



Effective December 2004

PROGRAM REQUIREMENTS

HOUSING GOALS

In an effort to encourage energy efficient housing, **Yukon Housing Corporation** is offering home owners a preferred interest rate on mortgages for a certified **GreenHome**. Existing houses meeting the **GreenHome** requirement as-built, are not eligible.

REQUIREMENTS FOR ELIGIBILITY

1. An **EnerGuide** for Houses energy rating of 80 or better. *
2. The building envelope must pass an air leakage test.
3. The house builder is to be a Yukon Business or Yukon Resident as defined below.
4. A minimum of 75% of the total building materials is to be purchased through a Yukon Business.
5. New construction - an approved final report is required by the "Authority of Jurisdiction"
Existing Dwellings - YHCs' "*Health and Safety Minimums*" are to be met.
6. Ventilation system is to be approved by a GreenHome ventilation advisor, or Professional Engineer.

DESIGN: The design of the dwelling including building orientation, construction design, insulation levels, systems and component selection are all analyzed as a complete package for a total energy efficiency rating. The building designer will have to consider all these factors into the design (under the direction of an *EnerGuide Advisor*) to ensure that the overall result will meet the required *EnerGuide* rating of 80 or higher. Design goals and commentaries are addressed in YHCs' *Green Home Design Objectives*.

PLANS: The building plans are to be reviewed by an *EnerGuide Advisor* and approved as capable of meeting an *EnerGuide* rating of 80 or higher when completed. The building plans are also to be reviewed by a *Ventilation Advisor* and approved as capable of meeting YHC's ventilation requirements. The building plans are to be approved by the local "Authority Having Jurisdiction". Submitted plans are to be complete, as detailed in YHC Green Home plan requirements.

YUKON BUILDER: The house is to meet the directives defining a **Yukon Business** or **Yukon Resident** as stipulated in the *Contracting Directives* published from the Yukon Government.

MATERIALS: The client is to prove through submitted material invoices, a minimum of 75% of project total materials were purchased from a Yukon business.

APPROVALS: Upon completion of the mechanical and electrical rough-in, doors, windows and air barrier, the building envelope is to be pressure tested as part of the *EnerGuide* house audit. If the envelope fails the air test, repairs and/or alterations must be carried out to upgrade the building envelope to an acceptable tested level.

The ventilation system is to be verified as meeting YHC's requirements from an approved Ventilation Advisor. Final approved energy report from the clients Energy Advisor is required.

All required building inspections by the local "Authority Having Jurisdiction" are to be completed and approved.

Note: Building certification may be withheld if significant construction deficiencies that will negatively affect the building performance are not repaired.

CERTIFICATION: Upon meeting the technical requirements as set out above, the home will be certified as a **GreenHome**.

Upon final approval the *EnerGuide* rating of the dwelling will be provided to the home owner as a certificate to be posted (by decal) on the electrical distribution panel. The dwelling will be registered with YHC as a *GreenHome*.

* **Note:** Multi-Residential building energy target is *EnerGuide* 80 or meeting prescriptive design minimums. See Multi-Residential Energy/Ventilation Requirements for details.

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