

DISCLAIMER: 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 THE USE OF THIS STANDARD. 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.

TABLE-1

SIZE (Y)	Z
3'-0"	0'-0"
4'-0"	1'-0"
5'-0"	2'-0"
6'-0"	3'-0"

**FABRICATION NOTES:**

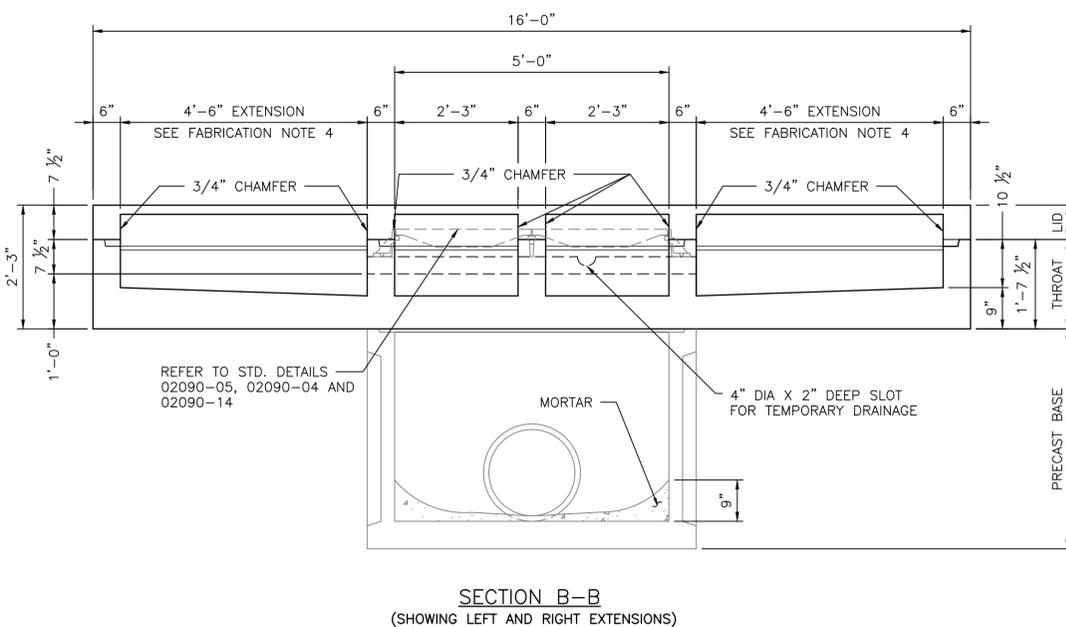
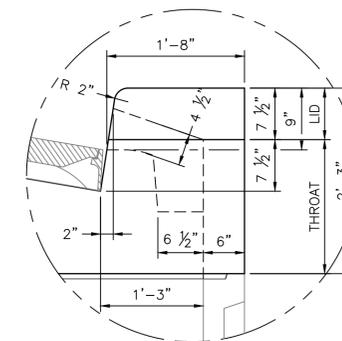
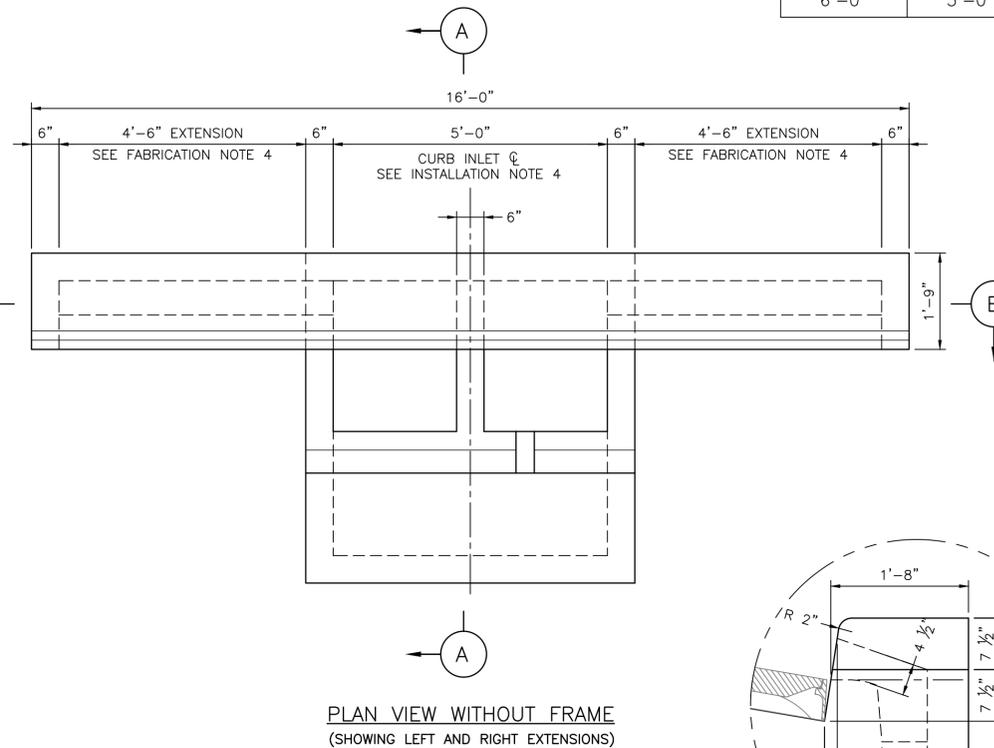
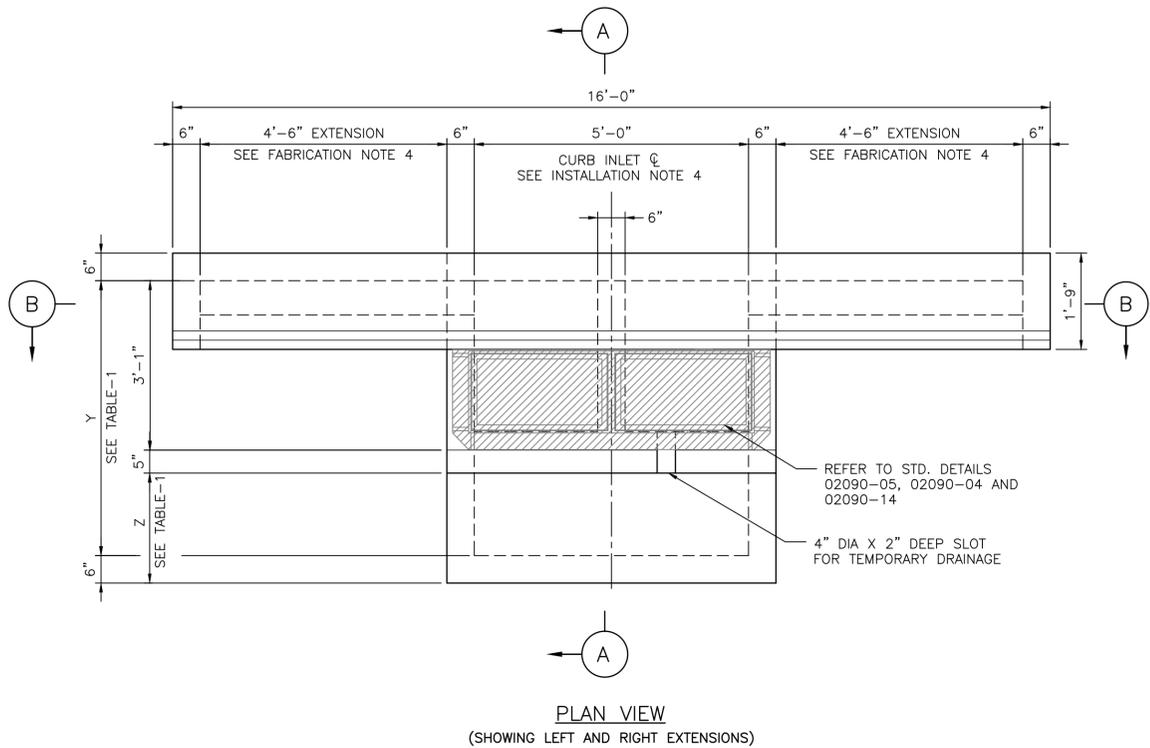
1. PROVIDE CLASS "H" CONCRETE IN ACCORDANCE WITH TEXAS DEPARTMENT OF TRANSPORTATION ITEM 421 AND HAVING A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.
2. PROVIDE GRADE 60 REINFORCING STEEL OR EQUIVALENT AREA OF WWR.
3. PROVIDE TYPICAL CLEAR COVER OF 1 1/2" TO REINFORCING STEEL FROM SURFACE OF CONCRETE OR LOWER OUTSIDE SHOULDER.
4. EXTENSIONS MAY BE RIGHT, OR LEFT (INLET TYPE B-B(1)), BOTH (INLET TYPE B-B(2)) OR NONE (INLET TYPE B-B). PROVIDE EXTENSIONS AS SPECIFIED ELSEWHERE IN PLANS.
5. DESIGN TONGUE AND GROOVE JOINTS FOR FULL CLOSURE ON BOTH SHOULDERS. MINIMUM SPIGOT DEPTH IS 3/4". TOP SLAB MAY EMPLOY A BUTT JOINT WITH DOWELS AT THE CONTRACTOR'S OPTION.
6. PROVIDE LIFTING DEVICES IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. CHAMFER VERTICAL EDGES ON INLET LID 3/4" AS SHOWN IN SECTION B-B.

**INSTALLATION NOTES:**

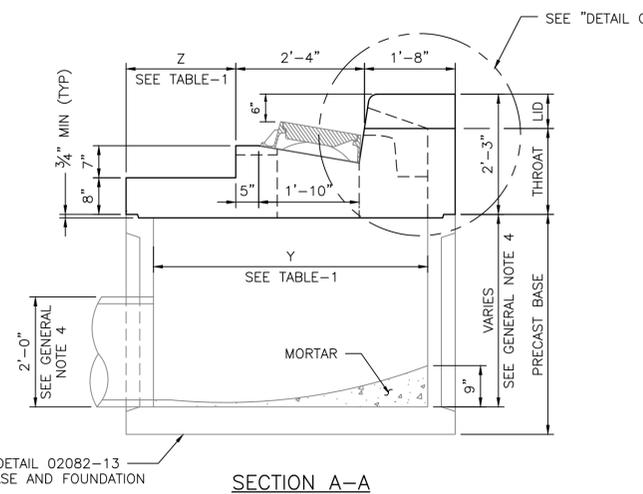
1. INLET THROAT IS PLACED UNDER ROADWAY AND INTENDED FOR DIRECT TRAFFIC. INLET LID IS NOT FOR DIRECT TRAFFIC. DO NOT PLACE INLET LID IN ROADWAY.
2. SEAL TONGUE AND GROOVE JOINTS AND BUTT JOINTS WITH PREFORMED OR BULK MASTIC IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. TONGUE AND GROOVE JOINTS MAY BE GROUTED NO MORE THAN 1" BETWEEN EACH SECTION, OR 1/2 THE JOINT DEPTH, WHICHEVER IS GREATER.
3. DO NOT CROUT RUBBER GASKET JOINTS WITHOUT MANUFACTURER'S RECOMMENDATION.
4. REFERENCE POINT IS LOCATED WHERE THE CENTERLINE (C) OF THE MAIN THROAT INTERSECTS THE NORMAL GUTTER LINE. REFER TO STD. DETAIL Q2771-03 CURB AND GUTTER TRANSITION FOR PRECAST INLET TYPE B-B FOR MORE INFORMATION.

**GENERAL NOTES:**

1. DESIGNED ACCORDING TO ASTM C913.
2. OPEN AREA OF MAIN THROAT = 324 SQ IN. OPEN AREA OF ONE EXTENSION THROAT = 324 SQ IN.
3. PAYMENT FOR INLET IS PER COH STANDARD SPECIFICATION Q2633. EXTENSIONS ARE SUBSIDIARY TO INLET.
4. DIMENSION VARIES BASED ON PIPE DIAMETER AND WALL THICKNESS.



REFER TO STD. DETAIL Q2082-13 FOR PRECAST BASE AND FOUNDATION DETAIL



APPROVED BY:  CITY ENGINEER	APPROVED BY:  DIRECTOR OF HOUSTON PUBLIC WORKS
EFF DATE: MAR-02-2026	DWG NO: Q2633-02

**CITY OF HOUSTON**  
HOUSTON PUBLIC WORKS STANDARD

PRECAST CONCRETE STORM SEWER INLET TYPE "B-B", "B-B(1)" AND "B-B(2)"

DRAWING SCALE	FOR CITY OF HOUSTON USE ONLY
NOT TO SCALE	