



**GENERAL NOTES**

1. ALL BURIED BENDS AND TEES SHALL BE MJ MEGA-LUG GLANDS AND HAVE RESTRAINT THRUST BLOCKING IN ACCORDANCE WITH THE STANDARD DETAILS.
2. "ROMA GRIP" RESTRAINED MJ/FLANGED COUPLING ADAPTERS SHALL BE USED FOR TRANSITION INTO THE VAULT.
3. ALL INTERIOR VAULT FITTINGS SHALL BE FLANGED.
4. GATE VALVES SHALL BE RISING STEM OS & Y TYPE
5. "CONBRACO" OR "WATTS" DOUBLE CHECK VALVE SHALL INCLUDE 3/4 INCH BYPASS METER AND CHECK VALVE ASSEMBLY.
6. ACCESS HATCH SHALL BE BILCO ALUMINUM SINGLE SWING AND LOCATED FOR OPTIMUM MAINTENANCE ACCESS.
7. PRECAST CONCRETE VAULT 5 INCH MIN. WALL THICKNESS.
8. VAULTS SHALL BE OPTIMALLY LOCATED WITHIN LANDSCAPED AREAS AND 3-5 FT. CLEAR OF ANY PLANTINGS OR MATURE TREE ROOTS.
9. FINISH GRADE INSIDE VAULT SHALL BE OPEN. MIN. 6 INCH #57 STONE AND 2 FT. MIN. CLEARANCE FROM FINISH FLOOR TO BOTTOM OF FLANGES.
10. FINAL APPROVAL SHALL BE BY FORSYTH COUNTY FIRE DEPARTMENT.



LATEST REVISION

07/14/2017

**CITY OF CUMMING**

DEPARTMENT OF UTILITIES

**FIRE LINE VALVE VAULT**

DETAIL NUMBER:

**W-33**

SCALE: NOT TO SCALE