SINGLE TRACE–SAFE® NO SPLICES ALLOWED
1.5" CONDUIT SCH 80 WITH GLUED JOINTS
SEE NOTE 1

5' SIDEWALK

EXTEND VALVE CAN TO NEAREST UNPAVED SURFACE SEE NOTE 2

9 LB. MAGNESIUM GROUNDING ANODE

PLAN VIEW

REFERENCES

4" PIPE & CAP SEE DETAIL BELOW

6" TYPE SDR 35 PVC, D3034 PIPE SPACER LENGTH AS NECESSARY, WITH 8"x6" PVC SDR35 REDUCER SX5 PER DETAIL 402

WARNING TAPE (PIPE AND LOCATE STA CONDUIT) AS REQUIRED

NOTE:
IF AT "MIDSPAN" OF TRACE–SAFE® WIRE RUN ADDITIONAL TRACE–SAFE® CLIP AND WIRE DOWN 4" PVC CAP WILL BE ALLOWED

FINISH GRADE

12" MAX BELOW SURFACE

FILL W/ 10–12" SAND

BLUE HOPE COATED 19 AVG TRACE–SAFE® TRACING WIRES, OR APPROVED EQUAL

1" OR TOP OF PIPE ZONE

BLACK GROUND WIRE, CONNECTED TO GROUNDING ANODE

TAPE WIRE TO PIPE AT 6" INTERVALS

TRACER–SAFE® TS–19–LC LOCATING CLIP W/ CAP (OR APPROVED EQUAL)

CONNECT BLACK GROUND WIRE TO TRACE–SAFE® WIRE OR "PIC–TAIL" WITH TS–19–19–4L (OR APPROVED EQUAL)

1/4" EYE BOLT

1/4" VENT HOLE (2)

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 5 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 6 FEET DEPTH.

TUALATIN VALLEY WATER DISTRICT

DESIGNED: MBA
APPROVED: NWA
SCALE: NONE

DATE: 9/2020
DETAIL 309