



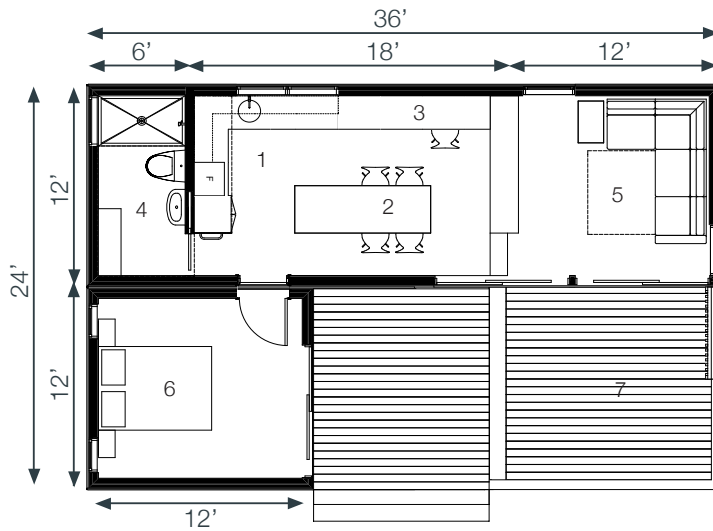
SUSTAIN DESIGN STUDIO MINI HOMES FOR ALL SEASONS AND CLIMATES

miniHOME

576sf INTERIOR + 96sf LOFT + 288sf DECK = 960sf TOTAL

36+12 DUO

MAIN PLAN



LEGEND

- 1. Cook
- 2. Dine
- 3. Create
- 4. Bathe
- 5. Entertain / Dream
- 6. Dream
- 7. Deck

LOFT PLAN



- 8. Sleeping Loft
- 9. Open to Below

Exterior

Structure:	Engineered wood frame constructions on structural steel chassis
External Cladding:	A combination of pre-finished pine & Douglas Fir
Insulation System:	BASF Walltite Spray applied to medium density Polyurethane foam
Floor:	Total Assembly R33.5 (code requires R25)
Wall:	Total Assembly R25 (code requires R19)
Roof:	Total Assembly R32 (code requires R23)
Roof Membrane:	80 mil Proseal flat roof membrane
Windows:	Marvin Integrity; Fibreglass Clad Exterior, Clear Pine Interior
Optional:	Green Roof system, solid D.Fir lift & slide doors

Interior

Walls / Ceiling (11ft):	Prefinished Baltic Birch Ply
Cabinets:	Birch
Floor:	Cork
Appliances:	EnergyStar
Lighting:	LED & CFL
Bathroom:	Acrylic Tub/Shower; Low Flow Fixtures
Mechanical:	Electric boiler for heat and DHW Energy Recovery Ventilator
Optional:	Pellet stove, propane boiler

Set Up

If models do not require a permanent foundation, a simple leveling and blocking will suffice. If a permanent foundation is required; a sonotube concrete foundation, concrete pad (insulated slab on grade), or typical frost wall foundation will work.

Set-up requirements on your end include:

Water :	municipal or park service; self service (well or lake pump); storage tank
Power :	electrical plug into service; PV panels with a battery bank are available if you do not have service
Wastewater :	septic; municipal; holding tank; gravel pit.

Zoning

The miniHome can be classified as a building or manufactured home under the Ontario Building Code. Zoning is generally dependent on location (lot density), size (minimum size standard), use (main building versus accessory building) and permanency (requires foundation). You can find information about zoning in your area by contacting your local municipality.

**NO VINYL
CSA CERTIFIED**

**NO DRYWALL
RENEWABLE MATERIALS**

**QUALITY CONSTRUCTION
OPTIONAL OFF-GRID SYSTEMS**