



Intuit Canada Headquarters

Intuit Canada needed a new headquarters. The challenge? ... "Make it fast. Make it high tech. Make it inviting. Make it last."

Manasc Isaac Architects and Clark Builders' response to this challenge? ... Build it in wood using an integrated design process. With only 8 months to design and deliver the building, wood was the obvious choice – allowing for quick construction, timely material delivery and flexibility for change in the field, all with a low environmental footprint.

- State-of-the-art high-tech office building, software development site and call centre
- Budget: \$14.4 M
- Area: 8,600 m²
- Materials: engineered wood products, steel, split-faced concrete masonry
- CBIP Building: consumes 28% less energy, outperforms Model National Energy Code for Buildings


Manasc Isaac Architects
Edmonton, Alberta
2000



- Selections made throughout structure – walls, windows, roof, lighting, mechanical systems, adhesives, finishes, flooring – chosen for low VOC levels and were integrated to optimize performance.
- 6m spans of post-and-beam construction using engineered wood products afforded maximum flexibility with little or no cost for changes.
- Use of wood framing for walls, roofs, decks and terraces minimized thermal bridging and was a critical aspect of reducing heat loss through the building envelope.
- Exterior of building uses prefabricated wood-frame panels inserted into building’s skeletal frame after interior programming and office window design were finalized. System allowed for ongoing changes to window sizes and locations without delaying construction of building structure.
- Optimized solar orientation used to maximize penetration of daylight into the building and the inflow of heat absorbed by building mass to provide winter warming.
- Shading devices on exterior control glare and heat gain in summer.
- Expected operating cost savings/year: \$ 65,000.

Photo: Manasc Isaac Architects

Manasc Isaac Architects believe that “healthy, sustainable workplaces...improve productivity and reduce operations costs while reducing environmental impact.”



Architects:	Manasc Isaac Architects
Lead Architect:	Vivian Manasc
Engineers:	Reid Crowther & Partners
Electrical/Mechanical:	Keen Engineering
General Contractor:	Clark Builders
Source:	Manasc Isaac Architects