

## POTABLE AND REUSE WATER MAINS

- 1.) PVC PIPE LESS THAN 4" DIAMETER SHALL BE ASTM DD2241, SDR-21.
- 2.) PVC PIPE 4"-12" SHALL BE AWWA C900 (DR18).
- 3.) PVC PIPE GREATER THAN 12" SHALL BE AWWA C905 (DR18).
- 4.) FITTINGS AND VALVES 4" AND GREATER SHALL BE MECHANICAL JOINT DUCTILE IRON (250 PSI MIN.).
- 5.) MEGALUG RESTRAINTS SHALL BE UTILIZED.
- 6.) ALL POTABLE WATER MAINS SHALL BE COLOR BLUE.  
ALL RECLAIMED WATER MAINS SHALL BE COLOR PURPLE.
- 7.) ALL FLUSHING REQUIREMENTS PER AWWA STANDARDS (3 fps MINIMUM., 2 X PIPE VOLUME MINIMUM.)
- 8.) ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED PER AWWA STANDARD C600 (LATEST EDITION) AT 150 PSIG (MINIMUM) FOR TWO HOURS.
- 9.) ALL WATER MAINS REQUIRE DISINFECTION PER AWWA STANDARD C651.
- 10.) DUCTILE IRON PIPE AND FITTINGS FOR POTABLE WATER AND REUSE MAINS SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA C104/A21-4.

REV	DATE	BY	REVISIONS
2	03 JUN 11	REF	REV. SHT. NO. TO ADD DIR. BORE DETAIL
1	20 JAN 11	REF/JMS	ADDED NOTE 10



**POTABLE AND REUSE  
WATER MAINS NOTES  
TECHNICAL STANDARDS MANUAL  
CITY OF LYNN HAVEN FLORIDA**

CAD FILE:	DBCC
DWN BY:	JEH
DATE:	30 APR 07
SHEET NO:	27 OF 27
DETAIL	
W-27	