



CASING DIAMETER	MIN. WALL THICKNESS
12" OR LESS	0.25"
OVER 12" - 18"	0.3125"
OVER 18" - 22"	0.375"
OVER 22" - 28"	0.4375"
OVER 28" - 34"	0.5"
OVER 34" - 42"	0.5625"
OVER 42" - 48"	0.625"
OVER 48" - 60"	0.6875"

NOTES:

1. WHERE A BORE PIT EXCEEDS 5 FEET IN DEPTH THE CONTRACTOR SHALL INSTALL SHORING OF THE PIT WALLS AS REQUIRED BY OSHA.
2. WHERE A BORE IS TO BE PARTIALLY OR COMPLETELY ABANDONED, SAID BORE SHALL BE COMPLETELY FILLED WITH HYDRAULICALLY PLACED CEMENT GROUT.
3. CASING SHALL BE EXTENDED TO THE RIGHT-OF-WAY LINE FOR STATE HIGHWAY AND RAILROAD CROSSINGS.
4. THE EDGE OF BORE PIT SHALL BE A MINIMUM OF 4' BEHIND THE BACK OF CURB OR EDGE OF PAVEMENT.
5. STEEL CASING PIPE SHALL HAVE A MINIMUM YIELD STRENGTH OF 35 KSI.



**CITY OF
DECATUR**

**WATER SYSTEM CONSTRUCTION DETAILS
WATER LINE INSTALLATION
BORE DETAIL**

REVISED OCT 2001

SCALE: 3/8" = 1'

SHEET: **W-11**