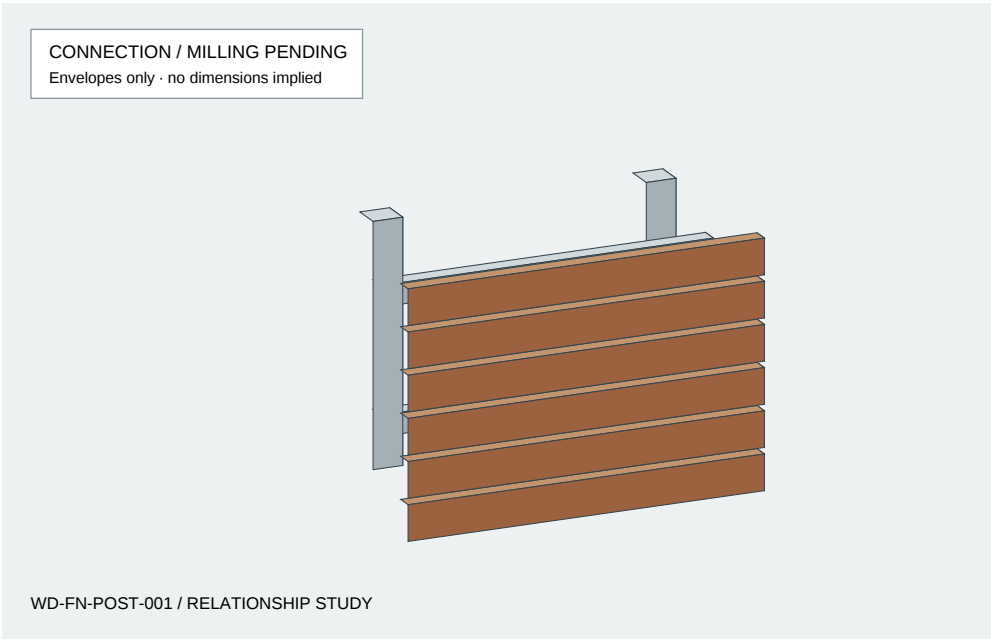


Horizontal hardwood fence / post condition

What carries each board end at the post?



Architectural concept. Appearance does not establish geometry, compatibility or code compliance.



Dimensionless component envelopes. Exact profile and hardware geometry remain unresolved.

Assembly and verification

Use the diagram to locate the connection and request the actual design. Post foundation, rail capacity, attachment, corrosion and property constraints require their own evidence.

Profile / supplied material

Actual board and post sections required. The drawing uses envelopes without structural dimensions.

Review sequence

1. Support

Confirm the designed posts, foundations and rails.

2. Layout

Review board direction and end locations.

3. Connection

Resolve attachment and exposure.

4. Boundary

Check corner, gate and ground interfaces separately.

Required project evidence

- ☐ Designed support and wind requirements
- ☐ Board-end attachment
- ☐ Metal and preservative compatibility
- ☐ Clearance and maintenance access

Source record

Verification state: conceptual coordination study. Source relationships are cited below; supplied-product fit and fabrication geometry are not verified.

US Forest Service Â/ moisture relations

Wood moisture and movement background; not a fastener, span or profile approval.

<https://research.fs.usda.gov/treesearch/62243>

Fastener Compatibility Â/ connection evidence

Resolve the complete material, profile, substrate and exposure combination.

<https://fastenercompatibility.com/>

Canonical detail

<https://wooddetails.com/details/horizontal-fence-post>

Limitations

This study explains coordination questions. It is not a dimensioned construction drawing, installation specification, structural design, waterproofing instruction or product approval. Use current manufacturer instructions, approved production drawings and the project design. Generated architectural context is illustrative. No DWG or DXF is supplied because verified distribution-ready CAD is not available for this study.