

# 1592 Centre Road, Carlisle: Nature's Paradise!



## 1. The Greenhouse:

- The greenhouse is currently used to grow tropical orchids and other plants
- It was designed and built by Westbrook Greenhouse Systems
- The dimensions are 30' x 48' = 1440 sq ft. It is 14' high at the peak
- The structural supporting ribs were upgraded to rectangular steel for added strength.
- The ribs were moved to 4 foot centres from 6 foot centres for additional added strength. As a result, the greenhouse has easily withstood winds of 130 km/h without a scratch.
- There are 7 galvanized, expanded-metal benches: three 3-foot wide fixed benches (2 x 48' and 1 x 24'), down each side and across the back, and 4 rolling benches (5.5' wide x 40' long), with one 2 foot wide aisleway.
- The greenhouse has a 60 gallon rental water heater (Reliance).
- Next to the greenhouse is a 6,000 gallon (size of a single car garage), precast concrete, underground cistern. It was made and installed by Wilkinson Heavy Precast Limited.
- Water is provided by a nearby stream year round. The greenhouse has a well pump which draws water from the stream and fills the cistern. It also pushes water through a network of underground lines (with multiple outlets throughout), used to water the front and back yards/gardens. The same pump draws water from the cistern for use in the greenhouse.
- The greenhouse has 2 Modine Heaters. Each heater is 175,000 BTUs. One uses Natural Gas and the other, back-up heater, uses Propane.
- The greenhouse has a dedicated automatic back-up generator. It runs on Natural Gas and provides ENORMOUS peace of mind during power outages. The Natural Gas furnace in the house can also be hooked up to the greenhouse generator during lengthy power outages.
- Climate is controlled by:
  - (1) an oversized back vent (4' X 24')
  - (2) an oversized, thermostatically controlled, 48" exhaust fan with louvres at the front
  - (3) an 18" motorized, thermostatically controlled, louvred vent in the peak (at the back) AND at the front of the greenhouse. The back vent opens up whenever the exhaust fan at the front is running.

## 2. The House:

- The house is heated with Natural Gas via hot water radiators.
- New septic tank and weeping tiles in the late 70s.
- Upgraded from 100 Amp service to 200 Amp service in the late 70s.
- All electrical wiring was upgraded in the late 70s.
- New access chamber installed over the well in the mid 70s.
- Septic tank was last pumped in October 2021.
- New plywood roof and shingles on the house and front veranda in 2008.
- 60 gallon rental water heater (Reliance)
- 2 front doors, 2 back doors, 1 stairwell & door to access the basement directly from the outside.
- There are 2 interior staircases accessing the upstairs floor from the ground floor and 1 staircase accessing the full, unfinished basement from the ground floor