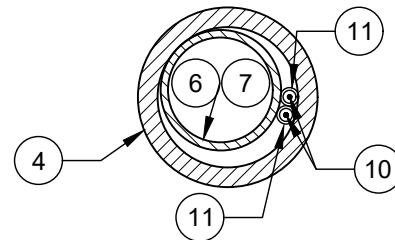
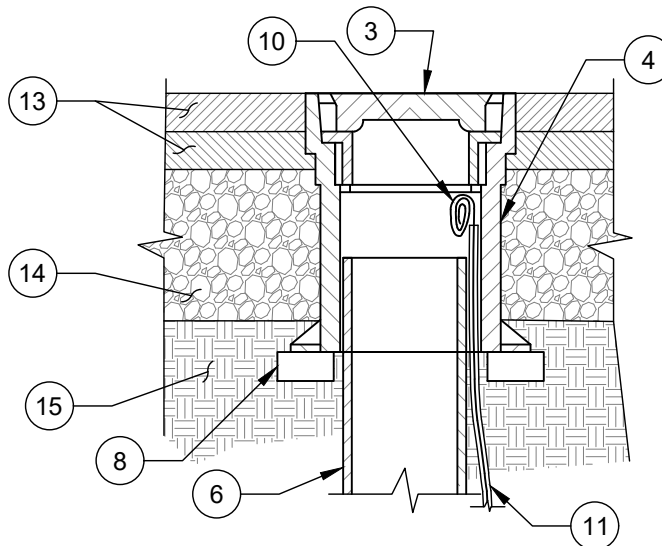


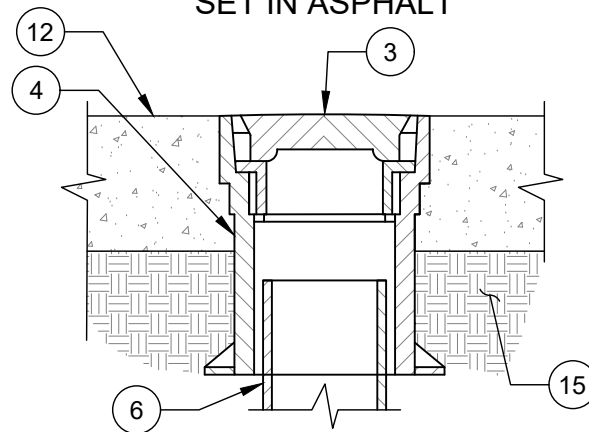
USING PVC OR DIP
STANDPIPE



SECTION A-A



ALTERNATE A
SET IN ASPHALT



ALTERNATE B
CAST IN CONCRETE

NO. DESCRIPTION:

1. 24" X 24" PRECAST (OR CAST IN PLACE) CONCRETE PAD OR 24" DIAMETER PRECAST PAD.
2. NON - SHRINK GROUT - FILL ANNULAR SPACE.
3. VALVE BOX COVER.
4. CAST IRON VALVE BOX.
5. EXTENSION STEM AS REQUIRED. SEE NOTES.
6. VALVE BOX BOTTOM SECTION.
7. 6" DIP OR C900 PVC STANDPIPE.
8. STANDARD CONCRETE BRICK - 2 EACH.
9. GATE VALVE (OR BALL VALVE, AS APPLICABLE).
10. AWG #12 GAUGE COPPER TRACER WIRE WITH 30 MIL HDPE BLUE INSULATION, TERMINATE WITH 24 INCH EXCESS WIRE (COILED) AT VALVE BOX (TYP.).
11. 1/4" OR 3/8" ID CONDUIT - SDR 10 PEX TUBING - ASTM F 976.
12. CONCRETE (ROADWAY, DRIVEWAY OR SIDEWALK).
13. ASPHALT PAVEMENT.
14. COMPACTED AGGREGATE BASE COURSE (CABC) OR ASPHALT BASE COURSE.
15. COMPACTED SUBGRADE.
16. PLASTIC VALVE CENTERING DISK (EX: PLASTIC POSI-CAP VALVE BOX ALIGNER DISK) REQUIRED TO KEEP VALVE BOX ALIGNED DURING BACK FILLING.
17. ALUM OR STEEL CENTERING DISK.

NOTES:

- A. STANDPIPE TO BE CENTERED OVER VALVE NUT AND SHALL NOT BEAR ON VALVE BODY.
- B. PROVIDE CLEARANCE BETWEEN BRICK AND THE VALVE.
- C. WHEN OPERATING NUT DEPTH EXCEEDS 3' BELOW FINISHED GRADE, PROVIDE EXTENSION STEM WITH STANDARD 2" SQUARE OPERATING NUT IN TOP SECTION OF VALVE BOX. SEE STANDARD DETAIL.
- D. VALVE BOX ASSEMBLY SHALL CONSIST OF NO MORE THAN 2 VERTICAL SECTIONS - 1 VALVE BOX, AND 1 - STANDPIPE RISER SECTION.
- E. CONCRETE PADS SHALL NOT BE USED IN PAVEMENT (CONCRETE OR ASPHALT), SIDEWALKS OR DRIVEWAYS.
- F. VALVE BOX ASSEMBLY SHALL BE INSTALLED SO IT DOES NOT APPLY IMPACT LOADING TO THE VALVE.