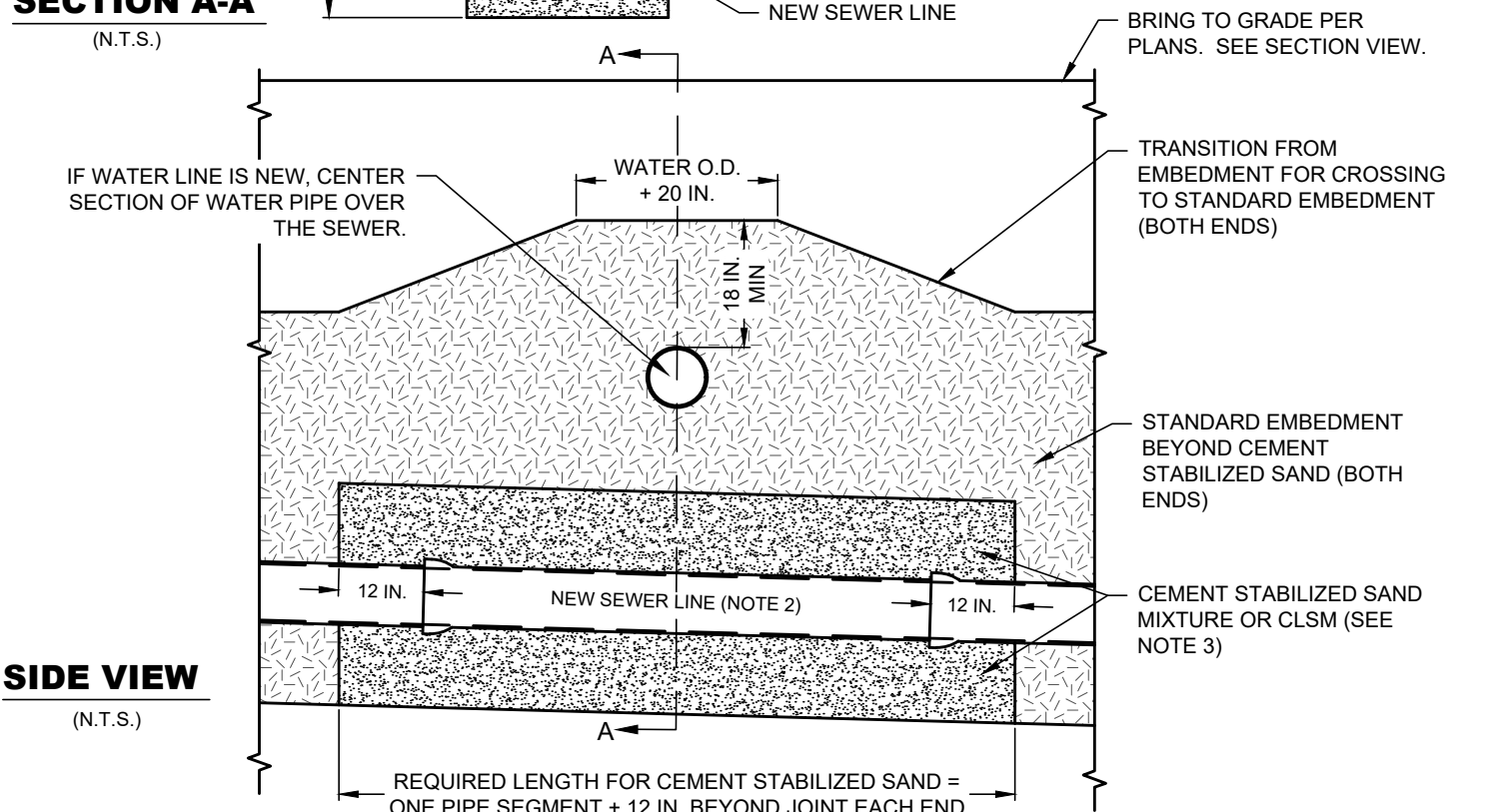


**SECTION A-A**  
(N.T.S.)



**SIDE VIEW**  
(N.T.S.)

- NOTES:**
1. THIS DETAIL NEED NOT TO BE APPLIED FOR CROSSINGS INVOLVING WATER OR SEWER SERVICE CONNECTIONS.
  2. CENTER 18 FT. MIN. SECTION OF SEWER PIPE UNDER WATER PIPE. SEWER LINE SHALL BE PVC PRESSURE-RATED AT 150 PSI MIN.
  3. CEMENT STABILIZED SAND MIXTURE MUST HAVE MINIMUM 10% CEMENT BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 3-94 LBS BAGS OF CEMENT PER C.Y. OF MIXTURE). CITY STANDARD CONTROLLED LOW STRENGTH MATERIAL (CLSM) MAY BE USED AS AN ALTERNATE.

**EMBEDMENT FOR NEW SEWER CROSSING UNDER NEW OR EXISTING WATER LINE**

(NO SCALE)

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



**ENGINEERING  
DIVISION**



REVISIONS			
NO.	COMMENTS	BY	DATE
##	DESCRIPTION	FL	MO/DY/YEAR

DATE  
8/25/2021

**S-19**