

**Sketch #47 Customer wood pole**

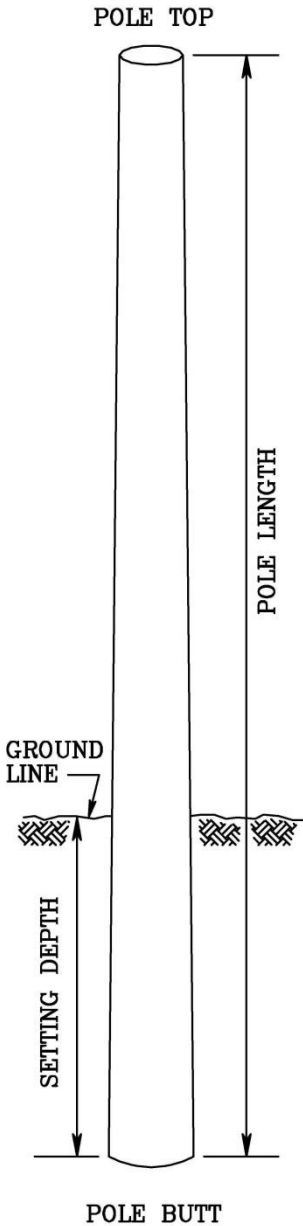
Dimensional details in accordance with American National Standards Institute (ANSI) 05.1

**Minimum Pole Top Circumference, All Wood Species**

<u>ANSI Class 1</u>	<u>ANSI Class 2</u>	<u>ANSI Class 3</u>	<u>ANSI Class 4</u>	<u>ANSI Class 5</u>
27 Inches	25 Inches	23 Inches	21 Inches	19 Inches

**For Wood Species Douglas Fir And Southern Yellow Pine:**

Pole Length (Feet)	Setting Depth (Feet)	Minimum Circumference At 6 Feet From Pole Butt (Inches)				
		<u>ANSI Class 1</u>	<u>ANSI Class 2</u>	<u>ANSI Class 3</u>	<u>ANSI Class 4</u>	<u>ANSI Class 5</u>
20	4.0	-	-	-	25.0	23.0
25	4.5	33.5	31.5	29.5	27.5	25.5
30	5.0	36.5	34.0	32.0	29.5	27.5
35	5.5	39.0	36.5	34.0	31.5	29.0
40	6.0	41.0	38.5	36.0	33.5	31.0
45	6.5	43.0	40.5	37.5	35.0	32.0
50	7.0	45.0	42.0	39.0	36.5	34.0



**PRESERVATION**

To aid in preventing premature deterioration, company recommends all wood poles be treated full length by a pressure process approved by the American Wood Preservers Association.

**TIMBER OPTION**

A pole may be replaced by a minimum 6" x 6" timber if the following conditions are met. Use the same setting depth as for a wood pole.

1. The wood species must be either Douglas Fir or Southern Yellow Pine and must be full length treated by a pressure process approved by American Wood Preservers Association.
2. Cannot be less than 20 feet long or more than 25 feet long.
3. The service size must be #4/0 triplex or smaller and 100 feet or less in length.
4. Cannot cross over a public road.
5. 6" x 6" timber setting depth for a 20 ft. Timber is 4.0 ft. A 25 ft. Timber setting depth is 4.5 ft.

**POLE INSTALLATION**

Customer shall install the pole at the setting depth specified above and carefully tamp the backfill earth and stone to stabilize the pole. Where the pole supports unguyed conductor tensions, the pole shall be further stabilized (keyed). The company will provide details of acceptable keying methods. Customer shall install the pole at a location designated by the company. The pole shall be accessible to company bucket trucks.

REV	DATE	APPROVED			RULES FOR ELECTRIC METER AND SERVICE INSTALLATIONS PPL ELECTRIC UTILITIES CORPORATION
		DRAFTER	SPONSOR	REVIEW	
0	10/12/12	-	JPM	-	RULES: 4A, 6, 7, 8
1	3/21/16	NAP	NAP	-	
2	8/15/16	NAP	NAP	-	