1. Bond 0.5 inch diameter, 28 strand (minimum) Class II copper conductor to the main ground rod by an irreversible mechanical crimp method.

2. All connections to ground rods should be made with an irreversible mechanical crimp method.

3. Bond #4 AWG solid bare copper wire to rebar cage and the main ground rod by an irreversible mechanical crimp.

4. Ensure camera, housing, camera, and pan-tilt unit are bonded to pole.

5. Remove bonding jumper between equipment cabinet ground bus and neutral bus.

6. The contractor may, upon approval of the engineer, install a 30-foot sectional ground rod when conditions will not allow for the installation of the 3-rod radial ground rods.

7. Install marker tape directly above all grounding electrodes and conductors at a depth of 12 inches.

INSET 'A'

- Install marker tape 12 inches below grade and above all grounding conductors.
- See inset A.

- 4 Inch X 8 Inch oval handhole.
- 5/8 inch grounding lug.
- 1-Inch PVC conduit.

- Conduit for feeder.
- 2 2-Inch PVC conduits with sweeping elbow for signal cable, loop cables, and composite power/ethernet cable.

NOTES