

414 South Burdick Street • Suite 300
Kalamazoo, Michigan 49007

Ph. 269 / 383-3111
Fax 269 / 383-3112

PROJECT

The Refuge
Oak Grove, Minnesota

CLIENT

Thistlewood Timber Frame Homes

SCOPE

Provide design and detailing of critical timber members and joints in a 12,000 sf timber-framed clubhouse located in a high-snow load area. Design for wind loading using structural insulated panels for roof diaphragm and conventional stud shear walls for interior bracing. Design complex joinery for frames and asymmetrical timber trusses using both traditional wood-pegged mortise-and-tenon joinery and steel plates and bolts. Design 30-foot-diameter timber-framed gazebo with lateral loads resisted by knee braces. Provide timber-frame shop drawing review.

DATE

2004

