



# **Top of Pole Mount**

**Foundation Recommendation**

**Addendum 01**

## Foundation Recommendation Addendum

**Note:** The suggestions below are recommendations only. It is the installer’s responsibility to validate foundation parameters prior to installation, as a local geotechnical report may be required to assess ground conditions. We recommend consulting with a local engineer familiar with local regulations and build site requirements, including soil conditions, terrain and load criteria (wind, snow, seismic). All of these parameters may impact foundation requirements.

**Note:** All Tamarack Top of Pole Mounts are engineered for a maximum height of 6’ above grade

### Mounting Pole Guidelines

Table 1

Part Number	Pipe Required
<b>Small Top of Pole Mounts</b>	
UNI-TP/02	4” Normal Pipe Size, Sch 40
UNI-TP/02A	4” Normal Pipe Size, Sch 40
UNI-TP/03	4” Normal Pipe Size, Sch 40
UNI-TP/04	4” Normal Pipe Size, Sch 40
UNI-TP/04A	4” Normal Pipe Size, Sch 40
<b>Large Top of Pole Mounts</b>	
UNI-TP/06	6” Normal Pipe Size, Sch 40
UNI-TP/06LL	6” Normal Pipe Size, Sch 40
UNI-TP/08	6” Normal Pipe Size, Sch 40
UNI-TP/08LL	6” Normal Pipe Size, Sch 40
UNI-TP/10	6” Normal Pipe Size, Sch 40
UNI-TP/10LL	6” Normal Pipe Size, Sch 40
UNI-TP/12	6” Normal Pipe Size, Sch 40
UNI-TP/12LL	6” Normal Pipe Size, Sch 40

### Foundation Hole Guidelines

Table 2

Module Area	Max Wind Speed	Min. Hole Diameter	Min. Hole Depth	Min. Pole Depth
20 Sq. Feet	90 MPH, Exposure C	15"	46"	40"
30 Sq. Feet	90 MPH, Exposure C	18"	51"	45"
40 Sq. Feet	90 MPH, Exposure C	18"	60"	54"
50 Sq. Feet	90 MPH, Exposure C	18"	62"	56"
60 Sq. Feet	90 MPH, Exposure C	24"	52"	46"
70 Sq. Feet	90 MPH, Exposure C	24"	60"	54"
80 Sq. Feet	90 MPH, Exposure C	24"	66"	60"
90 Sq. Feet	90 MPH, Exposure C	24"	74"	68"
105 Sq. Feet	90 MPH, Exposure C	24"	82"	76"

### Installation Recommendations

- Auger hole to minimum depth shown in Table 2
- 6" of hole should be filled with crushed rock or a blocking. This will prevent the pipe from touching the base of the hole, insuring complete encapsulation of the pipe when concrete is poured, as well as allowing for water drainage. See Fig. 1
- Pipe should be installed vertically no matter the slope of the install site.
- Make arrangements to prevent the pipe from twisting prior to pouring concrete.
- Pipe should be braced to remain plum until concrete has cured (at least 24 hours).

Figure 1

### Top of Pole Foundation Guideline Diagram

