



THAW WIRE INSTALLATION DETAIL

- NOTES:
1. BONDING JUMPER MUST MATCH ELECTRICAL COLD WATER GROUND WIRE. (EXAMPLE: NO. 4 WIRE FOR UP TO 200 AMP SERVICE.) BONDING JUMPER CLAMP MUST BE COMPATIBLE WITH COPPER PIPE.
 2. ALL JOINTS OR VALVES ON SERVICE SIDE OF GATE VALVE MUST BE MECHANICAL FITTINGS.
 3. ALL COMMERCIAL FACILITIES AND RESIDENTIAL BUILDINGS WITH TWO OR MORE UNITS MUST INSTALL A WATER METER (OBTAINABLE FROM CBJ WATER UTILITY). SEE STANDARD 420.
 4. ALL UNDERGROUND COPPER TUBE CONNECTIONS (IF ANY) SHALL BE EITHER MUELLER OR FORD FLARED UNIONS, FORD GRIP JOINT COMPRESSION FITTINGS OR APPROVED EQUAL. NIBCO BRAND IS NOT AN APPROVED EQUAL.
 5. MAINTAIN A MINIMUM OF 22"x24" UNOBSTRUCTED CLEARANCE ABOVE GATE VALVE FOR FUTURE METER.
 6. BURIAL DEPTHS GREATER THAN 5' MAY BE REQUIRED BY THE ENGINEER.
 7. CURB BOX MUST BE RESET SO THAT IT IS PLUMB, AND THAW WIRE SHALL BE WOUND AROUND OUTSIDE OF CURB BOX.
 8. UNDERGROUND SERVICE LINE SHALL NOT BE WITHIN 18" OF ANY OTHER SERVICE LINE.
 9. WRAP BOTTOM OF CURB BOX WITH FABRIC OR PLASTIC PRIOR TO BACKFILLING TO KEEP MATERIAL FROM INFILTRATING THE BOX.

SCALE:	NTS	12/12/96	CITY AND BOROUGH OF JUNEAU, ALASKA RESIDENTIAL CUSTOMER LINE WATER SERVICE CONNECTION
DRAWN BY:	DRW	CHECKED BY: STAFF	
APPROVED BY:		REVISED: 8/28/2015	STANDARD 419