



Round Timber Small Cell Pole

Round timber poles are a cost effective and versatile solution for small cell deployment. Delivery lead times are minimized by our US inventory and distribution partners.

APPLICATIONS

- 4G/5G small cell for single or multiple antenna configurations
- Temporary or permanent infrastructure
- Urban areas and small cities
- Construction, mining, and warehouse sites
- Rural communities and public safety
- Rapid and natural disaster response

STANDARD DIMENSIONS

- Natural taper round profiles ranging from 6" [153 mm] to 12" [205 mm] diameter at tip
- Standard height options from 20 ft [6 m] to 30 ft [9.2 m] above groundline
- Additional sizes available by request

MATERIAL SPECIFICATIONS

- Solid round wood pole visually graded according to ASTM D3200 and D25
- Standard wood species include Douglas Fir, Western Red Cedar and Southern Pine
- Pressure treated with DCOI or CCA preservative according to AWPA U1 and T1
- Non-corrosive and ideal for deployment near coastal waters

FOUNDATION

- Direct embed
- Design available based on geotechnical report or specified soil conditions

STRUCTURAL DESIGN

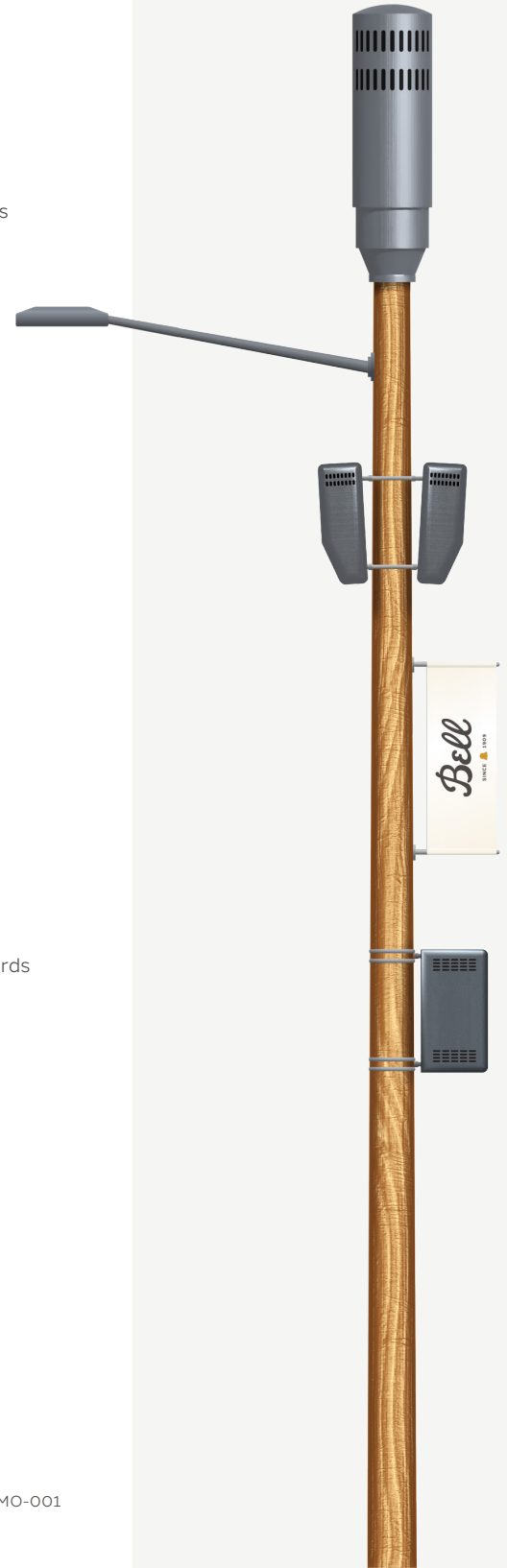
- Preliminary selection tables available for planning and budgeting (Available Soon)
- Project specific analysis per TIA-222, AASHTO, local building codes and required standards
- Design according to the National Design Specification (NDS) for Wood Construction

APPURTENANCES

- Compatible with many industry standard and modular mounting systems
- Exterior mounted cables, conduit, luminaire, antennas, and equipment

MANUFACTURING AND FABRICATION

- Incising or groundline boring as required according to AWPA or specifications
- Poles may be cut, fabricated, and delivered according to specifications and mounting requirements or cut and fabricated on-site





Glued-Laminated Timber Small Cell Pole

Glued-laminated timber (glulam) poles are a sustainable and customizable alternative to steel or composite for small cell deployments. Poles are made to order in the US and offer superior dimensional stability and durability compared to traditional round timber poles.

APPLICATIONS

- 4G/5G small cell for single or multiple antenna configurations
- Temporary or permanent infrastructure
- Construction, mining, and warehouse sites
- Rural communities and public safety
- Urban areas and small cities

STANDARD DIMENSIONS

- Square and rectangular profiles ranging from nominal 6" [153 mm] to 12" [205 mm]
- Standard height options from 20 ft [6 m] to 30 ft [9.2 m] above groundline
- Additional sizes available by request

MATERIAL SPECIFICATIONS

- Solid laminated wood pole manufactured according to ANSI A190.1
- Standard wood species include Douglas Fir and Southern Pine
- Pressure treated with DCOI or CCA preservative according to AWPA U1 and T1
- Non-corrosive and ideal for deployment near coastal waters

FOUNDATION

- Direct embed
- Design available based on geotechnical report or specified soil conditions

STRUCTURAL DESIGN

- Preliminary selection tables available for planning and budgeting (Available Soon)
- Project analysis per TIA-222, AASHTO, local building codes and required standards
- Design according to the National Design Specification (NDS) for Wood Construction

APPURTENANCES

- Compatible with many industry standard and modular mounting systems
- Exterior mounted cables, conduit, luminaire, antennas, and equipment

MANUFACTURING AND FABRICATION

- Incising or groundline boring as required according to AWPA or specifications
- Cut, fabricated, and delivered according to specifications and mounting requirements
- Surface textures, edge profiles, and decorative finishing available by request
- Factory applied stains available by request

