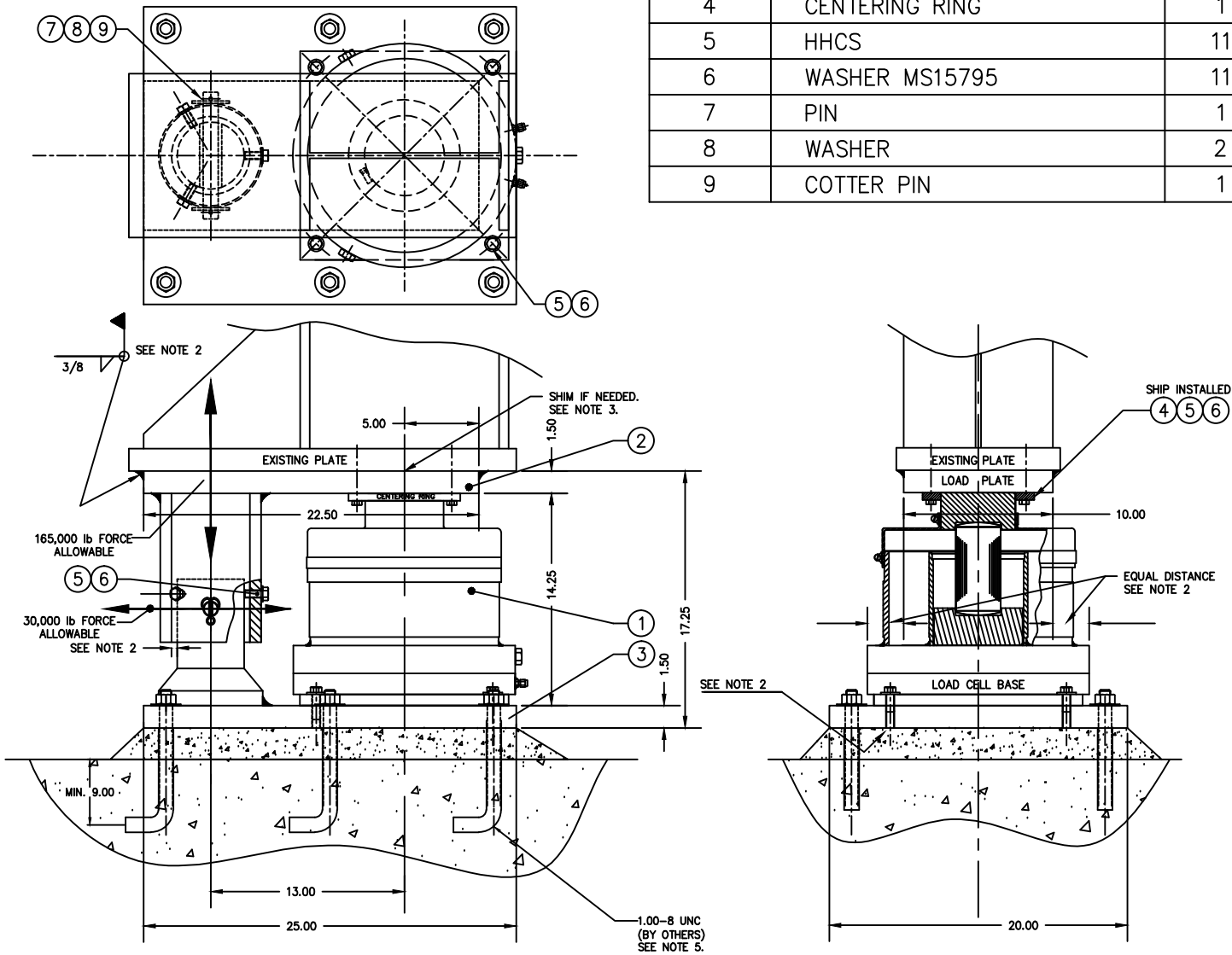


| ITEM NO. | DESCRIPTION              | QTY | MATERIAL | UNIT WT. | PART NO.                     | SIZE                 | WT. |
|----------|--------------------------|-----|----------|----------|------------------------------|----------------------|-----|
| 1        | LOAD CELL                | 1   | SS 304   |          | B-35461                      | 136-150 CH 100 SQ IN |     |
| 2        | LOAD PLATE / UPPER CHECK | 1   | CS       |          | B-35439-1                    |                      |     |
| 3        | BASE PLATE/ LOWER CHECK  | 1   | CS       |          | B-73085                      |                      |     |
| 4        | CENTERING RING           | 1   | CS       |          | B-34029                      |                      |     |
| 5        | HHCS                     | 11  | SS 304   |          | 0.500-13 UNC X 1.25          |                      |     |
| 6        | WASHER MS15795           | 11  | SS 304   |          | 0.531 IC X 1.06 OD 98019A509 | McMC                 |     |
| 7        | PIN                      | 1   | SS 17-4  |          | B-36065                      |                      |     |
| 8        | WASHER                   | 2   | CS / ZP  |          | FLAT WASHER $\phi$ 1.00      |                      |     |
| 9        | COTTER PIN               | 1   | CS / ZP  |          | DIA. 0.188 X 2.00 98338A516  | McMC                 |     |



- NOTES:
- TOP OF ALL BASE PLATES MUST BE FLAT OVER ENTIRE CELL AREA, LEVEL, AND ON A COMMON PLANE TO MINIMIZE SHIMMING.
  - TO ASSURE ALIGNMENT OF LOAD CELL CENTERING RING TO LOAD CELL BASE, THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED:  
BOLT LOAD CELL ONTO BASE PLATE.  
BOLT LOAD PLATE AND CENTERING RING TOGETHER AND SET ON LOAD CELL. USE (3) SCREWS "A" TO SET FOR 0.38 CLEARANCE ALL AROUND BEFORE WELDING. REMOVE SCREWS AFTER WELDING.  
CENTER LOAD CELL BASE WITH RESPECT TO LOAD PLATE MAINTAINING EQUAL DISTANCE AS SHOWN.
  - USE SHIMS TO MAINTAIN COMMON PLANE ON TOP OF LOAD PLATE. WELD SHIM IN PLACE LOWER STRUCTURE ONTO LOAD PLATE AND WELD IN PLACE.
  - INSTALL LOAD CELL WITH FITTINGS ACCESSIBLE TO FACILITATE TUBING AND PURGING.
  - LOCAL CIVIL ENGINEER RESPONSIBLE FOR ANALYSIS OF CONCRETE ANCHORING CONNECTION.

165KIPS

PRELIMINARY NOT FOR CONSTRUCTION. FOR ILLUSTRATION ONLY.

|   |                       |              |     |
|---|-----------------------|--------------|-----|
| ALL SHARP CORNERS AND EDGES TO BE BROKEN  |                       |              |     |
| B   | ITEM 8 PART # CHANGED | 12/09        | CEM |
| A   | ADDED NOTE 5.         | 9/1/09       | BMW |
| LTR   | REVISION              | DATE         | BY  |
| THIS DRAWING IS THE PROPERTY OF EMERY WINSLOW SCALE COMPANY SEYMOUR, CONNECTICUT. THE INFORMATION CONTAINED HEREIN IS <u>CONFIDENTIAL</u> AND IS NOT TO BE USED OR DISSEMINATED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF EMERY WINSLOW SCALE COMPANY. |                       |              |     |
| MACHINING   |                       | FABRICATION  |     |
| .XX = $\pm$ .01   |                       | $\pm$ .13    |     |
| .XXX = $\pm$ .005   |                       |              |     |
| DRAWN BMW   |                       | DATE 8/31/09 |     |
| CHECKED   |                       | DATE         |     |
| ACAD FILENAME: T03227   |                       |              |     |
| LAYERS USED: ALL  |                       |              |     |

|  |               |                         |      |
|--|---------------|-------------------------|------|
| EMERY WINSLOW SCALE COMPANY  |               |                         |      |
| SEYMOUR, CT.   |               | U.S.A. TERRE HAUTE, IN. |      |
| INSTALLATION OF SELF-CHECKING HYDROSTATIC COMPRESSION LOAD CELL ON CONCRETE MODEL 136-150 CH WITH HORIZONTAL & VERTICAL FORCE CHECKING |               |                         |      |
| SCALE  | FIRST USED ON | DRAWING NO.             | REV. |
|  |               | B-73084                 | B    |

|      |          |       |
|------|----------|-------|
| DASH | MATERIAL | MODEL |
|------|----------|-------|