



THE Eco-Smart Modular
ECO-460
460 Sq Ft. 2 Bedrooms 1 Bathroom

Eco-\$mart MODULAR HOMES:

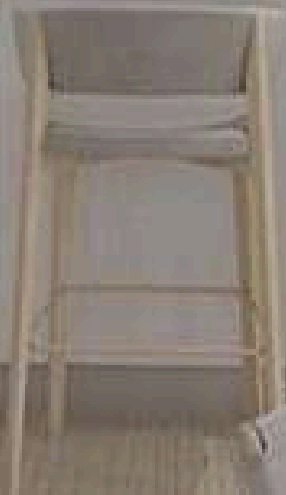
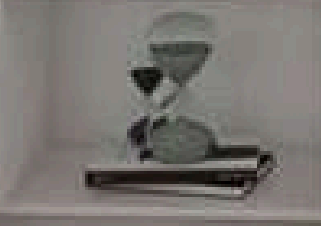
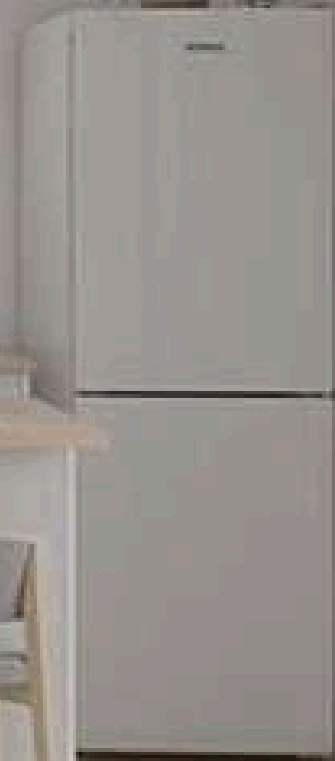
ENGINEERED FOR EFFICIENCY
STEEL FRAMED CONSTRUCTION
INNOVATIVE DESIGN
SUSTAINABLE TECHNOLOGY
&
ENERGY EFFICIENT



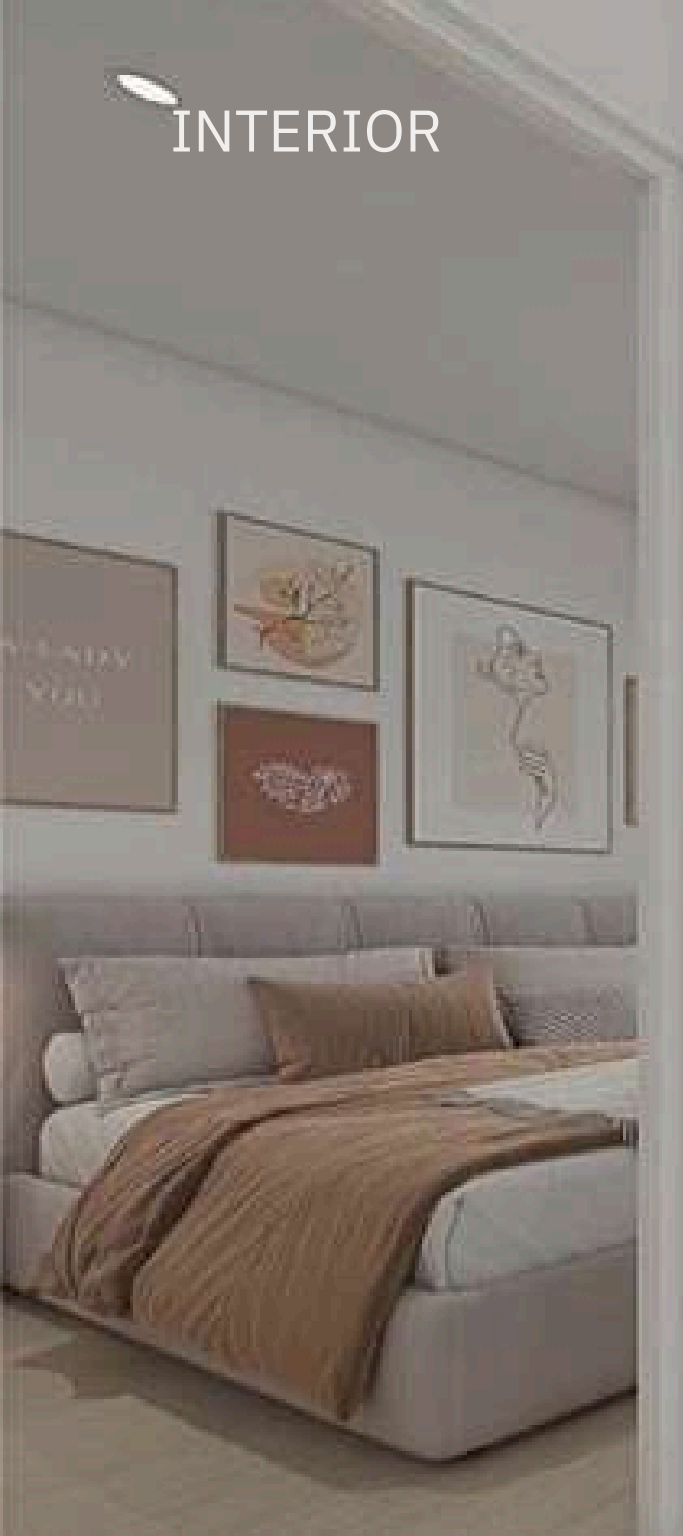
LIVING AREA



KITCHEN



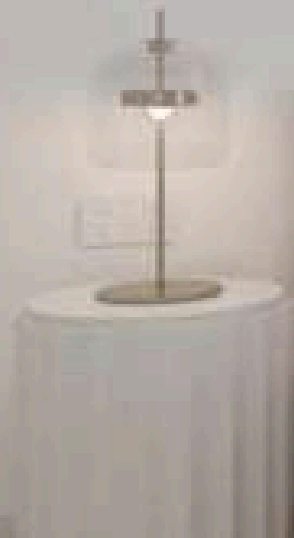
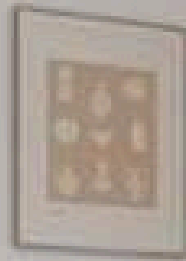
INTERIOR



MAIN BEDROOM



2ND BEDROOM



KITCHEN AREA



CHOOSE YOUR Home Design

Eco-460 Model



ROOFTOP DECK

Seamless Housing Solution



FLAT ROOF

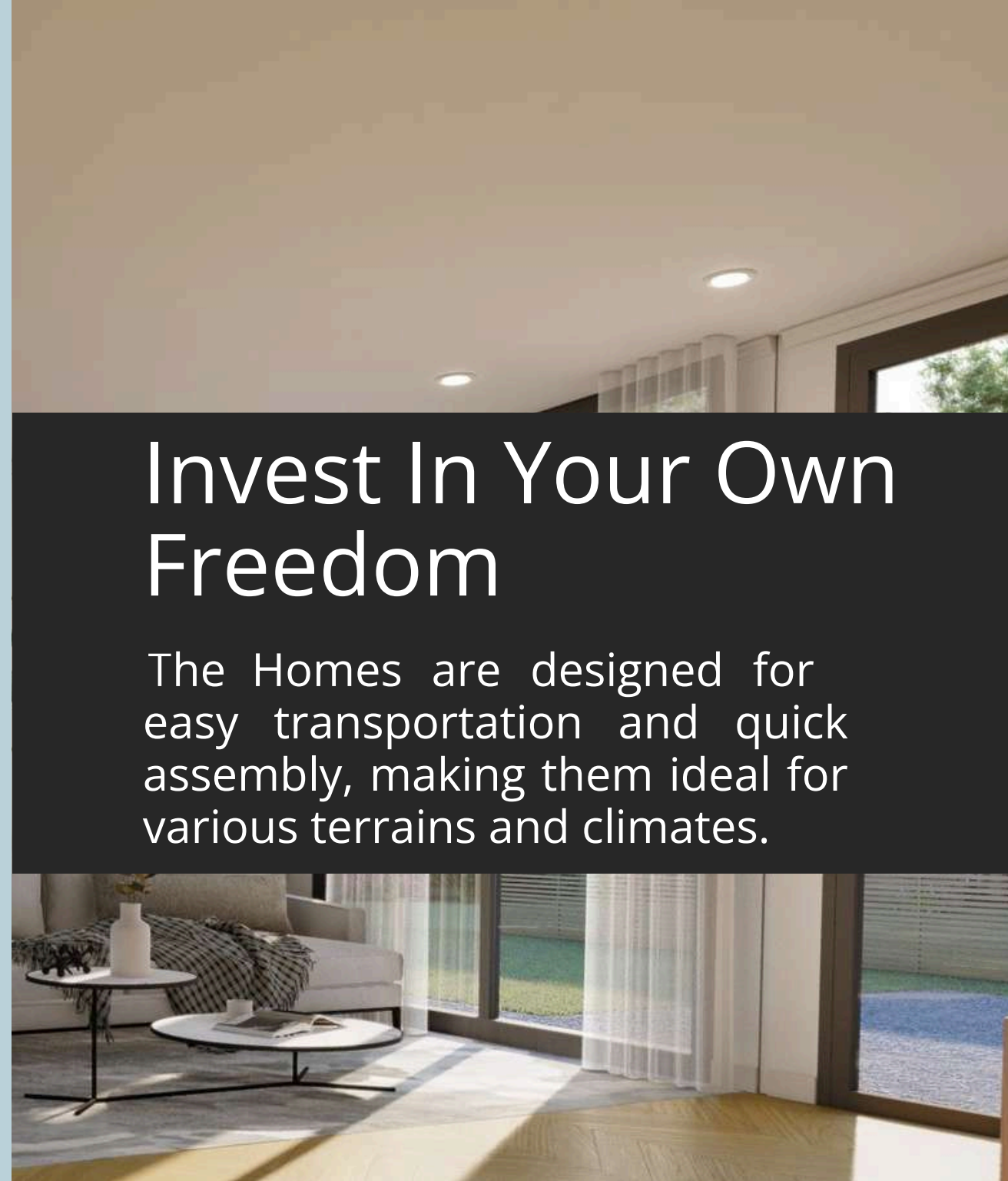
Global Reach & Integration



SIDE PITCHED ROOF

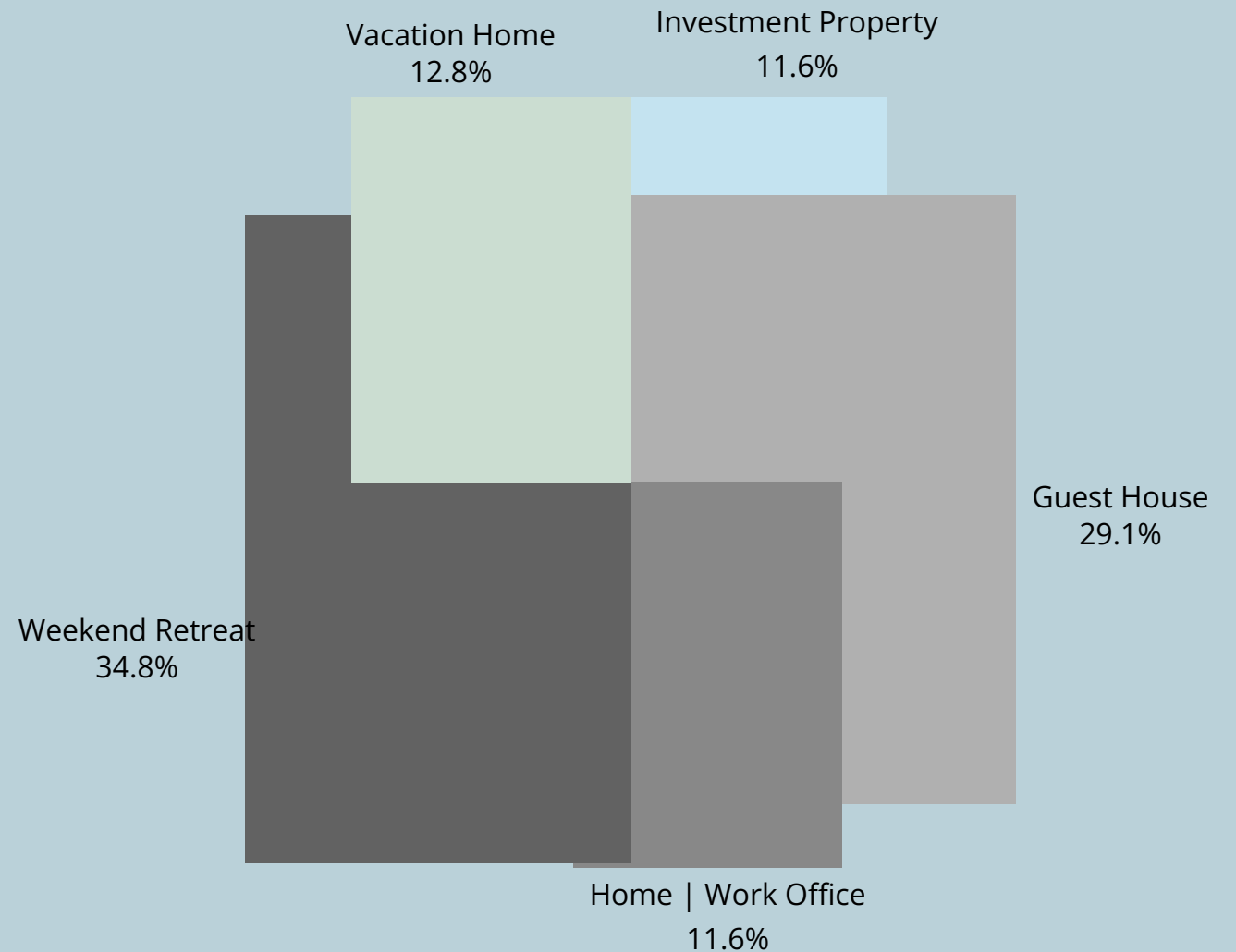
Urban & Rural Terrain Adaptability

460 Sq Ft. 2 Bedrooms 1 Bathroom



Invest In Your Own Freedom

The Homes are designed for easy transportation and quick assembly, making them ideal for various terrains and climates.



460 sq ft. 2 Bedroom 1 Bathroom



RAPID INSTALLATION:
8-HOUR ASSEMBLY

SOUND
PROOFING: >60DB

ANTI-CORROSION: 20 YEARS

SNOW LOAD
CAPACITY: 1KN/M2

WIND
RESISTANCE: 185

mph
SERVICE LIFE:
100 YEARS

SEISMIC
RESISTANCE: GRADE 9

FIRE RESISTANCE:
GRADE 3 (0.5 HOURS)

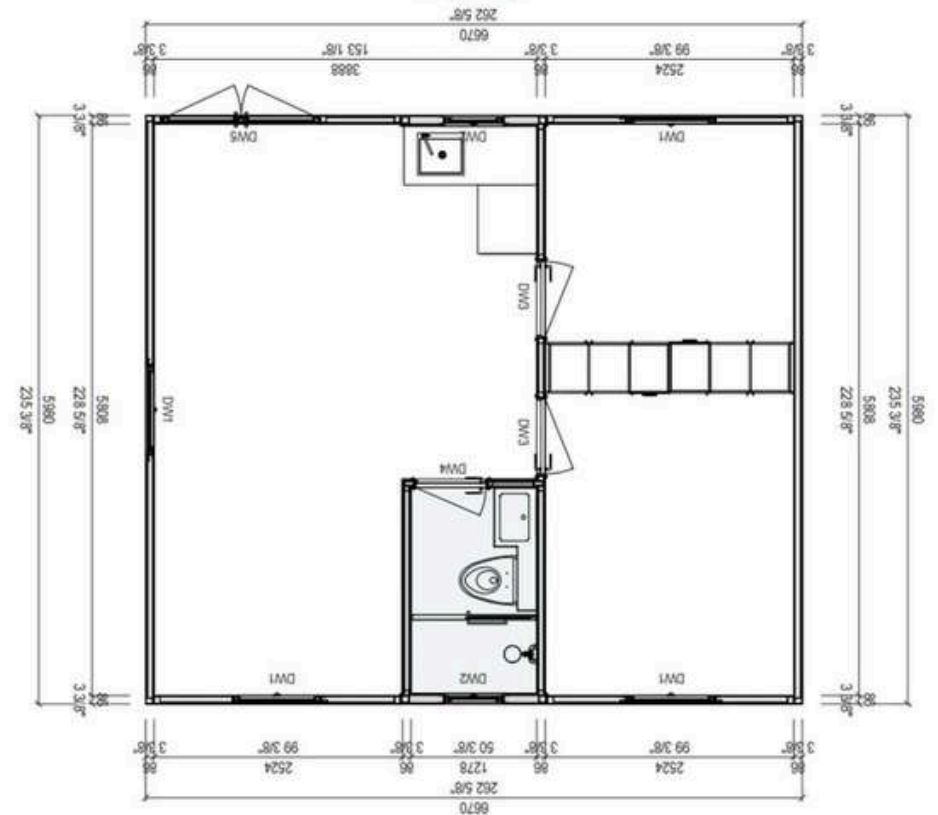
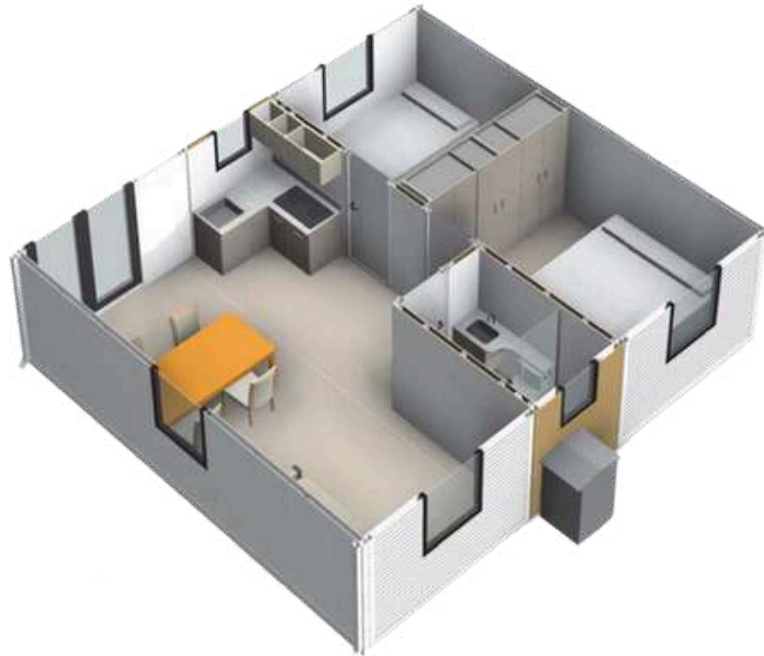
19.6ft

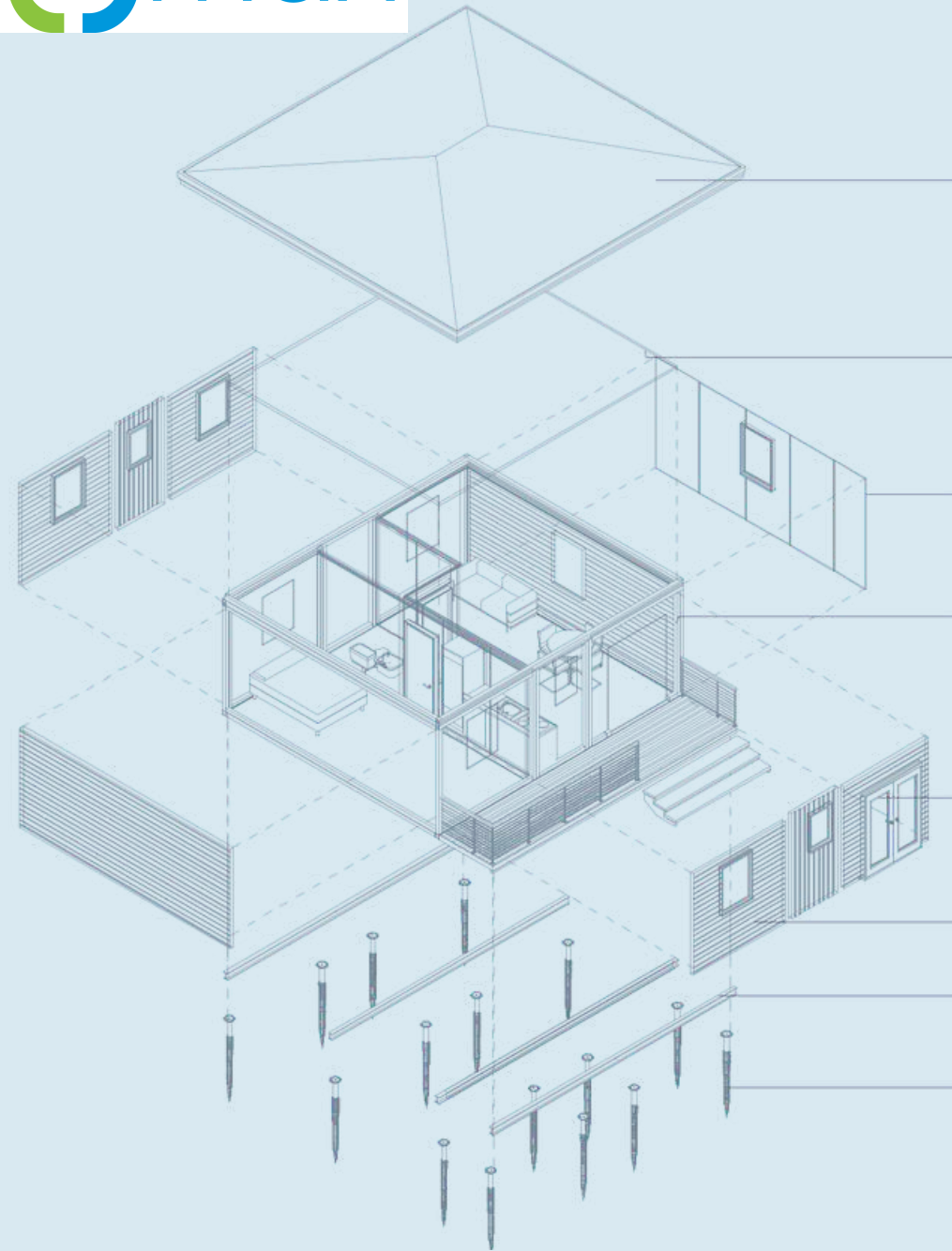


8.39ft

- 460 SQ FT**
- 2 BEDROOMS
- 1 BATHROOM
- 1 KITCHEN
- 1 LIVING ROOM

21.8ft





STRUCTURAL COMPONENTS

ASPHALT SHINGLE ROOF
ON METAL FRAMED TRUSS

80MM HIGH DENSITY PU PANEL INSULATION
WITH 9MM BAMBOO AND WOOD DECORATION PANEL

EXTERIOR WALL-
0.45MM HIGH WEATHER RESISTANT COLOR STEEL PANEL
75MM HIGH DENSITY PU PANELS
9MM BAMBOO AND WOOD ECOLOGICAL DECORATION PANEL

STEEL STRUCTURAL POST

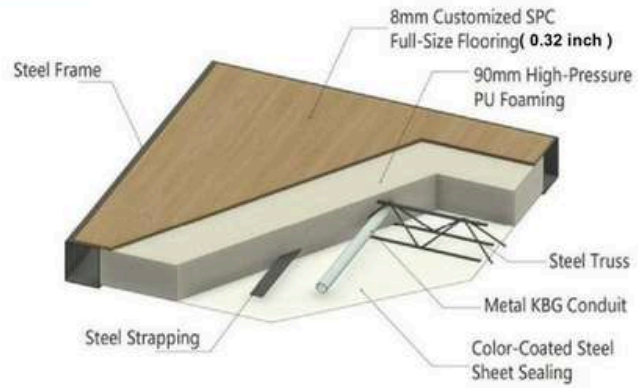
EXTERIOR STEEL OUTWARD CASEMENT DOOR

EXTERIOR WALL

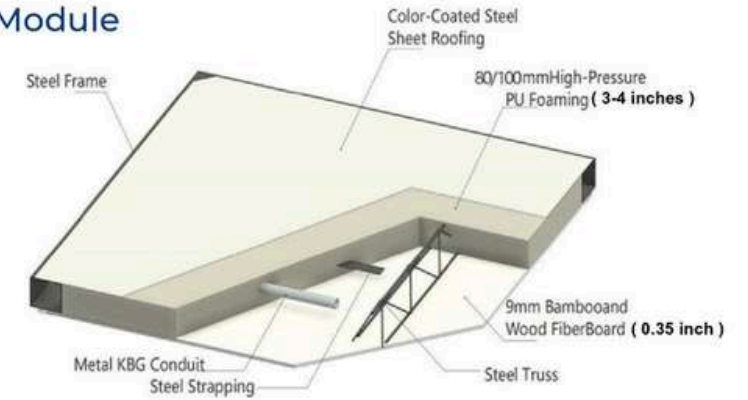
H-SHAPED STEEL BEAM

CUSTOMIZED 114 SCREW PILE

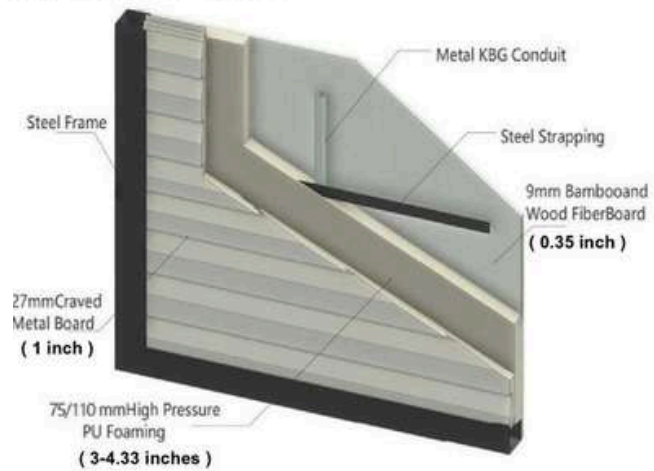
 Floor Module



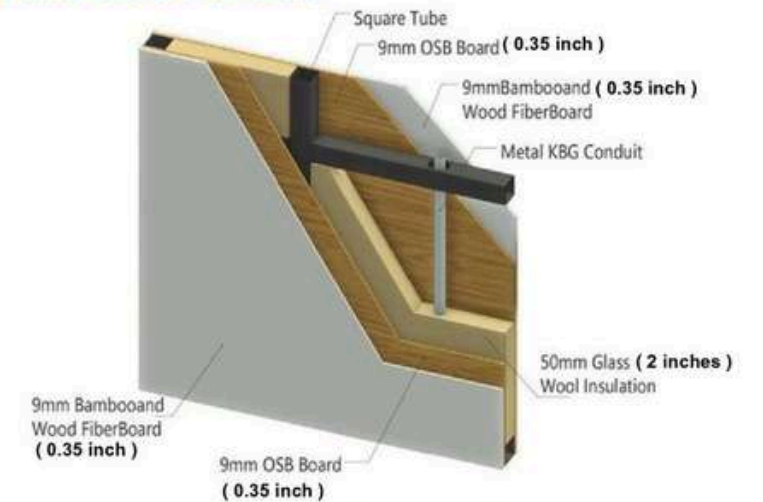
 Ceiling Module



 Exterior Wallboard Module



 Interior Wallboard Module

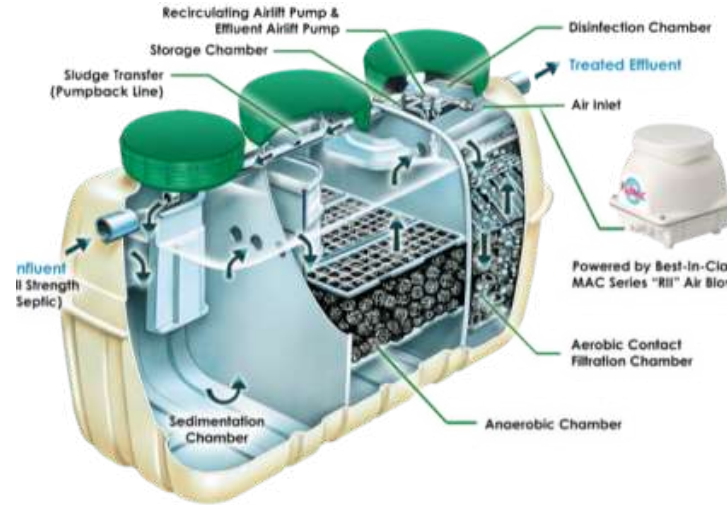


OFF GRID UTILITIES



GREY WATER TREATMENT

HYDRALOOP



WASTE WATER TREATMENT

FUJICLEAN



5KW SOLAR POWER SYSTEM

PLAD OFF-GRID

Creating Communities Building Futures