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ECO2PR

 1 BEDROOM  1 BATH  320 SQFT  5000lbs

The ECO2PR is a customized or prototype version of the ECO2, specifically designed to meet unique customer specifications. This model demonstrates the ability to tailor the ECO2's efficient design to individual preferences, ensuring optimal functionality and aesthetic appeal. Like all PLAD models, it maintains a strong focus on sustainability, durability, and cost-effectiveness.

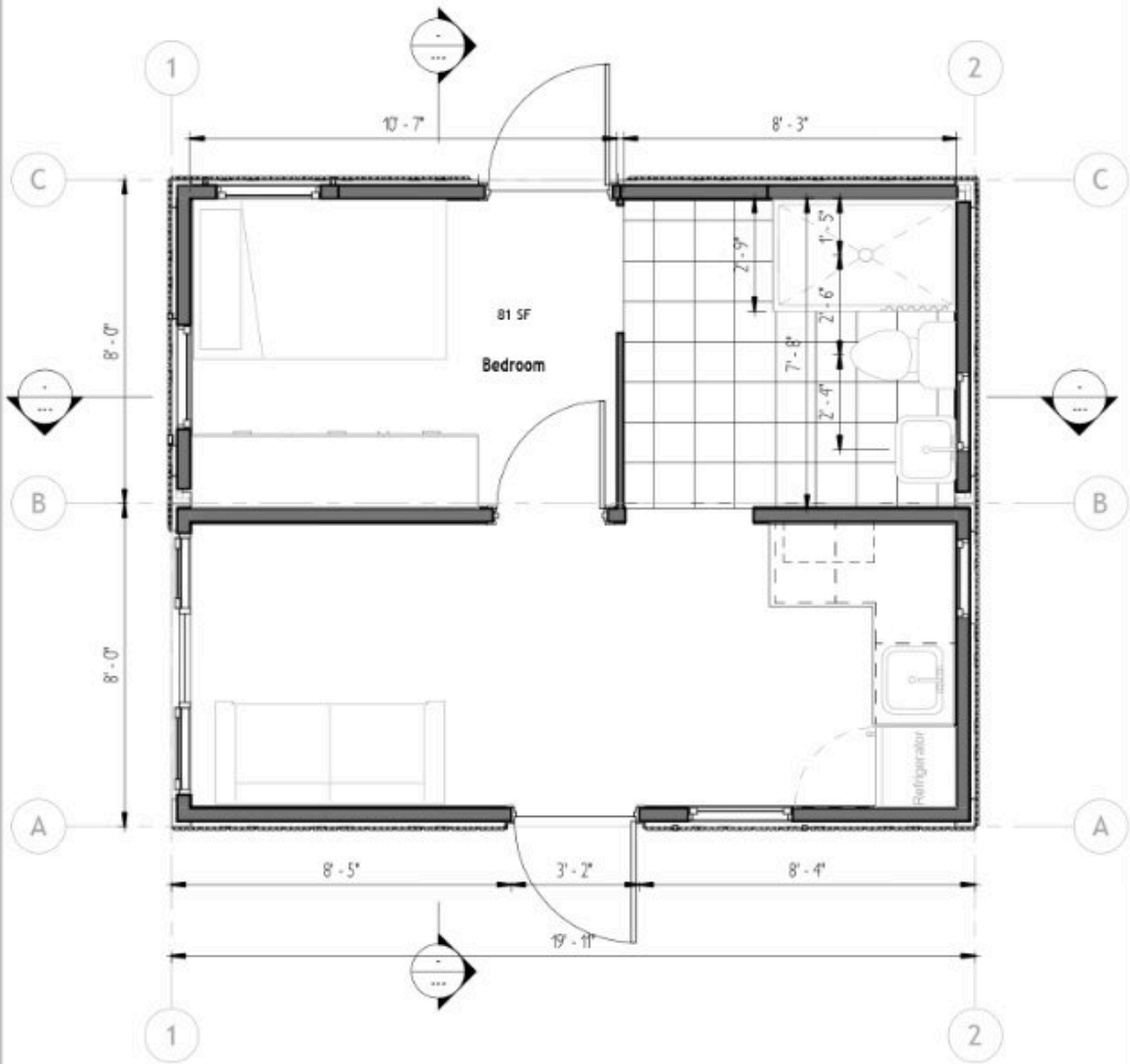
Photos







Floor Plans



1 FLOOR PLAN
3/8" = 1'-0"

PLAD
PLADHOMES.COM

Project location:

Client: Orange County

Drawing NO:

Drawn by: SM

Checked by: Checker

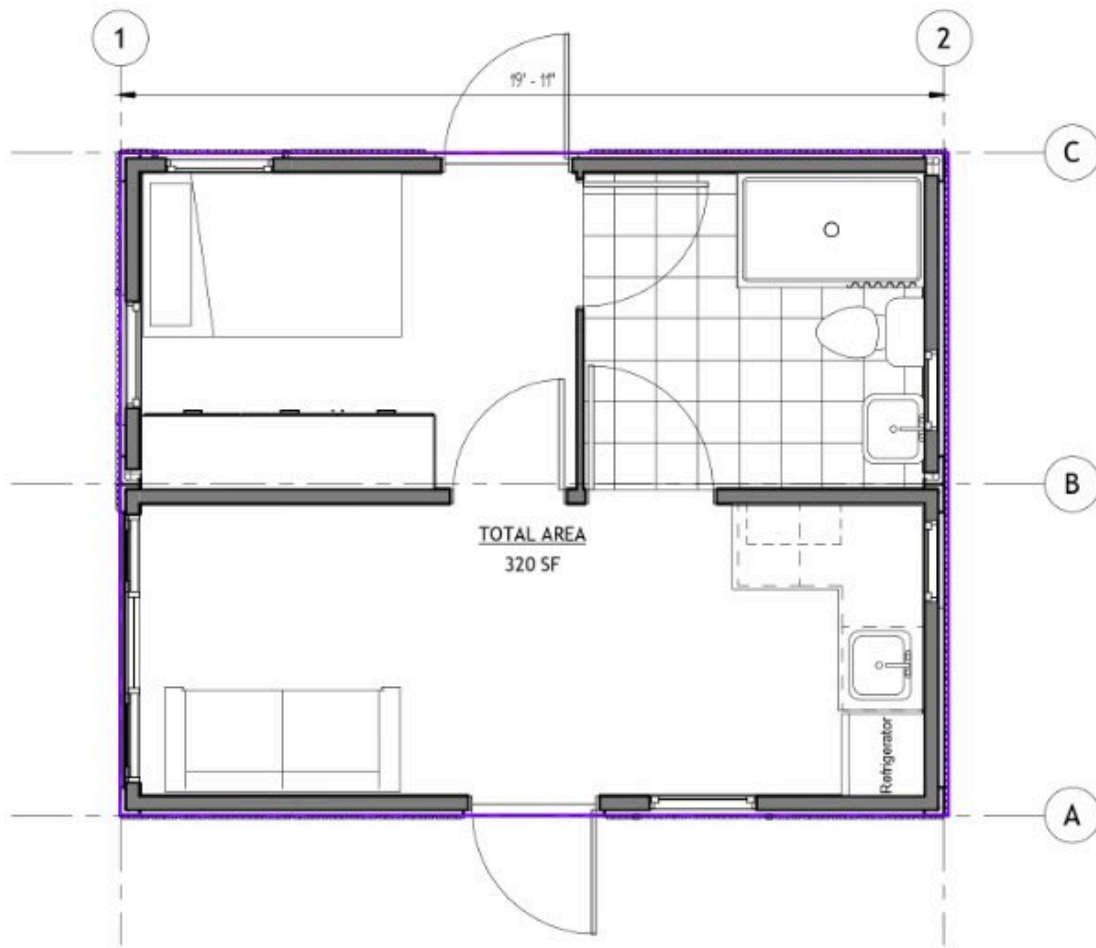
Project Number: ECO TWO

FLOOR PLAN

Date: 11/14/24

Scale at ANSI B standard

PLAN



1 AREA PLAN
3/8" = 1'-0"

PLAD
PLADHOMES.COM

Project location:

Client: Orange County

Drawing NO:

Drawn by: SM

Checked by: Checker

Project Number: ECO TWO

AREA PLAN

Date: 11/14/24

Scale at ANSI B standard

AREA



PLAD
PLADHOMES.COM

Project location:

Client: Orange County

Drawing NO:

Drawn by: SM

Checked by: Checker

Project Number: ECO TWO

EXTERIOR VIEWS

Date: 11/14/24

Scale at ANSI B standard

Exterior

Videos



3D Videos

PLAD PERSONAL LOOK
ADDITIONAL DESIGN

PLAD Homes Aura Series ECO 2 PR - 360° Virtual Tour

PLAD Homes

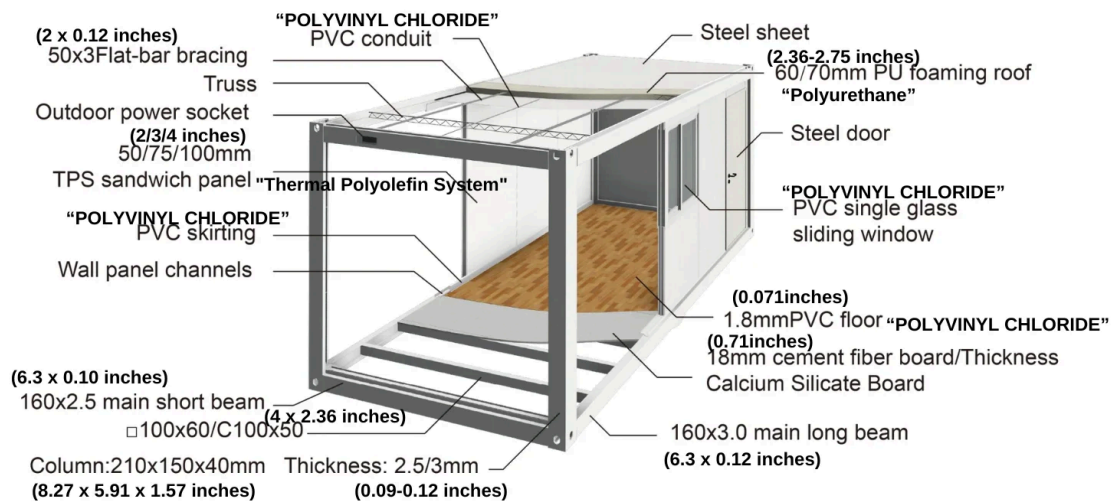


Watch on YouTube

Material

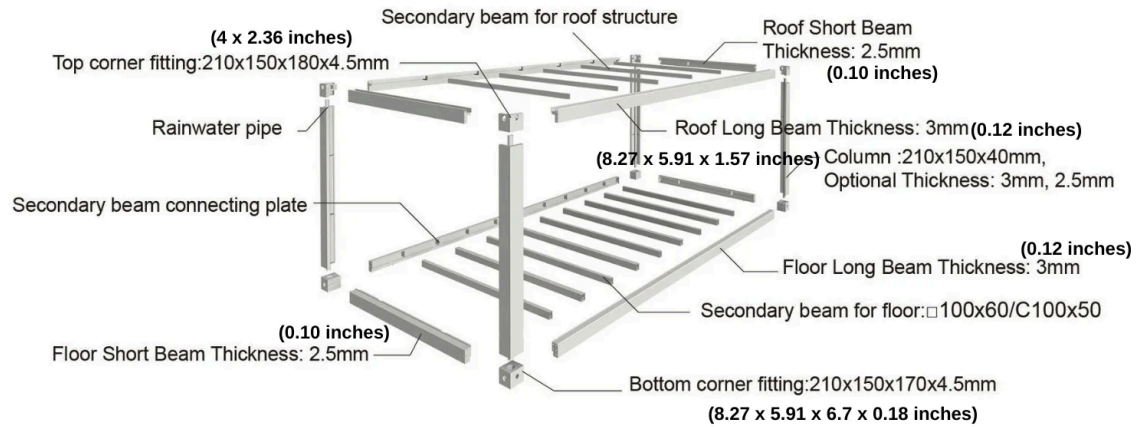
PLAD

Eco Material Composition

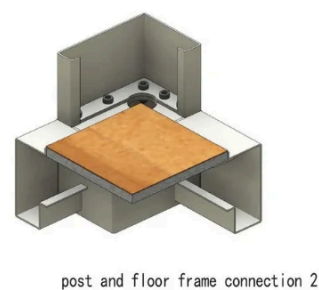
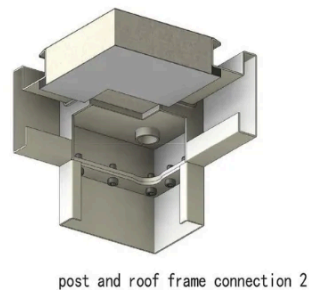
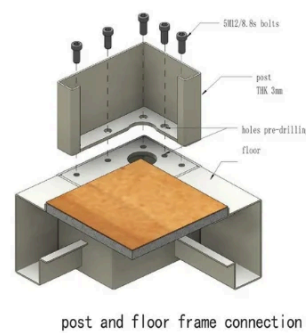
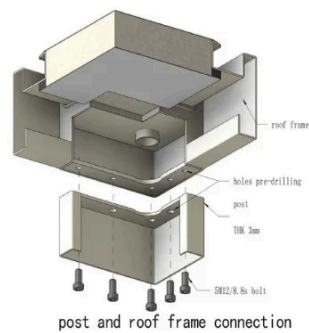


PLAD

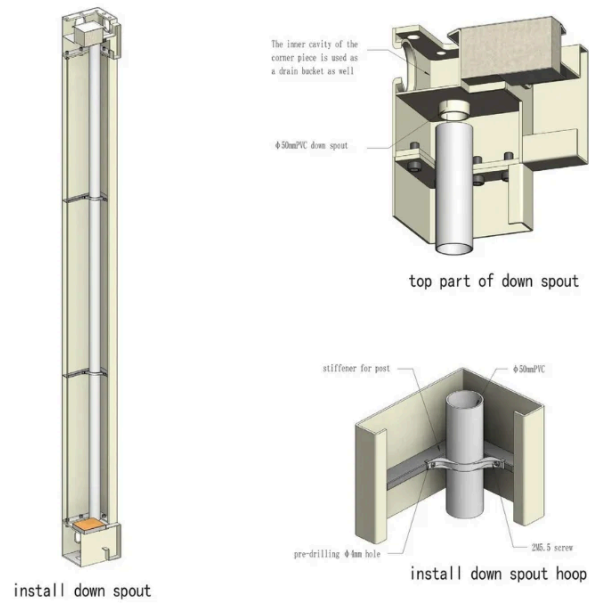
Eco Material Composition



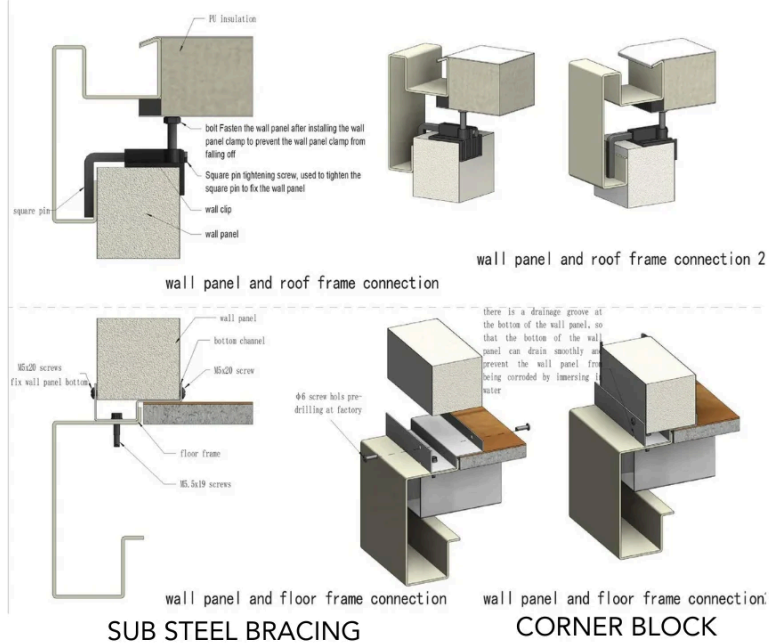
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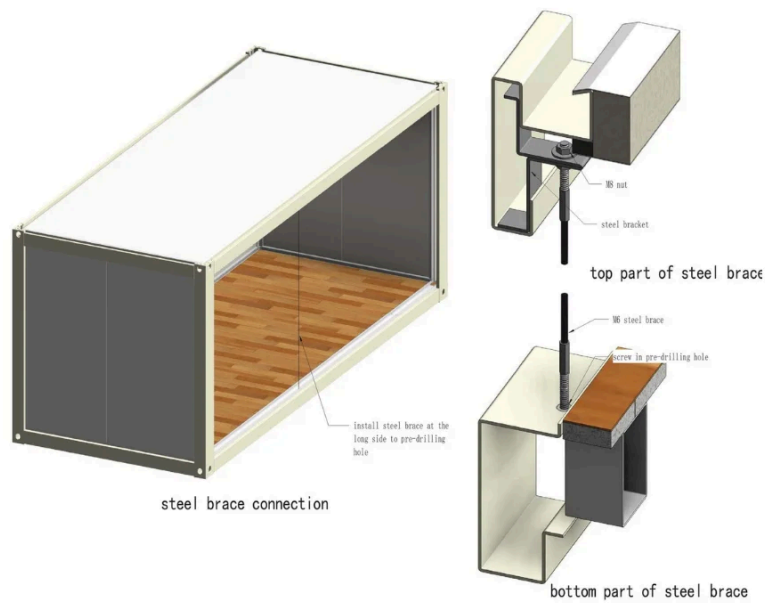
PLAD



PLAD



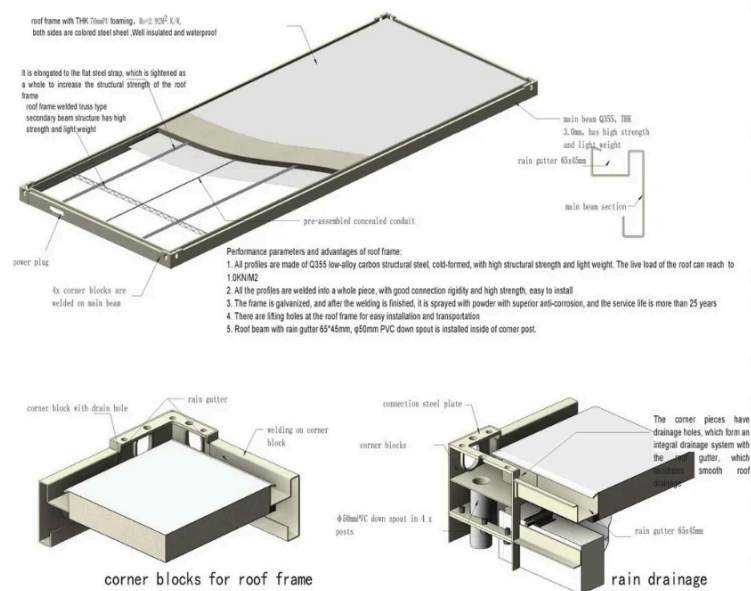
PLAD



SUB STEEL BRACING

CORNER BLOCK

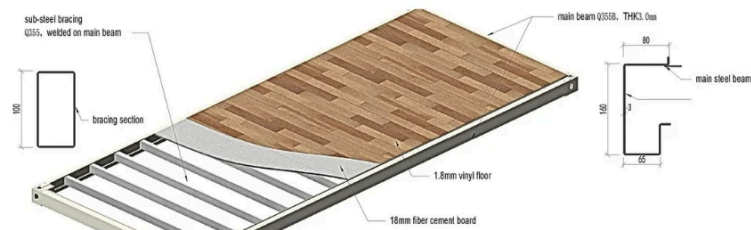
PLAD



SUB STEEL BRACING

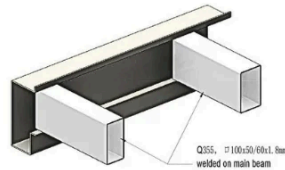
CORNER BLOCK

PLAD

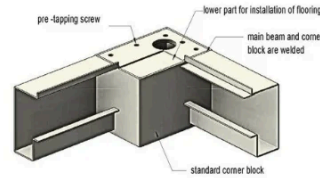


Performance parameters and advantages of floor frame:

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



CORNER BLOCK

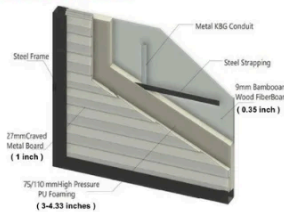
Floor Module



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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