

Installing E-LAM® Tangent Laminated Wood Structures

Identification of Poles

Each E-LAM® laminated wood pole is tagged with the class and length on the face and the butt. If a variety of poles are required on a project, make sure the appropriate pole is spotted at the correct structure location. Additionally, poles of the same class may be drilled for different structures, and verification of structure types should also be confirmed.



Lifting

All poles are identified with “BP” on the face of the width (constant dimension) to identify the approximate balance point before any framing materials are added. The approximate weight of the treated pole will also be located at this point. The poles should be lifted with a steel choker or gut line rather than a flat nylon strap. The choker will slightly indent the edges on the rounded corners insuring a firm hold.

Handling

Poles can be handled just like any other wood pole. If rotation is required to bisect the angle, a regular cant hook for round poles can be used. Any field drilling and preservative treatment application should be consistent with the user’s accepted practices for wood products.

These are general recommendations and in no way should be given precedence when they come in conflict with an individual company’s accepted and established working practices.



Adjust and align structure using a cant hook or similar tool.

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Setting Recommendations

Follow general installation and handling recommendations as described on page 2. Auger hole to diameter and depth as recommended by LWS.

Generally, E-LAM® tangent poles should be set to a depth of 10% + 2 ft. (unless soil type and / or load conditions require additional depth - contact LWS for recommended setting depth, hole size and any other options such as foundation systems).

Plumbing: Plumb the structure along the centerline of the pole in both the trasverse and longitudinal directions.

