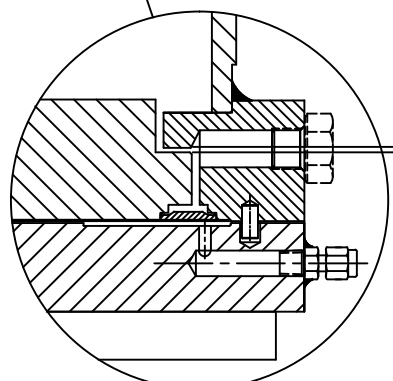
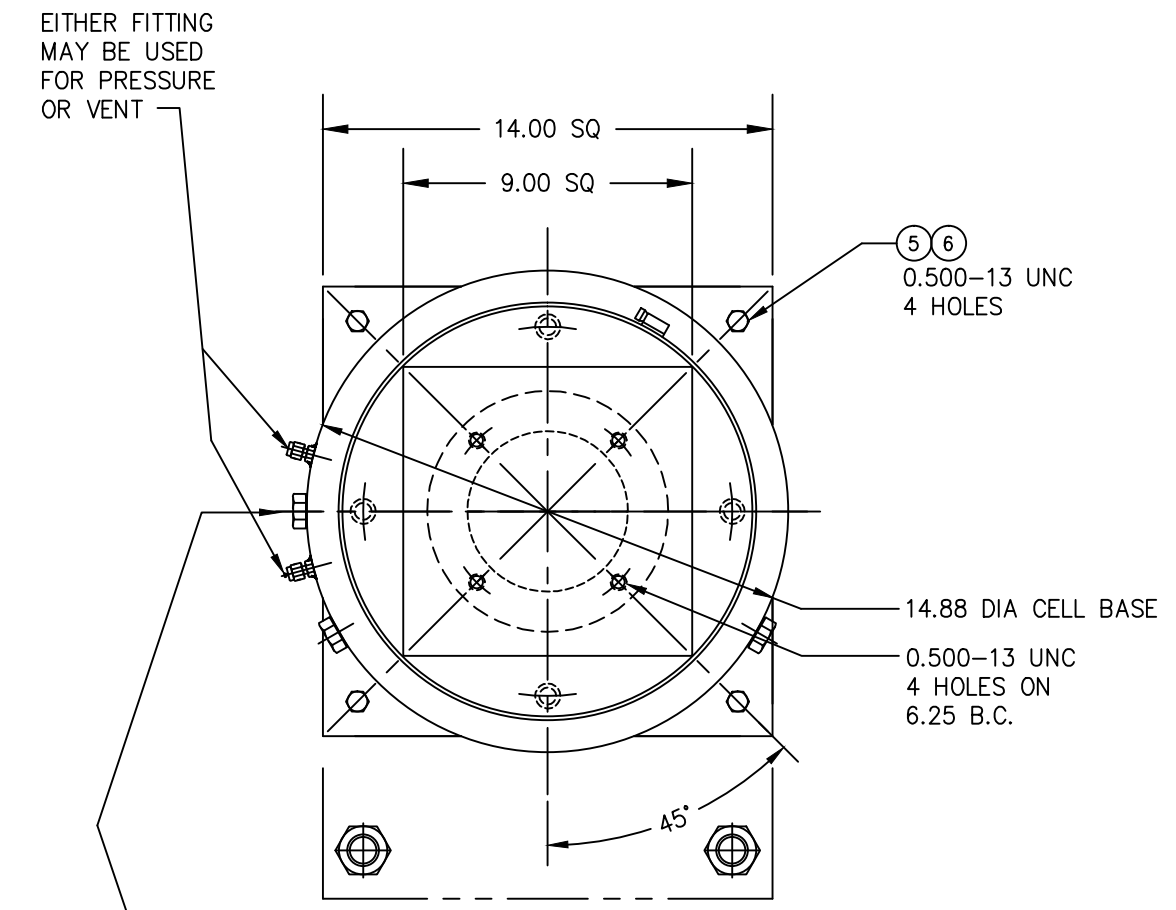


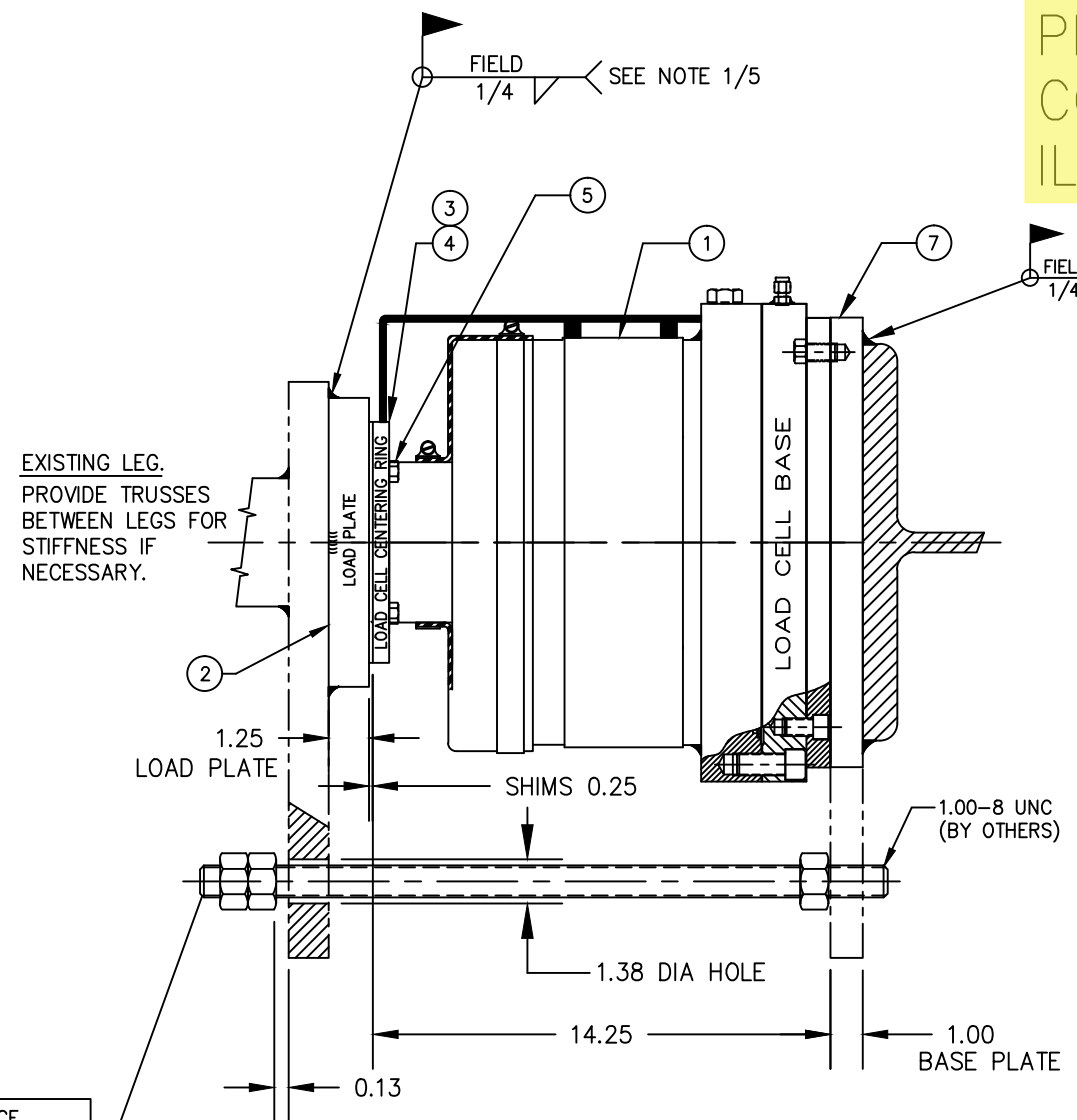
ITEM NO.	DESCRIPTION	QTY	MATERIAL	UNIT WT.	PART NO.	SIZE	WT.
1	LOAD CELL	1	SS 304		B-35415	136-200RR-M3 100 SQ.IN.	
2	LOAD PLATE	1	A/R		B-34036		
3	SHIM	4	SS 304		A-34030-1	0.06 THICK	
4	CENTERING RING	1	CS		B-34029		
5	HEX HEAD SCREW	8	SS 304		0.500-13 UNC X 1.25		
6	WASHER MS15595	4	SS 304		0.531 ID X 1.06 OD 98019A 209 McMASTER-CARR		
7	ALIGNMENT PLATE	1	A/R		B-34013-3		
8	HEAD ALIGNMENT GAGE	1	CDF		B-34038-1		
9							

PRELIMINARY NOT FOR CONSTRUCTION. FOR ILLUSTRATION ONLY.



1. REMOVE NYLON SCREW.
2. FILL LOAD CELL WITH FLUID TO A GAUGING OF:
 $\frac{A+B+C}{3} = 0.030 \pm 0.002$
(GAP CLOSES WHEN FILLING WITH FLUID)

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.



- NOTES:
1. TO ASSURE ALIGNMENT OF LOAD CELL CENTERING RING TO LOAD CELL B, THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED: BOLT LOAD CELL ONTO BASE PLATE. BOLT LOAD PLATE, SHIMS AND CENTERING RING TOGETHER AND SET ON LOAD CELL. LOWER STRUCTURE ONTO LOAD PLATE AND CENTER LOAD CELL WITH RESPECT TO CENTERING RING USING HEAD ALIGNMENT GAGE. WELD IN PLACE AS SHOWN.
 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.

NTEP CERT NO. 88-239-PA1

D	ITEM 8 ADDED	10/9/01	CBM
C	ITEM 7 ALIGNMENT PLATE WAS BASE PLATE	12/13/00	CBM
B	14.25 WAS 12.75	12/7/00	JDS
A	LOAD CELL DWG B-35414 WAS B-34316	10/17/00	CBM
LTR	REVISION	DATE	BY

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ALL SHARP CORNERS AND EDGES TO BE BROKEN
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
MACHINING .XX = ± .01 .XXX = ± .005
FABRICATION ± .15
DRAWN CBM DATE 10/3/00
CHECKED DATE
ACAD FILENAME: AC00794
LAYERS USED: ALL

EMERY WINSLOW SCALE COMPANY
SEYMOUR, CT U.S.A TERRE HAUTE, IN.
INSTALLATION OF SELF-CHECKING HYDROSTATIC COMPRESSION LOAD CELL ON STEEL MODEL 136-200RR-M3
SCALE 1:6 FIRST USED ON DRAWING NO. B-35398 REV. D