University of Idaho
Architectural and
Engineering Services

Idaho Central Credit Union Arena

Quick Facts

Schedule Milestones

- Regents Design Authorization: February 2017
- Start of Design Phase: August 2017
- Regents Construction Auth.: May 2019
- Start of Construction: June 2019
- Substantial Completion: September 2021

Design & Construction Team

- Prime Architect: Opsis Architecture, *Portland, OR*
- Associate Architect: Hastings+Chivetta, *St. Louis. MO*
- Mech / Elec Engineering: MW Consulting Engineers, *Spokane, WA*
- Structural Engineering: KPFF, *Boise, ID and Portland, OR*
- Construction Manager / GC: Hoffman Construction Company, *Portland, OR*
- Wood Structure Design-Build: StructureCraft Builders, *Abbotsford, BC*

Basic Building Data

- Total Floor Area: 66,186 square feet
- Total Height: 70-feet
- Clear Span over BB Court: 140-feet
- Seating Capacity: 4,000 Basketball | 4,500 Events
- Construction Cost: $44,200,000
- Total Project Cost: $51,000,000
- Building Use: Multi-use Facility for Basketball, BB Ops and Mid-size Events

Basic Wood Data

- Mass Timber Components
  - Dowel Laminated Timber Panels (DLT)
  - Cross Laminated Timber Panels (CLT)
  - Glue Laminated Columns, Beams, Benches, Counters, Curtain Wall and Stair Treads
- Source of Timber / Lumber: UI Forests / Idaho Forest Group
- Glulam Beam Manufacturers: Boise Cascade, *Homedale, ID* and QB Corporation, *Salmon, ID*
- Plywood Manufacturer: Potlatch Deltic, *St. Maries, ID*
- Number of Glulam Beams: 902
- Volume of Glulam Beams: 27,600 cubic feet
- Weight of Glulam Beams: 442 tons
- Largest Glulam Beam: 10-1/4" x 72" x 60-feet / 8,300 pounds
- 2x4 & 2x6 Dimension Lumber: 82,500 board feet
- 1/2" & 5/8" Plywood at Roof: 4000 sheets / 64,000 square feet
- Total Volume Wood Products: 45,000 cubic feet

Sustainability

- USGBC LEED Certification: Designed to LEED Silver Standards (Not Certified)
- Carbon Stored in Wood: 1141 metric tons
- Potential Carbon Benefit: 1583 metric tons (equivalent to 335 cars off road for one year)