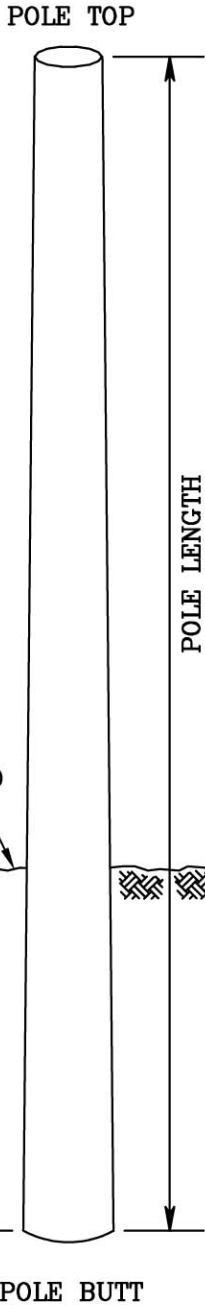


Customer Wood Pole

SKETCH #47
SHEET 1

SKETCH #47
SHEET 1

DIMENSIONAL DETAILS IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE 05.1 (ANSI)



MINIMUM POLE TOP CIRCUMFERENCE, ALL WOOD SPECIES

ANSI CLASS 4 - 21 INCHES

ANSI CLASS 5 - 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)	
		ANSI CLASS 4	ANSI CLASS 5
20	4.0	25.0	23.0
25	4.5	27.5	25.5
30	5.0	29.5	27.5
35	5.5	31.5	29.0
40	6.0	33.5	31.0
45	6.0	35.0	32.5
50	6.5	36.5	34.0

PRESERVATION

TO AID IN PREVENTING PREMATURE DETERIORATION, PPL EU 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 DOYGLAS FIR OR SOUTHERN YELLOW PINE AND MUST BE FULL LENGTH TREATED BY A RESSURE PROCESS APPROVED BY AMERICAN WOOD PRESRVERS 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 LEHGTH.
4. CANNOT CROSS OVER A PUBLIC ROAD.
5. 6" X 6" TIMBER SETTING DEPTH FOR A 20 FT. TIMBER IS 4.0 FT. FOR A 25 FT. TIMBER SETTING DEPTH IS 4.5 FT.

POLE & TIMBER INSTALLATION

CUSTOMER SHALL INSTALL THE POLE OR TIMBER 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 OR TIMBER SHALL BE FURTHER STABILIZED (KEYED). PPL EU WILL PROVIDE DETAILS OF ACCEPTABLE KEYING METHODS.

CUSTOMER SHALL INSTALL THE POLE OR TIMBER AT A LOCATION DESIGNATED BY PPL EU THE POLE OR TIMBER SHALL BE ACCESSIBLE TO PPL EU BUCKET TRUCKS.

<p>RULES FOR ELECTRIC METER AND SERVICE INSTALLATIONS PPL ELECTRIC UTILITIES CORPORATION</p>	<p>Rules: 4A, 6, 7, 8 Date: 9/10/08 Engr: MDB</p>
---	--