



CAMBIUM COIL CAMPFIRE

International MassTimber Conference

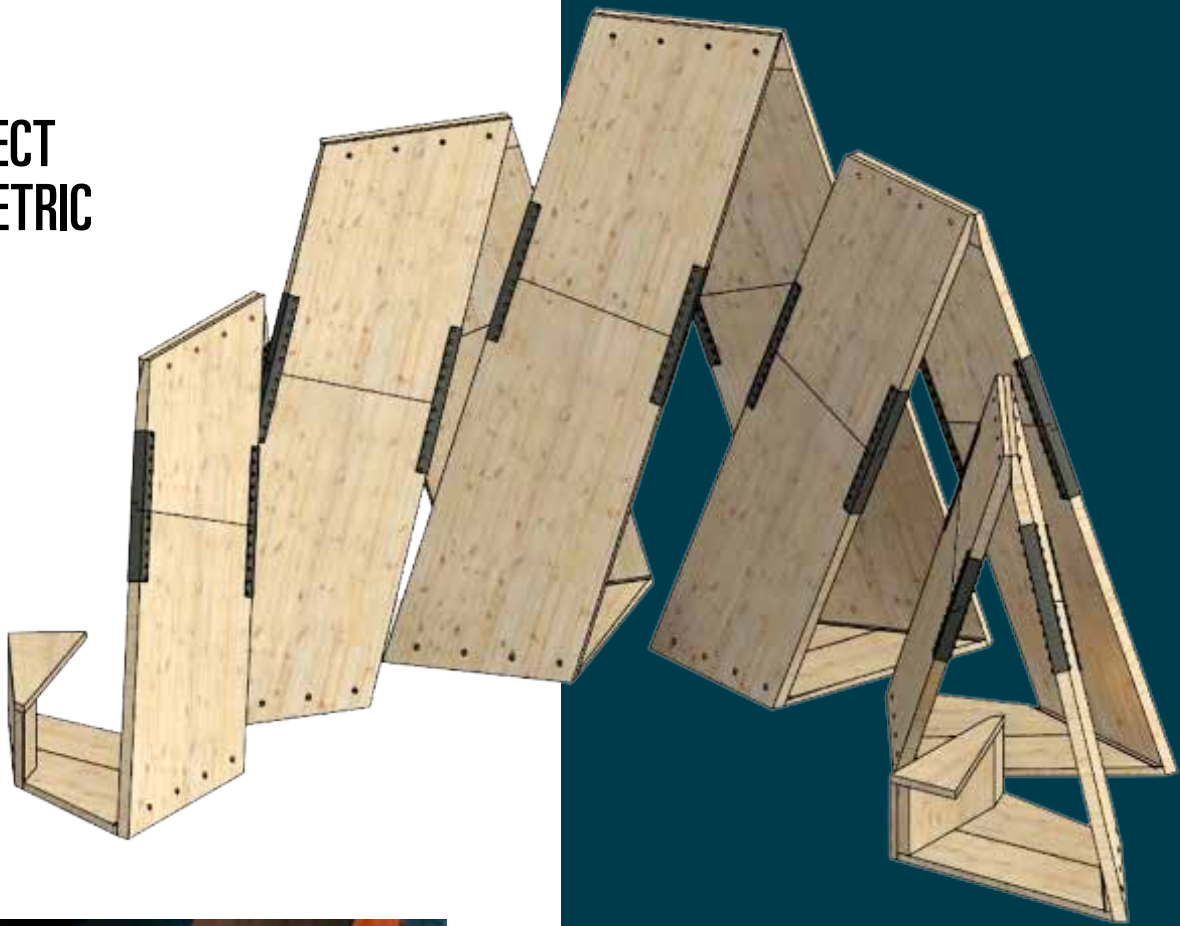
With the intention of bringing people together, RIOS designed this pavilion to evoke the experience of gathering around a campfire. Beginning with upcycled lumber sourced through Cambium, the mass timber panels radiate from a low table-like entrance to a soaring peak of nearly thirty feet. Sterling Structural, as the mass timber manufacturer, navigated the complexities of the pavilion's geometry, pushing fabrication capabilities while addressing the critical challenge of connection detailing. This ensured the structure could be assembled and disassembled for future use in multiple locations.

The design process was highly collaborative, with RIOS, Cambium, Sterling Structural, and Minimal Impact Engineering our installer working together to achieve both the architectural vision and the practical requirements of fabrication and installation.



Rendering by RIOS

PROJECT ISOMETRIC



PROJECT DETAILS

YEAR BUILT: 2024

BLDG SYSTEMS: Mass Timber

BUILDING TYPE: Pavilion

MATERIAL TYPES: Mass Timber
Fasteners/Hardware

PROJECT TEAM: Connection Hardware – Rothoblaas
Owner/Dev. – Cambium Carbon
Installer – Minimal Impact Engineering
Architect – RIOS

Also acting as the structural engineer, Sterling played a key role in refining the connections to balance structural integrity with adaptability.

