



HIP ROOF BARN WITH ENTERTAINMENT AREA
BLLENHEIM, ONTARIO

48' x 64' Hip Roof Barn with a 30' x 50' Entertainment Area



DESIGN AND CONSTRUCTION TEAM

OWNER:
 Dr. Martha Clendenning

CONTRACTOR:
 Timbertec Construction Inc.

ENGINEERING:
 Chet Liu P.Eng.

DESIGNERS:
 Y.C. Liu Engineering

This barn with entertainment area is the 2010 winner of the Canadian Farm Builders Association award for hobby/recreational projects.

- This was a unique project where the owner had a love for history and an aging barn that was no longer structurally safe.
- The old barn was taken down and the best beams were saved.
- The limestone foundation was taken down and all the stones were cleaned of mortar and saved.
- The main barn was rebuilt using all new Douglas fir timbers to replicate the old barn structure.
- The old limestone was relayed on the bottom of the walls for an exterior facade.
- Prefinished wood batten board siding was used for the remainder of the exterior finish.
- Incorporated into the 48' x 64' structure was:
 - storage area
 - 16' x 16' workshop

- mechanical room
- 24' x 48' loft area open to view the barn timber work and display antiques

- The 30' x 30' entertainment area was built with both a rustic and modern look.
- The old barn beams were cleaned and sealed and used for interior wood truss accents.
- The old limestone was used for the fireplace that went from floor to the ceiling.
- The kitchen was designed around using old cupboard doors from the early 1900's that were refinished and reused on the new cabinets.
- Stained glass windows from an old church in the area that dated back to the late 1800's were repaired, refinished and used in the new room.
- A rustic cherry floor was used for flooring.
- Drywall and paint was used for wall and ceiling finishes accented by custom made cherry trim.

