

PRODUCT NUMBER

M2 RISER

CATALOG NUMBER

ADJ. RISER

STEEL RISER

LOAD RATING

HEAVY DUTY

COATING

SEE NOTES

ESTIMATED WEIGHT

RISER: XX LBS

MATERIAL SPECIFICATION

RISER - STEEL
SEE NOTES

OPEN AREA

N/A

√ DESIGNATES MACHINE SURFACE

DRAWN
CJC

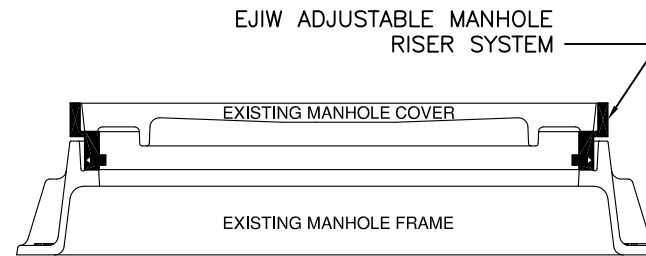
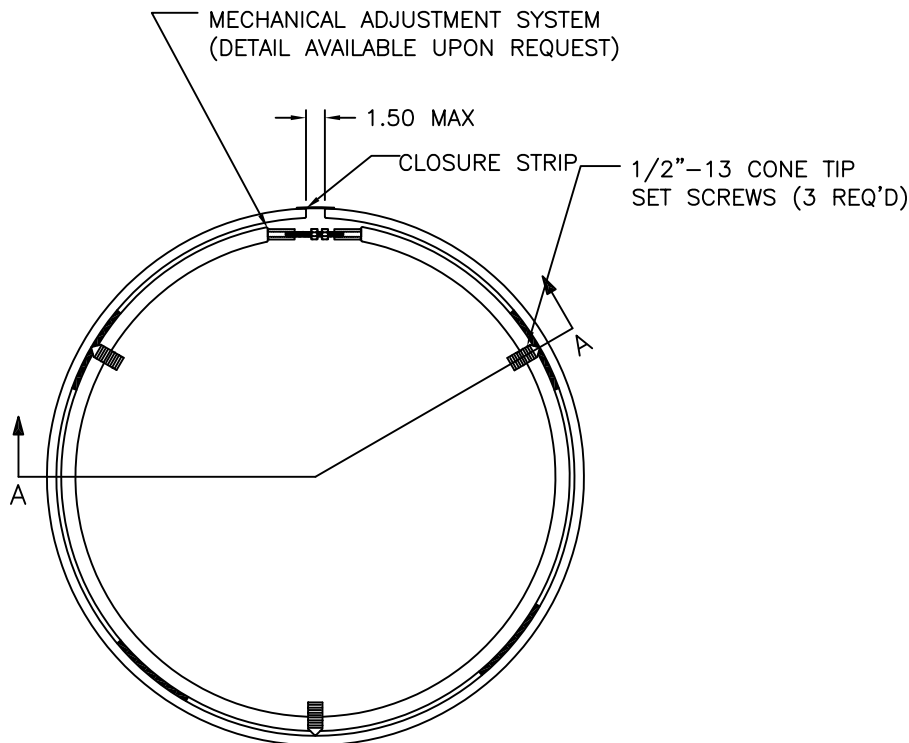
DATE
03/27/07

LAST REVISED
CJC

DATE
03/10/08

REFERENCE INFORMATION

OOXXXXXX



**TYPICAL INSTALLATION
SHOWING LID IN RAISED POSITION**

NOTES:

- 1.) MATERIAL SHALL MEET OR EXCEED MINIMUM REQUIREMENTS OF ASTM A36 CARBON STEEL.
- 2.) MECHANICAL ADJUSTMENT STUD IS MADE OF TYPE 304 STAINLESS STEEL. THE ADJUSTER SHALL ALLOW FOR +/-3/8" ADJUSTMENT OF THE RISER DIAMETER.
- 3.) ALL "M2" STYLE RISERS SHALL HAVE A MINIMUM HEIGHT OF ADJUSTMENT EQUAL TO THE MANHOLE COVER THICKNESS PLUS 1/4".
- 4.) EACH RISER IS CUSTOM FABRICATED FROM MEASUREMENTS PROVIDED WITH EACH ORDER. REQUIRED MEASUREMENTS INCLUDE THE FOLLOWING:
 - A. EXIST. MANHOLE COVER DIAMETER - TOP & BOTTOM
 - B. EXISTING MANHOLE COVER THICKNESS
 - C. REQUIRED HEIGHT OF ADJUSTMENT
- 5.) MAXIMUM RECOMMENDED HEIGHT OF ADJUSTMENT FOR REPAVING PROJECTS IS 6".
- 6.) HEIGHT ADJUSTMENTS ARE AVAILABLE IN 1/4" INCREMENTS.
- 7.) DURING INSTALLATION CHECK FOR FULL BEARING OF LOWER FRAME SECTION ON EXISTING CASTING. OVERTIGHTENING ADJUSTMENT SYSTEM MAY CAUSE UPLIFTING OF RISER.
- 8.) DIMENSIONS MAY VARY TO MEET EXISTING FIELD CONDITIONS. ANY CHANGE IN DIMENSIONS SHALL BE APPROVED BY THE OWNER.
- 9.) AFTER FABRICATION, RISERS ARE COATED WITH EITHER A WATER BASED BITUMINOUS ASPHALT EMULSION PAINT OR BASF E-COAT W/ CHARCOAL BLACK TOPCOAT.
- 10.) AVAILABLE OPTIONS IN LIEU OF CONE POINT SET SCREWS INCLUDE "L" CLIPS WITH HEX HEAD BOLTS.
- 11.) SLOPED RISERS ARE ALSO AVAILABLE.

