NOTES

1. This plan shall be used for 40' and 50' Light Standards with 16' max. length double mast arms.
3. Grounding Conductor shall be non-insulated #4 AWG stranded copper, provide 6" - 9" min. slack. Clamp steel reinforcing bar with connector suitable for use embedded in concrete.
4. See the Contract Plans for conduit placement.
5. Concrete shall be Class 4000.
## BAR LIST

<table>
<thead>
<tr>
<th>MARK</th>
<th>LOCATION</th>
<th>QTY.</th>
<th>SIZE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Footing - Down</td>
<td>25</td>
<td>1/8&quot;</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Footing</td>
<td>15</td>
<td>1/8&quot;</td>
<td>4'-0&quot;</td>
</tr>
<tr>
<td>3</td>
<td>Footing</td>
<td>9</td>
<td>1/8&quot;</td>
<td>1'-6&quot;</td>
</tr>
<tr>
<td>4</td>
<td>Barrier</td>
<td>4</td>
<td>3/4&quot;</td>
<td>2'-0&quot;</td>
</tr>
<tr>
<td>5</td>
<td>Barrier</td>
<td>4</td>
<td>3/4&quot;</td>
<td>5'-0&quot;</td>
</tr>
<tr>
<td>6</td>
<td>Barrier</td>
<td>30</td>
<td>3/4&quot;</td>
<td>2'-3&quot; TO 6'-0&quot;</td>
</tr>
</tbody>
</table>

## BENDING DIAGRAM

### NOTE
- ALL DIMENSIONS ARE OUT TO OUT
- 5 1/2" MIN. THREADS
- 1" DIAM. HOLE (TYP.)
- 13.89" DIAM. BOLT CIRCLE
- 1" DIAM. BOLT (TYP.) ~ ASTM A 449
- 2" CONDUIT ~ SEE NOTE 4

### PLAN
- ANCHOR PLATE (TYP.) ~ SEE DETAILS
- HEAVY HEX NUT AND WASHER (TYP.)
- ANCHOR PLATE
- 1/2" PLATE
- 2" CONDUIT
- 2 "HEADED BOLT
- HEAVY HEX NUT AND WASHER
- 1" DIAM. BOLT ~ ASTM A 449
- 9" DIAM. BOLT CIRCLE
- 13.89" DIAM. BOLT CIRCLE
- ANCHOR BOLT DETAIL
- BALANCED EXPOSED ANCHOR ROD END 1'-0" MIN.
- ANCHOR PLATE
- 1/2" PLATE
- 2" CONDUIT

### CONSTRUCTION
- 1" DIAM. BOLT ~ ASTM A 449
- 1" DIAM. HOLE (TYP.)
- 2" CONDUIT ~ SEE NOTE 4
- FIELD BEND

### DETAILS
- STANDARD PLAN C-66
- SHEET 2 OF 2 SHEETS

### SIGNATURES
- Pasco Bakotich III
- 06-27-11