

## Mass Timber Portfolio

M.Thrailkill.Architect has provided architectural and structural specifications for nearly 30 mass timber projects since 2015. These projects include a broad variety of types, from community and higher education, to transportation and municipal, to residential and office buildings, and a range of structural systems, from pure mass timber to different hybrid mass timber structural systems. We've produced baseline mass timber specifications for manufacturers and contractors as well.

1. Arcoa Building | *Ink:Built Architecture*  
Mass timber hybrid of mass plywood decks, glue-laminated wood frame and concrete core  
Mid-rise commercial, residential and office building (Portland, Oregon)
2. Dekum Court | *Lever Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated wood frame with steel braced frames  
Low-rise community building (Portland, Oregon)
3. Perry Smiley Building | *Lever Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated wood frame with steel braced frames  
Mid-rise commercial and office building (Culver City, California)
4. Baseline Specifications | *Swinerton Mass Timber*  
Development of baseline mass timber specifications for cross-laminated timber (CLT), glue-laminated wood, mass plywood panels (MPP) and connection hardware for contractor's use on multiple projects
5. Phase 4, 3rd Avenue | *Hacker Architects*  
Mass timber hybrid of mass plywood decks, glue-laminated wood frame and concrete core  
Mid-rise class A office building (Portland, Oregon)
6. Division 28 Homes | *Hacker Architects*  
Mass timber hybrid of cross-laminated timber (CLT) decks and cast-in-place concrete frame and core  
Mid-rise class A office building (Portland, Oregon)
7. CT7 Spring Street | *Lever Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated wood frame and steel core  
Mid-rise class A office building expansion of existing warehouse (Los Angeles, California)
8. Baseline Specifications | *Freres Brothers*  
Development of baseline mass timber specifications for manufacturer's own mass plywood panels (MPP)
9. Halley Rise | *Hacker Architects*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated timber frame and concrete core  
Mid-rise class A office building (Reston, Virginia)
10. Charles M. Schulz, Sonoma County Airport | *Mead & Hunt*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated and steel frame and core  
Airport terminal expansion and additions, low-rise (Santa Rosa, California)
11. University of Portland Shiley-Marcos Center for Design and Innovation | *Opsis Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks and steel frame  
Higher education teaching and laboratories, low-rise (Portland, Oregon)

12. Pier 70 Parcel A | *Hacker Architects*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated wood frame with steel braced frames  
Mid-rise class A office building (San Francisco, California)
13. Hillsboro Community Center | *Opsis Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated and steel frame and core  
Community recreation center, low-rise (Hillsboro, Oregon)
14. Oregon Episcopal School Gymnasium Expansion | *Lever Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber frame and core  
Campus sports and recreation building expansion, low-rise (Portland, Oregon)
15. Meyer Memorial Trust Headquarters | *Lever Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber with wood frame and core  
Low-rise class A office building (Portland, Oregon)
16. Nomad Apartments | *Works Progress Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber and wood frame and core  
Mid-rise mixed-use, multi-family housing (Portland, Oregon)
17. Adidas East Village South Building | *Lever Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated timber and steel frame and core  
Corporate headquarters class A office building, mid-rise (Portland, Oregon)
18. Adidas East Village North Building | *Lever Architecture*  
Mass timber hybrid of mass plywood decks, precast concrete frame and concrete core  
Corporate headquarters class A office building, high-rise (Portland, Oregon)
19. Ledding Library | *Hacker Architects*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber and wood frame and core  
Community library, low-rise (Milwaukie, Oregon)
20. Canyons Apartments | *Path Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber and wood frame and core  
Mid-rise mixed-use, multi-family housing (Portland, Oregon)
21. Adidas Intersection | *Hacker Architects*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated timber frame and concrete core  
Mid-rise class A office building lobby addition (Portland, Oregon)
22. Oregon Conservation Center/ The Nature Conservancy | *Lever Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber frame and core;  
CLT panels and glue-laminated members made from Forest Stewardship Council (FSC) certified wood  
Low-rise class A office building addition and renovation (Portland, Oregon)
23. Forest Park Entrance and Nature Center | *Dangermond Keane Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber and wood frame and core  
Low-rise community and parks facility (Portland, Oregon) - Not constructed
24. Silica | *William Kaven Architecture*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated timber frame and concrete core  
Mid-rise class A office building (Portland, Oregon)

25. First Tech Credit Union Oregon Headquarters | *Hacker Architects*  
Mass timber hybrid of cross-laminated timber (CLT) decks, glue-laminated timber and steel frame and core  
Mid-rise class A office building (Hillsboro, Oregon)
26. Outpost | *Skylab Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber frame and core  
Mixed-use commercial, low-rise (Hood River, Oregon)
27. Oregon State University, College of Forestry | *Michael Green Architects*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber frame and core  
Higher education teaching and laboratories, low-rise (Corvallis, Oregon)
28. Framework | *Lever Architecture*  
Mass timber of cross-laminated timber (CLT) decks and glue-laminated timber frame and core  
High rise mixed-use office building / residential (Portland, Oregon) - Not constructed

*Projects are listed in reverse chronological order, with most recent project first; some projects are in design and documentation stages currently, others are completed (or were not constructed as noted)*