**I. MATERIALS**

A. THE GROUND ROD SHALL BE 1/2" X 10' COPPERWELD.

B. THE GROUND ROD CONNECTOR SHALL BE BLACKBURN #JAB 1/2H, JOSLYN #J8591H OR APPROVED EQUAL.

C. THE GROUND ROD MOLDING SHALL BE TREATED WOOD, 8' LONG, 1" WIDE, JOSLYN #EEI–1/2 OR APPROVED EQUAL.

D. THE GROUND WIRE SHALL BE #6 SOLID SOFT DRAWN BARE COPPER OR #4 SOLID TINNED ANTI–THEFT BARE COPPER.

E. THE STAPLES USED TO SECURE THE MOLDING AND GROUND WIRE TO THE POLE SHALL BE ROLLED DIAMOND POINT COPPER COATED.

F. COMPRESSION CONNECTORS TYPE "H", "C" OR ETC. (COPPER ALUMINUM, BI–METAL, ECT.) BURNDY, BLACKBURNY OR APPROVED EQUIVALENT.

**II. INSTALLATION**

A. THE INSTALLATION SHALL BE AS SHOWN AND INSTALLED ON WOOD POLES ONLY.

B. THE GROUND WIRE SHALL BE CONNECTED TO THE CIRCUIT USING A COMPRESSION CONNECTOR. THE BOTTOM STAPLES SHALL BE 3" IN LENGTH & INSTALLED 6" O.C. & IN AN ALTERNATING PATTERN, TO 8" ABOVE GRADE.

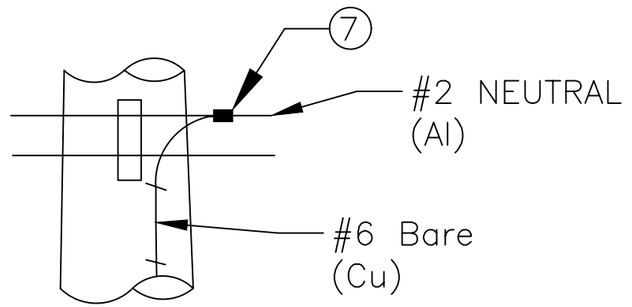
C. THE GROUND WIRE SHALL BE FASTENED TO THE POLE AND CONNECTED TO THE GROUND ROD.

D. THE MOLDING SHALL BE NEATLY INSTALLED OVER THE GROUND WIRE.

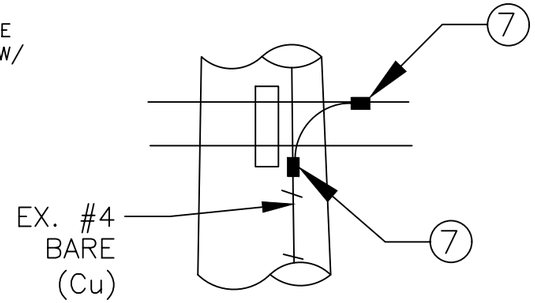
**III. BASIS OF PAYMENT**

| ITEM | UNIT | DESCRIPTION |
|---|---|---|
| MIS–55 | EACH | GROUND ROD |

| ITEM | DESCRIPTION | QTY. |
|---|---|---|
| 1 | ROD, GROUND,1/2"X10'–0" COPPERWELD | 1 EA. |
| 2 | CLAMP, GROUND ROD, 1/2", COPPER ALLOY | 1 EA. |
| 3 | MOLDING, GROUND WIRE, 8' LENGTH | 1 EA. |
| 4 | CONDUCTOR, #6 SOLID SOFT DRAWN OR #4 TINNED ANTI–THEFT BARE COPPER | AS REQ'D |
| 5 | STAPLE, 1–1/2"X3" LENGTH | AS REQ'D |
| 6 | STAPLE, 3/8"X1–1/2" LENGTH | AS REQ'D |
| 7 | CONNECTORS, COMPRESSION–SIZE AS REQUIRED | AS REQ'D |




STREET LIGHT POLE OR POWER POLE W/ NO PREEXISTING VERTICAL GROUND.




POWER POLE W/ PREEXISTING VERTICAL GROUND.




DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER

# MIS-55

## OVERHEAD STREET LIGHTING CIRCUIT GROUNDING/BONDING

| | | |
|---|---|---|
| DR- N BY: S- | D-TE: 2/5/25 | |
| -PPROVED: | | |
| SC-LE: NONE | SHEET: 1 OF 1 | 55 |