

PART 310 – LOCATOR WIRE AND DETECTABLE MARKING TAPE

- 310.1 A Number 8 bare copper conductor wire or Number 12 copper-clad steel (CCS) wire, 21% conductivity, for the purpose of locating PVC and HDPE water pipe shall be buried along the top of the pipe, and connected at each end to a fire hydrant by Cadweld Brazing just above the ground.
- 310.2 Detectable Mylar marking tape for location of PVC and HDPE water pipe shall be required in areas as designated by the Engineer, more generally in commercial zones and open areas. Detectable Mylar marking tape shall be 2 inches wide, blue in color with a continuous black lettered imprint stating "Caution: Water Line Below". Tape shall be equal to Lineguard Tape III as manufactured by Lineguard, Inc. of Wheaton, Illinois.
- 310.3 Detectable Mylar marking tape for location of PVC, fiberglass, and other non-metallic, non-conductive sewer pipe shall be required in areas as designated by the Engineer, more generally in commercial zones and open areas. Detectable Mylar marking tape shall be 3 inches wide, green in color with a continuous black lettered imprint stating "Caution: Sewer Line Below". Tape shall be equal to Lineguard Tape III as manufactured by Lineguard, Inc. of Wheaton, Illinois.
- 310.4 Detectable Mylar Tape shall be buried above all non-metallic, non-conductive water and sewer lines at a depth of 10 inches below the surface.
- 310.5 Non-detectable 4 mil plastic marking tape for location of all sewer pipe shall be required in all areas. Non-detectable plastic marking tape shall be 3 inches wide, green in color with a continuous black lettered imprint stating "Caution: Sewer Line Below". Tape shall be buried 18 inches above sewer line.
- 310.6 Payment for tape and wire shall be included with unit price payment for pipe.