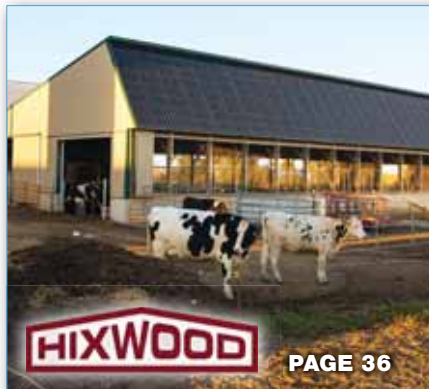


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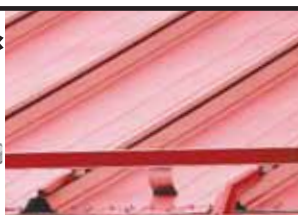
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## Thank You & What's New

**THIS IS THE FIRST SOURCE BOOK** I have been part of, and I must say, "Well done, builders and suppliers!" You constructed this book with all of the beautiful projects you sent in, and I think the results are amazing. The variety and pride of workmanship are truly inspiring.

Thanks for making the 2022 edition of the Source Book a success!

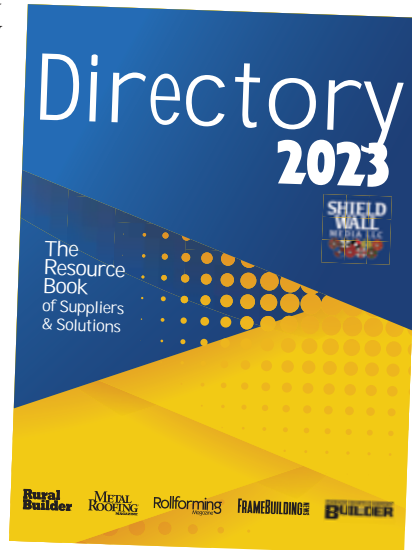
Now, a word to those whose projects were not chosen. There are only so many spaces to fill, and sometimes perfectly good projects are left on the sidelines. If your project was one of those, you will likely see it cropping up as a Project of the Month in Rural Builder or possibly in Frame Building News. However, there were also projects that were missing crucial elements: a healthy list of components with their suppliers, hi-res photos including a good one of the whole building, or a paragraph or two about the project. If you recognize that this was your case, you are welcome to supply us with the missing pieces and we will reconsider your project for publication.

I would like to encourage everyone to compile pictures and component lists on projects all year round and send them in... there is no such thing as too much Free PR!

Moving on, I want to be sure that everyone knows about the Buyer's Guide; it is changing form. No longer will the Buyer's

Guide appear in the October edition of Rural Builder, or any of our other publications. Starting with our 2023 Directory, there will be one book that includes supplier listings from all of our publications...everything you need in one place!

Every one of our print subscribers will receive a copy of this directory at the end of 2022 or the beginning of 2023. Manufacturers and suppliers see page 30 if you are interested in information about being included in this directory.



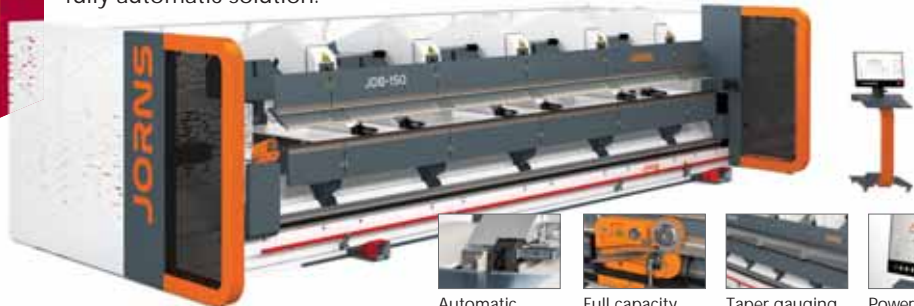
*Linda Schmid*

Linda Schmid,  
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[linda@shieldwallmedia.com](mailto:linda@shieldwallmedia.com)



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# contents



## projects

- |           |   |           |  |
|-----------|---|-----------|--|
| <b>06</b> | <b>SMALL HOUSE</b><br>Pioneer Millworks                           | <b>42</b> | <b>OFFICE SPACE</b><br>Worldwide Steel Buildings                                 |
| <b>08</b> | <b>COMMUNITY EVENT BUILDING</b><br>Everlast Roofing               | <b>44</b> | <b>RESIDENCE &amp; GARAGE</b><br>SmartBuild Systems                              |
| <b>10</b> | <b>HOBBY SHOP</b><br>Remuda Building Ltd.                         | <b>46</b> | <b>WHISKEY WAREHOUSE</b><br>Rimmer & Roeter Construction Inc.                    |
| <b>12</b> | <b>BACKYARD WORKSHOP</b><br>Walter Buildings                      | <b>48</b> | <b>RESIDENTIAL SHOP</b><br>Alpine Builders                                       |
| <b>14</b> | <b>HOUSE &amp; SHOP</b><br>Martin Metal                           | <b>50</b> | <b>HOBBY SHOP, PRIVATE SHOW ROOM &amp; LOUNGE</b><br>Cedar Valley Post-Frame LLC |
| <b>16</b> | <b>SELF-STORAGE FACILITY</b><br>Trachte Building Systems          | <b>52</b> | <b>CORPORATE HEADQUARTERS</b><br>MYCON General Contractors, Inc.                 |
| <b>18</b> | <b>COMMERCIAL OFFICE &amp; SHOP</b><br>Levi's Building Components | <b>54</b> | <b>DNR OFFICES</b><br>Mid-State Contractors                                      |
| <b>20</b> | <b>RESIDENCE</b><br>Wick Buildings LLC                            | <b>55</b> | <b>RESIDENCE</b><br>Cover's Construction LLC                                     |
| <b>22</b> | <b>COMMUNITY GYM</b><br>Perma-Column LLC                          | <b>56</b> | <b>PARK GAZEBO</b><br>Fifthroom.com  |
| <b>24</b> | <b>CALF BARN WITH KITCHEN</b><br>Ritchie                          | <b>58</b> | <b>EVENT CENTER</b><br>Stillwater Metal  |
| <b>26</b> | <b>WAREHOUSE</b><br>MFM Building Products                         | <b>59</b> | <b>EVENT VENUE</b><br>Metal Exteriors  |
| <b>28</b> | <b>WAREHOUSE</b><br>Chief Buildings                               | <b>60</b> | <b>SUMMER CAMP BUILDINGS</b><br>MBCI   |
| <b>36</b> | <b>HEIFER BARN</b><br>Hixwood                                     | <b>62</b> | <b>FIRE DEPARTMENT</b><br>PAC-Clad   Petersen                                    |
| <b>38</b> | <b>AIRPLANE HANGAR RENOVATION</b><br>Schweiss Doors               | <b>66</b> | <b>RESIDENCE RENOVATION</b><br>TandoStone  |
| <b>40</b> | <b>HORSE BARN</b><br>FBI Buildings                                |           |  |



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## INDUSTRY PARTNERS



SEE PAGE 15



SEE PAGE 23



SEE PAGE 7



SEE PAGE 11



SEE PAGE 21



SEE PAGE 47



SEE PAGE 51



SEE PAGE 13



SEE PAGE 2



SEE PAGE 5

## DEPARTMENTS

Editor's Note .....	3
Business Connections .....	33
Advertiser Index .....	65



20

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# Small (but perfect) House

## PIONEER MILLWORKS SHOU SUGI BAN SIDING

[www.pioneermillworks.com/shou-sugi-ban](http://www.pioneermillworks.com/shou-sugi-ban)

**LOCATION:** Dayton, Oregon

**ARCHITECT:** New Energy Works

**SIZE:** 1,140 sq. ft.

**DOORS:** NEWwoodworks

**WALL & ROOF PANELS:**  
New Energy Works

**INSULATION:**  
EPS SIPs and a Siga Majvest  
Weather Resistant Barrier

**POSTS & TRUSSES:**  
New Energy Works

**SIDING:** Pioneer Millworks  
Reclaimed Wood & Shou Sugi  
Ban Siding

**VAPOR/AIR BARRIER:**  
Solitex Mento Plus

**WINDOWS:** Marvin

Little did Phil & Rocío know how perfect their timing was when they came to New Energy Works and asked for a “small but perfect home”. This request gave the team at New Energy Works plenty of inspiration as they thought about this project like a precious gem, which they eventually started calling the NEW Jewel.

Many of New Energy Works clients request smaller more sustainable homes because they simply don’t need a bigger one. This reduction in square footage is smart for many reasons: less vacuuming, less heating and cooling, fewer taxes. And for many, less strain on the finances as they get to the point where retirement shines bright on the horizon.

New Energy Works began the design process with 1,000 square feet. Enough room for a pleasant common area, a couple of rooms for bed and work, a couple of bathrooms, as well as a mudroom and pantry. Phil and Rocío ended up with a 1,140 square foot timber frame design, right-sized for all their needs, clad in sustainable Pioneer Millworks Shou Sugi Ban burnt wood siding.







Fight Condensation Without Insulation



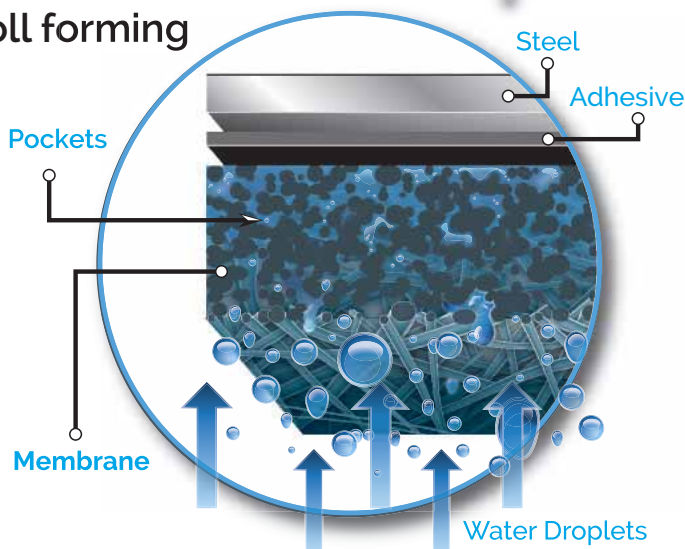
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# Community Event Building

## EVERLAST ROOFING

[www.everlastroofing.com](http://www.everlastroofing.com)

### ARCHITECT:

James Koppenhaver

### CONTRACTORS:

Pioneer Pole Building Inc.

### LOCATION:

Egg Harbor, NJ

### SIZE:

120' x 180' x 26'

### BUILDING SYSTEM:

Pioneer Pole Buildings

### WALL AND ROOF PANELS:

Everlast II Roofing and Siding

### INSULATION:

Blown in R-49 ceiling,  
R-21 walls

### FASTENERS:

Everlast Roof-  
ing TA Fasteners

### SNOW GUARDS:

Snow Trax  
LG, 4 rows, 9" on center

### POSTS:

Glue Laminated

### TRUSSES:

Clearspan 80',  
pitch 30' and mono pitch

### FOUNDATION:

Post frame  
poured 24" diameter footings

The customer was looking for a multipurpose building that would work as an athletic event building, an Esports area as well as a place to learn about astronomy. Pioneer designed a building that allows an 80' x 180' x 26' sports event area to play Lacrosse, soccer, rock climbing and football. On one side we have a two (2) story viewing area for the public to view the games as well as a third story for a large telescope with a ½ round rotating roof. The other side of the building accommodates restrooms, a small office area and a large Esports area.



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# Hobby Shop

**REMUDA BUILDING LTD.**

[www.remudabuilding.com](http://www.remudabuilding.com)

**LOCATION:** Three Hills, Alberta

**SIZE:** 46' x 54' x 16'

**BUILDING SYSTEM:**  
Remuda Building Ltd.

**DOORS:** Overhead Doors - C.H.I.  
5333 Carriage Door

**WALL & ROOF PANELS:**  
Forma Steel

**INSULATION:** R-28 Fiberglass

**FASTENERS:** Forma Steel

**POSTS:** Hillier

**TRUSSES:** ZyTech

**CUPOLAS:** MWI Components

A red, monitor-style building had always been on this clients' wish list, so Remuda Building was more than excited when he approached them to help build his dream Hobby Shop. Right from the beginning of this project, emphasis was placed on getting the details right – faux slider doors, cupolas, weathervanes, and eyebrows above those beautiful overhead doors to name a few.

The interior of this building was designed to be the ultimate Hobby Shop. On one side the client set up his business office and a craft area for his wife, while the other side acts as a woodworking shop. The main, middle part of the building is home to an impressive collection of cars. The client must have been eager to show off his new building to friends and family because the very first use of this building was for his daughter's wedding!

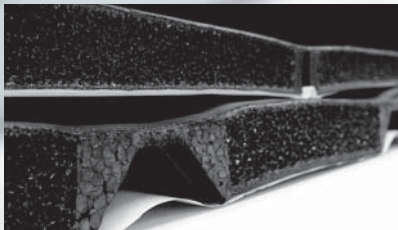




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# Backyard Workshop

**WALTERS BUILDINGS**

[www.waltersbuildings.com](http://www.waltersbuildings.com)

**LOCATION:** Winchester, KY

**SIZE:** 42' x 63'

**DOORS:** JWS Building Supplies  
Touch of Class Doors

**FASTENERS:** Maze Nails &  
ST Fastening Systems

**POSTS:**  
JWS Building Supplies  
Mechanical Laminated STP

**SHUTTERS:** Perfect Shutters Inc.

**TRUSSES:** JWS Trusses

**WALL PANELS & SIDING:**  
JWS Building Supplies Steel  
Panels – Steel Dynamics

**WINDOWS:**  
Plyco Windows- 3068 Series B

**SOFFIT & CUPOLA:**  
MWI Components

**C**lient has a small landscaping/excavating business out of his home and needed additional storage for his equipment and supplies. It is a rural residential neighborhood (nice home on 10 acre lots) and needed a very nice project to match the existing houses.

This project includes some great features, for instance, the Touch of Class Sliding Doors under the eyebrow entrance. The main entrance, facing the house, includes a small lean-to porch. The shutters around the windows bring the black wainscot and black roof into a sharp contrast with the white steel end walls.



The windows in the gable along with the windows in the cupola make a great finishing touch as the entire workshop lights up in the evening hours with an interior glow making this project the envy of the neighborhood. Finally, the large, dual sliding doors in the rear of the building make for each access to move equipment in and out of the workshop.



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Frame

Log Home  
Spike







# Home & Shop

**MARTIN METAL**  
martinmetal.com

**LOCATION:** Missouri

**SIZE:** 40' x 70' x 10' with 12' cantilever porch

**BUILDING SYSTEM:**  
Martin Metal Post Frame Building

**DOORS:** Plyco and C.H.I Overhead Doors

**WALL PANEL:**  
G Rib 29 ga Charcoal & Gray

**VENTILATION:** Standard Eave & Ridge with Marco Vented Closures

**FASTENERS:**  
ST Fastening Systems

**SNOW GUARDS:** Graber Post Building Snow Block Trim

**POSTS:** Graber Post Building 3-Ply 2x6

**TRUSSES:** Martin Metal Custom Manufactured Trusses with cantilever

**FOUNDATION:**  
Concrete Stem Wall

**WINDOWS:** Quaker

**N**ick of Midwest Missouri contacted Martin Metal of Versailles, MO about his need for a house/shop build. He worked with our in house designers and they came up with a plan that suited all his needs and wants. We were then able to put together a proposal that fit his budget, and the project was underway. Martin Metal was in charge of completing the exterior of the structure and the interior framing. Nick finished most of the interior of this project on his own and contracted parts of it out that he wasn't able to handle.



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# Self-Storage

## TRACHTE BUILDING SYSTEMS

[www.trachte.com](http://www.trachte.com)

**ARCHITECT:** Knute Billand,  
Transcend Architects & Engineers

**CONTRACTORS:** Sunline, Inc.

**LOCATION:** Verona, WI

**SIZE:** 10 buildings/95,000 sq. ft.

**BUILDING SYSTEM:**  
Trachte Building Systems

**DOORS:** Trac-Rite Doors

**WALL/ROOF PANELS:**  
Trachte Building Systems

**INSULATION:**  
Metl Span Insulated Wall Panels

**VENTILATION:**  
HVAC by Hooper Construction

**FASTENERS:** Trachte Systems

**FOUNDATION:** Trachte Building  
Systems Floating Slab

The Town and City of Verona make up a fast-growing area southwest of Madison, Wisconsin. It is an ideal area for a self-storage facility. Madison Verona Self-Storage is located along Highway 18, a busy thoroughfare with over 40,000 cars passing the facility each day. The land needed to have a zone change to allow self-storage. The township was receptive to this idea because the township wanted to maintain the land in the town and not have it annexed into the city of Madison. The two requirements were that the land could not be sub-divided and second, more importantly the land did not require city of Madison water and sewer connections. The final hurdle was to get the township's approval on the look of the project. The township wanted to maintain the farming heritage of the area; therefore, the owner built the barn style office.

Madison Verona Self-Storage currently has 10 buildings, and when totally built out will have 19 buildings for over 135,000 square feet. The facility has conventional drive-up units plus drive-up climate-controlled and larger Boat/RV sized units. The barn style self-storage office has a welcoming interior for customers to rent a storage unit. The facility is renting faster than projections and should be completely built out by 2024.







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# Commercial Building

**LEVI'S BUILDING COMPONENTS**  
[www.levisbuildingcomponents.com](http://www.levisbuildingcomponents.com)

**BUILDER:** LL Groff & Sons

**LOCATION:** Denver, PA

**DOORS:** LL Groff Wood Doors,  
CDF Steel Doors

**ROOFING/WALLS:** AB Martin  
Panels & ProVia Stone Veneer

**TIMBER FRAMING:** Reihl's  
Construction

**INSULATION:** Fiber glass blown-  
in insulation

**SNOW HANDLING:**  
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Levi's SnowDefender 6500  
Snowguards

**WINDOWS:**  
Metal Industries Painted  
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**GUTTERS & ALUMINUM TRIM:**  
Keith Martin Sprouting

**M**essner's Tree Service is a fast growing business in Denver, PA. Recently they decided to build a new shop and office. The building is post frame featuring ABM panel and ABSeam from AB Martin and Levi's SnowDefender 4500 for the exposed fastener shop roof and Levi's SnowDefender 6500 for the hidden fastener office roof.







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# Residence

**WICK BUILDINGS LLC.**

[www.wickbuildings.com](http://www.wickbuildings.com)

**BUILDER:** Nick Welch -  
Welch Buildings LLC

**LOCATION:**  
Michigan

**SIZE:** 50' x 50'

**ROOF PITCH:** 4

**DOORS:** Pella Doors

**FASTENERS:**  
Wick Premium Fasteners

**FOUNDATION:** Column in ground  
with 4" Poured Concrete

**INSULATION:** Blown fiberglass  
ceiling and walls, has DripStop

**POSTS:** Wick Columns 3Ply 2x8 3Ply  
2x8 - Treated Columns

**ROOF PANELS:**  
Wick Steel - Black

**TRUSSES:** 30' FT RLC 1-Ply Truss -  
2-Ply 2x12 Rafters

**VENTILATION:**  
RV-35, 24" Vented Soffits

**WINDOWS:** Anderson Windows

**T**wo story structure with living area,  
workshop, and display area for col-  
lector cars on the first floor.









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# Community Gym

**PERMA-COLUMN LLC**  
[www.permacolumn.com](http://www.permacolumn.com)

**BUILDER:**  
 Jeremy Reiff Construction

**LOCATION:** Albion, IN

**SIZE:** 72' x 104'

**DOORS & WINDOWS:** LT Siding

**FASTENERS:**  
 GRK RSS Screws and  
 Standard Nails

**INSULATION:** Ramco Foam, Cole  
 Double Bubble, R-Value Mineral Fiber

**POSTS:** 3-Ply 2' x 8' - 4' o/c

**ROOF & WALL PANELS:**  
 Ramco Ram Panels

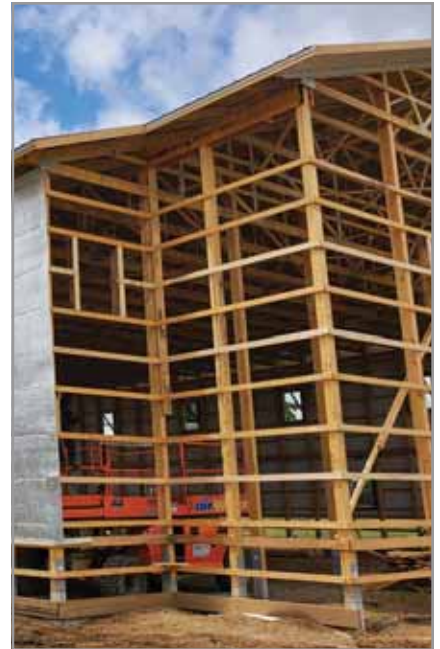
**TRUSSES:** Borkholder Building and  
 Supply

**VENTILATION:**  
 Depew Heating & Plumbing

The building is a public space for exercise and community events. The owner was an ER nurse and was always bothered that patients often didn't have good exercise habits, healthy lifestyles, etc. They started doing a 10k step program and realized there wasn't a place in Albion, IN to exercise, and they wanted a gym with an elevated track so people could do the 10k step program and participate in various activities at the same time. A plot was donated with 5 acres and a small barn, and in addition they built a gym for the community. They made use of all their materials and resources by establishing a learning, recreational, and community center. MSS Engineering had to work with the truss manufacturer to ensure that the hanging running track would be properly supported.







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# Calf Barn & Kitchen

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**CONTRACTOR & ARCHITECT:**

Ted McAllister

**BUILDERS:** Mueser Lumber, Reitinger Construction, Willie Construction, East Iowa Mechanical, CJ Moyna

**LOCATION:**

McAllister Family Dairy,  
New Vienna, Iowa

**SIZE:** 36' x 224' with a 24' x 24' kitchen

**DOORS:**

Midland Overhead Doors

**WALL/ROOF:** Roll-O-Matic Barn Curtains

**POSTS & TRUSSES:**

Meuser Lumber

**FARM ACCESSORIES:**

Ritchie Automatic Livestock Waterers, FarmTek Bird Netting, Agri-Plastics Ultra Flex-Pen, Agromatic Adjustable Gates, Holm & Laue Milk Taxi

**T**ed McAllister is a seventh generation farmer and helps run the McAllister Family Dairy Farm in New Vienna, Iowa. McAllister spent a lot of time researching other calf barns to design the perfect calf barn for the family operation. McAllister utilized resources through the Dairyland Initiative from the University of Wisconsin, feed company Vita Plus and their nutrition consultant, Jake Guenzler with Pro Agtive technologies to design and draft a highly efficient and spacious new calf barn.

“Basically, we wanted to get all calves from day old to 5-6 months all under one roof to better utilize labor and workflow,” said McAllister. “The design allows us to eliminate dealing with the elements while not sacrificing the space, ventilation, and nutrition the calves need to grow and be healthy to become to the next generation of cows in the herd.”

One of the more unique features of the barn is the calf kitchen where formula is prepared onsite and then delivered with the Milk Taxi. The efficient design also incorporated the grain auger delivering grain directly into the kitchen to remove the chore of hauling grain in and out of the elements. Each design choice was selected to maximize calf comfort and farm efficiency. This includes the roomy group pens, ample sunlight, natural fresh air ventilation and high efficiency OmniFount waterers from Ritchie Industries based in Conrad, IA.

The McAllister Dairy Farm’s new calf barn is also a familiar backdrop to videos produced by Ted’s fiancé, Megan Kregel, who has become a popular dairy advocate on social media. You can learn more about McAllister Farms on any social media platform by searching for *megan\_dairygirl*.





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# Warehouse

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[www.mfmbp.com](http://www.mfmbp.com)

**CONTRACTORS:**  
 Ohio Dutch Construction

**ARCHITECT:**  
 Tekton Engineering, LLC

**LOCATION:** Coshocton, OH

**SIZE:** 48,000 sq. ft.

**BUILDING SYSTEM:**  
 Nucor Building Systems,  
 All Span Building Package

**DOORS:** C.H.I. Doors

**INSULATION:**  
 Owens Corning

**CLADDING:** ProVia Amherst  
 Limestone Flats Split-Stone

**M**FM Building Products initiated the project to add a 48,000 sq. ft. warehouse addition to the company's existing production.







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# Warehouse

## CHIEF BUILDINGS

[www.chiefbuildings.com](http://www.chiefbuildings.com)

**BUILDER:** H.A. Dorsten, Inc.

**LOCATION:**  
Delphos, OH

**SIZE:**  
66,000 sq. ft.

**DOORS:** Clopay Commercial  
Garage Doors

**WALL PANELS:** Translucent  
Panels by Chief Building  
Systems

**FASTENERS:** SFS Intek, Red  
Head Anchors, and Dynamic  
Fastener Corps

**DOCK EQUIPMENT:** Fairborn  
Dock Systems

**FOUNDATION:** Cast-in-place  
reinforced concrete

**INSULATION:** Silvercote Roof  
Purlin Glide System

**POSTS:** Chief Metal Columns

**ROOF PANELS:**  
MSC & CS 24 ga. Galvalume

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solid web, metal rafters

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As a result, he says, pet food manufacturers — and a growing number of commercial feed manufacturers — now require superior logistical flexibility and technical expertise to help source, convert, and deliver these traceable ingredients, including “ancient grains” and grain-free proteins, as well as organic, non-GMO, and many more types of products that echo human food market trends. “Our expanded, state-of-the-art warehouse and transloading facilities,” says D&D President Arnie Miller, “offer animal feed and pet food manufacturers extraordinary speed and flexibility in short and long term storage as well as bulk ingredient conversion.”





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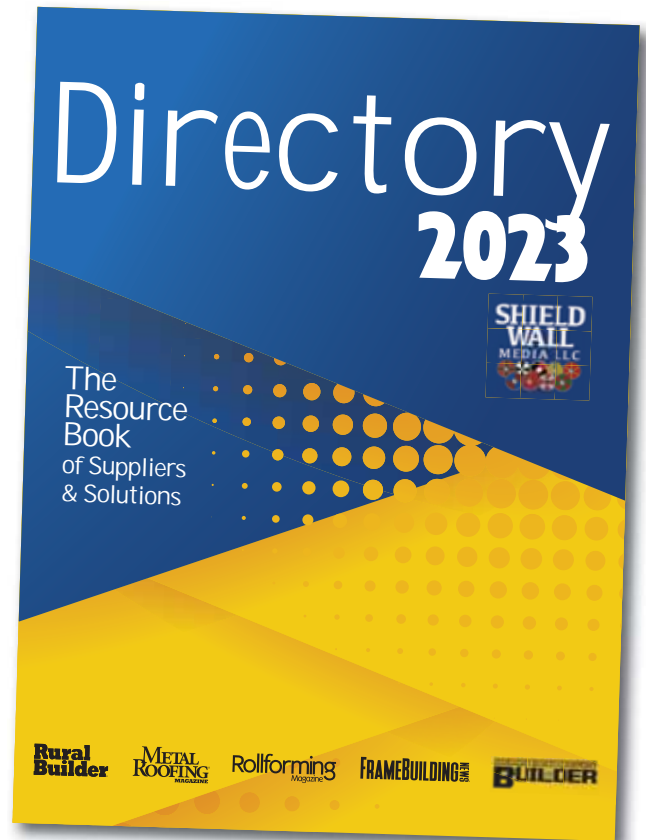
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The 2023 Directory will polybag with the December issues of *Rural Builder*, *Metal Roofing*, *Rollforming* and January *Frame Building News*

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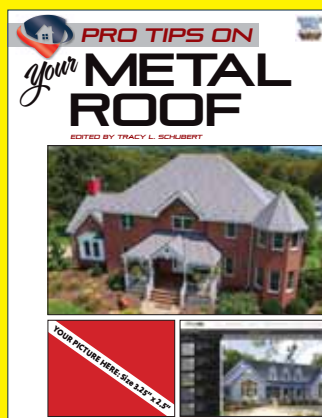
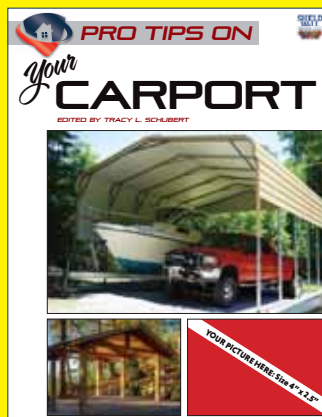
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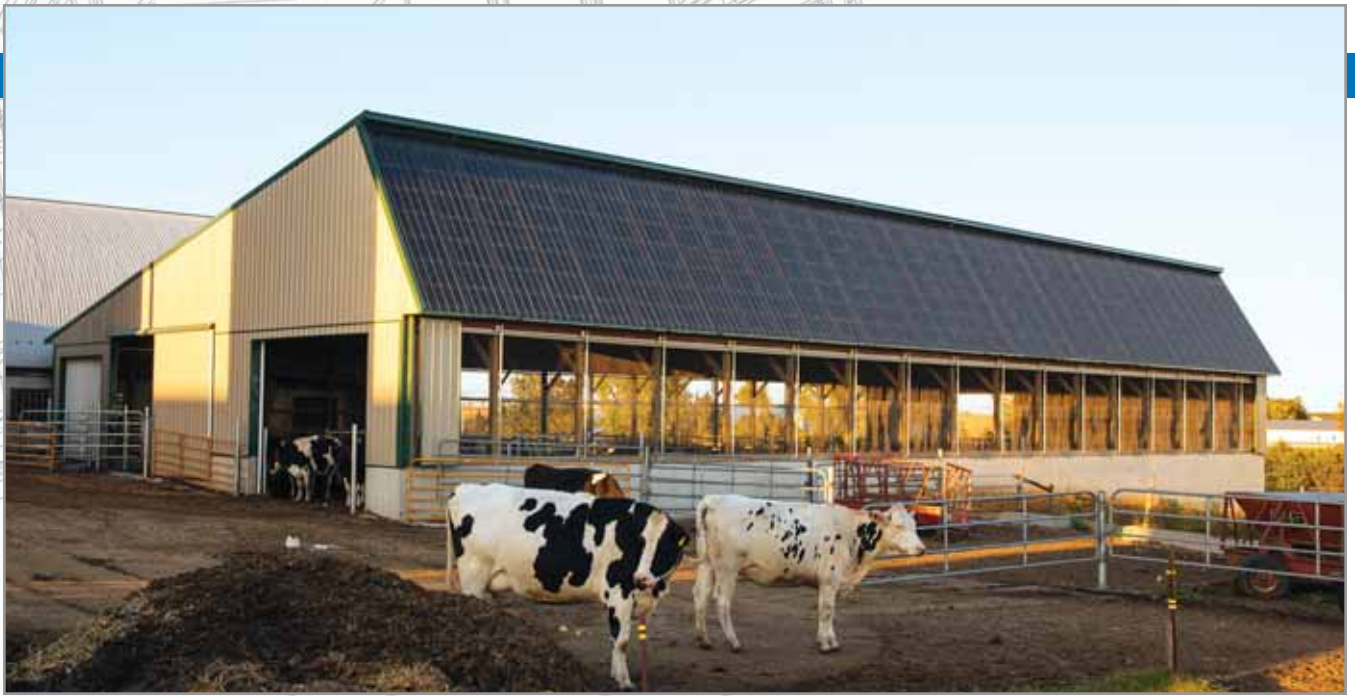


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# Heifer Barn

**HIXWOOD**

[www.hixwood.com](http://www.hixwood.com)

**BUILDERS:** MZ Builders

**LOCATION:** Stanley, WI

**SIZE:** 128' x 52'

**DOORS:** CHI Overhead Doors  
and Plyco Service Doors, MWI  
Service Track

**FASTENERS:** Plyco/East Coast

**WALL AND ROOF PANELS:**  
Super Rib 100 Hixwood

**TRUSSES:** ABC

**INSULATION:** Double Bubble  
Vapor Barrier by Plyco

**POSTS:** Richland Columns

**CLEAR PANELS:** Palram SunSky

This is a heifer raising facility, built to replace the old one. The barn features an open peak for natural ventilation; hot air can exit at the top when the curtain is open. This is an upgrade to the old barn, a better facility for animals with a south facing slope with more sunshine for a more naturally healthy environment.







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*Curtis Lemieux, pilot and business owner at Econo Lumber in Prince Albert, Saskatchewan, recently renovated his hangar at Prince Albert Airport Glass Field with two Schweiss Doors hydraulic doors. The entrance to the front of the 70-foot by 70-foot hangar has a backlit model of Lemieux's Cessna Citation C510 Mustang.*

# Airplane Hangar Renovation

## SCHWEISS DOORS

[www.schweiss hydraulicdoors.com](http://www.schweiss hydraulicdoors.com)

### LOCATION:

Prince Albert, Saskatchewan

**SIZE:** 70' x 70'

**CONTRACTOR:** GRW Contracting;  
General Contractor: Curtis Lemieux

### OVERHEAD DOORS:

(2) Schweiss hydraulic doors: 54' x 16'9" w/4 windows; 13'3" x 8'11"

### WALK DOORS:

Masonite interior walk doors. Madero commercial steel walk doors

**INSULATION:** Owens Corning

### ROOF & WALL PANELS:

Vicwest Metal, 29 ga.;  
Repurposed brickwork

**WINDOWS:** All Weather Windows

### SPECIAL INTERIOR FEATURES:

Custom window wall by Thorp Industries, Prince Albert; Big Ass Fans ceiling fan; CertainTeed drywall; General Paint; Stone Hard epoxy floor; Kentwood originals Heirloom flooring, Oak Saturna; fireplaces from Napoleon fireplace



*A large glass partition divides the hangar from the pilot's lounge.*

Curtis Lemieux is at the helm of his successful family-owned and operated business of Econo Lumber and Econo Timber Mart in Prince Albert, Saskatchewan. Lemieux recently completely renovated his 70' x 70' hangar at Prince Albert Airport Glass Field. It's there that his Cessna Citation C510 Mustang makes its home and where Lemieux can depart on his plane for pleasure and business, or just hang back and enjoy his mancave, which is decked out with a pilot's lounge, a unique photo wall and a bathroom.

The renovation includes two Schweiss Doors hydraulic doors. The larger door measures 54' x 16'9" and includes four windows to take advantage of available light. The smaller adjacent door measures 13'3" x 8'11" and is used for a storage area where both hydraulic pumps are located out





**The main Schweiss Doors hydraulic hangar door is 54 feet by 16 feet, 9 inches and an adjacent storage room/garage door measures 13 feet, 3 inches by 8 feet, 11 inches. Four well placed windows on the large hangar door and front hangar windows bring a large amount of natural light into the hangar.**



**An energy efficient "Big Ass Fan" is the answer to effective airflow solutions within the hangar. Two floor drains help to keep the hangar floor immaculate.**



**This part of the hangar building is used as a storage area and garage. The hydraulic door is 13 feet, 3 inches by 8 feet, 11 inches. Both doors have their own remote openers. Notice the beveled concrete at the entrance that keeps rain from entering the garage and hangar.**

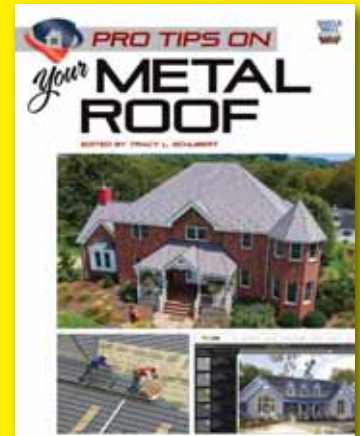


**Two aircraft windows in the bathroom are from a United 747 and now serve as mirrors.**

of view. Both doors are equipped with remote openers.

Lemieux decided on the Schweiss hydraulic door style because it was going to be mounted on an existing building and he needed the extra clearance for the tail of his Citation C510 Mustang.

Lemieux says, "Even if I didn't need the height, I prefer the mechanical simplicity of the hydraulic door. The quality of the door is excellent. I spray-foamed the inside of the door and put a white metal liner on the inside." The door was installed by Pineland Metal of Prince Albert.



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**protipsaffiliate.com**



# Horse Barn

**FBI BUILDINGS**  
[www.fbibuildings.com](http://www.fbibuildings.com)

**LOCATION:** Crown Point, IN

**SIZE:** 60' x 96' x 14' + 36' x 40' x 9'

**BUILDING SYSTEM:** FBI Buildings

**WALL AND ROOF PANELS:**  
 McElroy Metal's Galvalume Steel

**INSULATION:** Building Wrap

**FASTENERS:** Stainless Steel Cap Screws

**DOORS:** 4' x 7' MWI Dutch Door and AJ Steel Insulated Walk Doors

**POSTS:** Glue Laminated

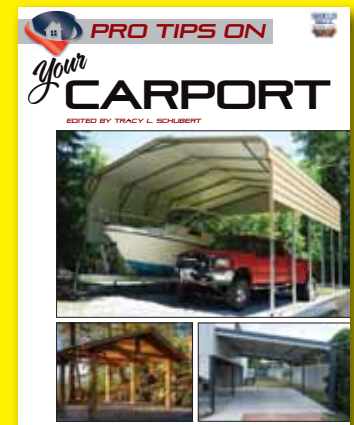
**FOUNDATION:** Pre-cast Concrete Pad

**ACCESSORIES:** MWI Components' 36" cupolas with weathervanes

**T**his show-stopping horse barn is located in Crown Point, Indiana. The building design consists of a 60' x 96' x 14' riding arena with 36' x 40' x 9' stall barn. Custom features include stone wainscoting and an interior deck system for hay storage.





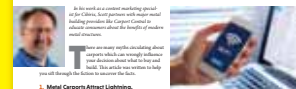


# SEAL DEALS

Consumers need carports to protect their vehicles and large adult toys like ATVs, boats, snowmobiles and RVs from weather damage and other harm. Experts share their knowledge to help customers have happy experiences and end up with what they desire.

## Top Ten Metal Carport Myths Dispelled

by Scott Kyles, Carport and Metal Buildings Content Specialist, Cibola



### 1. Metal Carports Attract Lightning.

While it's true that metal is a natural conductor, a metal structure doesn't attract lightning or even have a small amount of lightning strike it. That's because lightning won't strike your metal carport, but it will strike anything else that you have on the property. The only way to protect your property is to have a lightning rod installed on the roof of your building.

### 2. Metal Carports Aren't Attractive.

When you install a carport, you can make it look like a part of your property. Many carports are designed to look like a barn or a garage.

### 3. Metal Carports Interfere with Cell Phone and Wi-Fi Signals.

There's no need to worry about this. Metal carports don't interfere with cell phone or Wi-Fi signals.

**Pro Tips On: Your Carport** is an invaluable resource to help consumers make informed choices about what they need and communicate those needs to their builder. This 144-page, must-have book helps teach consumers what they need to understand to build the protective carport of their dreams.

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[protipsaffiliate.com](http://protipsaffiliate.com)



# Office Space

## WORLDWIDE STEEL BUILDINGS

[www.worldwidesteelbuildings.com](http://www.worldwidesteelbuildings.com)

**CONTRACTORS:** CCS Construction Services

**ARCHITECT:** AEC

**LOCATION:** Peculiar, MO

**SIZE:** 50' x 80' x 18'

**BUILDING SYSTEM:** Worldwide Steel Buildings

**DOORS:** Harvard Door

**WALL & ROOF PANELS:** Central States Manufacturing H-loc

**INSULATION:** Kansas Closed Cell Spray Foam and Bay Insulation

**FASTENERS:** SFS Fasteners

**POSTS & WOOD ACCENTS:** Elmwood Reclaimed Timber

**FOUNDATION:** Complete Structural Design

**TRUSSES:** Worldwide Steel Buildings

The customer looked for the best product that would save them time and money on interior finishing cost, was strong and would go up fast. The Tube leg building from Worldwide Steel Buildings allowed them to sheet rock to the perimeter walls with no intrusions into the finished building. It has a history of being the strongest and went up fast. The other factor was being able to customize the building with dormers, wrap around porch and use of other exterior products verses just sheet metal. Building offered a full mezzanine for economical square foot pricing.





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# Residence & Garage

## SMARTBUILD

[www.smartbuildsystems.com](http://www.smartbuildsystems.com)

**BUILDERS:** Cedar Valley Post Frame LLC  
and Russo Construction

**DOORS:**  
Thermatru

**FRAMING:**  
G. Russo Construction

**HOME LUMBER:**  
AD Moyer and Lezzer Lumber

**ROOF PANELS:**  
Everlast Roofing

**WINDOWS:**  
Wincore

**GARAGE LUMBER:**  
Rigidply Rafters

This was a combination of post and stick frame. G. Russo Construction LLC stick built most of this and Cedar Valley Post-Frame LLC skinned it in steel. The side with the two upper black doors was post and beam construction constructed by Russo. Cedar Valley Post Frame constructed the garage post-frame to match, however, the garage was constructed for storage prior to the work on the house. Cedar Valley found working with a company with the skills and communication Russo Construction provided was more than a pleasure. The owners of the two companies learned a lot from each other throughout the project and have become good friends since. Their knowledge of conventional construction and post-frame construction, respectively, is excellent, so Cedar Valley is always happy to refer to G. Russo Construction when people contact them for stick frame type construction.







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# Warehouse

## RIMMER & ROETER CONSTRUCTION, INC.

[www.rimmerandroeter.com](http://www.rimmerandroeter.com)

### LOCATION:

Quincy, WA

### ARCHITECT:

Graham Baba Architect

### CONTRACTORS:

Rimmer & Roeter Construction

### SIZE:

24,356 sq. ft.

### BUILDING SYSTEM:

Butler Manufacturing

### DOORS:

Expi-Door Series 500

### WALL & ROOF PANELS:

Morin-SLR-16-0

### SNOW GUARDS:

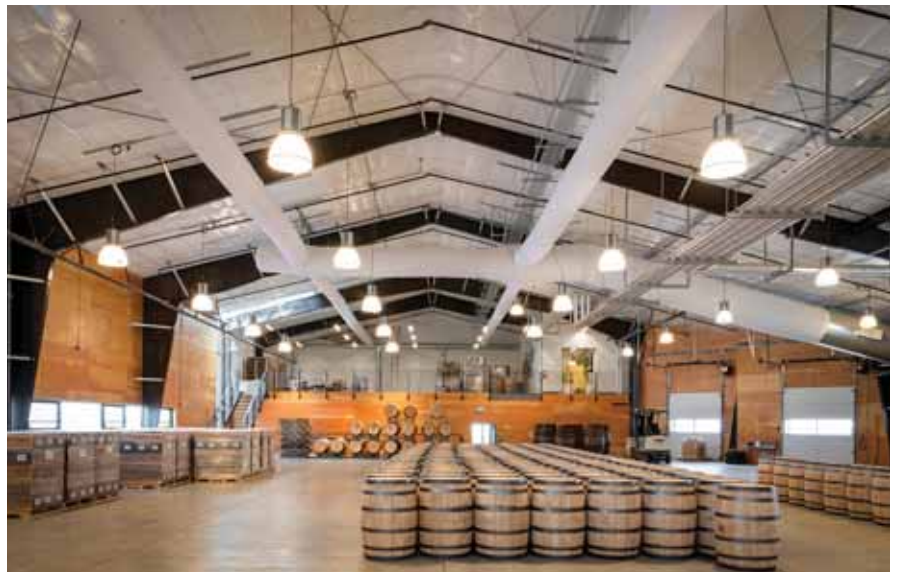
S-5 Bryer Co.

### FOUNDATION:

Concrete Slab

These 24,000 square foot metal buildings were pre-engineered for storing barrels of whiskey. Industrial-modernist in style, this warehouse houses Woodinville Whiskey.

Maintaining the simple, rectilinear gabled form and dark brown hue of the Woodin-







ville distillery, located 160 miles away (in Woodinville), the new complex's structures are clad in dark metal siding and Kebony modified wood. Large Corten-clad sliding barn doors and bands of Corten siding at key locations combine to evoke the warmth and character of the whiskey.

Selected materials were chosen for their aesthetics, durability, sustainability, ease of construction and connection to the materiality of the original distillery located in Woodinville, Washington. "Kebony was a natural choice for the front facades as the clients wanted the warmth of wood, but the material had to be durable enough to withstand the extreme heat and cold of eastern Washington's weather, without re-

quiring continuous maintenance," Tillack said. "For us, it was a perfect fit due to the beauty of the product, its sustainability and the ease of installation with the use of Kebony's rainscreen system."


The transition between office and process areas is demarcated with a long vertical window that folds from wall to ceiling,



transforming into a skylight. Horizontal windows on the north wall of the processing area frame the adjacent agricultural landscape and farmstead. A row of skylights provides natural daylighting into the processing space, while south-facing photovoltaic rooftop panels provide a renewable source of electricity.





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# Residential Shop

## ALPINE BUILDERS

[www.alpinebuilders.com](http://www.alpinebuilders.com)

**LOCATION:** Somers, MT

**SIZE:** 54' x 36' x 14'

**DOORS:** Raynor

**WALL AND ROOF PANELS:**

Post rib from Triad Building Components

**VENTILATION:**

Flo-Vent-Ridgecap Vented Soffit

**FASTENERS:**

Levi's Building Components

**POSTS:**

Triad Building Components

**TRUSSES:**

Quality Truss & Design

**FOUNDATION:** Monolithic Slab

The customer wanted a residential shop with covered lean-to for additional parking and storage. This rustic-looking build fills the bill handsomely.







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# Hobby Shop & Lounge

**CEDAR VALLEY POST-FRAME LLC**

[www.cedarvalleypf.com](http://www.cedarvalleypf.com)

**SIZE:** 30' x 74' x 10'

**DOORS:** Plyco and Haas Palmerton Garage Doors

**ROOF PANELS:** Everlast 27 ga., Omni

**FASTENERS:** Everlast Woodbinder

**FOUNDATION:**  
Poured Concrete with collars

**INSULATION:** R-21 Walls, R-38 Ceiling/Roof, Double Bubble Roofing Underlayment

**POSTS:** 3 & 4 -ply Glu-Laminated Columns

**TRUSSES:** Rigidply Rafters Scissor and Attic Styles

**SOFTWARE:** SmartBuild Systems Design Solutions

**SPECIAL INTERIOR COMPONENTS:**  
Floating Staircase, Split System HVAC

The customer approached Cedar Valley Post-Frame with the objective of creating a shop for storing some of his car collections, with the versatility of being able to do some light maintenance on them. In addition, the customer wanted a lounge attic space capable of holding a pool table. After gathering all of the customer ideas, Cedar Valley brought them all to life. The result was an exterior that matches the home and other shop on the property, but when you walk inside, it's a showroom.

The first 30' from the left is cathedral style ceilings to allow for several four post lifts for additional storage. The interior was designed specifically for ease of hanging storage cabinets and signs. With a steel wainscot, then transitioning to four feet of pre-painted 1' x 8' T&G pine, then finishing the last two feet in steel, the results are useful and versatile.





The stairs were pre-painted and designed with a custom on-site built cable railing leading to an upstairs attic space finished in drywall on all vertical walls, vinyl flooring and the same 1' x 8' T&G pine on the ceilings throughout the entire building.

The large 16' dormer was a bit of a challenge; due to the pool table, a beam had to be installed down the center of the floor

to support this weight if the pool table was ever moved to this location.

In the end, it is one of the most luxurious and beautiful buildings we have done. We're very pleased with all of our workers and subcontractors for taking the extra time to work with us and the customer very closely to bring this all together.



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# Corporate Headquarters

## MYCON GENERAL CONTRACTORS

[www.mycon.com](http://www.mycon.com)

### LOCATION:

Bryan, Texas

### SIZE:

11,518 sq. ft.

### DOORS & WINDOWS:

Ceco HM Doors & Frames; Old Castle Aluminum Store-front System

**WALLS:** Centria Horizontal Metal Wall Panels

**ROOF:** 60 Mil Versico TPO Membrane Roof

### FOUNDATION:

Slab on Grade

### INSULATION:

Rigid and Batt Insulation

### TRUSSES

Nucor Steel Joists & Metal Roof Deck

**POSTS:** Structural Wood Systems' Glue-Laminated Wood Beams & Columns

**INTERIOR:** Architectural wood paneling, wood grill ceiling at lobby, Armstrong Soundsoak Paneling at Boardroom

**VENTILATION:** Hunter Douglas Wood Look Soffit Panels

**DETAILS:** 3Form Symphony Ceiling clouds at lobby

The Marvin Tate Coordination Complex Center is Brazos Transit District's (BTD) new corporate headquarters. Its purpose is to centralize all administrative, training, and operational resources for the 23 counties that BTD serves. After writing six different grants and four years of planning, the 11,518-square-foot Coordination Complex Center is a 100-percent Americans with Disabilities Act (ADA)-compliant building. The building features offices, meeting spaces, a distinguished and adaptable board room with the latest built-in accessibility features, and lobby space highlighting BTD's rich local history.





The biggest problem faced during this project was supply chain delays. The project was started during the onset of the COVID-19 pandemic. Several traditionally long lead items took additional time to procure due to factory shutdowns and reduced labor forces. The constant communication with subcontractors and suppliers and through early release of as many of the long lead items as possible, MYCON successfully maintained the project schedule and exceeded the owners' expectations.

MYCON was also able to continue ongoing daily construction activities without delays while maintaining active operations of the client's facilities. This was achieved through clear communication with the client to fully understand how the facility operates.





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# DNR Offices

## MIDSTATE CONTRACTORS

[www.midstatecontractors.com](http://www.midstatecontractors.com)

**LOCATION:**  
Sandusky, OH

**SIZE:** Approx. 8,000 Sq. ft.

**BUILDING SYSTEM:**  
Dimensional Metals  
Incorporated

**DOORS:** Mesker's Steel Entry  
Doors, Hager Hardware

**WALL & ROOF PANELS:**  
Green Galvalume Aluminum  
Standing Seam

**VENTILATION:**  
Dimensional Metals Soffit  
and Ridge Vent

**FASTENERS:** Panel Screws

**SNOW GUARDS:** S-5!

**S**andusky, Ohio's DNR Fisheries Research Unit required a standing seam roof replacement to match all other Ohio DNR buildings. The fish research unit is right on the lake shore where they have direct access to the water and fish.

We were hired to demo the existing roof of the building and install new Dimensional Metals Incorporated standing seam green galvalume panels. The existing vents stayed but were painted to match the new panel color. Along with roof panels, we also installed soffit and ridge vents and we replaced a few steel entry doors.







# Residence

## COVER'S CONSTRUCTION LLC

[www.coversconstruction.com](http://www.coversconstruction.com)

### LOCATION:

Desoto, IA

### ARCHITECT:

Midwest Manufacturing

### SIZE:

50' x 99' & 36' x 54'

### DOORS:

Anderson

### BUILDING SYSTEM:

Midwest Manufacturing

### WALL & ROOF PANELS:

Menard's Pro Rib

### FASTENERS:

Midwest and U2 Fasteners

### POSTS & TRUSSES:

Midwest Manufacturing

### WINDOWS:

Jeldwen Windows

The customer wanted a modern farmhouse feel. The house is 4950 sq. ft. with open concept kitchen, living and dining room, 4 bedrooms, 3½ baths, music room, laundry, mechanical, and lots of storage throughout. There is in-floor heat and polished concrete. The house sits on over 100 acres with some of the best views in Dallas County. We installed a storm shelter in the garage since there is no basement and an HVAC system for cooling, ventilation and backup heat. Special exterior touches include the front door accented with stucco siding; the open trusses and posts are cedar wrapped. The four car garage features a car lift for servicing vehicles.





# Park Gazebo

**FIFTHROOM.COM**

[www.fifthroom.com](http://www.fifthroom.com)

**ARCHITECT AND CONTRACTOR:**

FifthRoom.com

**LOCATION:**

Rosehead Park, Perry, Florida

**SIZE:**

60' x 100'

**BUILDING SYSTEM:**

Fifthroom.com

**ROOF:** Tamko Shingles

**FASTENERS:**

Simpson Strong-Tie Fasteners

**POSTS:** 8' x 8' Laminated Posts

The City of Perry Florida was looking to redesign and renovate a down town park. This included a “Farmers Market” that can also be used for other gatherings, concerts, etc. Working with Fifthroom Project Advisor, CAD and engineering teams, this dream became a reality, on schedule and at budget. This project received a State-wide award for ‘Outstanding Public Improvement’.

The town was so happy with this Double Roof Treated Pine Gazebo, that Fifthroom also provided a 65' amphitheater and a 48' x 60' Picnic pavilion in the two years that followed, and two other utility buildings as well.







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# Event Center

**STILLWATER METAL, LLC**

<http://stillwater-metal.com>

**SIZE:** 60' X 120' X 18'; Closed patio 15' X 64';  
Open Patio 15' X 32'

**DOORS:** Clopay Overhead, Provia Walkdoors

**FASTENERS:** ST Fastening

**INSULATION:** Spray Foam

**POSTS:** Nail-Lam Columns

**WALL & ROOF PANELS:**  
Stillwater Metal Ag Panels, Black Crinkle Finish

**TRUSSES:** Graber Post Scissor Trusses

**VENTILATION:** MWI Components Uni-Vent

**WINDOWS:** Provia

**CUPOLA:** MWI Components 2- 36" Louvered side  
Cupola and 1- 48" window side MWI Component Cupola  
with Universal Powder Coated Bases



**A**nywhere With You Acres started planting pumpkins in 2018 and have grown into a fall farm that features a U-pick patch, retail pumpkins, mums and a corn maze. More info can be found on the farm at Anywhere With You Acres. In 2021 we set out to build a new barn that functions as both our retail store in September/October and is an event venue for the rest of the year.

This family owned and operated farm who focuses on affordable products and fun for the whole family.

In the spring of 2022 we are adding on to the back side of the building to add bathrooms, dressing rooms and another open patio area.







# Event Venue

## METAL EXTERIORS

[www.metalexteriorsroofing.com](http://www.metalexteriorsroofing.com)

### CONTRACTORS:

Sunrise Builders

### LOCATION:

Bellville, OH

### SIZE:

32' x 36' x 14'

### WALL & ROOF PANELS:

Metal Exteriors

### VENTILATION:

Marco Industries LP2 Ridge Vent

### FASTENERS:

Levi's Building Components

### SOFFIT AND FASCIA:

Holmes Manufacturing  
Aluminum

### GUTTERS:

6" K-Style Gutter

The Meadowwood wedding venue project was the vision of the owners to increase interior space in this amazing building. The addition to the old 1820's bank barn turned out fantastic. The project kept the old style timber frame from the existing barn on the interior and was upgraded on the entire exterior with Metal Exteriors Metal Batten Siding and Metal Loc 1.5 standing seam roof. These products will allow this venue to last for another 100 years!





# Summer Camp Buildings

**MBCI**

[www.mbc.com](http://www.mbc.com)

**BUILDER:** Red Dot Buildings

**ARCHITECT:** Luna Architects

**LOCATION:** San Antonio, Texas

**ROOF PANELS :** MBCI Ultra-Dek®, Fern Green

**WALL PANELS:**  
MBCI PBR Panels

**SOFFITS:** MBCI Artisan®,  
Fern Green

**INSULATION:**  
Silvercote

**FASTENERS:**  
Dallas

**M**organ's Wonderland Camp serves as an 102-acre recreational getaway for anyone with and without special needs. It is a fully inclusive attraction where "people of all ages and abilities can come together for fun and a better understanding of one another," according to the camp's website. It offers summer-camp-type experiences for up to 500 campers and staff at a time.

The design goal was to create an enjoyable environment for everyone. The client wanted products that had varied color options and durability to stand the test of time.

Several manufacturers were considered, and MBCI had the products, colors and profiles that would work best for the Morgan's Wonderland Camp project. MBCI metal roof and wall panels were used on three of the main buildings in the facility, chosen because of the manufacturer's wide selection of offerings.

Red Dot Buildings of Athens, Texas, a long-time customer of MBCI, constructed the dining hall, arena and maintenance building using a plethora of MBCI products. For the dining hall, the list of 24-gauge panels includes Ultra-Dek® for the roof in Fern Green (35,958 square feet); Artisan® for the soffit in Fern Green (8,980 square feet) and Desert Sand (2,714 square feet); PBR for the wall panels in Desert Sand (13,410 square feet), Fern Green (241 square feet) and Galvalume Plus® (84 square feet); and PBC for the wall panels in Desert Sand (1,223 square feet) and Galvalume Plus (359 square feet). The







arena features 38,694 square feet of 24-gauge PBR roof panels in Galvalume Plus.

The arena is a combination building, housing indoor basketball courts on one end with a creative art studio on the opposite side. The roof had a few valleys, but nothing difficult for Red Dot Buildings to handle. The arena was a very clean traditional pre-engineered arena with over 40 polycarbonate skylight panels within the roof system to provide natural light during the day for the riders below.

The maintenance building features 26-gauge PBR panels in Charcoal Gray (12,422 square feet) on the roof and in Desert Sand (6,713 square feet) on the walls plus 20 polycarbonate skylights.

MBCI and Red Dot Buildings are proud to be a part of a non-profit project that will serve a vital need for decades.



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# Fire Department

**PAC-CLAD | PETERSEN**  
[www.pac-clad.com](http://www.pac-clad.com)

**LOCATION:**

Prince Frederick, Maryland

**SIZE:** 30,000 sq. ft.

**DOORS:** Overhead Door Company

**ROOF PANELS:** PAC-CLAD | Petersen Tite-Loc Plus Tite-Loc Plus, 22ga steel

**WALL PANELS:** PAC-CLAD | Petersen Reveal Panels, .040ga alum, 7"W, 4000 sf

**INSULATION:** Masonry Walls Rigid

**TRUSSES:** Nucor Pre-engineered Metal Building

**VENTILATION:** Daikin Mini-Split System

**WINDOWS:** Kawneer

This new 30,000 sq. ft. fire department designed for the Prince Frederick Volunteer Fire Company by Bignell Watkins Hasser Architects functions as both an operations base for the fire department staff as well as gathering space on the second floor for meetings and large events for community members. It even includes a public museum. Space is dedicated for department use only. The design also separates living space from contaminated areas such as the garage and wash bay. The entire building is protected with a standing seam metal roof, plus metal siding panels that match the roof to enhance design cohesion.







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## INDEX OF ADVERTISERS

**ASK THESE ADVERTISERS ABOUT THEIR PRODUCTS TODAY!**

Company	Page #	Company	Page #
AceClamp.....	5	Metal Rollforming Systems.....	5, 51
Acu-Form .....	33, 61	Metalfarming.....	3
AIRAM Press Co Ltd.....	33	MFM Building Products.....	27
ASC Machine Tools Inc.....	5, 33	MWI Components.....	CVR, 5, 11
BECK America Inc.....	53	MYCON General Contractors, Inc.....	CVR
Bradbury Group, The.....	34	Perma-Column LLC.....	CVR, 5, 23
Chief Buildings.....	29	Pine Hill Trailers.....	33
Direct Metals Inc.....	34	Plain Communities Business Exchange .....	34
DrIpStop Condensation Control.....	5, 7, 34	Planet Saver Industries .....	34
Drexel Metals - Carlisle Construction Group .....	5	Plyco Corporation.....	5, 15
Dynamic Fastener.....	IFC, 5	Reed's Metals.....	35
East Coast Fasteners .....	57	Rigidply Rafters.....	45
E-Impact Marketing LLC .....	33	Ritchie Industries Inc.....	25
Everlast Roofing, Inc.....	68	S-5!.....	5, 47
Golden Rule Fasteners.....	33	Safe-Way Garage Doors .....	34
Hixwood.....	CVR, 37	Starwood Rafters.....	63
Janus International.....	67	Stockade Buildings.....	33
Levi's Building Components.....	19	Tando / Derby Building Products .....	CVR
Marion Manufacturing.....	34	Trachte Building Systems .....	17
Maze Nails .....	5, 13	Union Corrugating.....	34
Metal Exteriors .....	CVR, 33	United Steel Supply.....	35
		Wick Buildings .....	5, 21

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