



## LOG CABIN MAPLE SYRUP PROCESSING FACILITY & PAVILION

### DESIGN AND CONSTRUCTION TEAM

OWNER:  
Bob Suriwka

CONTRACTOR:  
Alstructural Handling Inc.

ENGINEERING:  
A - D Engineering Group Ltd

## Log Cabin Maple Syrup Processing Facility & Pavilion



This log cabin maple syrup processing facility and pavilion is the 2008 winner of the Canadian Farm Builders Association award for hobby/recreational projects.

### Log Cabin Maple Syrup Processing Building

- 24' X 32' square log ecolog cabin kit with 29ga pre-painted Analex Metal c/w two roof dormers
- 8' X 32' post & beam front porch with hemlock decking
- 8" X 8" eastern hemlock wall timbers c/w chinking
- 6" X 8" timber frame truss system with threaded bolts
- Interiors gables insulated with R20 batts and covered with 1" X 6" T&G pine
- 1 1/2" X 12" solid hemlock plank floor screwed & dowelled
- 4" X 12" custom made hemlock timber stairs
- Refurbished 120 year old pot belly stove on a slate floor hearth
- Electrical powered by 16KW generator & two 30W solar panels hooked to run night lights

### Self Contained Maple Syrup Pavilion

- 24' X 32' timber frame open walled pavilion with 29ga pre-painted Analex roofing & trims
- 8" X 8" eastern hemlock post timbers on 8' centers
- 6" X 8" timber frame trusses 10/12 roof pitch
- 2' high X 8' long steam venting windows with rope & pulley operation
- 5" concrete floor
- 4' X 8' stainless steel wood fired evaporator
- 16KW generator with underground wiring & 100 amp panel

