**TYPICAL ELECTRICAL CONNECTIONS**

1. **1-INCH ANCHOR BOLT**
   - 2 INCH PVC CONDUIT
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   - PERMANENT CONCRETE BARRIER

2. **BASE PLATE DETAIL**
   - NO. 6 GROUND WIRE
   - MOLDED FUSE HOLDERS
   - THREAD TOP 6 INCH
   - GROUND LUG
   - LOCK WASHER
   - (2) STANDARD WASHERS
   - (2) HEX NUT
   - TOP OF FOUNDATION
   - 1 Inch Dia

3. **VERTICAL LUMINAIRE ATTACHMENT**
   - VERTICAL LUMINAIRE ATTACHMENT IN LUG OF LUMINAIRE ARM
   - 2-1/8 INCH O.D.

4. **LUMINAIRE POLE IDENTIFICATION DETAIL**
   - LUMINAIRE TRIM
   - ANCHOR BOLT HOLE
   - LIGHT POLE IDENTIFICATION SEE DETAIL
   - POLE ORIENTATION: ALL ANGLES MEASURED FROM HAND-HOLE AS VIEWED FROM SMALL END OF POLE
   - FUSE MAY BE PLACED VERTICALLY FLUSH WITH THE BASE PLATE OR UP TO 45 DEGREE ANGLE.

5. **LUMINAIRE ARM - POLE CONNECTION**
   - MFR ID TAG
   - 5 x 7 1/2 INCH HAND-HOLE WITH PLASTIC COVER

6. **SECTION A-A**
   - 11 1/2 INCH ANCHOR BOLT CIRCLE
   - 3 INCH MIN COVER

7. **REINFORCING SHOWN IS FOR LUMINAIRE POLE**
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8. **NOTES:**
   - 1. LUMINAIRE POLE ASSEMBLY CONSISTS OF A POLE, ARM, BASE, INTERNAL CONDUCTORS, IDENTIFICATION, GRAY CEMENT MOLDED CONNECTORS, FUSE HOLDERS, ANCHOR BOLTS, HARDWARE AND FIXED BASE.
   - 2. LUMINAIRE POLE, LUMINAIRE ARM OR VERTICAL ATTACHMENT, ANCHOR BOLTS, AND RELATED HARDWARE ARE STATE FURNISHED ITEMS.
   - 3. ALL STEEL MATERIALS INCLUDING ANCHOR BOLTS ARE HOT-DIPPED GALVANIZED. AVOID DAMAGING THE GALVANIZED FINISH OF MATERIALS DURING TRANSPORT AND PLACEMENT.
   - 4. ORIENT ALL LUMINAIRE ARMS AT RIGHT ANGLES TO THE SURVEY LINE OF ROADWAY.
   - 5. CENTER SHAFT TOP OVER CENTER OF FOUNDATION AFTER ARM EXTENSION, LUMINAIRE AND ALL ELECTRICAL ACCESSORIES ARE IN PLACE.
   - 6. LOCATE LUMINAIRE POLE BEHIND SIGNS WHEN THERE IS CONFLICT.
   - 7. USE COATED REBAR AND CLASS AA(AE) CONCRETE FOR ALL FOUNDATIONS.
   - 8. INSTALL DRY PACK (GROUT) AFTR LUMINAIRE PoLES IN FINAL POSITION. GROUT MAY BE PLACED VERTICALLY FLUSH WITH THE BASE PLATE OR UP TO A 45 DEGREE ANGLE.