LEAVE 2" (IN) MAX. OF OUTER JACKET OF POLE AND BRACKET CABLE AT BOTTOM OF CLAMP (TYPICAL)

GROUNDING NUT

STRIP OUTER JACKET OFF POLE AND BRACKET CABLE (TYPICAL)

SINGLE QUICK DISCONNECTS

POLE AND BRACKET CABLE – TO LUMINAIRE HEAD

CONDUCTOR ATTACHMENT BRACKET

HAND HOLE

ELIMINATE ALL SLACK

SINGLE QUICK DISCONNECTS

LUMINAIRE POLE

TO GROUNDING NUT

CONDUCTOR DISCONNECTS

SEE DETAIL "C" OR "D" PER CONDUIT TYPE

BASE WIRING DETAIL FOR SINGLE MAST ARM (SLIP BASE SHOWN – FIXED BASE SIMILAR)

BASE WIRING DETAIL FOR DOUBLE MAST ARMS (SLIP BASE SHOWN FIXED BASE SIMILAR)

5' - 0" MIN. (PREFERRED)

10' - 0" MAX.

POLE AND BRACKET CABLE

LIGHT STANDARD BASE (SLIP BASE SHOWN - FIXED BASE SIMILAR)

FINISHED GROUND LINE

TRAVELED WAY

SHOULDER

JUNCTION BOX – SEE JUNCTION BOX WIRING DETAIL, SHEET 2

TYPICAL LOCATION OF JUNCTION BOX AND FOUNDATION

CONCRETE FOUNDATION – SEE STANDARD PLAN J-28.30

EQUIPMENT BONDING JUMPER – FROM RMC CONDUIT

EQUIPMENT GROUNDING CONDUCTOR

NOTE: AND MAY BE SAME WIRE

EQUIPMENT BONDING JUMPER – FROM FOUNDATION

DOUBLE QUICK DISCONNECTS – PULL DOWN TIGHT TO CONDUIT (SHOWN LEFT UP FOR CLARITY)

TO GROUNDING NUT

CONDUCTOR DISCONNECTS

DETAIL "C" PVC CONDUIT

DETAIL "D" RMC CONDUIT

POLE AND BRACKET CABLE – TO LUMINAIRE HEADS

CONDUCTOR ATTACHMENT BRACKET

HAND HOLE

ELIMINATE ALL SLACK

GROUNDING NUT

TO GROUNDING NUT

CONDUCTOR DISCONNECTS

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EQUIPMENT BONDING JUMPER – FROM FOUNDATION

DOUBLE QUICK DISCONNECTS – PULL DOWN TIGHT TO CONDUIT (SHOWN LEFT UP FOR CLARITY)
1. Each wire shall be physically separated by at least 1/4" (in) so that sealing material can fill in between the wires, where heat shrink tubing is used for the outer splice enclosure, it shall meet one of the following requirements:
   a. Have separate ports for each conductor ("WYE" or "X" shaped tubing). ~ or ~
   b. Have rubber electrical mastic tape wrapped around each conductor to ensure a weatherproof seal. See Rubber Electrical Mastic Tape Installation Detail, Standard Plan J-50.05.

2. Where heat shrink tubing is used, it shall extend a minimum of one inch onto the original wire insulation for each wire in the splice. Rigid splice enclosures shall be centered over the crimped connection.

3. Electrical tape used in splicing applications shall be 3/4" (in) wide, be UL listed under UL 510, and be CSA Certified under C22.2 NO. 197-M1983.

4. Crimp splices shall be installed with an approved crimping tool for the type and size of crimp splice used. Pliers and similar multi-purpose tools may not be used.

5. The equipment grounding conductor connected to the light standard shall include 18 inches of slack on the pole side of the cable tie.