

Site Development - Educational Facilities Division Profile

ROBERT PECCIA & ASSOCIATES

Robert Peccia & Associates utilizes its broad engineering experience in a team approach to address the site development needs of college and institutional campuses, schools, urban and suburban centers, military facilities, and large-scale individual projects.

1) MSU Steam & Condensate Distribution

RPA was involved with surface and utility demolition, trench excavations, subsurface drainage, utility relocations, and surface restoration (including streets and sidewalks). Eleventh Avenue between Grant and Cleveland was totally reconstructed including sidewalks, boulevards, curbs, bicycle and driving lanes. All pedestrian crossings were handicap accessible and marked, inlaid with thermoplastic.



4) MSU - Animal Bioscience Building

Design of a new 49,000-square-foot, four-story steel frame building located within the agricultural sub-campus at MSU. The new building features a partial basement, classrooms, research labs and offices.

5) U of M Parking Structure

This project involved the design and construction of a three-level, 330-stall, cast-in-place concrete parking structure. RPA completed the Preliminary Design Report, design engineering, and construction administration.

2) Centennial Hall - Montana Tech of the U of M, Butte, MT

The site ground topography varied more than thirty (30) feet, allowing for the unique adaptation of a three-story building and associated four-tier parking lot. Extension of water, sanitary and storm sewers was completed despite the resistance from bedrock and steep terrain. Site accessibility was provided from two parking lots to the east and north. Retaining walls, concrete sidewalks and stairs were added to provide pathways from the facility to the core of the campus. Storm and subsurface drainage were included to remove water from the site. Four separate parking lots were created to maximize the number of parking stalls (77), while minimizing the grades within each lot.



3) MSU Parking Management Plan

This study analyzed the university's parking facilities, utilization, management practices, and alternatives for future parking system development. The purpose was to evaluate existing conditions, compare them to successful practices at other university campuses, and develop recommendations for improving the system.

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If you have any questions regarding services we can provide, please contact the following individuals:

Keith Jensen, PE
SITE DEVELOPMENT DIVISION
MANAGER

John Piccone, PE
SITE DEVELOPMENT DIVISION
ASSISTANT MANAGER

Ryan Mitchell, PE, PLS
KALISPELL OFFICE MANAGER

From strategic planning, conceptualization, financing, commissioning, and operation - our team has the expertise to maintain excellence in engineering throughout the duration of your project. Our services begin with the collection of basic data and continue through to site occupation.

Our site development project team evaluates specific issues:

- Master Planning
- Site Survey
- Site Analysis
- Environmental Review
- Permitting
- Preliminary Engineering
- Design Plans and Specifications
- Contract Administration

Our surveyors are experienced in completing topographic maps, horizontal, cadastral and boundary retracement, construction surveys, and vertical control. They are efficient and accurate, and have many different control checks built into their field procedures to monitor the quality of the data being presented.

Our engineers and technicians are experienced in infrastructure designs and expansion requirements, and can assist in obtaining federal, state, and local permits.

From new campus buildings and renovations and urban and suburban centers to institutional and large-scale projects, RPA's engineers work together in an atmosphere of mutual trust and cooperation. RPA's skilled and competent engineers assures that even the smallest details of a project are completed to your satisfaction.

HELENA
P.O. Box 5653
825 Custer Avenue
Helena, Montana 59604
(406) 447-5000
FAX 406 447-5036

KALISPELL
P.O. Box 5100
102 Cooperative Way, Suite 300
Kalispell, MT 59903
(406) 752-5025
FAX (406) 752-5024

REPRESENTATIVE PROJECTS

MSU Animal Bioscience Building
MSU Large Animal BSL-2 Laboratory Building
MSU Small Animal BSL-3 Laboratory Building
100-Bed Residence Hall
U of M Parking Structure
U of M Family Housing Apartment Complex
MSU Parking Management Plan
MSU North Graton Pay Lot
MSU North Fieldhouse Parking Lot
MSU Steam & Condensate Distrib. - Phase III
East Valley Middle School
Longfellow Elementary Mechanical Upgrade
Irving Elementary Mechanical Upgrade
Whittier Elementary Mechanical Upgrade

LOCATION

MSU, Bozeman, MT
MSU, Bozeman, MT
MSU, Bozeman, MT
MT Tech of the U of M - Butte, MT
U of M - Missoula, MT
U of M - Missoula, MT
MSU, Bozeman, MT
MSU, Bozeman, MT
MSU, Bozeman, MT
MSU, Bozeman, MT
MSU, Bozeman, MT
East Helena, MT
Bozeman, MT
Bozeman, MT
Bozeman, MT

CLIENT

Montana State University
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Montana Tech of the U of M
University of Montana
University of Montana
Montana State University
Montana State University
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Montana State University
Montana State University
East Helena School District
Bozeman School District
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