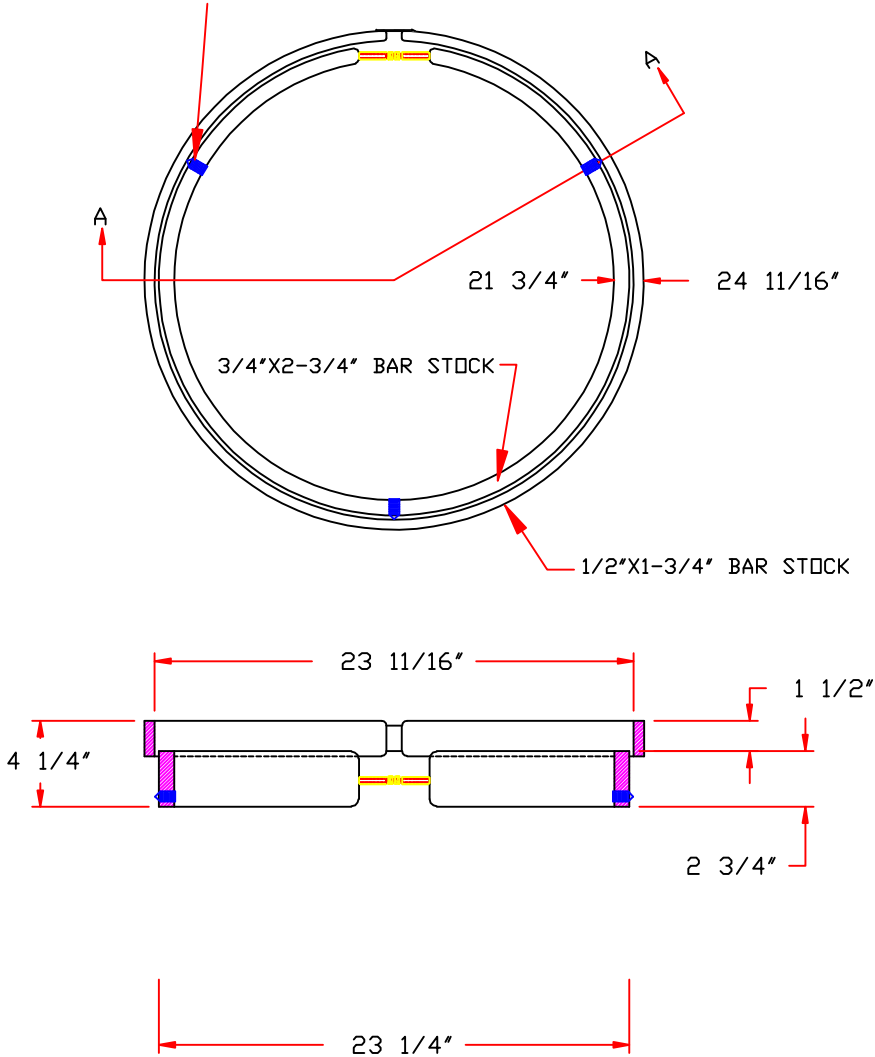


1/2" CONE POINTED, ALLEN HEAD
SET SCREWS (3 REQ'D)



NOTES:

- 1.) MATERIAL SHALL MEET OR EXCEED MINIMUM REQUIREMENTS OF ASTM A36 CARBON STEEL.
- 2.) TOP AND BOTTOM RINGS SHALL HAVE A CONTINUOUS WELD.
- 3.) ALL "M2" STYLE RISERS 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.) MINIMUM RECOMMENDED HEIGHT OF ADJUSTMENT FOR REPAVING PROJECTS IS 1".
- 6.) HEIGHT ADJUSTMENTS ARE AVAILABLE IN 1/4" INCREMENTS.
- 7.) DURING INSTALLATION CHECK FOR FULL BEARING OF LOWER FRAME SECTION ON EXISTING CASTING.
- 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.

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING ENGINEERING, CONSTRUCTION AND REAL ESTATE GROUP	
STEEL ADJUSTING RISER	
<small>(NOT TO SCALE)</small>	
APPROVED BY:	APPROVED BY:
CITY ENGINEER	DIRECTOR OF PUBLIC WORKS AND ENGINEERING
EFF. DATE: XX-XX-XX	DWG. NO: 02084-09B