



Classic Competition



Gathered Oaks

Gathered Oaks



Participant information

Enercept, Inc.

Charlie Ewalt-Roberta Bartel-Neal Mack

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Website: www.enercept.com

Category: Renovations

High Performance: No

Project information

Gathered Oaks

Alexandria, MN 56308

Date Completed: 06/2017

Dimensions of building (all floors of multi-story building):

34' x 50' basement

34' x 50' main floor

34' x 23' loft

45' x 50' additional main floor

45' x 50' additional basement

Total sq. ft. of conditioned space: 8,680 sqft

Built By (if different than applicant)

Rodel Construction

Jeff Rodel

PO Box 81

Alexandria, MN 56308

Panels Manufactured By: Enercept, Inc.



Gathered Oaks

**Designed By (if different than applicant - SIPA will only recognize members)**

Woodland Home Design
Kim Green
PO Box 847
Alexandria, MN 56308

Total sq. ft. of conditioned space: 8,680 sqft

Describe the end use of the building:

Gathered Oaks is a unique venue located in a serene setting where guests can dwell in congruence with nature. The venue hosts retreats, corporate outings, reunions, weddings/receptions and other special events.

How did SIP construction help you get this job?

The main reason the owners (who have a similar sister property in Moorhead, MN) chose to use SIPs for this project because they had events scheduled for summer and they needed a fast track to the construction process. SIP construction on this property began in January.

SIP wall thickness and core material: 6' EPS walls

SIP roof thickness and core material: 10" EPS roof

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

SIPs made for an easy fit over the existing barn roof because the panels were pre-cut to fit the angles and barn design. They were able to enclose the timbers quickly, facilitating the ability to access and finish the interior faster. Enclosing the timbers quickly also protected them from the snow and rain of the season. The SIP construction will make the venue more comfortable, quieter and stronger.

Describe any innovative design elements or structural engineering involved:

The existing building was racked and about five years from falling down. It was a five-dimensional puzzle. Once squared, they reinforced the structure with timbers, and insulated the wall cavities with spray foam, and 10" SIP nail base was put onto the outer roof before building the timber frame addition.

Describe the HVAC system used on the project:

The building and addition are heated and cooled with a high efficiency forced air system.

Any additional comments on the project:

High density spray foam was used in the walls of the existing building along with rigid foam insulation around the new foundation on the existing barn and new addition. They installed triple pane energy efficient windows. The timbers used are Box Heart Doug Fir - this makes the timber show age more quickly to better match the rustic barn look. Reclaimed barn wood was used for the interior finishes. This renovation saved the existing barn from certain destruction. They were open in time to host their first event on June 17, 2017, The venue is currently booked every weekend for the summer months of 2018.

Photo view description

Gathered Oaks







Photo view description

Gathered Oaks



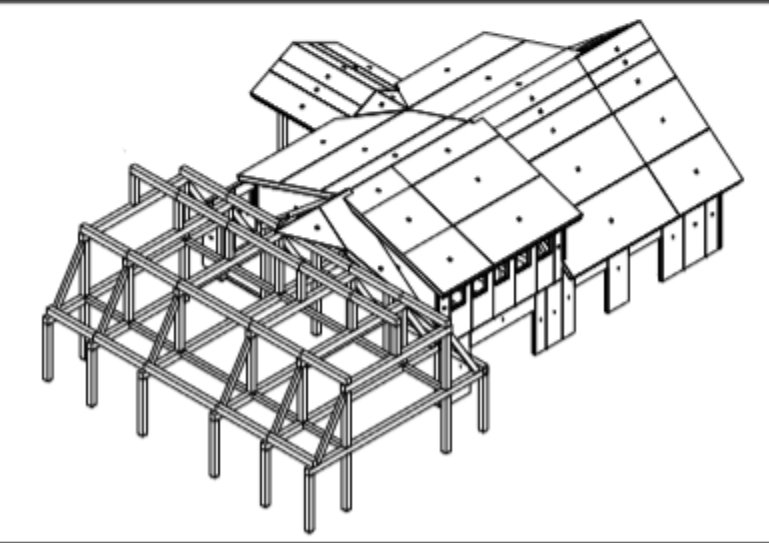
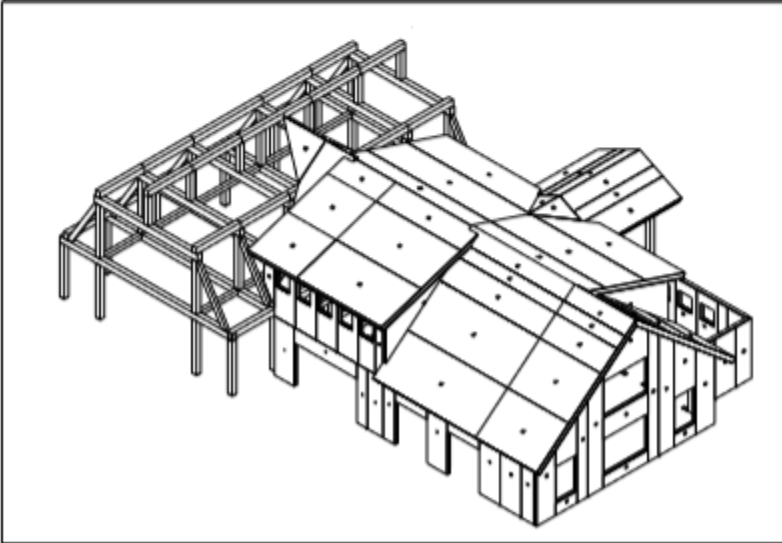
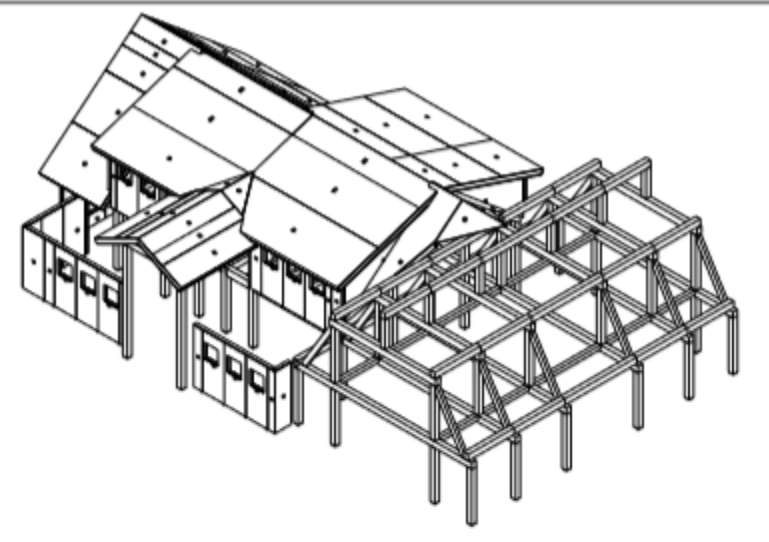
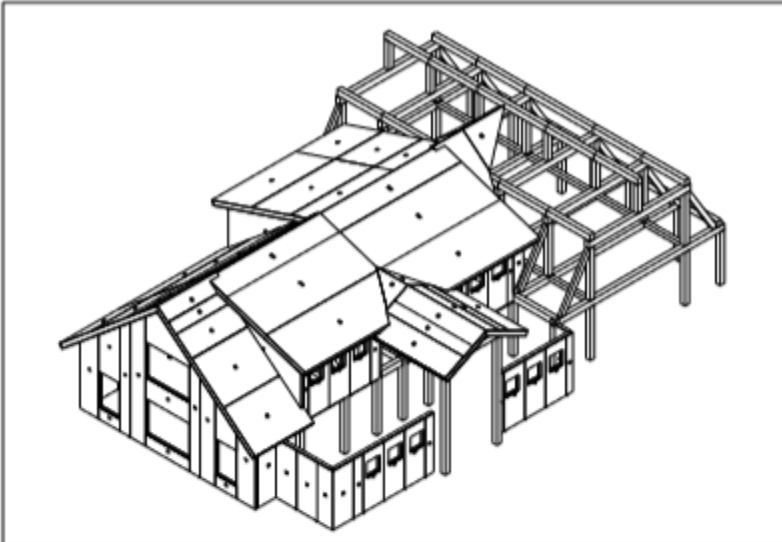
Photo view description

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NOTES:
REV # 1-10-17
WORKS AFTER REVISION,
CHECK THE DRAWING

GATHERING OAKS ADDITION	
DATE: 10/10/16	3D ELEVATIONS
SHEET: 6 OF 6	