



## IRRIGATION

### PART 1 - PRODUCTS

#### 1.1 DECODER WIRE

- A. Connect Smartline Controller to SmartLine Decoder(s) using, models WLWIRE122-XXXX or SLWIRE142-XXXX as indicated on the Drawings, manufactured by Weathermatic Sprinkler Division of Telsco Industries.
1. Conductors must be soft drawn, annealed, solid copper conforming to ASTM 33. Conductor insulation must be 4/64-inch thick polyvinyl chloride (PVC) conforming to UL #493.
  2. Two insulated conductors shall be laid in parallel and encased in a single outer jacket of 3/64-inch thick, high-density, sunlight resistant polyethylene conforming to ICEA S-61-402 and NEMA WC5, having a minimum wall thickness of .045-inch.
  3. The two conductors must be color-coded: normally one conductor red and the other black. Both conductors shall be the same size.
  4. Wire shall be sized as either 12 or 14 AWG as indicated on the irrigation plan, but shall not exceed manufacturer's published limits for maximum wire distances.
  5. All connections to the irrigation control wires along the two-wire path shall be made using SLCONN splice kits as manufactured by Weathermatic Sprinkler Division of Telsco Industries.