Disclaimer: This presentation was developed by a third party and is not funded by WoodWorks or the Softwood Lumber Board.
First Tech Federal Credit Union
Hillsboro, OR

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber & Concrete

STRUCTURE
156,000 square feet | 5 levels
Construction Type III-A
Glulam post and beam frame with CLT floor and roof diaphragm
Lateral System | Steel BRBF
Typical Grid | 12’x30’

HIGHLIGHTS
Largest CLT structure in the US by square footage
Completed June 2018 | Four months faster than conventional construction
Construction cost | 4% savings over conventional construction
VD & C: structure (mass timber, concrete, steel), MEPF system, facade, drywall
Design-Build MEPF

TEAM
Owner | First Tech Federal Credit Union
Architect | HACKER
Structural Engineer | Kramer Gehlen & Associates
Timber Engineering | Equilibrium Consulting
OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber

STRUCTURE
52,000-square-foot headquarters building
24,000-square-foot seminar center
Construction Type III-B
Glulam post and beam frame with CLT floor and roof diaphragm
Lateral System | CLT Core
Typical Grid | Columns spaced at 30’x37’ with purlins

HIGHLIGHTS
Arched Glulam roof
Completed January 2019
Construction cost | $31 million
European-supplied mass timber

TEAM
Architect | OZ Architecture
Structural Engineer | Martin/Martin
Timber Engineering | Fast+Epp
Washington County Event Center
Hillsboro, OR

OUR ROLE
Construction Manager / General Contractor
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STRUCTURE
89,000 square feet
Construction Type III-B
Steel structure with Glulam beams, CLT roof
Lateral system | Steel BRBF

HIGHLIGHTS
Expected Completion: April 2020
Construction Cost | $39,500,000

TEAM
Client | Washington County
Architect | LRS Architects
Structural Engineer | Nishkian Dean
Hillsboro Community Center
Hillsboro, OR

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber & Concrete

STRUCTURE
51,000 square feet
Construction Type III-B
Glulam with CLT floor and roof
Lateral System | Concrete Shear Walls

HIGHLIGHTS
18' cantilevers at entry
91’ glulam spans across gymnasium
Expected Completion: Dec 2020
Construction Cost | $27,000,000

TEAM
Client | City of Hillsboro
Architect | Opsis Architecture
Structural Engineer | KPFF Consulting Engineers
Beaverton Public Safety Center
Beaverton, OR

OUR ROLE
Furnish & Install Mass Timber

STRUCTURE
80,100 square feet | 3 levels
Construction Type V-B
Structural Steel frame, CLT floors and roof diaphragm
Lateral System | Steel BRBF
Typical Grid | 20’ x 27’

TEAM
Owner | City of Beaverton Police Department
Architect | FFA Architecture
Structural Engineer | KPFF Consulting Engineers
General Contractor | SKANSKA
Timber Furnish & Install | Swinerton
Pier 70 Parcel A
San Francisco, CA

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber

STRUCTURE
280,000 GSF | 6 stories
Construction Type III-A
Glulam post and beam frame, CLT floor diaphragm
Lateral System | Concrete
Typical Grid | 15’ x 30’

TEAM
Owner | Brookfield Asset Management
Architect | HACKER
Structural Engineer | KPFF Consulting Engineers
Zylstra Building
Seattle, WA

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber & Concrete

STRUCTURE
35,000 GSF
Construction Type IV-HT
Glulam post and beam frame with CLT floors
Lateral System: Concrete Shear Walls
Typical Grid: 11’x30’

HIGHLIGHTS
Schedule | In Preconstruction
Construction cost | Confidential

TEAM
Owner | Ben & Christy Zylstra
Architect | Freiheit Architecture
Structural Engineer | DCI Engineers
Kresge College Academic Building
Santa Cruz, CA

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber & Concrete

STRUCTURE
15,887 GSF
Construction Type IV-HT
Glulam post and beam frame with CLT roof diaphragm
Lateral System | CLT Shear Walls

HIGHLIGHTS
Construction Schedule | In Preconstruction
Construction Cost | $39 million
Curved timber roof structure

TEAM
Owner | University of California Santa Cruz
Architect | Studio Gang with TEF Design
Structural Engineer | Magnussen Klemencic Associates
Northstar Performing Arts Center
Truckee, CA

OUR ROLE
Construction Manager / General Contractor
Self-Perform Mass Timber

TEAM
Client | Tahoe Region Arts Foundation
Architect | williams + paddon
Structural Engineer | Holmes Structures
PDX TCORE – Timber Roof
Portland, OR

OUR ROLE
Mass Timber Subcontractor

TEAM
Client | Port of Portland
Architect | ZGF
Structural Engineer | KPFF
Ascent
Milwaukee, WI

OUR ROLE
Mass Timber Subcontractor

STRUCTURE
250,000 GSF | 16 stories
Glulam post and beam frame, CLT floor diaphragms
Lateral System | Concrete core

HIGHLIGHTS
Tallest Timber Tower Proposed in US

TEAM
Architect | Korb and Associates
Construction Manager | Catalyst Construction
Structural Engineer | Thorton Tomasetti
MEP Engineer | DLR Group
THANK YOU!

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