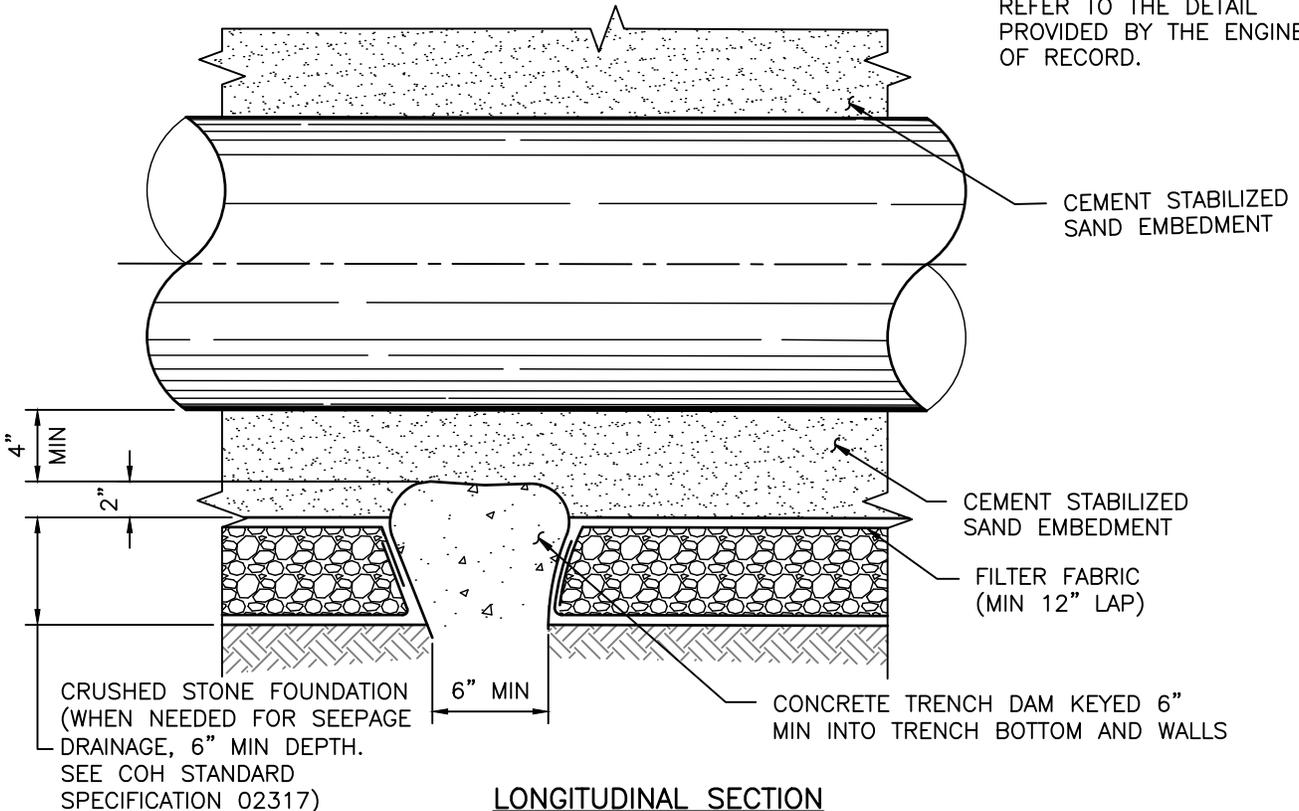


**CROSS-SECTION  
OF CRUSHED STONE FOUNDATION**

**NOTES:**

1. ACTUAL SHAPE OF CONCRETE TRENCH DAM CROSS SECTION MAY BE DETERMINED BY CONTRACTOR IN FIELD, MEETING MINIMUM THICKNESS AND KEY DEPTH REQUIREMENTS.
2. THIS DETAIL SHALL BE USED WITH CEMENT STABILIZED SAND EMBEDMENT, IN WET STABLE TRENCH CONDITIONS.
3. PLACE TRENCH DAMS IN CLASS I EMBEDMENTS AT THE MIDPOINT OF LINE SEGMENTS LONGER THAN 100 FEET BETWEEN MANHOLES.
4. FOR THERMOPLASTIC STORM SEWER PIPE INSTALLATION REFER TO THE DETAIL PROVIDED BY THE ENGINEER OF RECORD.



**LONGITUDINAL SECTION  
ALONG PIPE  $\phi$  AT FOUNDATION TRENCH DAM**

*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

**SANITARY OR STORM SEWER  
CRUSHED STONE FOUNDATION  
FOR WET STABLE TRENCH**

(SCALE: NOT TO SCALE)

EFF DATE: MAR-02-2026

DWG NO: 02317-02