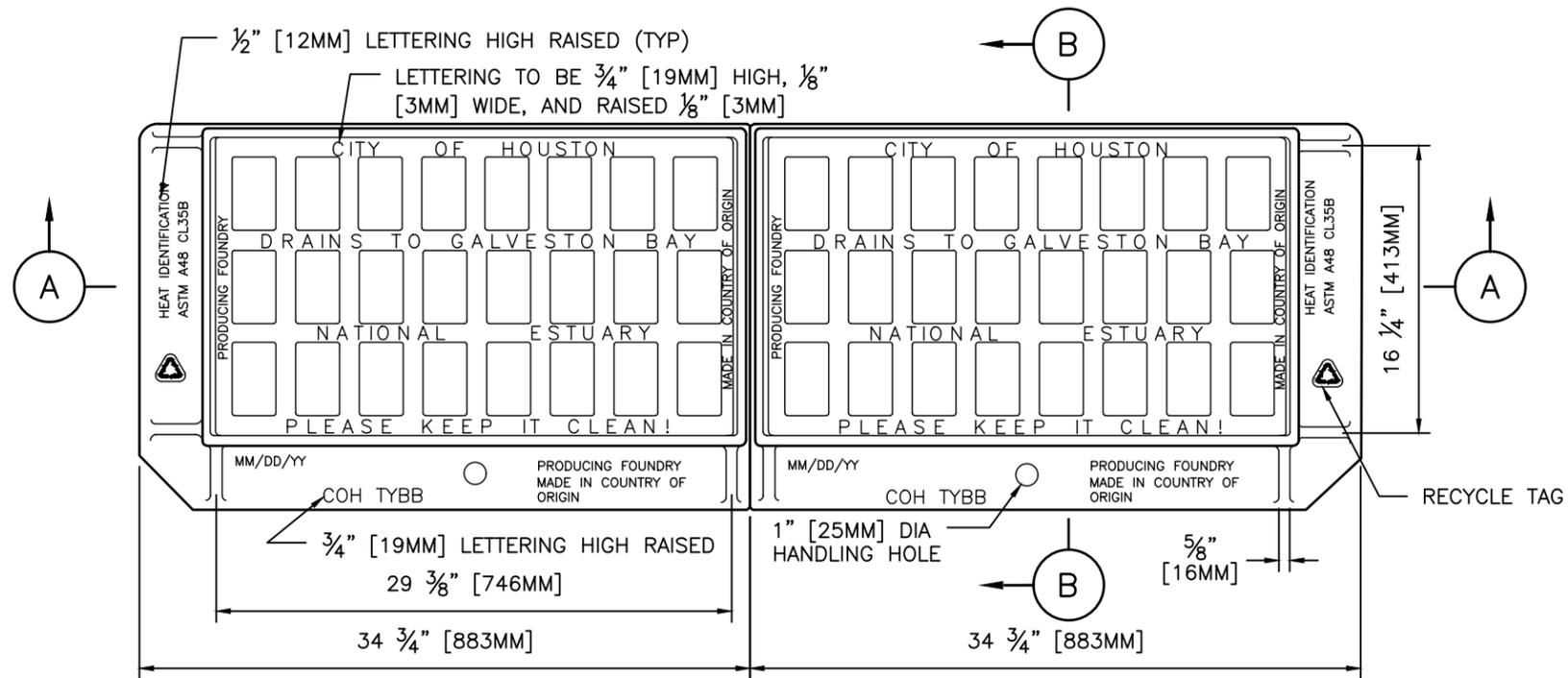
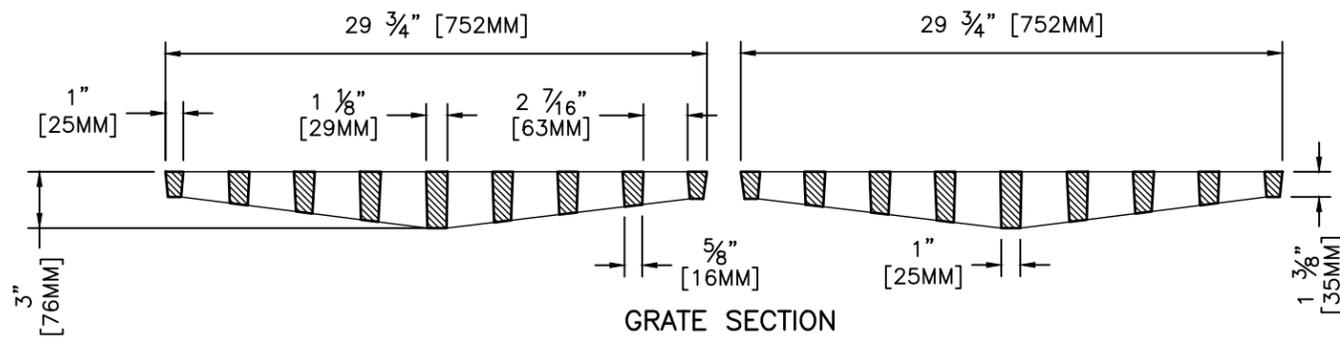


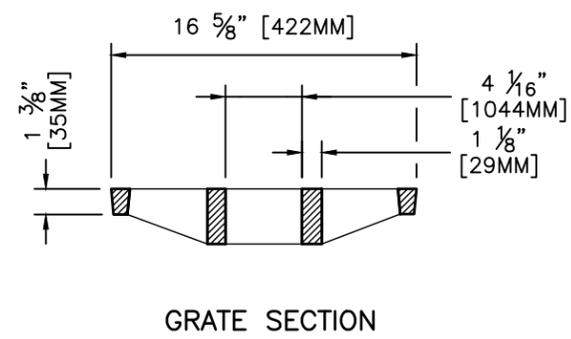
DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR 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.



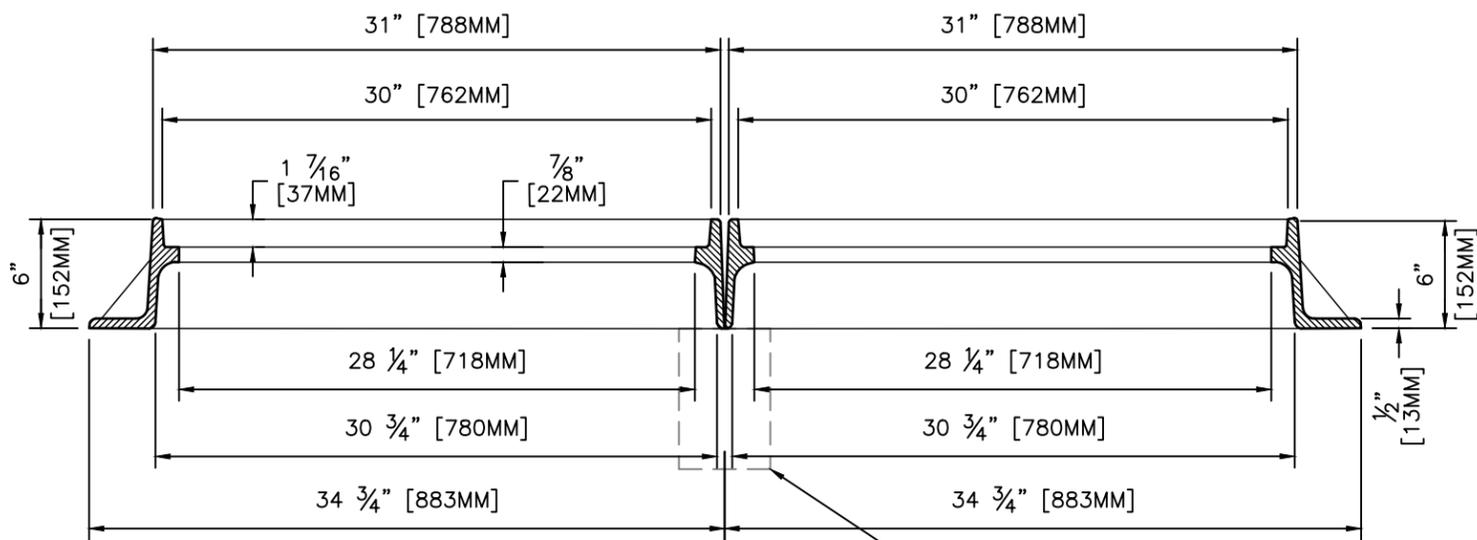
TOP VIEW



GRATE SECTION

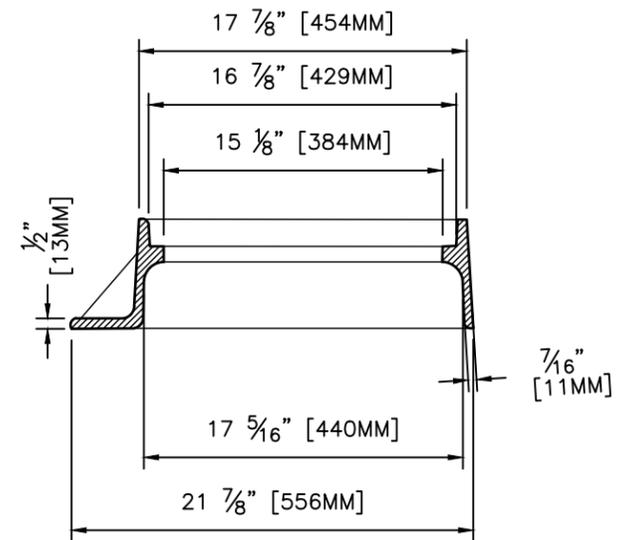


GRATE SECTION



FRAME SECTION SECTION A-A

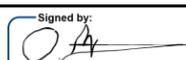
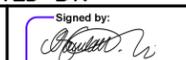
SEE NOTE 6



FRAME SECTION SECTION B-B

NOTES:

1. APPROXIMATE WEIGHTS:
 EACH GRATE - 115 LBS (52KGS)
 EACH FRAME - 120 LBS (55KGS)
 EACH UNIT - 235 LBS (107KGS)
2. MATERIAL- GRAY IRON ASTM A48 CL35B.
3. CASTING MUST BE MANUFACTURED AND PROOF TESTED IN ACCORDANCE WITH AASHTO M306.
4. EJ V4243 ASY OR APPROVED EQUAL
 TYPE B-B 480 SQ. IN. [3096 SQ. CM.]
 TYPE B 240 SQ. IN. [1548 SQ. CM.]
5. 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.
6. FOR INLET MAINTENANCE REFER TO COH STD 02632-04. FOR NEW INLET CONSTRUCTION REFER TO COH STD 02633-02.

CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
STORM SEWER FRAME AND GRATE FOR TYPE "B-B" INLET DOUBLE ASSEMBLY (SCALE: NOT TO SCALE)	
APPROVED BY:	
Signed by:  <small>18EBB22072F84DC...</small> CITY ENGINEER	Signed by:  <small>BE463EF0DF454EB...</small> DIRECTOR OF HPW
EFF DATE: MAR-02-2026 DWG NO: 02090-05	