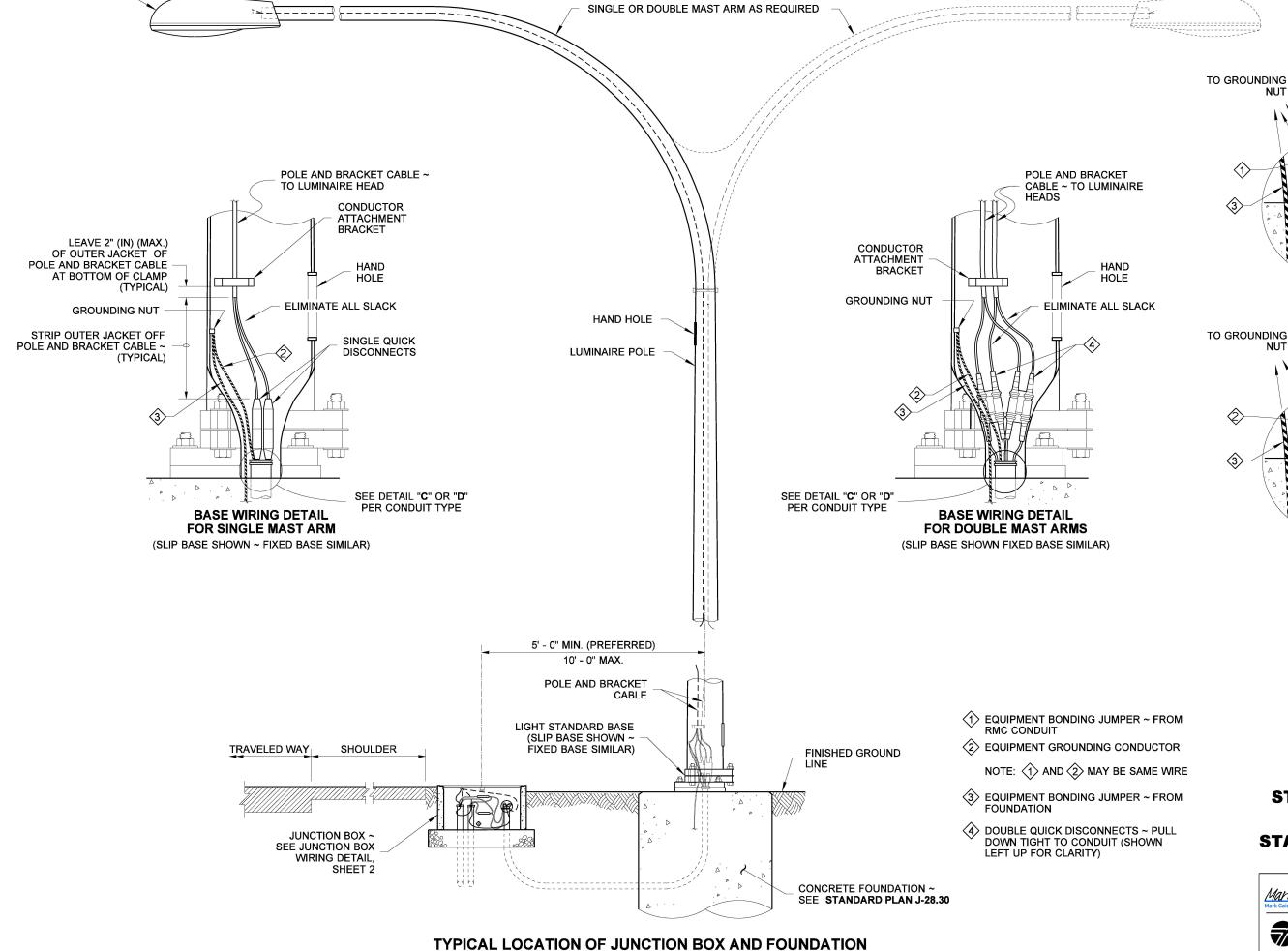
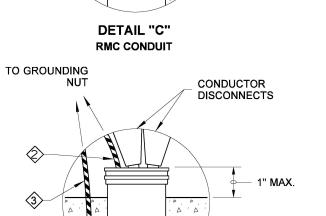
LUMINAIRE HEAD





CONDUCTOR DISCONNECTS

1" MAX.

DETAIL "D"
PVC CONDUIT

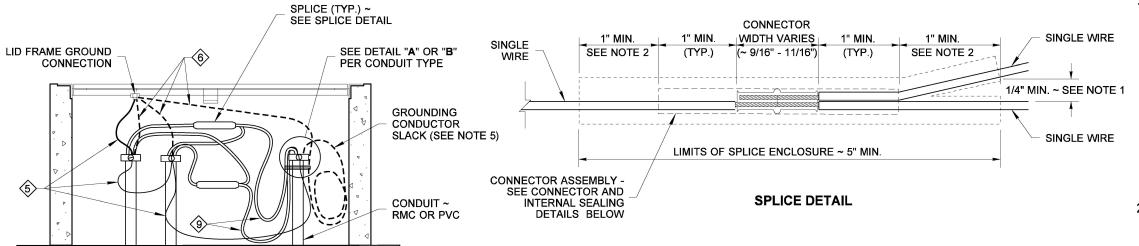


STEEL LIGHT STANDARD

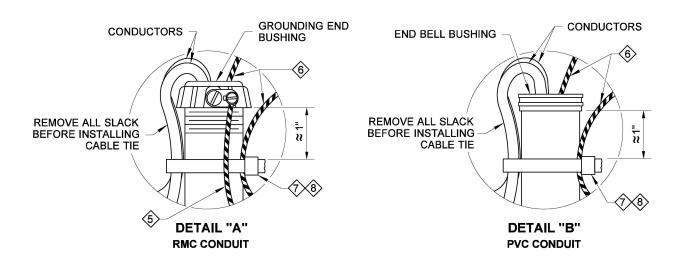
WIRING DETAILS STANDARD PLAN J-28.70-04

SHEET 1 OF 2 SHEETS





JUNCTION BOX WIRING DETAIL FOR GROUNDING REQUIREMENTS, SEE STANDARD PLAN J-60.05



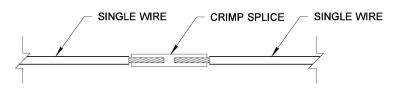
- (5) EQUIPMENT BONDING JUMPER ~ FROM RMC CONDUIT
 - NOTE: (5) AND (6) MAY BE SAME WIRE
- 6 EQUIPMENT GROUNDING CONDUCTOR
- ⟨¬⟩ CABLE TIE ~ 120 POUND TENSILE STRENGTH, BLACK

(8) APPLICATION FOR FIXED BASE SIMILAR. EXCEPT NO CABLE TIE IS REQUIRED AT JUNCTION BOX

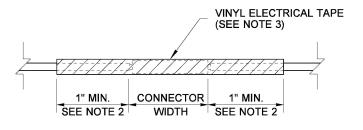
GRAVEL PAD

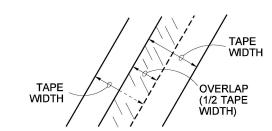
24" (IN) MIN. SLACK REQUIRED TO ALLOW QUICK DISCONNECTS TO BE PULLED OUTSIDE HAND HOLE 6" (IN) MIN.

STEP 1 - CRIMP CONNECTION



STEP 2 - WRAP CONNECTION





TAPE OVERLAP DIAGRAM

WHEN USING WRAPPED VINYL ELECTRICAL TAPE:

- INSTALL TWO LAYERS OF SPIRAL WRAPPED TAPE. - EACH SPIRAL LAYER SHALL HAVE AN OVERLAP OF 1/2 OF THE TAPE WIDTH (SEE DIAGRAM ABOVE).

CONNECTOR AND INTERNAL SEALING DETAILS

NOTES

- 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.



Aug 30, 2022

STEEL LIGHT STANDARD **WIRING DETAILS**

STANDARD PLAN J-28.70-04

SHEET 2 OF 2 SHEETS



