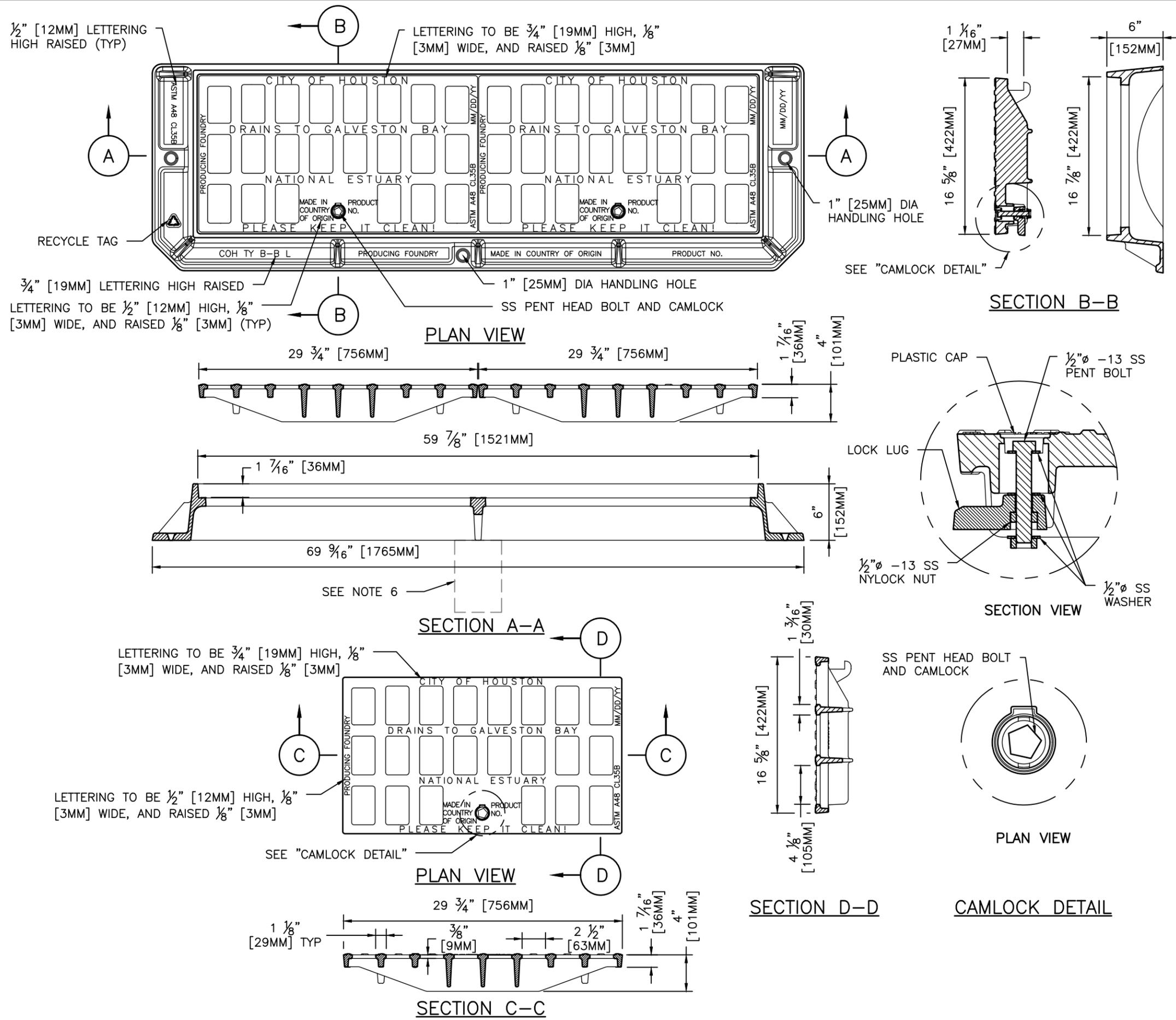
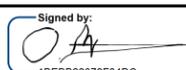
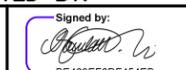


DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR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



- NOTES:**
- APPROXIMATE WEIGHTS:
 EACH GRATE - 83 LBS (38KGS)
 FRAME - 217 LBS (98KGS)
 UNIT - 383 LBS (174KGS)
 - MATERIAL - GRAY IRON ASTM A48 CL35B.
 - CASTING MUST BE MANUFACTURED AND PROOF TESTED IN ACCORDANCE WITH AASHTO M306.
 - EJ V4243-4 ASY OR APPROVED EQUAL.
 - OPEN AREA OF GRATE:
 TYPE B-B 450 SQ. IN.
 TYPE B 225 SQ. IN.
 - FOR INLET MAINTENANCE REFER TO COH STD 02632-04. FOR NEW INLET CONSTRUCTION REFER TO COH STD 02633-02.
 - IDENTIFICATION MARKINGS MUST COMPLY WITH CITY SPECIFICATIONS. MARKINGS NOT SHOWN ON THIS DETAIL MUST BE PLACED ON THE CASTING:
 - PROVIDE ALL FRAME MARKINGS ON THE TOP SIDE OF THE FRAME.
 - PROVIDE GRATE AND COVER MARKINGS ON EITHER TOP OR BOTTOM OF CASTING.
 - GRATE IS BICYCLE-COMPATIBLE WHEN THE LONG DIMENSION OF SLOT IS ORIENTED PERPENDICULAR TO THE DIRECTION OF TRAVEL.
 - GRATE IS NOT ADA-COMPATIBLE. DO NOT PLACE IN PEDESTRIAN WALKWAYS OR SHARED USE PATHS.
 - SS ABBREVIATION DESIGNATES STAINLESS STEEL MATERIAL TYPE.

CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
STORM SEWER FRAME AND GRATE FOR TYPE "B-B" INLET DOUBLE ASSEMBLY WITH CAMLOCK (SCALE: NOT TO SCALE)	
APPROVED BY:	
Signed by:  18EBB22072F84DC... CITY ENGINEER	Signed by:  BE463EF0DF454EB... DIRECTOR OF HPW
EFF DATE: MAR-02-2026 DWG NO: 02090-14	