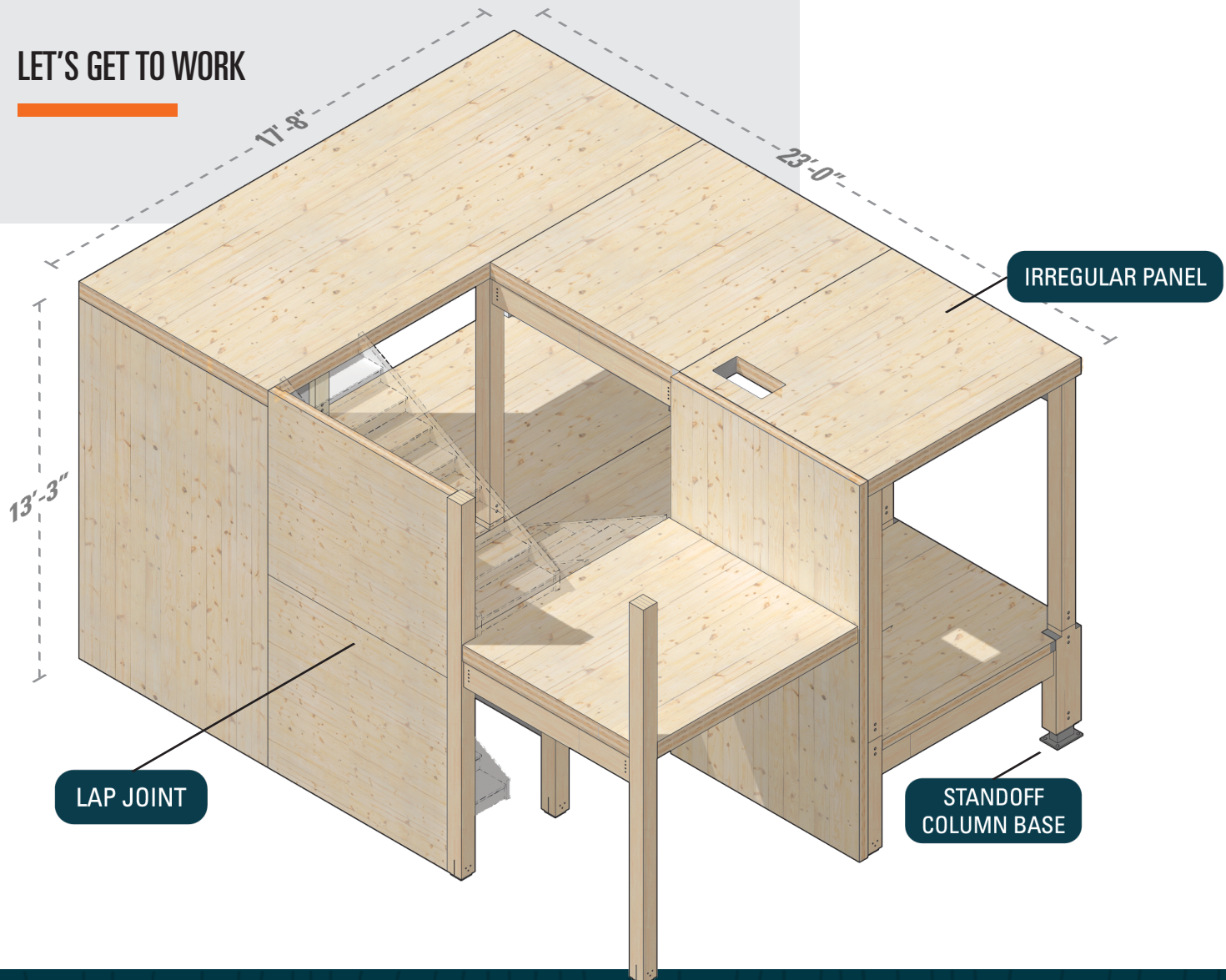


EXPERIENCE MASS TIMBER: HANDS-ON LEARNING FOR INSTALLERS

Sterling Structural is excited to offer a small-scale mass timber building mock-up designed to educate and train installers on the fundamentals of mass timber construction. This hands-on learning tool showcases key components of prefabricated CLT and glulam systems, demonstrating best practices for installation, connection detailing, and material handling.

Built to reflect real-world construction scenarios, the mock-up provides experience that helps you gain confidence working with mass timber, in preparation for the growing demand in sustainable, high-performance building solutions. Through this initiative, we aim to strengthen workforce readiness and bridge the knowledge gap in mass timber construction techniques.

LET'S GET TO WORK



WHAT'S INCLUDED

CLT PANELS

The large majority of mass timber projects include CLT panels, the mock-up features both 3-ply and 5-ply CLT to familiarize teams with different panel weights and handling requirements.

FLOOR, ROOF & WALL SYSTEMS

Users will learn panel-to-panel spline connections that are critical to a building's lateral strength. The mock-up includes both recessed plywood splines and surface-mounted straps, as both are common in the industry.

GLULAM COLUMN CONNECTIONS

Require different connections based on structural loads, fire rating for the super structure, and aesthetics. The kit includes column base connections to include a raised stand-off typical with concrete topping slabs.

GLULAM BEAM CONNECTIONS

To demonstrate more advanced connection techniques, the kit includes knife plate connections and concealed hangers, both of which require precise installation. Exposed bucket connections are not featured, as they are simpler to install and require less specialized training.

LET'S TALK TIMBER

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