



NOTES:

1. AT PROPERTY LINE CONNECT TO EXISTING LINE OR MARK WITH BLUE 2' X 4" TIMBER OR SCRIBE "W" ON CONCRETE CURB.
2. VALVE SHALL BE IRON BODY, NON-RISING BRONZE STEM, RESILIENT WEDGE TYPE. VALVE SHALL BE MUELLER, CLOW, KENNEDY, OR M&H AND SHALL MEET ALL REQUIREMENTS OF AWWA C509.
3. VALVE BOX SHALL BE CONSTRUCTED IN ACCORDANCE TO MAINLINE VALVE STANDARD 407.
4. ALL SERVICES MUST HAVE A MINIMUM OF 5' OF COVER BELOW GRADE OR UNDER EXISTING CULVERTS. ADDITIONAL DEPTH MAY BE REQUIRED BY THE ENGINEER.
5. MAINTAIN A MINIMUM OF 18" OF SEPARATION BETWEEN VALVE BOXES, ALSO BETWEEN VALVE BOXES AND OTHER STRUCTURES.
6. VALVE BOXES IN PAVED AREAS SHALL BE SET 3/8" TO 1/2" BELOW FINISHED PAVEMENT.
7. DUCTILE IRON SERVICES 6" OR LESS SHALL HAVE A THAW WIRE BOLTED TO A SADDLE OR CAD WELDED TO THE MAIN/TEE THAT RUNS ALONG THE PIPE AND WOUND AROUND THEN INTO A DRILLED 3/4" HOLE ON THE SAME SIDE OF THE VALVE BOX AS THE MAIN, A SECOND THAW WIRE SHALL BE CAD WELDED TO THE VALVE BODY AND WOUND AROUND THEN INTO THE VALVE BOX ON THE SAME SIDE AS THE PRIVATE PROPERTY. CONTINUITY STRAPS SHALL BE CAD WELDED ACROSS THE VALVE.
8. THE THAW WIRES SHALL BE TESTED FOR ELECTRICAL CONTINUITY AND CONSTRUCTED IN ACCORDANCE WITH CBJ STANDARD 406A.
9. A MANUFACTURED TEE IS REQUIRED FOR SERVICE INSTALLATION ON ALL MAIN LINES LESS THAN 18" IN DIAMETER.
10. ALL JOINTS TO BE MECHANICAL (MEGALUG TYPICAL).
11. CBJ PUBLIC WORKS WATER UTILITY MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE BEFORE TAPPING MAIN.
12. ALL VALVE BOXES SHALL BE RECORDED WITH SWING-TIES AND SUBMITTED TO THE ENGINEER.
13. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADDITION OF CBJ STANDARDS AND SPECIFICATIONS.
14. WRAP BOTTOM OF VALVE BOX WITH FABRIC OR PLASTIC TO PREVENT MATERIAL FROM INFILTRATING THE VALVE BOX.

SCALE: NTS		DATE: 7/8/09	CITY AND BOROUGH OF JUNEAU, ALASKA	
DRAWN BY: STAFF		CHECKED BY: STAFF	DUCTILE IRON WATER SERVICE	
APPROVED BY: <i>DRW</i>		REVISED: 8/14/2011	STANDARD 406B	