

NOTES:

- MINIMUM INSIDE DIAMETER OF THE CASING SHALL BE AT LEAST 10% LARGER THAN THE OUTSIDE DIAMETER OF THE CARRIER PIPE, BUT NO LESS THAN 2 IN. GREATER THAN LARGEST OUTSIDE DIAMETER OF CARRIER PIPE, JOINTS, OR COUPLINGS.
- 2. CASING SHALL BE STEEL WITH A MINIMUM WALL THICKNESS OF:

INSIDE DIAMETE	MINIMUM CASING	
GREATER THAN	UP TO AND INCLUDING	WALL THICKNESS
~	12 IN.	1/4 IN.
12 IN.	18 IN.	5/16 IN.
18 IN.	22 IN.	3/8 IN.
22 IN.	28 IN.	7/16 IN.
28 IN.	34 IN.	1/2 IN.
34 IN.	42 IN.	9/16 IN.
42 IN.	48 IN.	5/8 IN.

- 3. THE MINIMUM THICKNESS FOR ALL CASINGS GREATER THAN 48 IN. DIA. SHALL BE DETERMINED BY THE ENGINEER OF RECORD, AND SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY OF WACO PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION.
- 4. ALL PIPE IN CASING SHALL BE JOINT RESTRAINED.
- 5. ALL CASINGS WITH LESS THAN 24 IN. OF COVER SHALL BE PAINTED PER STANDARD SPECIFICATIONS AND SHALL BE COATED WITH TNEMEC PERMA-SHIELD SERIES 46H-413 COAL TAR EPOXY.
- 6. ALL CARRIER PIPE SHALL BE INSTALLED USING PRE-APPROVED CASING SPACERS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

BORE DETAIL

(NO SCALE)

DEVISIONS



- 1			REVISIONS				
۱	ENGINEERING DIVISION	NO.	COMMENTS	BY	DATE		
ı	DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS			\Box			
	ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY						
	THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO			ᆫ			
	ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD			ഥ			
	TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES						
	RESULTING FROM ITS USE.	##	DESCRIPTION	FL	MM/DD/YYYY		

11/15/2024

DATE

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