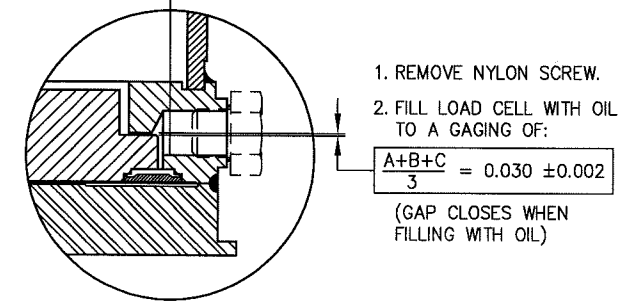
E



NOTES:

1. TO ASSURE ALIGNMENT OF LOAD CELL CENTERING RING TO LOAD CELL BASE, THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED: CENTER LOAD CELL ON BASE PLATE WITH RESPECT TO CLAMP HOLD DOWN HOLES. CLAMP CELL IN POSITION USING CLAMPS, BOLTS AND WASHERS PROVIDED. BOLT LOAD PLATE, SHIMS AND CENTERING RING TOGETHER AND SET ON LOAD CELL. CENTER LOAD CELL BASE WITH RESPECT TO CENTERING RING USING ALIGNMENT GAGE. LOWER STRUCTURE ONTO LOAD PLATE AND WELD IN PLACE. IF REQUIRED, LOOSEN CLAMP BOLTS AND REALIGN CELL. RETIGHTEN CLAMP BOLTS.
2. BOTTOM OF LOAD PLATE MUST BE FLAT OVER ENTIRE CELL HEAD AREA.
3. TOP OF ALL BASE PLATES MUST BE FLAT OVER ENTIRE CELL AREA, LEVEL, AND ON A COMMON PLANE TO MINIMIZE SHIMMING.
4. INSTALL LOAD CELL WITH FITTINGS ACCESSIBLE TO FACILITATE TUBING AND PURGING.

WITH RESPECT TO WIND FORCE, EARTHQUAKE CONDITIONS, OR OTHER EXTERNAL FORCES, THE FOLLOWING SHOULD BE CONSIDERED: TALL AND NARROW VERTICAL TANKS MAY REQUIRE VERTICAL STOPS TO PREVENT OVERTURNING.



| | | | |
|-----|-----------------------|---------|-----|
| E | B-30305-1 WAS B-30305 | 5/4/04 | CBM |
| D | ITEM 9 WAS 1.50 | 9/16/99 | JDS |
| C | NTEP ADDED | 5/7/97 | JDS |
| B | CENTERING RING ADDED | 1/13/96 | JDS |
| A | CAD REDRAWN | 12/3/95 | JDS |
| LTR | REVISION | DATE | BY |

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ALL SHARP CORNERS AND EDGES TO BE BROKEN
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DECIMALS FRACTIONS ANGLES
.XX = ± .010 ± ±
.XXX = ± .005 ± ±
DRAWN JDS DATE 12/3/95
CHECKED DATE
ACAD FILENAME: AC00330
LAYERS USED: 45,46

NTEP CERT NO. 88-239-PA1

EMERY WINSLOW SCALE COMPANY
SEYMOUR, CT. U.S.A. TERRE HAUTE, IN.

INSTALLATION OF SELF-CHECKING
HYDROSTATIC COMPRESSION LOAD CELL ON CONCRETE
MODEL 136-30/50/75CH
30000/50000/75000 lb CAPACITY

| | | | |
|-------|---------------|-------------|------|
| SCALE | FIRST USED ON | DRAWING NO. | REV. |
| 1:5 | | B-34656 | E |