

February 19, 2010

Dear HDC Board Members,

In the time since I was last here we have spent considerable time reviewing many different barn options for the project we discussed at the January HDC meeting.

Due to the unusually small size barn we are interested in (25 x 40 footprint) we haven't had a lot of luck finding one that meets those specifications that is in a condition worth moving. We have, however, learned that larger barns can be cut down to meet our specific size needs.

We have also learned that when barns are moved it is uncommon for the *entire* structure to be moved. Usually roofing and siding material that is very old is replaced. Our understanding is that if the barn is old enough, these features have usually been replaced a few times in the barn's history. If the roof has been maintained over the years, the structural timber frame will last and this is what enables a to survive and find new "life".

We *have* located a barn dated 1867 in storage that may work well for our needs. This Ortonville, MI barn was dismantled a few years back and has been in undercover storage since then. The primary timbers of this barn are hand hewn and in excellent condition. The original roof of this barn was a gabled one – we would like to have the roof structure reconfigured into a gambrel – the type of barn roof most commonly found in our immediate area.

The reconstruction would utilize the primary timbers from the Ortonville barn in addition to new materials that would be circular sawn – historically accurate according to our barn-wright, Ken Brock of Legendary Timberworks. The exterior siding suggested to us would be rough milled, 1" x 12" tongue & groove pine, painted barn red. (Paint color sample will be brought to HDC meeting.) We would like your input on the utilization of a charcoal grey, metal roof. (Color sample will be available at meeting.) From what we have learned, modern metal roofs are extremely long-lived and would preserve the structure well. As said, a lot of the older barns out there have not survived due to the fact that the roofs were not maintained appropriately. Our hope would be to have a roof on this structure that would enable it to be carried into the next century. We have had Fabral metal roofs recommended to us – details below.

Your packet includes drawings of the barn as it would look reconstructed with as many details as possible including lighting, door hardware, visible foundation materials, windows and door configuration shown.

We are happy to clarify any of the information provided here. Feel free to email or call us at home.

Sincerely, Nathaniel & Bryn Brock
248-650-9382 – nlbrock@mac.com

Barn Details

Right/Southeast Elevation double doors would be like the white door below.

All doors, aside from the large double barn doors on the “front” elevation would be similar to the white door below with windows in the top half. On the “rear” elevation, the single entry door on the left would be a “dutch door” – a door that splits in the middle allowing you to open just the top. The double doors on the right would be large enough to open and allow a vehicle to enter – see red door below for size, not style. All doors would be painted red with black strap hinges and black hardware.



The barn doors would have hardware as pictured below.



Exterior lighting – black lanterns for each side of right/southeast facing door as well



as next to the doors on the rear/northeast elevation

We would like to use traditional security lighting for the four corners of the barn.



Sikkens Wood Finishes for Barn Exterior

Rubbol® Siding Finish

Color – Navajo Red – Sample Color available at meeting

Type

Solid

Sheen

Low Sheen

Description

Hybrid alkyd/acrylic solid color wood stain

Usage

Siding, trim, fences, shakes, shingles, logs, garage doors

Features

Best properties of both acrylics and alkyds, multi-use and easy to apply

Technology

Hybrid Alkyd/Acrylic

Fabral Metal Roof – Fabral.com



1-1/2" SSR

A classic style metal roof with narrow batten seams. Designed for longevity against rain, snow and wind, 1-1/2" SSR will provide elegance and durability for your new commercial or residential roof.

Windows – while we haven't settled on a specific window company yet, we have used Marvin Windows in the past and will consider them. Windows will be as represented on barn drawings with divided light.