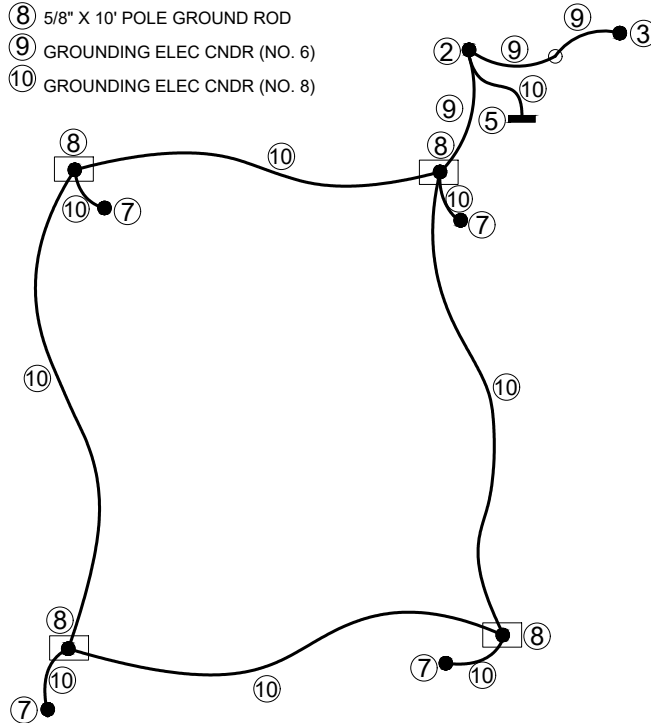


KEY:

- ① SIGNAL CABINET FOUNDATION
- ② EXISTING PRIMARY GROUND ROD
- ③ PROPOSED SECONDARY 5/8" X 10' GROUND ROD
(IF REQUIRED) (LOCATE IN EXISTING PULL/GROUND BOX ONLY)
- ④ 1" RM LB CONDUIT FITTING TRANSITION TO 1" PVC
- ⑤ GROUND BUS BAR
- ⑥ SIGNAL CONDUIT (VARIES BY LOCATION)
- ⑦ GROUND LUG AT POLE BASE
- ⑧ 5/8" X 10' POLE GROUND ROD
- ⑨ GROUNDING ELEC CNDR (NO. 6)
- ⑩ GROUNDING ELEC CNDR (NO. 8)



GROUNDING DETAIL

NOTES:

1. CONDUIT ROUTING SHOWN IS DIAGRAMMATIC ONLY, DEPICTING A STANDARD 4-LEG INTERSECTION WITH CONDUIT ON ALL FOUR SIDES.
2. NOT ALL INTERSECTIONS MAY HAVE THIS CONFIGURATION. SOME CONDUITS MAY NOT EXIST. SEE PLANS AND VERIFY IN THE FIELD FOR EXISTING CONDUIT ROUTING.
3. ALL UNDERGROUND CONDUIT TO HAVE A #8 STRANDED COPPER WIRE, BONDED TO THE GROUND ROD AT THE CABINET.

TYPICAL INTERSECTION SYSTEM GROUND DETAIL

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TRAFFIC SIGNAL ELECTRICAL NOTES AND DETAILS	
<div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: right;">ADOPTED</div>	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 838-1 8 OF 8