

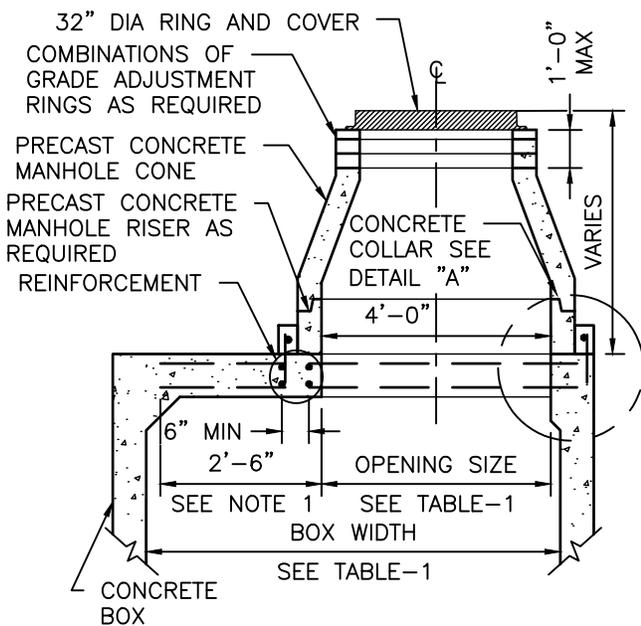
PLAN VIEW

NOTES:

1. FOR SMALLER BOX SEWER WIDTHS, WHERE IT IS NOT POSSIBLE TO EXTEND REINFORCING STEEL 2'-6" BEYOND THE OPENING, REINFORCING STEEL SHALL BE EXTENDED 3" TO THE EDGE OF THE WALL.
2. TIE THE PROPOSED COLLAR STEEL TO LONGITUDINAL AND ELLIPTICAL STEEL, WHERE APPLICABLE.
3. FOR CONCRETE COLLAR PROVIDE CLASS A CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AND GRADE 60 REINFORCING STEEL IN ACCORDANCE WITH COH STANDARD SPECIFICATION SECTION 03315.
4. PROPOSED CONCRETE BOX TO BE DESIGNED BY ENGINEER AND MEET MINIMUM REQUIREMENTS ACCORDING TO COH STANDARD SPECIFICATION SECTION 02612.

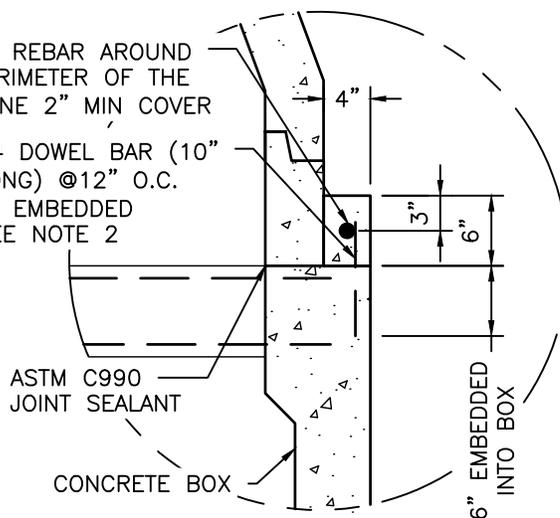
TABLE-1

BOX WIDTH VS OPENING SIZE	
BOX WIDTH (INCHES)	OPENING SIZE (INCHES)
48"	36"
GREATER THAN 48"	48"



SECTION A-A

#4 REBAR AROUND PERIMETER OF THE CONE 2" MIN COVER
 #4 DOWEL BAR (10" LONG) @12" O.C.
 6" EMBEDDED
 SEE NOTE 2



**DETAIL A
CONCRETE COLLAR**

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.

APPROVED BY:

Signed by:

 1BE8B22072F84DC...
CITY ENGINEER

Signed by:

 BE463EF0DF454EB...
DIRECTOR OF HPW

**CITY OF HOUSTON
HOUSTON PUBLIC WORKS STANDARD**

**STORM SEWER MANHOLE TYPE "C" FOR
PROPOSED CONCRETE BOX SEWER**

(SCALE: NOT TO SCALE)

EFF DATE: MAR-02-2026 | DWG NO: 02082-15