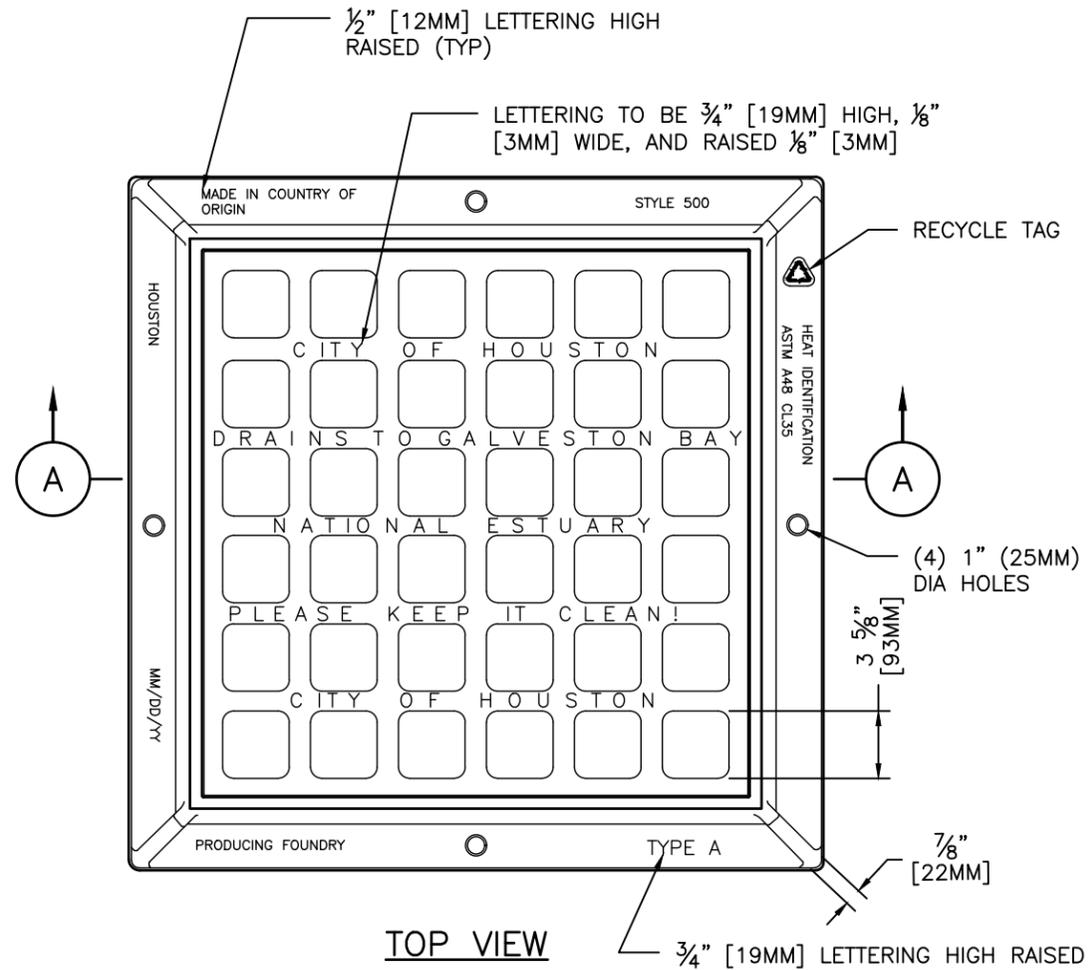
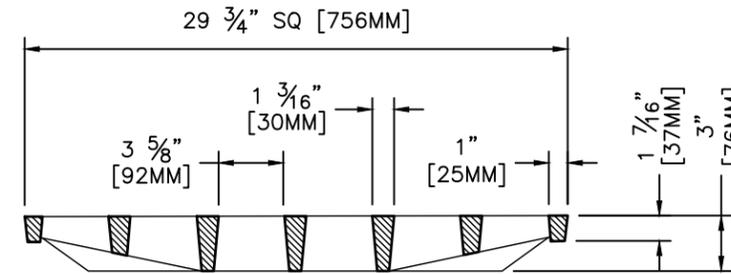


DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.

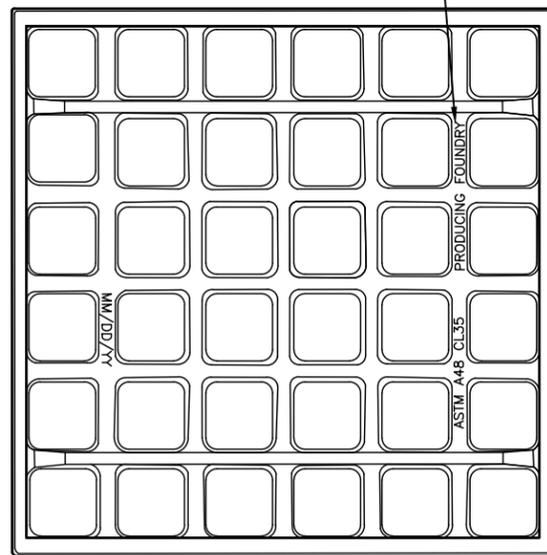


TOP VIEW

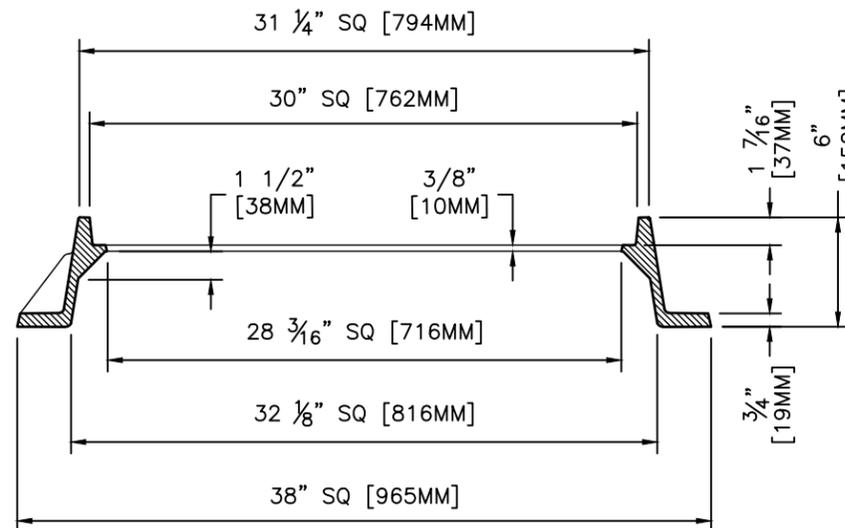


GRATE SECTION

LETTERING TO BE 1/2" [12MM] HIGH, 1/8" [3MM] WIDE, AND RAISED 1/8" [3MM]



BOTTOM VIEW OF GRATE



FRAME SECTION

SECTION A-A

NOTES:

1. APPROXIMATE WEIGHTS:
 GRATE - 190 LBS (86KG)
 FRAME - 235 LBS (107KG)
 UNIT - 425 LBS (193KG)
2. MATERIAL- GRAY IRON ASTM A48 CL35B.
3. CASTING MUST BE MANUFACTURED AND PROOF TESTED IN ACCORDANCE WITH AASHTO M306.
4. EJ V4880 ASY OR APPROVED EQUAL.
5. OPEN AREA OF GRATE 473 SQ. IN. [3051 SQ.CM.].
6. IDENTIFICATION MARKINGS MUST COMPLY WITH CITY SPECIFICATIONS. MARKINGS NOT SHOWN ON THIS DETAIL MUST BE PLACED ON THE CASTING:
 - A. PROVIDE ALL FRAME MARKINGS ON THE TOP SIDE OF THE FRAME.
 - B. PROVIDE GRATE AND COVER MARKINGS ON EITHER TOP OR BOTTOM OF CASTING.

CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
STORM SEWER TYPE "A" INLET GRATE AND FRAME	
(SCALE: NOT TO SCALE)	
APPROVED BY:	
Signed by:  <small>18EBB2207F84DC...</small> CITY ENGINEER	Signed by:  <small>BE463EF0DF454EB...</small> DIRECTOR OF HPW
EFF DATE: MAR-02-2026 DWG NO: 02090-07	