

**LEWISTOWN PUBLIC SCHOOLS
BOARD OF TRUSTEES**

Lincoln Board Room
215 Seventh Avenue South
Lewistown, Montana 59457

Thursday, November 15, 2018

SPECIAL BOARD MEETING

CALL TO ORDER (5:00 p.m.)

BOARD OF TRUSTEES

1. Roll Call
2. Pledge of Allegiance
3. Recognition of Parents, Patrons, and Others Who Wish to Address the Board
4. Interview—NE45 Architect Firm
5. Interview—SMA Architect Firm

ADJOURNMENT

PUBLIC PARTICIPATION

The Board of Education encourages participation at public School Board meetings. Under normal circumstances it is desirable to allow everyone to address the Board. However, when there are many persons who wish to address the Board, the following rules shall apply to protect the public's right to be heard:

- Speaker must first be recognized by the Chair and identify him/herself.
- Comments may not infringe on the rights to privacy of another.
- Each speaker shall be allowed a presentation not to exceed three (3) minutes at the appropriate time on the Agenda.
- There will be a limit of one presentation per person.
- The Board requests that organizations and groups be represented by a single spokesperson. The spokesperson for each group shall be limited to a presentation of three (3) minutes. To save repetition and time, the Board also requests that persons not speak if a previous speaker has expressed a similar position on the same issue.
- Appropriate comments are welcome but no action is likely to be taken at this time to ensure that others have the opportunity to address the same issue also. Items discussed may, at the discretion of the Board, be placed on a later agenda.
- The Board will accept comments from the public on each agenda item as it is discussed.

By a majority vote of the Board, these rules may be suspended for special reasons at any particular meeting. Further, the Board may reserve the right to adjust the length of time.

LEWISTOWN PUBLIC SCHOOLS
Lewistown, Montana

BOARD AGENDA ITEM

Meeting Date

11/15/2018

Agenda Item No.

3

☐ Minutes/Claims ☐ Board of Trustees ☐ Superintendent's Report ☐ Action - Consent
☐ Action - Indiv.

ITEM TITLE: RECOGNITION OF PARENTS, PATRONS, AND OTHERS WHO WISH TO ADDRESS
THE BOARD

Requested By: Board of Trustees **Prepared By:** _____

SUMMARY:

Time is provided on the agenda for anyone who wishes to address the Board.

SUGGESTED ACTION:

☐ Additional Information Attached Estimated cost/fund source _____

NOTES:

LEWISTOWN PUBLIC SCHOOLS
Lewistown, Montana

BOARD AGENDA ITEM

Meeting Date

11/15/2018

Agenda Item No.

4

☐ Minutes/Claims ☒ Board of Trustees ☐ Superintendent's Report ☐ Action - Consent
☐ Action - Indiv.

ITEM TITLE: INTERVIEW—NE45 Architect Firm

Requested By: Board of Trustees **Prepared By:** Thom Peck

SUMMARY:

The Board of Trustees will conduct an interview with NE45 Architects for the purposes of facility planning and a potential bond initiative.

SUGGESTED ACTION: Informational

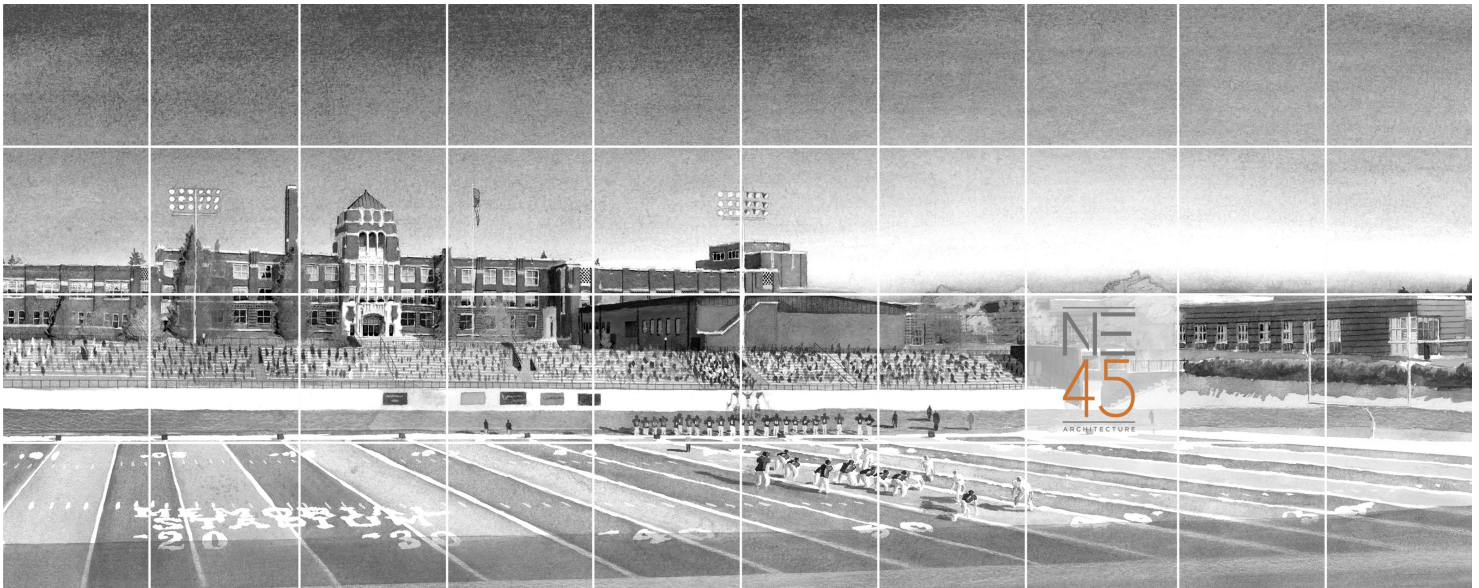
☒ Additional Information Attached

NOTES:

Submitted by:



NE45 Architecture, LLC RFQ for Architectural/ Engineering Response



Lewistown Public Schools Long Range Facility Planning Project

Lewistown Public Schools

Lewistown Public Schools | 215 7th Ave. South, Lewistown, Montana

Architectural/ Engineering Services - Request for Qualifications

Long Range Facility Planning Services

October 12, 2018

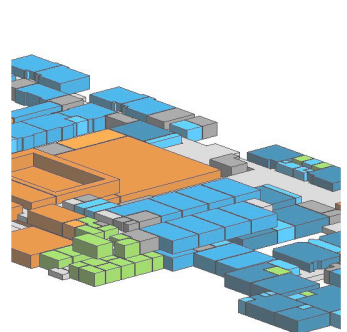
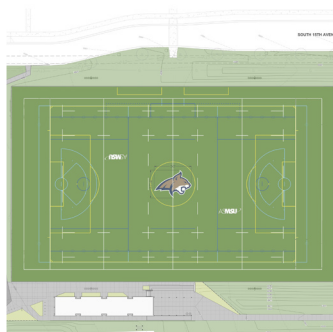
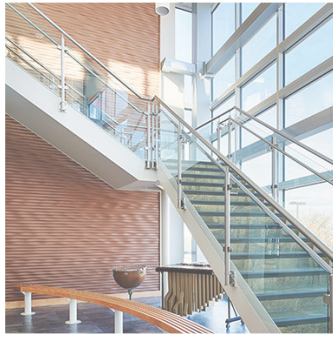


Table of Contents: RFQ Requirements



Index	Page
1) Cover letter / Statement of Interest	02
A brief cover letter of not more than one page may be provided at the front of the response which indicates the submitting firm's (team's) interest in providing the services within the RFQ. Include a statement indicating the current work status of individuals assigned to this project and an assurance that the timelines developed for the project will be met.	
2) Submitting Firm and/or Team	03
On a single page, identify the submitting firm and any other firms which may be members of a team submission. The key contact name, address, phone number and email address shall be listed for the submitting firm and all team members. The primary responsibilities for meeting the RFQ requirements shall be listed for each member of team submissions.	
3) Qualifications	04
Briefly indicate the qualifications each team member possesses and how these qualifications relate to the requirements of the RFQ. Within this statement, indicate each firm's history in educational planning, engineering, construction, technology or any other experience which supports the requirement of the RFQ.	
4) Project Approach	10
Provide a detailed but brief written description of the approach and tasks the submitting firm and the team members will use in fulfilling the requirements of the RFQ. Identify elements of the planning approach that the district will be responsible for completing. Include milestone dates for key elements of the project.	
5) Experience	20
Describe only relevant, recent firm or individual experience for personnel who will be actively engaged in the project. List no more than five projects with name, contact person, phone number, and a brief project description.	
6) Fees	N/A
Selection will be made based on Qualification Based Selection (QBS) as required by Montana statute §18-8-201. Scope of work and fees will be negotiated with the highest ranked firm. Costs will be reviewed and finalized prior to the execution of a contract for services. If a contract cannot be negotiated, the District will move to the next highest ranked firm to negotiated fees and services.	

Statement Of Policy

18-8-201. Statement of policy. The legislature hereby establishes a state policy that governmental agencies publicly announce requirements for architectural, engineering, and land surveying services and negotiate contracts for such professional services on the basis of demonstrated competence and qualifications for the type of professional services required and at fair and reasonable prices.

History: En. Sec. 1, Ch. 51, L. 1987

***NE45 Architecture accepts the Qualification Based Selection as required by Montana statute 18-8-201.**

1. Cover letter / Statement of Interest

October 12, 2018

Lewistown Public Schools
Thom Peck, Superintendent
215 7th Avenue South
Lewistown, MT 59457

Re: Request For Qualifications For Educational Facility Planning Services & Pre-Bond information | Lewistown Public Schools Long Range Facility Planning

Dear Mr. Thom Peck,

It is with enthusiasm that we are submitting this proposal to provide professional design services for the Lewistown Public Schools. NE45 has had the pleasure of working with numerous public agencies throughout the region on similar projects that foster civic pride and promote community involvement.

Our planning and design process emphasizes inclusion and exploration of options. We believe there are many ways to address an issue and the best way is the result of a very collaborative effort between designer and client. We promote an effective outreach process, highlighted by engaging design sessions with client user groups working side-by-side with our team of professionals. We provide the tools for interaction and guide the process. These events always solicit invaluable ideas and strengthen public support. NE45 is particularly excited about working with another great school district. It is a project type we take great pride in.

Collaboration is the key to our work. We believe that the active involvement of those who serve in, and are served by the projects should be participants in the creation of a project that is engaging, exciting, and flexible. We feel that we confirmed this commitment of openness, collaboration, and transparency with our most recent Facility Planning experience working with Three Forks Public Schools and the Bozeman School District on their Preliminary Architectural reports (PAR). Also, in 2012 we assisted in the School Facilities Conditions Assessment for the Wyoming School Facilities Department. This was a comprehensive assessment study of 398 K-12 school facilities and 116 ancillary buildings across the state of Wyoming. This assessment included the development of criteria and measures for building evaluation that incorporates educational suitability and technology readiness. To that end, evaluation standards were developed for air quality, illumination, and technology readiness as a measure of the appropriateness of the student environment. Educational and non-educational buildings were measured and each space within the facility were categorized in terms of its function. The information was used to generate dimensioned floor plans of each facility with the space categorization shown graphically and tabulated. Based on the results of the Assessment, an opinion was developed regarding the disposition of each of the facilities assessed. A summary report was prepared for each facility. The opinions reflected a combination of factors including the Facility Condition Index (FCI) which quantifies the building deficiencies present at the facility, the Facility Condition Needs Index (FCNI) which quantifies building needs relative to illumination, indoor air quality, and technology readiness, and the space measurement evaluation which has been used with other provided data to evaluate the appropriateness of the student environment.

Currently, we are freeing up our resources as several of our projects are ending and/or moving into the construction phase. We are able, and would be honored, to work with you on your Long Range Facility Planning project and meet all deadlines during the process. The following pages will demonstrate our ability to work effectively with Lewistown Public Schools as a team, to develop responsible planning solutions through accurate and thorough investigation, insightful analysis and creative design to fit your specific planning needs.

Sincerely, NE45 ARCHITECTURE, LLC



Ron M. Nemetz, AIA | Principal

2. Submitting Firm and/or Team

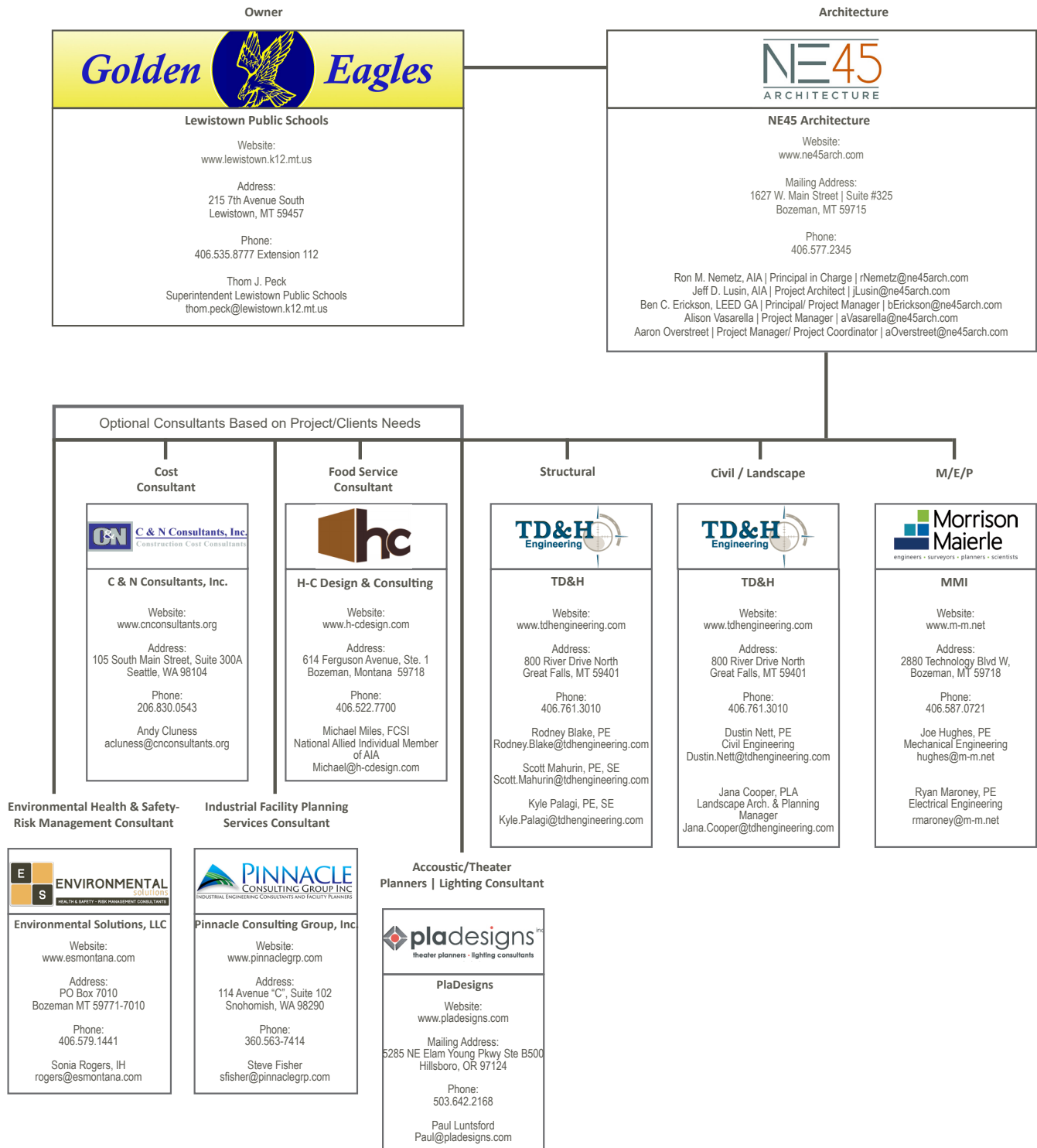
SECTION

2

NE45 Architecture

Our Team's Organizational Chart

NE45 has assembled a team that is technically strong that offers diverse experience in planning, design, construction and is actively working on or has completed several similar projects together.



3. Qualifications

SECTION

3



Principals :

Ron Nemetz Jeff Lusin
Ben Erickson

Contact :

Ron Nemetz , AIA
Ph: 406.577.2345
C: 406.599.6213
Email: rnemetz@ne45arch.com

Mailing Address:
1627 W. Main Street | Suite #325
Bozeman, MT 59715

Physical Address:
1216 W. Lincoln Street | Suite D
Bozeman, MT 59715

1325 8th Avenue N. | Suite 102
Great Falls, MT 59401

Website: www.ne45arch.com

Types of Service :

Full Service Architecture, Interiors & Planning:

Higher Education	Community
Government	Renovations
K-12 Education	Non-Profit
Library	Mixed-Use
Master Planning	Institutional
Medical	Planning
Hospitality	Commercial
Retail	Recreation

Firm Composition :

Total Staff:	11
Architectural/Interiors	11
Administrative:	1
Registered Architects	2
LEED Accredited Professionals	3

Architectural Registrations:

Montana, Wyoming, Oregon, Tennessee,
Hawaii

NE45 References:

Refer to Section 5 *Experience* for
our project references.

NE45 Architecture, LLC

Architectural

Providing Local Knowledge and Collaboration

NE45 Architecture puts a strong emphasis on educational projects including, K-12 schools, Higher Education, libraries, community and cultural centers, and multi-service facilities that bring a wide range of government services into one efficient structure. Our experience gives us a unique understanding of how to work effectively with diverse user groups to develop strong architectural solutions that truly reflect the client and community they serve. NE45 combines the intimacy and one-on-one mentoring environment as a smaller practice but with the extensive knowledge of a major design firm. Our goal is to always give each project the time and attention it needs to be successful and achieve the needs our client. Our reputation is based on the personal relationships we develop with our clients, and we carefully and constantly monitor our workload throughout our firm to make sure we have the time to develop these strong partnerships and to do our work to the best of our abilities.

Our design approach is based on a very interactive process between all team members. This allows each member the opportunity to contribute their ideas, expertise, and technical knowledge, ultimately creating projects that are uniquely tailored to fit the needs and desires of our clients.

We believe that design has the power to positively transform people and the planet. Research-focused and inventive, every day we reimagine how space can be used to foster stronger ties between communities, the built environment, and nature. Our transformative designs help students learn better, patients heal faster, business teams perform stronger, and city dwellers have more meaningful daily experiences.

Diverse Stakeholders

We have developed several facilities that combined agencies or programs historically operating autonomously; such as multi-use space with classrooms. The net result was a synergy of operation and economy of space never before realized by the users.

Education & Public Agency Experience

NE45 Architecture puts a strong emphasis on public projects including athletic facilities, schools, community and cultural centers, and multi-service facilities that bring a wide range of government services into one efficient structure. Our experience gives us a unique understanding of how to work effectively with diverse user groups to develop strong architectural solutions that truly reflect the client and community they serve.

Our experience gives us a unique understanding of how to work effectively with diverse user groups to develop strong architectural solutions that truly reflect the client and community they serve.

Much of our work involves renovation and re-purposing of existing buildings/classrooms, including local and nationally registered historic structures. We place great value on the heritage of venerable buildings, capitalizing on the timeless qualities of a solid structure. This can be the direct conversion of an historic building to create new, flexible, modern space, or by recycling of vintage structural members from local buildings slated for demolition into new structures.

3. Qualifications

Educational Planning Experience

Integrating architectural expertise and educational perspective is a unique strength of NE45 Architecture – to seamlessly assimilate both educational and physical components of a complex scope of work into a comprehensive, coordinated and accurate set of tools for use and implementation by the design team of architects and engineers. Understanding both educators and architects allows for an accurate translation of educational goals and needs into clear and effective direction for your projects. Our involvement and proven planning process will assist Lewistown Public Schools in thinking ahead by revealing the context and processes that are most conducive to teaching and learning; creating finished products that are agile, appropriate, and engaging, and helping you imagine “schools” of the future - whatever that future SHOULD and COULD be.

Our Focus

Success on the Lewistown Public Schools project will come in many forms, but to us, they are all driven by the same drivers. These drivers resonate deeply within our team. As we move forward with you, the drivers will shape our progress and process. The drivers focus on how we work with you, how we approach the project in partnership with the School District/ Community, and how, together, we can create the best learning environment imaginable.

How we work with you - The Collaborative Process

The idea of the “kitchen table” design approach is a useful metaphor for our project approach, representing both a shift in mind-set as well as environment. For us, it has come to represent a process of working, in which all team members are involved in a collaborative visioning and design process. Nowhere is this more important than in Lewistown Public Schools. Obviously, no two school projects are alike. The people that use, teach and work in the specific facilities must be fully engaged in helping to create a solution to the issue that you are trying to remedy.

NE45 Architecture will partner with each individual school's administration, staff, students and facilities personnel to help define and seamlessly blend each component of the project into the District's Master Plan and Vision for the future.

Engaging Learning Environments That Serve the Needs of Students

NE45 Architecture has extensive experience in new educational building design and existing educational facilities renovations. We bring regionally recognized expertise in learning environments. The planning of educational projects is ideally led by professionals who are dedicated to the task of helping students discover and nurture their calling through the alignment of state-of-the art learning spaces and educational programs. NE45 Architecture's team understands and can facilitate any type of educational project necessary to better the Lewistown Public Schools.

Our Commitment to Small Communities

NE45 Architecture has worked with numerous small town communities and districts to successfully plan and implement their vision for the future. We've developed a number of multi-use community projects that strategically combine a wide range of user groups and functions into one facility, maximizing the use of space and budget.

Logical planning for site and building that incorporates flexibility and anticipates future growth is essential to the long term economics and functionality of the project. Through careful planning, we have been able to provide many of our small regional jurisdictions the economic benefit of shared facilities – allowing them to stretch their limited resources while providing quality facilities to their constituents.

Our firm has significant project experience successfully working with smaller communities throughout Montana, Wyoming, Oregon and Washington. We take great pride in our work in the following towns:

- | | | | | |
|------------------|-------------------|----------------|--------------------|-------------------|
| • Sheridan, MT | • Chouteau, MT | • Hamilton, MT | • Pinedale, WY | • Ashland, OR |
| • Stanford, MT | • Havre, MT | • Casper, WY | • Cheyenne, WY | • Oregon City, OR |
| • Columbus, MT | • Belgrade, MT | • Sheridan, WY | • North Plains, OR | • Sherwood, OR |
| • Livingston, MT | • Three Forks, MT | • Gillette, WY | • Pacific City, OR | • Cornelius, OR |
| • Hardin, MT | • Conrad, MT | • Wright, WY | • Hood River, OR | • Camas, WA |

3. Qualifications

NE45 Architecture



Ron M. Nemetz, AIA, NCARB

Principal in Charge

NE45 Architecture, LLC



With over 30 years of experience in architecture and construction, Ron has been working exclusively in the industry since the early 1980's. Ron knew early-on that he was going to be an architect, and has focused a majority of his professional time and efforts in the education and community sectors. Along with this vast experience, Ron's proven leadership skills and team-oriented approach to architecture and design have made him a valuable team member on over 500 building projects.

As a Principal and Owner of NE45 Architecture, Ron excels at client interaction and communication, and his personality is an asset when it comes to conflict and/or dispute resolution. Ron began his career in the construction industry prior to becoming a registered architect in 1994. This experience provides him a very strong technical background in the materials and methods of construction, and also promotes efficient coordination of Architectural, Engineering and Construction professionals.

Education

- Bachelor of Architecture, University of Tennessee

Affiliations / Registrations:

- Registered Architect in Montana
- American Institute of Architects
- Livingston Historical Commissioner
- NCARB
- Nicolaysen Art Museum; Vice Chair

Relevant Experience:

Dean Morgan Jr. High School Ren., Casper, WY*

New Lincoln Elementary School, Casper, WY*

New Natrona County CAPS/ Roosevelt High School, Casper, WY*

New Westwood Alternative High School, Gillette, WY*

Wright Junior/ Senior High School Renovations, Wright, WY*

State of Wyoming 2012 Statewide Schools *

Facilities Condition Assessment, Cheyenne, WY*

New Casper College Music Building, Casper, WY*

Manor Heights Elementary School, Casper, WY

Sacajawea Middle School PAR, Bozeman, MT

Three Forks School Renovation, Three Forks, MT

Havre High School Renovations, Havre, MT

Lincoln McKinley Elementary School, Havre, MT

Beaverhead High School | Dillon, MT

Great Falls High School | Great Falls, MT

* Project completed prior to NE45



Ben C. Erickson, LEED GA

Principal/ Project Manager

NE45 Architecture, LLC



Ben was born and raised in Havre, Montana. He received his Masters in Architecture from Montana State University. He is an extremely energetic, enthusiastic, passionate and dependable person. He has brought these traits to every project that he has been involved with over the years and Ben not only listens to client's wants and needs, but actually hears what they are saying. This ability to use his professional expertise to translate an owner's idea to paper is one of his strong points, and his artistic eye, attention to detail, and amazing people skills strengthens his value for a project.

Ben has a wide range of project experience but a majority of his career has been focused on educational and community design work. As an Owner and Principal of NE45 Architecture, Ben works closely with clients, consultants and contractors to create a "teamwork" approach which is the secret behind every great project. Also his experience in REVIT, CAD, Sketch-up, Photoshop and other design programs will allow each and every client to have the most current and up-to-date technology for their project.

Relevant Experience:

Sacajawea Middle School PAR, Bozeman, MT

New Lincoln Elementary School, Casper, WY*

Highland Park Elementary School, Havre, MT

New Westwood Alternative High School, Gillette, WY*

Wright Junior | Senior High School Renovations, Wright, WY

Beaverhead High School | Dillon, MT

Great Falls High School | Great Falls, MT

Montana State University Fieldhouse, Bozeman, MT

Three Forks School Renovation, Three Forks, MT

Manor Heights Elementary School, Casper, WY

Havre High School Renovations, Havre, MT

Lincoln McKinley Elementary School, Havre, MT

* Projects completed prior to NE45

Education:

- Masters of Architecture, Montana State University
- Bachelor of Environmental Design, Montana State University

Affiliations / Registrations:

- USGBC, LEED GA
- NCARB

3. Qualifications



Education

- Masters of Architecture, Magna Cum Laude
Montana State University
- Bachelors of Science, Magna Cum Laude
Washington State University

Affiliations / Registrations:

- Registered Architect in Montana
- American Institute of Architects
- NCARB, USGBC, LEED AP BD+C
- Thrive; VP of the Board
- Montana State University Gallatin Valley Chapter; Vice Chair
- Bozeman Chamber of Commerce

Jeff D. Lusin, AIA, LEED AP BD+C

Principal/ Project Architect

NE45 Architecture, LLC



As a Principal, Jeff collaborates with his fellow partners to provide effective and meaningful service to every client while striving to positively impact the surrounding community. With experience in residential, commercial, hospitality, healthcare and educational architectural sectors, from time spent working in San Francisco, Portland and Seattle, Jeff finds himself back home in his native Bozeman. He is a champion for mentorship and continued education as he believes they are key components to cultivating design. Enhancing his own professional journey, Jeff finds time to engage in the local community.

Jeff has primary firm responsibility for project quality control and will lead the team in detailing from beginning to end. He provides the team with superior communication, programming and design development skills. He provides construction and control oversight on all office projects from concept development to final construction, constantly challenging the team to produce insightful and creative architectural solutions.

Relevant Experience:

Lincoln McKinley Elementary School PAR, Havre, MT
Havre High School PAR, Havre, MT
MSU Northern Stadium, Havre, MT

Montana State University Fieldhouse, Bozeman, MT
Beaverhead High School | Dillon, MT
Van Winkle Stadium Improvements | Bozeman, MT



Education

- Masters of Architecture, Montana State University
- Bachelor of Environmental Design
Montana State University

Affiliations / Registrations:

- NCARB
- LEED AP

Alison Vasarella, LEED AP

Project Manager

NE45 Architecture, LLC



Ali Vasarella has designed and managed a wide range of projects, including small residential remodels, doctor's office tenant improvements, and K-12 new construction and renovation, as well as being an integral part of larger higher education and commercial projects. She has successfully worked closely with homeowners, business owners, planning committees, and school boards to transform their thoughts into reality. Her professional interests include programming, graphic communication, computer modeling, and client interaction. When not at work, she enjoys spending time with her two kids and husband and being an active member of local community groups.

Relevant Experience:

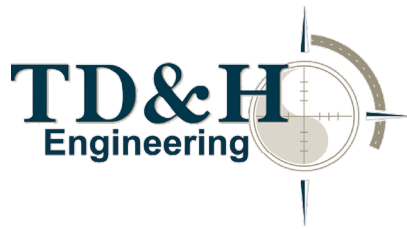
Three Forks School Renovation, Three Forks, MT
Montana State University – Jabs Hall, Bozeman, MT*
Monforton Expansion II, Bozeman, MT*
Monforton Middle School, Bozeman, MT*
Monforton Master Planning, Bozeman, MT*
Ridge View Elementary and Expansion, Belgrade, MT*
Bozeman School District-Architectural Advisor Projects (2-year term) including work on 40 projects throughout the District*

Two separate Bozeman School District-wide FCI analysis and reports*

Beaverhead High School | Dillon, MT
Great Falls High School | Great Falls, MT

* Projects completed prior to NE45

3. Qualifications



Firm Information :

TD&H Engineering
1800 River Drive North
Great Falls, MT 59401
406.761.3010
Website: tdhengengineering.com

Services:

Water Systems	Landscape
Transportation	Architecture
Structural	Surveying
Environmental	Stormwater
Geotechnical	

TD&H Engineering

Structural & Civil Engineering

Educational Planning Experience

At our Great Falls office, the team of Rodney Blake (structural), Dustin Nett (civil), Craig Nadeau (optional-geotechnical), Jana Cooper (landscape architect) and Kyle Palagi (structural) have almost 50 years of combined experience working at TD&H on hundreds of design projects. Various members of this team have been involved in design and/or master planning on these recent school projects: CMR High School Addition (Great Falls), Great Falls High School, Roosevelt School (Great Falls), Havre High School Wrestling Addition, Sunnyside Elementary School Addition (Havre), Glasgow High School, Glasgow Middle School Addition, Rocky Boy High School Addition and many other school projects throughout the State. In addition to the team members identified, our Great Falls office has dozens of other supporting engineers, drafters and staff with many years of experience in civil, geotechnical, structural, landscape, industrial hygiene, surveying, materials testing and other engineering related services. During the master planning and design phase of school projects, TD&H has also been and encourages engineering involvement in the up front scoping and planning sessions to help School Districts achieve their objectives.

In addition to TD&H being a full service civil engineering firm and having a fully certified materials lab, our knowledge and expertise within a relative close proximity to Lewistown can be a huge benefit during the design and construction phases of the District's potential school projects. Throughout our involvement in each of our past school projects, TD&H has assisted with construction services for these facilities to help assure the contractor meets or exceeds the requirements outlined in the bid documents



Firm Information :

Morrison Maierle
2880 Technology BLVD W
PO Box 1113
Bozeman, MT 59771
Ph: 406.587.0721
Website: www.m-m.net

Services:

Energy Modeling and Analysis
Structural Engineering
Mechanical Engineering
Electrical Engineering
Plumbing Engineering
Civil Engineering
Fire Suppression

MMI Engineering

Mechanical, Electrical & Plumbing Engineering

Educational Planning Experience

The Buildings group at Morrison Maierle has a combined 202 years of experience in assessing and updating to the newest technology the mechanical, electrical and plumbing systems within existing buildings of all ages and conditions. Our experience in assessing a multitude of building types includes, but is not limited to, K-12, Higher Education, Commercial, Industrial and Residential. By reviewing existing drawings and conducting on-site visits, MEP system assessments comprise evaluating the systems functionality, remaining usable life, current code compliance and the ability or limitations to modify the systems to meet the Owner's needs.

We approach project pricing by looking at all aspects of the project that include but are not limited to existing conditions, current market conditions and historical project bids of over 40 school projects done in house in the last 8 years.

3. Qualifications

Optional Consultants Based on Project/Clients Needs



C & N Consultants, Inc.
Construction Cost Consultants

Firm Information :

C & N Consultants, Inc.
105 South Main Street, Suite 300A
Seattle, WA 98104
206.830.0543
Website: cnconsultants.org

C & N Consultants, Inc.

Construction Costing

Our company that specializes in construction cost management, cost estimating, value engineering, cost monitoring and construction litigation. We understand that our success is directly linked to our customers' satisfaction. With our expertise and team-oriented approach, our goal is to provide a thorough and comprehensive service which reflects full understanding of our clients' needs and requirements.



Firm Information :

H-C Design & Consulting
614 Ferguson Avenue, Ste. 1
Bozeman, Montana 59718
406.522.7700
Website: h-cdesign.com

H-C Design & Consulting

Food Service

At H-C Design & Consulting, we provide modern design and consulting services to all food service enterprises. Our innovative design solutions integrate energy and operational efficiencies to provide the greatest opportunity for reduced total operational costs throughout the equipments life-cycle within the facility.



Firm Information :

Environmental Solutions, LLC
PO Box 7010
Bozeman MT 59771-7010
406.579.1441
Website: esmontana.com

Environmental Solutions, LLC

Environmental Health & Safety-Risk Management

Environmental Solutions was founded in 2001 on the premise of providing industry leading Industrial Hygiene, Safety, and Environmental services. Environmental Solutions focuses on Industrial Hygiene, Environment, Health, Safety, Quality, and Risk Management into a unique service package for organizations. By providing solid, feet-on-the-ground evaluations and services related to EHS Compliance and risk evaluation.



Firm Information :

Pinnacle Consulting Group, Inc.
114 Avenue "C", Suite 102
Snohomish, WA 98290
360.563.7414
Website: pinnaclegrp.com

Pinnacle Consulting Group, Inc.

Industrial Engineering Consultants & Facility Planners

The Pinnacle Consulting Group, Inc. is an Industrial Planning Corporation specializing in facilities and operations planning, systems design, standards, and implementation services. Our approach is to provide expertise, tools, support, and implementation services to our clients.



Firm Information :

PlaDesigns
5285 NE Elam Young Pkwy, Ste B500
Hillsboro, OR 97124
503.642.2168
Website: pladesigns.com

PlaDesigns

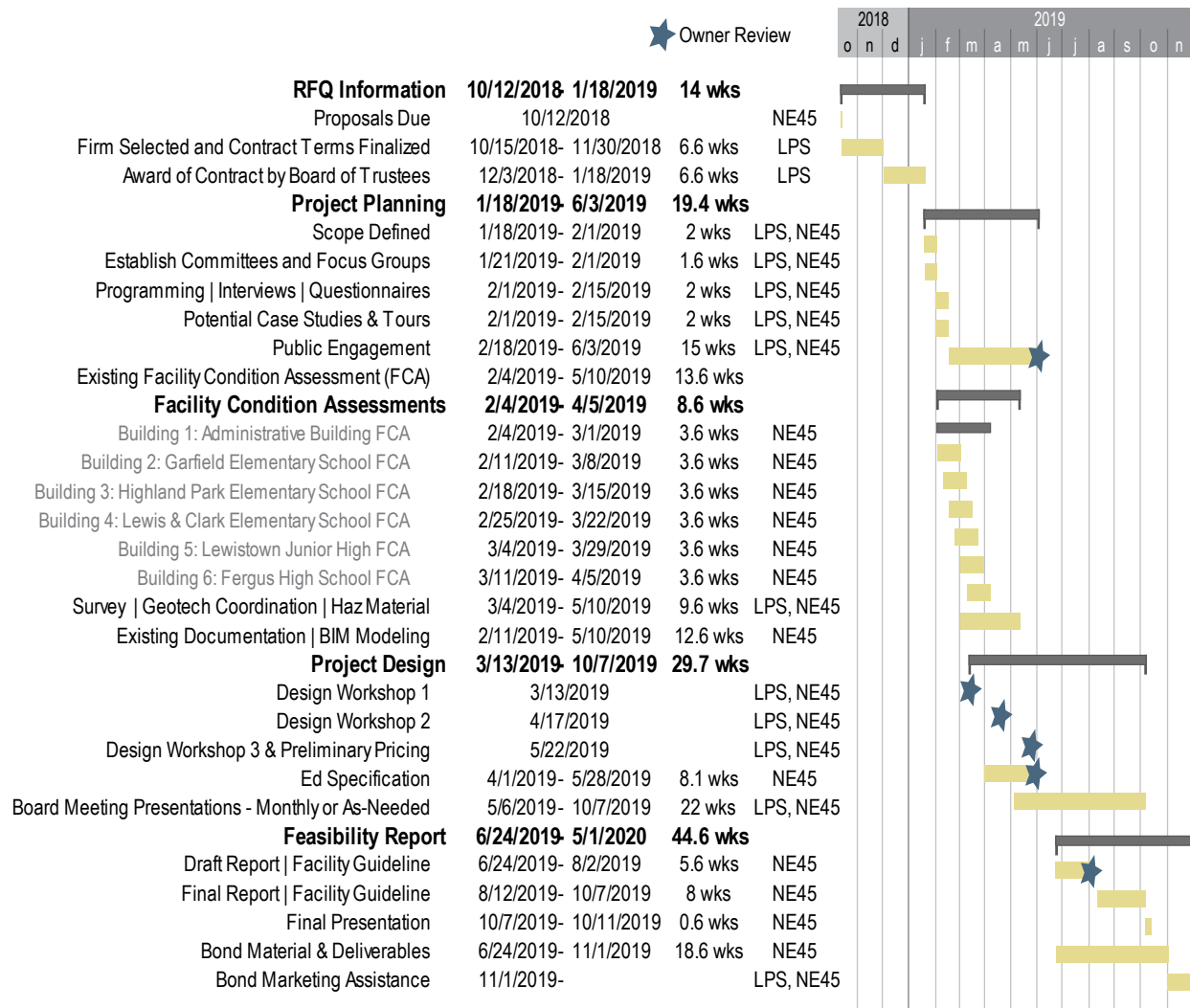
Acoustic/ Theatre Planners & Lighting Consultant

PLA Designs, Inc is national in scope, providing awardwinning consulting, planning, and design services since 1987, for the following facility types and technical systems: assembly, educational, worship, performance, themed and public spaces. PLA Designs is committed to the design of practical and creative illumination, technical and environmental systems, supportive of the human experience.

4. Project Approach

SECTION 4

Preliminary Project Schedule & Key Milestones



4. Project Approach

Project Approach - Collaborative Engagement Process

Team Building

From the beginning NE45 builds a team of architects, engineers, and consultants, each with the established skill set and specific experience required to successfully integrate the district's needs and ideals into the project. Team building is a vital component in the process. It serves to unify and motivate all of the individuals and entities toward common goals. An interactive process that includes key members of the school district community helps us create a project approach that reflects the priorities and culture of the district. We work closely with the district prior to the commencement of the project to determine their desired make-up of the project committee, typically involving the school board, administrators, faculty, staff, and students working with the design team to build the consensus that establishes the project's direction.

Strategies for Communication

Communication takes many forms. From one-on-one interaction to workshops to large community presentations, we have developed the skills necessary to truly listen and hear our client's needs and wants, as well as to effectively express our own ideas and design concepts. In every aspect of the services we provide, from programming to graphics to e-mails, bid packages, presentations, etc., we convey the information you need and want to know in the most efficient and understandable manner.

With NE45, communication is at the core of our design philosophy. Our ability to listen enables us to hear even the most subtle differences clients have in terms of needs, desires, and budgets. These factors, combined with responding to the unique qualities of each project and site, have resulted in the marked variety of our facility design solutions. We promote an interactive process with the participation of decision makers, members of the community and those who will use the facilities. NE45 believes that successful projects are only possible with good communication among all project team members.

Communication with the Owner

Good communication includes good listening. We will listen to your goals, aspirations, expectations and needs. We want to understand what you need to be successful. We also will convey the knowledge we possess from previous experience and challenge your thinking. The goal is to not just meet current needs, but to strongly position you for the future.

Communication with the Community

There are few public projects in which the community has such a vested interest as school facilities. A school construction project directly impacts tax dollars, adds property value, and will ultimately impact the future success of the community and its children. We have learned that positive interaction and thorough communication with the community is vital for a smooth process. We are experienced at presenting the right information in the correct manner to promote understanding and support.

Communication with Consultants

The importance of consultant coordination cannot be overstressed. Regularly scheduled meetings will also be held to assure a high level of coordinated effort. In addition, only well-informed team members can make project-appropriate decisions. The identification of appropriate format and forum for information and its timely distribution contribute to good communications.

Planning Process

The programming and planning process represents the heart of the consensus building process. In part, it is the process of collecting and managing all the critical information needed to clearly articulate to the community and to the design team what the design must accomplish to succeed. While the process outlined below represents our understanding of the needs for your project, the first step in our process is to discuss with senior administrators, in detail, the process itself. We call this process planning. Through these initial conversations the precise process (and schedule) will be finalized. The product, or deliverable, of the consensus building/programming process is a summarizing document called The Facility Design Guidelines (described in detail below). This document becomes the cornerstone for the design phases to follow and clearly organizes not only all the factual data needed by the design team, but also articulates the needs, hopes, dreams and desires of the community.

4. Project Approach

The Planning Committees

A vital component of the NE45 team planning approach is the client's role on the planning committees. At the beginning of the project our team will work with your District to assemble two planning committees comprised of stakeholders in the building project. The first and initial committee to be formed is the project's Executive Committee. The Executive Committee is the team charged with project oversight and is directly involved with the Planning Team in developing a calendar of Workshop Committee workshop sessions, providing an understanding of critical project issues and project history, and establishing the project goals. We suggest that this committee be made up of key administrators as well as the planning team members submitted in our proposal. We also recommend that a Board of Education member (or two) is also included as a liaison to the Board of Education. The second committee to be formed will be the Workshop Committee. This will be the committee that participates in a series of workshops (described below) designed to develop a facility solution for the District and build community consensus. The Executive Committee will also be members of the Workshop Committee and will invite the District's constituents, including administrators, faculty, staff, students, parents and community members, to participate as members of the Workshop Committee. Workshop Committee members establish a project's team dynamic, operates by consensus, and serves as project ambassadors who bring the Workshop Committee decisions to the larger community of the District's constituents.

Planning Workshops

The Workshop Committee will be led through a series of workshops designed to develop a facility solution and build community consensus. During the workshops, the committee will explore planning models that carefully evaluate educational goals and space requirements as well as site strategies. Each workshop focuses on articulating, through small and large group discussions, the school facility goals as they relate to its educational mission. These planning workshops are a critical and vital component of a successful planning process. Outlined below is a suggested workshop process that the Planning Team would propose. The workshop format generally consists of initial presentations made by the Planning Team on various related topics and small group work sessions that allow specific topics to be explored in greater detail. The smaller groups will be asked to present their findings back to the whole group for discussion and consensus. A similar format would be used for most workshops. The Planning Team will rely on the District to provide adequate space and refreshments during the workshop meetings. While the Planning Team is confident that the process outlined below will yield the expected result, mid-course redirections do sometimes occur. Should the outcome of a particular workshop require a reassessment of the agenda of a future workshop we will consult with the District regarding such changes. All workshops are contemplated to be two days in length.

Workshop One: Looking to the Future

To get the first workshop underway we will allow all participants a chance to briefly introduce themselves and say a few words about themselves. During the first workshop session, Planning Team members will prepare and present to the Workshop Committee on current societal, economic and workforce trends and their impact on educational facility design. This is a chance for the District's constituents to evaluate what other schools around the country and internationally are doing as well as the direction of 21st century educational facility design. By breaking into smaller groups, during the workshop session, the Workshop Committee will try to answer such questions as, "What will our students be doing in 2020, 2030, and 2040? Staff? Parents? What impact is technology having on the educational process? How does your school currently work and how can we make it better? We will also prepare/deliver a presentation on the impact that facilities have on learning. It is during this time that the Workshop Committee explores the many critical and salient issues that will inform the vision/foundation upon which important space and planning decisions are based and made. Certainly among these is how to design a flexible and responsive 21st Century learning environment that supports an active, engaged and innovative community of learners – now and in the future. Another large group activity designed to aid the Planning Team in better understanding the Workshop Committee's goals for the project is an exercise we call "Visual Listening". Here we quite literally cover a wall with a range of images representing ideas about space (color, light, texture, etc.) to ideas about collaboration, ideas about space types (informal and formal), etc. The notion here is to allow the committee to spend a few minutes to contemplate what these types of ideas might represent in their school and determine if an idea worthy of discussion by "voting" -- placing one of their five dots on that image. It is very interesting to see where dots coalesce and to understand via committee explanations why. We find this exercise gives participants, who may not have the training to discuss spatial ideas, the means to express themselves in a representational manner. The exercise is fun and engaging and the Planning Team always learns about characteristics of the school that will be important to the Workshop Committee. To assist the Workshop Committee grapple with

4. Project Approach

the complexities of modern schools, the NE45 team will prepare and deliver a presentation on the seven planning areas. These planning areas (student learning areas, administration, community and stakeholder, media center, fitness and wellness, visual and performing arts, facility services) provide a framework to break a large facility into its constituent parts and allow for more in-depth analysis of functional relationships. Once the Workshop Committee understands these planning areas and sees how other similar schools have creatively planned these areas, they will be asked to break into small groups to provide commentary on a series of questions related to these planning areas for the school. The results of this analysis will be presented at Workshop Two. This information is not intended to be a final solution but rather the basis for a lively discussion regarding these program areas. The expected outcome of this workshop is for the Committee to articulate the goals and desires for the project and for the Planning Team to gain a general understanding of the key programmatic components and relationships for the school.

Workshop Two: Facility Space Programming

The second workshop begins with a review of the issues raised and conclusions reached during the first workshop as well as a reaffirmation of expressed project vision and goals. During this workshop, the planning process grounds the discussion in more detail as the planning team outlines project parameters (size, budget, anticipated project schedule, etc.) and focuses on school capacity, classroom counts and school scheduling. Based on the results of Workshop One, the Planning Team will present a draft “accounting” of spaces for the entire school. Organized into small groups (one planning area per group) the committee will be asked to provide feedback and commentary on the draft of spaces to allow the Planning Team to make further refinements (what is missing, what is there that shouldn’t be, etc.). This will provide initial feedback to the Planning Team to allow for a first round of edits to the space program. Following this exercise, the Workshop Committee will then focus their efforts, again via small groups, on generating functional relationship diagrams for their planning areas. In other words – how do the spaces within an individual planning area relate to each other? The small groups will also be asked to comment on how their planning area should relate to each of the six other planning areas. The goal of this workshop is to sensitize the entire group to issues facing the school and to allow for the generation of initial solutions to emerge. The NE45 team will take the findings of this workshop and develop more detailed and scaled diagrammatic options that will be presented at workshop three. As the final step of this workshop we will work with the committee to prepare and bring consensus around an evaluation matrix by which all options will be judged. This matrix might include items such as: “aligns and supports school mission,” “provides flexible and agile learning spaces,” “celebrates the arts,” “provides safe and secure learning environment,” “represents best long-term investment of tax-payer dollars,” etc. This will be an invaluable tool that focuses committee member’s attention on the critical issues that will drive an option selection. It will also help to bring consensus to the decision making process. Having this completed during workshop two will provide the necessary time to create the digital web-based audience participation poll to be used during workshop three. We will summarize our findings and prepare the committee for the third and final workshop.

Workshop Three: Final Program/ Options Review + Selection

Similar to the second workshop, the third workshop begins with a review of the issues raised and conclusions reached during the previous workshop. The Workshop Committee then turns its attention to a detailed presentation of the space program that was the result of the second workshop. A discussion follows with the intent of making the necessary adjustments to align the final program with the required types and numbers of spaces, their relationship to each other, and their relationship with other major planning areas. The planning team will then deliver a presentation on the options that have been developed. Presentation materials will include clear and understandable site planning and building planning diagrams, massing models, design sketches and other graphic means to articulate the intent of each design. Workshop Committee members will see their ideas from previous workshops represented and they will be provided the opportunity to ask questions and offer comments/suggestions for improvement. An order-of-magnitude cost model will also be provided for options to allow committee members to understand the value equation before them. As a result of the Planning Team’s facilitation of each planning workshop, the final building program and site master plan is created with the consensus of all key stakeholder representatives. By achieving consensus during the planning workshops, the Workshop Committee members can serve as knowledgeable project ambassadors who understand the process and the end result of the planning workshops. The project ambassadors can then work with the school administration to help other constituents understand the direction of the project. The deliverable for the culmination of the process is a detailed Facility Design Guideline that clearly articulates all of the decisions made during the planning workshops and successfully communicates this information to architects, the school community and the future users of the facilities.

4. Project Approach

Schedule

Typically, workshops are scheduled at three to four week intervals to allow the Workshop Committee adequate time to digest information and contemplate how to best incorporate best practices.

Meeting Deadlines

We take deadlines very seriously and we insist this view is held by all team members. We understand our role in the chain of events common to all development projects and how critical dates must be maintained throughout the process to result in a successful outcome.

Facility Design Guideline

Based on our understanding of the variety of people who will read a planning document, NE45 has developed a user friendly report format that provides all information in a clear, concise and detailed manner. From architects to community stakeholders, the NE45 planning documents are easily comprehended. In a clearly organized binder, the document presents information on the program requirements by academic area including spatial and relationship diagrams. The pages can be easily updated to reflect future user needs, changes in educational mission or new state design guidelines. The facility guideline will provide the District with a living document of program requirements. This document can be used by the school, architect and consultants to insure a comprehensive understanding of the school's program and design intent. The document also serves as a constant reference for any future design work the school may undertake. The facility guideline will also serve as a useful tool for more "public" presentations and for public understanding of the scope of projects. The binder is a tangible end product of the thoughts, ideas and spaces needed to develop the truly dynamic intellectual environment offered by the school.

Tour of Similar Facilities & Case Studies

The NE45 team encourages and facilitates tours of similar facilities with key members of the District project committee to experience new educational environments and instructional settings. This tangible experience provides insight into conceptual instructional pedagogy. The tours help formulate design solutions by experiencing a variety of spaces and environments, and explore alternative opportunities. These tours also aid the design process in identifying and avoiding shortcomings, while strengthening and improving upon the positive elements within the design solution. For instance the ability to create learning centers and project based learning environments can be realized in a variety of different design approaches.

Existing Building Assessments/ As-Built Drawings

Our team believes it's important to know in detail the physical characteristics and structural elements of each building we'll be renovating/ remodeling. Even if you are able to get a copy of the original blueprints, those drawings might not reflect the final design intent compared to the current existing conditions of your building. Obtaining accurate as-built drawings is a critical first step for the design and remodel process. The measured drawings will assist our team to design the program, budget and determine quantities before we begin design options.

Why NE45 - Hallmarks of our Approach

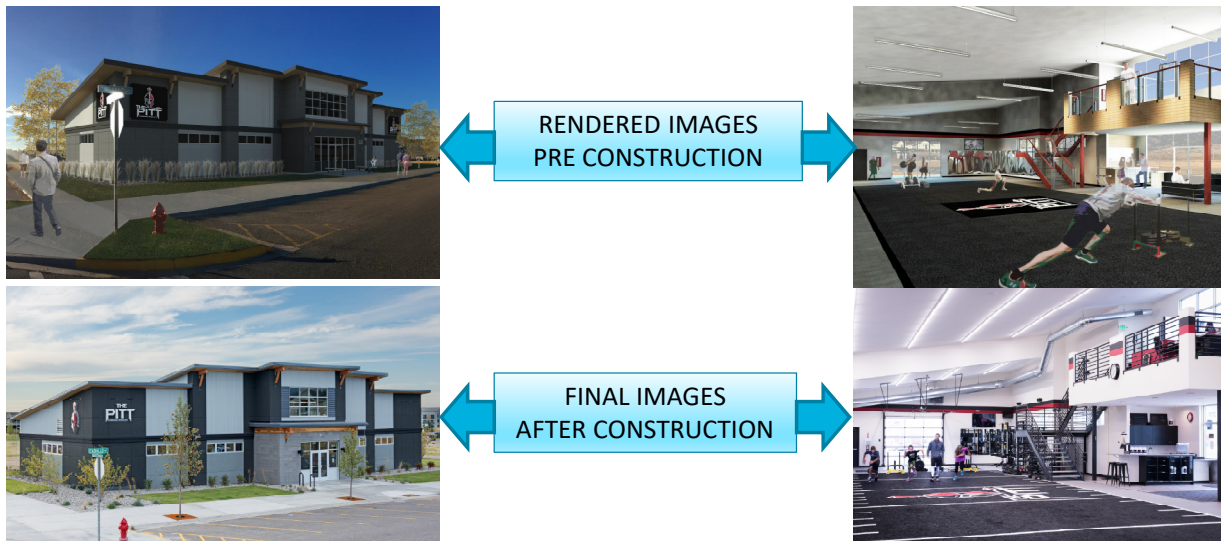
Experience | Team Building | Collaborative | Communication | Planning | Deliverables | Budget Management | Time Management | Quality Assurance

The success of an education project is largely determined by its process. The process sets the tone and foundation for addressing the needs of the users, finding economical and creative solutions based on those needs, and designing an educational environment that promotes the client's educational goals and ideals.

NE45's entire management approach is focused on fulfilling the client and community's program within their budget and on schedule. Before any line is drawn our team engages in a thorough process planning effort to establish a common set of goals and objectives for all phases of the project. This planning process is done with the client and is customized to meet the needs of the school district and the particular project.

4. Project Approach

Graphics/ Rendered Images - Experience Your Design Options Pre-Bond



The Pitt Training Facility | Bozeman, MT

VR Capabilities - Experience Your Design Options Pre-Bond

STEPS TO VIRTUAL REALITY IN YOUR PROJECT:

Step 1:

Purchase "Google Cardboard" Head Mounted Display or (HMD) available off of amazon.com or easily supplied by NE45 Architecture.

Step 2:

Assemble "Google Cardboard" Head Mounted Display with elastic and foam as needed.

Step 3:

Click on a link provided by NE45 Architecture to view on your mobile device.

Step 4:

Place phone in location shown on directions and hold HMD up as shown for a full virtual experience of your NE45 Architecture project.

Step 5:

Enjoy and explore your project and share your experience with others.



5. Experience

SECTION

5

Great Falls High School | Great Falls, MT



NE45 Project Name:

Great Falls High School

Owner Name:

Great Falls Public Schools
Great Falls, MT

Project Reference:

Tom Moore-Assistant Superintendent-
Secondary
Great Falls Public Schools
1100 4th St South
Great Falls, Montana 59403
406-268-6008-office
Email: tom_moore@gfps.k12.mt.us

Services Provided:

Visioning, Planning, Programming, Interiors,
Graphics, Architectural, upgrades/ expansion,
full services

Size of Project in Square Feet:

100,000 SF (New)
+/-170,000 SF (Renovation)

Project Cost:

\$37 Million

Completion Date:

2020

Relative Project:

#1



Great Falls High School Addition and Renovation

The new HUB addition serves as an indoor link between the historic building and the detached South Campus. The link addresses ADA concerns, access in inclement weather, and security concerns of having outdoor connections within the campus. A single entry is preferred to aid in control and lock down situations. The new addition will house the primary entry to the school. A new, secure, entry vestibule immediately adjacent to the administration office will provide a safe entry sequence and improved supervision over visitors entering the site.

A new student HUB will be located in the new addition. This dynamic space will accommodate food service as well as a centralized student social commons. Further uses for the HUB include: an informal presentation space for student activities, a foyer for athletic events in the gym, a center for student services, and an indoor/outdoor connection to the Lawn connecting the historic school and the stadium. The addition will house critical Career and Technical Education spaces including shops, labs and classrooms focused on supporting project based learning skills.

Last, the new HUB addition will house the major service areas of the school including: loading dock, kitchen, custodial area, boiler room and electrical room. The layout, massing, and detailing of the new addition was developed to both meet the program needs outlined above as well as reinforce the defining characteristics of the landmark campus. Primary defining characteristics of the historic school and district include the siting, architectural style, massing, materiality and cultural importance of education within the community.

The existing North and South Campus will be renovated to include upgrades to the mechanical, electrical and plumbing systems; classroom remodels; technology upgrades; and improvements to campus parking.

5. Experience

Dean Morgan Junior High School Renovation | Casper, WY

**NE45 Project Name:**

Dean Morgan Junior High School Renovation

Owner Name:

Natrona County School District
Casper, WY

Project Reference:

Dennis Bay, Executive Director
Natrona County School District #1
970 N. Glenn Road
Casper, WY 82601
307.253.5200

Services Provided:

Planning, Programming, architectural design,
construction, administration

Size of Project in Square Feet:

172,000 sf

Project Cost:

\$16 Million

Completion Date:

2016

Relative Project:

#2

**Dean Morgan Junior High School Renovation**

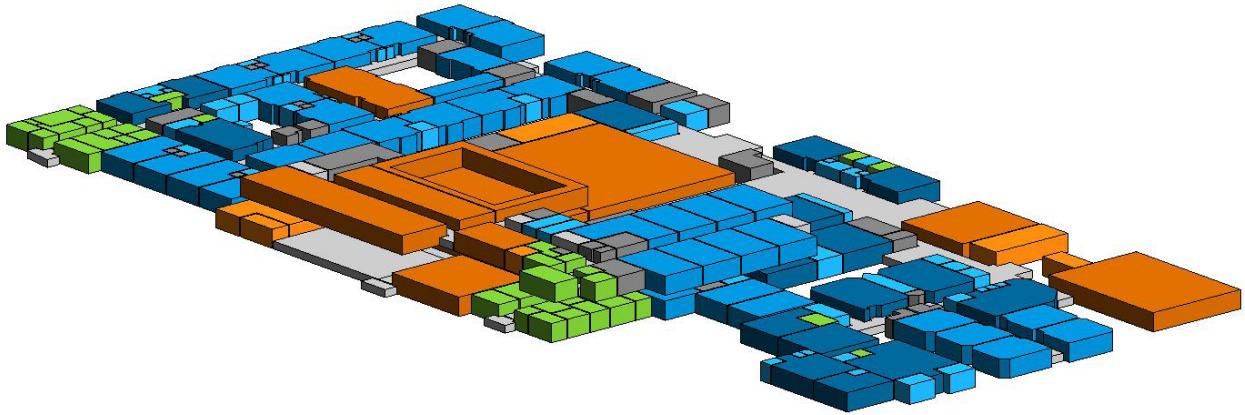
Dean Morgan Junior High School is a 172,000 square foot, two story historic school that houses 850 students in grades 6 through 8. The HISTORICAL building was constructed in the early 1940's, with an addition in the mid 1960's. The building structure was in relatively good shape, but the infrastructure was outdated and unable to keep up with today's learning environments and ADA requirements (one electrical outlet per wall; no A/C; poor lighting, etc.). Since the school is located in a downtown neighborhood and essentially landlocked, students had to cross a city street to get to the playground and playing fields, which was extremely dangerous, so security and student safety were THE most important factors in the planning process and elements were put into place in the planning documents that addressed these security and safety issues.

Another factor in the project was that the school needed to remain open during construction, and the project scope and budget restrictions did not allow for all of the construction work to be performed during the summers. Ron put into place a phasing schedule that took into account the amount of money available at certain times of the year, the work to be performed in each phase, and a schedule for each phase that also included learning spaces that were to be evacuated during the phasing and options for using other areas of the building to accept the students (and administration) that were to be displaced during construction.

*Work done while with MOA Architecture as a Principal and Project Manager as well as designed in collaboration with Cuninghams Group Architects.

5. Experience

Three Forks Public School Improvements | Three Forks, MT

**NE45 Project Name:**

Three Forks Public School Improvements

Owner Name:

Three Forks Public Schools
Three Forks, MT

Project Reference:

Jeff Elliott, Three Forks Superintendent
212 East Neal
Three Forks, MT 59752
406.285.3224 ext. 125

Services Provided:

Planning, PAR, Programming, architectural design,

Size of Project in Square Feet:

118,000 sf

Project Cost:

\$16 - \$20 Million

Completion Date:

2020

Relative Project:

#3

**Three Forks Public School Renovation**

The Three Forks Schools identified a goal to explore the potential for additions, renovations and upgrades to the existing building and building systems to more effectively meet the needs of Three Forks Elementary, Middle and High Schools, and the Three Forks School District Administration. The existing building is a 118,000 square foot K-12 facility, which is also the home to the School District Offices.

Through these detailed investigations it was discovered that the facility was undersized compared to size standards established by other K-12 facilities across the state of Montana, with a space deficit of approximately 47,000 square feet. NE45 will assist the district with passing a bond in the spring of 2018 after the Preliminary Architectural Report is finished.

5. Experience

Beaverhead County High School Improvements | Dillon, MT

**NE45 Project Name:**

Beaverhead County High School Improvements

Owner Name:

Natrona County School District
Casper, WY

Project Reference:

Gary Haverfield, Dillon Superintendent
104 North Pacific Street
Dillon, MT 59725
406.683.2361

Services Provided:

Planning, Programming, Feasibility, Architecture, Civil, Structural, MEP, ADA Upgrades and Elevator Addition, full construction documents and construction.

Size of Project in Square Feet:

34,000 sf - New Construction
14,000 sf - Renovation

Project Cost:

\$10M

Completion Date:

2020

Relative Project:

#4



Beaverhead County High School Improvements

NE45 Architecture was recently selected for updating all three buildings for Beaverhead County High School located in Dillon, MT. The project will need to meet codes, safety concerns, space constraints and improve the aging structures. These improvements will enhance the needs of the students, teachers and community.

The design for the Main Historic Building (1938) will add an accessible entrance to the front of the building, upgrade bathrooms, add a main level student commons and teacher work rooms, abandon the non-conforming partial basement and reorganize the administrative spaces/ classrooms.

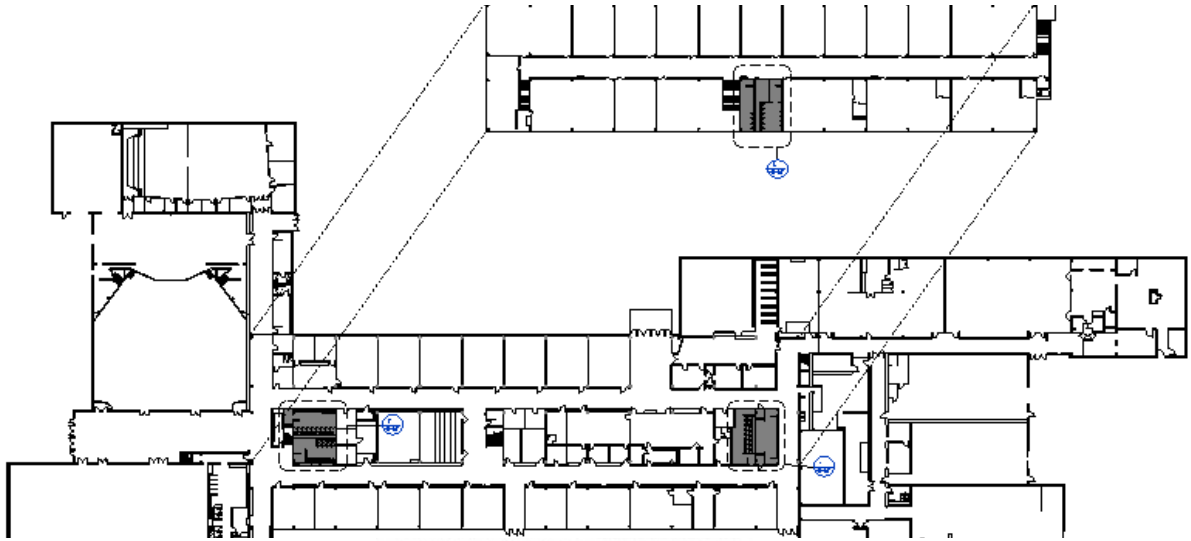
B.W. Lodge gymnasium will add a new structure to its east side including a new music facility, a multipurpose cardio/ wrestling room and a weight room. Within the existing footprint of the building, guest locker rooms, updated rest room facilities and other associated storage reorganization will be done.

The existing Vo-Ag and wood shop will be replaced with a new facilities, in addition to a connected science facility for all science classes that will share new technology, mechanical ventilation systems and a greenhouse to enhance the science and Vo-Ag programs.

Other additions to the complex include parking lots, sidewalks and a safe cross walk at Atlantive Street as well as other associated landscape features.

5. Experience

Havre High School & Lincoln McKinley Elementary School | Havre, MT

**NE45 Project Name:**

Havre High School Renovation/ and Upgrades
PAR

Owner Name:

Havre Public School District

Project Reference:

Andy Carlson, Superintendent
Havre Public School District
PO Box 7791
Havre, MT 59501
carlsona@bluepony12.com
406.265.8460

Services Provided:

Planning, Programming, Design, PAR

Size of Project in Square Feet:

Havre High School: 9,000 sf

Project Cost:

Havre High School: \$2M

Completion Date:

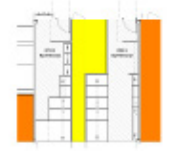
2019



W-T1 PROPOSED WEST BATHROOM LAYOUT - FIRST FLOOR



E-T2 PROPOSED EAST BATHROOM LAYOUT - FIRST FLOOR



B-T3 PROPOSED BATHROOM LAYOUT - SECOND FLOOR

Havre High School Renovation/ ADA Upgrades Preliminary Architectural Report & Project

Combined with the Lincoln McKinley Elementary School Assessment Project, Havre High School, located in northern Montana, serves 558 students accommodating 9th through 12th grade. This Preliminary Architectural Report (PAR) is intended to aid in the identification of the most feasible and cost effective solution for the development of Havre High School (HHS) to handle the upgrades and specific needs of the existing school. The study analyzes the handicapped accessibility of the toilets, the indoor air quality of the school, the utilization of existing science classroom and lab spaces, and the ability of the science classrooms and science labs to adequately serve the students of Havre High School. The PAR evaluates several options in which Havre High School can accomplish the building upgrades and needs of the District. A building condition assessment of the existing High School facility was conducted to determine necessary upgrades to the existing building and building systems for functionality and accessibility.

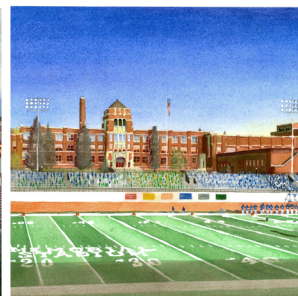
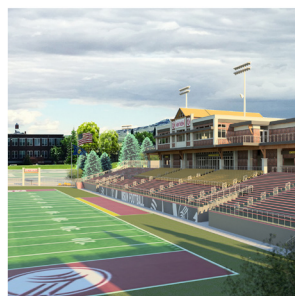
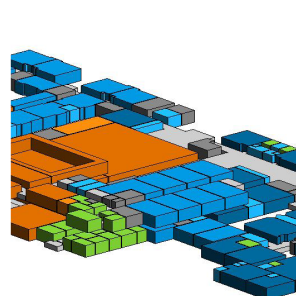
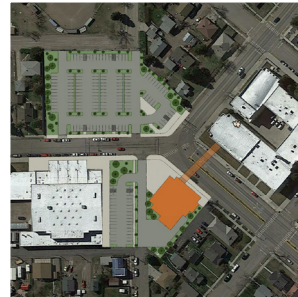
This report documents key components of the Preliminary Architectural Report, and represents a compilation of data, information and insight from a multitude of sources. The assessment and PAR was conducted with meetings between Havre Public School District administration, HHS administration and staff, and the NE45 Architecture team over a period of approximately three months.

Our team is currently working on the Construction Documents for the Havre High School Project and construction is scheduled to start spring of 2019.

Relative Project:

#5

Thank you for your consideration and we
look forward to working with you.



LEWISTOWN PUBLIC SCHOOLS
Lewistown, Montana

BOARD AGENDA ITEM

Meeting Date

11/15/2018

Agenda Item No.

5

☐ Minutes/Claims ☒ Board of Trustees ☐ Superintendent's Report ☐ Action - Consent
☐ Action - Indiv.

ITEM TITLE: INTERVIEW—SMA Architect Firm

Requested By: Board of Trustees **Prepared By:** Thom Peck

SUMMARY:

The Board of Trustees will conduct an interview with SMA Architects for the purposes of facility planning and a potential bond initiative.

SUGGESTED ACTION: Informational

☒ **Additional Information Attached**

NOTES:

Lewistown Public Schools | Statement of Qualifications

Educational Facility Planning Services & Pre-Bond Information



October 12, 2018

Lewistown Public Schools
Attention: Thom Peck, Superintendent
215 7th Avenue South
Lewistown, MT 59457

Re: Statement of Qualifications: Educational Facility Planning Services & Pre-Bond Information

Dear Thom and Selection Committee:

Helena
920 Front Street, Suite 101
Helena, MT 59601
phone: 406.442.4933

Bozeman
109 E. Oak St., Suite 2E
Bozeman, MT 59715
406.219.2216

www.architects-sma.com

primary contact:

Klint Fisher, AIA, NCARB
Principal | Director-Helena
SMA Architects
klintf@architects-sma.com

First, please accept our sincerest thank you for spending so much time with us touring your great schools on September 26th. We thoroughly enjoyed our time with you and it was a really great to familiarize ourselves with your objectives for the bond. While the challenges you are witnessing in your facilities may seem overwhelming, rest assured you are not alone in this feeling. Many school districts in Montana are facing these same challenges. What is clearly evident is the palpable community pride in your District's buildings! Your Junior High School may be one of the most beautiful schools in the state. As we discussed during our tour, it has a great sense of community and a very well designed active and engaged feeling. While it faces security, science lab and site constraint challenges, we are confident they can be overcome while respecting the historic building. Your High School has one of the most incredible community performance spaces in the state! We will investigate the security challenges faced in the High School as well as creating smart and beautiful solutions to the exterior drainage and icicle challenges. The High School site has great opportunities for future additions to bolster the academic spaces already within the facility. We enjoyed the community atmosphere we experienced at the Elementary Schools and are confident that safety, security and infrastructure upgrades can be developed to enhance that sense of community and provide safe, comfortable and efficient schools for generations to come.

Based on our visit to Garfield Elementary, Highland Park Elementary, Lewis and Clark Elementary, Lewistown Junior High, and Fergus High Schools, it's evident your current facilities have served the community well for decades, however, upgrades are required for those schools to meet the your goals for the future. **Safety and Security upgrades** at all schools are critical to providing students and staff with a safe educational environment. Expansion and upgrades of educational spaces to **21st Century Learning standards** will adequately prepare graduates with skills for their future in a competitive world. **Infrastructure upgrades** at all facilities will ensure that the buildings serve the community effectively and efficiently for decades to come.

We are eager to work with the Lewistown School District and Community to assist in the evaluation, planning, programming and ultimate design of your educational facilities in support of a bond measure. Our team of passionate thinkers and doers will listen to your vision and realize it in a thoughtful community design. Over the last several years, our proposed team has had the privilege to partner with several school districts to develop and deliver on a community vision for their schools' future.

SMA Architects, DCI Engineers, MKK Consulting Engineers (now IMEG) and Robert Peccia and Associates (RPA) are excited to partner with Lewistown Public Schools in order to fulfill the vision for your school facilities. Our proposed team is familiar with the complex factors inherent to the evaluation, planning, programming, pre-bond support, design and construction of school projects. We understand and embrace the communication, community outreach, and facilitation needed to make a bond effort successful. Our team's exceptional experience in educational planning, educational specifications, school design and successful project delivery will be critical to the project's success. This pre-bond planning effort will give Lewistown School District the information needed to make this important investment in your community's future viable and we will provide the highest level of support and experience, making us a valuable partner during every step of the process.

Our team has an exceptional track record of collaborating on education projects and is committed to the success of this project from the evaluation of your existing facilities, through programming, to a successful bond passage and beyond. Our experience delivering projects on time and on budget while exceeding client's expectations is second to none. Each of our proposed team members have the availability to commit to your time line. With our resources, team capacity, and experience, we give you our promise to make this dream a reality in 2020.

We believe you will find the SMA team to be the perfect fit for Lewistown Public Schools, and we look forward to sharing our enthusiasm with you in person soon! Maybe we will even have time for a spirited game of Gaga Ball the next time we visit!

Sincerely,

Klint Fisher, AIA, NCARB
Principal-in-Charge
SMA Architects

Jason Davis, AIA, NCARB
Project Executive
SMA Architects



Submitting Firm & Team

ARCHITECTURE, EDUCATIONAL
PLANNING, PRE-BOND

SMA|ARCHITECTS

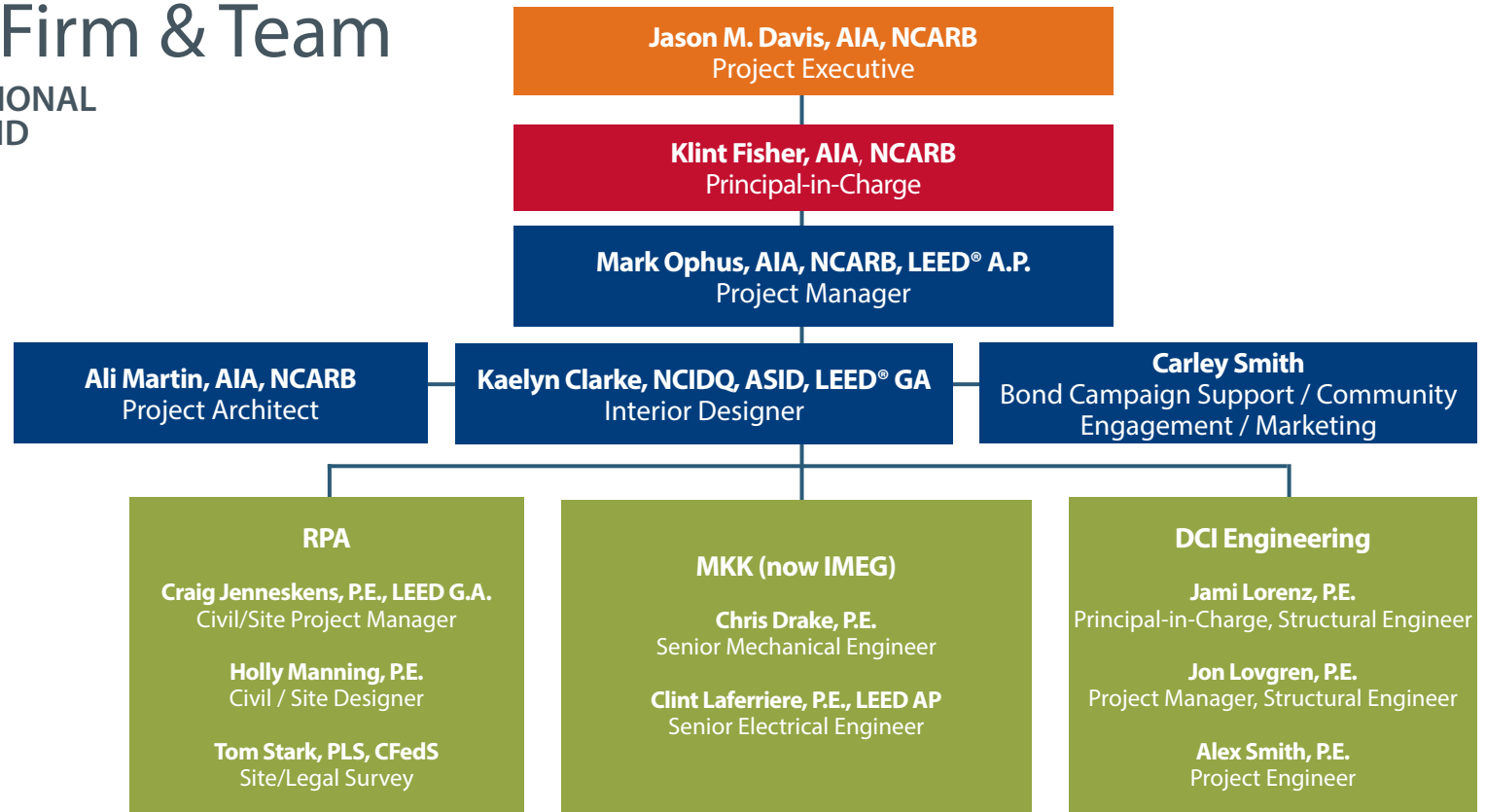
Helena
920 Front Street, Suite 101
Helena, MT 59601
phone: 406.442.4933

Bozeman
109 E. Oak St., Suite 2E
Bozeman, MT 59715
phone: 406.219.2216

www.architects-sma.com

primary contact:

Klint Fisher, AIA, NCARB
Principal | Director-Helena
SMA Architects
klintf@architects-sma.com



Consultants

SITE, CIVIL & SURVEYING



Robert Peccia & Associates Inc.
3147 Saddle Drive, PO Box 5653
Helena, MT 59601
phone: 406.447.5000

www.rpa-hln.com

primary contact:

Craig Jenneskens, P.E.
Robert Peccia & Associates
craig@rpa-hln.com

MECHANICAL, ELECTRICAL & PLUMBING



MKK (now IMEG)
920 Front Street, Suite 104
Helena, MT 59601
phone: 406.545.6421

www.imegcorp.com

primary contact:

Chris Drake, P.E.
Associate | Senior Mechanical Engineer
chris.m.drake@imegcorp.com

STRUCTURAL



DCI Engineers
1289 Stoneridge Drive
Bozeman, MT 59718
phone: 406.556.8600

www.dci-engineers.com

primary contact:

Jami Lorenz, P.E.
Principal in Charge
jlorenz@dci-engineers.com

Team Members

SMA ARCHITECTS

Name Title	Jason M. Davis, AIA, NCARB Principal Partner
Firm Name	SMA Architects
Project Responsibility:	Project Executive
Education (Degree/ Year):	Montana State University, Masters of Architecture, 2004 Montana State University, Bachelor of Arts in Environmental Design, 2003
Active registration:	State of Montana, LIC# 3114 NCARB, 2009 State of Wyoming, 2013 Montana Asbestos Inspector, 2015

Experience & Qualifications Relevant to This Project:	<p>As a principal & managing partner in SMA Architects, P.C., Jason is involved with all projects and business matters in the practice. He has been principal-in-charge of a multitude of projects including large and small scale educational facilities, corporate office buildings, historic preservation, health care and medical facilities. Jason has a broad experience working with both state and county government agencies, including his involvement with the design of MSU's newest residence halls (Gallatin and Yellowstone Halls), and the successful completion of several Preliminary Architectural Reports (PAR) for Community Development Block Grants (CDBG) and other grant applications. Jason is currently leading the design for MSU's newest residence hall.</p> <p>In addition to his involvement in the practice, he has maintained an interest and involvement in community service including sitting as a Commissioner of the Montana Heritage Commission, treasurer for the Helena Area Chamber of Commerce, a member of the Tri-County Area Special Olympics Management Team, Helena Chamber of Commerce Board of Directors and the former Chairman for the City of Helena Zoning Board of Adjustment as well as a former member of the Original Governor's Mansion Restoration Board.</p> <p>FEATURED PROJECT EXPERIENCE East Helena High School Pre-Bond Planning <i>East Helena, MT</i> Central Elementary School <i>Helena, MT</i> East Helena High School <i>East Helena, MT</i> Butte School District K-8 Pre-Bond Planning <i>Butte, MT</i> Butte High School Auditorium Renovation <i>Butte, MT</i> Helena High School Addition <i>Helena, MT</i> Front Street Learning Center <i>Helena, MT</i> East Helena School District Planning Report <i>East Helena, MT</i> Helena School District Long Term Vision and Strategic Planning <i>Helena, MT</i> East Valley Middle School <i>East Helena, MT</i> Mitchell Stadium Renovation Study <i>Anaconda, MT</i> Montana State University Yellowstone Hall <i>Bozeman, MT</i></p>
---	---



SMA ARCHITECTS

Name Title	Klint Fisher, AIA, NCARB Principal Director - Helena
Firm Name	SMA Architects
Project Responsibility:	Principal-in-Charge
Education (Degree/ Year):	Montana State University, Masters of Architecture, 1998 Montana State University, Bachelor of Arts in Environmental Design, 1998
Active registration:	State of Montana, LIC# 3123 NCARB, 2007 State of Washington, 2003

Experience & Qualifications Relevant to This Project:	<p>After receiving his architecture degree from Montana State University in 1998, Klint spent nine years at NAC Architecture in Spokane, WA prior to relocating to Helena in 2007. During that time, he had the great fortune to focus on K-12 educational planning and design. From elementary schools to high schools, Klint has experience on a wide variety of projects including classrooms, athletic facilities, music, performing arts and administrative space.</p> <p>Since relocating his young family to Helena in 2007, Klint has continued his involvement in educational design. Klint was the Project Manager on the Park High School project in Livingston, and has worked with East Helena School District, Butte School District, Helena School District, and Anaconda School District on their recent school planning and design projects. Klint's experience and passion for educational design would be an integral part of the team's successful delivery of your project. His experience and leadership ensure that the client's design, budget and schedule objectives for each project are achieved.</p>
---	---

FEATURED PROJECT EXPERIENCE

Butte School District K-8 Pre-Bond Planning | *Butte, MT*
East Helena High School Pre-Bond Planning | *East Helena, MT*
East Helena High School | *East Helena, MT*
Central Elementary School | *Helena, MT*
Ophir Learning Commons | *Big Sky, MT*
Butte High School Auditorium Renovation | *Butte, MT*
Front Street Learning Center | *Helena, MT*
East Helena School District Planning Report | *East Helena, MT*
Montana State University Yellowstone Hall | *Bozeman, MT*

ADDITIONAL EXPERIENCE WITH NAC ARCHITECTS AND DSArchitects

Park High School | *Livingston, MT*
University High School | *Spokane, WA*
Errol Schmidt Athletic Center | *Spokane, WA*
Shadle Park High School | *Spokane, WA*



Team Members

Name Title	Mark Ophus, AIA, LEED® A.P., NCARB Associate Architect	SMA ARCHITECTS
Firm Name	SMA Architects	
Project Responsibility:	Project Manager	
Education (Degree/ Year):	Montana State University, Master of Architecture, 2006 Montana State University, Bachelor of Arts in Environmental Design, 2005	
Active registration:	State of Montana, LIC# 3284	
Experience & Qualifications Relevant to This Project:	<p>Mark's design process involves digging into the details to determine his client's real priorities. His technical advisement is used at every opportunity at SMA, assisting in developing the appropriate methods for communicating a design clearly at all phases from concept through construction.</p> <p>Mark's nine years of architectural experience overseeing and assisting in projects from concept to completion includes large and small scale commercial, residential, mixed-use, medical, community, and educational projects. As an architect, he brings a strong graphic and detail-oriented focus and architectural support to SMA Architects. Having spent the first years of his career in the Seattle area assisting in single- and low-income-residential projects to multi-tenant commercial, financial, medical, and light-industrial projects. In 2011, he moved back to his home state of Montana and began work in Helena, adding to his experience a collection of larger-scale commercial, municipal, dental, military, and multi-family residential projects.</p> <p>FEATURED PROJECT EXPERIENCE East Helena High School Pre-Bond Planning <i>East Helena, MT</i> Butte K-8 School District Pre-Bond Planning <i>Butte, MT</i> East Helena High School <i>East Helena, MT</i> Central Elementary School <i>Helena, MT</i> Helena Aviation Readiness Center <i>Helena, MT</i> Robert Peccia & Associates Headquarters <i>Helena, MT</i> BlueCross and BlueShield of MT Headquarters <i>Helena, MT</i> Old State Liquor Warehouse Adaptive Reuse <i>Helena, MT</i> Robert Peccia & Associates Headquarters Office Building <i>Helena, MT</i> MT Implants and Perio <i>Helena, MT</i> Malta Readiness Center <i>Malta, MT</i></p>	



Name Title	Carley Smith Marketing Coordinator	SMA ARCHITECTS
Firm Name	SMA Architects	
Project Responsibility:	Marketing Coordinator / Community Outreach	
Education (Degree/ Year):	Montana State University, Bachelors of Fine Arts, 2012 University of Victoria, Masters of Fine Arts, 2014 Content Marketing Certification, 2017 Society for Marketing Professional Services Member, 2017-Present	
Experience & Qualifications Relevant to This Project:	<p>With experience ranging from educational graphic design to event marketing and branding, Carley's array of skills will ensure a successful bond campaign to maintain community interest in the progress of Lewistown School District's design, bond proposal, and election. Her involvement with East Helena Public Schools and Butte School District in their Pre-Bond Planning and Programming efforts, as well as Helena's Central Elementary School provides her with an in-depth knowledge of how to connect with the public, engage them in the process, and how to reach them effectively with information critical to a successful bond passage.</p> <p>Carley brings many years of marketing, communication and graphic design experience. In Montana, she has completed marketing and graphics projects for the Holter Museum of Art of Helena, AAA MountainWest and Montana Optometric Association, to name a few. Recently, she partnered with Bike Walk Montana and AAA to educate elementary-aged children across schools in Montana with a bookmark contest focused on safely walking and biking to school.</p> <p>FEATURED PROJECT EXPERIENCE East Helena High School Pre-Bond Planning <i>East Helena, MT</i> Butte School District K-8 Pre-Bond Planning <i>Butte, MT</i> East Helena High School <i>East Helena, MT</i> Central Elementary School Pre-Bond Support <i>Helena, MT</i> Central Elementary School <i>Helena, MT</i></p>	



Since 1981, SMA Architects has provided architectural services to civic, county, institutional, private and commercial clients throughout the intermountain west. The firm is led by Jason M. Davis, Tim Meldrum and Klint Fisher who have carried on SMA's client commitment to providing the best possible project, all while ensuring the process is enjoyable. Their renewed energy, combined with SMA's incredibly talented staff, has allowed SMA to steadily expand over the past five years, including offices in Helena and Bozeman. SMA truly believes we are in the business of not only designing great buildings, but more importantly, building relationships with our clients.

At SMA we see our goal as bringing function and beauty together in buildings that express the vision of clients. Moreover, we're committed to doing it within agreed-upon budgets and time lines. Creatively designing functional facilities to serve the people who use them is the driving force behind our practice. It is paramount to us that we are of maximum service to each client and that our ideas and solutions meet their individual needs. Our buildings are designed to move and excite the spirit of both the user and viewer while meeting the budget and enhancing the environment in which they reside. SMA would be privileged to have a chance to provide services for your project and develop a productive relationship with your team. Our firm is rich in experience and has a staff that is balanced from all aspects of architectural design and construction. We pride our work on client satisfaction and do our best to achieve the vision and goals set forth by the clients we work for. SMA's process of services is conducted with diligence and experience and with care of the project budget and needs of clients and end-users.

- **20 Staff Members**
- **17 Architecturally Trained**
- **7 Licensed Architects**
- **2 LEED® Accredited Professionals**
- **3 LEED® Green Associates**
- **1 Interior Designer**
- **1 Building Information Modeling Specialist**

Consultants

Site | Civil | Survey



In business for thirty-five years, Robert Peccia and Associates (RPA) first opened its doors in 1978 with twelve employees. The respected firm now employs over fifty individuals in three offices, and has built its award-winning reputation by providing solid technical skills in a professional, ethical and trustworthy manner.

Headquartered in Helena, Montana, with branch offices located in Kalispell, Montana, and Fort Collins, Colorado, our 100 - percent employee-owned firm has served federal, state, and municipal clients as well as private organizations throughout the United States as well as internationally!

RPA's team of professionals offer clients the most appropriate and cost-effective solution for any given challenge—from safer water systems and streets and bridges to conserving energy and protecting natural resources—we can identify appropriate choices for any situation! We work hand-in-hand with our clients to match project alternatives with available budgets. And our professionals can provide continuing support long after a project is completed.

We provide clients with a fresh, enthusiastic approach. At RPA, we believe in using the newest and most advanced tools of technology while providing old-fashioned quality and value for every dollar you spend.

Featured Staff



CRAIG JENNESKENS, P.E., LEED G.A.
Vice President
Civil / Site Project Manager



HOLLY MANNING, P.E.
Site Development
Group Project Manager
Civil/Site Designer



TOM STARK, PLS, CFEDS
Surveying/S.U.E. Group Manager
Site/Legal Survey

FEATURED PROJECT EXPERIENCE

Central Elementary School | *Helena, MT*

Bryant School | *Helena, MT*

East Helena High School Pre-Bond Planning | *East Helena, MT*

East Helena High School | *East Helena, MT*

Rossiter School Wastewater Improvements | *Helena, MT*

Warren School Water & Wastewater System Improvements | *Helena, MT*

City of Lewistown Wastewater Improvements | *Lewistown, MT*

City of Lewistown Collection System Improvements | *Lewistown, MT*

Craig Wastewater System Designs | *Craig, MT*

Triple J Investment Shop Site | *Helena, MT*

City of Miles City Preliminary Engineering Report | *Miles City, MT*

Park County Fairgrounds Wastewater Preliminary Engineering Report and Funding | *Park County, MT*

Robert Peccia & Associates (RPA) Headquarters Building | *Helena, MT*

Blue Cross Blue Shield (BCBS) Montana Headquarters | *Helena, MT*

MT DNRC Flint Creek Siphon Topographic Survey | *Phillipsburg, MT*

MT DNRC North Fork Smith River Dam | *White Sulphur Springs, MT*

Lewis & Clark County On-Call Services | *Lewis and Clark County, MT*

Consultants Structural



DCI has been providing client-focused civil and structural engineering services for almost 30 years. As the prime structural engineering team on the majority of school construction projects in the state of Montana currently, our office locations are spread up and down the West Coast, including Washington, Oregon, California and Alaska; the Mountain States of Colorado and Montana; and Texas. These fourteen offices employ over 300 engineers and technical support staff. We are licensed in all 50 states as well as many Canadian provinces. In fact, DCI's completed project portfolio extends across North and South America as well as into Asia.

Throughout our geographic growth, DCI has focused on ensuring that all of our offices remain highly connected. This connection includes sharing intellectual resources, physical resources, and workload. As a result of this close collaboration, our staff always has the assets and leverage necessary to successfully complete projects.

From the beginning, DCI's fundamental philosophy has been to provide Service, Innovation, and Value to our clients and team members.

Featured Staff



JAMI LORENZ, P.E.
Principal
Principal-in-Charge /
Structural Engineer



JON LOVGREN, P.E.
Project Manager /
Structural Engineer



ALEX SMITH, P.E.
Project Engineer

FEATURED PROJECT EXPERIENCE

BUTTE SCHOOL DISTRICT K-8 PRE-BOND
PLANNING | Butte, MT

EAST HELENA HIGH SCHOOL PRE-BOND &
DESIGN | East Helena, MT

BROADWAY BUILDING RENOVATION | Lewistown,
MT

NEW BOZEMAN HIGH SCHOOL | Bozeman, MT

SACAJAWEA MIDDLE SCHOOL ADDITION &
RENOVATION | Bozeman, MT

HAWTHORNE ELEMENTARY SCHOOL ADDITION &
RENOVATION | Bozeman, MT

CENTRAL ELEMENTARY SCHOOL | Helena, MT

HELENA PUBLIC SCHOOLS SEISMIC ASSESSMENTS
- 11 BUILDINGS | Helena, MT

MANHATTAN MIDDLE/HIGH SCHOOL ADDITION |
Manhattan, MT

MONTANA STATE UNIVERSITY - YELLOWSTONE
HALL | Bozeman, MT

HAWTHORNE ELEMENTARY SCHOOL ADDITION,
Bozeman, MT

LOCKWOOD HIGH SCHOOL, Billings, MT
SITE B OFFICE BUILDING, Bozeman, MT
VILLAGES AT THE TURN CONDOMINIUMS, Big Sky,
MT

CREATIVE ARTS COMPLEX SEISMIC RETROFIT
- MONTANA STATE UNIVERSITY, Bozeman, MT,
Montana State University
PRIMROSE SCHOOL, Minnetonka, MN

Mechanical | Electrical | Plumbing

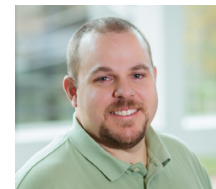


As a leader in the engineering design and consulting business, MKK has specialized in MEP/FP, architectural lighting, commissioning, energy modeling, security and sustainable design for more than 60 years.

In 2018, MKK merged with IMEG Corp. - one of the largest design consulting firms in the U.S. specializing in high-performing building systems, infrastructure, program management, and construction-related services. IMEG's global footprint consists of more than 40 offices and a deep bench of nearly 1,200 team members. Through this merger, MKK now IMEG offers expanded, full-service engineering resources with a national network of experts from various fields to assist in the design process with our project partners.

Founded originally in 1955, MKK now IMEG's strength is our willingness to collaborate and reach beyond the status quo, challenging ourselves to be thought leaders and innovators in the A/E/C industry. Dedication to our clients and a passion for preserving the environment are reflected in our mission, vision, and values.

Featured Staff



CHRIS DRAKE, P.E.
Associate
Senior Mechanical
Engineer



**CLINT LAFERRIERE, P.E.,
LEED AP**
Senior Associate
Senior Electrical Engineer

FEATURED PROJECT EXPERIENCE

Central Elementary School | Helena, MT

Elder Grove Middle School | Billings, MT (in design)

Elysian K-8 Elementary School | Billings, MT

Lambert Public Schools | Lambert, MT

Central Montana Medical Center Procedure Room
Revision | Lewistown, MT

Central Montana Medical Center Sleep Lap
Revision | Lewistown, MT

Crowley Building Assessment | Lewistown, MT

Power Mercantile Assessment | Lewistown, MT

MSU Gallatin Hall | Bozeman, MT

Big Horn School District #1 | Big Horn, WY

Sheridan County School District #1 | Sheridan, WY

Richey County School District | Richey, MT

Campbell County School District | Cheyenne, WY
Park County School District #16 | Meteteetse, WY

National Outdoor Leadership School | Lander, WY

Laramie County School District #1 | Cheyenne, WY
(Carey Junior High School, Boiler Replacement,
Sunrise Elementary School, Baggs Elementary
School, Saddle Ridge Elementary School,
Rossman Elementary School, Arp Elementary
School, Boiler Replacement, Alta Vista Elementary
Renovations, Henderson Elementary School, Boiler
Replacement, Central High School Gym Remodel)

Goshen County School District #1 | Torrington,
WY (Torrington Middle School, Torrington High
School, Boiler Replacement, Torrington High
School, Heat Pump Replacement, Lingle, Fort
Laramie High School, Boiler Replacement)

Weston County School District #1 | Newcastle, WY
Newcastle Middle School, Addition/Remodel

Project Approach

*dates are subject to verification and coordination with School District to meet project requirements. Proposed dates are projected for a November 2020 Election and will be revised for a May 2020 Election.



Our team approaches every project with a fresh, humble attitude towards learning and listening. We feel the only way to develop a successful and functional design for a client is to never stop listening. We strongly believe that Lewistown Public Schools' overall project vision is the most important voice in producing an effective solution that will position the school district for another 50+ years of educational service. The proposed process below will be tailored to exactly what you need. We will approach this as a true partnership, one of collaboration and communication, so we can establish the best possible process to lead to a successful bond.

Goals and Planning

The goals of your project are important to our team's success. As you know, project success requires teamwork, integration and strategy. Integrating as many end-users as possible into the process will prove to be a powerful design influence and your confidence in our team and the proposed solutions will be optimized. Our process will begin with several planning and programming charrettes, or collaborative sessions, visioning workshops and interviews. This comprehensive process will develop a foundation with which all design decisions will comply.

Visioning

Visioning workshops and listening sessions with key stakeholders, the faculty, staff and students of Lewistown Public Schools, the School Board of Trustees and community partners including parents and other residents will provide intimate guidance to the needs and goals of the project. We typically gather all who are designated as visioning-leaders and develop keywords, emotive images and phrases to establish a catalyst of design requirements. This process ensures that the design and resulting experience will contain a meaningful set of attributes to best reflect all that makes Lewistown's schools unique. This vision provides a foundation for all important decisions to follow, and we reference this to ensure we have not lost sight of what is important to this project. The success of the bond is greatly dependent on the approach that is set at the beginning of the project.

Community Engagement / Input

A critical component to a project such as yours is community involvement. We will setup and host many listening sessions, Q&A's, and gather feedback and insight from the community about the importance of the schools. Throughout the planning and design process, we will continue to engage the community and ensure that they have many opportunities to be heard and they voice their concerns, priorities and enthusiasm. In providing multiple platforms for involvement, the public can engage in a way that is comfortable to them from the comfort of their home or in person. Some methods we have used in the past include Facebook, news media, meetings, Q&A sessions and precedent trips.



Community Update Meeting | East Helena High School Pre-Bond

Milestone Date
October 2019

Current Program Verification

SMA will work with district administration and educators to understand current and future educational and curriculum goals. This process will also explore components of the built environment within current and future facilities that can help support those goals.

Existing Facilities and Site Analyses / Fitting

Our team will conduct a comprehensive investigation of Garfield Elementary, Highland Park Elementary, Lewis and Clark Elementary, Lewistown Junior High and Fergus High School individually. We will study the buildings and sites, in order to understand the shortcomings and potential of each, and how they will operate together into the District's overall vision for the future and growth. The report will include an analysis of each buildings' structural, mechanical, plumbing, electrical and IT systems as well as the spatial qualities of each building and site and the facility's ability to support the district's current and future education goals.

Utilization, Performance and Capacity Studies

Utilization studies will be conducted in order to determine how each school building is currently being used and how much capacity is available for future growth and development of the district's educational programs. This information will be used to determine the scope of potential renovation and additions that will be required within the scope of the bond.

Educational Specifications

Developed through an inclusive process with a wide variety of stakeholders including district administration, educators, staff, students and community members and partners, the Educations Specifications will describe district facilities that will serve the needs of students, the Lewistown School District and the community for future generations. The Educational Specifications include the spatial requirements and qualities for each of the district's proposed facilities.

Milestone Date
January 2020

Area Model & Space Diagramming

Developed as part of the Educations Specifications, the Area Model is the "recipe" for each school. It includes each required educational and support space, the number of each space required and the square footage. Together, this information is used to determine the required square footage for each building, and the district's facilities as a whole, based on the

FUNCTION	QTY	SIZE(SF)	SUBTOTAL
LIBRARY			
Open Area for Reading, Research, Study, Meetings	1	2,000	2,000
Library Workroom	1	200	200
Library Office	1	150	150
Storage	1	150	150
			2,500

The Area Model is used to develop space diagrams for each school exploring potential organization of the identified spaces into an efficient and effective layout, optimizing the space to meet the district's educational goals.

TECHNOLOGY			
Charging Cart Storage Nooks	5	10	50
			50

COMMONS AND FOOD SERVICE			
Commons/Cafeteria (includes table storage, SACC storage, Lost & Found)	1	3,000	3,000
Kitchen/Servery	1	1,000	1,000
			4,000

Ed Spec Area Model for Central Elementary School | Helena, MT

Floor plan development

Our team will work with the stakeholders to develop preliminary floor plans based on the space diagrams. The preliminary plans will further refine the spatial relationships and their integration with existing or new building systems.

Cost Estimating

Our team will work collectively with the school district, local and regional contractors and subcontractors to establish a preliminary opinion of probable cost based on historical data for similar work and local and regional market trends. This information will be used to inform the bond amount and develop the bond language for the District to submit 90 days prior to the Election.

Graphics & Renderings

Critical to the success of any bond campaign is community excitement and support. The 2-D and 3-D renderings and graphics our team will produce in support of the public bond campaign are a critical component of depicting the potential of the bond proposal and generating community excitement. These renderings will give the public, stakeholders and the District a visual understanding of what to expect if the final project was constructed.

Public Relations

Successful bond campaigns require different levels of public relations efforts and outreach. Many Districts hire Public Relations Firms to lead their bond campaign effort, while other Districts find that a grass roots effort is better suited to their community's needs and the District's resources and availability. Sometimes a combination of both a professionally led effort and a grass roots effort can accomplish a bond passage. We will help guide you towards a plan that is best suited to you and your community, and our Marketing Coordinator, Carley Smith, will provide support and experience to deliver a successful bond campaign.

Bond Campaign Collateral

Our goal is to help you educate the community with relevant, clear and useful information to assist them in making an informed decision when Election Day arrives. Through the knowledge we will develop of your existing facilities, we will educate the public on the need for the proposed upgrades and additions. We will work with you to define what is necessary in your educational bond campaign, but some collateral we can provide might include Facebook posts, trifold brochures, bond postcards, infographics, posters, boards, website materials and support and more. This effort will be highly customized and planned to rollout in a manner that builds support and enthusiasm leading up to Election Day. Our Marketing Coordinator will be a valuable teammate in ensuring the community is involved, informed, and ultimately that the bond is successful.



Current & Proposed New Science + Lab Space | East Middle School - Butte School District

Milestone Date
February 2020

Milestone Date
Aug.-Nov. 2020

East Helena High School Pre-Bond Programming & Post-Bond Design

East Helena, Montana

client

East Helena School District

location

East Helena, Montana

cost

\$29.5M (bond amount)

size

95,000-105,000 sf

completion

scheduled for Fall 2020

reference

Ron Whitmoyer
Superintendent of East Helena
School District
(406) 227-7700

SMA Architects completed pre-bond programming and planning for East Helena High School earlier this year, resulting in a successful bond. With overwhelming community support and enthusiasm for keeping their children local, the School District was given the approval to research and plan for a new high school. Since then, SMA has began the design process for the final construction of the High School, slated to open in Fall 2020.

With stakeholders, trustees, the community and the School District involved throughout, the process encompassed Ed Specs, Programming, site selection support, site planning, bond language and bond amount cost estimating, as well as marketing and campaign support. The collaboration finalized \$29.5M as a cost that will provide East Helena students with a Class A High School designed for 500-600 students. The building will have a full gym, auxiliary gym, track, fields, fitness center, grandstands and other sports facilities. Career Technical Education, STEM, fine and performing arts, culinary arts, and a full academic program with shared spaces complete the academic spaces. The building would also be equipped with a Library, Cyber Cafe and Commons area for community events.

Driven by an enthusiastic community, the design focuses on what East Helena's students and community needs, and is informed by the surrounding environment, uses economical design principals, and is efficient to operate.



Pre-Bond Rendering of East Facade | East Helena High School

Butte School District K-8

Pre-Bond Planning

Butte, Montana

client

Butte School District #1

location

Butte, Montana

cost

\$35,000,000 (bond amount)

size

150,000 sf + 6 Elementary Schools

completion

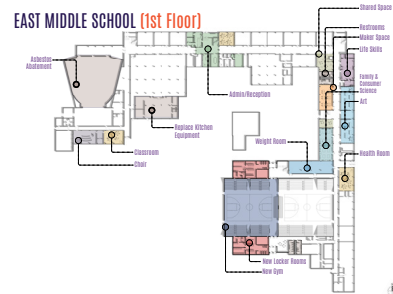
TBD

reference

Judy Jonart, Superintendent
(406) 533-2527

SMA is currently working with the Butte School District to develop preliminary plans for Butte's six elementary schools and only middle school. The pre-bond work will include security and safety upgrades to all schools, and renovations and new additions to East Middle School. Safety and security upgrades will include new notifications systems, access control and renovated vestibules to create one-point-of-entry.

The program for East Middle School includes new Science lab and instructional spaces, shared spaces for 21st Century Learning, STEM classrooms, Art, Maker Spaces, new Physical Education and a new Life Skills. Infrastructure upgrades will include new lighting, ceilings, an added fire suppression system, new Mechanical/Electrical, and asbestos abatement.



Central Elementary School (Pre & Post-Bond)

Helena, Montana

client

Helena School District

location

Helena, Montana

cost

\$14,000,000 (construction cost)

size

64,000 sf

completion

scheduled for Fall 2019

reference

Greg Upham
Former Helena Public Schools Asst. Superintendent, Current Billings Public Schools Superintendent
(406) 281-5000

SMA Architects is currently working with the Helena School District on construction administration for the new Central Elementary School, which began construction in May 2018. Multiple Pre- and Post-Bond Community Meetings were held to raise the public's awareness and seek community input to ensure the building fits into the historic neighborhood and serves the community to its fullest potential.

Central Elementary School's old building was a downtown-area school in Helena that was closed five years ago due to structural concerns. The new school will be placed similarly on the hilly site to pay respect to the site's rich history.

The new Central School will be a modern facility centered around student learning. Classroom and common spaces will be flexible and encourage collaboration and teamwork among students and educators. Both the interior and exterior environment will encourage creativity and imagination. The architecture of the new building will facilitate flexible technology and foster critical thinking and problem solving in students.



Ophir Learning Commons

Big Sky, Montana

client

Big Sky School District 72

location

Big Sky, Montana

cost

\$250,000

size

2,800 SF

completion

2016

reference

Dr. Dustin Shipman
Superintendent of the Big Sky
School District 72
(406) 995-4281

Bryan Tate

Tate Consulting
(406) 599-9648

SMA Architects worked with the Big Sky School district to finish the Ophir Learning Commons. The previously unfinished library space in the elementary school was reprogrammed to be mixed use, balancing the need for physical book storage with designated areas for storytelling, art creation, display, research and play.

The design makes reference to the area's mountains, rivers and prairie ecosystems with native finishes, colors, and forms. From the mountain peak white boards and topographic wall graphics, to the leaf shaped furniture and aspen tree display cases, everything was designed to stimulate tactility and interaction within the local context of the Big Sky area.



Ophir Technology Education Building

Big Sky, Montana

client

Big Sky School District 72

location

Big Sky, Montana

cost

\$1,500,000

size

7,400 SF

completion

TBD

reference

Dr. Dustin Shipman
Superintendent of the Big Sky
School District 72
(406) 995-4281

Bryan Tate

Tate Consulting
(406) 599-9648

SMA is currently working on an exciting new technology education center with the Ophir School District in Big Sky. Included in the project is a tech lab, computer science and robotics lab, a wood shop, a metal shop, and news production studio. Each of these spaces are designed to ensure student safety and allow unprecedented collaboration between invention, design, production, and state of the art programming. The building has been designed to seamlessly integrate into the existing Big Sky Schools Campus, yet offer the community a contemporary space for learning.



School District #1 Mission Statement:

Excellence Today, Success Tomorrow

Core Values of the Lewistown Public Schools:

1. **High Standards:** Lewistown Public Schools upholds high standards and expectations for the Board, staff and students of the district. We strive to provide challenging curriculum taught by innovative leaders in the field of education, utilizing research-based curriculum and implementing best practices.
2. **Student-Centered:** The motivation for everything we do is based upon what is right and best for the children of our community. We ensure the development, well-being and education of students through a variety of academic and extracurricular activities. We assist students in overcoming challenges and help them celebrate their successes, all as part of a plan to maximize the potential of each student.
3. **Effective and Efficient Practices:** Lewistown Public Schools is committed to effective and efficient stewardship of our resources.
4. **Accountability:** Lewistown Public Schools is accountable for all that we do from fiscal management to the performance of students, staff, administration and the Board.
5. **Community Support:** Lewistown Public Schools understands that community support is vital, earned and continually renewed through consistent dedication to quality service. We believe the key to success is found through mutual engagement of the community and the schools, effective interaction between parents, students, staff, administrators, trustees and all elements of the Lewistown Community. We value the trust the community has invested in our public schools and we strive to earn and maintain that trust.
6. **Communication:** Lewistown Public Schools values effective and open communication with parents, students, staff, trustees and the community.

LEWISTOWN PUBLIC SCHOOLS

2018-2019 SCHOOL CALENDAR

A. Pupil Instruction

First Semester						90 Days	Second Semester						89 Days
FIRST QUARTER						DAYS	THIRD QUARTER						DAYS
First Week	Aug	23	--	Aug	24	2	First Week	Jan	21	--	Jan	25	5
Second Week	Aug	27	--	Aug	31	5	Second Week	Jan	28	--	Feb	1	5
Third Week	Sept	4	--	Sept	7	4	Third Week	Feb	4	--	Feb	8	5
Fourth Week	Sept	10	--	Sept	14	5	Fourth Week	Feb	11	--	Feb	15	5
Fifth Week	Sept	17	--	Sept	21	5	Fifth Week	Feb	18	--	Feb	21	4
Sixth Week	Sept	24	--	Sept	28	5	Sixth Week	Feb	25	--	Mar	1	5
Seventh Week	Oct	1	--	Oct	5	5	Seventh Week	Mar	4	--	Mar	8	5
Eighth Week	Oct	8	--	Oct	12	5	Eighth Week	Mar	11	--	Mar	15	5
Ninth Week	Oct	15	--	Oct	17	3	Ninth Week	Mar	18	--	Mar	22	5
Tenth Week	Oct	22	--	Oct	26	5							44
						44							
SECOND QUARTER						DAYS	FOURTH QUARTER						DAYS
First Week	Oct	29	--	Nov	2	5	First Week	Mar	25	--	Mar	28	4
Second Week	Nov	5	--	Nov	7	3	Second Week	Apr	1	--	Apr	5	5
Third Week	Nov	12	--	Nov	16	5	Third Week	Apr	8	--	Apr	12	5
Fourth Week	Nov	19	--	Nov	20	2	Fourth Week	Apr	15	--	Apr	17	3
Fifth Week	Nov	26	--	Nov	30	5	Fifth Week	Apr	23	--	Apr	26	4
Sixth Week	Dec	3	--	Dec	7	5	Sixth Week	Apr	29	--	May	3	5
Seventh Week	Dec	10	--	Dec	14	5	Seventh Week	May	6	--	May	10	5
Eighth Week	Dec	17	--	Dec	21	5	Eighth Week	May	13	--	May	17	5
Ninth Week	Jan	3	--	Jan	4	2	Ninth Week	May	20	--	May	24	5
Tenth Week	Jan	7	--	Jan	11	5	Tenth Week	May	28	--	May	31	4
Eleventh Week	Jan	15	--	Jan	18	4							45
						46							
													Totals
													179

B. Pupil Instruction Related Days (PIR) - (Teachers ONLY - No School for Students)

August 21-22	PIR	2.00
October 18-19	Staff Development Days - Teachers Convention	2.00
November 7-8	Parent Teacher Conferences	1.50
<i>(Evening on Nov. 7 from 4:00-7:00 pm; All Day Nov. 8)</i>		
January 14	PIR	1.00
March 26	Parent Teacher Conferences - Evening <u>ONLY</u> (Regular Day for Students)	0.50
1 Floating PIR		1.00
		8.00

C. Holidays / Vacations (Dates Inclusive)

September 3	Labor Day
October 18-19	Fall Vacation (Teachers - Convention)
November 9	Vacation Day
November 21-23	Thanksgiving Vacation
December 24 - January 2	Winter Break
January 14	PIR (Vacation day for Students)
February 22	Vacation Day
March 29	Vacation Day
April 18, 19 & 22	Spring Break
May 27	Memorial Day