

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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