



1. SOILS SHALL BE COMPACTED TO A DENSITY OF 90% OF ORIGINAL DRY MATTER.
2. THRUST BLOCKS SHALL NEVER BE PLACED OVER WIRES. CARE SHALL BE TAKEN TO ROUTE WIRES AROUND ALL THRUST BLOCKS.
3. WIRE SHALL BE "SNAKED" IN THE TRENCH WITH A MINIMUM OF 1% SLACK
4. THERE SHALL BE A MINIMUM OF 36" (IN) EXPANSION LOOP AT EACH CHANGE OF DIRECTION FITTING 45° OR MORE.
5. ALL LIKE WIRES SHALL BE TAPED TOGETHER AT INTERVALS OF EVERY 10' (FT).
6. ALL 24 VOLT WIRES AND MAXI CABLE SHALL BE PLACED A MINIMUM OF 16" (IN) BELOW GRADE EXCEPT WHEN CROSSING ROADWAYS OR PARKING LOTS WHERE DEPTH SHALL BE A MINIMUM OF 24" (IN) BELOW GRADE.
7. ALL POWER CABLE SHALL BE PLACED AT A MINIMUM OF 24" (IN) BELOW GRADE.
8. THE BONDING WIRE SHALL BE #6 AWG SOLID CORE BARE COPPER WIRE.
9. THE BONDING WIRE SHALL BE LAID IN THE TRENCH AS STRAIGHT AS POSSIBLE AND POSITIONED APPROXIMATELY 4" (IN) ABOVE THE PIPE AND A MINIMUM OF 12" (IN) BELOW GRADE.
10. PROVIDE AS MUCH SEPARATION AS POSSIBLE BETWEEN MAXI AND POWER CABLES.

**MAINLINE PIPE AND WIRE TRENCH WITH BONDING WIRE**  
**- MAXI CABLE, POWER CABLE AND ZONE WIRES -**

NOT TO SCALE