

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
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:	REUSE
DWN BY:	REF
DATE:	30 APR 07
SHEET NO:	16 OF 18
DETAIL	
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