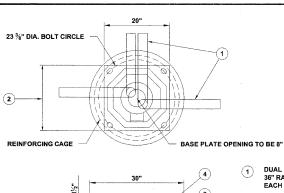
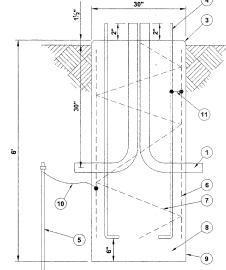


- STANDARD-TYPE SMALL DIMENSION DOUBLE
  POLE FUSEHOLDER WITH INSULATED BOOTS,
  FUSING AND SOLID NEUTRAL. (SEE SPECS)
- 2 2-1/C #10 AWG, 600V TYPE RHW, SOLID COLOR
- 3 SPLICE AS SPECIFIED
- 3/8" 16 TAPPED HOLE BE PROVIDED FOR GROUND LUG (U/L LISTED)
- 5 INSULATED GROUND WIRE, 600V TYPE RHW, SOLID COLOR GREEN, SIZE AS SPECIFIED
- 6 UNIT DUCT
- 7 3" P.V.C. CONDUIT RACEWAYS
- ENDS OF THE UNIT DUCT SHALL BE SEALED AGAINST THE ENTRANCE OF WATER
- 9 NEUTRAL CONDUCTOR, 600V TYPE RHW, SOLID COLOR WHITE, SIZE AS SPECIFIED
- SOLID COLOR WHITE, SIZE AS SPECIFIED
- 10 PHASE CONDUCTOR, 600V TYPE RHW, SOLID COLOR, SIZE AS SPECIFIED

NOTE: ALLOW 30" LOOP OF CABLES TO INSURE SUFFICIENT SLACK FOR WITHDRAWAL OF THE CONNECTORS OUTSIDE OF THE POLE HANDHOLE.

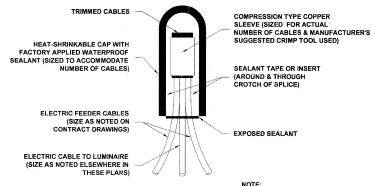
**POLE HANDHOLE WIRING DIAGRAM** 





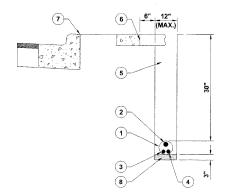
- DUAL 3" DIA. P.V.C. ELBOW RACEWAYS WITH 36" RADIUS, EITHER PARALLEL OR OPPOSITE EACH OTHER AS SHOWN ON PLAN SHEETS
- MANUFACTURER TO FURNISH TEMPLATE
  DRAWING FOR SETTING OF ANCHOR BOLTS
- 3 1" CHAMFER
- 4 1" x 60" STEEL ANCHOR BOLTS, TOP 10"
  THREADED AND GALVANIZED ENTIRE LENGTH
- 5/8" x 10" GROUND ROD CONNECTED TO GROUND WIRE WITH EXOTHERMIC WELD AT ALL POLE LOCATIONS
- 6 8 #5 REINFORCING BARS EQUALLY SPACED AROUND AN 24" DIA. CIRCLE
- 7 #4 SPIRAL TIE BARS WITH 6" PITCH
- (8) CLASS SI CONCRETE
- FOUNDATION LOCATIONS AS SHOWN ON PLAN SHEETS.
- 0 No. 2/0 BARE COPPER GROUND WIRE TO GROUND ROD AND REINFORCING BARS WITH EXOTHERMIC WELD
- No. 2/0 BARE COPPER GROUND WIRE TO GROUND ROD WITH EXOTHERMIC WELD

## **CONCRETE LIGHT POLE FOUNDATION**



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

## SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS

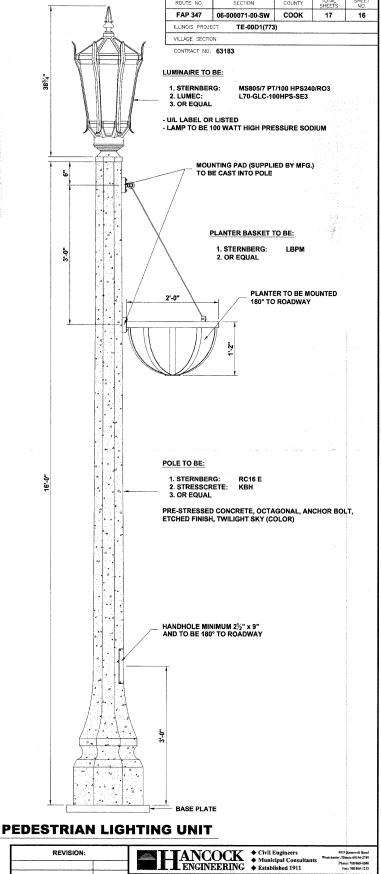


- 1 UNIT DUCT AS PER SPECIFICATIONS
- 2 GROUND WIRE AS PER SPECIFICATIONS
- 3 PHASE WIRE AS PER SPECIFICATIONS
- 5 CABLE TRENCHES UNDER SIDEWALKS OR PAVEMENT SHALL BE BACKFILLED WITH SAND OR SCREENINGS

**NEUTRAL WIRE AS PER SPECIFICATIONS** 

- 6 WHERE NECESSARY SAW CUT EXISTING SIDEWALKS OR PAVEMENT 6" WIDER THAN TRENCH WIDTH
- (7) EXISTING BACK OF CURB OR EDGE OF PAVEMENT
- WHERE ROCK IS ENCOUNTERED EXCAVATE
  TRENCH 3" DEEPER AND CONSTRUCT A 3"
  THICK SAND CUSHION

## TYPICAL TRENCH CROSS SECTION



VILLAGE OF WESTCHESTER
ROOSEVELT ROAD (FAP 347)
BEAUTIFICATION PROJECT

LIGHTING DETAILS

| DRAWN BY: MK | CHECKED BY: JCG | SCALE: NONE | DATE: 04/15/08

E.H.E. PROJECT NO.: 838-06-26320