



1. PRIOR TO BACKFILL, INSTALL TRACER WIRE ON TOP AND SECURE IN PLACE WITH 2-INCH WIDE PLASTIC ADHESIVE TAPE (SEE TAP COLOR DESIGNATION TABLE).
2. MAINTAIN TRACER WIRE ON PIPE CENTERLINE.
3. USE AWG NO.8 STRANDED COPPER WIRE WITH HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE) INSTALLATION SPECIFICALLY DESIGNED FOR DIRECT BURIAL IN CORROSIVE SOIL OR WATER.
4. PROTECT WIRE INSULATION FROM DAMAGE DURING INSTALLATION AND BACKFILL.
5. ALL TRACER WIRE SHALL BE TESTED AND VERIFIED BY THE ENGINEER.
6. TRACER WIRE IS TO BE CONNECTED TO TERMINATION BOX INSTALLED ADJACENT TO HYDRANT. EXTEND TRACER WIRE UP INSIDE OF TERMINATION BOX LEAVING MINIMUM 18 INCHES OF TAIL WIRE EXPOSED INSIDE TOP OF TERMINATION BOX. CONNECT END OF TRACER WIRE TO TERMINAL BOARD.
7. TRENCH BEDDING MATERIAL SHALL CONFORM WITH TYPICAL UTILITY TRENCH DETAIL AND SPECIFICATION SECTION.



1. THE DATA IN THE WATER PIPE RESTRAINT JOINT TABLE IS BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
SOIL TYPE - SM (SILTY SANDS, SAND-SILT MIXTURES)
TEST PRESSURE - 150 PSI
DEPTH OF BURY - 5.0'
TRENCH TYPE - 5
SAFETY FACTOR - 1.5
2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON PIPE AND PVC PIPE.
3. ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED
4. RESTRAINED PIPE LENGTHS FOR VALVES APPLY TO PIPE ON BOTH SIDES OF VALVES.
5. RESTRAINED JOINTS SHALL EXTEND ONE JOINT BEYOND MIN. LENGTH REQUIRED.



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PROJECT

DRAWN BY JWH	CHECKED BY SK
SCALE AS NOTED	DATE 06/28/2019

SHEET TITLE

DETAILS

SHEET NO.

C-908

SHEET 17 OF 18