**TRACER WIRE**

**NOTES:**

1. Tracing wire to be single continuous length of wire between locate stations. If splice is needed, TVWD approval required.
2. Provide concrete pad around valve box if located outside of paved areas, per TVWD Detail 402.
3. Installation of conduit under curb and sidewalk shall utilize trenchless method to avoid damage to sidewalk.
4. Install on mains deeper than 7 feet regardless of size. Tracer wires shall not be installed deeper than 8 feet. For pipes deeper than 8 feet install tracer wire above pipe at 8 feet depth.

**PLANS:**

- FINISH GRADE
- 12" MAX BELOW SURFACE
- FILL W/ 10-12" SAND
- BLUE HOPE COATED 19 AVG TRACER WIRE OR APPROVED EQUAL
- WARNING TAPE (PIPE AND LOCATE STA CONDUIT) AS REQUIRED
- 1" OR TOP OF PIPE ZONE
- BLACK GROUND WIRE, CONNECTED TO GROUNDING ANODE
- TAPE WIRE TO PIPE AT 6" INTERVALS
- TRACER WIRE TO TRACER WIRE OR "Pig-Tail" WITH TS-12-19-1L (OR APPROVED EQUAL)
- 4" PVC PIPE, GLUE TO 4" PVC PIPE
- LOOP TRACER WIRE AND BLACK GROUND WIRE AROUND 4" PVC PIPE
- TRACER WIRE ALONG MAIN
- TRACER WIRE TO GROUNDING ANODE
- CONNECTION BLACK GROUND WIRE TO TRACER WIRE OR "Pig-Tail" WITH TS-12-19-1L (OR APPROVED EQUAL)
- PLAN VIEW 4" PVC CAP

**SPECIFICATIONS:**

- 6" TYPE SDR 35 PVC, D3034 PIPE SPACER LENGTH AS NECESSARY, WITH 8"x6" PVC SDR35 REDUCER SXS PER DETAIL 402
- ENCLOSET TRACING WIRE IN 1.5" CONDUIT FROM PIPE TO VALVE CAN, NOT SHOWN
- NOTE: IF AT "MIDSPAN" OF TRACER WIRE RUN ADDITIONAL TRACER CLIP AND WIRE DOWN 4" PVC CAP WILL BE ALLOWED

**Drawings:**

- PLAN VIEW
- DESIGN: MBA
- APPROVED: NWA
- SCALE: NONE

**Date:** 11/2019