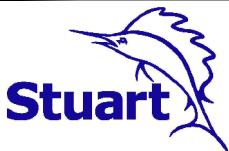


PLAN VIEW

NOTES:

1. ALL PIPE AND FITTINGS SHALL BE CLASS 53 DUCTILE IRON.
2. ALL UNDERGROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT TYPE & ALL ABOVE GROUND FITTINGS SHALL BE FLANGE JOINTS, FULL FACE NEOPRENE GASKETS WITH STAINLESS STEEL BOLTS.
3. METER BY-PASS TO BE HALF THE SIZE OF SERVICE SIDE ASSEMBLY (POTABLE WATER SERVICE ONLY).
4. METER BY-PASS TO BE SAME SIZE AS SUPPLY TO METER (POTABLE WATER SERVICE WITH FIRE SERVICE).
5. 12" MIN. / 16" MAX. CLEARANCE IS REQUIRED FROM THE TOP OF THE CONCRETE PAD TO THE BOTTOM OF THE RELIEF VALVE.
6. ASSEMBLY MUST BE SCREENED. LANDSCAPING MUST SCREEN AT PLANT HEIGHT, NO GROW IN PERIOD. A 18" CLEAR ZONE SHALL BE MAINTAINED AROUND ASSEMBLY.
7. ALL SPOOL PIECES TO BE AT LEAST 18" IN LENGTH.
8. PROVIDE CHAINS & LOCKS FOR THE VALVES AS REQUIRED BY THE UTILITY.
9. OS&Y GATE VALVES NEEDED IF SERVICES FIRE SYSTEM.



STANDARD UTILITY DETAILS
City of Stuart
Utilities & Engineering Department

121 S.W. Flagler Avenue, Stuart, Florida 34994

BACKFLOW PREVENTION ASSEMBLY

DATE: OCTOBER 2021
FILE NAME: 2021 COS Std Details.dwg

SHEET NUMBER
32