



Mechanical Design - Heating

Renewable Solar Heating & Domestic Hot Water - *all day, every day - even at night*®

SunPump for Homes - January 2017

☀ **Mechanical Design Service**

Are you building a Custom Home with radiant heating or renewable energy saving goals? We offer comprehensive solutions to create a professional plan you submit for a Building Permit and to coordinate the Installer trades.

\$ Lowest Design Plan Cost

We specialize our design niche to Mechanical Plans for radiant heating and model using Passive House, Net Zero, Built Green, LEED, and other advanced building standards. Our design experience lets you conserve the maximum amount of heat and water so the heating system is optimized.

↗ **50% Cost Rebate**

Our plans are value priced to start, starting at \$900, and averaging near \$1200 for a Energy-saving and Radiant plan set (<2000 ft²), with engineer stamped and signed for Permit approval requirements. You can receive a 50% rebate against the purchase cost of a SunPump package.

🌱 **Reduces Carbon Foot Print**

There is a satisfaction in doing your part to improve a sustainable future. The next generation deserves to inherit clean air, clean water and a healthy environment. Now you can reduce burning carbon fuels with clean renewable heating by solar energy - without paying more. Save water too!

☀ **Build A Better Home**

A quality plan is the surest way to achieve ultimate comfort and economy.



Green Builder Points

- Net Zero Energy Homes
- Built Green Canada
- Passive House
- LEED
- R2000 - EnerGuide



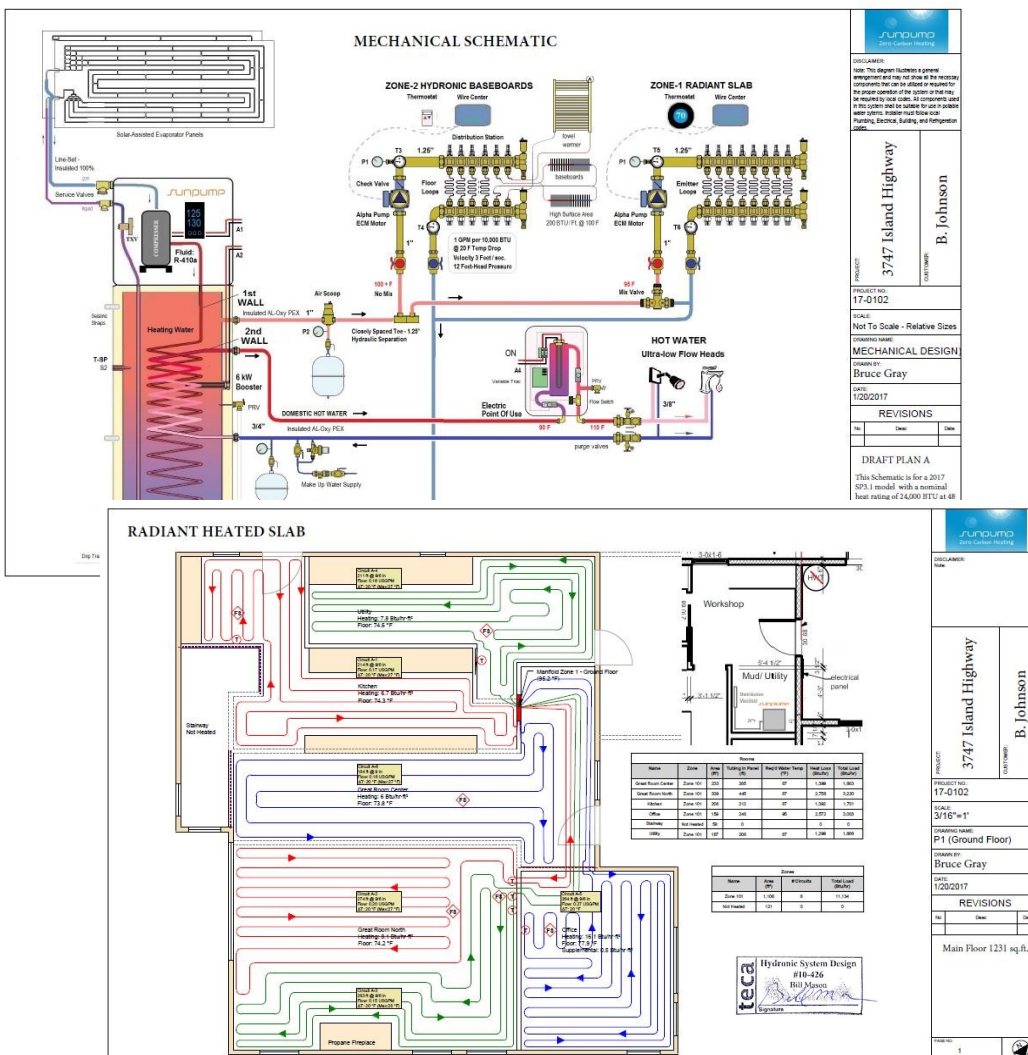
Canadian Passive House Institute





Radiant Heating Design Professionals

A great install begins with professional design work. Right-sizing requires a CSA-F280-12 or DOE-Manual-J room-by-room Heat Loss calculation. We take a whole building view of the relationships between thermal comfort and economy.



Sample Pages from a Plan.

A Design Plan Includes:*

- * Plan take-off to create a 3D energy model for CSA-F280 room-by-room Heat Loss and Gain calculation full report
- * A detailed Radiant Heating zone and circuit design report.
- * Climate and Heating summary for your location with regional insulation needs.
- * Engineer stamped and signed schematic to support your Permit application approval process.
- * Mechanical room diagram and rough-in stage guide.
- * Specifications for pipe size, pump flow, pressure drop, expansion tank, flow velocity, and related details.
- * Panel layout and manifold pipe connection drawings.
- * Other design elements may be purchased.

Contact Us Today

Let's discuss your projects, plans, partnership, distribution, or trade opportunity

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Installer Professionals

SunPump is sold through authorized Dealers and Heating Installation Professionals. Are you a Pro? Apply online.

Angel Investor

SunPump is accepting Angels in 2017. BC residents get 30% tax refund, plus RRSP option up to 44%.

www.sunpump.solar/angels