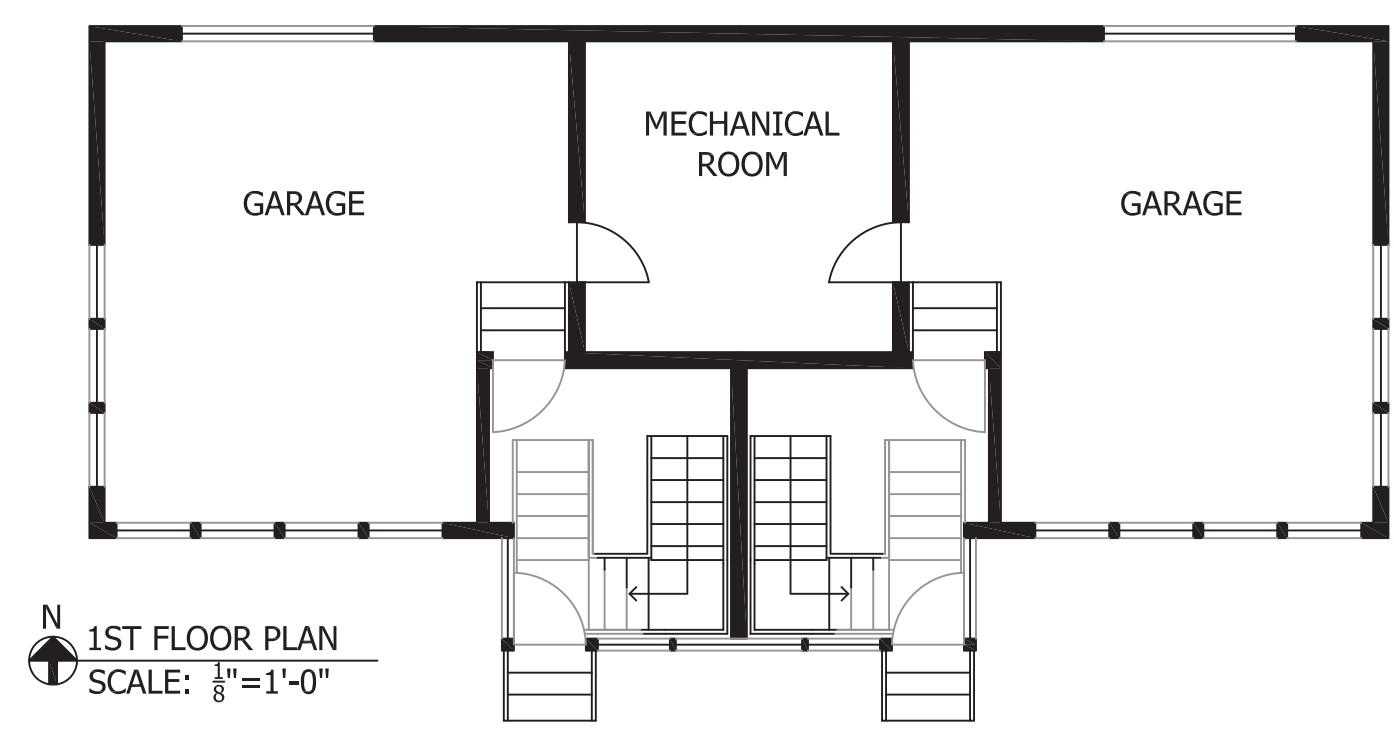
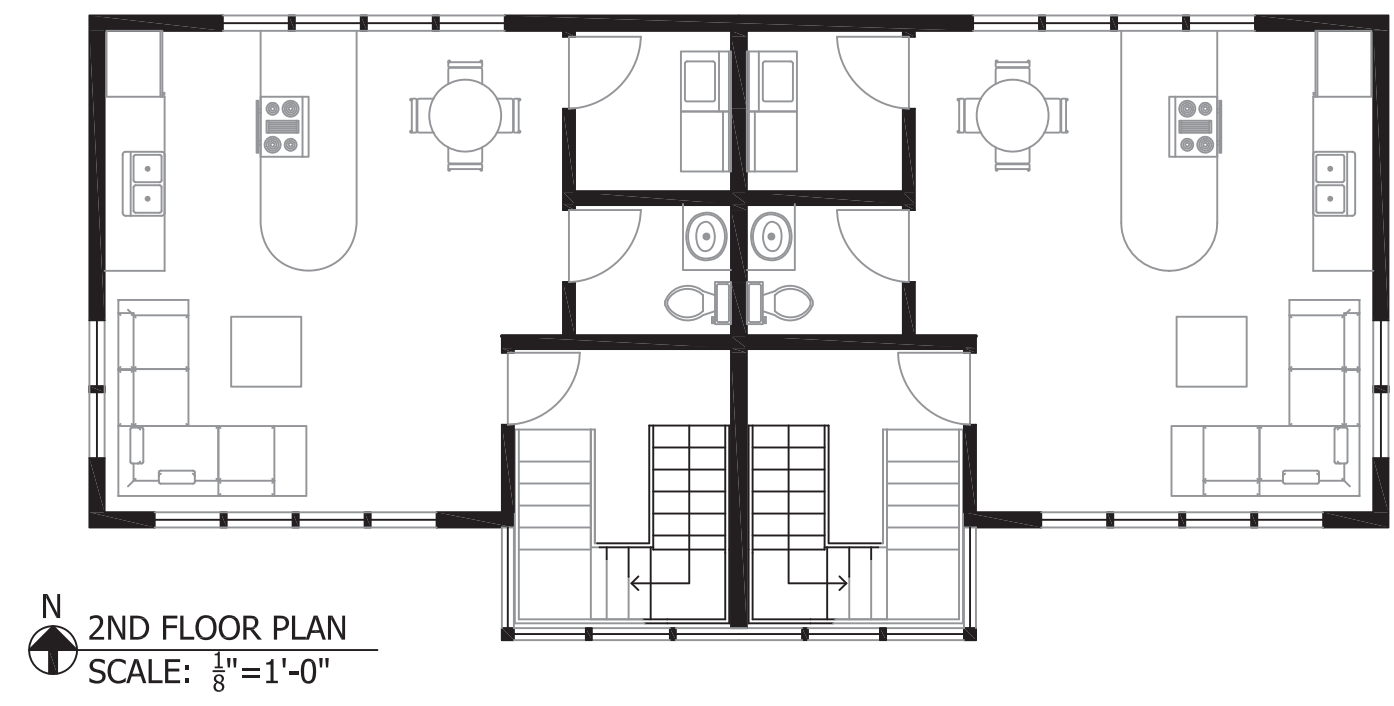
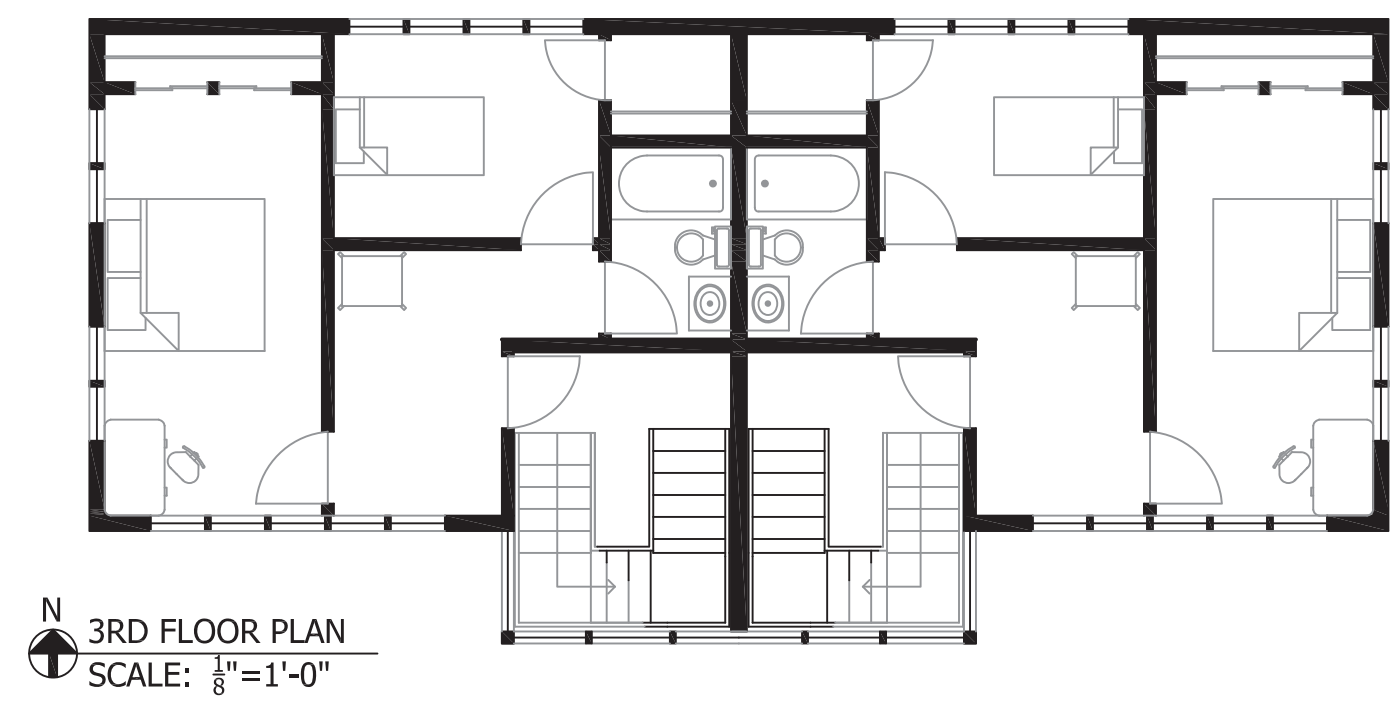
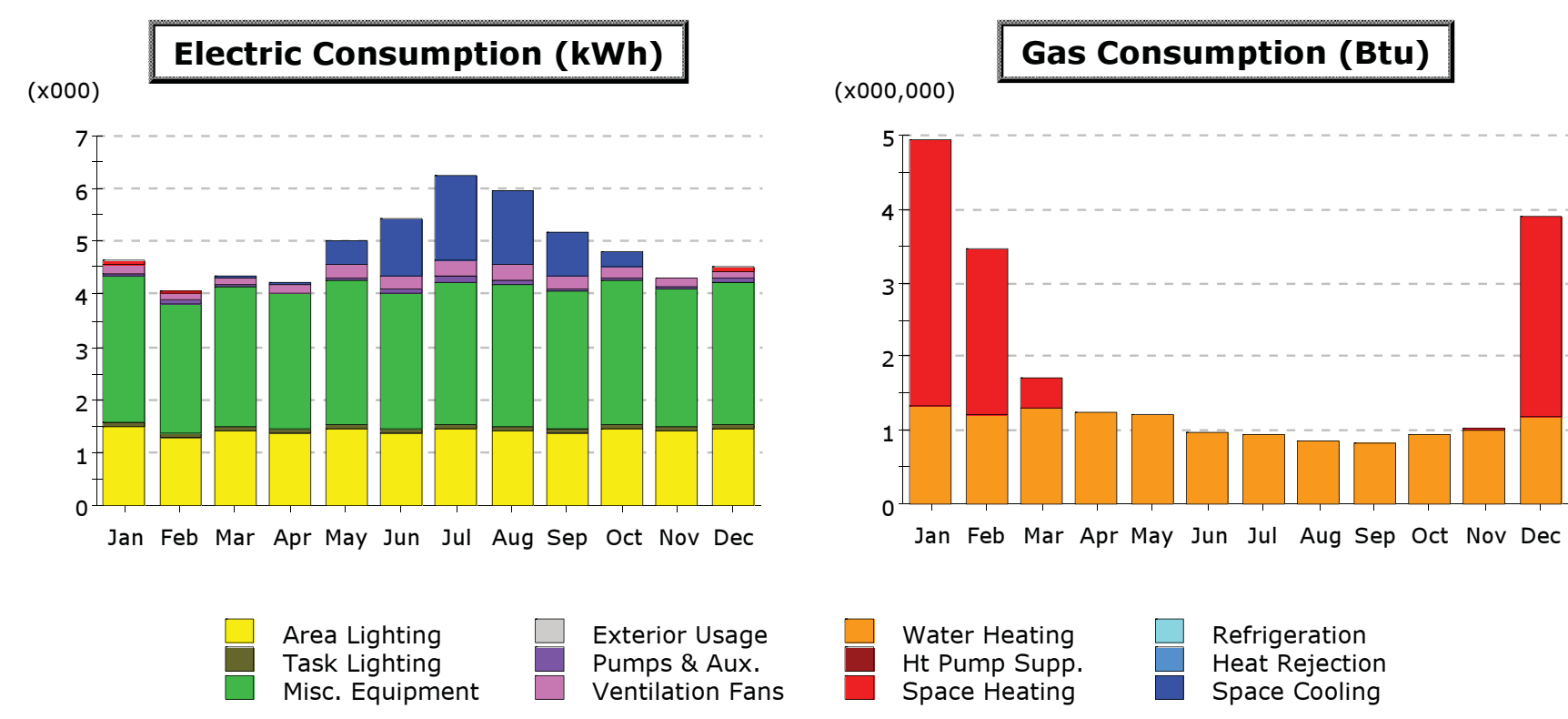
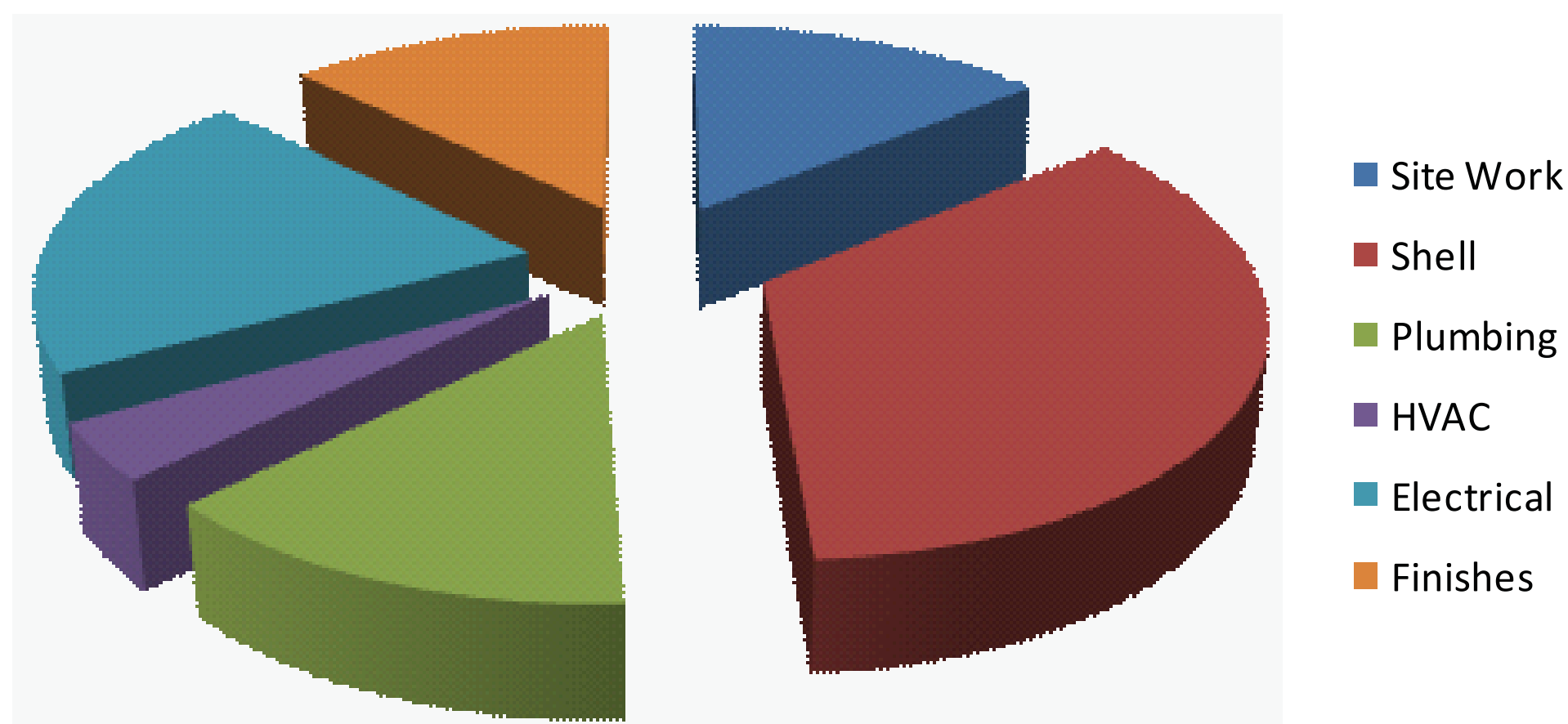


2 BEDROOM HOUSE

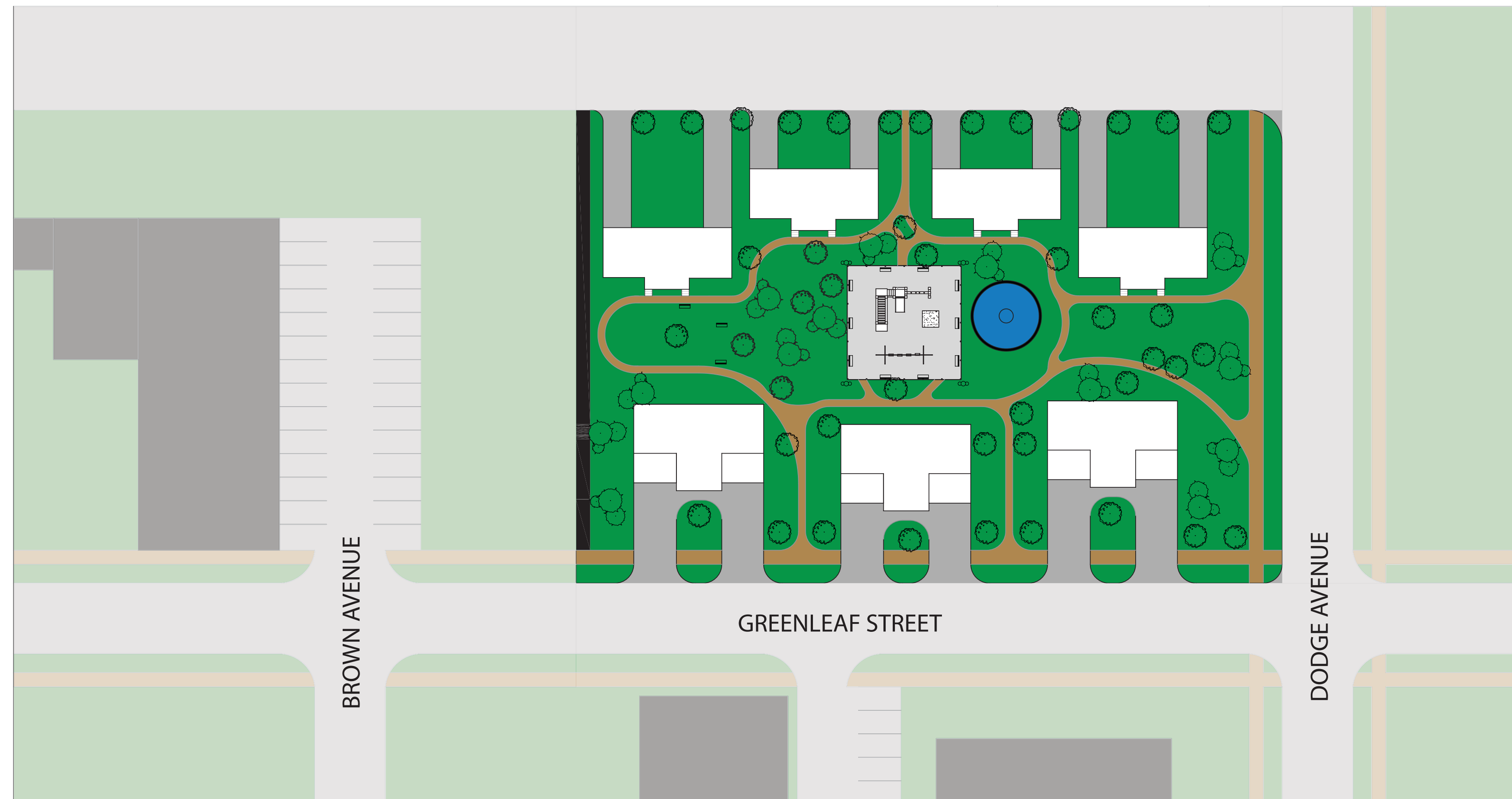


2 Bedroom Costs

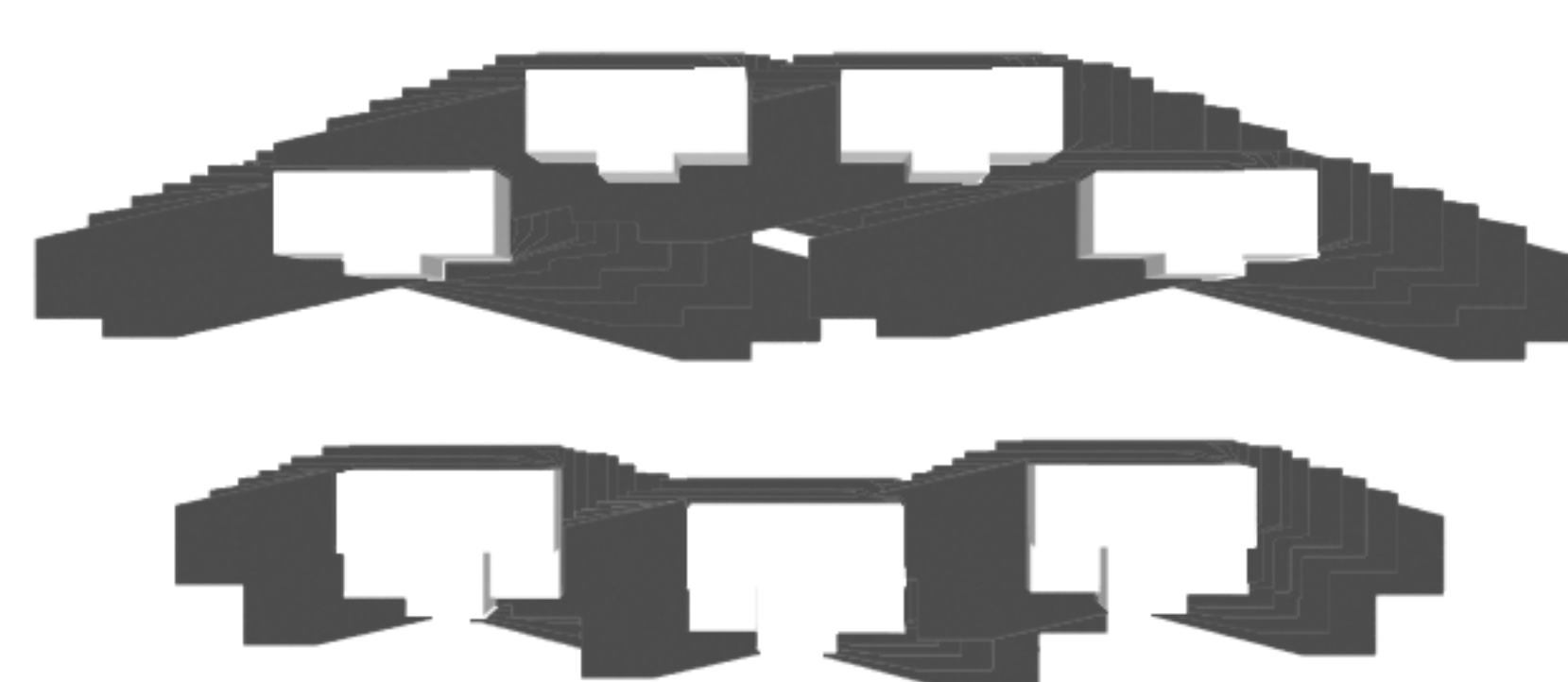


GREENLEAF: AN ENERGY EFFICIENT RESIDENTIAL COMMUNITY

SITE PLAN



SOLAR ENVELOPE



SUMMER



WINTER

EXTERIOR VIEWS



ALTERNATIVE SYSTEMS

Structural Insulated Panels

What are Structural insulated panels (SIP's)?
A thick layer of foam sandwiched between two strand boards
Replace conventional wood framing exterior walls and roofs

Advantages

- Improves energy performance of your home
- As strong and safe as conventional wood framing
- Easy and quick to assemble
- Lower labor and construction cost paired with energy savings means lower energy bills

Green Roof

What is a green roof?
This is a roof covered with vegetation, resting on a completely waterproof membrane and a special drainage system.

Advantages

- Reduces heating costs by providing thermal resistance
- Reduces cooling loads through evaporation
- Adds beauty to any home
- Costs associated with green roofs are low

Solar Panels

What are solar panels?
Solar panels (arrays of photovoltaic cells) make use of renewable energy from the sun, and are a clean and environmentally sound means of collecting solar energy

Advantages

- Renewable resource
- Non-Polluting
- The energy and heat from the sun is free
- Long lasting

Geothermal Heat Pump

What are geothermal heat pumps?

In summer, the fluid removes heat from the building and transfers it to the relatively cooler ground in order to cool the building. In winter, fluid passing through this vertical, closed loop system is warmed by the heat of the earth; this heat is then transferred to the building.

Advantages

- Cost effective
- Durable
- Low Maintenance
- Year-Round Comfort
- Quiet Operation

Sage Glass

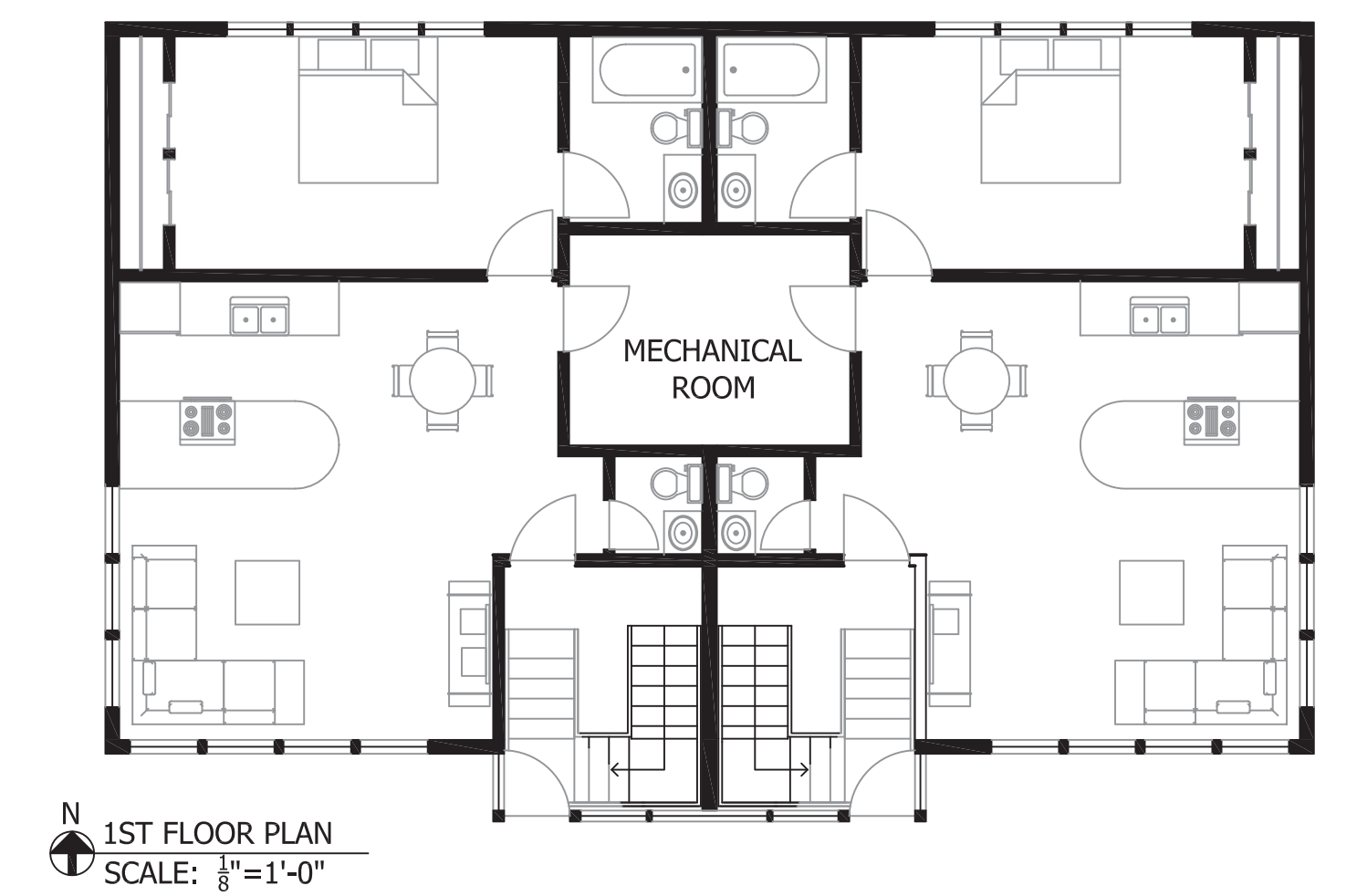
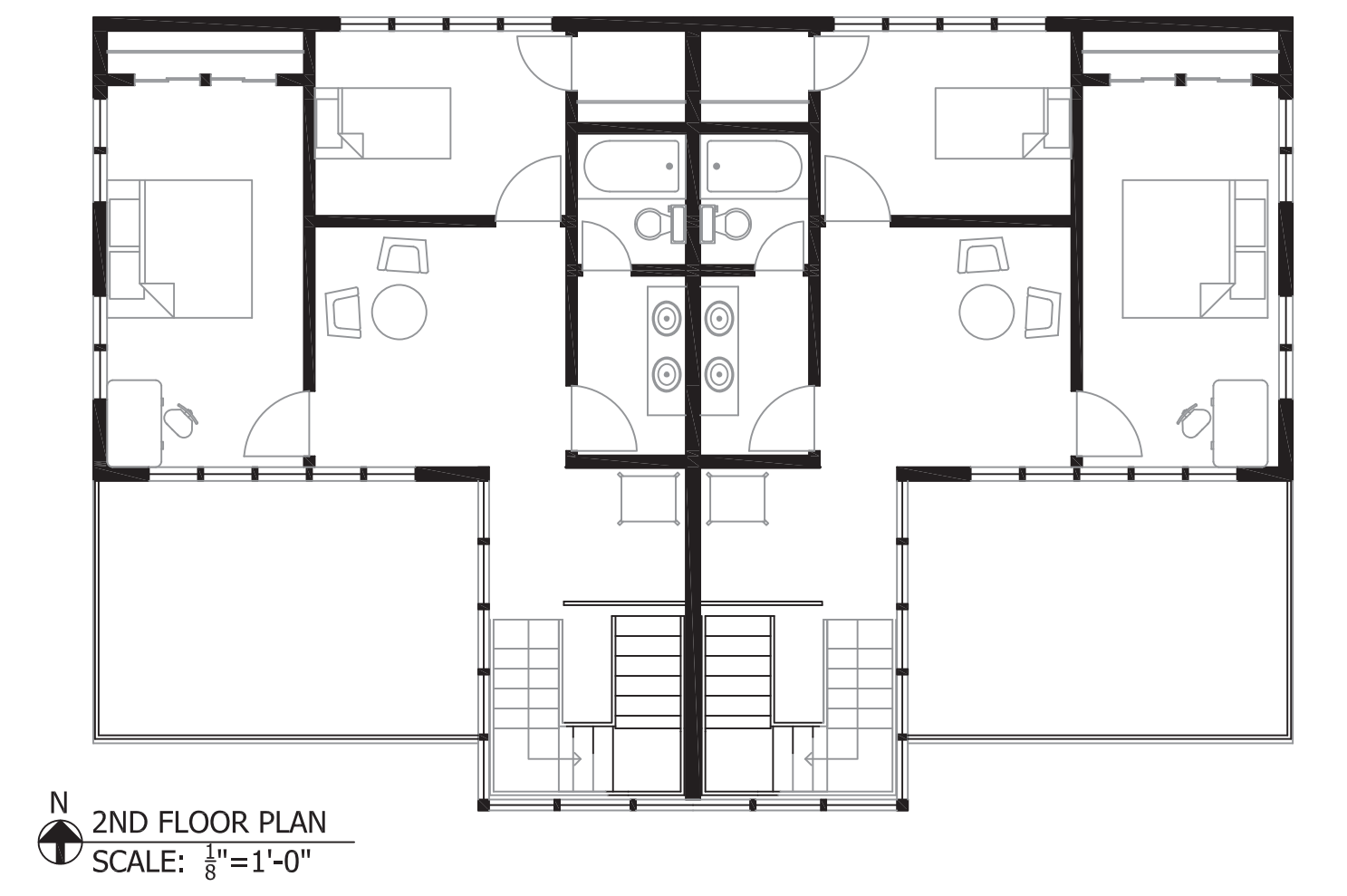
What is sage glass?

The Sage Glass coating on the glass is made up of five layers. When voltage [less than 5V DC] is applied to these layers in their "clear" state, they darken as lithium ions and associated electrons transfer from the counter electrode to the electrochromic electrode layer.

Advantages

- Blocks Glare
- Stops solar heat gain
- Dramatically reduces fading
- Always keeps a view and connection to the outdoors

3 BEDROOM HOUSE



3 Bedroom Costs

