

ADJUSTABLE VALVE BOX AND COVER.  
SEE DETAIL [W-8](#).  
REPLACE THE WORDS "WATER VALVE"  
WITH "SANITARY SEWER"

CONCRETE DIAMOND. SEE  
DETAILS [W-7](#), [W-35](#) AND [W-36](#).

TRACER WIRE. SEE [W-1](#) AND  
[W-34](#) FOR REQUIREMENTS

ADJUSTABLE VALVE EXTENSION  
ASSEMBLY. 2 IN. SQUARE WRENCH  
NUT AND UPPER GUIDE REQUIRED  
FOR MORE THAN 36 IN. DEPTH.  
SEE [W-7](#) FOR VALVE EXTENSION

AWWA C509 & 515 DUCTILE IRON  
BODIED EPOXY COATED RESILIENT  
WEDGE GATE VALVE WITH 2 IN.  
OPERATING NUT; WRENCH NUT  
OPEN COUNTER-CLOCKWISE

TRACER WIRE. SEE [W-1](#) AND  
[W-34](#) FOR REQUIREMENTS

SANITARY SEWER  
FORCE MAIN

USE RESTRAINED JOINTS TO PREVENT  
MOVEMENT (THRUST BLOCKING NOT  
ALLOWED)

16 IN. X 16 IN. X 6 IN. PRECAST BLOCK  
OR MIN. 6 IN. THICK #57 STONE (TYP)

**NOTES:**

1. BOLT VALVES TO TEE OR CROSS WHEREVER AND WHEREVER APPLICABLE
2. GATE VALVE WEDGE SHALL BE COMPLETELY ENCAPSULATED WITH EPDM RUBBER.
3. ALL OUTSIDE HEX NUTS, BOLTS AND HARDWARES (EXCEPT MECHANICAL BOLTS SUCH AS "T" BOLTS) SHALL BE MINIMUM 316 STAINLESS STEEL GRADE

**SANITARY SEWER FORCE MAIN VALVE AND VALVE BOX**

(NO SCALE)



**ENGINEERING DIVISION**

**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.

REVISIONS			
NO.	COMMENTS	BY	DATE
##	DESCRIPTION	FL	MM/DD/YYYY

DATE  
01/01/2024

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