

Distribution Construction Standards
3rd Quarter 2020 Update

Standards	Revision Description
02 00 00 00.pdf	Index updated for 3rd quarter 2020 changes
02 00 01 01.pdf	<p>Title Change: Changed from General to Wood Pole</p> <p>Table Changes: Wood pole stock numbers added as a table.</p> <p>Added Instructions: The weight and circumference in these tables are approximate and should be used as a guide for shipping and handling purposes. Poles are a natural resource and may vary in weight and size within their respective class. Modified disposal note to incorporate the Ameren signed document for clearing Ameren of liabilities. Wood pole sizes have been standardized. The sizes in the table are the only available sizes for their respective heights.</p> <p>Information Removed: Reuse Note.</p> <p>Combined with: Standard 02 00 03 01</p>
02 00 02 00.pdf	Converted to new format
02 00 02 01.pdf	<p>Information Added: Note 4 added - The height and class of poles are determined by the number of conductors, the weight to be suspended, and ground clearance obstructions.</p> <p>Information Added: Note 4 added - Added 34kV Electronic Recloser with H2 wood pole and 12"/14" composite pole in the table.</p>
02 00 03 01	Removed and combined with 02 00 01 01
02 00 03 02	Removed and moved to EDM section of SharePoint site
02 00 04 01	<p>Note 2 Added: 10' separation throughout pole will be an additional stock number. Contact Standards for those numbers. This would need to be applied in limited circumstances to help reduce deflection for larger structures.</p> <p>Stock Numbers Added: Added multiple stock numbers in the table including the multi-layer poles and larger dual layer poles. Broke the table down to maximum allowed heights with their respective sizes.</p>

Distribution Construction Standards
3rd Quarter 2020 Update

02 00 04 02	<p>Revised: Designs for each circuit type have been updated. The designed poles were updated based on design criteria including stock numbers, rake, burial depth, sizes, and configurations.</p> <p>Note 1 Added: The loadings exceed composite pole limits. Call Standards to discuss other options.</p> <p>Note 2 Added: If OPGW is used at least a 15" composite pole will need to be used in tangent application.</p> <p>Combined with: Standards 02 00 04 02, 02 00 04 03, 02 00 04 04, and 02 00 04 05.</p>
02 00 04 03	Removed and combined with 02 00 04 02
02 00 04 04	Removed and combined with 02 00 04 02
02 00 04 05	Removed and combined with 02 00 04 02
02 10 01 01	Removed and moved to EDM section of SharePoint site
02 10 34 01	Removed and moved to EDM section of SharePoint site
02 20 03 01	<p>Title Change: Changed from Setting Depths for 55' and shorter to Pole Installation Setting Depths</p> <p>Added Instructions: All instructions above the table were added.</p> <p>Combined with: Standard 02 00 03 02</p>
02 20 03 02	Removed and combined with 02 20 03 01
02 20 04 01	Removed and moved to EDM section of SharePoint site
02 20 05 **	<p>Added Instructions: All instructions above the table were added.</p> <p>Note 1 Added: See DCS 02 20 03 01 for most common wood and composite pole setting depths, and 02 00 04 02 for application specific setting depths. Poles without a pole ground do not require the extra excavated 12" of soil.</p> <p>Revised: The drawings. Made them cleaner and easier to read</p>
02 30 07 00	Removed and moved to Maintenance section of SharePoint site.

Distribution Construction Standards
3rd Quarter 2020 Update

02 30 09 01	Removed and moved to Maintenance section of SharePoint site.
02 30 10 01	<p>Revised: Maximum sizes for composite poles for their respective heights.</p> <p>Revised: Instruction at top of the page to include - A heavily guyed wood structure can be substituted as a storm pole as it will not accelerate or start a cascade.</p> <p>Note 1 Added: Storm hardening recommendations for H-Frame structures shall be one complete structure every mile. This will be a Super Storm Pole of the 14"/15" size up to 80' tall. From there it shall be a 15"/17" pole. Refer to composite pole stock number standard for stock codes.</p> <p>Note 2 Added: OPGW static will increase the size of the pole above 70' tall. Due to the higher tensions this will constitute the larger structure for both Storm Poles and Super Storm Poles.</p> <p>Note 3 Added: All Storm Poles are buried 10% of the pole height plus 2 feet (10%+2') deep. All Super Storm Poles are buried 10% of the pole height plus 3.5 feet (10%+3.5') deep.</p> <p>Note 4 Added: Double circuit stock numbers are valid for applications with and without under build.</p>
02 30 10 02	<p>New Standard: This standard was designed for gang-operated switches on composite poles. This provides the maximum height of the composite poles with sizes. It also included stock codes for each size with application with designed circuits.</p> <p>Design Note Included: All Composite Switch Poles are buried 10% of the pole height plus 3.5 feet (10%+3.5) deep. They will also include 8 angle brackets below grade per standard 02 20 05 15.</p>
02 30 12 01	Removed and moved to Maintenance section of SharePoint site.
02 30 44 **	Removed and moved to Maintenance section of SharePoint site.
02 40 06 01	Removed and moved to EDM section of SharePoint site
02 40 06 03	Removed and moved to Maintenance section of SharePoint site.

Distribution Construction Standards
3rd Quarter 2020 Update

02 40 32 **	<p>Revised: Added instructions at top of page.</p> <p>Added: Wood Pole and Composite Pole step stock numbers in table on Page 2.</p> <p>Revised Notes: Changed from Notes to Design Notes.</p>
02 40 43 00	<p>Converted to new format</p> <p>Revised: BOM to add additional 6 nails for attaching to pole.</p> <p>Revised: BOM and removed Operation Code.</p>
02 40 46 **	<p>Converted to new format</p> <p>Revised: Combined BOM tables into one table.</p>
02 40 48 00	<p>Converted to new format</p>
02 40 49 00	<p>New Standard: Pole Top Protection - This standard covers wood poles cut off to protect the top of the pole from premature degradation.</p>
02 40 50 **	<p>Removed and moved to Maintenance section of SharePoint site.</p>
25 00 00 01.pdf	<p>Index Update for 3rd Quarter 2020 Changes</p>
25 12 20 01.pdf	<p>Item E: Changed to stock #40 52 468 (1-1/2" non-metallic conduit) from stock #40 52 062 (1-1/2" metallic conduit)</p>
25 92 00 00.pdf	<p>Item G: Changed to stock #12 01 280 (2" conduit) from stock #12 01 230 (1-1/2" conduit)</p>
25 92 01 01.pdf	<p>Item C: Changed to stock #12 01 280 (2" conduit) from stock #12 01 230 (1-1/2" conduit)</p>