
RICE Group, Inc.

Consulting Engineers

RICE Group, Inc. is a private Corporation licensed in fourteen states including the State of Washington to provide Mechanical Consulting Engineering services to public and private clients since 1982. Located in Lynnwood, Washington the firm currently has ten employees.

RICE Group, Inc. projects are varied and include Municipal projects, Police and Fire Stations, Medical Facilities, Hospitals, Eldercare Developments, Senior Housing, Apartment Complexes, Multi Use and Office Buildings, Retail Stores, Recreational Facilities, Restaurants, and Industrial projects.

ENGINEERING SERVICES

Heating, Ventilation, and Air Conditioning (HVAC) Design: Our expertise in heating, air conditioning and environmental control systems enables us to meet a wide variety of client needs, encompassing municipal and civic building's; the challenge of a modern supermarket; the stringent needs of clean rooms and hospitals; and process air handling for industrial facilities.

Utility and Process Piping Design: Our piping design experience spans the diverse fields of utility piping to serve mechanical systems; piping in large central utility plants; process piping for manufacturing facilities; piping for swimming pools and spas; fuel storage and dispensing. RICE Group's plumbing designs include Single Stack and Conventional Drainage Waste and Vent Systems, Medical Gasses, Water Filtration and Treatment systems.

HVAC Control Systems and Instrumentation: Our controls experience covers both commercial and industrial applications. We design systems that range from standard electric or pneumatic controls, to state-of-the-art direct digital control (DDC) and programmable logic control (PLC) systems. Many function as sophisticated energy management and control systems (EMCS).

Construction Administration: Construction Administration is an important aspect of any project and allows the RICE Group to ensure that Mechanical construction and operation is consistent the design intent. Construction Administration services offered by the RICE Group include Regulatory Review, Bid Period Services, Shop Drawing and Submittal Review, Construction Observation, Punch List and Record Drawings.

Value Engineering and Constructability Review: RICE Group, Inc. has worked cooperatively with many different firms to provide detailed Value Engineering and Constructability Reviews for over fifty projects. These reviews provide a holistic design approach that insures the systems are cost effective and provide the desired solutions.

Energy Conservation Consulting: RICE Group has a long history of helping client's reduce energy consumption and operating costs through the design of high efficient mechanical systems. RICE Group offer's clients a full range of energy efficiency services including energy code compliance calculations, design of energy saving equipment installations, LEED program consulting, computer building energy simulation, Building Commissioning, and training of O&M personnel.

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RESUMES OF KEY PERSONNEL

Christopher T. Wright, PE Principal/Project Manager

As Project Manager and Principal with RICE Group, Inc., Chris has a Bachelor of Science, Mechanical Engineering Degree from North Carolina State University and draws upon over twenty years experience in consulting engineering. Chris is licensed in ten states including the State of Washington. His expertise includes a wide variety of HVAC, Plumbing and fire protection system projects. Experience includes new construction and retrofit of municipal, commercial, medical facilities, retail, grocery and industrial. He has been responsible for existing HVAC investigations including indoor air quality issues, energy studies and life-cycle cost analysis and Chris is LEED Certified.

Randall V. Hinton, PE Principal/Project Manager

As Project Manager and Principal with RICE Group Inc., Randy has a Bachelor of Science, Mechanical Engineering degree from the University of Washington and draws upon eleven years experience in consulting engineering. Randy is a Qualified Pump System Specialist (PSAT) and is licensed in the State of Washington as well as Oregon, Texas, California, New Mexico, Wyoming, Arizona and as of August 2009 North Carolina pending. His expertise includes a wide variety of HVAC, plumbing and fire protection system projects. Experience includes new construction and retrofit of municipal, commercial, medical facilities, retail, grocery and industrial. He has been responsible for existing HVAC investigations including indoor air quality issues, energy studies and life-cycle cost analysis.

Duane J. Lewellen, LEED AP Principal/Project Manager

As Project Manager and Principal with the RICE Group, Inc., Mr. Lewellen has twenty-five years experience in commercial building energy management. Duane received a Bachelor of Science, in Business Administration from City University and an Associate of Arts degree in Energy Management from Edmonds Community College. Duane is a Certified Energy Manager and Lighting Efficiency Professional. Duane is certified with the ICC (International Code Council) as a Commercial Energy Plans Examiner, a Mechanical Plans Examiner and a Commercial Energy Inspector. Prior to joining RICE Group, Mr. Lewellen was an Energy Utilization Engineer for Snohomish County PUD where he was involved in the retrofit of 300+ commercial buildings with energy saving technologies. Mr. Lewellen is a LEED Accredited Professional.

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PROJECT S

Grocery/Retail

Whole Foods Market – Waugh, TX

Project consists of 142,000 square foot grade level parking, an upper level with a 50,000 square foot supermarket, a 57,000 square foot plaza, and a 35,000 square foot retail space. The project is broken into four (4) design categories as follows: Parking: Retail Shell: WFM Shell & Plaza: WFM Tenant Improvement. Project to be complete in 2010. Beckham Design Group (512) 343-2225

Whole Foods Market – Chicago, IL

Whole Foods Market – Kingsbury Square consists of approximately 85,000 square feet. This supermarket will feature several prepared foods areas, meat, seafood, deli, coffee, whole body, sales floor, ‘back of house’ areas and a mezzanine including employee spaces. There are two stories of parking over the store and connect into an entry atrium. There is also a smaller tenant space that is not included in this project. Project completed 2009. Beckham Design Group (512) 343-2225

Whole Foods Market – Cupertino, CA

This project consists of a new single story 70,000 square foot grocery store with a mezzanine. The store contains a full service deli, bakery, demo kitchen, seafood and meat preparation area. Project complete 2007. Beckham Design Group (512) 343-2225

Whole Foods Market – Roseville, CA

This project is a new single story, 56,400 square foot grocery store. The shell and core services are to include roof drainage, water, sewer and gas utilities to within 5’-0” outside of building. In addition, roof top equipment with weights and roof openings shall be located. The second phase will include design services for the tenant improvement and will incorporate all necessary construction administration services; including site visits for construction observation and shop drawing review. Title 24 shall not be included in this contract. Project complete 2008. Beckham Design Group (512) 343-2225

Whole Foods Market – Reno, NV

This project consists of a new single story, 50,000 square foot grocery store. The store contains a full service deli, bakery, demo kitchen, seafood and meat preparation areas. This store is being built into an existing structure. Project complete 2009. Beckham Design Group (512) 343-2225

Whole Foods Market – Oakland, CA

This project consists of a new single story grocery store. There is a mezzanine above the office spaces for the Refrigeration Room. The roof of the store will provide parking. Thus, equipment has to be carefully coordinated with the parking layout above. Store contains full service Deli, Bakery, Demo Kitchen, Seafood and Meat prep areas. Project complete 2008. Beckham Design Group (512) 343-2225

Cascade Plaza Retrofit – Redmond, WA

The two-story Cascade Plaza consists of approximately 100 one-room apartments with one restroom and sink per unit. The units do not have kitchens or laundry rooms. In addition to the apartments, there is a dining hall, several gathering areas, a barber/beauty salon, offices and typical ancillary spaces. Project to be complete in 2009. Wattenbarger Architects (425) 453-0606

Safeway Stores – Various Locations, WA

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RICE Group has done multiple projects for both new and remodeled Safeway stores in locations ranging from Federal Way, Shelton and Chelan, Washington. The projects ranged in scope but included design aspects in both plumbing and HVAC design. Projects completed from 1990 through present. Cornerstone Architectural Group, PS (206) 682-5000

Banking

Frontier Bank – Marysville, WA

A partial remodel of a single story, 4,900 square foot branch. The main roof mount air conditioner will be replaced, and a new one installed. A new conference room will also be provided with a split system air conditioner. No plumbing is anticipated. Project completed 2005. Botesch, Nash & Hall (425) 259-0868

Frontier Bank – Multiple Washington Locations

Lake City, Lynden, Milton, Puyallup, Renton, Stanwood, Port Orchard

A new single story, 3,995 SQ. FT branch prototype located in several locations in Western Washington. Project will involve providing a prototype design for use in Western Washington. Design will be site adapted for each location. Projects completed 2008 and 2009. Botesch, Nash & Hall (425) 259-0868

Bellingham National Bank – Bellingham, WA

Tenant improvement of 7,300 square feet of office space with complete new HVAC system and new accessible restroom. Project completed 2008. RMC Architects (360) 676-7733

Peoples Bank Administration Building – Bellingham, WA

Mechanical Design Services for the HVAC, Plumbing and Sprinkler Systems for a new 20,000 sq. ft., two-story office building over one level of below grade parking. Approximately 15,000 sq. ft. of the building is complete design with 5,000 sq. ft. being shell and core only. Project Completed 2007. RMC Architects - 360-676-7733

Frontier Bank Administration Building – Everett, WA

HVAC, Plumbing and Fire Protection Systems for a 45,000 sq. ft. office building connected to an existing building by corridors in the basement, first and second floor. The first floor will have several training rooms and one conference center. RICE Group has completed ten Frontier Bank's in various cities throughout western Washington. Project Completed 2007. Botesch, Nash & Hall - 425-259-0868

Office Buildings, Mixed Use, Multi-Family

Shavey Old Town Mixed Use – Redmond, WA

The project consists of 149 studio, one bedroom and two bedroom units on five residential floors. On the ground level, there is approximately 7,000 sq. ft. of commercial spaces over two levels of underground parking garage. Construction is proposed as five floors of Type V wood construction over two levels of concrete post-tensioned slab construction. Project to be complete in 2009. Weber Thompson (206) 344-5700

Skagit County Continental Place – Mount Vernon, WA

The project consisted of the remodel of the existing first floor area in the open office area comprised of over 17,000 sq. ft.. A two-story addition will be added to the north of the facility. This will include office, entry, conference, hearing room and ancillaries. Project to be completed in 2009. Tom Theisen, AIA - 360-336-5145

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Millard Refrigerated Services – Centralia, WA

The project is a new refrigeration facility divided into three phases of construction. Phase I consists of 151,468 sq. ft. including freezer/cooler, office, locker, shop, corridor, battery room, material, processing, truck dock, engine, electrical and convertible spaces. Phase II consists of 53,070 sq. ft. including freezer/cooler and truck dock. Phase III consists of 96,930 sq. ft. including freezer/cooler and truck dock. Phase I complete - March 2009. Tarragon (206) 233-9600

Harvard and Thomas Mixed Use – Seattle, WA

Mechanical Services including Commercial Seattle Energy Code, Residential Energy Code, Garage Ventilation and Elevator Pressurization for a 47,650 sq. ft. building consisting of nine levels: two levels of below grade parking; two levels of commercial space and five levels of residential. Project completed 2008. WRP & Associates (206) 324-8619

Medical Projects

Pacific Cataract and Laser Institute (PCLI) – Boise, ID

This project consists of approximately 9,500 square feet of eye clinic, operatories, patient waiting areas and staff spaces. There is a second floor mechanical area and phone room. Basis of mechanical design will consist of split system furnaces with air-cooled condensing units and DX coils. It is anticipated that the site will have natural gas available. Project to be completed in 2009. Pfaff Architects (360) 740-9429

Pacific Cataract and Laser Institute (PCLI) – Multiple Locations

Bellingham, Chehalis, Olympia, Silverdale, Tacoma, Yakima and Vancouver, Washington, Lewiston, Idaho and Great Falls, Montana. Scope of work includes Mechanical Design Services for the HVAC, Plumbing, and Fire Sprinkler Systems specific to the needs of each location. Projects completed between 2000 and 2008. Pfaff Architects (360) 740-9429

Whatcom Hospice Foundation – Bellingham, WA

The Whatcom Hospice Foundation Project consists of an existing single story building of approximately 9,000 square feet located in Bellingham, WA. The existing building will be completely remodeled from its existing condition including removal of all interior walls, plumbing fixtures, HVAC equipment etc. The building will be a licensed Nursing Home and shall meet the WAC requirements for such. The remodeled building will include approximately 12 patient rooms, restrooms, utility room, shower rooms, laundry rooms, hydrotherapy room, medicine/medical supply room, nurse's station(s), day room, and general office spaces. Project to be completed in 2009. Diamond B Constructors (360) 734-3600

Walla Walla Clinic Addition – Walla Walla, WA

This is a new addition to an existing facility consisting of four stories above grade including a mechanical loft/storage area on the upper level and one sub grade level (basement). The basement level consists of physical therapy including a hydro room. The first and second floors consist of standard medical office tenants and the third floor is unfinished. Project completed 2008. PPE / Salmon Bay Design Group (206) 783-8582

Squalicum Creek Medical Arts Building – Bellingham, WA

A new, 3 story, 42,000 square foot Medical Office Building located in Bellingham, WA. The building will house a surgery center and physical therapy clinic on the third floor and medical offices on floors one and two. Design shall account for compliance with "AIA Standards for Design of Health Care Facilities" so future tenants can obtain Department of Health Approval and Medicare Certification. Project completed 2008. Christensen Design Management (360) 676-4800

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Group Health Cooperative; Administrative Main Building (AMB)

Computer, Print & Telecom Rooms: Addition of Economizer Cooling – Kent, WA

This project involves adding economizers to 20 computer room air conditioners (CRAC's) in the Administrative Main Building (AMB). In addition, relief hoods to prevent room over-pressurization will be added. All economizers shall draw air from the roof. All economizer controls shall be localized (not tied into the building automation system). Project completed 2008. Group Health Cooperative (206) 988-2729

Skagit Island Orthopedic Surgery Center – Mt. Vernon, WA

This project consists of a new 24,000 SF ambulatory surgery center. The facility consists of a 6,000 + square foot surgery suite with two operating rooms. Full HVAC, Plumbing and Medical Gas design and Construction Administration. Project complete – May 2003. Carletti Architects, P.S. (360) 424-0394

Valley General Hospital – Monroe, WA

Provided mechanical designs for a remodel to the emergency department, out-patient wound care, IT server room and pharmacy for this hospital. As with all hospitals phasing was provided so that no interruption of critical services occurred. Also designed a 30,000 square foot three-story medical office building for Valley General Hospital in a design-build capacity, working closely with the general and mechanical contractors to meet the budget and scheduling requirements. Projects completed in 2007 and 2008. Valley General Hospital (360) 794-1447 Ext. 309 and Taylor, Gregory, Butterfield Architects (425) 778-1530

City Hall/Municipal

Lacey City Hall – Lacey, WA

This project consists of a new 30,000 sq. ft. three story addition (with basement). Remodel and addition of a new 550 sq ft. locker room and the remodel of 1,200 sq. ft. section of the Evidence Room, Roll Call Room and Administrative Offices. In addition to the new addition an analysis of the impacts of complying with LEEDS certification was provided. Project to be complete in 2009. Lewis Architects (425) 827-5602

Sedro Woolley City Hall – Sedro Woolley, WA

This is a new 4,000 sq. ft. addition to the existing facility. Occupancy of the building will include courtroom and council chambers, jury support rooms, judges, court clerk and administrative offices. Project complete 2008. Carletti Architects, P.S. (360) 424-0394

Poulsbo City Hall – Poulsbo, WA

This project consists of a new 30,000 sq. ft. city hall with underground parking. RICE Group provided design of the heating, ventilating and air conditioning (HVAC), Plumbing and Fire protection system. Project complete - February 2009. Lewis Architects (425) 827-5602

Kelso City Hall – Kelso, WA

Provided full Mechanical Design and Construction Administration services for the new 22,500 square foot City Hall building and renovations of 5,500 square feet of existing space. Project complete 2004. Lewis Architects (425) 827-5602

Skagit County Court House and Administration Building – Mount Vernon, WA

Three HVAC upgrade projects for Skagit County: The first project is to design a new HVAC system to serve Superior Courtroom # 2. The basis of design is to serve the courtroom with two (2) package rooftop units (Gas/AC or Heat Pump) with exposed ducting at the ceiling. Temperature controls to consist of stand-alone setback thermostats. The second project – to run concurrently with the first - is to replace an existing failed AC condensing unit serving the Hearing rooms with a new unit of the same type and configuration. This portion of the project also includes design of new Liebert type computer room unit to replace existing small AC unit currently serving the IS

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department. The third project is an investigative report for the First Floor Court Room HVAC systems. Project complete 2004. Carletti Architects, P.S. (360) 424-0394

Everett Library – Everett, WA

Project consisted of providing a new 5-ton split system air conditioning unit for the library computer room. Also provided temperature controlled exhaust fan system for the telecommunications room. Project complete 2006. City of Everett (425) 257-8897

King County Libraries (5) – Multiple King County Locations

Carnation, Black Diamond, Fall City, Muckleshoot & Snoqualmie

This project includes providing Mechanical Design Services for the HVAC systems of five, new, single story, 5,000 to 6,000 SQ. FT libraries. Designs to be specific to each location. Projects complete 2008. Johansen Mechanical (425) 481-2266

Walton Place One – Whatcom County Housing Authority – Bellingham, WA

This project consists of a new 50-unit multi-family project with over 50 spaces of structured parking for the housing authority. Project also includes approximately 5,000 square feet of commercial space. Project bid phase complete – August 2008. Construction Administration phase to be complete in 2009. RMC Architects, Inc. (360) 676-7733

Chehalis Library – Chehalis, WA

Project consists of Mechanical and Plumbing Design Services thru Design Development for a new 8,000 SF, single story library building. Project complete 2008. Pfaff Architects (360) 740-9429