

REPRESENTATIVE LIST OF COMMERCIAL PROJECTS



Chisdack Dental Surgery Center, Bozeman, MT

Architect: Place Architecture, MT

Project Scope: This project comprises surgery rooms, waiting room, offices, and outdoor deck space.

Special Design Requirements: Custom designed wood & steel trusses, large open to below areas, cantilever entry roofs.



Capstone Medical Office Building, Bozeman, MT

Architect: CTA Architects Engineers, Bozeman, MT

Project Scope: 20,000 sq. ft. office building. Structure consists of structural steel columns and primary beams used in combination with typical light frame wood construction. Foundation consists of conventional strip and spread footings.



Owenhouse ACE Hardware, Bozeman, MT

Architect: Prugh & Lenon Architects, Bozeman, MT

Project Scope: 40,000 sq. ft. two-level hardware store and garden center.

Special Design Requirements: Seismic system consists of ordinary concentric braced frames and light gage strapped walls. Complex main entry includes large cantilevering awning and tall masonry parapets.

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Snowload Office Building, Bozeman, MT



Architect: Beausoleil Design, Inc, Bozeman, MT

Project Scope: Three story office and retail building with 27,000 sq. ft. of leasable space and one story below grade to accommodate 23 parking spaces.

Special Design Requirements: The 2nd and 3rd floors framed with wood shear walls are transferred out to steel moment frames at the first floor to allow large bay windows.



Spanish Peaks Clubhouse, Big Sky, MT

Architect: Hart Howerton, NY

Project Scope: New clubhouse for the Spanish Peaks private golf club. The project includes guest units, spa facilities, and a golf pro shop, as well as dining and lounge areas.

Special Design Requirements: Concrete post tensioned main level decks; round log trusses; geopier foundation system.



Spanish Peaks Gatehouse, Big Sky, MT

Architect: Hart Howerton, NY

Project Scope: New gatehouse for Spanish Peaks development.

Special Design Requirements: Seismic support of large stone chimney on steel framework.

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Rendering by: CTA Architects Engineers
For: Boyne Properties, Inc.

Big Sky Village Center, Big Sky, MT

Architects: CTA Architects & Engineers

Project Scope: A 4-Story 65,000 square foot, mixed use project that will house retail space, restaurants and residential condos. Structure includes 1-story two-way flat plate with drop panels podium supporting 3-stories of wood framing.

Special Design Requirements: Heavy snow loads. 2-story sloping roof requiring many transfer conditions.



Deer Park Chalet, Bozeman, MT

Architects: Prugh & Lenon Architects

Project Scope: 2 story, 10,000 square foot ski chalet with a full basement, a loft and a large outdoor deck area using steel composite floor system and exposed recycled timber wood framing.

Special Design Requirements: Extremely large snow loadings and phasing of construction over multiple construction seasons.



Summit Inn, Big Sky, MT

Architect: Prugh & Lenon Architects

Project Scope: 290,000 square foot 10 story steel frame 100 room hotel

Special Design Requirements: Complications include building in Seismic Zone 4

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City Of Bozeman Public Library, Bozeman, MT

(Under Allied Engineering Contract)

Architects: Overland Partners Architects

Project Scope: 49,000 square foot, two story steel frame facility.

Special Design Requirements: The project features extensive green design elements such as natural night-flushing ventilation, capture and recycling of rainwater runoff, photo-voltaic cells for supplementing electrical energy demands, and striking visual elements.



Pacific Inn, Santa Cruz, CA

Architect: Montalbano Architects

Project Scope: 7,000 sq. ft. , three story hotel.

Special Design Requirements: A moment frame and wood shearwalls worked together to accomplish a very small drift deflection requirements.



Four Seasons Resort, Jackson Hole, WY

Architect: Hill Glazier Architects, CA

Project Scope: This project comprises several buildings and was built on various levels. The project includes a hotel portion, a portion for condominium/timeshare use, and a parking structure.

Special Design Requirements: Concrete post tensioned floor decks; complex steel beam roof.

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Delphine Warehouse, Bozeman, MT

Architect: DZNY2architects, Bozeman, MT

Project Scope: 11,000 sq. ft., two story office/warehouse building.

Special Design Requirements: This structure was very uniquely shaped, and was framed utilizing Structural Insulated Wall and Roof Panels. Roof panels and the second floor were supported on open web steel bar joists.



Lerner Office Building, Bozeman, MT

Architect: Pilari Architects, Bozeman, MT

Project Scope: 30,000 sq. ft., three story office building. Framing consisted of composite steel floors w/ special moment frames and concrete masonry shear walls. Construction completion T.B.D.



Britannia Oyster Point - Phase 2

South San Francisco, CA

Architects: DES Architects & Engineers

Project Scope: 3 buildings (2 - 4 Story, 1 - 3 Story) with 2 story garage below all 3. Total area = 401, 000 ft². Composite steel construction throughout.

Special Design Requirements: Special concentric base frames; green roofs & plaza areas; shotcrete for all foundation walls and shear walls.

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Pinnacle Restaurant, Big Sky, MT

Architect: Hart-Howerton Architects, NY

Project Scope: Located at 8600 feet above sea-level, this project is a 4800 sq. ft., mountain lodge/restaurant at the Big Sky Resort in Southwest Montana.

Special Design Requirements: Heavy timber construction mixed with standard light frame wood construction; steel reinforced log trusses.



MSU Marsh Lab Large Animal Facility, Bozeman, MT

Architect: StudioForma Architects, Bozeman MT

Project Scope: This project consisted of a new 7,300 square foot large animal lab rated for Bioscience Safety Level 2 (BSL 2). The building is CMU on the main level with a 6,000 square foot elevated mechanical level above the lab spaces. Also included are covered animal handling areas designed for animals as large as bison. Completion is expected in September 2008.



MSU Marsh Lab Small Animal Facility, Bozeman, MT

Architect: StudioForma Architects, Bozeman MT

Project Scope: This project consisted of an extensive renovation and addition to an existing laboratory building with a final square footage is 3,500. The project required the installation of a new roof over the existing roof and converting the existing roof to a new mechanical equipment level. New floors, shear walls and lateral bracing were also installed. The project is a Level 3 Bioscience Safety Lab (BSL 3) for hazardous pathogens. Completion was in April 2007

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MSU Bio-Science Building, Bozeman, MT

Architect: StudioForma Architects, Bozeman MT

Project Scope: This 50,000 square feet new building consist of offices for the School of Agriculture, classrooms and research facilities for animal and range sciences. The building is a three-story steel frame with braced frames for seismic resistance, with a partial basement and a partial penthouse floor within the attic space for mechanical equipment. Expected completion is December 2009.

Image
Coming
Soon

Burgard Office Building, Bozeman, MT

Architect: Bitnar Architects, Bozeman MT

Project Scope: This unique office building is a new 35,000 square feet three story office building designed to be Silver LEED Certified project. The unique spaces are built around a continuous south facing glass wall immediately along side Interstate 90 in a high profile location. All spaces will be finished on elevated computer flooring. The structure consists of exposed structural framing using bar joist supported on exposed glu-laminated wood girders and columns. Lateral resistance is provided by a steel moment frame and CMU shear walls. Completion is expected in the Spring of 2010.