



TY MONKS, P.E., LEED A.P., MANAGING PRINCIPAL

Ty Monks has over eleven years of experience as a structural engineer. He is responsible for the day-to-day management and operations at Nishkian Monks, and is actively involved with all projects in the office. He has extensive experience in wood, steel and concrete design. His wide range of experience can also be measured in terms of scale of projects, diversity of work, and people/office management. Ty's careful consideration to details and his attentive and responsive service have earned him a reputation of continual excellence.

RELEVANT PROJECT EXPERIENCE

First Security Bank Renovation & Addition - Bozeman, MT

Project Role: Principal & Project Manager
Structural System: Brace Frames, Moment Frames, Masonry Shear Walls

Snowload Office Building - Bozeman, MT

Project Role: Principal & Project Manager
Structural System: Structural Steel, Moment Frames, Conventional Wood Framing

Spanish Peaks Clubhouse - Big Sky, MT

Project Role: Principal & Project Manager
Structural System: Concrete Post-tensioned Podium, Conventional Wood Framing with Some Structural Steel, Heavy Timber Round Log Framing

Pinnacle Restaurant - Big Sky, MT

Project Role: Principal & Project Manager
Structural System: Heavy Timber and Conventional Wood Framing, Steel Moment Frames

Four Seasons Resorts - Jackson Hole, WY

Project Role: Project Engineer
Structural System: Composite Steel, Post-tensioned Concrete, Conventional Wood Framing

Shipley Square Condominium Housing - San Francisco, CA

Project Role: Project Manager & Design Engineer
Structural System: Post-tensioned Concrete, Masonry Shear Walls, Light Gage Metal Framing

EDUCATION

University of California
Berkeley
Bachelor of Architecture
1995
Master of Science
Structural Engineering
1997
Master of Architecture
1997

ENGINEERING LICENSES

California
C-64229
Indiana
PE-10303107
Montana
PE-15860
South Dakota
PE-8992
Utah
PSE-5912051-2203

PROFESSIONAL ORGANIZATIONS

Green Building Certification
Institute

American Society of Civil
Engineers

International Code Council

American Institute of Steel
Construction, Inc.

Structural Engineers
Association of Northern
California

American Council of
Engineering Companies



SCOTT HIGINBOTHAM, P.E., S.E. - PRINCIPAL

Mr. Higinbotham has been a part of the Nishkian Monks design team since May of 2004, starting out as a project engineer and becoming a Partner in 2006. Prior to joining Nishkian Monks, Mr. Higinbotham spent four years working for Rathgeber / Goss Associates in Rockville, MD as a structural design engineer. Mr. Higinbotham has worked on a wide variety of projects throughout his career ranging from small residences and consulting projects to large multi-story office buildings. Mr. Higinbotham is known for providing a high level of service through the entire project from schematic design through construction completion.

RELEVANT PROJECT EXPERIENCE:

Bozeman High School Renovation & Addition – Bozeman, MT

Project Role: Principal & Project Manager

Structural System: Composite Steel, Brace Frames, Moment Frames, Masonry Shear Walls

Capstone Medical Office Building – Bozeman, MT

Project Role: Project Manager

Structural System: Conventional Wood Framing with Some Structural Steel

Big Sky Village Center – Big Sky, MT

Project Role: Project Manager

Structural System: Two-Way Flat Slab Podium Supporting Conventional Wood Framing

Capital One Headquarters – McLean, VA

Project Role: Design Engineer

Structural System: Composite Steel with Braced Frames and Post-Tensioned Concrete

Chisdak Dental Surgery Center – Bozeman, MT

Project Role: Project Manager & Design Engineer

Structural System: Conventional Wood Framing with Custom Wood & Steel Trusses

Britannia Oyster Point Phase 2 – South San Francisco, CA

Project Role: Project Manager

Structural System: Composite Steel with Braced Frames

Clear Creek Middle School – Buffalo, WY

Project Role: Project Manager

Structural System: Structural Steel and Masonry

EDUCATION

The Pennsylvania State
University
Bachelor of Arch. Engineering
Structural Emphasis
2000

ENGINEERING LICENSES

California
C 72750

Connecticut
PEN.0026786

Montana
PE 16759

New York
085089-1

Nevada
SE 019760

Pennsylvania
PE 075089

Wyoming
PE 11646

PROFESSIONAL ORGANIZATIONS

American Institute of Steel
Construction

Structural Engineer's
Association of Montana

American Concrete Institute



MATT T. MILLER, P.E. – ASSOCIATE

Mr. Miller joined Nishkian Monks in June of 2005, working as a Project Engineer and as an Associate in 2006. Prior to joining Nishkian Monks, Mr. Miller spent four years working for Allied Engineering Services, Inc. as a structural design engineer.

Mr. Miller has a wide expanse of experience in designing structures; from small single family residences to large multi-story commercial buildings and educational facilities. He is proficient in designing structures in regions of high seismicity utilizing steel, concrete, masonry, and wood. Mr. Miller is also one of the leading consulting engineers for the structural insulated panel industry. Mr. Miller is experienced in existing masonry structures, having provided engineering services on more than 7 structures over 100 years old.

Mr. Miller has provided structural plan review services for local jurisdictions on over \$100 Million in commercial projects.

RELEVANT PROJECT EXPERIENCE

MSU Animal Bioscience Facilities – Bozeman, MT

Project Role: Project Manager

Structural System: Composite Steel, Brace Frames

New Chief Joseph Middle School – Bozeman, MT

Project Role: Project Manager

Structural System: Load Bearing Masonry, Composite Steel

Big Sky Town Center – Big Sky, MT

Project Role: Project Manager

Structural System: Wood Framing, Steel Moment Frames & Wood Shear Walls

Mill Street Lofts – Bozeman, MT

Project Role: Project Manager

Structural System: Composite Steel, Braced Frames

Hamilton Landing – Novato, CA

Project Role: Project Manager

Structural System: Tilt-up Concrete

Rialto Building Remodel – Bozeman, MT

Project Role: Project Manager

Structural System: Load bearing Masonry & Steel Frames

Lerner Office – Bozeman, MT

Project Role: Project Manager

Structural System: Composite Steel, Moment Frames, Masonry Shear Walls

New Bozeman Library – Bozeman, MT

Project Role: Project Engineer

Structural System: Composite Steel, Moment Frames, Heavy Timber Construction

EDUCATION

Montana State University
Bachelor of Science
2001

Montana State University
Masters of Science-
Structural Engineering
2002

ENGINEERING LICENSES

Montana
PE-14844

PROFESSIONAL ORGANIZATIONS

American Institute of Steel
Construction

Structural Engineer's
Association of Montana

SPECIALIZED TRAINING

California Division of State
Architect – Structural Plan
Review



NATHAN MCBRIDE, P.E.- PROJECT MANAGER

Mr. McBride joined Nishkian Monks in February of 2007, working as a Project Engineer and has moved into Project Management. Prior to joining Nishkian Monks, Mr. McBride spent five years working for Magnusson Klemencic Associates in Seattle, WA as a structural design engineer.

While working for Magnusson Klemencic Associates in Seattle, Mr. McBride gained valuable experience in the design, analysis, and planning of high-rise concrete structures in regions of high seismicity. He analyzed and designed concrete towers ranging from 8 to 64 stories. This experience coupled with the commercial and residential projects at Nishkian Monks have provided Mr. McBride with the skills necessary to design projects of any size. The varying size of projects has provided Mr. McBride with the opportunity to design structures using design materials such as concrete, steel, masonry, wood, and lightgauge steel.

RELEVANT PROJECT EXPERIENCE

New Bozeman Elementary School - Bozeman, MT

Project Role: Project Manager

Structural System: Load Bearing Masonry Walls

Ophir School Additions - Big Sky, MT

Project Role: Project Manager

Structural System: Load Bearing Masonry and Metal Stud Walls

Tire-Rama - Bozeman, MT

Project Role: Project Manager

Structural System: Load Bearing Masonry Walls and Conventional Wood Framing

First Security Bank Renovation & Addition - Bozeman, MT

Project Role: Project Manager

Structural System: Moment Frames, Masonry Shear Walls

Snowload Office Building - Bozeman, MT

Project Role: Project Manager

Structural System: Structural Steel, Moment Frames, Conventional Wood Framing

EDUCATION

Utah State University
Bachelor of Science
2001

University of Washington
Masters of Science-
Structural Engineering
2002

ENGINEERING LICENSES

Washington
PE 42798

PROFESSIONAL ORGANIZATIONS

American Institute of Steel
Construction



CHARLIE HIBL, P.E.- DESIGN ENGINEER

Mr. Hibl joined Nishkian Monks in January of 2006, working as a Design Engineer. Prior to joining Nishkian Monks, Mr. Hibl worked as a software developer for the structural engineering software company Integrated Engineering Software, Inc. in Bozeman, MT. In his work at IES, Mr. Hibl gained a thorough understanding of the inner workings of structural engineering software. He also gained extensive experience in advanced modeling techniques utilizing structural engineering software. In his work at Nishkian Monks, Mr. Hibl has gained extensive experience in the design of commercial and educational structures utilizing Wood, Steel, Masonry, and Concrete. He had also gained experience in the retrofit of existing structures.

RELEVANT PROJECT EXPERIENCE

Bozeman High School Renovation & Addition – Bozeman, MT

Project Role: Design Engineer/Inspector
Structural System: Composite Steel, Brace Frames, Moment Frames, Masonry Shear Walls, Grade Beam and Helical Pier Foundation System

Britannia Oyster Point Phase 2 – South San Francisco, CA

Project Role: Design Engineer
Structural System: Composite Steel, Braced Frames

New Chief Joseph Middle School – Bozeman, MT

Project Role: Design Engineer/Inspector
Structural System: Composite Steel, Load Bearing Masonry Shear Walls

Hamilton Landing – Novato, CA

Project Role: Design Engineer
Structural System: Steel Bar Joist Floor and Roof, Tilt-up Concrete Exterior Bearing Shear Walls, Mat Foundation

Rialto Building Remodel – Bozeman, MT

Project Role: Design Engineer
Structural System: Wood Framing, Load Bearing Masonry Shear Walls, Steel Moment Frames

EDUCATION

Montana State University
Bachelor of Science Civil
Engineering
2003
Masters of Science Civil
Engineering
2005

ENGINEERING LICENSES

Montana
PE 16234

PROFESSIONAL ORGANIZATIONS

American Institute of Steel
Construction



JON JUPKA, E.I.T. - DESIGN ENGINEER

Mr. Jupka joined Nishkian Monks in September of 2006. Since joining Nishkian Monks Mr. Jupka has furthered his experience in the structural design of both residential & commercial projects with various types of building materials including: wood, steel and concrete. Prior to joining Nishkian Monks, before joining Nishkian Monks he managed projects specializing in land development for major subdivisions in the Bozeman area. Mr. Jupka has also worked in the surveying and residential framing field.

RELEVANT PROJECT EXPERIENCE

New Bozeman Elementary School - Bozeman, MT

Project Role: Design Engineer/Inspector
Structural System: Brace Frames, Moment Frames, Masonry Shear Walls

Bozeman High School Renovation & Addition – Bozeman, MT

Project Role: Design Engineer/Inspector
Structural System: Composite Steel, Brace Frames, Moment Frames, Masonry Shear Walls

New Chief Joseph Middle School – Bozeman, MT

Project Role: Design Engineer/Inspector
Structural System: Load Bearing Masonry Shear Walls, Composite Steel

Rialto Building Remodel – Bozeman, MT

Project Role: Design Engineer
Structural System: Load bearing Masonry & Steel Frames

Snowload Office Building - Bozeman, MT

Project Role: Design Engineer
Structural System: Structural Steel, Moment Frames, Conventional Wood Framing

EDUCATION

Montana State University
Bachelor of Science
2003

ENGINEERING LICENSES

Montana
EIT 16327

PROFESSIONAL ORGANIZATIONS

American Institute of Steel
Construction