

McCarthy Area Council
Essential Community Infrastructure Funding Application

Name: Christopher Chester

Organization name: Kennicott-McCarthy Volunteer Fire Department (KMVFD)

Phone number: (907) 795-5001

Email: kmvfd@hotmail.com

Address: P.O. Box MXY #8B
Glennallen, AK 99588

Project Title: Fire Hall Funding Proposal

Project Location: KMVFD lot, McCarthy, AK

Purpose of the project: The KMVFD is looking to secure funding from multiple sources to build a fire hall to house and protect fire engines and equipment. Having a year-round heated space would be an incredible asset to our community and would ensure that our engines would be operational at all times. Currently, due to weather, KMVFD engines are only able to function from late May until early September, which leaves the community vulnerable to seven months of off-season fires. Historically, these off-season fires have resulted in significant losses to the KMVFD service area including everything from outbuildings to primary homes. A fire hall will also create a place for our local volunteers to train and for the crew and community to gather.

Describe the Health and Safety benefit to the Kennicott-McCarthy Community: (25 points)

What immediate need does it fill? The health and safety of our community are at the core of what drives the KMVFD and currently, our community is vulnerable to fires for more than half of the year. We want to bridge this gap and fulfill this immediate need by providing year-round fire protection, as well as a heated space for the community to gather or seek refuge (i.e., when waiting for a medevac in winter). Our department also wants to safeguard the area for everyone. The KMVFD benefits year-round residents, seasonal residents, and visitors alike. Through education and patrols, we have worked hard to provide essential information to ensure that anything from a warming fire to a burn barrel to a stove fire is as safe as possible.

During high fire danger, we patrol the area, watch for fires and discuss safe fire practices with visitors and throughout the year, we offer education and advice on fire safety to all. We also hold an annual FireWise Day to clear brush from local homeowners' yards in order to better protect their homes in the event of a fire. As our population and visitation continue to increase, we expect our fire response to continue to grow as well. Census Bureau data showed that the number of residents has nearly quadrupled in the last decade, from [28 in 2010 to 107 in 2020](#). When we

increase our numbers, we increase our risks. We want to have the resources to meet those risks head-on, year-round.

What are the initial benefits to the community? The initial benefits will be immediate: fire protection throughout all four seasons. As we all know, fires don't stop when the ground freezes but our trucks currently do. We want to offer a more comprehensive, year-round fire protection program, including training for our crew and a warm, safe space for our community. Every year, engines are damaged by our harsh weather conditions, despite the many hours our crew spend winterizing the vehicles. Maintaining year-round operations means our growing community is safer and our equipment lasts longer.

Are there potential long-term expansions for the project? A multi-year goal? The plan for the building consists of three phases. Phase I consists of labor and materials for groundwork and prep for the concrete slab upon which the building will sit. Phase II includes materials and labor for creating the concrete slab for the building. Phase III is the purchase of the building kit (the cost of which includes shipping, equipment accessories, extra materials, and labor for the construction of the building kit). The building itself will house four vehicles, as well as firefighting equipment and supplies. It will also hold an administrative and educational space.

Licenses obtained to complete the project (if applicable): Not applicable

Set of codes used in consideration when designing the project, for example, health and safety standards, design guidelines, building codes, etc. (if applicable): Construction will comply with all applicable state codes for health and safety.

How will project liability be covered during construction and during operation? (10 points): Construction for phases I-III will be conducted by Rowcon and Blackburn Industries and the responsibility for insurance remains with those contractors. Any volunteer work performed during that time is covered under the KMVFD's general liability insurance.

Project plan and timeline; include project drawings, maps, and/or photos (25 points):

The project plan is as follows:

Phase I: Gravel pad + winterization for heated building by David Rowland, Blackburn Industries (August/September 2022): Finished cost estimate: \$30,000

Phase II: Concrete slab by Rowcon (August/September 2022): Finished cost estimate: \$40,000

Phase III: Construction of metal building by Rowcon (TBD): Finished cost estimate: \$180,000

All construction will be new construction. The property the building will reside on is the current location of the KMVFD, which was purchased by the department in 2011 through community funding from the McCarthy Area Council.

The building plans are as

follows:



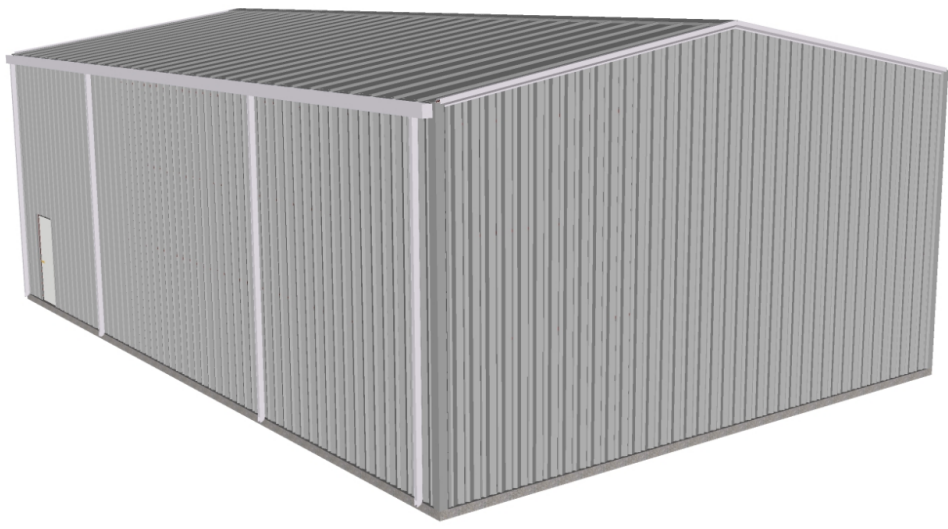
HCI STEEL BUILDINGS, LLC
 17833 59th Ave NE, Suite C
 Arlington, WA 98223
 360.403.4900 ~ #HCSI5864DE
www.hci.com

Keith Rowland 40x60x20
 Anchorage, AK 99599
 krowland@keithrowland.com
 907.554.4428

PO #:
TBD

REVISION	DATE	BY
1	October 24, 2018	
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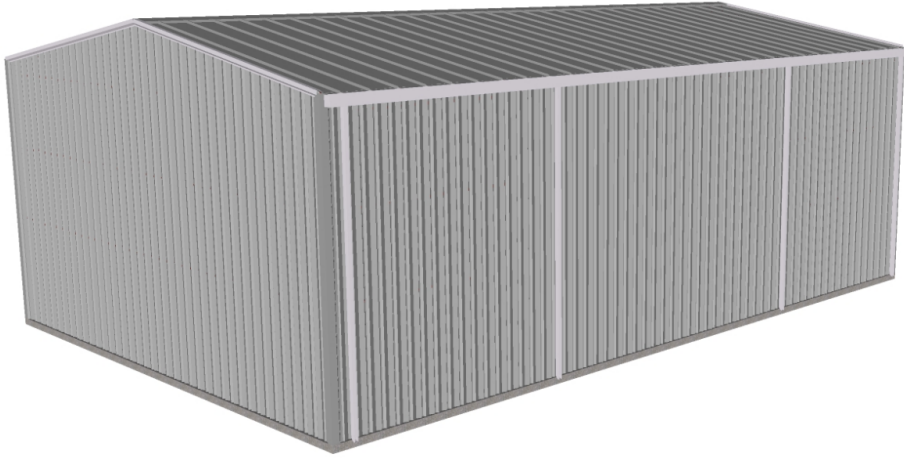
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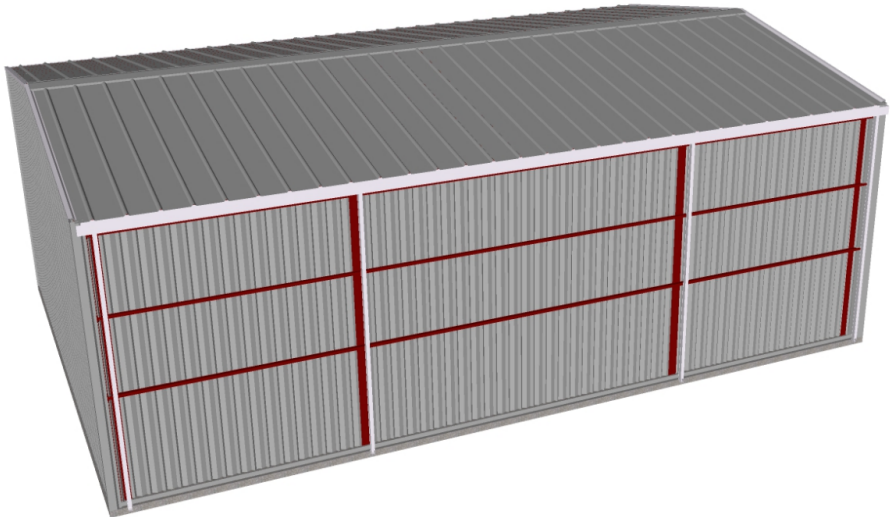
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Revision	Number	Date
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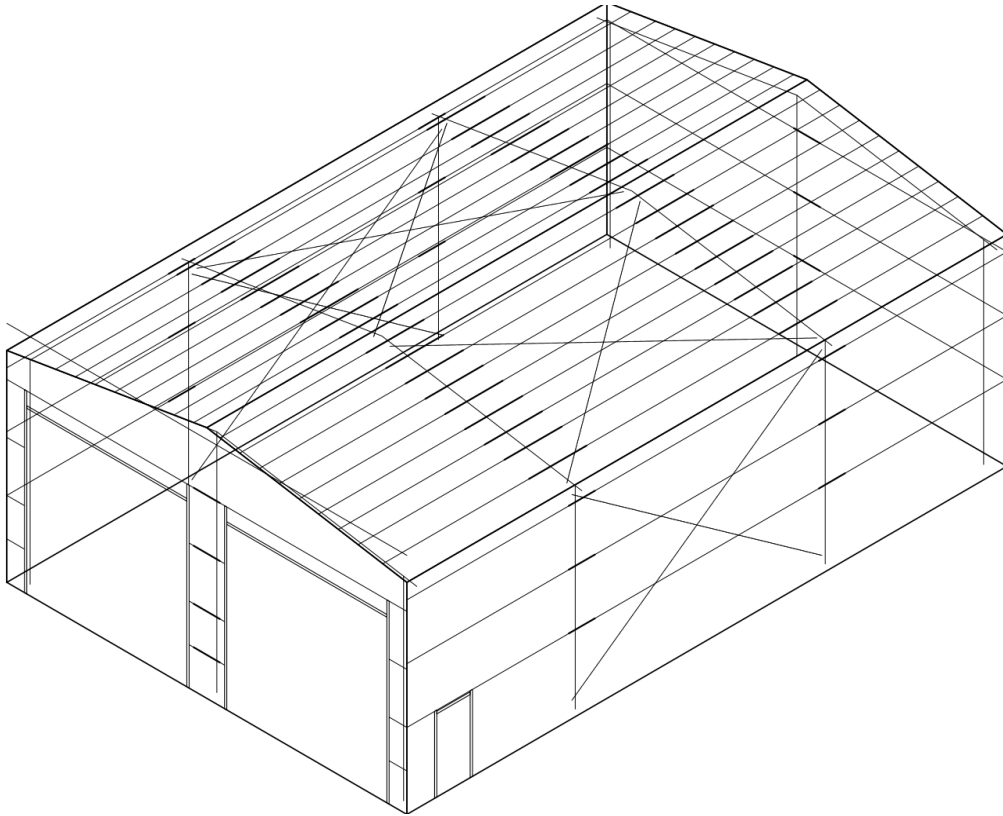
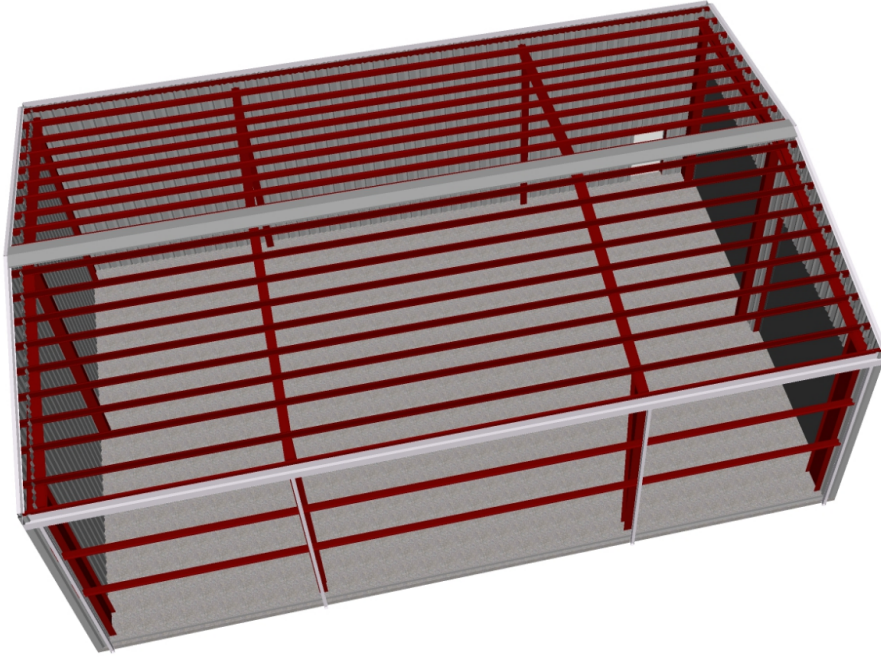
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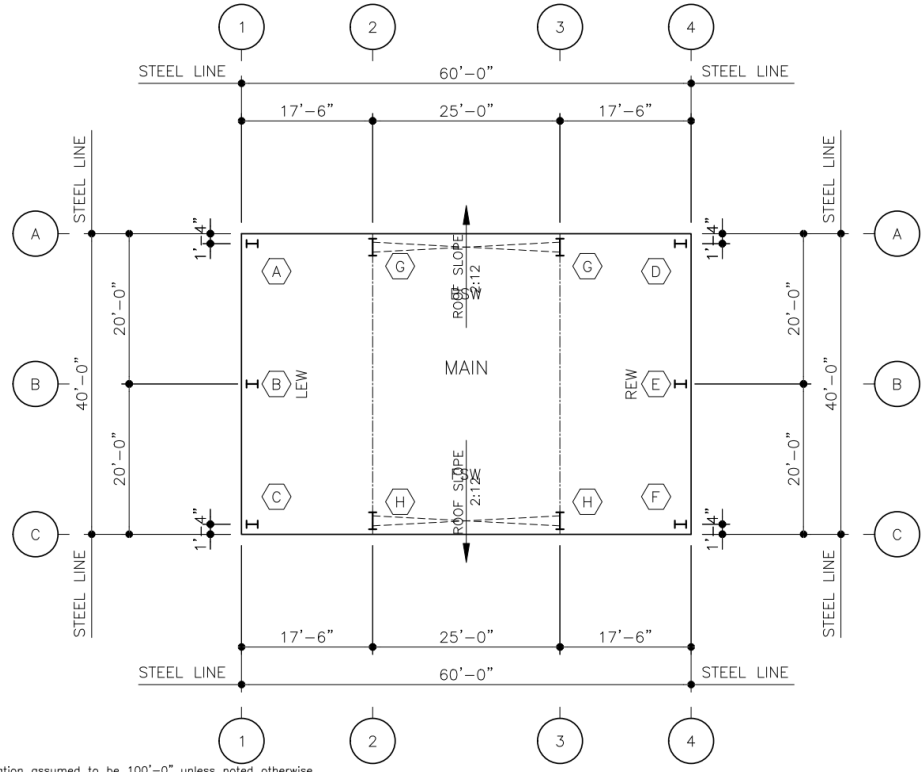
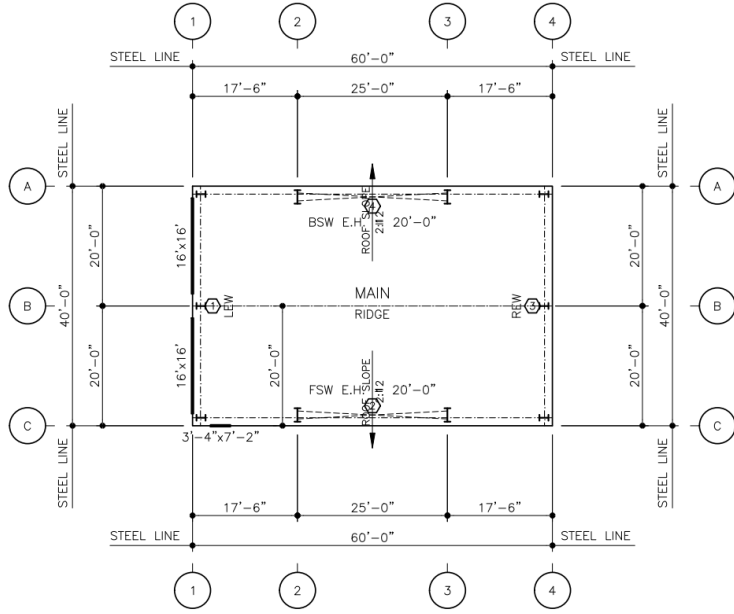
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WALL LINER PANEL SCHEDULE					
ID	LINER TYPE	DIST. FROM LEFT	BOTTOM OF PANEL AFF	TOP OF PANEL AFF	LENGTH
1	FULL WALL	0'-0"	0'-0"	FULL HEIGHT	FULL WIDTH
2	FULL WALL	0'-0"	0'-0"	FULL HEIGHT	FULL WIDTH
3	FULL WALL	0'-0"	0'-0"	FULL HEIGHT	FULL WIDTH
4	FULL WALL	0'-0"	0'-0"	FULL HEIGHT	FULL WIDTH



Finish floor elevation assumed to be 100'-0" unless noted otherwise.



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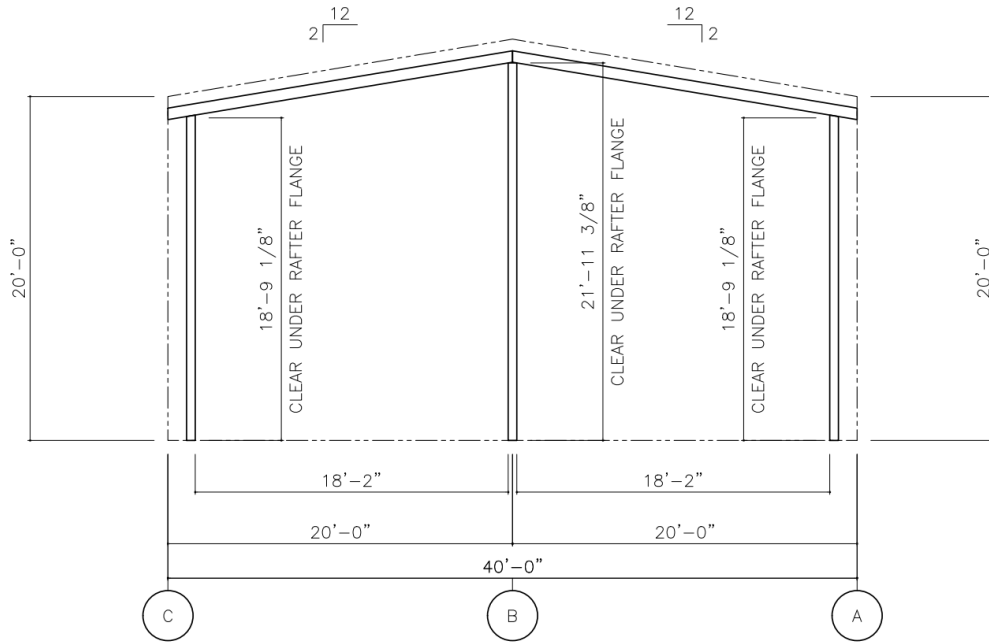
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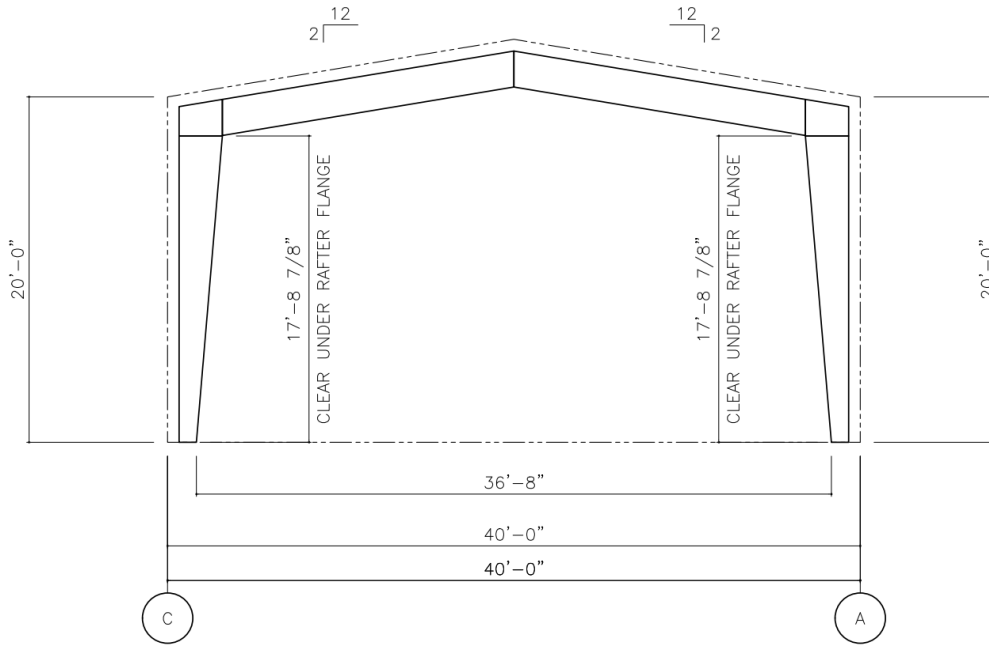
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FRAME @ LINE(S) 1,4

*ALL CLEAR DIMENSIONS ARE SUBJECT TO CHANGE AT TIME OF FINAL DESIGN, UNLESS NOTED OTHERWISE IN THE SPECIAL USER NOTES SECTION.



FRAME @ LINE(S) 2,3

*ALL CLEAR DIMENSIONS ARE SUBJECT TO CHANGE AT TIME OF FINAL DESIGN, UNLESS NOTED OTHERWISE IN THE SPECIAL USER NOTES SECTION.



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REV	DATE	DESCRIPTION
1	10/24/2018	ISSUE FOR PERMIT
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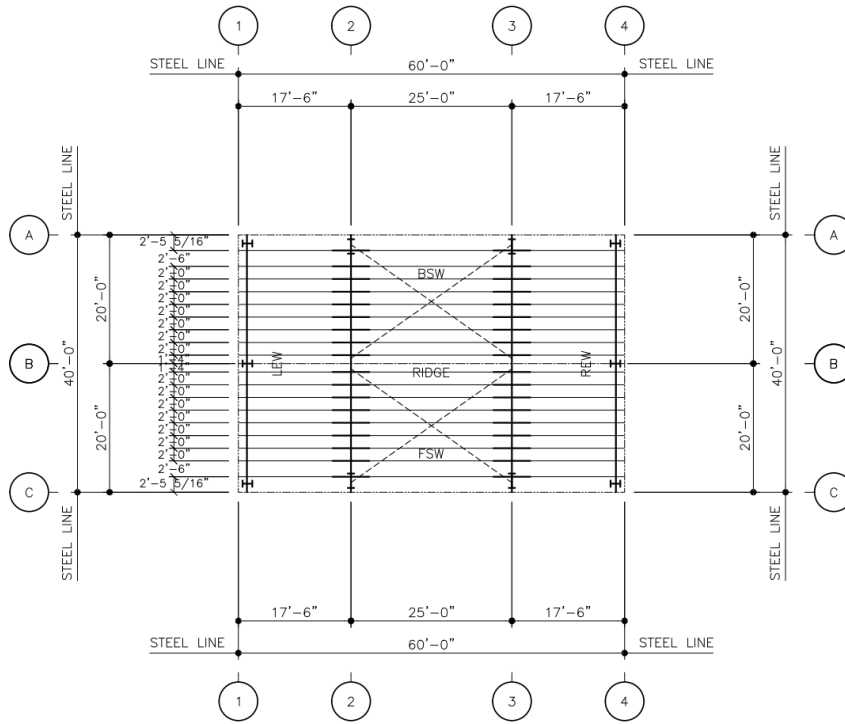
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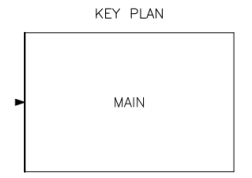
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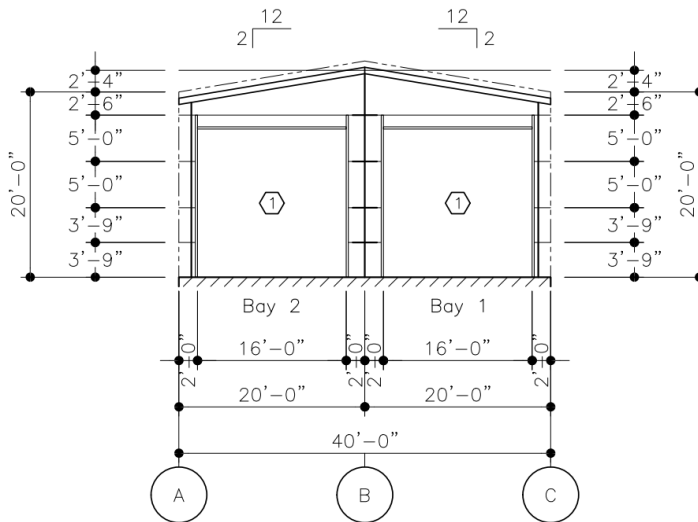
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MAIN ROOF FRAMING PLAN



FRAMED OPENING SCHEDULE					
ID	QTY	WIDTH	HEIGHT	SILL HEIGHT	LOCATED
1	2	16'-0"	16'-0"	0'-0"	FACTORY



ELEVATION AT LINE 1



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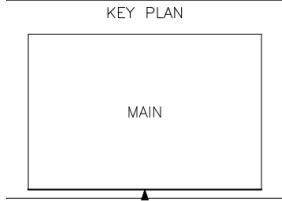
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ID	QTY	WIDTH	HEIGHT	SILL HEIGHT	LOCATED
1	1	3'-4"	7'-2"	0'-0"	FACTORY



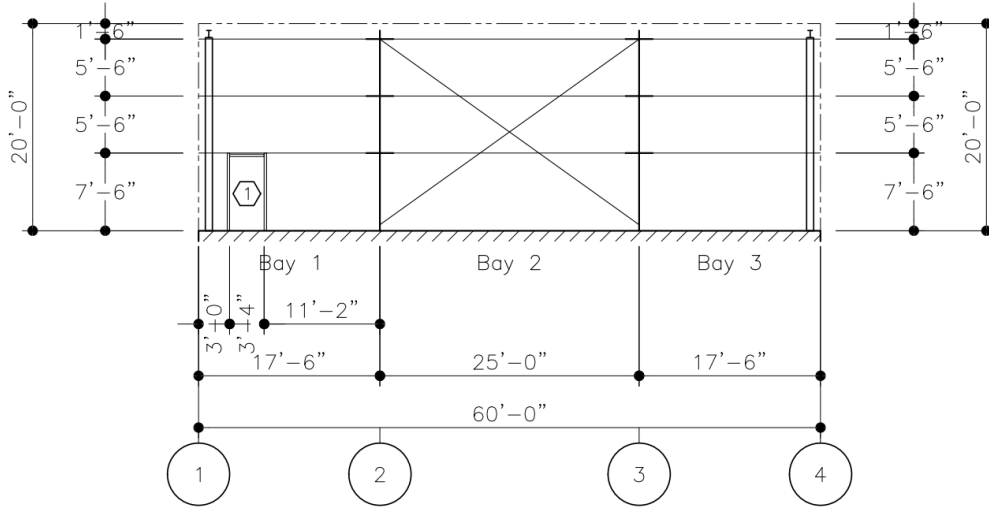
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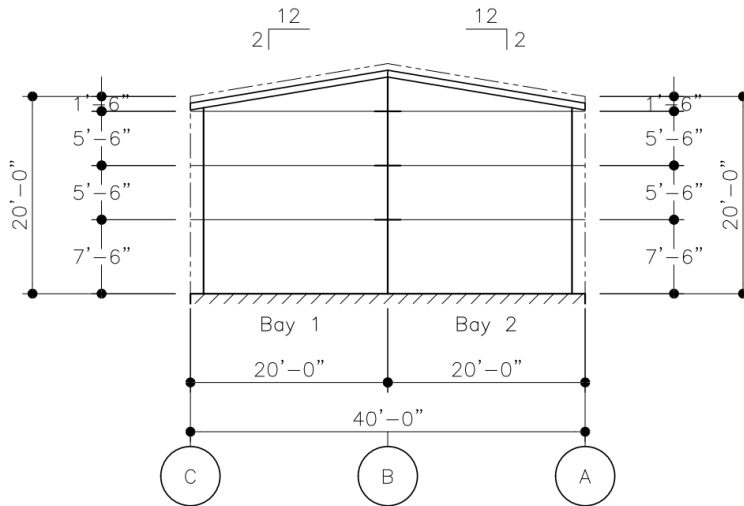
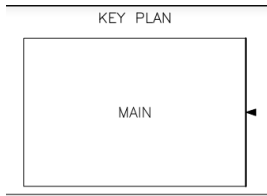
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ELEVATION AT LINE C



ELEVATION AT LINE 4



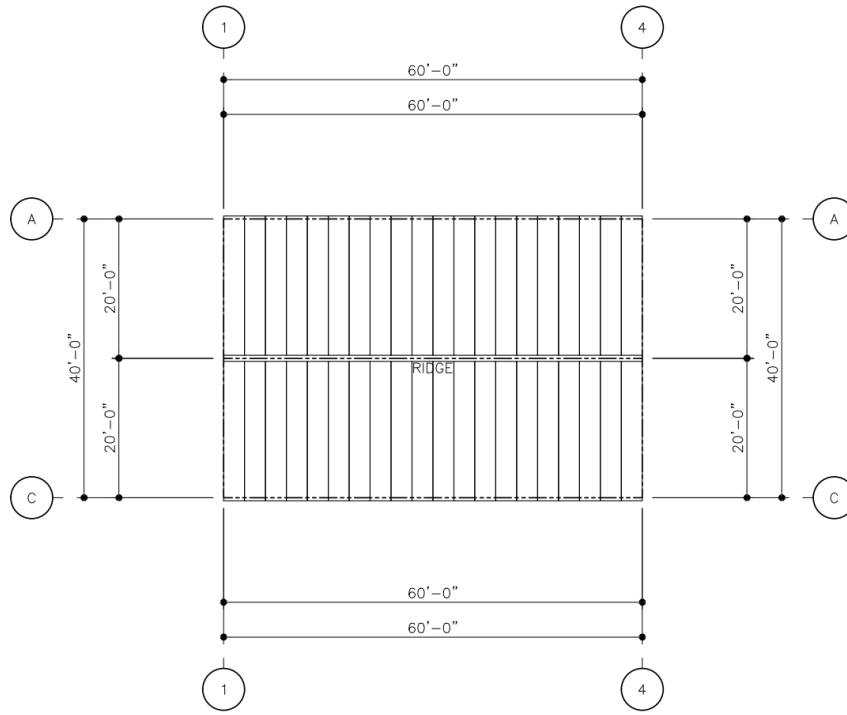
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ROOF SHEETING PLAN

PANELS: 26 GA. CLASSIC GALVALUME



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 "Build it. Right."

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TBD

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Project Budget (list complete costs, amount of funds requested from MAC, and how MAC funding will be matched by donations and funding from other sources): (25 points):

Complete list of costs:

Phase I: Gravel pad + winterization for heated building by David Rowland, Blackburn Industries (June 2022): Finished cost estimate: \$30,000 (NOTE: below is a detailed estimate from 2018, the new total reflects estimated increases in the cost of

materials)



P.O. Box MXY #39B
Glennallen, AK 99588
Phone (907) 259-5649
E-mail drowland@cvalaska.net

October 22, 2018

Estimate for KMVFD to Construct a 60'x80'x4' Gravel Pad

Description of Proposal

- Perform operations to excavate existing frost susceptible soil and replacing with a 4 ft lift of NFS gravel.
- A Screened 3" minus topping course will be included.
- Gravel will be compacted in 1 ft lifts.
- Finish grade of gravel will be 6 inches higher than existing ground for drainage.
- Dimensions for gravel pad are for a 40'x60' building footprint.
- Gravel can only be hauled when road is dry and suitable for repetitive trucking.
- Price includes excavation & backfill for (8 ea) concrete pads for steel columns.
- Finished pad will be level.

Lump Sum \$25,310

Options

Install 2" rigid insulation around perimeter for 4 ft (Necessary if building will be heated). \$2490

Notes:

- Existing soil is known to be frost susceptible, KMVFD will be responsible for final pad design since no drawings or plans were given for estimation purposes.
- Yard must be emptied before work begins.
- Excavated soil will be disposed of onsite.
- Prices good until 12/31/2018

Respectfully submitted,

A handwritten signature in black ink, appearing to be "D. Rowland".

David Rowland, Owner,
Blackburn Industries, LLC

Phase II: Concrete slab by Rowcon (June 2022): Finished cost estimate: \$40,000 (NOTE: below is a detailed estimate from 2018, the new total reflects estimated increases in the cost of materials)

Kennicott McCarthy Volunteer Fire Department

40'x60' slab

McCarthy, AK

<u>Scope of Work</u>	<u>Total Price</u>
6" slab with the following;	30,500.00
10 ea 6'x6'x12" footers under slab, with	
2" 40psi foam and vapor barrier	
6" x 6 ga wire mesh	
Anchor bolt sizing and template to be provided by the building manufacturer	
Freight	500.00
Labor	5,000.00
Form boards	400.00
 Total	 36,400.00
 Additional options	
Electrical conduit (2" pvc, up to 100 linear feet)	1,500.00
Up to 3 Floor Drains and plumbing to edge of slab	1,900.00

Anything not specifically mentioned above is excluded

Phase III: Construction of metal building by Rowcon (TBD): Finished cost estimate: \$180,000. (NOTE: below is a detailed estimate from 2018, the new total reflects estimated increases in the cost of

materials)

ROWCON

PO Box MXY #51 ~ McCarthy, AK 99588
907-554-4498

October 24, 2018

TO: Chris Chester, KMVFD

RE: Estimate to supply and erect a 40X60 metal building on a prepared (by others) concrete slab in McCarthy. The building shell is complete with man door, 2 garage doors, insulation, and liner package. Excludes electrical, heating, and plumbing. There are many available options which would add functionality, but would also add to cost.

Base building	\$103,900
Freight	9,000
Labor	39,000
Equipment	9,500
Materials	<u>6,800</u>
TOTAL	\$168,200

Please note: This is a fast track quote and is subject to change without notice. Pricing is for the purpose of helping with your preliminary budget and is subject to change based on industry costs.

Respectfully,

Keith Rowland
ROWCON

Amount of funds requested from MAC, and how MAC funding will be matched by donations and funding from other sources:

The KMVFD is constantly raising funds. Through our annual events, we consistently raise around \$10,000. In addition to community fundraisers, we have been seeking funding through local, state, and national avenues. We were initially approved for a Rasmuson Foundation Tier 1 grant in early 2022 but the decision was overturned due to the fact that their program guidelines do not allow them to fund projects associated with “core government functions” like public safety. However, as you know, we don’t have a core government.

We also applied to the Alaska Community Foundation’s 2021 Strengthening Organizations (we were denied) and for the ARPA Nonprofit Recovery Fund (CNRF) grant program, **for which we have been approved in the amount of \$27,600!** In addition, we have reached out to Alaska state lawmakers and have applied for federal funding through FEMA (a training grant through FEMA SAFER funding. Decisions are pending).

In combination with our annual fundraisers, we will also be holding a project-specific event this year to raise funds for the Fire Hall, bringing our expected total by the end of summer 2022 to \$47,600 in funds raised. Our grant committee meets bi-weekly to brainstorm and enact fundraising efforts and complete grant applications.

We are requesting \$40,000 in funding from MAC. In addition to greatly advancing this project (through Phase II), the funding from MAC would also help us secure future funding from other sources.

Describe why this project should be prioritized for funding at this time: (15 points): We believe, and historically it has been proven, that fire is not a seasonal risk; it is year-round. We have a growing population and increased visitation and the closest state fire resources are hours away. As the first line of attack for our area, it is essential that we provide fire services year-round to support the life and property of our beloved community. As this is a multi-phase project, the sooner we start, the better. We are extremely encouraged by community support for the project and believe that this is not simply a KMVFD request but a request that benefits everyone in the area.

Thank you for your time and consideration!