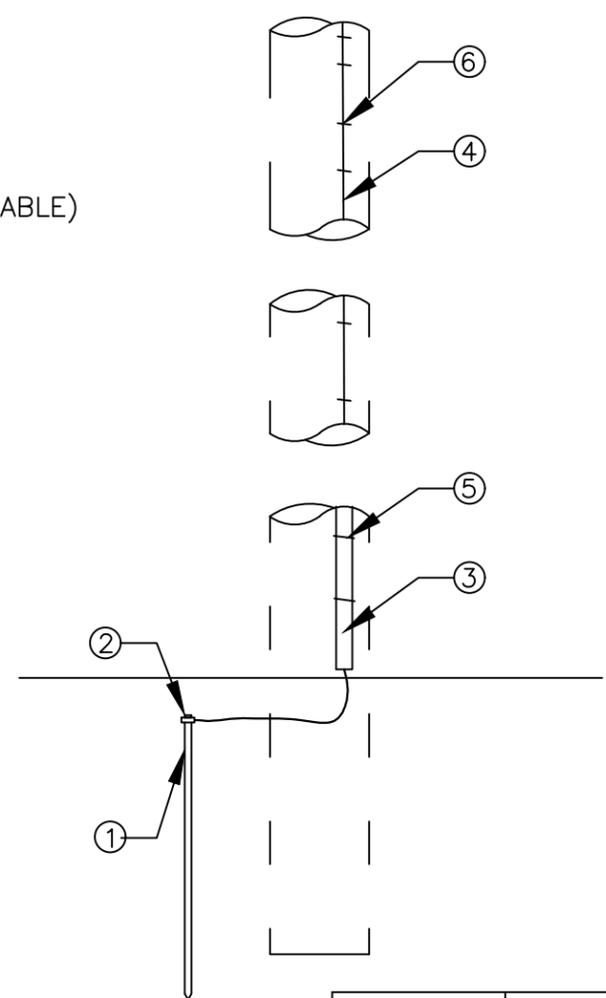


SEPARATE GROUNDING DETAIL



I. MATERIALS

- A. THE LIGHTNING ARRESTOR SHALL BE A TYPE S3 WITH A RATING OF 650 VOLTS.
- B. GROUNDING MATERIALS SHALL BE AS SHOWN.
- C. ALL CONDUIT SHALL BE 2" PVC SCHEDULE 80.
- D. THE WEATHER HEAD SHALL BE HEAVY WALL PVC.
- E. ALL MOUNTING HARDWARE SHALL BE HOT DIPPED GALVANIZED.
- F. MEDIUM DUTY PULL BOX SHALL BE PER MIS-54.

II. INSTALLATION

- A. THE INSTALLATION SHALL BE AS SHOWN.
- B. RISER SHALL BE ON OPPOSITE SIDE OF POLE FROM THE TRAFFIC FLOW.

III. BASIS OF PAYMENT

ITEM	UNIT	DESCRIPTION
MIS-62	EACH	RISER, STREET LIGHT CIRCUIT FOR POLE MOUNT CONTROLLER

ITEM	GROUNDING MATERIAL DESCRIPTION	QTY
1	ROD, GROUND, 1/2" X 10'-0" COPPERCLAD (COPPER BONDED)	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 ANT-THEFT BARE COPPER	32 LF
5	STAPLE, 1-1/2" X 3" LENGTH	3 EA.
6	STAPLE, 3/8" X 1-1/2" LENGTH	12 EA.
7	CONNECTOR, COMPRESSION (NOT SHOWN)-SIZE AS REQUIRED	1 EA.

NOTE:

TOP OF GROUND ROD SHALL BE 6" BELOW GRADE AND 1' FROM FACE OF POLE.

<h1>MIS-62</h1>	CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER		
	RISER, STREET LIGHT CIRCUIT FOR POLE MOUNT CONTROLLER		
	DRAWN BY: SAW	DATE: 12/7/23	
	APPROVED: <i>Jodi Stefanik</i>		
SCALE: NONE	SHEET: 1 OF 1	62	