



Wind Speed (mph)	Arm Length (ft)	Design Mounting Height (ft)	Pole wall (in)	Upper Weld (in)	Lower Weld (in)
120	8,10,12,15	30	0.125	0.125	0.125
120	8,10,12,15	35 & 40	0.188	0.125	0.188
120	8,10	45	0.250	0.125	0.25
120	12,15	45	0.250	0.188	0.250
120	8	50	0.313	0.125	0.250
120	10,12,15	50	0.313	0.188	0.250
140	8,10,12,15	30	0.188	0.125	0.188
140	8,10	35	0.188	0.125	0.188
140	12, 15	35	0.250	0.125	0.250
140	8,10,12,15	40	0.250	0.125	0.250
140	8,10	45	0.313	0.125	0.250
140	12,15	45	0.313	0.188	0.250
140	8,10,12	50	0.375	0.188	0.313
140	15	50	0.375	0.250	0.313
160	8,10,12,15	30	0.188	0.125	0.188
160	8,10,12,15	35	0.25	0.125	0.250
160	8,10,12,15	40	0.313	0.188	0.250
160	8,10	45	0.375	0.188	0.313
160	12,15	45	0.375	0.250	0.313

Wind Speed (mph)	Design Mounting Height (ft)	Pole wall (in)	Upper Weld (in)	Lower Weld (in)
120	30 & 35	0.125	0.125	0.125
120	40	0.188	0.125	0.188
120	45	0.188	0.125	0.188
120	50	0.250	0.125	0.250
140	30	0.125	0.125	0.125
140	35 & 40	0.188	0.125	0.188
140	45	0.250	0.125	0.250
140	50	0.313	0.188	0.250
160	30	0.125	0.125	0.125
160	35	0.188	0.125	0.188
160	40	0.250	0.125	0.250
160	45	0.313	0.188	0.250
160	50	0.375	0.250	0.313

**NOTE:**  
Pole wall thicknesses shown in the POLE TABLE are nominals and shall be within the Aluminum Association Tolerances. Thicker walls are permitted and tapered walls may be used provided the minimum Aluminum Association thicknesses are not violated.

Wind Speed (mph)	Design Mounting Height (ft)	Total Depth (FT)**
120	30 & 35	6
120	40 & 45	7
120	50	8
140	30, 35 & 40	7
140	45 & 50	8
160	30 & 35	7
160	40 & 45	8

Wind Speed (mph)	Design Mounting Height (ft)	Total Depth (FT)**
120	30, 35 & 40	6
120	45 & 50	7
140	30 & 35	6
140	40 & 45	7
140	50	8
160	30	6
160	35 & 40	7
160	45 & 50	8

\* #4 Tie Bars @ 12" centers (max.) or D10 (or W10) spiral @ 6" pitch, 3 flat turns top and 1 flat turn bottom.

\*\* Depths shown in table are for grades flatter than 1:4, for grades up to 1:2 add 2'-6" to foundation depths shown in table.

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