

REPRESENTATIVE LIST OF SINGLE FAMILY RESIDENTIAL PROJECTS



Landes / Oatey Residence, Jackson Hole, WY

Architect: Ward + Blake Architects, Jackson, WY

Project Scope: 6000 sq. ft., private residence.

Special Design Requirements: Two-layer concrete thermal mass wall system; sod roofs.



Ward Residence, Jackson Hole, WY

Architect: Ward + Blake, Jackson Hole, WY

Project Scope: 6500 sq. ft., private residence with integrated garage.

Special Design Requirements: Structural steel roof; 20% of the structural walls are constructed with rammed earth.



Jones Homestead, Big Sky, MT.

Architect: Centre Sky Architects, Big Sky, MT.

Project Scope: 12,000 sq. ft., private residence

Special Design Requirements: Large vaulted ceilings with exposed heavy timber framing.



Future House USA, Beijing, China

Project Scope: United States' demonstration home as part of the 2008 Olympics. The structure represents some of the greenest building technologies in practice in the United States. The house is constructed out of Structural Insulated Panels. Nishkian Monks was chosen as the structural design consultant for their extensive knowledge of Structural Insulated Panel design and construction.

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Balyasny Guest House, Jackson, WY

Architect: Ward+Blake Architects, Jackson Hole, WY
Project Scope: 5000 sq. ft., private residence
Special Design Requirements: Sod roofs, exposed steel framing surrounded by windows.



Balyasny Caretakers House, Jackson Hole, WY

Architect: Ward + Blake, Jackson Hole, WY
Project Scope: A 1,000 sq. ft., residence.
Special Design Requirements: Cantilevered columns laterally support a sod roof and large snow load past wrap around clevestory windows.

Image
Coming
Soon

Balyasny Main House Jackson Hole, WY

Architect: Ward + Blake, Jackson Hole, WY
Project Scope: 5000 sq. ft., private residence
Special Design Requirements: Sod roofs, exposed steel framing surrounded by windows.



Rendering by: Place Architecture

Gallatin River Residence, Bozeman, MT

Architect: Place Architecture
Project Scope: 4500 sq. ft., single family residence. All project drawings were generated with Revit.
Special Design Requirements: Structure features a 120+ ft long board former concrete wall that is 10 feet tall. This project utilizes wood, concrete, steel and SIP panels to execute the design.

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Lemke Residence, Napa Valley, CA

Architect: Robert A. Stern, New York
Project Scope: 7000 sq. ft. private residence; 1600 square feet detached garage; 1360 square feet guest/pool house; retaining walls and garden structure.
Special Design Requirements: Roof garden above pool house³.



Policy Residence, Yountville, CA

Architect: Backen Gillam Architects, Sausalito, CA
Project Scope: 9000 sq. ft. private residence.
Special Design Requirements: Light frame wood construction with large clear spans and tall (13ft) plate heights



Lundgren Residence, Bozeman, MT

Architect: Prugh & Lenon Architects, Bozeman, MT
Project Scope: 3500 sq. ft., private residence; 1400 square feet attached garage/guest house; 1500 square feet detached garage structure.
Special Design Requirements: Large exterior deck area; R-Control roof system.



Olivo Residence, Bozeman, MT

Architect: Intrinsic, Bozeman, MT
Project Scope: 4500 sq. ft. private residence; 2600 square feet attached garage/guest house.
Special Design Requirements: Custom heavy timber truss roof support at living room.

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Discovery Cabins, Spanish Peaks – Big Sky, MT

Architect: Hart Howerton, NY

Project Scope: 4000 sq. ft. residences in private club community by the developers of the Yellowstone Club.

Special Design Requirements: Partial round log construction; Seismic zone D with 180psf ground snow load; Wood framing construction without the use of steel frames.



Pioneer Cabins, Spanish Peaks – Big Sky, MT

Architect: Hart Howerton, NY

Project Scope: 4500 sq. ft., residences in private club community by the developers of the Yellowstone Club.

Special Design Requirements: Partial round log construction; Seismic zone D with 180psf ground snow load; Wood framing construction without the use of steel frames.



Valley West Homes, Bozeman, MT

Architect: Intrinsic Architecture, Bozeman, MT

Project Scope: 58 Single family residences: six 1500 sq. ft. base models repeated with several modified models.

Special Design Requirements: A balance of architectural design and ease of construction.



Paradise Valley Tower House, Livingston, MT.

Architect: Roto Architects

Project Scope: Unique 2,000 Sq. ft., 4 story home with sloping exterior walls. Rigorous construction and design constraints

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Emery Residence, Sugarbowl, CA

Architect: Locati Architects, Bozeman, MT

Project Scope: 6000 sq. ft. private vacation home; large exterior deck area.

Special Design Requirements: 430psf design snow load; steel moment frames to accommodate large viewing windows.



Quackenbush Cabin, Big Sky, MT

Architect: Place Architects, Bozeman, MT

Project Scope: 1700 sq. ft., residential log cabin.

Special Design Requirements: Existing ground floor log structure was seismically upgraded and connected to new foundation. Added new upper level



Altman Mineshaft, Big Sky, MT

Architect: Centre Sky Architects, Big Sky, MT

Project Scope: 7,000 sq. ft., single family residence. Structure consists of conventional light frame construction with a significant amount of heavy timber framing and some structural steel framing.



McGuane Residence, Bozeman, MT

Architect: Think Tank Design Group, Bozeman, MT

Project Scope: 2000 sq. ft., 2-story single family residence. Structure consists of conventional light frame wood construction founded on strip and spread footings. Designed to maintain historic features of original residence on the site.

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Cottonwood Silos, Bozeman, MT

Architect: Think Tank Design Group, Bozeman, MT

Project Scope:

Special Design Requirements:



Gumpel Residence, Wapiti Valley, WY.

Architect: Ryker-Nave Architects, Livingston, MT.

Project Scope: Project Scope: This unique aggressive architectural style residence consists of a new 2,800 square feet steel and glass framed structure anchored by two rammed earth walls. Completed in August 2007.