

| DESCRIPTION | SYMBOL FOR DRAWING | SYMBOL FOR FACILITIES MAP |
|---|--------------------|---------------------------|
| GATE VALVE | | |
| BUTTERFLY VALVE | | |
| ZONE VALVE | | |
| CHECK VALVE | | |
| ALTITUDE VALVE | | |
| AIR RELIEF VALVE | | |
| BY-PASS VALVE | | |
| TAPPING SLEEVE | | |
| FLANGE COUPLING ADAPTER | | NOT APPLICABLE |
| TRANSITION COUPLING | | |
| REDUCER | | |
| PUMP STATION | NOT APPLICABLE | |
| CAP OR PLUG | | |
| PLUG WITH BLOW-OFF ASSEMBLY (2" BLOW-OFF ASSEMBLY, UNLESS NOTED OTHERWISE) | | |
| FIRE HYDRANT WITH 2-1/2"+4-1/2" OUTLETS | | |
| FIRE HYDRANT WITH TWO 2-1/2"+4-1/2" OUTLETS | | |
| FIRE SERVICE _ DCA | | |
| PRESSURE REDUCING STATION | NOT APPLICABLE | |
| TELEMETRY PULL BOX | | |
| SAMPLING STATION | | |
| ELECTROLYSIS TEST STATION (NO ANODE) | | |
| CATHODIC PROTECTION STATION | | |
| SACRAFICIAL ANODE | | NOT APPLICABLE |
| SINGLE SERVICE | | |
| DUAL SERVICE | | |
| LOW / HIGH PRESSURE SERVICE | LP / HP | NOT APPLICABLE |
| SERVICE LATERAL ONLY (NO METER) | | |
| SERVICE NO. _____ (TYPE OF SERVICE LATERAL STREET ADDRESS MATERIAL IF OTHER THAN COPPER) | 15000 2 | 15000 2 |
| JOB NUMBER | J-490 | J-490 |
| CHANGE OF JOB NUMBER | J-490 NEW JOB | J-490 X J-5300 |

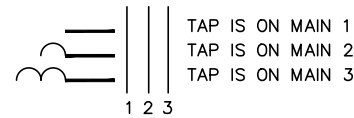
WATER MAIN FOR FACILITY MAP:

ZONE 1 _____
 ZONE 2 _____
 ZONE 3 _____
 INTERMEDIATE

SYMBOL FOR DRAWING DESIGN

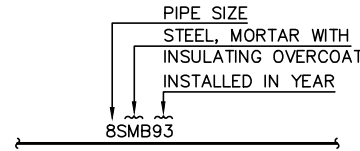
EXISTING FACILITIES
 DESIGN OR AS-BUILT

SYMBOL FOR SERVICE TAPS TO MAIN



TYPICAL FACILITY MAP

WATERMAIN IDENTIFICATION



ABBREVIATION FOR PIPE:

- A ASBESTOS CEMENT
- C CAST IRON
- F FUSED PVC
- N PLASTIC
- H HIGH DENSITY POLYETHYLENE
- S STEEL
- L, R, T or P REINFORCED CONCRETE
- GS GALVANIZED STEEL
- K COPPER/BRASS
- P POLYBUTELYNE (FOR LATERALS ONLY)

LINING

- M MORTAR OR CEMENT, AWWA C205
- B "BITUMASTIC"-ASPHALTIC, COAL TAR, etc. AWWA C203
- U UNLINED

COATING

- M MORTAR OR CEMENT, AWWA C205
- B "BITUMASTIC"-ASPHALTIC, COAL TAR, etc. AWWA C203
- BM "B" WITH "M" OVER IT
- MB "M" WITH "B" OVER IT
- P PLASTIC TAPE WRAP, AWWA C214 or EXTRUDED - AWWA C215 or C216
- E EPOXY, LIQUID-AWWA C210 or FUSION BONDED - AWWA C213

THIS STANDARD REPLACES NMWD STD-A-18 AND A-19



SYMBOLS AND ABBREVIATIONS

| APPROVED | DATE | REV | STD NO |
|----------|----------|-----|--------|
| | 11/18/14 | 6 | 24 |