

[← Back to Products](#)

OMNI

🏠 2 BEDROOM 🚿 1 BATH 📏 460 SQFT ⚖️ 13,000lbs

The OMNI is a sleek, modern, and energy-efficient prefab home designed to provide a luxurious yet affordable living experience. Crafted with high-quality materials and sustainable construction techniques, it boasts a minimalist exterior complemented by a smartly designed interior that maximizes space without compromising comfort. Ideal for urban living, temporary housing, or emergency shelters, the OMNI model offers unmatched versatility, durability, and cost-effectiveness. Installation takes only 4 hours and can be installed on any uneven surface for elevation as needed (flood zone).

Photos













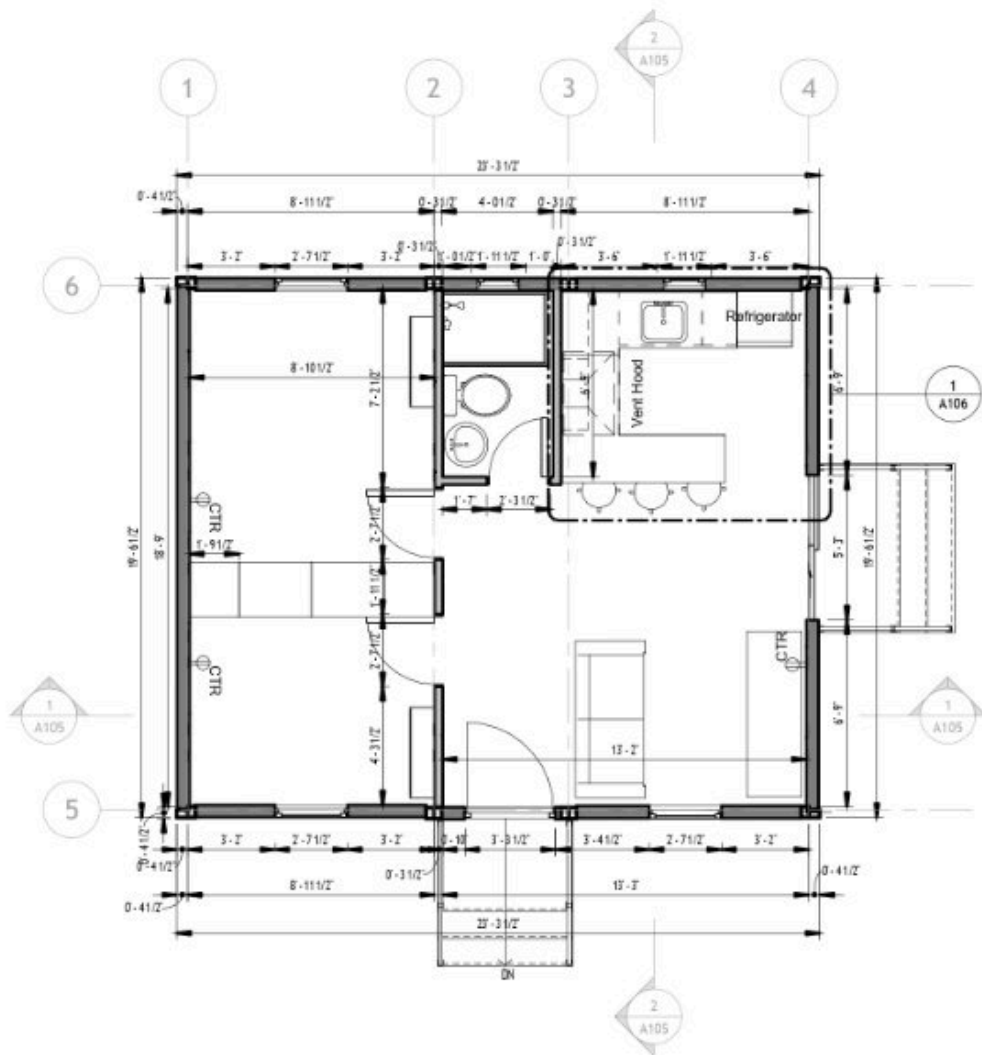








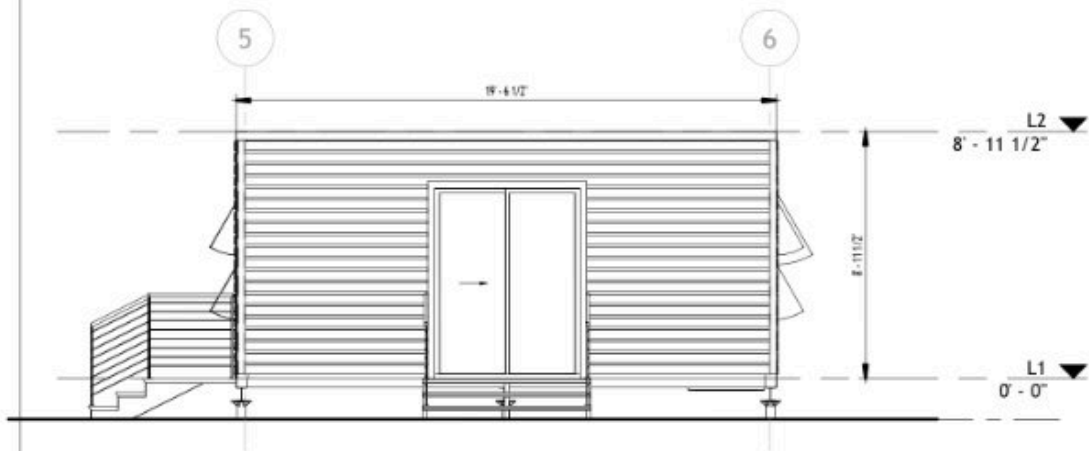
Floor Plans



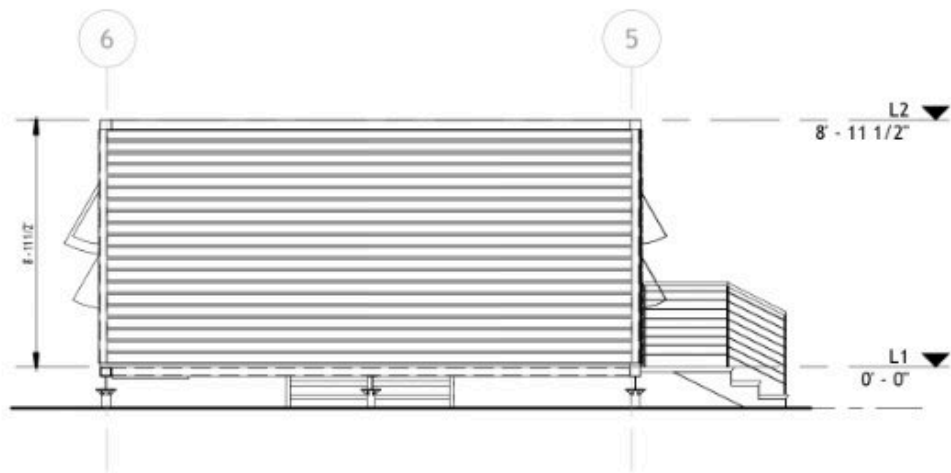
1 FLOOR PLAN
1/4" = 1'-0"

PLAD

Project location:-		
Client:	PLAD HOMES	Drawing NO:
Drawn by:	SM	A102
Checked by:	--	
Project Number: Project Number ARCHITECTURAL PLAN		
Date:	8/8/24	Scale at ANSI B standard



1 EAST ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"

PLAD

Project location:-

Client: PLAD HOMES Drawing NO:

Drawn by: Author

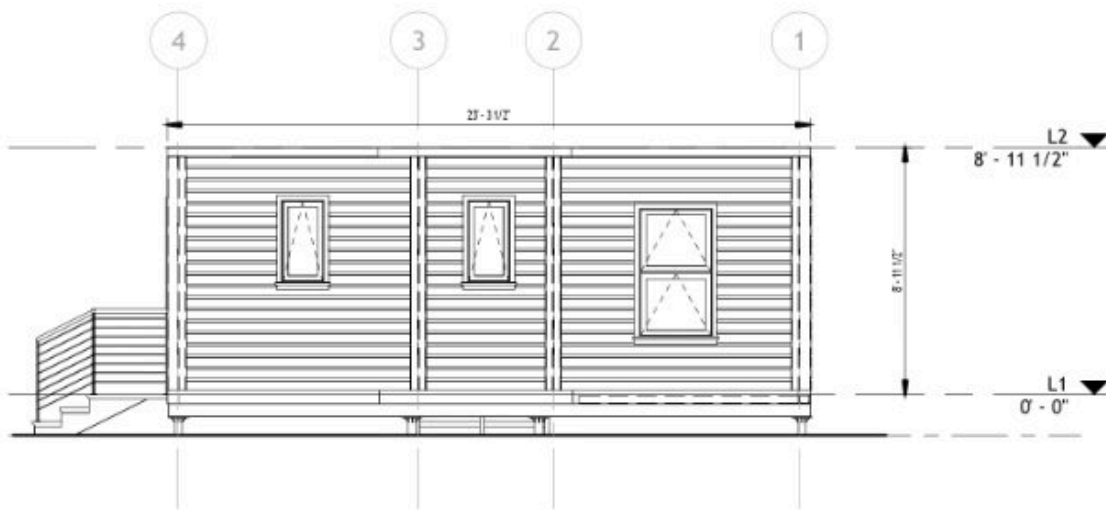
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Project Number: Project Number ARCHITECTURAL ELEVATION

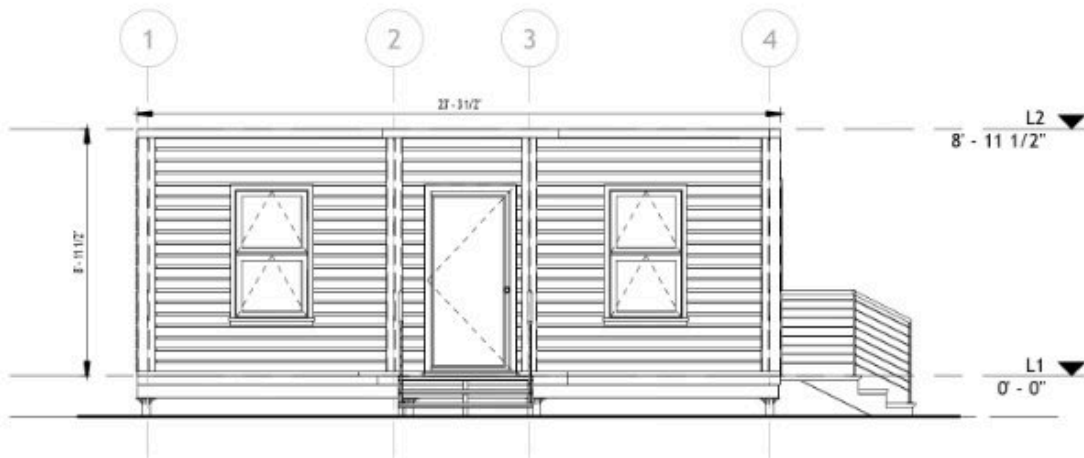
Date: 07/31/24

Scale at ANSI B standard

A103



1 NORTH ELEVATION
1/4" = 1'-0"



2 SOUTH ELEVATION
1/4" = 1'-0"

PLAD

Project location:-

Client: PLAD HOMES Drawing NO:

Drawn by: Author

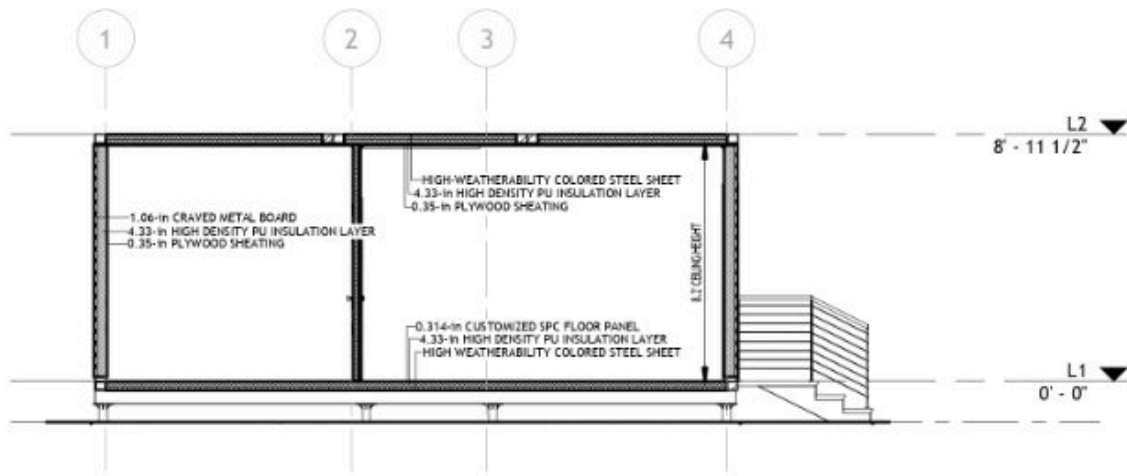
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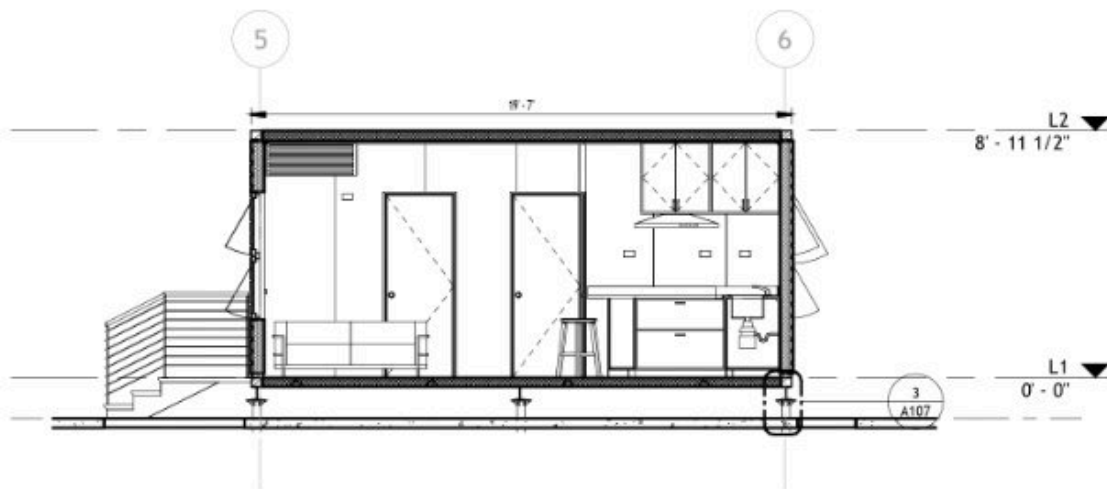
Date: 07/31/24

Scale at ANSI B standard

A104



1 SECTION VIEW
1/4" = 1'-0"



2 SECTION 2
1/4" = 1'-0"

PLAD

Project location:-

Client: PLAD HOMES

Drawing NO:

Drawn by: Author

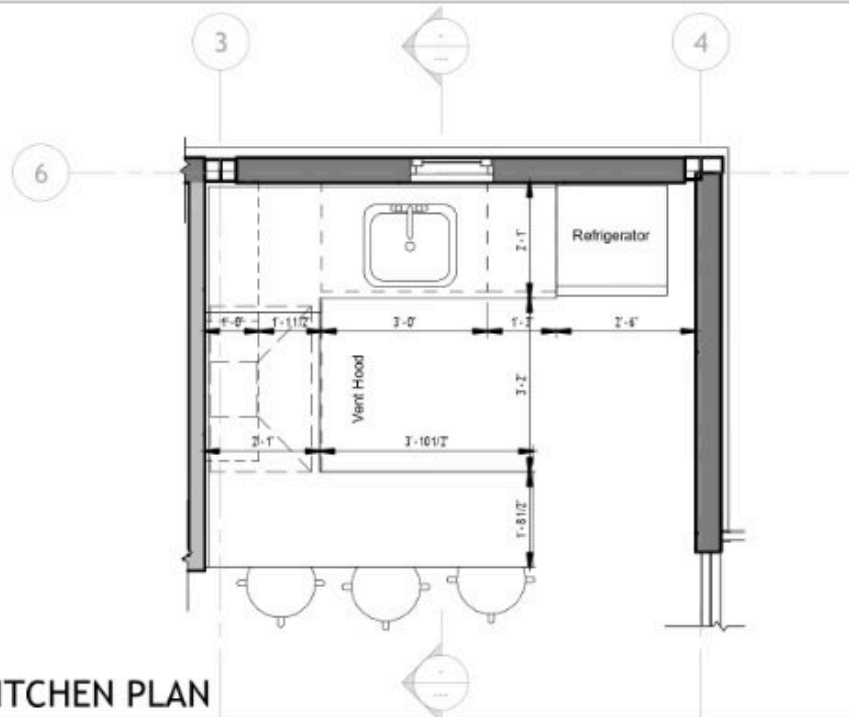
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Project Number: Project Number SECTION

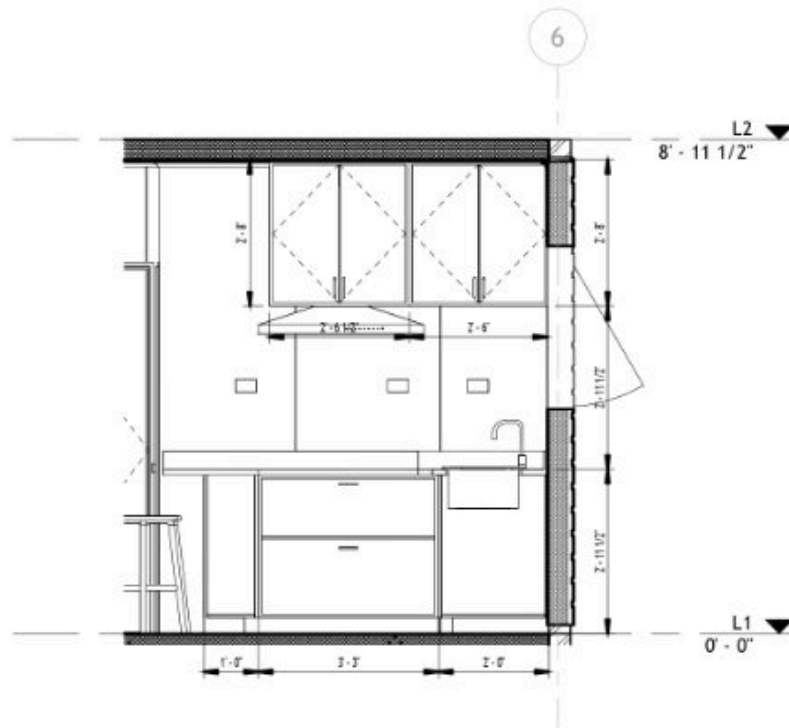
Date: 07/31/24

Scale at ANSI B standard

A105



1 KITCHEN PLAN
1/2" = 1'-0"



2 KITCHEN SECTION
1/2" = 1'-0"

PLAD

Project location:-

Client: PLAD HOMES

Drawing NO:

Drawn by: Author

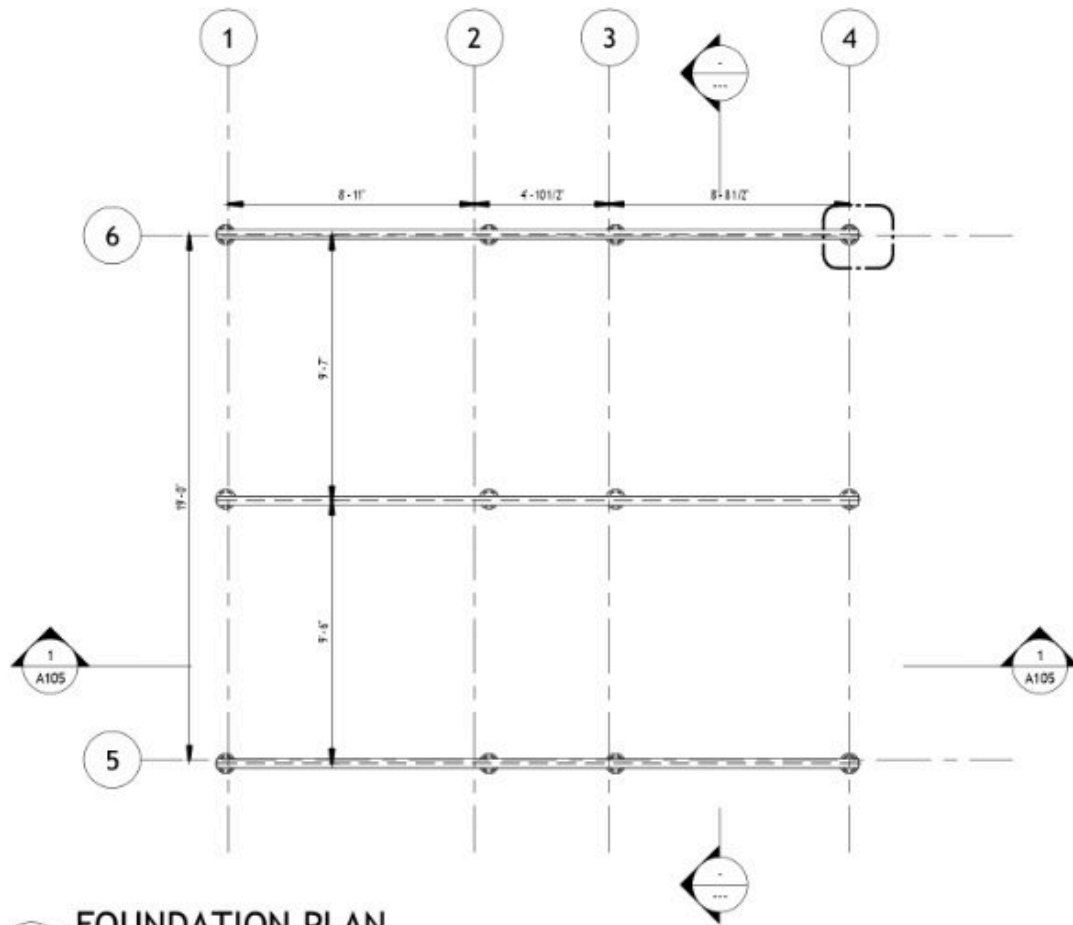
Checked by: Checker

Project Number: Project Number KITCHEN DETAIL

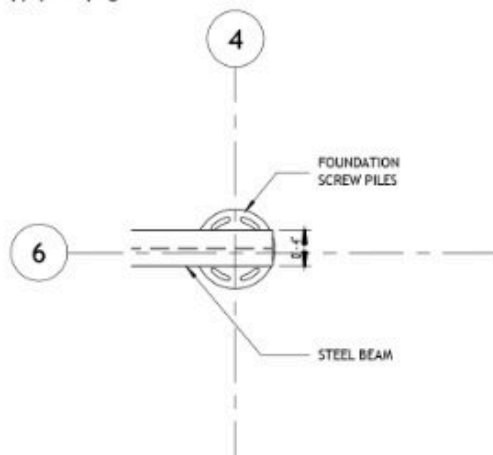
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Scale at ANSI B standard

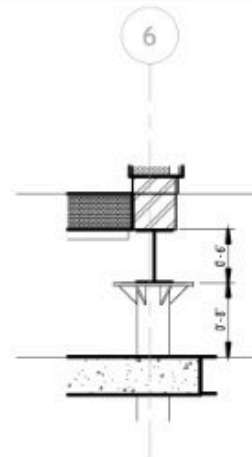
A106



1 FOUNDATION PLAN
1/4" = 1'-0"



2 SCREW PILES DETAIL
1" = 1'-0"

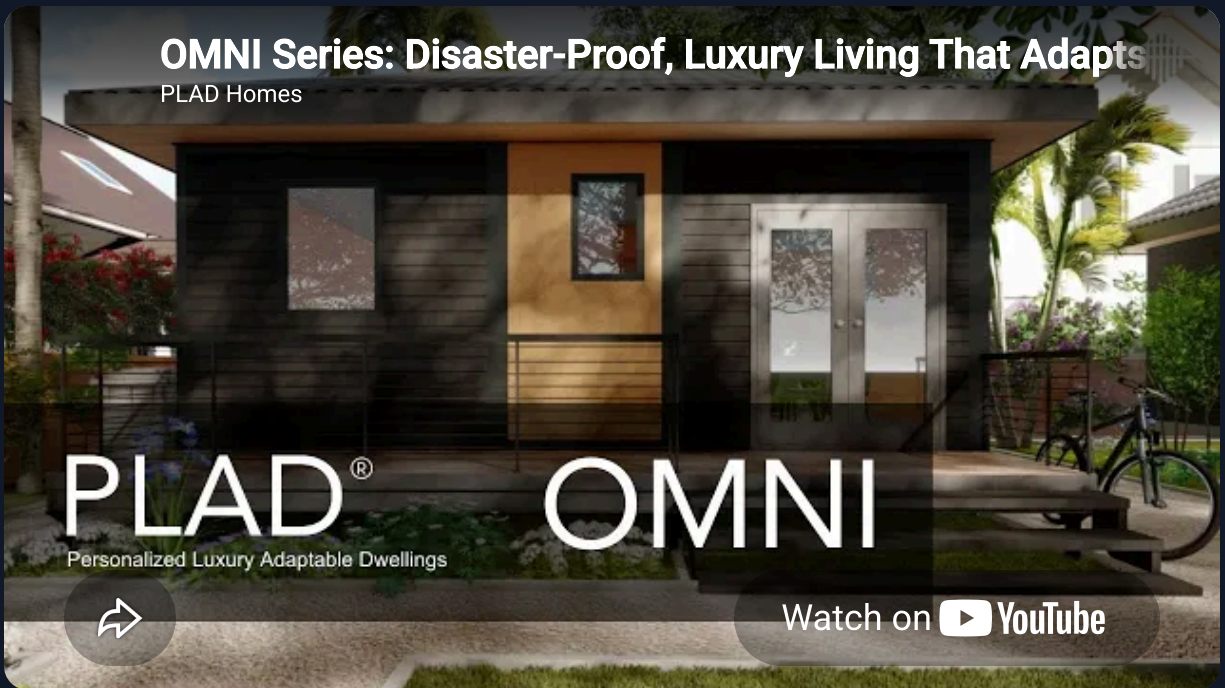


3 SCREW PILE SECTION
1" = 1'-0"

PLAD

Project location:-		
Client:	PLAD HOMES	Drawing NO:
Drawn by:	SM	A107
Checked by:	Checker	
Project Number: Project Number FOUNDATION PLAN		
Date:	08/08/24	Scale at ANSI B standard

Videos



3D videos

Virtual 360 Tour: OMNI Home Exterior

PLAD Homes

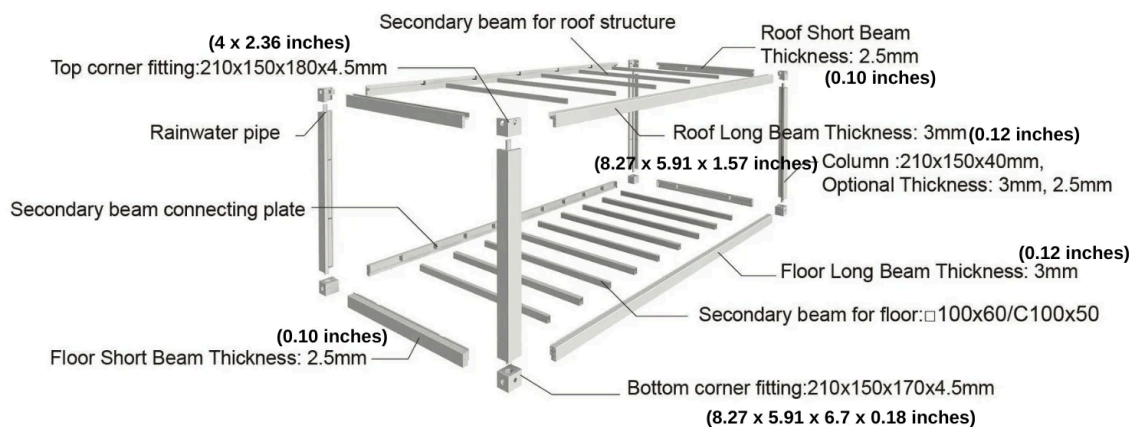


Watch on  YouTube

Material

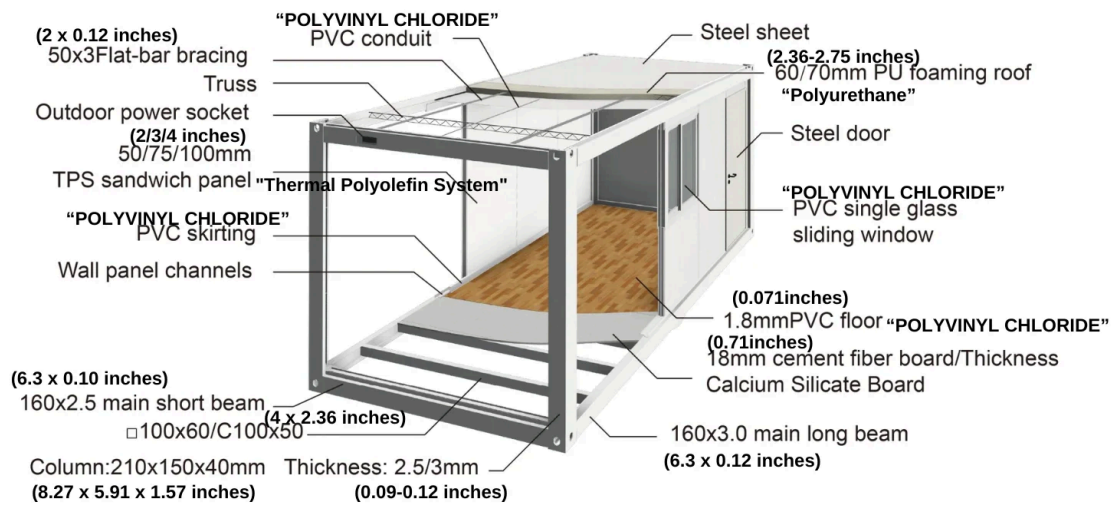
PLAD

Eco Material Composition

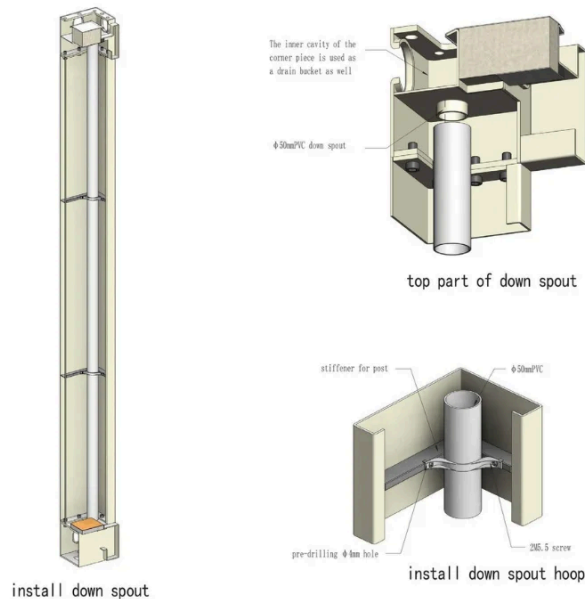


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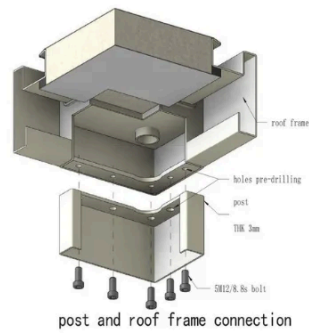
Eco Material Composition



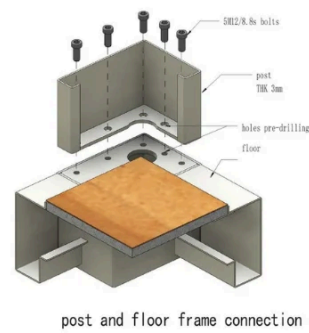
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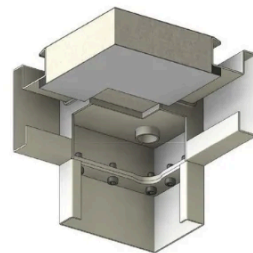
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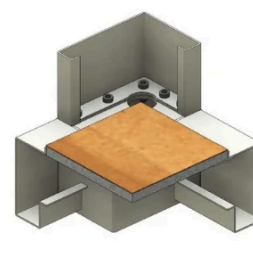
post and roof frame connection



post and floor frame connection

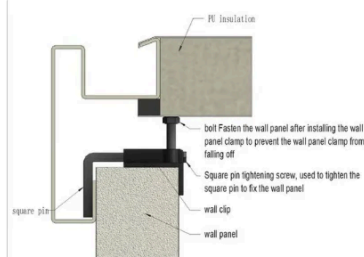


post and roof frame connection 2

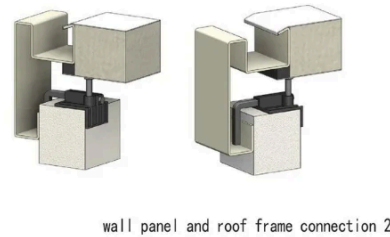


post and floor frame connection 2

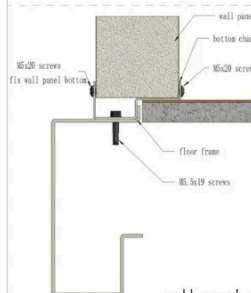
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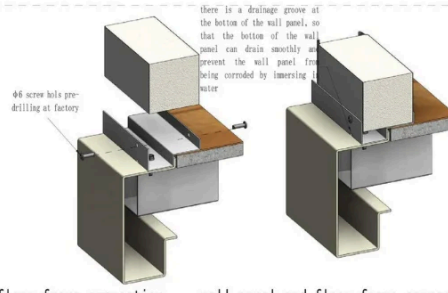
wall panel and roof frame connection



wall panel and roof frame connection 2



wall panel and floor frame connection

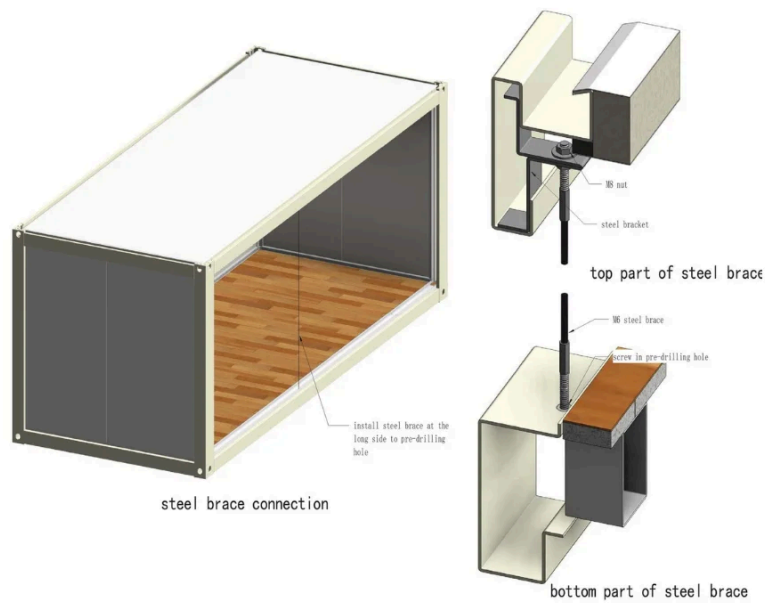


wall panel and floor frame connection 2

SUB STEEL BRACING

CORNER BLOCK

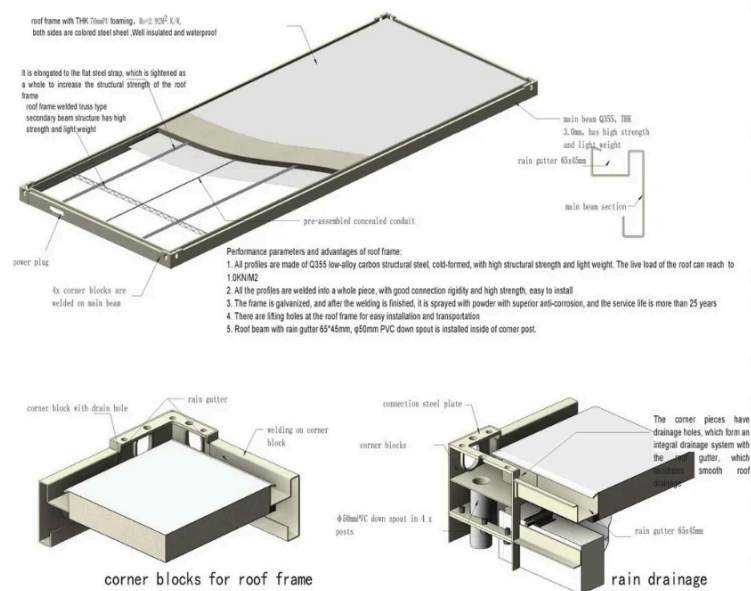
PLAD



SUB STEEL BRACING

CORNER BLOCK

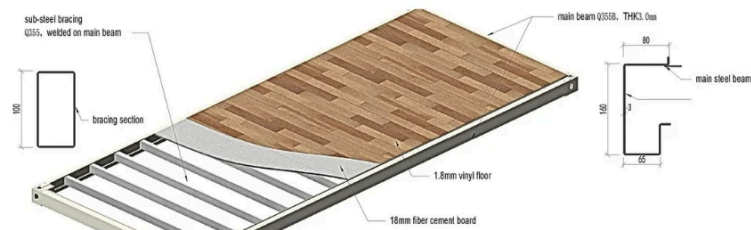
PLAD



SUB STEEL BRACING

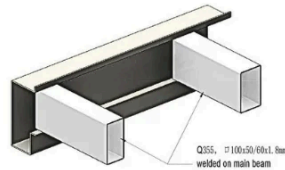
CORNER BLOCK

PLAD

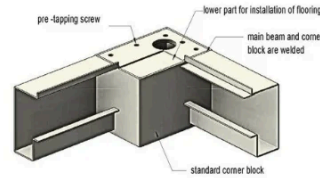


Performance parameters and advantages of floor frame:

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

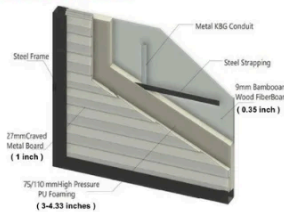
Floor Module



Ceiling Module



Exterior Wallboard Module



Interior Wallboard Module



Specification

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)



PLAD®

Wind Load: 185 mph
Snow Load: 21 psf
Seismic Resistance: Grade 9
Sound Insulation: ≥ 60 dB
Life Span: 100 years
Weight: 13,000 lbs

Product Approval: Built to Miami-Dade code
Type: Permanent home

VS



OTHER BRANDS (Amazon)

Wind Load: 74 mph
Snow Load: 20.89 psf
Seismic Resistance: Grade 8
Sound Insulation: ≥ 30 dB
Life Span: 10-15 years
Weight: 2,000 lbs

Product Approval: Not approved by building codes
Type: Temporary shed buildout

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

Certification

PLAD

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PDF Preview

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