POLE FOUNDATION SCHEDULE

<table>
<thead>
<tr>
<th>POLE TYPE</th>
<th>MT.HT.</th>
<th>MASTARM LENGTH</th>
<th>FOUNDATION TYPE</th>
<th>X</th>
<th>Y</th>
<th>NO. HOOPS</th>
<th>NO. VERTICAL RODS</th>
<th>LIN. FT.</th>
<th>LIN. FT.</th>
<th>CONCRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEDESTRIAN SIGNAL POLE</td>
<td>10'</td>
<td>ALL</td>
<td>A</td>
<td>2'-0&quot;</td>
<td>5'-0&quot;</td>
<td>4</td>
<td>#4</td>
<td>23'-0&quot;</td>
<td>6</td>
<td>.6</td>
</tr>
<tr>
<td>LIGHT POLE</td>
<td>25'-30'</td>
<td>ALL</td>
<td>A</td>
<td>2'-0&quot;</td>
<td>5'-0&quot;</td>
<td>4</td>
<td>#4</td>
<td>23'-0&quot;</td>
<td>6</td>
<td>.6</td>
</tr>
<tr>
<td>LIGHT POLE</td>
<td>35'</td>
<td>ALL</td>
<td>B</td>
<td>2'-6&quot;</td>
<td>7'-0&quot;</td>
<td>4</td>
<td>#4</td>
<td>29'-4&quot;</td>
<td>6</td>
<td>40'-0&quot;</td>
</tr>
<tr>
<td>LIGHT POLE</td>
<td>40'-50'</td>
<td>ALL</td>
<td>C</td>
<td>3'-0&quot;</td>
<td>9'-0&quot;</td>
<td>5</td>
<td>#4</td>
<td>44'-2&quot;</td>
<td>8</td>
<td>61'-4&quot;</td>
</tr>
<tr>
<td>SIGNAL POLE</td>
<td>20'</td>
<td>20' - 45'</td>
<td>D</td>
<td>3'-0&quot;</td>
<td>9'-0&quot;</td>
<td>5</td>
<td>#4</td>
<td>44'-2&quot;</td>
<td>8</td>
<td>69'-4&quot;</td>
</tr>
<tr>
<td>PED. PUSHBUTTON POLE</td>
<td>4'-0&quot;</td>
<td>ALL</td>
<td>E</td>
<td>1'-6&quot;</td>
<td>2'-6&quot;</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>.2</td>
</tr>
<tr>
<td>DUAL MASTARM SIGNAL POLE</td>
<td>50'</td>
<td>ALL</td>
<td>F</td>
<td>3'-0&quot;</td>
<td>12'-0&quot;</td>
<td>8</td>
<td>#5</td>
<td>70'-8&quot;</td>
<td>12</td>
<td>140'</td>
</tr>
<tr>
<td>SIGNAL POLE</td>
<td>50'</td>
<td>50' - 55'</td>
<td>F</td>
<td>3'-0&quot;</td>
<td>12'-0&quot;</td>
<td>8</td>
<td>#5</td>
<td>70'-8&quot;</td>
<td>12</td>
<td>140'</td>
</tr>
<tr>
<td>SIGNAL POLE</td>
<td>60'</td>
<td>60' - 65'</td>
<td>G</td>
<td>3'-6&quot;</td>
<td>14'-0&quot;</td>
<td>9</td>
<td>#5</td>
<td>78'-10&quot;</td>
<td>12</td>
<td>166'</td>
</tr>
</tbody>
</table>

SEE SCHEDULE FOR HOOPS AND VERTICAL BARS.

ANCHOR BOLT SIZES AND LOCATION PER MANUFACTURER’S SPECIFICATIONS

WARP SURFACE TO FIT FOUNDATION

SLOPED GRADE LINE AT CENTER OF FOUNDATION

ALTERNATE SLOPED GRADE SECTION

4’’ TO 6’’ STUBS AND INSULATED BUSHING REQ’D ON METALLIC CONDUIT

ER MANUFACTURER’S SPECIFICATIONS

2 1/2” MIN. 3” MAX. SILEWALK OR GRADE LINE

GROUT AFTER POLE HAS BEEN PLUMBLED. LEAVE CAVITY UNDER CENTER OF BASE PLATE.

1/2” PLASTIC DRAIN PIPE REQ’D

RIGID PLASTIC CONDUIT (SEE PLANS FOR SIZE, TYPE, NUMBER, AND ENTRY)

RIGID PLASTIC CONDUIT (RPC)

ANCHOR BOLTS (DOUBLE NUTS AND WASHERS REQ’D FOR PLUMBING POLE)

NOTES:
A LOCATE FOUNDATIONS AS INDICATED ON THE PROJECT PLAN SHEETS.
B ALL CONDUIT ELBOWS USED IN CONCRETE BASES SHALL BE RPC.
C STEEL CONDUIT SHALL BE USED TO EXTEND ELBOWS BEYOND FOUNDATION.
D SPARE STUBOUTS SHALL BE TERMINATED WITH A STEEL COUPLING AND PLASTIC PUSH PLUG AT BOTH ENDS.
E DO NOT GROUT IF BREAKAWAY DEVICES ARE USED.

TYPICAL POLE FOUNDATION
SECTION D-D

IDaho STANDARDS FOR PUBLIC WORKS CONSTRUCTION

STANDARD SIGNAL POLE FOUNDATION DETAIL

STANDARD DRAWING NO. SD-1109
FUSED "IN-LINE" TYPE WIRE CONNECTOR
SET SCREW TYPE ONLY

NOTES:
1) THE CONTRACTOR SHALL VERIFY LINE VOLTAGE PRIOR TO CONNECTING WIRE CONNECTORS.
2) CONTRACTOR SHALL CONNECT CONDUCTOR FROM THE WIRE CONNECTOR TO NEW LUMINAIRE WITH A NO. 10 AWG. TYPE THW 600V INSULATED WIRE.

Install Fuse:
Fast-acting 100K RMS Amps 600VAC SEC Model 1791-DF or SEC Model 1791-SF (or approved Equivalent).

Install Fused Junction Box (Approved Underground enclosure)
To be set within 3 feet of Power Company J-Box or Transformer.

Photo Cell (Twist Lock type) Mark P.E. Control & Lamps with installation date.

NEC Code Approved Connector
Hand Hole
NEC Code Approved Grounding Connector
1/2" x 6" P.V.C. Conduit Sleeve Fill Top 2" With Silicone Grout.

NOTE:
Additional J-Box (Pull Box) is Required When the Distance Between the Street Light and Fused Junction Box is 10 Feet or Greater.

1" Conduit (Schedule 40 PVC UL Approved) Wire Colors Per NEC Code.

NEC Code Approved Connector (Water Tight)

10 Min. Wires from Fuse Connector to Fixture.

#8 Min. Wires from Power Source to Fuse Connector.

Height 4" to 6"

Ground Rod (Per NEC Article 250-Grounding Bonding Per NEC Article 230-Service).

NOTE
1. For Concrete Base Details See ISPWC Standard Drawing SD-1109.
2. Ground Rod May Be Placed in lieu of Connection to Rebar Cage.