SUSTAINABILITY

LESS MATERIALS = LOWER CONSTRUCTION COSTS

CENTRAL UTILITY CORE = SHORTER PIPE AND DUCT RUNS

LESS SURFACE AREA + AMPLE INSULATION = LOW ENERGY COST

By locating the mechanical room in the Haven’s center, the length of the plumbing and HVAC runs are short. The return air is set high in the living room, allowing for the circulation of warm air from the pellet stove.

A high efficiency pellet stove heats the main living area. Fans help move the air throughout the Haven.

EARTH TUBES

Hot air is exhausted through a vent in the top of the Haven via a solar powered attic fan. The intake air is supplied via a duct buried 4-6 deep. As the fresh air travels through this duct, its temperature is tempered by the surrounding earth. This helps lessen the load on the HVAC system.

By locating the mechanical room in the Haven’s center, the length of the plumbing and HVAC runs are short. The return air is set high in the living room, allowing for the circulation of warm air from the pellet stove.

A high efficiency pellet stove heats the main living area. Fans help move the air throughout the Haven.

EARTH TUBES

Hot air is exhausted through a vent in the top of the Haven via a solar powered attic fan. The intake air is supplied via a duct buried 4-6 deep. As the fresh air travels through this duct, its temperature is tempered by the surrounding earth. This helps lessen the load on the HVAC system.

A high efficiency pellet stove heats the main living area. Fans help move the air throughout the Haven.

EARTH TUBES

Hot air is exhausted through a vent in the top of the Haven via a solar powered attic fan. The intake air is supplied via a duct buried 4-6 deep. As the fresh air travels through this duct, its temperature is tempered by the surrounding earth. This helps lessen the load on the HVAC system.