



**Consulting Engineers** 

DESIGN. BUILD. ACHIEVE.

# GPD PC

# COMPANY ORGANIZATION



ELECTRICAL ENGINEERING

Mechanical Engineering

DUSTIN BRAATEN NATHAN KLEINSASSER, E.I.T. DAVE BROQUIST, P.E., PRINCIPAL TOM SLATER, P.E. TONY MAY, P.E. MIKE BENDER, P.E.

BUCKY KEMPA, P.E., PRINCIPAL

John Kauffman Brad Kauffman, P.E.

ADMINISTRATIVE

NANCY DAVIS

CARL THRASHER, P.E. JAMES TAYLOR, P.E. JAMES WYATT, P.E. PAT MELLINGER, E.I.T.

# NCEES REGISTRATIONS - MECH & ELEC

Montana, California, Colorado, Idaho, Illinois, Iowa, Michigan, North Dakota, Oregon, Utah, Washington, Wisconsin, Wyoming

## SOCIETY MEMBERSHIPS

American Society of Heating, Refrigerating, & Air Conditioning
Engineers
American Society of Mechanical Engineers
American Society of Plumbing Engineers
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
STATE OF MONTANA BUILDING CODES COUNCIL
Montana Society of Hospital Engineers
NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING
NATIONAL FIRE PROTECTION ASSOCIATION
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
United States Green Building Council

# Who Are We?

#### PROFESSIONAL DESIGN SERVICES:

-WE OFFER A WIDE VARIETY OF PROFESSIONAL SERVICES TO OUR CLIENTS, CONTRACTED INDIVIDUALLY, AS AN MEP DESIGN PACKAGE, OR AS A COMPLETE DESIGN/CM CONTRACT.

### MECHANICAL ENGINEERING:

-OUR MANY YEARS OF COMBINED EXPERIENCE IN MECHANICAL DESIGN VARY FROM INDUSTRY STANDARD SYSTEMS TO HIGHLY SPECIALIZED AREAS OF DESIGN. THESE INCLUDE PLUMBING, HVAC, HYDRONIC PIPING, CENTRAL PLANT DESIGN, PROCESS PIPING, AND MEDICAL & TOXIC GAS SYSTEM DESIGN. WE CAN ALSO PROVIDE STARTUP AND COMMISSIONING FOR A WIDE ARRAY OF SYSTEMS.

### ELECTRICAL ENGINEERING:

-OUR MANY YEARS OF COMBINED EXPERIENCE IN ELECTRICAL DESIGN INCLUDE HIGH & LOW VOLTAGE PRIMARY & SECONDARY DISTRIBUTION SYSTEMS, EMERGENCY GENERATOR AND UPS BACKUP POWER SYSTEMS, FIRE ALARM SYSTEMS, HEALTHCARE SPECIAL SYSTEMS, LIGHTING DESIGN, VOICE/DATA SYSTEMS, EMERGENCY NOTIFICATION SYSTEMS, AND SECURITY/ACCESS SYSTEMS.

#### ENERGY ENGINEERING:

-EITHER AS A STANDALONE STUDY OR PART OF AN OVERALL DESIGN PACKAGE, GPD HAS BEEN ENGINEERING FOR ENERGY EFFICIENCY FOR THE PAST 30 YEARS, UTILIZING UP-TO-DATE SYSTEM ANALYSIS SOFTWARE IN ORDER TO DEVELOP THE BEST SOLUTION FOR EACH INDIVIDUAL CLIENT.

### I.T. ENGINEERING:

-OUR UNIQUE SKILLS AND EXPERIENCE WITH STATE-OF-THE-ART INFORMATION TECHNOLOGY CAN HELP DEFINE AND IMPLEMENT YOUR NETWORKING AND INFORMATION SYSTEM NEEDS, FROM STORING IMMENSE AMOUNTS OF DATA TO INTEGRATING AUDIO & VIDEO IN THE CLASSROOM ENVIRONMENT.

#### CONSTRUCTION ADMINISTRATION:

-MAKING SURE THAT THE SYSTEMS DESIGNED ARE GETTING INSTALLED AND STARTED UP CORRECTLY IS PARAMOUNT. C/A IS CRUCIAL TO THE SUCCESS OF A PROJECT, AND WE'VE GOT YOU COVERED.

#### Cost Estimating:

-ACCURATELY ESTIMATING PROJECT COSTS IS ESSENTIAL TO BUDGET AND SCHEDULE. We would like to take this opportunity to provide a brief overview of our firm. GPD, PC (formerly Drapes Engineering and then Gordon-Prill-Drapes, Inc.) is a Mechanical and Electrical Consulting Engineering firm that has been in business for over 50 years. We have a main office located in Great Falls, centrally situated within the state of Montana. Our staff of 14 professionals includes nine licensed engineers, four designers/draftmen, and one administrative staff member. We have five senior staff members with twenty or more years of experience and, for all our engineers and senior designeers's ability is based on experience, we feel our company offers exceptional value to our clients. We continually strive to meet the vision of quality upon which our company was founded. Our core values include: providing the very best in engineering consulting, producing high quality workmanship, continually training our experienced staff, & retaining our valued employees.

Our services include mechanical engineering (heating, ventilation, air conditioning) plumbing systems engineering, building controls systems design, electrical engineering (lighting, power distribution, alarms sytems, controls and other building electrical systems), information technology (building cabling systems), and other design services related to building construction. GPD also provides estimating, construction administration, and construction management services. In addition, GPD provides energy engineering to include: energy audits for existing buildings, and energy studies/building system modeling for new and existing buildings to provide cost/payback analysis and system comparisons.

We at GPD believe strongly in the formation of experienced design teams composed of independent experts who bring their individual strengths to a project, rather than "fullservice" or "multi-discipline" firms geared solely toward marketing & profitability. GPD is committed to quality design. We don't rely on others to provide quality control over our engineering documents. Quality control is attained by establishing internal teams that are accustomed to working together on a specific type of project or with the same client. We further advance quality by means of technical peer reviews. Having designs reviewed by engineers not involved in the specific project facilitates completely unbiased reviews.

BEING A MONTANA ENGINEERING FIRM, WE WORK ON AN EXTENDED RANGE OF PROJECTS TO ACCOMMODATE OUR CORE ARCHITECTURAL CLIENTS INCLUDING RESIDENTIAL, RETAIL, COMMERCIAL, HISTORICAL, GOVERNMENT, EDUCATIONAL, LABORATORIES, MEDICAL CLINICS, ASSISTED LIVING, HOSPITALS, DATA CENTER/IT FACILITIES, COMMUNICATIONS (QWEST/CENTURYLINK), AND DOD WORK INCLUDING MALMSTROM AIR FORCE BASE AND THE MONTANA ARMY NATIONAL GUARD.

GPD wants to involve our Clients as much as possible in the design and coordination of the project. Everyone stands to gain from a more interactive approach to design and project management. We strive to be proactive, not reactive. We do our best to work smarter. Our goal will be to help prioritize needs and desires for the building systems, and help make design decisions today which will have a positive impact on the future operation and maintenance needs of the facility.

WE ARE PROUD OF OUR RECORD OF SOLID ACCOMPLISHMENTS AND OUR FULL RANGE OF DIVERSIFIED SERVICES. WE LOOK FORWARD TO DISCUSSING NEW WAYS OF LEVERAGING OUR SKILLS TO SATISFY YOUR SPECIFIC NEEDS. YOU WILL FIND THAT THE TEAM AT GPD IS ALWAYS EAGER TO TALK TO PEOPLE WHO NEED PROFESSIONAL ADVICE IN MAKING THEIR GOALS A REALITY. LET US PUT OUR SKILLS TO WORK FOR YOU!



To design is to create a plan for the construction of a project. A good design needs to consider multiple facets of a project; these include aesthetics, functionality, economics, sustainability, and maintainability. Every project prioritizes these factors differently, and it is our job to understand these priorities and tailor our design to align with them.

FIRST AND FOREMOST, WE WANT OUR ENGINEERING DESIGNS TO REFLECT THE OWNER'S VISION FOR THEIR PROJECT. IT IS, AFTER ALL, THEIR PROJECT AND WE STRIVE TO RESPECT THAT. ASSOCIATED WITH THAT, WE NEED TO BE FULLY COORDINATED WITH THE OTHER MEMBERS OF THE DESIGN TEAM. WITH EVERYONE WORKING TOWARD THE OWNER'S GOALS, IT BECOMES A GUIDING PRINCIPLE FOR THE PROJECT.

IT IS, AND HAS ALWAYS BEEN, GPD'S FOCUS TO CONSISTANTLY IMPROVE OUR DESIGN WORK. OUR PAST EXPERIENCES, WHETHER IT BE A HIGH TECH LABORATORY BUILDING, OR A REMODEL OF C.M. RUSSELL'S PAINTING STUDIO, CONTINUALLY PREPARE US FOR THE UPCOMING, AND EVERCHANGING, CHALLENGES ASSOCIATED WITH DESIGNING DYNAMIC SYSTEMS OF WHICH THE OWNER CAN BE PROUD.

A DESIGN ALSO MUST CONFORM TO THE GOVERNING STANDARDS AND CODES FOR THE BENEFIT AND SAFETY OF THE GENERAL PUBLIC, AND MORE SPECIFICALLY THE BUILDING'S OCCUPANTS. MAKING SURE THIS ASPECT OF THE DESIGN IS COVERED CAN BE A DAUNTING TASK, BUT WE STRIVE TO KNOW THE CODES SO THE OWNER DOESN'T HAVE TO.

GPD ALSO TAKES A PRACTICAL APPROACH TO WHAT WE DO. SENSIBLE DECISIONS CAN HELP AVERT UNNECCESSARY PROJECT COST AND CONFLICT. OFTEN TIMES, COMMON SENSE CAN BE THE CATALYST FOR SOLUTIONS.



# DESIGN.



To build is to construct by joining pieces and materials over a period of time. As engineering consultants, GPD can coordinate with the construction team, as well as look out for the Owner's interests from ground breaking to final completion. We consider construction administration to be a professional service necessary for completing a project in a timely and efficient manner.

PROJECT MANAGEMENT CAN BE THE KEY TO A SUCCESSFUL PROJECT. EQUIPMENT SUBMITTAL AND SHOP DRAWING REVIEW, VALUE ENGINEERING, REQUESTS FOR INFORMATION, FIELD COORDINATION, AND CONSTRUCTION MEETINGS ARE ALL USEFUL TOOLS IN KEEPING A PROJECT ON TRACK AND ON BUDGET.

COMMUNICATION IS KEY IN ORDER TO EFFECTIVELY MANAGE A PROJECT; OUR TEAM OF PROFESSIONALS POSSESS THE COMMUNICATION SKILLS AND TECHNICAL KNOWLEDGE NECESSARY TO PROVIDE LEADERSHIP AND DIRECTION.

WE BELIEVE THAT BEING ON-SITE CAN BE A VERY USEFUL TOOL IN UNIFYING THE DESIGN TEAM AND CONSTRUCTION TEAM TOWARD A COMMON GOAL. WE TRY TO GET ON THE CONSTRUCTION SITE AS ALLOWED, NOT ONLY FOR SYSTEM INSPECTIONS, BUT ALSO TO INVEST OUR TIME WITH THE CONTRACTORS FACE-TO-FACE. PHONE CALLS, TEXT MESSAGING, AND EMAILS CAN BE IMPERSONAL, AND IN SOME CASES CAN CREATE STRESS WHERE IT WASN'T INTENDED. GETTING TO KNOW EVERYONE ON THE PROJECT'S TEAM IMPROVES COMMUNICATION AND BOOSTS MORALE, WHICH WE BELIEVE HAS A DIRECT EFFECT ON PRODUCTIVITY.

BUILDING RELATIONSHIPS IS KEY TO A SUCCESSFUL BUILDING PROJECT. WHEN PEOPLE WORK TOGETHER AS A TEAM, THINGS GET DONE.



# BUILD.



TO ACHIEVE IS TO SUCCESSFULLY COMPLETE A TASK, GOAL, OR PROJECT. THE MEASURE OF SUCCESS CAN BE QUANTIFIED IN TERMS OF TIME AND MONEY, AND A BALANCE MUST BE MET FOR EACH PROJECT. FOR SOME PROJECTS, DEADLINES ARE THE KEY TO SUCCESS. FOR OTHERS, THE BUDGET LEADS THE WAY. IN THE END, IT'S GPD'S GOAL TO LOOK BACK WITH THE OWNER ON WHAT HAS BEEN ACCOMPLISHED WITH INTEGRITY AND ENTHUSIASM.

GPD TAKES PRIDE IN THE WORK THAT WE DO AND PROJECTS THAT WE ARE A PART OF. WE TAKE IT AS A SERIOUS RESPONSIBILITY TO BE A PART OF THE CONSTRUCTION INDUSTRY, WITH MANY OF OUR DECISIONS AFFECTING PEOPLE'S EVERYDAY LIVES AND SAFETY. WE APPROACH EACH PROJECT KNOWING THAT IT'S A REFLECTION OF OUR COMPANY AND OF THE INDUSTRY AS A WHOLE. OUR REPUTATION MAY ARGUABLY BE OUR NUMBER ONE ASSET. WE WORK DILIGENTLY TO PRESERVE IT. OUR ONGOING WORK DEPENDS ON WORD OF MOUTH RECOMMENDATIONS. THE ONLY WAY TO GET A GOOD RECOMMENDATION IS TO DO A GOOD JOB.

THE OWNER OF A NEWLY COMPLETED PROJECT SHOULD BE ABLE TO TAKE PRIDE IN IT, AND BE ABLE TO GET 100% UTILIZATION OUT OF IT. THEY HAVE INVESTED A LOT OF ATTENTION AND DETAIL INTO THE PROJECT. THEY HAVE PLANNED WITH THEIR COLLEAGUES ABOUT IT. IT'S PART OF THEIR BUSINESS PLAN TO BE ABLE TO OCCUPY THE BUILDING AND EXECUTE WHAT IT WAS INTENDED FOR.

THE OCCUPANTS OF A COMPLETED PROJECT ALSO SHOULD FEEL THAT THE BUILDING IS A SUCCESS. PEOPLE TEND TO GATHER IN PLACES IN WHICH THEY FEEL WELCOME AND SAFE.

IN THE END, IT'S NOT ABOUT THE PROJECT, BUT RATHER THE PEOPLE INVOLVED WITH IT. OUR HIGHEST GOAL AS A COMPANY IS SUCH THAT EVERYBODY WE WORK WITH FEELS A SENSE OF ACHIEVEMENT, BOTH PROFESSIONALLY AND PERSONALLY.















## THE CRAIG THOMAS DISCOVERY AND VISITOR CENTER

### **GRAND TETON NATIONAL PARK**

This nationally recognized and awarded project consists of a 22,000 square foot facility primarily focused on the showcasing of one of our national parks. Originally created in 1929, Grand Teton National Park (GTNP) has remained as a symbol of the preservation of natural resources. The Craig Thomas Discovery and Visitor Center (CTDVC) was a collaboration of congressional dollars and private sector gifts totalling \$22 million. The center serves as a flagship of the park's heritage, educating and inspiring visitors of its past, present, and future.

GPD provided mechanical, plumbing, and electrical engineering design and construction administration services for the visitor center at the south entrance to the park, opened in August of 2007. Systems included variable air volume air handling systems with energy recovery, high efficiency boilers, well water hydronic cooling, radiant floors, and high efficiency plumbing fixtures. In the spirit of the preservation of natural resources, specific attention was given toward sustainability of the building.

THE CENTER INCLUDES INSTRUCTIONAL SPACES, STATE-OF-THE-ART GALLERY AND EXHIBIT SPACES, RESTROOMS, NATIONAL PARK SERVICE OFFICES, NATURAL HISTORY ASSOCIATION OFFICES AND BOOKSTORE, HIGH-DEFINITION THEATRE, AUDITORIUM, FRONT TERRACE, AND CENTRAL OUTDOOR COURTYARD.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON THE CTDVC: www.gtnpf.org/achievements/craig-thomas-discovery-visitor-center/



524 First Avenue S Great Falls, MT 59401

РН: 406.452.9558 FX: 406.727.9720

















# THE TOWN OF DEADROCK

## **CRAZY MOUNTAIN RANCH, MT**

THE CRAZY MOUNTAIN RANCH IS AN 18,000 ACRE PRIVATELY OWNED CATTLE RANCH NESTLED IN THE CRAZY MOUNTAINS NEAR CLYDE PARK, MT. WITHIN THE RANCH RESIDES THE TOWN OF DEADROCK, SERVING AS A PRIVATE CORPORATE GUEST RANCH WITH EVENT CENTER. THE TOWN HAS BEEN CRAFTED AFTER THE CONCEPT OF AN OLD WESTERN TOWN, COMPLETE WITH MAIN STREET SHOPS, ASSAY OFFICE, CRITERION HALL, GENERAL STORE, HOTELS, JAIL, BROTHEL, CHINESE LAUNDRY, BANK, FIREHOUSE, POST OFFICE, BARBERSHOP, STAGE COACH CACHE, LIVERY STABLE, AND SALOON. MORE THAN 20 BUILDINGS MAKE UP THE TOWN, ALL WITH A DEEP ARCHITECTURAL SENSE OF REPLICATING THE FEEL OF THE "OLD WEST" WHILE STILL MAINTAINING CURRENT BUILDING CODE COMPLIANCE.

GPD has provided mechanical, electrical, and plumbing design & construction administration services for the town of Deadrock. These systems include a central heating plant in the jail building, full commercial kitchen and formal dining and stage area in the livery stable, full bar in the saloon, commercial laundry facility in the chinese laundry building, administrative offices in the general store, hotel accommodations in the two story hotel buildings, reception/receiving areas in the stagestop building, etc.

THESE SERIES OF BUILDING PROJECTS THAT MAKE UP THE TOWN OF DEADROCK HAVE TRULY BEEN UNIQUE. GPD IS EXCITED AND HONORED TO BE A PART OF THE DESIGN TEAM. DEADROCK WOULD MAKE THE MARLBORD MAN PROUD.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON DEADROCK: WWW.CRAZYMOUNTAINRANCH.INFO



524 First Avenue S Great Falls, MT 59401

PH: 406.452.9558 FX: 406.727.9720 GPDINC.COM















# LAKE LODGE

### YELLOWSTONE NATIONAL PARK

Yellowstone, the world's first national park, was established by the U.S. government in 1872. Since that date, 58 more parks have been established in the U.S. in order to preserve these landmarks and to encourage visitors to discover and enjoy such places. Yellowstone National Park is home to many geothermal phenomena (geysers and hot springs), mountains, lakes, rivers, waterfalls, and wildlife. Today, more than 4 million people visit the Park annually. Largely built in the 1920's, lake lodge is situated in the park and operated by Xanterra, the Park's concessioner.

GPD was contracted to conduct a systems evaluation and condition assessment of the facility. We provided mechanical and electrical support for a building-wide assessment. Electrical work consisted of the distribution system, lighting, power, security, fire alarm, emergency battery systems, generator, grounding, and utility services. Mechanical work consisted of hvac systems, exhaust systems, kitchen hoods, waste and vent piping, domestic water piping, plumbing fixtures, and refrigeration equipment.

PRELIMINARY COST ESTIMATES WERE PROVIDED ALONG WITH A PRIORITIZED LIST OF ITEMS NEEDING REPAIR. A \$7-10 MILLION MULTI-PHASE RENOVATION IS CURRENTLY UNDERWAY.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON LAKE LODGE: WWW.YELLOWSTONENATIONALPARKLODGES.COM

NAMES OF TAXABLE PARTY OF TAXABLE PARTY.



524 First Avenue S Great Falls, MT 59401

РН: 406.452.9558 FX: 406.727.9720















# UNIVERSITY OF MONTANA WESTERN - MAIN HALL

### DILLON, MT

"OLD MAIN" WAS THE ORIGINAL BUILDING THAT COMPRISED THE CAMPUS OF THE MONTANA NORMAL SCHOOL AS IT WAS KNOWN AT THE TIME OF ITS FOUNDING IN 1893. THE SCHOOL THEN BECAME KNOWN AS WESTERN MONTANA COLLEGE, AND FINALLY BECAME PART OF THE MONTANA UNIVERSITY SYSTEM IN THE YEAR 2000. THIS ICONIC GOTHIC BUILDING WAS COMPLETED IN 1897, WITH THREE MAJOR ADDITIONS IN 1907, 1924, & 1951. FOR THE FIRST TEN YEARS OF THE SCHOOL'S OPERATION, MAIN HALL WAS THE ONLY BUILDING, HOUSING ADMINISTRATION, FACULTY, AND CLASSROOMS. MAIN HALL WAS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES IN 1980. IT REMAINS THE HEART OF THE UNIVERSITY'S CAMPUS.

GPD IS PART OF A MAJOR RENOVATION EFFORT THAT IS CURRENTLY UNDER CONSTRUCTION. A THREE PHASE, \$14 MILLION MASTER PLAN WAS DEVELOPED, INCLUDING THE RENOVATION OF ADMINISTRATIVE SPACE, CLASSROOMS, AUDITORIUM, AND LIBRARY SPACES.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON MAIN HALL:



524 FIRST AVENUE S GREAT FALLS, MT 59401

РН: 406.452.9558 FX: 406.727.9720













# ST. PETER'S HOSPITAL

### HELENA, MT

ST. PETER'S HOSPITAL WAS ESTABLISHED IN 1883 AS A RESULT OF A PARTNERSHIP BETWEEN THE ST. PETER'S EPISCOPAL CHURCH AND THE MONTANA EPISCOPAL DIOCESE. MORE THAN 100 YEARS LATER, ST. PETE'S IS THE PREDOMINANT HEALTHCARE ORGANIZATION IN HELENA AND SURROUNDING AREAS. THE FACILITY PROVIDES THE FULL SPECTRUM OF SERVICES, AND CONTINUES TO EXPAND TO MEET THE NEEDS OF THE COMMUNITY.

STARTING IN 2004, GPD PROVIDED MECHANICAL, ELECTRICAL, AND PLUMBING DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR A \$40 MILLION MAJOR RENOVATION AND EXPANSION OF THE HOSPITAL.

APPROXIMATELY 40,000 SQUARE FEET OF EXISTING SPACE WAS REMODELED, INCLUDING RECEIVING AREAS, PHARMACY, DIETARY, MEDICAL RECORDS, SAME-DAY SURGERY, INTENSIVE CARE UNIT, AND VARIOUS OTHER SUPPORTIVE SPACES.

APPROXIMATELY 105,000 SQUARE FEET OF NEW CONSTRUCTION WAS BUILT, INCLUDING NEW EMERGENCY POWER PLANT, CHILLER PLANT, AMBULANCE GARAGE, EMERGENCY DEPARTMENT, FOUR STORY PATIENT CARE TOWER, RADIOLOGY DEPARTMENT, AND NEO-NATAL AREAS.

THE PROJECT WAS COMPLETED IN 2007.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON ST. PETER'S: WWW.STPETES.ORG



524 First Avenue S Great Falls, MT 59401

РН: 406.452.9558 FX: 406.727.9720

![](_page_18_Picture_11.jpeg)

![](_page_18_Picture_12.jpeg)

![](_page_18_Picture_13.jpeg)

# **ROCKY MOUNTAIN LABORATORIES**

### HAMILTON, MT

![](_page_19_Picture_2.jpeg)

ROCKY MOUNTAIN LABORATORIES (RML) IS A NATIONAL INSTITUTE OF HEALTH (NIH) CUTTING EDGE BIOMEDICAL RESEARCH FACILITY LOCATED IN THE BITTERROOT VALLEY IN MONTANA. WITH ITS FIRST LABORATORY

BUILDING COMPLETED IN 1928, RML WAS APTLY NAMED FOR ITS RESEARCH OF, AND VACCINE FOR, ROCKY MOUNTAIN SPOTTED FEVER, AN OFTEN FATAL DISEASE WHICH HAD PLAGUED THE REGION FOR DECADES. TODAY, ROCKY MOUNTAIN LABS IS ONE OF 27 NIH FACILITIES ABLE TO RESEARCH AND INVESTIGATE INFECTIOUS DISEASES, BOTH COMMON AND RARE. RML'S WORK HAS BEEN INSTRUMENTAL IN THE DEVELOPMENT OF TREATMENT AND CURES FOR A MYRIAD OF EXISTING AND EMERGING DISEASES.

GPD CURRENTLY HOLDS THE INDEFINITE DELIVERY INDEFINITE QUANTITY (IDIQ) CONTRACT WITH ROCKY MOUNTAIN LABORATORIES, TAKING PART IN OVER 50 CONSTRUCTION PROJECTS TOTALING OVER \$20 MILLION. MAJOR PROJECTS INCLUDE A 15,000 SQUARE FOOT BIOSAFETY LEVEL 3 CONTAINMENT LAB, A 12,000 SQUARE FOOT ANIMAL HOLDING FACILITY, A NEW CAMPUS WEST ELECTRICAL DISTRIBUTION SYSTEM, CAMPUS UTILITY MASTER PLANNING, AND NUMEROUS LABORATORY, OFFICE, INCINERATOR, MAINTENANCE, AND STORAGE FACILITIES DESIGN AND CONSTRUCTION ADMINISTRATION.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON RML: WWW.NIAID.NIH.GOV/ABOUT/ROCKY-MOUNTAIN-LABORATORIES

524 First Avenue S Great Falls, MT 59401

РН: 406.452.9558 FX: 406.727.9720

![](_page_19_Picture_10.jpeg)

![](_page_19_Picture_11.jpeg)

# MALMSTROM AIR FORCE BASE

## GREAT FALLS, MT

MALMSTROM AIR FORCE BASE (MAFB) IS ONE OF THE DEFINING ASPECTS OF GREAT FALLS, AND OF THE STATE OF MONTANA. STARTED IN THE EARLY 194OS DUE TO WORLD WAR II, MALMSTROM HAS BECOME A KEY MILITARY BASE WITH REGARD TO OUR NATION'S INTERCONTINENTAL BALLISTIC MISSILE (ICBM) CAPABILITIES. MAFB IS ONE OF THREE U.S. AIR FORCE BASES TASKED WITH THE MINUTEMAN III ICBM PROGRAM, MAINTAINING AND SECURING 150 MISSILES.

STARTING IN 1990, GPD HAS BEEN AN INTEGRAL PART OF THE CONSTRUCTION EFFORTS MADE ON THE BASE. GPD HAS HELD THREE CONSECUTIVE MULTI-YEAR INDEFINITE DELIVERY INDEFINITE QUANTITY (IDIQ) CONTRACTS AT MALMSTROM AND HAS HAD ALL OPTION YEARS EXERCISED. WE CURRENTLY HOLD THE IDIQ CONTRACT. OUR WORK WITH MAFB HAS INCLUDED WELL OVER 100 TASK ORDERS, WITH PROJECTS ON THE BASE AS WELL AS AT REMOTE MISSILE ALERT FACILITIES (MAF) AND MISSILE SILD LOCATIONS. WE ARE EXTREMELY PROUD OF THIS PARTNERSHIP WITH MALMSTROM, AND ARE DEVOTED TO OUR NATION'S MEN AND WOMEN IN UNIFORM.

PLEASE VISIT THE FOLLOWING WEBSITE FOR MORE INFO ON MALMSTROM: WWW.MALMSTROM.AF.MIL

![](_page_20_Picture_5.jpeg)

524 First Avenue S Great Falls, MT 59401

рн: 406.452.9558 FX: 406.727.9720

![](_page_20_Picture_8.jpeg)

![](_page_20_Picture_9.jpeg)

![](_page_20_Picture_10.jpeg)

## **OTHER SELECTED EXPERIENCE**

### DANCING BEARS INN AND SUITES - EAST GLACIER, MT

CURRENTLY UNDER DESIGN, THIS \$14 MILLION PROJECT IS A NEW 5 STORY HOTEL WITH ATTACHED 3 LEVEL COVERED PARKING FACILITY. IT IS A 74,000 sq. ft., 96 room hotel with conference rooms, breakfast and gathering areas, administrative spaces, indoor pool, and spa/ workout areas. GPD is providing MEP design including plumbing, hvac, power, lighting, fire alarm, catv, video surveillance, and access control systems.

### <u>Montana Club - Missoula, MT</u>

This project was a new 8,900 sq. ft. restaurant with a full commercial kitchen, dining area, casino & gaming area, and bar/ lounge area. GPD provided all mechanical, electrical, and fire protection design services.

#### DNRC/DEQ CO-LOCATION FACILITY - KALISPELL, MT

THIS PROJECT CONSISTED OF A NEW OFFICE SPACE TO INCORPORATE 65 FULL TIME EMPLOYEES AND A NEW DETACHED SHOP/STORAGE BUILDING, CO-LOCATING THREE DNRC DIVISIONS AND TWO DEQ DIVISIONS. AS PART OF THE PROJECT, AN ENERGY STUDY WAS CONDUCTED TO EVALUATE AND EXPLORE DIFFERENT OPTIONS PERTAINING TO THE MECHANICAL AND ELECTRICAL SYSTEMS. GPD PROVIDED MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DESIGN SERVICES. THE BUILDING WAS CERTIFIED LEED GOLD.

#### SADDLE VIEW APARTMENT COMPLEX - BOZEMAN, MT

This \$10 million dollar project was a 72 unit apartment complex with Nine apartment buildings (two different layouts), storage buildings, and an office building with fitness center. The typical apartment building contains eight individual apartments, on two levels, with a connecting breeze way to give each apartment an exterior entrance. Each apartment is just over 900 sq. ft. and has two bedrooms, two baths, and an exterior patio/balcony with storage room. A packaged terminal heat pump provides each unit with heating, cooling, and ventilation. The apartments are equipped with automatic fire suppression and alarm notification systems. Design services included heating, cooling, ventilation, and plumbing system layout and design.

#### SHOWDOWN SKI LODGE ADDITION - KINGS HILL, MT

THIS PROJECT INCLUDED A 12,000 SQ. FT. BASE LODGE ADDITION, ALMOST TRIPLING THE USABLE AREA OF THE ORIGINAL LODGE. IT HOUSES SKI PATROL, DAYCARE, LOCKERS, RESTROOMS, GUEST SERVICES, SEATING AREAS, THE BAR, AND CORPORATE OFFICES. IT IS HEATED BY PROPANE FIRED, HIGH EFFICIENCY BOILERS THAT SERVE RADIANT FLOOR, BASEBOARDS, AND CABINET UNIT HEATERS.

#### CHARLES M. RUSSELL HISTORIC STUDIO - GREAT FALLS, MT

This project focused on the rehabilitation of C.M. Russell's Studio workspace (built in 1903) and the Gallery exhibit area & shed roof additions (started in 1926 right before C.M. Russell's death). The building is approximately 1630 sq. ft. with a partial basement for hvac systems. The project included upgrades to the structure, restoration of logs and timbers, removal of interior display cabinets, wood floor restoration, remodeling for A.D.A. access, I.T. infrastructure for interpretive displays, new power, led lighting, dimmers and controls, fire alarm, security systems, new plumbing fixtures, and upgraded ventilation systems.

#### SPA HOT SPRINGS MOTEL - WHITE SULPHUR SPRINGS, MT

This project was a remodel and expansion of the existing hotel and pool in White Sulfur Springs. This unique facility utilizes existing underground hot water springs to provide geothermal heating to the pool facilities, guest rooms, and all other support and administrative areas. A new 2 story addition was built to provide additional rooms and the existing pool equipment was replaced with new. Ground floor rooms were designed with in-floor radiant heat along with PTAC units to provide ventilation and cooling. All these systems utilize the hot springs as a source of heat.

### Assisted Living Facilities - Wenatchee & Ellensburg, WA These two projects, each \$5 million, consisted of a new 2-story, 50,000 sq. ft. assisted living facility with 70 living units, commercial kitchen, laundry, admin, dining, exercise, lobby, public restrooms, and support areas.

![](_page_22_Picture_0.jpeg)

DESIGN. BUILD. AGHIEVE.

![](_page_23_Picture_0.jpeg)

524 First Avenue S Great Falls, MT 59401

РН: 406.452.9558 FX: 406.727.9720

![](_page_23_Picture_4.jpeg)