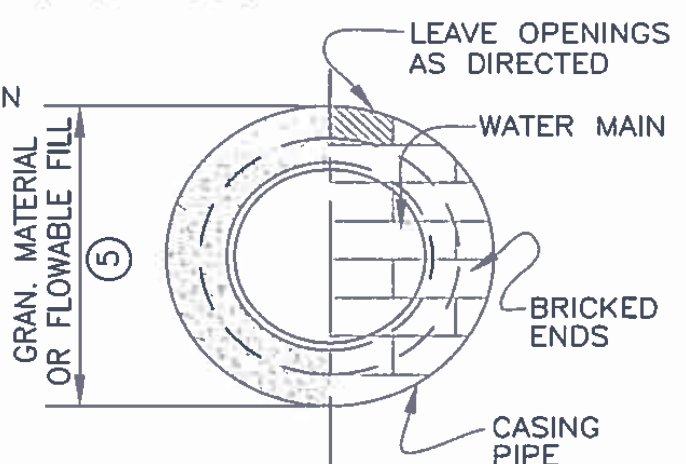
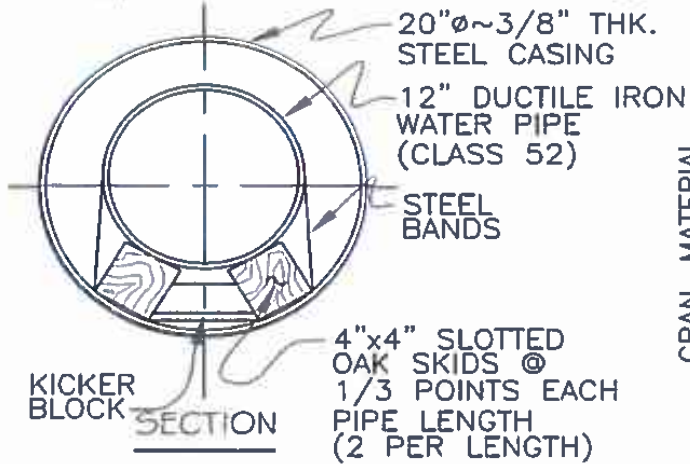


	<u>CARRIER PIPE</u>	<u>CASING PIPE</u>
CONTENTS TO BE HANDLED . . .	WATER	CARRIER PIPE
OUTSIDE DIAMETER		
PIPE MATERIAL	DUCTILE IRON	STEEL
SPECIFICATIONS AND GRADE		ASTM A53
WALL THICKNESS		.375 INCHES
ACTUAL WORKING PRESSURE . . .	50 +	NONE
TYPE OF JOINT	PUSH - ON	WELDED
COATING	ASPHALTIC PRIMER	ASPHALTIC PRIMER
METHOD OF INSTALLATION . . .	PUSH - ON SKIDS	JACK AND BORE
SEALS: BOTH ENDS - YES		TYPE: BRICK AND MORTER
BURY: BASE OF RAIL TO TOP OF CASING		
BURY: (ROADWAY DITCHES)		
CATHODIC PROTECTION	NONE	NONE




SIZE WATER MAIN	MAX. BELL O.D.	MIN. SMOOTH STEEL CASING PIPE REQ'D.
6"	9.52"	16"
8"	11.89"	18"
12"	16.35"	22"
16"	20.84"	27"
20"	27.00"	33"

NOTES

HALF SECTION HALF ELEVATION
SMOOTH STEEL CASING PIPE
 "NOTE" ONLY THE WATER PIPE AND BLOCKS WILL BE INSTALLED INSIDE THE CASING. NO OTHER LINES WILL BE INSTALLED INTO THIS CASING PIPE.

- CASING PIPE SIZE BASED ON LARGEST BELL O.D. OF D.I. PIPE MANUFACTURED AND NOMINAL CONCRETE PIPE SIZE.
- CASING THICKNESS 0.375 WITH COATING UNLESS OTHERWISE SPECIFIED.
- DUCTILE IRON WATER LINE WILL BE CLASS 52.
- CASING WILL EXTEND 5'-0" BEYOND CURB LINE UNLESS SPECIFIED DIFFERENT.
- ANY CASING INSTALLED SHALL HAVE THE ENTIRE ANNULAR SPACE BETWEEN THE WATER MAIN AND THE CASING PIPE FILLED WITH GRANULAR OR HIGH DENSITY FLOWABLE FILL MATERIAL.
- STEEL CASING PIPE INSTALLED IN RAILROAD RIGHT-OF-WAY SHALL BE BOTH GALVANIZED AND BITUMINOUS COATED (SHALL MEET A.R.E.M.A. SPECIFICATIONS).

Date: 3/02/2018	Standard Construction Drawing	
	<h2 style="margin: 0;">Boring & Jacking Carrier & Casing Pipe</h2>	Drawing No. <h1 style="margin: 0;">WTR-17</h1>