

CITY OF PEMBROKE PINES
ENGINEERING/UTILITIES DIVISION

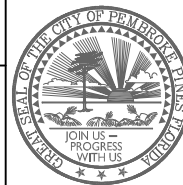
STANDARD WATER
DISTRIBUTION DETAIL

APPROVED: K.M.K

REVISED:
 08/23/22

DOUBLE DETECTOR CHECK
VALVE FOR FIRE LINE

DATE: 05/13/19




W-6

SHEET 1 OF 2

NOTES:

1. MECHANICAL JOINT FITTINGS SHALL BE REQUIRED UNDERGROUND BACK TO "SUPPLY MAIN" AND FLANGED FITTINGS FOR ABOVE GROUND WATER METER, BACKFLOW PREVENTER AND ALL PIPING FITTINGS/APPURTENANCES. NO UNIFLANGES WILL BE PERMITTED. ALL HARDWARE (BOLTS, NUTS, ETC.) FOR ABOVE GROUND FLANGED FITTINGS (CONNECTIONS) SHALL BE STAINLESS STEEL.
2. THE ABOVE GROUND ASSEMBLY AND PIPING FITTINGS/APPURTENANCES SHALL BE PAINTED WITH TNEMEL EPOXY/POLYURETHANE COATING OR CITY APPROVED EQUAL BASED UPON TNEMEL'S/PAINT MANUFACTURER'S RECOMMENDATION PER APPLICATION. PAINTING SHALL BE COMPLETED ONLY AFTER TNEMEL'S/PAINT MANUFACTURER'S REQUIRED SURFACE AND PREPARATION MEASURES HAVE BEEN COMPLETED, INSPECTED, AND ACCEPTED BY THE CITY.
3. ADJUSTABLE PIPE JACKS/SUPPORT PIERS AS APPROVED BY THE CITY PER SHOP DRAWINGS SUBMITTAL SHALL BE PROVIDED AT LOCATIONS AS SHOWN OR AS OTHERWISE DIRECTED BY CITY IN THE FIELD.
4. 5' HIGH CHAIN LINK FENCE SHALL BE GALVANIZED AND CONFORM TO BUILDING DEPARTMENT REQUIREMENTS.
5. ALL LOW FLOW BY PASS METER PIPING AND FITTINGS SHALL BE THREADED BRASS.
6. ALL PIPING SHALL BE D.I.P. WATER MAIN SHALL BE CLASS 350 OR AS REQUIRED PER N.F.P.A/CITY FIRE PREVENTION BUREAU STANDARDS/REQUIREMENTS AND RESTRAINED BACK TO THE POINT OF SERVICE WITH MEGALUGS.
7. 3' WIDE (MIN.) 6" THICK CONCRETE SLAB HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI ON 12" STABILIZED SUBGRADE HAVING A MINIMUM LBR OF 40 COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 MAY BE PROVIDED AS AN ALTERNATE TO THE 6" OF ¾" PEA ROCK BEDDING AND 16"X16" CONCRETE SUPPORT BASES.
8. EACH DS&Y VALVE SHALL BE MONITORED BY AN ELECTRONIC TAMPER SWITCH CONNECTED TO A CENTRAL ALARM SERVICE.

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