



Wood WORKS! is an industry-led initiative, spearheaded by the Canadian Wood Council, to promote the use of wood in commercial, industrial and institutional construction.



# Parkwood Mennonite

## Long Term Care Facility

726 New Hampshire Street, Waterloo, ON N2K 4M1

**Size:** 74, 270 square feet **Building Classification:** B2 and A2  
**Use:** Long Term Care Facility **Date Completed:** October 2004  
**Architect:** Dwight Lander & Greg Poste, MMC Inc. Architects



### WOOD USED at PARKWOOD

- Structural and non-structural wood studs for interior and exterior wall framing
- Engineered wood floor & flat roof system including prefabricated trusses & dimensional lumber
- Plywood and OSB wall, floor & roof sheathing
- Douglas Fir timber roof framing & supporting columns
- Structural insulated panels (SIPs) at timber frame areas
- Wood interior finish cladding
- Custom wood doors and windows in selected areas
- Wood millwork, baseboards, handrail & backer boards

Wood's importance as a design element is threefold. First, it was the most cost effective building material, permitting the owner to achieve all functional requirements within the construction budget. Second, the exposed timber frame roof elements and timber clustered column arrays create an organizing design element that intuitively leads visitors and users through the facility. Finally, in the multi-purpose room and adjoining chapel, the heart of this facility, the warmth of the Douglas fir timbers, interior cladding, wood windows, and sliding wood partition doors create an inviting and hospitable atmosphere, and the high ceilings offered from the timber framing allow natural light to flood the interior.

The requirements of the Ontario Building Code building classification (for combustible assemblies) were met by subdividing the facility into three separate buildings, and by using fire-walls and sprinklers. The bedroom wings use conventional wood frame walls and engineered wood floor and roof joists. The public central wing also uses wood frame walls and engineered wood roof joists. The entry canopy, interior street, multi-purpose room and chapel are framed with heavy timbers for the roof structure and structural insulated panels to highlight the timber framing.



**For more information contact:**

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