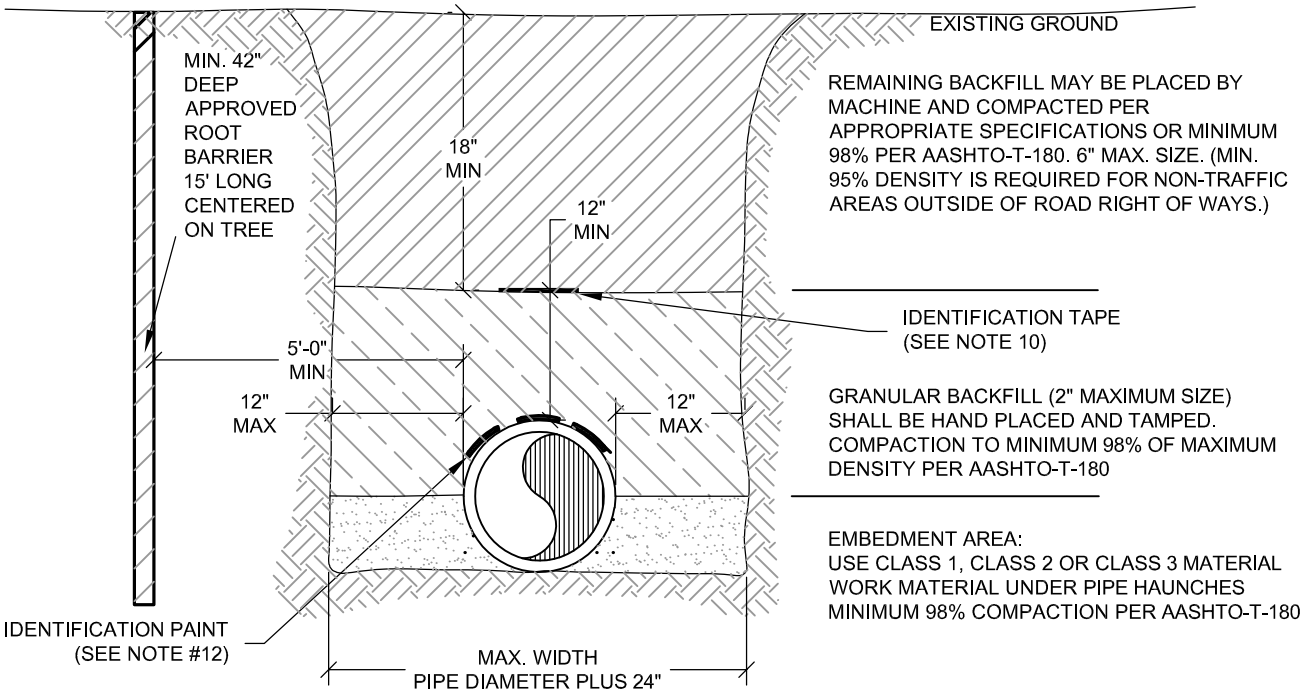

NOTES:

CLASS 1 MATERIAL - ANGULAR 1/4" TO 3/4" GRADED STONE SUCH AS CORAL, CRUSHED STONE, CRUSHED SHELLS, OR BEDDING ROCK (100% PASSING 1" SIEVE)

CLASS 2 MATERIAL - COURSE SAND AND GRAVEL WITH A MAXIMUM PARTICLE SIZE OF 3/4" WITH A SMALL PERCENTAGE OF FINES COMPACTED TO A MINIMUM OF 98% DRY DENSITY PER AASHTO T-180

CLASS 3 MATERIAL - FINE SAND AND CLAYEY GRAVEL INCLUDING FINE SANDS, SAND-CLAY MIXTURES, AND GRAVEL-CLAY MIXTURES, COMPACTED TO A MINIMUM OF 98% DRY DENSITY PER AASHTO T-180.

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8"- 7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. IF CLASS 1 MATERIAL IS USED FOR BEDDING, IT SHALL BE USED FOR THE ENTIRE EMBEDMENT AREA.
3. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
4. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
5. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
6. DENSITY TESTS ARE REQUIRED IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM OR AS DIRECTED BY THE TOWN.
7. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
8. SEE SEPARATE DETAIL FOR INSTALLATION UNDER PAVEMENT "TRENCH - PAVEMENT RESTORATION DETAIL."
9. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
10. APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL POTABLE WATER MAINS. THE TAPE SHALL BE INSTALLED MAX. 24" BELOW FINISHED GRADE.
11. ROOT BARRIER IS REQUIRED FOR APPROVED TREE INSTALLATIONS CLOSER THAN 10 FEET FROM UTILITY FACILITIES.
12. CONTINUOUS 4" WIDE BLUE PAINT STRIPING IN ACCORDANCE WITH F.A.C. 62-555.320(10) IS REQUIRED FOR DIP WATER MAINS.
13. A TRACER WIRE SYSTEM SHALL BE INSTALLED ON ALL NON-DUCTILE IRON WATER MAIN WITH TEST STATIONS AT ALL WATER MAIN VALVES (NOT HYDRANT VALVES) AND MAGNESIUM ANODES AT ALL PIPE DEAD ENDS AND TIE-IN POINTS. TRACER WIRE MATERIAL SHALL BE COPPERHEAD INDUSTRIES, LLC OR APPROVED EQUAL, INSTALLATION AND TESTING SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. TRACER WIRE SHALL BE TIED TO PIPE AT 10' MAX. INTERVALS. SEE DETAIL W-6 FOR ACCEPTABLE MATERIAL.

WATERMAIN EMBEDMENT DETAIL

JUPITER UTILITIES
CONSTRUCTION STANDARDS AND DETAILS

DATE APPROVED: 06/2017

DRAWING No. W-5