The Abo Group, Inc.

The Abo Group, Inc. specializes in unique projects that require intensive investigation of a client’s requirements. One of Denver’s premier design firms, The Abo Group provides architectural design, construction documentation, construction administration, project management, historic preservation, space planning, master planning, and facility assessments. The Abo Group is a certified MBE for the City and County of Denver and the National Minority Supplier Development Council.

A full service architectural firm, The Abo Group offers design services for the following types of facilities:

- Education
- Laboratory
- Medical
- Office
- Aviation
- Transportation
- Maintenance
- Industrial
- Multi-Family Housing

Earning wide recognition for sustainable design, The Abo Group incorporates the highest possible energy efficiency technologies in our designs. For the past 20 years, we have designed highly specialized laboratories to meet LEED “Gold” standards at the National Renewable Energy Laboratory (NREL) in Golden, Colorado. Our design of the Thermal Test Facility at NREL won the ASHRAE Award of Excellence for Energy Efficient Design.

The Abo Group’s vision is to work collaboratively, provide design leadership, and create change that enriches community. Working in relentless pursuit of strategic and sustainable solutions, we gather the right experts, represent diverse perspectives, and explore possibilities to achieve the best results for our clients.
HIGHER EDUCATION PROJECT EXPERIENCE

Justice Center Remodel into Classrooms, 1997
Client: Colorado School of Mines
Location: Golden, CO

School of Dentistry Remodel, 1998
Client: University of Colorado Health Sciences Center
Location: Denver, CO

Pediatric Laboratory Remodel, 1998
Client: University of Colorado Health Sciences Center
Location: Denver, CO

Rocky Mountain Manufacturing Academy Master Plan, 2001
Client: Community College Occupation Education System of Colorado
Location: Aurora, CO

Rocky Mountain Manufacturing Academy (RMMA), 2002
Client: Community College Occupation Education System of Colorado
Location: Aurora, CO

Bus Stop Shelters, 2002
Client: University of Colorado Boulder
Location: Boulder, CO

Ben Nighthorse Campbell Cancer Rehabilitation Center, 2003
Client: University of Northern Colorado
Location: Greeley, CO

Student Dormitory Conceptual Design, 2008
Client: Northeastern Junior College
Location: Sterling, CO

Dental Faculty Practice Clinic, 2010
Client: School of Dental Medicine, University of Colorado Denver, Anschutz Medical Campus
Location: Aurora, CO

Brown Hall Rooms 303 and 304 Renovation, 2010
Client: Colorado School of Mines
Location: Golden, CO

Ekeley Sciences Building Middle Wing Renovation, 2014
Client: University of Colorado Boulder
Location: Boulder, CO

St. John Vianney Theological Seminary Modernization, 2014
Client: Archdiocese of Denver
Location: Denver, CO

FRA Bioscience 1 Derm Stem Cell Manufacturing, 2015
Client: University of Colorado Denver Science & Technology Park
Location: Aurora, CO
Gilmore Construction and The Abo Group formed the Gilmore/Abo Design Build Team that won the competition to design and build the renovation of a 14 story high rise office building on the Denver Federal Center campus in Lakewood, Colorado for the General Services Administration (GSA). The project is to provide all labor, materials, design, engineering, construction, and commissioning to renovate 160,785 rentable square feet in a 372,000 gross square foot building for the Bureau of Reclamation (BOR). BOR is the primary tenant of Building 67 and occupies 90% of the building.

The project goal is to consolidate employees within Building 67 as well as relocating BOR personnel currently residing in other locations within the Denver Federal Center. The BOR will vacate the 9 floors they currently occupy, but the tenants in the 5 floors that BOR does not occupy will need to remain in the building during construction. The construction is designed to be phased from the top down so that BOR can backfill the space as soon as an entire floor is complete.

The total projected project cost is $17,000,000.

General Services Administration (GSA) Building 67
Bureau of Reclamation Office Renovation
Lakewood, CO

Services Provided
Architect of Record
Design
Construction Documents
Construction Administration

Size
160,785 SF

Date of Completion
TBD

Owner Reference
Ms. Tammy Quinn
Project Manager
303.236.2554
University of Colorado Boulder  
Ekeley Sciences Middle Wing Renovation  
Boulder, CO

The University of Colorado at Boulder commissioned The Abo Group, Inc. and their consultants to design the renovation of two floors of undergraduate teaching laboratories in the Ekeley Sciences Middle Wing. The Department of Chemistry and Biochemistry at CU Boulder is a national leader in its field and makes critical contributions to the teaching, research, and service missions of the University. This project focuses on correcting deficiencies on the first two floors of the middle wing of Ekeley Sciences and is one part of a comprehensive plan to redevelop this wing.

One of the challenges to the design was incorporating additional fume hoods to provide adequate ventilation in the laboratories while keeping the integrity of the architecture. The solution was to conceal exhaust ducts and mechanical equipment in architectural towers that reflect the Italian renaissance style of architecture of the original historic building. The Abo Group worked closely with the campus Design Review Board to meet the architectural and historical design guidelines and the design was unanimously approved.

Although all but a very small portion of the project area was completely below grade, The Abo Group fully insulated the entire portion of the walls that were partially above grade. Also, by replacing antiquated fume hoods with lower-flow modern hoods, enormous amounts of energy will be saved.

The construction was completed via a CM/GC contract in multiple phases in a building that was continuously occupied during construction.

**Client**  
University of Colorado  
Boulder

**Size**  
22,224 SF

**Cost**  
$10 million

**Date of Completion**  
September 2014

**Owner Reference**  
Mr. Lawrence Hill, P.E.  
Project Manager Supervisor  
303.492.1367
St. John Theological Seminary Modernization
Denver, CO

St. John Vianney Theological Seminary, first founded as the St. Thomas Theological Seminary in 1908, was housed in the Victorian style “Old Red Brick” building. During the mid-1920’s and the early 1930’s, the Seminary grew to include a dormitory, chapel, refectory and kitchen. The buildings were grouped around a quadrangle. The architecture is a Mediterranean Revival style designed by noted Denver architect J.J.B. Benedict. Benedict intended to reflect the Lombard architecture of Northern Italy, and the resultant buildings are among the finest example of this architecture in the Denver area. In the early 1950’s a dormitory wing (later to become the administrative offices for the Archdiocese of Denver) and a library were added to complete the quadrangle.

St. John Vianney Theological Seminary was founded on March 17, 1999 by the Archdiocese of Denver. In 2012, the Archdiocese of Denver launched the “New Harvest Campaign” to create an endowment fund and a fund for capital improvements to the aging infrastructure of the Seminary buildings.

In August 2012, The Abo Group and their team of specialty consultants were commissioned to conduct an assessment of the existing building systems and to make recommendations to modernize the heating, cooling, ventilating, plumbing, fire protection, electrical, lighting, and window systems. Once the initial study was completed, The Abo Group team was commissioned to design the Building Systems Modernization Project for the offices, dormitory, chapel, library, refectory and kitchen of the Seminary.

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<th>Client</th>
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<tr>
<td>Size</td>
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<tr>
<td>Cost</td>
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<td>Owner Reference</td>
<td>Mr. Gary Miller</td>
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<td></td>
<td>Construction Manager</td>
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<td>303-715-3106</td>
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Denver Faculty Practice Clinic, University of Colorado Denver Anschutz Medical Campus, School of Denver Medicine Aurora, CO

The School of Dental Medicine located at the University of Colorado Denver Anschutz Medical Campus needed to provide practice space for the Dental School Faculty. This complex renovation required that an existing 3,400 square foot tiered lecture hall be converted to accommodate a waiting room, reception area, manager’s office, new operatories, laboratory, and dispensary for the Faculty Practice Plan Clinic and their Oral Surgery Program. The Faculty Practice Clinic dentists also needed additional offices. A 900 square foot Clinical Seminar room located on the second floor was converted into private office space.

The building was occupied, and the project required extensive coordination to keep the building functioning during construction.
PROFESSIONAL PROFILE

For over 43 years as principal of his own firm, Ron Abo has been involved in many of Colorado’s unique public projects. Ron began his career as the Director of the visionary Community Design Center where he gained extensive experience in consensus building within community action committees. He has won awards for his intelligent, responsible work in the Denver area. In 1998, he was the recipient of the Martin Luther King Business Social Responsibility Award. Ron is also the 2010 recipient of the Fischer Traveling Scholarship through the Denver Architectural Foundation.

As Principal-in-Charge, Ron is involved with projects from inception through completion, orchestrating a multi-disciplinary team of architects, engineers and specialty consultants. Ron is committed to providing a high level of service and is willing to explore design to create environments that meet each client’s unique needs. Dedicated to energy efficiency and sustainable architecture, Ron uses his expertise and experience to design projects that are relevant not only for today but well into the future.

PROJECT EXPERIENCE

- University of Colorado Boulder Ekeley Sciences Middle Wing Renovation, Boulder, CO - Principal-in-Charge of the renovation of two floors of undergraduate teaching laboratories
- St. John Vianney Theological Seminary Renovation, Denver, CO - Principal-in-Charge of the assessment and subsequent modernization of the offices, dormitory, chapel, library, refectory and kitchen of the historic Seminary
- Colorado School of Mines Brown Hall Teaching Laboratory Remodel, Golden, CO - Principal-in-Charge of the fast-track conversion of a large electronics laboratory into two teaching laboratories in an occupied building
- University of Colorado Denver Anschutz Medical Campus Dental Faculty Practice Clinic, Aurora, CO - Principal-in-Charge of the complex renovation of tiered lecture hall into a faculty practice clinic with offices, reception, laboratory, dispensary, and operators
- Ben Nighthorse Campbell Center for Health and Human Services, University of Northern Colorado, Greeley, CO - Principal-in-Charge of the design of a new facility for cancer rehabilitation, research, therapy, and education
- Rocky Mountain Manufacturing Academy, Higher Education Advanced Technology Center, Aurora, CO - Principal-in-Charge of the complex renovation of three 1950’s air force classroom buildings into highly technical environments that included a manufacturing platform, laser lab, robotics lab, metrology lab, clean rooms, computer rooms, and standard classrooms
- National Renewable Energy Laboratory Visitor Center Remodel, Golden, CO - Principal-in-Charge of the complex renovation of 9 floors of office space for the Bureau of Reclamation
- General Services Administration (GSA) Building 67 Bureau of Reclamation Office Renovation, Lakewood, CO - Principal-in-Charge of the complex renovation of two floors of office space for the Bureau of Reclamation
**PROFESSIONAL PROFILE**

Jack has been practicing architecture for over 30 years and is licensed in numerous states including Colorado. He has worked with both public and private sector clients on a variety of complex renovation projects such as higher education facilities, data centers, medical office buildings and clinics, solar energy research buildings, clinical testing laboratories, and pharmaceutical research laboratories. Jack is especially skilled at leading and managing a diverse team of specialty consultants to deliver a tight set of design and construction documents using the latest BIM and CA management tools.

**PROJECT EXPERIENCE**

- **University of Colorado Boulder Ekeley Sciences Middle Wing Renovation, Boulder, CO** - Project Manager for the renovation of two floors of undergraduate teaching laboratories
- **St. John Vianney Theological Seminary Renovation, Denver, CO** - Project Manager for the assessment and subsequent modernization of the offices, dormitory, chapel, library, refectory and kitchen of the historic Seminary
- **FRA Bioscience 1 Derm Stem Cell Manufacturing, University of Colorado Denver Science & Technology Park, Aurora, CO** - Project architect providing design services for the renovation of space in the Science and Technology Park for the cellular and protein therapy pilot program
- **City of Lakewood IT Department Renovation, Lakewood, CO** - Project Manager for the 5000 SF renovation to improve spatial and functional needs
- **Xcel Energy Lipan Distribution Center 2nd Floor Renovation, Denver, CO** - Project manager for the 13,000 SF renovation to convert warehouse space into office space
- **General Services Administration (GSA) Building 67 Bureau of Reclamation Office Renovation, Lakewood, CO** - Project manager for the complex renovation of 9 floors of office space for the Bureau of Reclamation
- **Boral Ready Mix Plant, Commerce City, CO** - Project Manager for the conversion of existing buildings into administrative offices, vehicle maintenance bay, and testing laboratory.
- **Belmar Office Evolution, Lakewood, CO** - Project Manager for the interior renovation of 12,895 SF of office space.

**Before Joining The Abo Group, Inc.**

- **University of Colorado Laboratory Building #3, Boulder, CO** - Project Architect for concept designs of the renovation of 180,000 sf Laboratory building, including asbestos abatement, new mechanical systems for heating and air conditions, fire sprinkler systems, life safety and ADA upgrades.
- **Colorado School of Mines Hill Hall Renovation, Golden, CO** - Project Architect for $16 million project including renovation of 65,000 SF building and addition of 35,000 SF building including classrooms, office spaces and laboratories for electronic, physical testing, wet chemistry and a high bay space that houses pilot lines for welding and molding