

#### **4. POTABLE WATER SYSTEM DETAILS -EXHIBIT LISTING**

- 1W POTABLE WATER SERVICE SINGLE 5/8" X 3/4" AND 1" METER INSTALLATION (PVC)
- 2W POTABLE WATER SERVICE SINGLE 5/8" X 3/4" AND 1" METER INSTALLATION (POLYETHYLENE)
- 3W POTABLE WATER SERVICE DUAL 5/8" X 3/4" METER INSTALLATION (PVC)
- 4W POTABLE WATER SERVICE DUAL 5/8" X 3/4" METER INSTALLATION (POLYETHYLENE)
- 5W POTABLE WATER TYPICAL CONNECTION FOR MULTIPLE SERVICES
- 6W POTABLE WATER 1-1/2" METER INSTALLATION
- 7W POTABLE WATER 2" METER INSTALLATION
- 8W POTABLE WATER 3" METER INSTALLATION
- 9W POTABLE WATER 4" METER INSTALLATION
- 10W POTABLE WATER 6" METER INSTALLATION
- 11W TYPICAL UTILITY INSTALLATION DETAIL IN A 10' UE PARALLEL TO R/W
- 12W TYPICAL FIRE HYDRANT INSTALLATION WITH BOLLARDS DETAIL
- 13W POTABLE WATER MAIN TYPICAL GATE VALVE SETTING AND MAIN CUT-IN DETAIL
- 14W POTABLE WATER MAIN TYPICAL BUTTERFLY VALVE SETTING
- 15W PERMANENT SAMPLE POINT
- 16W POTABLE WATER MAIN TEMPORARY SAMPLING POINT
- 17W POTABLE WATER MAIN FIRE HYDRANT SAMPLING POINT
- 18W POTABLE WATER MAIN - WASTEWATER & STORM SEWER CONFLICT
- 19W POTABLE WATER MAIN/FORCE MAIN PRESSURE PIPE CONFLICT DETAIL
- 20W TYPICAL THRUST BLOCKS FOR PRESSURE PIPE
- 21W TYPICAL 2" TERMINAL BLOWOFF POTABLE WATER DISTRIBUTION MAINS
- 22W POTABLE WATER MAIN CASING INSTALLATION DETAILS
- 23W TYPICAL TRENCH DETAIL/ROOT BARRIER INSTALLATION DETAIL
- 24W OPEN CUT PIPE INSTALLATION - NON-THOROUGHFARE ROAD
- 25W OPEN CUT PIPE INSTALLATION - THOROUGHFARE ROAD
- 26W POTABLE WATER MAIN TYPICAL AERIAL CANAL CROSSING - SINGLE PIPE (SINGLE PILES)
- 27W FAN GUARD/PILE CAP DESIGN - SINGLE PIPE (SINGLE PILES)
- 28W POTABLE WATER MAIN UNDERGROUND AIR RELEASE VALVE & VAULT IN NON-TRAFFIC AREAS OUTSIDE OF ROAD RIGHTS-OF-WAY 29W POTABLE WATER MAIN AIR RELEASE MANHOLE IN PAVED AREA AND IN ROAD RIGHT-OF-WAY
- 30W POTABLE WATER MAIN OFF-SET UNDERGROUND AIR RELEASE VALVE
- 31W POTABLE WATER MAIN PRESSURE TEST CRITERIA
- 32W DOUBLE CHECK DETECTOR ASSEMBLY
- 33W STANDARD POTABLE WATER MAIN TIE-IN
- 34W MECHANICAL THRUST RESTRAINT-MINIMUM PIPE LENGTHS
- 35W UNDERGROUND PIPELINE SIGN DETAIL
- 36W SINGLE UNDERGROUND PIPELINE SIGN DETAIL
- 37W DUAL UNDERGROUND PIPELINE SIGN DETAIL
- 38W LWDD-SINGLE PIPE PARALLEL INSTALLATION (UNDERGROUND PIPELINE SIGN INSTALLATION DETAIL)
- 39W LWDD-DUAL PIPE PARALLEL INSTALLATION (UNDERGROUND PIPELINE SIGN INSTALLATION DETAIL)

**4. POTABLE WATER SYSTEM DETAILS -EXHIBIT LISTING (cont'd)**

- 40W LWDD-SINGLE PIPE SUBAQUEOUS CROSSING (UNDERGROUND PIPELINE INSTALLATION DETAIL)
- 41W LWDD-DUAL PIPE SUBAQUEOUS CROSSING (UNDERGROUND PIPELINE SIGN INSTALLATION DETAIL)
- 42W ALTERNATE POTABLE WATERMAIN TIE-IN DETAIL
- 43W AUTOMATIC FLUSHING ASSEMBLY (TYPE A)
- 44W AUTOMATIC FLUSHING ASSEMBLY (TYPE B)
- 45W RIP-RAP INSTALLATION

**POTABLE WATER SYSTEM**

**STANDARD DETAILS SHEETS**

**1W - 45W**