

PLAD

PERSONAL LUXE
ACCESSORY DWELLINGS



THE AURA
1280 Sq Ft - 3 Bedrooms 2 Bathrooms

A modern, minimalist living room with large windows, a chair, and a bed. The room features light-colored wood flooring, white curtains, and a large window with a view of greenery. A modern chair is on the left, and a bed with a grey headboard is on the right. The text is overlaid on a semi-transparent dark grey background.

PLAD
Translates to "Steel"
and is also an acronym for,
Personal Luxe Accessory Dwellings

PLAD

PERSONAL LUXE
ACCESSORY DWELLINGS

PLAD MODULAR HOMES:

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



1280 Sq Ft - 3 Bedrooms 2 Bathrooms

THE AURA



PLAD
Modular Homes Crafted with Precision-Engineered Steel Frames and Thermal Insulated Panels for Superior Performance.

Starting at \$99k

CHOOSE YOUR PLAD THE AURA



1280 Sq Ft of Freedom of Your 3 BDR | 2 BTH home

Beyond individual homes, PLAD is dedicated to developing vibrant communities and villages. Each project is meticulously planned to enhance quality of life, promote sustainability, and foster social connections.

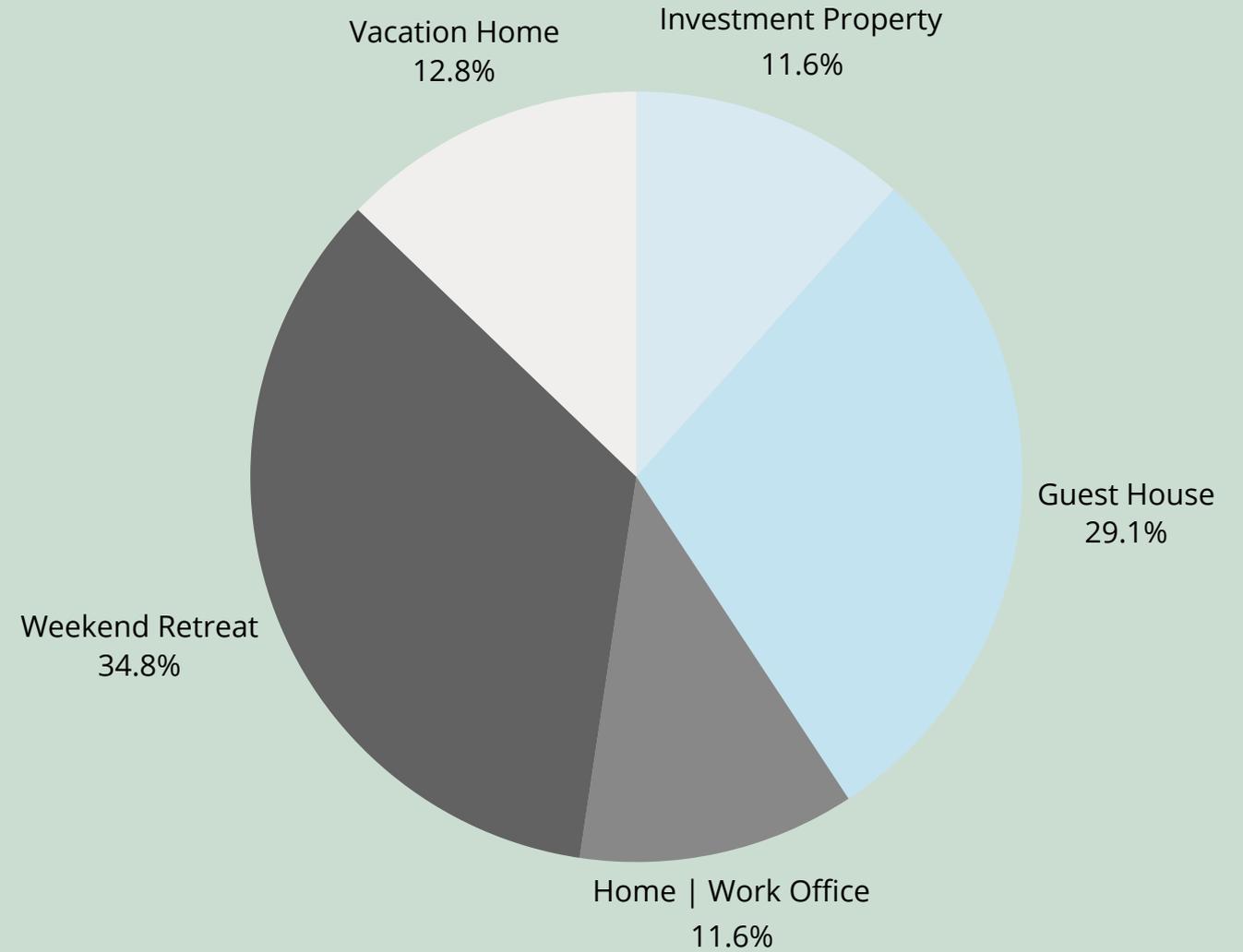
Personal Luxury Redefined in a Steel Home

Our tagline, "Global Housing Solution," reflects our commitment to providing adaptable housing solutions worldwide. PLAD homes are designed for easy transportation and quick assembly, making them ideal for various terrains and climates.

PLAD

Invest In Your Own Freedom

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





THE AURA

PLAD

MAIN BEDROOM

THE AURA





MAIN BEDROOM

THE AURA



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DINETTE

THE AURA



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LIVING AREA



INTERIOR VIEW

THE AURA



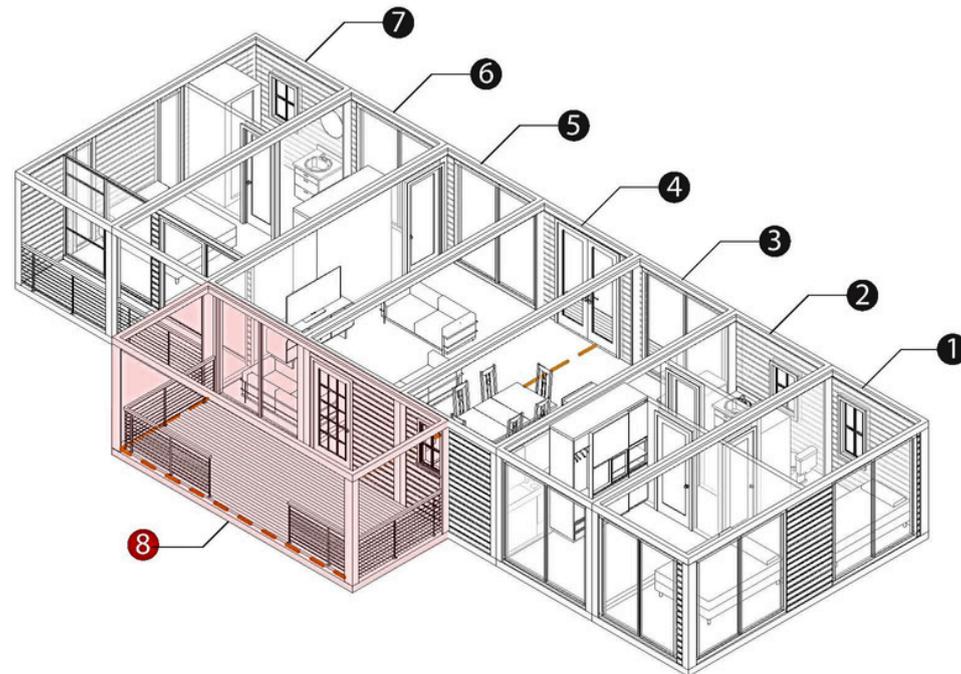
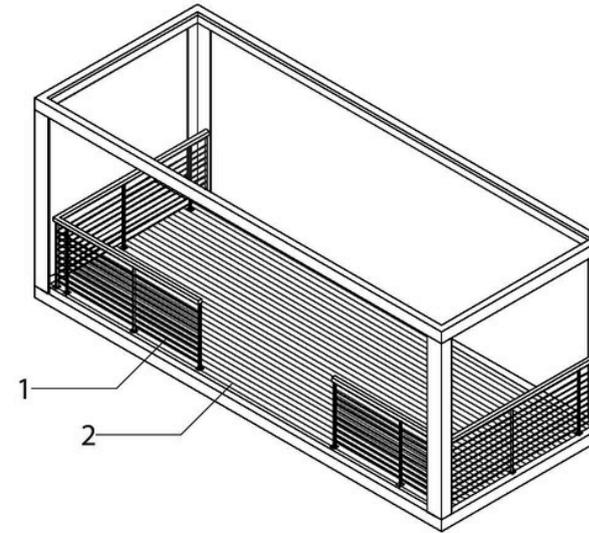
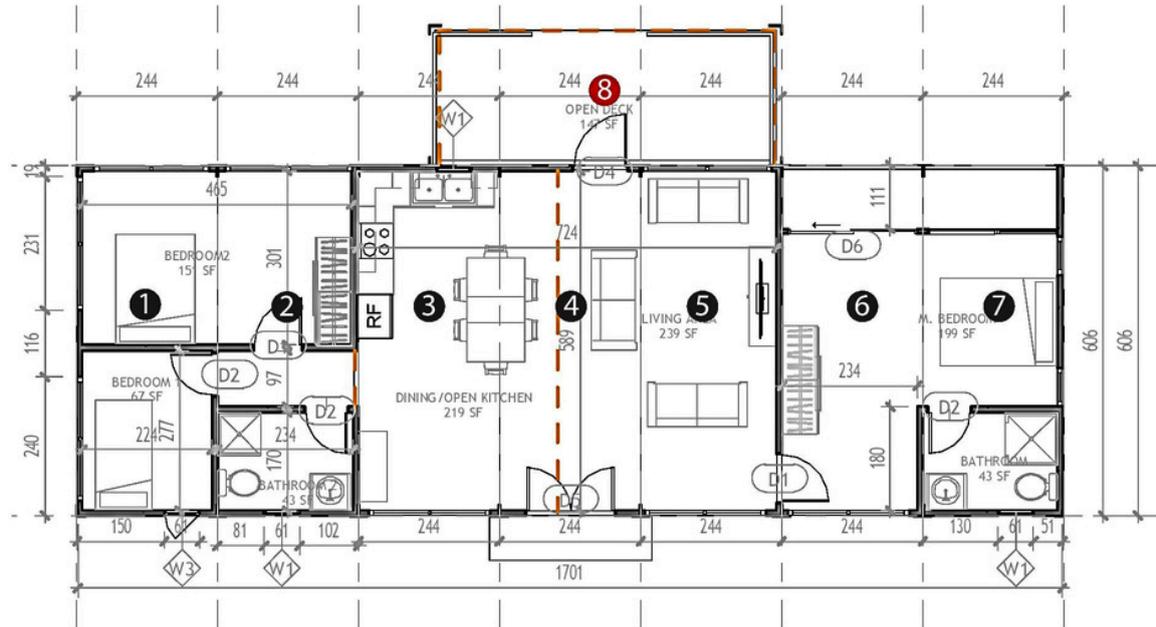
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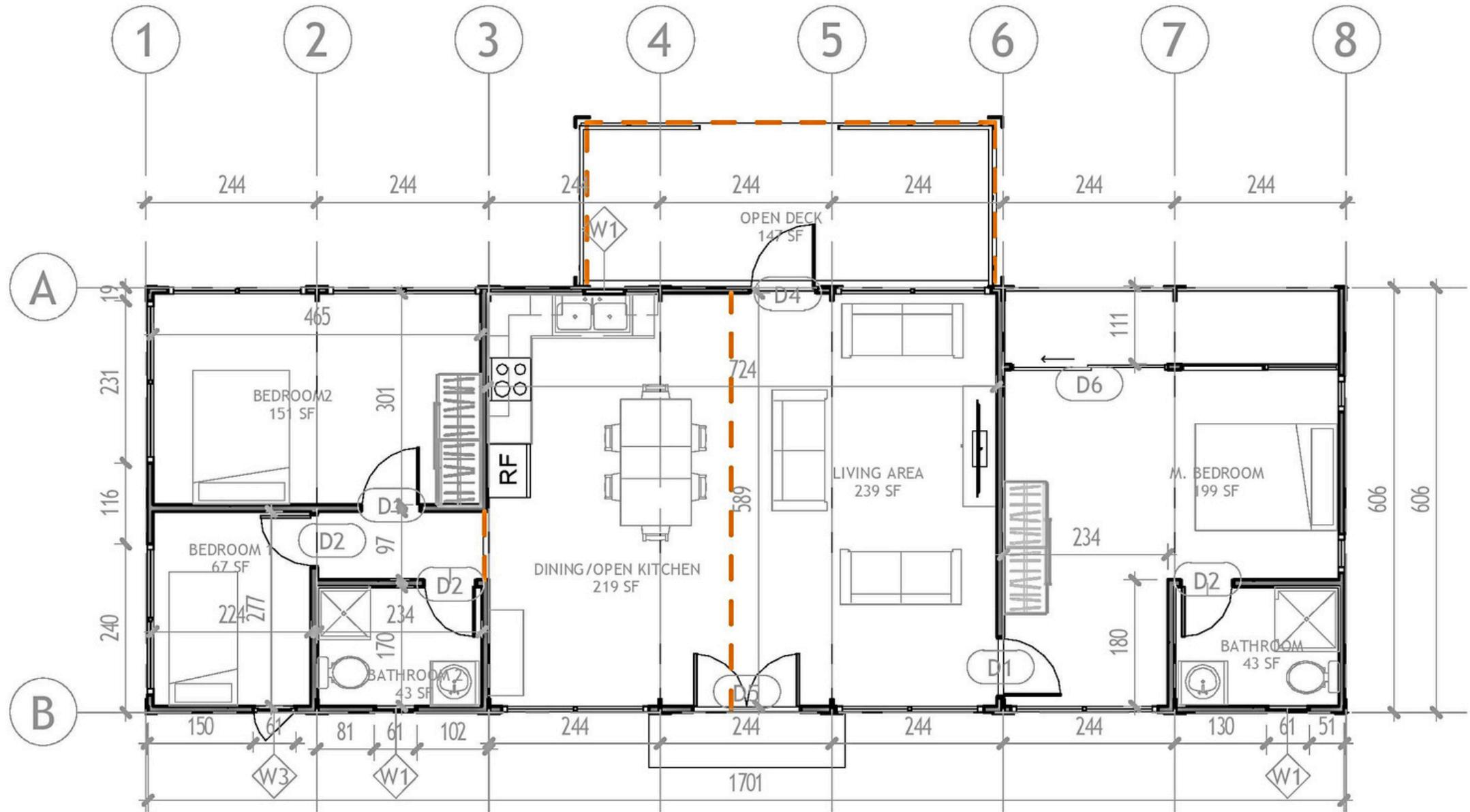
Adapt Your Design To Any Environment.
Engineered for a Horizontal / Lateral
Build On-Site Within Hours.
Stackable 8" x 20" ft Modules.

THE AURA

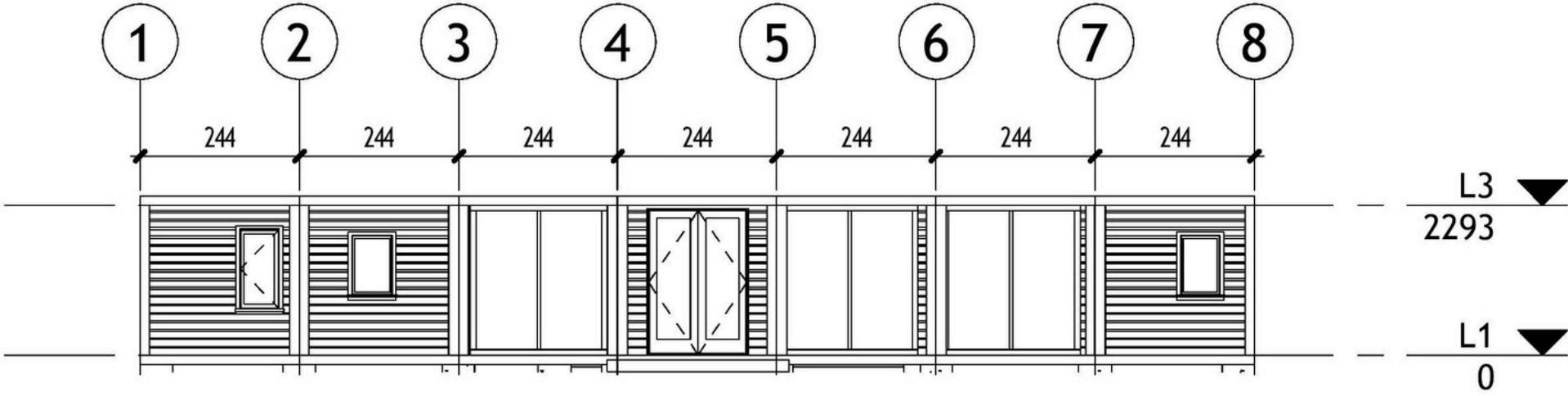
1280 Sq Ft - 3 Bedrooms 2 Bathrooms



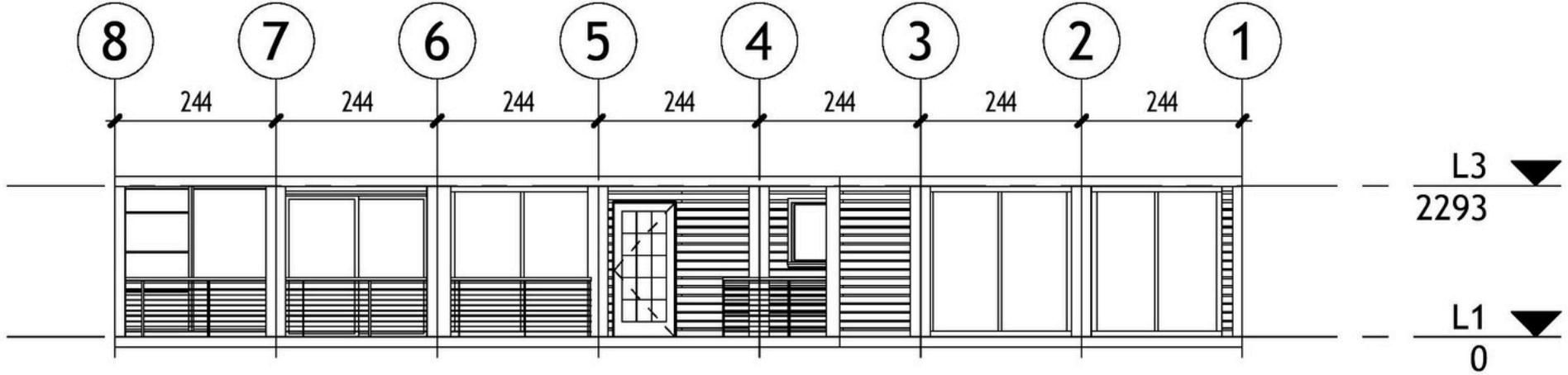
MODULE 8					
ITEM	DESCRIPTION	EXTERIOR DETAIL	IMBEDED OPENINGS	INTERIOR DETAIL	QUANTITY
1	8240mm Total length Metal framed railing	Baulster height 850mm with top rail height of 900mm		Full black paint coated	1
2	Hardwood decking	wood grain			



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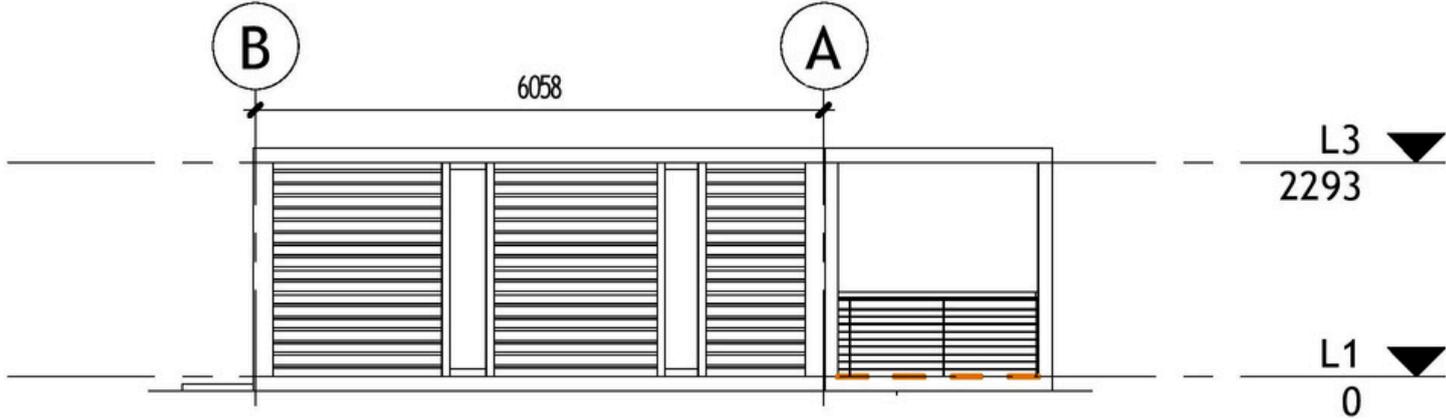
1 FRONT ELEVATION



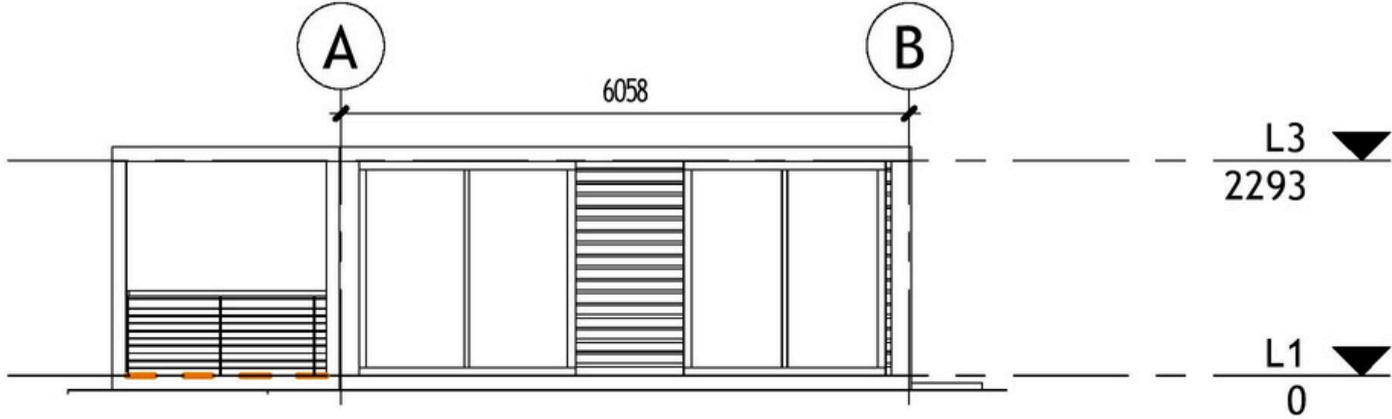
2 BACK ELEVATION

THE AURA

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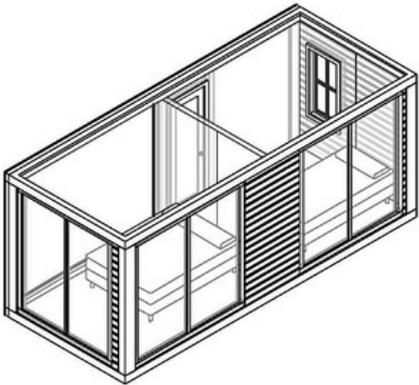


1 Right side elevation

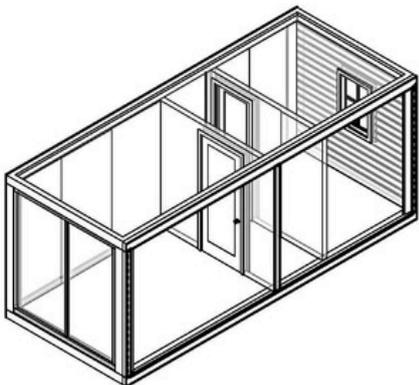


2 Left side elevation

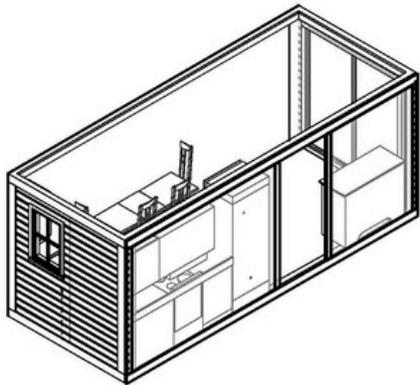
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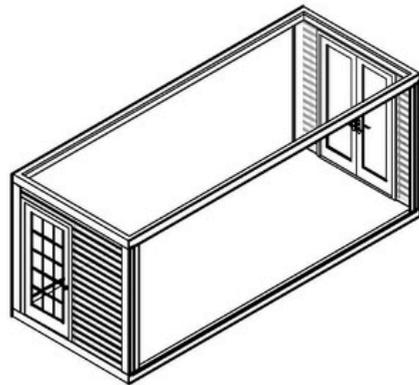
1 Module 1



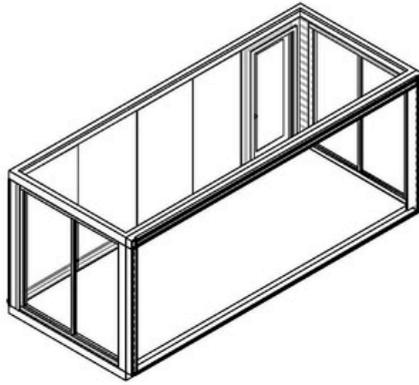
2 Module 2



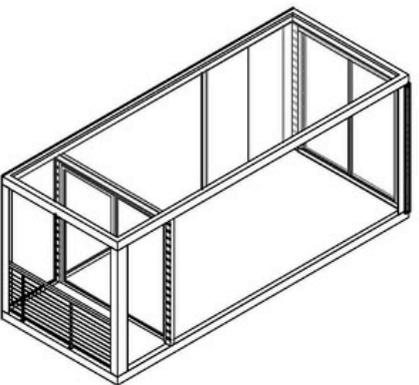
3 Module 3



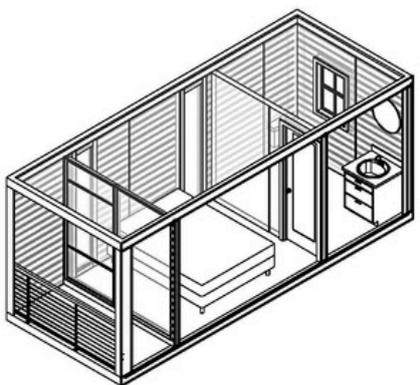
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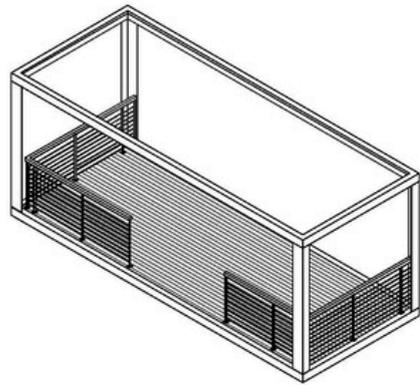
5 Module 5



6 Module 6

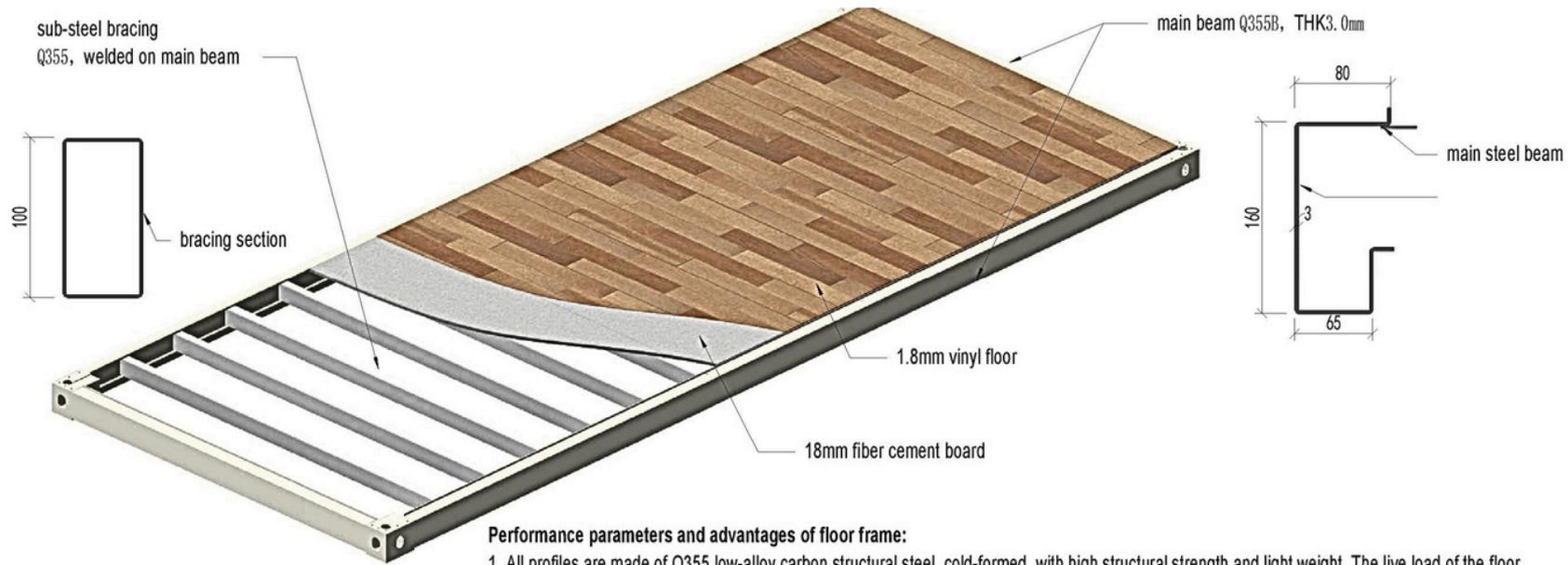


7 Module 7



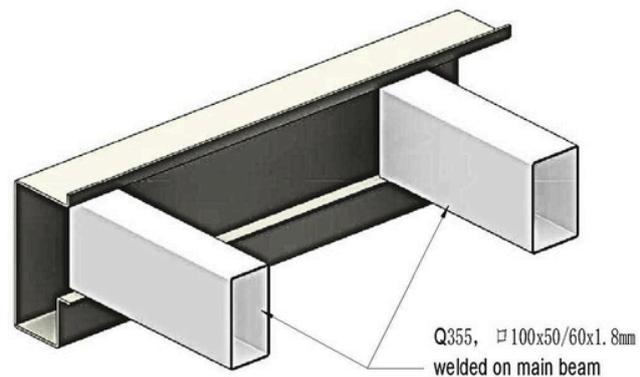
8 Module 8

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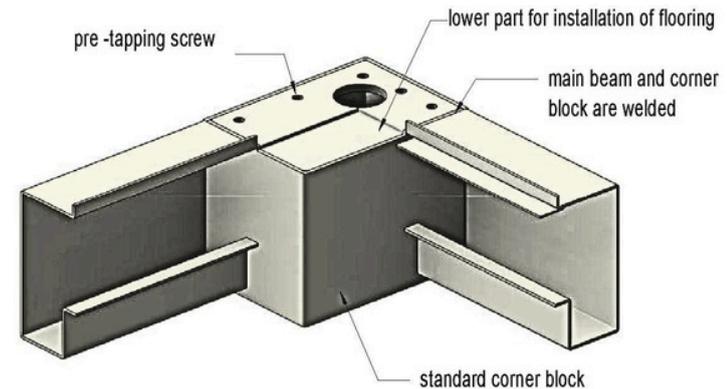


Performance parameters and advantages of floor frame:

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

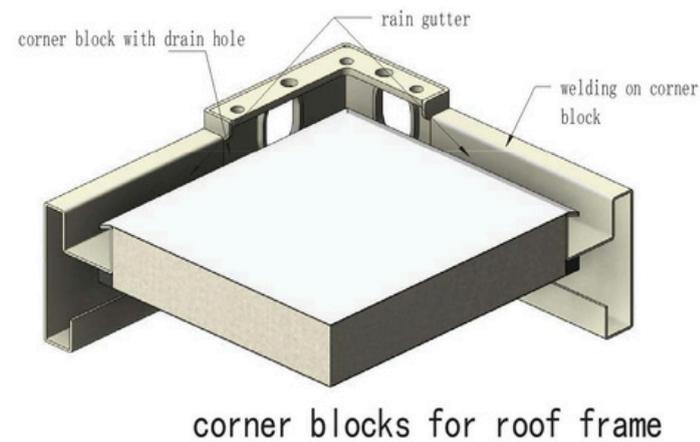
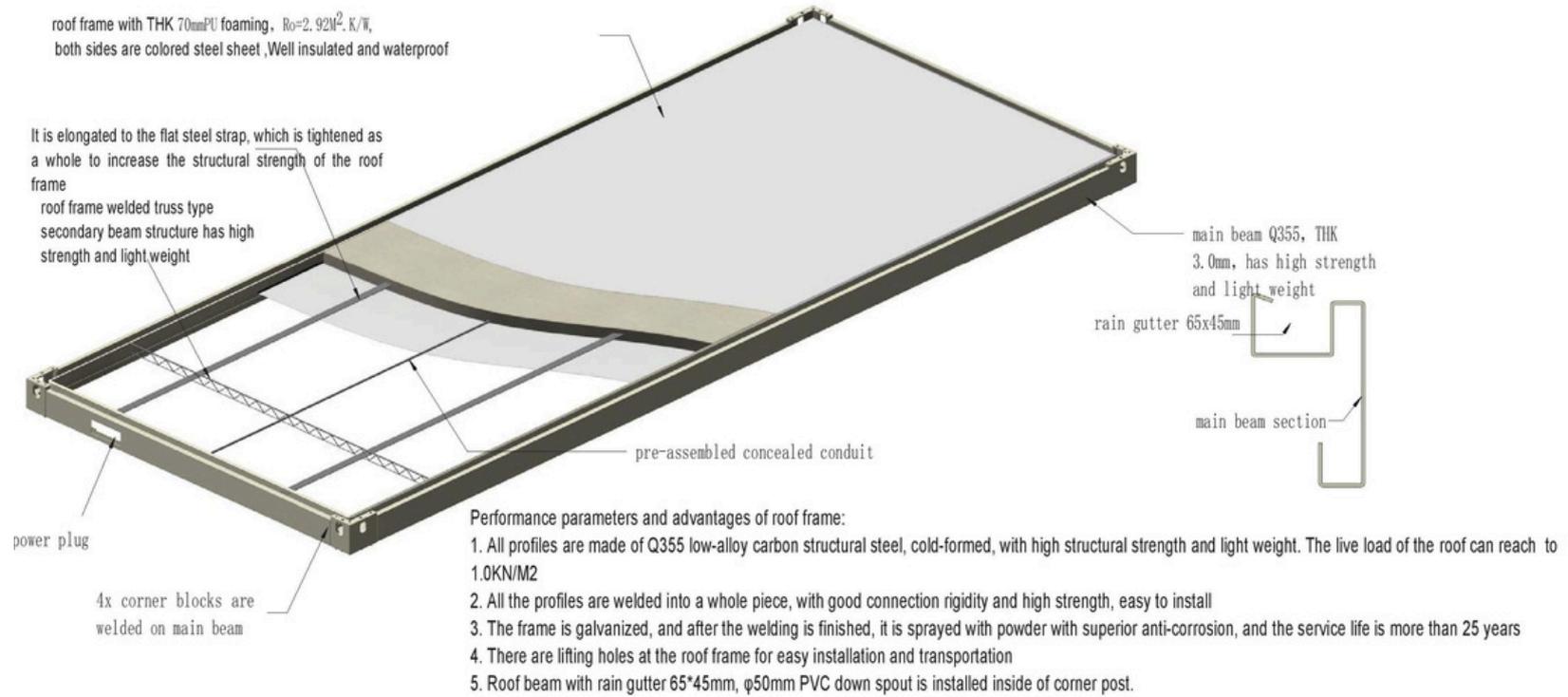


SUB STEEL BRACING

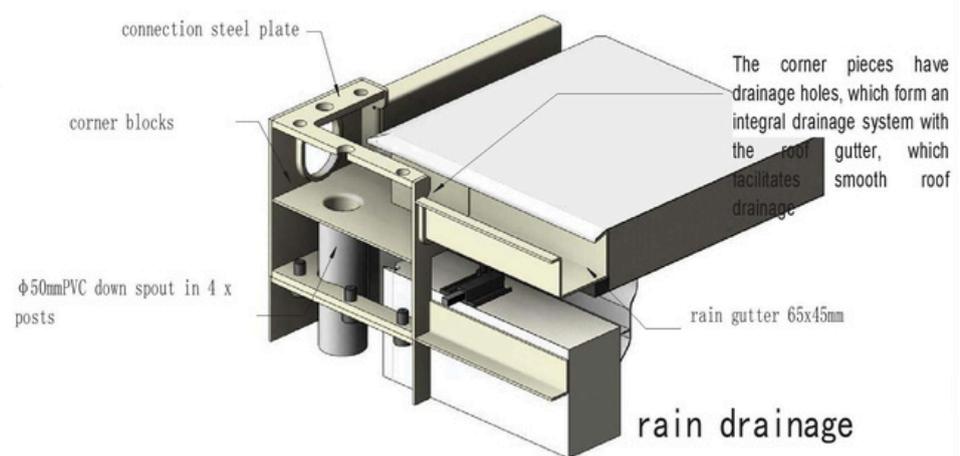


CORNER BLOCK

PLAD



SUB STEEL BRACING

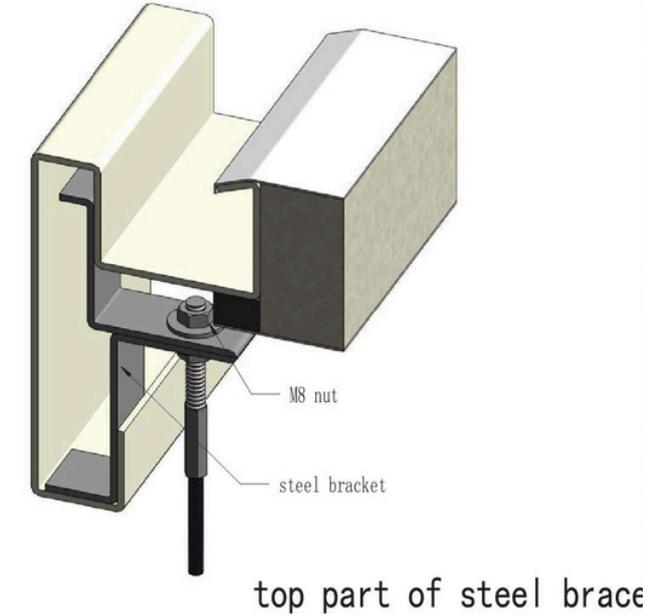


CORNER BLOCK

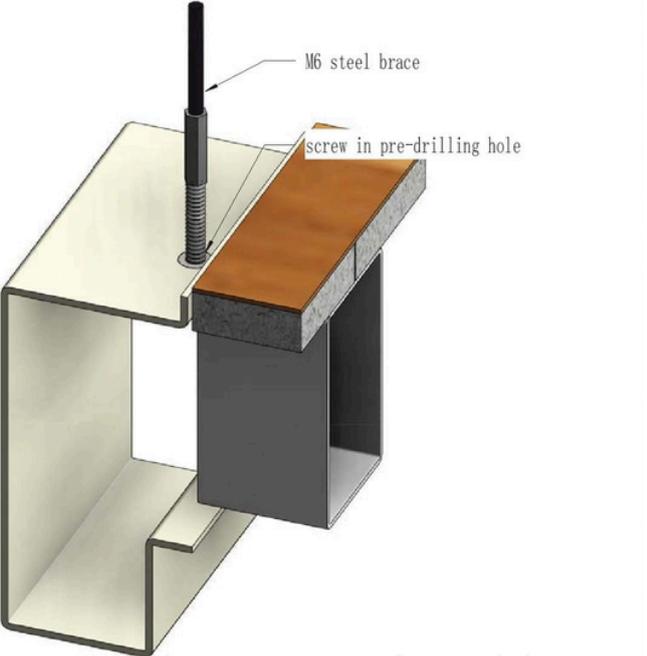
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steel brace connection



top part of steel brace

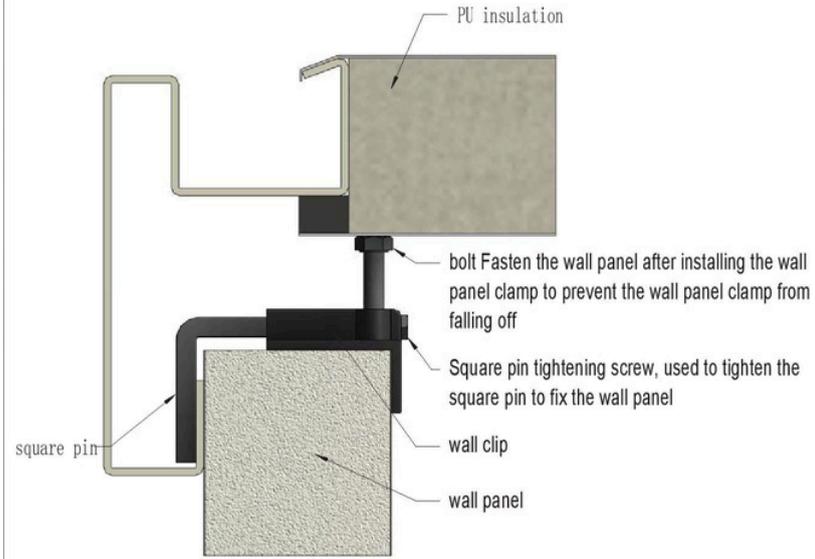


bottom part of steel brace

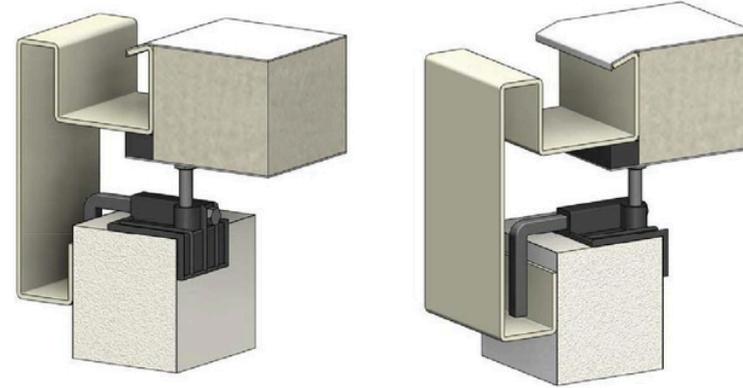
SUB STEEL BRACING

CORNER BLOCK

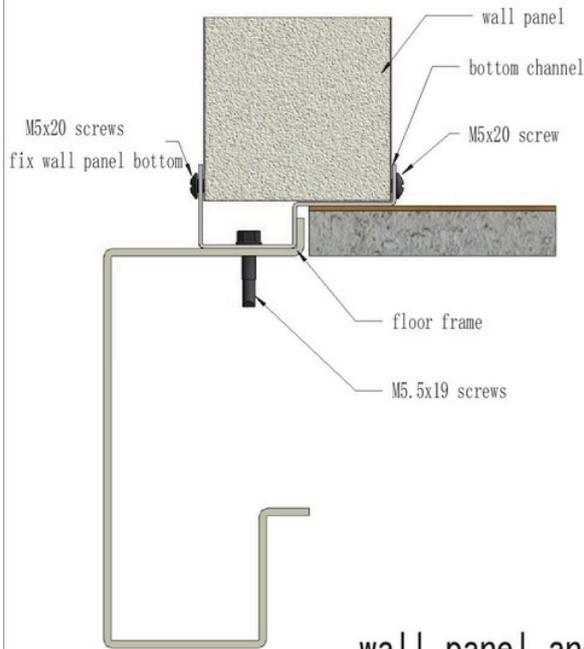
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wall panel and roof frame connection

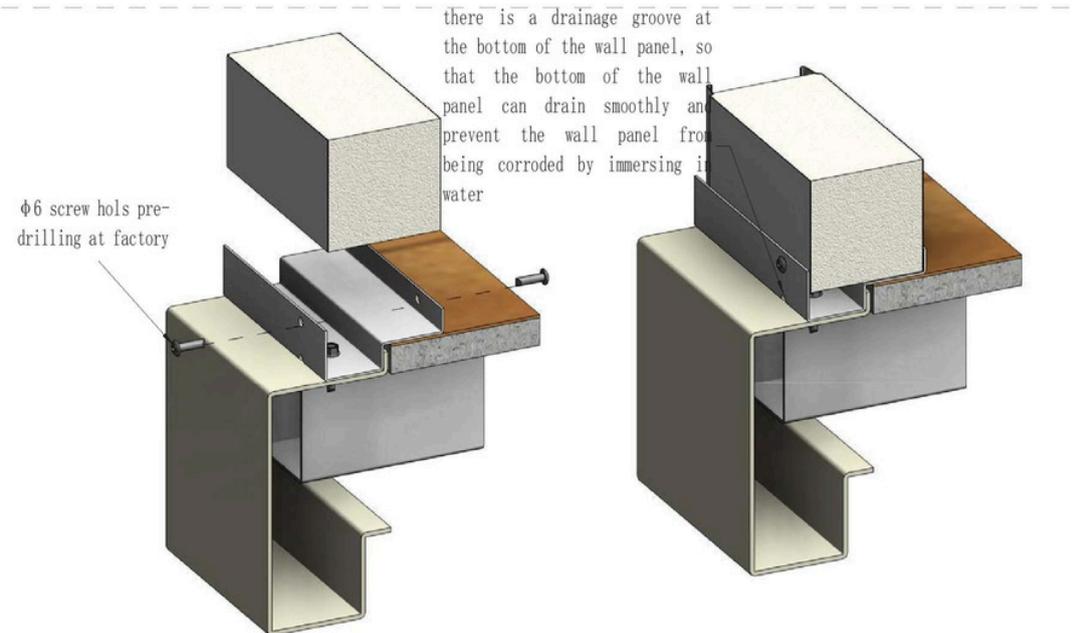


wall panel and roof frame connection 2



wall panel and floor frame connection

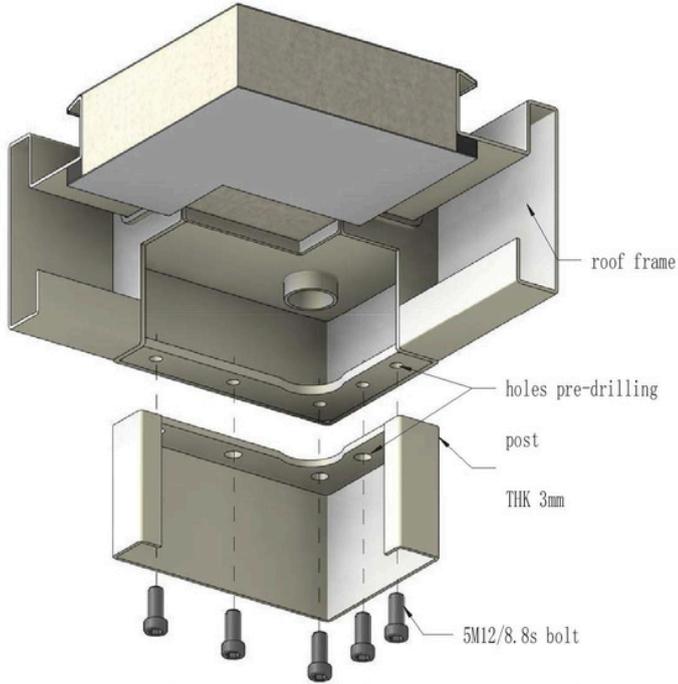
SUB STEEL BRACING



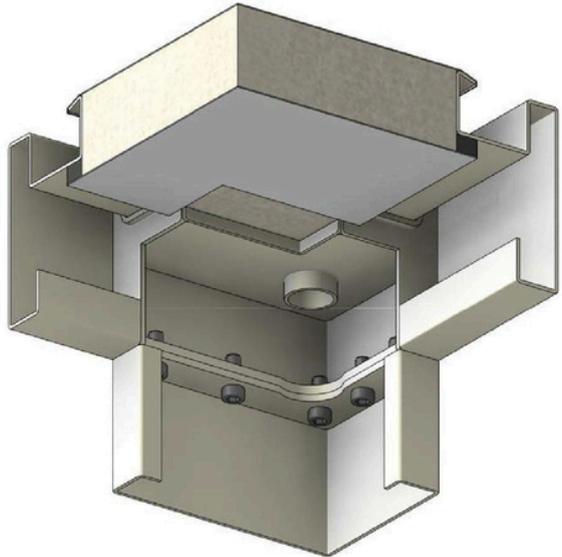
wall panel and floor frame connection

CORNER BLOCK

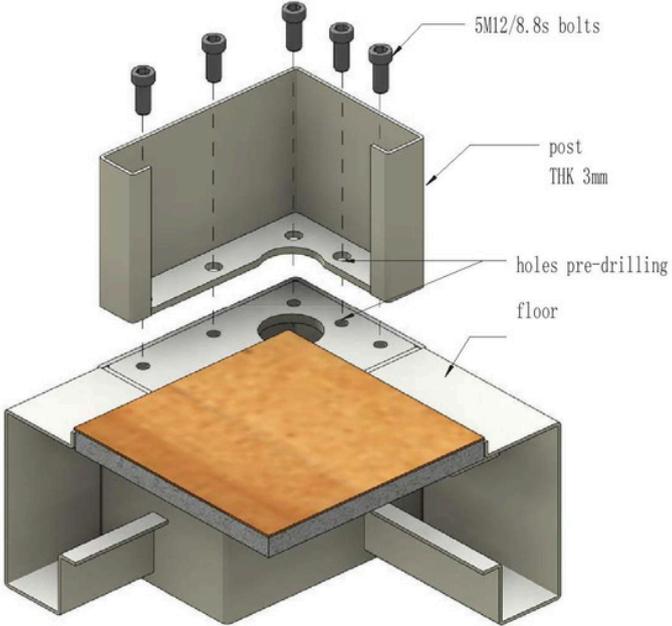
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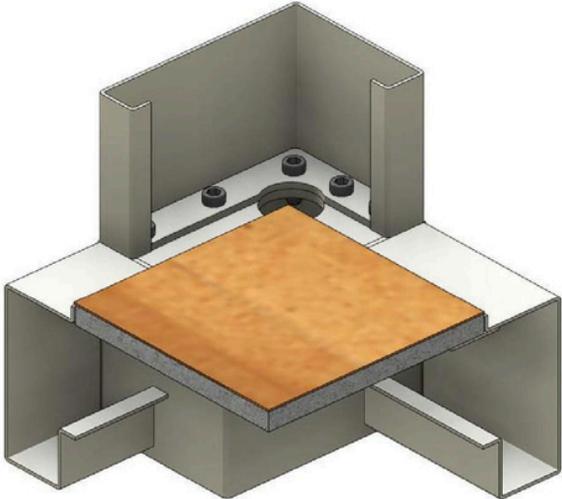
post and roof frame connection



post and roof frame connection 2

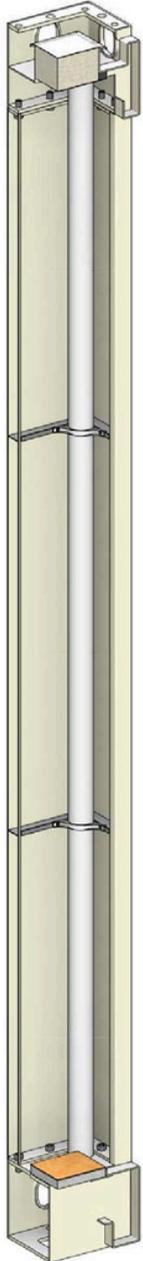


post and floor frame connection

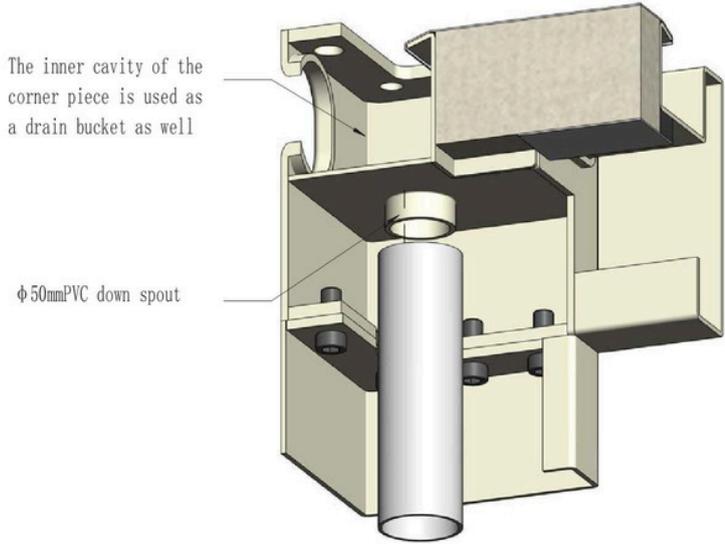


post and floor frame connection 2

PLAD



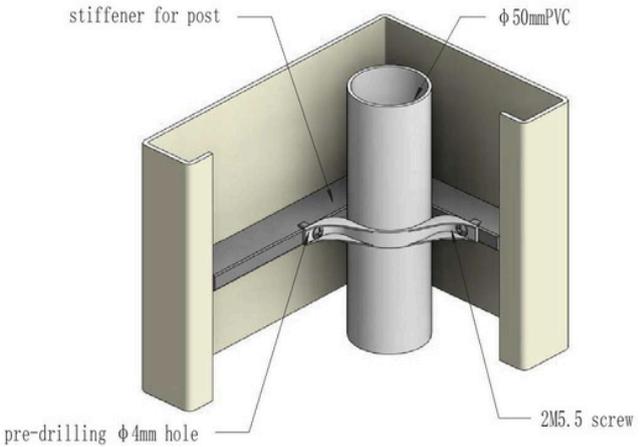
install down spout



The inner cavity of the corner piece is used as a drain bucket as well

φ 50mm PVC down spout

top part of down spout



stiffener for post

φ 50mm PVC

pre-drilling φ 4mm hole

2M5.5 screw

install down spout hoop

PLAD

MAIN TECHNICAL PARAMATERS

Product Description	Sandwich Panels for roof and wall coverings		
Type	MW Sandwich Panel	PUR Sandwich Panel	EPS Sandwich Panel
Core Thickness (mm)	50.75	50.75	75
Reaction to Fire	A2-s1,d0	B-s2-d0	B-s1,d0
Coating	AlZnMg		

STRUCTURAL COMPONENTS

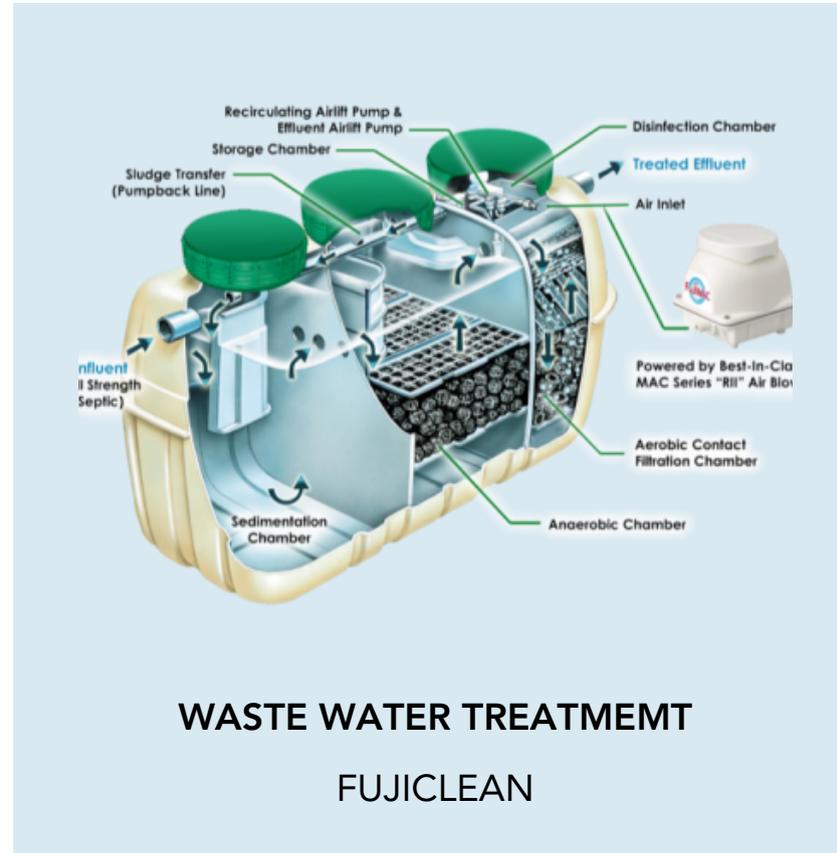
R value			
Part	Materials	thickness(mm)	R value(m ² k/w)
Wall	Rock wool	60	1.333
" "	" "	75	1.666
" "	" "	100	2.222
Roof	PU	70	4.166

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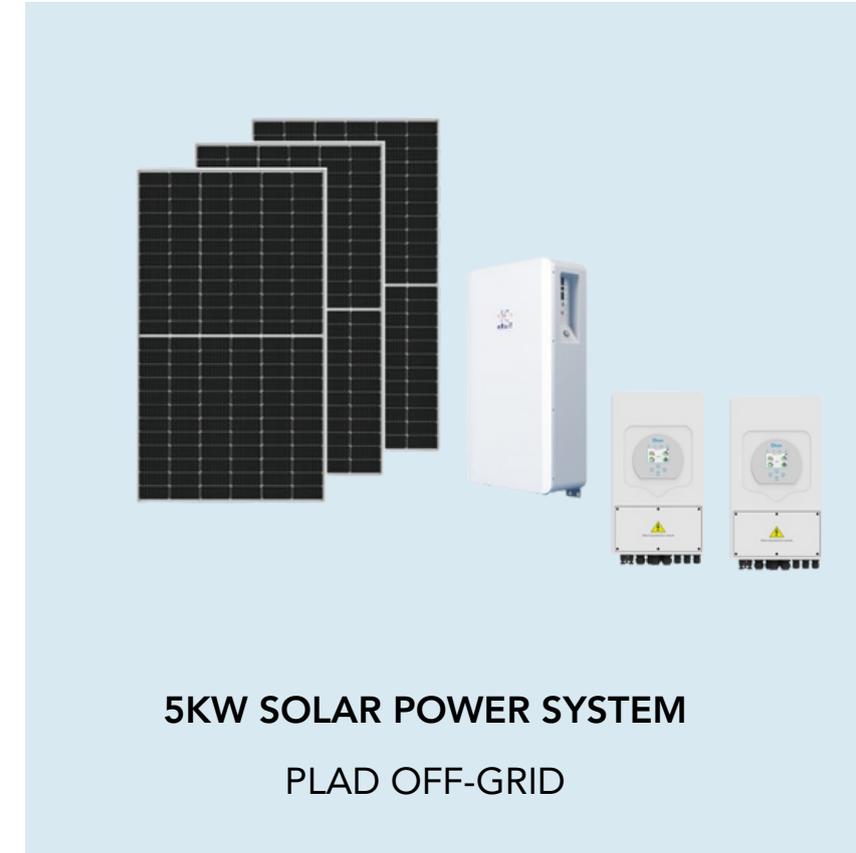
OFF GRID UTILITIES



GREY WATER TREATMENT
HYDRALOOP



WASTE WATER TREATMENT
FUJICLEAN



5KW SOLAR POWER SYSTEM
PLAD OFF-GRID

Please contact your PLAD Homes Rep for more information & availability in your area.

PLAD



THE AURA

PLAD

Creating Communities Building Futures



RAPID INSTALLATION:
8-HOUR ASSEMBLY

ANTI-CORROSION: 20 YEARS

WIND RESISTANCE: 3KN /M2

SEISMIC RESISTANCE: GRADE 9

SOUND PROOFING: >60DB

SNOW LOAD CAPACITY: 1KN/M2

SERVICE LIFE: 50 YEARS

FIRE RESISTANCE: GRADE 3 (0.5 HOURS)

JOIN PLAD Homes in Shaping the Future of Housing.

Whether you're looking for a modern dwelling or envisioning a community-centric lifestyle, PLAD offers a transformative approach to housing and community development.

We create thoughtfully planned developments that prioritize community well-being and social interaction.



PLAD



THE ATRIUM
PRE ORDERS ONLY





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PERSONAL LUXE
ACCESSORY DWELLINGS

PLAD Homes
2450 Hollywood Blvd
Suite 503
Hollywood, FL 33020