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ECO4

🏠 2 BEDROOM 🚿 1 BATH 📏 640 SQFT ⚖️ 8800lbs

The ECO4 is a spacious, mid-sized modular home designed for comfortable, sustainable living. Its interior rendering reveals a sophisticated layout with stylish finishes and smart storage solutions. The model offers a perfect balance of luxury and affordability, making it an excellent choice for those looking to upgrade from smaller units without compromising eco-friendliness or quality.

Photos







Floor Plans



1 FIRST FLOOR
3/16" = 1'-0"



2 3D PLAN

PLAD

Project location:-

Client: -

Drawn by: SM

Checked by: -

Project Number: --

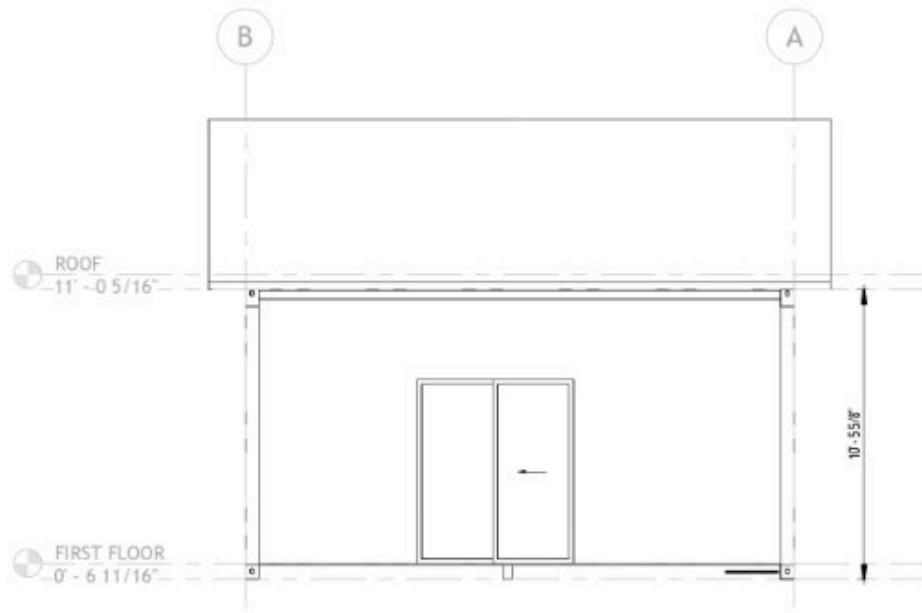
Date: 09/02/24

Drawing NO:

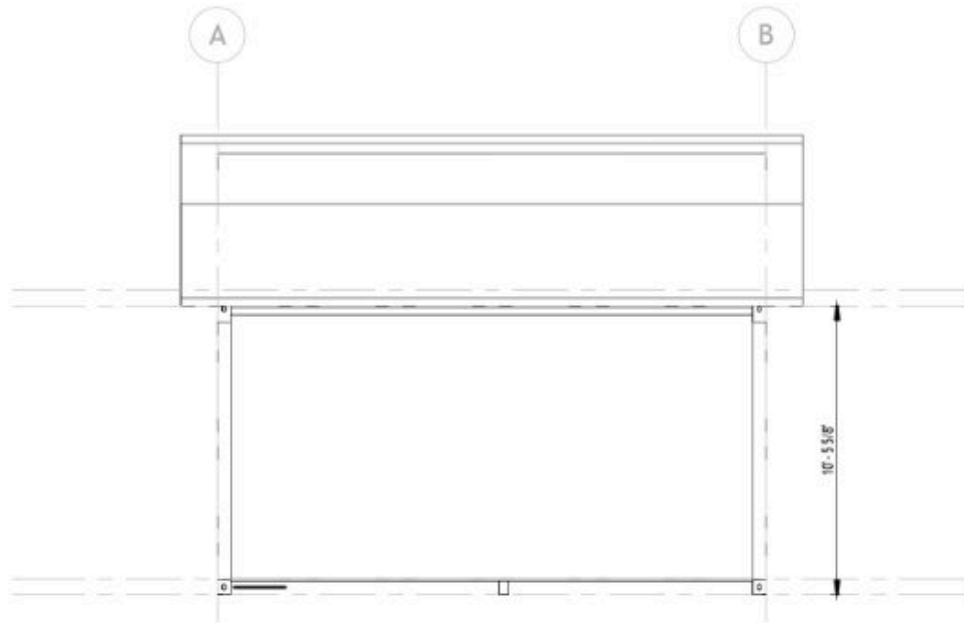
A100

LAYOUT

Scale at ANSI B standard



1 East Architectural Building Elevation
1/4" = 1'-0"



2 West Architectural Building Elevation
1/4" = 1'-0"

PLAD

Project location:-

Client: -

Drawing NO:

Drawn by: SM

A101

Checked by: -

Project Number: --

ELEVATION

Date: 09/02/24

Scale at ANSI B standard

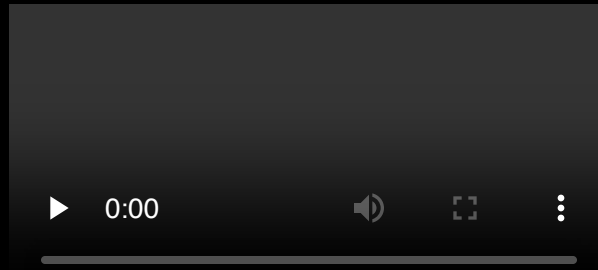


Floor Plans thumbnail 3

Videos

No media available for Videos.

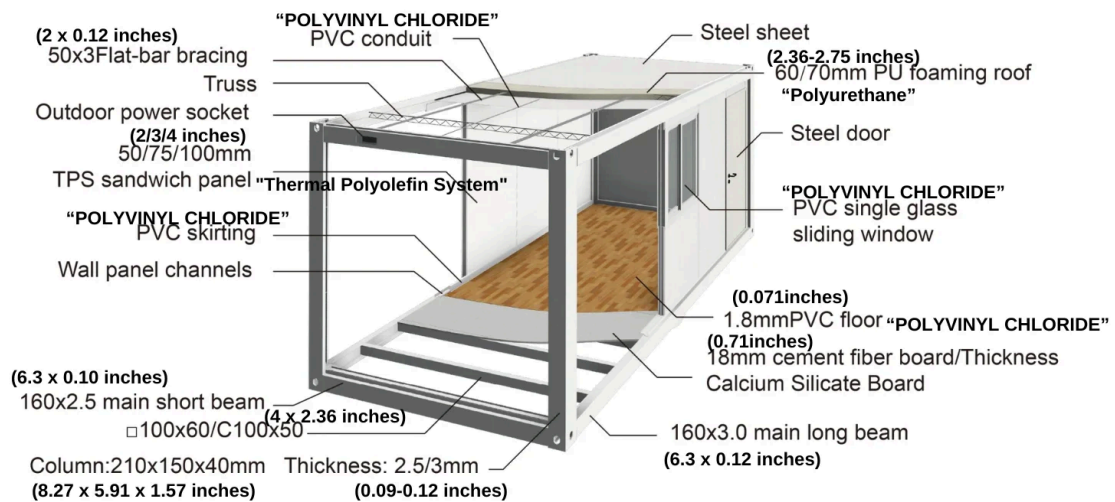
3D Videos



Material

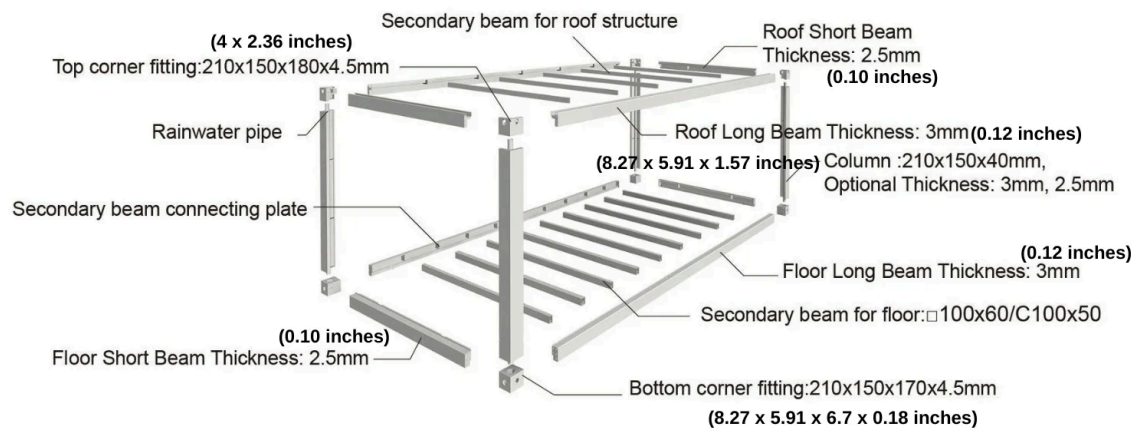
PLAD

Eco Material Composition

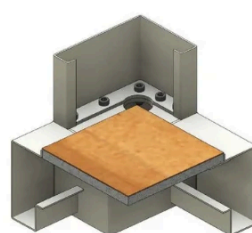
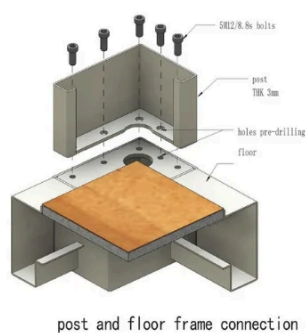
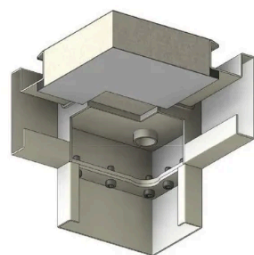
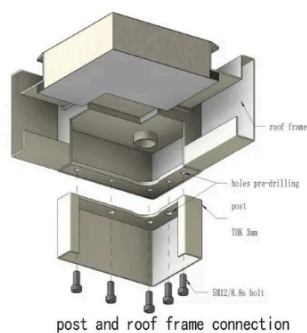


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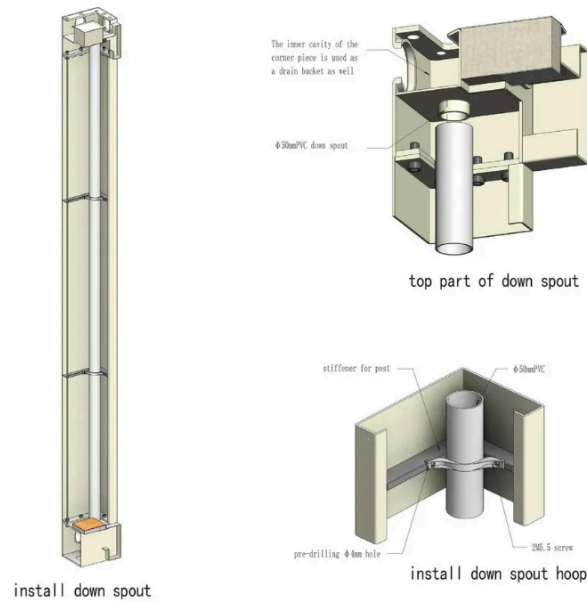
Eco Material Composition



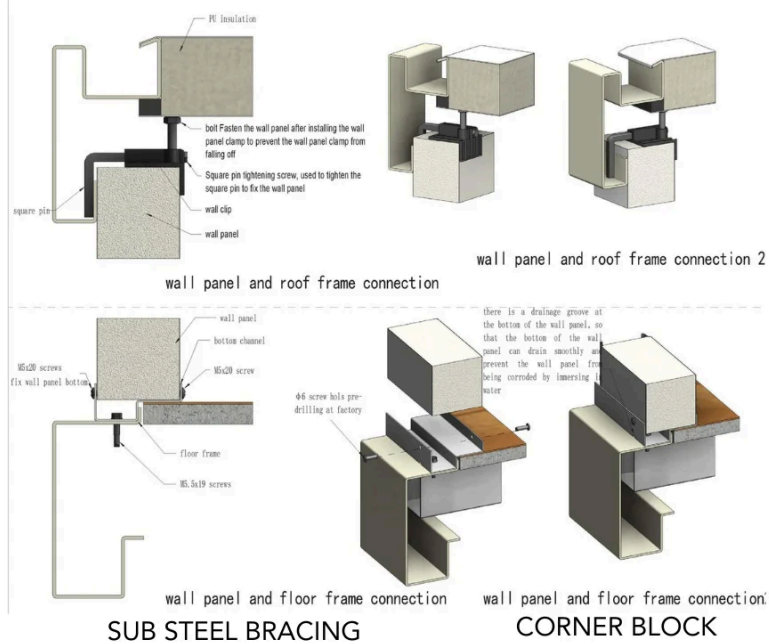
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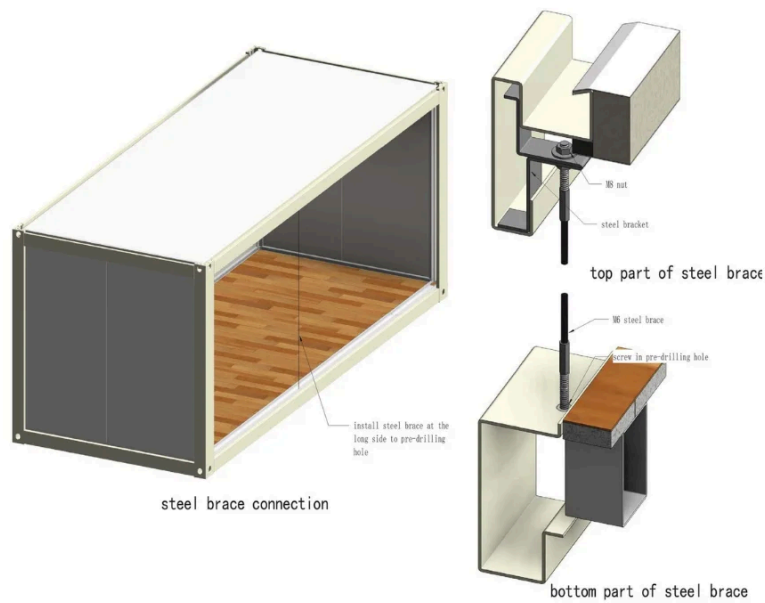
PLAD



PLAD



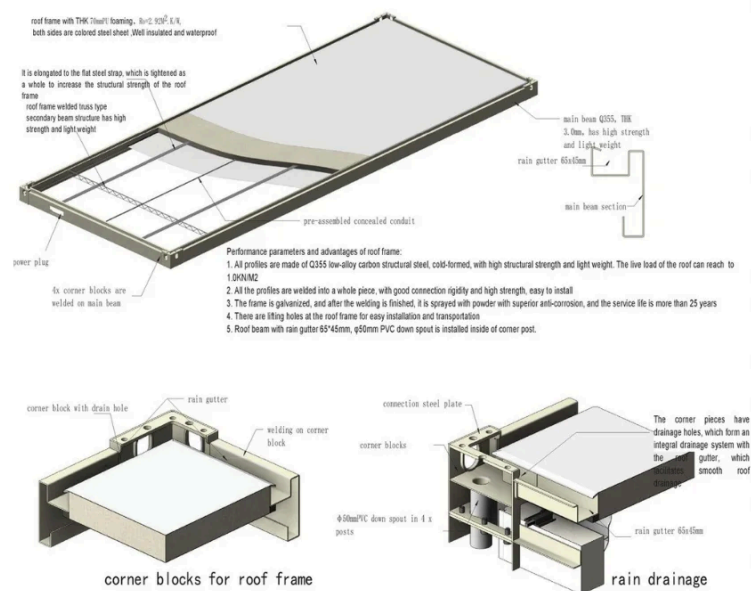
PLAD



SUB STEEL BRACING

CORNER BLOCK

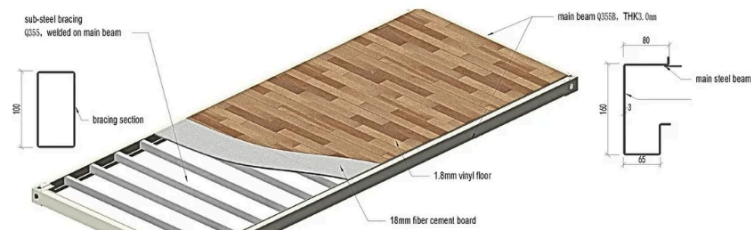
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SUB STEEL BRACING

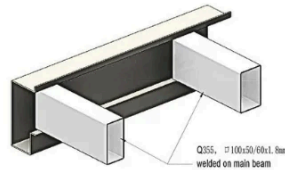
CORNER BLOCK

PLAD

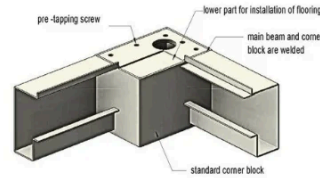


Performance parameters and advantages of floor frame:

1. All profiles are made of Q355 low-alloy carbon structural steel, cold-formed, with high structural strength and light weight. The live load of the floor can reach to 2.5KN/M2.
2. All the profiles are welded into a whole piece, with good connection rigidity and high strength, easy to install.
3. The frame is galvanized, and after the welding is finished, it is sprayed with powder with superior anti-corrosion, and the service life is more than 25 years.
4. There are lifting holes at the bottom for easy installation and transportation.
5. There is a need for heat preservation at the floor, it can be installed with a colored steel sealing bottom plate, filling PU, rock wool, glass wool etc.
6. Forklift holes can be added.



SUB STEEL BRACING

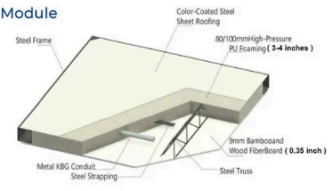


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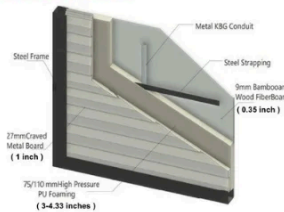
Floor Module



Ceiling Module



Exterior Wallboard Module



Interior Wallboard Module



Specification

MIAMI-DADE CODE STANDARDS & CERTIFICATIONS

Standards and Approvals



Florida Building Code 2023



American Society of Civil Engineers



American Iron and Steel Institute



ASTM International

Certifications and Testings



Mythic Engineering



SGS



Intertek

FEATURES



WELDING, PLUMBING & ELECTRICAL READY



ANTI-CORROSION: 20 YEARS



SOUND PROOFING: >60DB



WIND RESISTANCE: 185 MPH



SNOW LOAD CAPACITY: 21 PSF



SEISMIC RESISTANCE: GRADE 9



SERVICE LIFE: 100 YEARS



FIRE RESISTANCE: GRADE 3 (60 MINUTES)

Certification

PLAD

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