SURFACE MUST BE LEVEL & CLEAN

EDGE CORNER WITH 1/2" SIDEWALK EDGER (TYPICAL ALL SIDES)

GROUND WIRE (9')

CUT CONDUITS OFF WITHIN 2" ABOVE SURFACE. METAL CONDUITS SHALL HAVE BUSHINGS AND BE CENTERED IN FOUNDATION.

ANCHOR BOLTS & CONDUITS ARE INCIDENTAL TO THIS ITEM.

4"

22"

3/4"

24" min.

SIDEWALK OR GROUND LEVEL

WELDED GROUND WIRE JUMPER VARNISH WELD

ANCHOR BOLTS CAN BE ENCASED IN CONCRETE OR MIN. 8" STUD ANCHOR BOLTS CAN BE INSTALLED BY FIELD DRILLING.

CONDUITS PER PLAN; 2' RADIUS

PERMANENTLY EMBED A VISIBLE MARKER IN THE CONCRETE ON TOP OF THE BASE 5" FROM THE EDGE & OVER THE EXITING 3/4" PVC CONDUIT.

GROUND RODS ARE 1"x10' AND SPACED 6' APART. DO NOT ENCASE END OF ROD IN CONCRETE.

Fw1

NOTE:

USE EXPANSION MATERIAL BETWEEN THE BASE CONCRETE & OTHER CONCRETE AREAS.

TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG 4162
07/01/2020
CITY ENGINEER
SHT 1 OF 2
### Controller Cabinet and Foundation Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>M36 Stretched (IN.)</th>
<th>Size 6 Cabinet (IN.)</th>
<th>P-UPS Cabinet (#1) (IN.)</th>
<th>P-UPS Cabinet (#2) (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C₀ - Cabinet Depth</td>
<td>17</td>
<td>26</td>
<td>26</td>
<td>29</td>
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<tr>
<td>Cₘₜ - Cabinet Width</td>
<td>36</td>
<td>44</td>
<td>60</td>
<td>58</td>
</tr>
<tr>
<td>Fₘₚ - Foundation Width 1</td>
<td>*</td>
<td>30</td>
<td>30</td>
<td>33</td>
</tr>
<tr>
<td>Fₘₜ₂ - Foundation Width 2</td>
<td>*</td>
<td>48</td>
<td>64</td>
<td>62</td>
</tr>
<tr>
<td>Wₚₙ₁ = Work Pad Width 1</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>Wₚₙ₂ = Work Pad Width 2</td>
<td>36</td>
<td>48</td>
<td>64</td>
<td>98</td>
</tr>
<tr>
<td>Wₚₙ₃ = Work Pad Width 3</td>
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<td>69</td>
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<tr>
<td>Work Pad Depth</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

*Pole mounted cabinet (no foundation)*

### UPS Cabinet Foundation / Work Pad

**Type 1**

- **UPS Cabinet Foundation / Work Pad**
- **Signal Cabinet #1**
- **Concrete Pad**
- **Door Hinge**

### Size 6 Cabinet Foundation / Work Pad

- **UPS Cabinet Foundation**
- **Signal Cabinet**
- **Concrete Work Pad or Sidewalk**

### M36 Stretch Cabinet Work Pad

- **Strain Pole**
- **Door Hinge**
- **Signal Cabinet**
- **Concrete Work Pad**

### UPS Cabinet Foundation / Work Pad

**Type 2**

- **UPS Cabinet**
- **Concrete Pad**
- **Door Hinge**

### Traffic Signal Controller Cabinet Foundation

**Note:**

Build-up/stabilization of surrounding area may be required by engineer and is incidental to the installation. This applies to all sloped area installations.

**City of Columbus, Ohio**

**Department of Public Service**

**Division of Design and Construction**

**STD DWG 4162**

**City Engineer**

**07/01/2020**

**SHT 2 OF 2**