



#### NOTES:

- USE SAME STEEL CONFIGURATION IN ALL WALLS.
- SET MANHOLE AT CORNER NEAREST OUTLET PIPE BEARING ON TWO WALLS.
- IN STREET SECTION ONLY, 2 IN. GRADE RINGS AND MORTAR SHALL BE APPLIED TO TOP OF MANHOLE TO ALLOW FOR FUTURE ADJUSTMENT. TOTAL DEPTH OF GRADE RINGS AND MORTAR SHALL BE BETWEEN 4 IN. MINIMUM AND 12 IN. MAXIMUM. GRADE RINGS AND FRAME/RING AND COVER SHALL BE SECURED IN A BED OF MORTAR. APPLY GROUT BETWEEN AND ON THE INSIDE OF GRADE RINGS AND WIPE SMOOTH.
- FOR MANHOLE CONSTRUCTION IN STREET, REFERENCE [ST-11](#) AND [ST-12](#) FOR CONCRETE DIAMOND/PAD REQUIREMENTS
- IN ACCORDANCE WITH [G-7](#) NOTE 6. SUBGRADE SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AT + 2% OPTIMAL MOISTURE CONTENT.
- IN ACCORDANCE WITH [SD-1](#) NOTE 21 PRECAST INLETS SHALL BE BEDDED WITH MIN. 6 IN. DEPTH OF AGGREGATE MEETING ASTM 57 SPECIFICATIONS TO A MINIMUM DISTANCE OF 12 IN. OUTSIDE PERIMETER.
- IN ACCORDANCE WITH THE STORMWATER DESIGN CRITERIA PIPE SOFFIT (HIGHEST POINT OF THE INTERIOR OF PIPE) ELEVATIONS SHALL MATCH AT MANHOLE.
- IN ACCORDANCE WITH THE STORMWATER DESIGN CRITERIA AN ELEVATION DROP SHALL BE PROVIDED EQUAL TO THE CHANGE IN PIPE DIAMETER, OR A MINIMUM OF ONE-TENTH OF ONE FOOT (0.10 FT.) FOR JUNCTIONS WITH THE SAME PIPE DIAMETER ENTERING AND EXITING THE STRUCTURE.

## STANDARD STORMWATER DRAIN MANHOLE SECTION

(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
2	MODIFY MANHOLE NOTE; MODIFY NOTE 3; ADD NOTES 7 & 8	MZ	04/28/2025
1	RENUMBER NOTES 5 & 6; MODIFY PIPE SIZE	MZ	04/19/2024
##	DESCRIPTION	FL	MM/DD/YYYY

DATE  
01/01/2024

SD-10