



NOTES:

1. GATE VALVES SHALL BE DUCTILE IRON BODY, RESILIENT SEAT TYPE, WITH NON-RISING STEM, OPEN LEFT, 200 PSI WORKING PRESSURE AND CONFORM TO AWWA STANDARD C509 FOR RESILIENT SEATED GATE VALVES. T-HEAD BOLTS SHALL BE COR-BLUE, OTHER NUTS AND BOLTS SHALL BE STAINLESS STEEL.
2. ACCEPTABLE MANUFACTURERS ARE MUELLER, CLOW OR AFC.
3. CARE SHALL BE TAKEN WHEN INSTALLING VALVES TO ASSURE PROPER SUPPORT WHERE REQUIRED.
4. VALVES SHALL NOT BE PLACED IN CONCRETE VALLEY OR GUTTERS.
5. VALVE AND FITTING SHALL BE POLY-WRAPPED PER SPECIFICATIONS.
6. VALVE BOXES SHALL BE ADJUSTED TO FINAL FINISHED GRADE BY CONTRACTOR.
7. ALL VALVES SHALL BE OPEN LEFT (COUNTER-CLOCKWISE)
8. VALVE BOX SHALL NOT BE SUPPORTED BY THE WATER LINE.
9. VALVE BOX TO BE PLUMB AND CENTERED OVER OPERATING NUT.
10. VALVE BOX DETAILS SHALL APPLY TO BOTH NEW INSTALLATIONS AND ADJUSTMENT OF EXISTING VALVES.
11. WHEN ADJUSTING EXISTING VALVE BOXES, RECONNECT EXISTING TRACER WIRE IF PRESENT.
12. EMBEDMENT PER STANDARD DETAIL G-8. TRACER WIRE TO BE PLACED ON TOP OF TRENCH EXCAVATION PRIOR TO PLACEMENT OF EMBEDMENT.

GATE 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
1	BOLD TEXT FOR EMPHISIS	MZ	04/19/2024
##	DESCRIPTION	FL	MM/DD/YYYY

DATE
01/01/2024

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