**LUMINARE MAST ARM DATA**

<table>
<thead>
<tr>
<th>Projected Length</th>
<th>Nominal Width</th>
<th>Min Wd at Pole</th>
<th>Nominal Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>15'-0&quot;</td>
<td>4'-0&quot;</td>
<td>4½&quot;</td>
<td>0.1196&quot;</td>
</tr>
<tr>
<td>20'-0&quot;</td>
<td>4'-0&quot;</td>
<td>5&quot;</td>
<td>0.1793&quot;</td>
</tr>
</tbody>
</table>

**POLE DATA**

<table>
<thead>
<tr>
<th>Pole Extension Type</th>
<th>Height &quot;H&quot;</th>
<th>Min OD</th>
<th>Top OD</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>5'-0&quot;</td>
<td>6½&quot;</td>
<td>5½&quot;</td>
<td>0.1793&quot;</td>
</tr>
<tr>
<td>10</td>
<td>10'-0&quot;</td>
<td>7½&quot;</td>
<td>5½&quot;</td>
<td>0.1793&quot;</td>
</tr>
</tbody>
</table>

**NOTES:**

1. The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
2. Bolt hole locations may vary at the discretion of the Engineer.
3. For Wind Loading see RSP ES-7K.
5. Materials (Structural Steel):
   a. fy = 55,000 psi tapered steel tube (pole)
   b. fy = 50,000 psi unless otherwise noted
   c. FY = 55,000 psi tapered steel tube (pole)
   d. FY = 50,000 psi unless otherwise noted

**ELEVATION A**

- Tapered Steel Pole, see Pole Data Table
- Elevation A

- **SECTION K-K**
  - 1" ROUND - 2½" LONG HS CAP SCREWS
  - SHIM AS REQUIRED TO PLUMB POLE, CAULK AROUND BASE PLATE AFTER INSTALLATION FOR RAIN TIGHT JOINT

- **DETAIL A**
  - 1" PLATE - POLE INSIDE DIAMETER = 2"
  - UPPER COLLAR
  - UPPER CHORD PLATE
  - DETAIL C
  - TRUSS AXIS

- **SHIM DETAIL**
  - Furnish Shims 0.012" Thick and 0.036" Thick. Shims shall be fabricated brass shim stock or galvanized steel.

- **UPPER CHORD PLATE**
  - Detail C
  - See Note 4
  - DRILL AND TAP THRU CHORD PLATE FOR 1" Ø HS CAP SCREWS, TOTAL 4 Holes Equally Spaced

- **CENTRAL HOLE IN BASE PLATE DIAMETER = POLE INSIDE DIAMETER = 2"**

- **DIETAIL B**
  - Furnish Shims 0.012" Thick and 0.036" Thick. Shims shall be fabricated brass shim stock or galvanized steel.

- **DIETAIL C**
  - Furnish Shims 0.012" Thick and 0.036" Thick. Shims shall be fabricated brass shim stock or galvanized steel.