Participant information

Extreme Panel Tech., Inc.
Perry Penske
P.O. Box 435
Cottonwood, MN 56229

Phone: 800-977-2635

Email Address: info@extremepanel.com

Website: extremepanel.com

Category

Agricultural

Project information

DeGree Farms
13501 184th Avenue NW
Berthold, ND 58718

Date Completed: Nov 2013

Total cost of project (exclusive of land): --

Dimensions of building (all floors of multi-story building): 50' x 60' x 18' Sidewalls

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 3000 sq. ft.

Built By (if different than applicant)

DeGree Construction
Curt DeGree
808 North 27th Street
Bismarck, ND 58501

Phone: 701-220-8444

Panels Manufactured By

Company Name (members only): Extreme Panel Tech., Inc.

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

Extreme Panel Tech., Inc.
P.O. Box 435
Cottonwood, MN 56229

Phone: 800-977-2635

Describe the end use of the building: Farm Shop

How did SIP construction help you get this job? Bruce DeGree lives in a SIPs home

SIP wall thickness and core material: 6" & 8" Walls consisting of 7/16" OSB and expanded polystyrene

SIP roof thickness and core material: 10" Roof Panels

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy? Limited amount of time for self help project with farm work, etc.

Describe any innovative design elements or structural engineering involved: Used fox block ICFs to address site elevation changes and Starwood Rafters for added head room.

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, or local green building programs. Only list certifications that are completed:

HERS Index (residential projects):

Blower door test results (ACH50) (residential projects):

Energy use intensity in kBtu/ft2 (commercial projects):

Additional Information or Explanation: ---

Describe the HVAC system used on the project: Hydronic Floor Heat

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the R-value of any insulation materials: Used 2" Neopor underslab, 3" thermal door from Midland and also cool steel from Fabral -- standing seam on roof and grandrib 3 on sidewalls. Imperva foam fill windows from Pella (Low E& Argon)

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar: ICF foundation built into side hill, Pella windows, Thermal overhead door and Fabral cool steel

Were any solar panels installed on the project? If so, indicate the size of the system: --

Please list any sustainable materials or design features not listed in the previous pages, such as recycled materials, low-VOC finishes, landscaping, etc.:

Any additional comments on the project: Have a few people show a great interest in the concept and are looking at similar projects