

200 SETS

CONFIDENTIAL COLD-CLIMATE WIND ENERGY PROJECT

FLAT-PACK MODULAR WORKFORCE CAMP

Prepared for public case-study use - legal entity redacted

Date: August 2026

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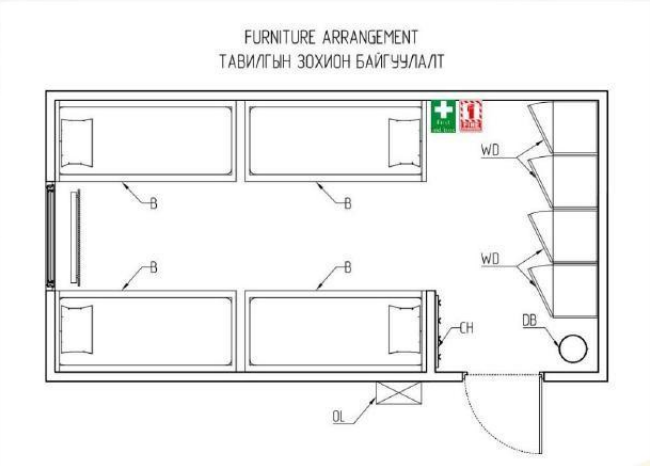
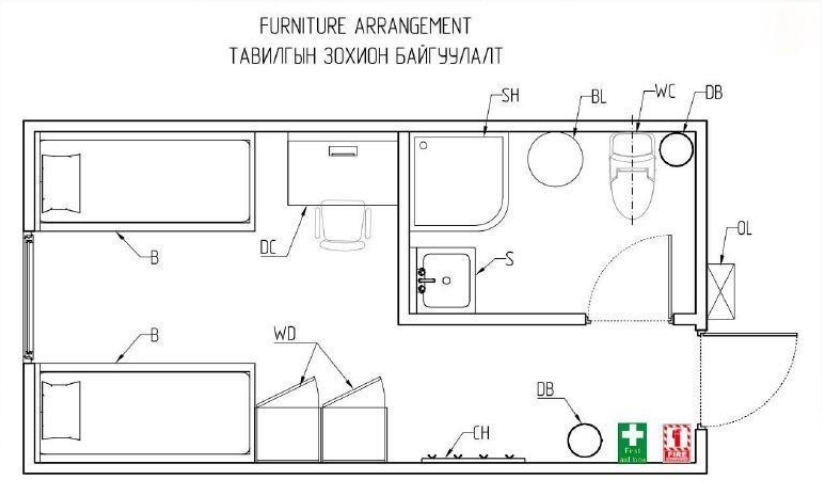
PROJECT PROPOSAL— —LAYOUT

▶ FLOOR PLAN FOR TYPE 1



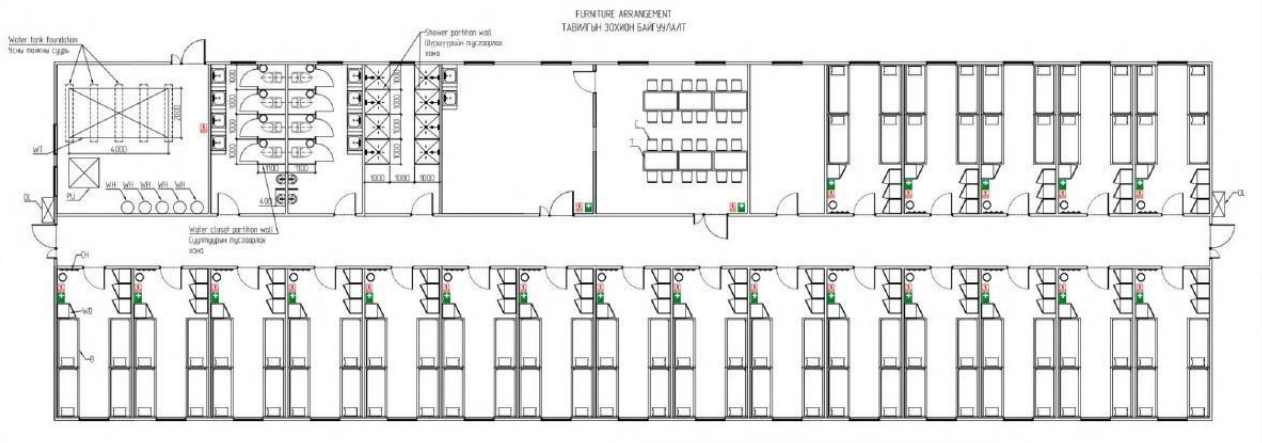


▶ FLOOR PLAN FOR TYPE 2





FLOOR PLAN FOR TYPE 3









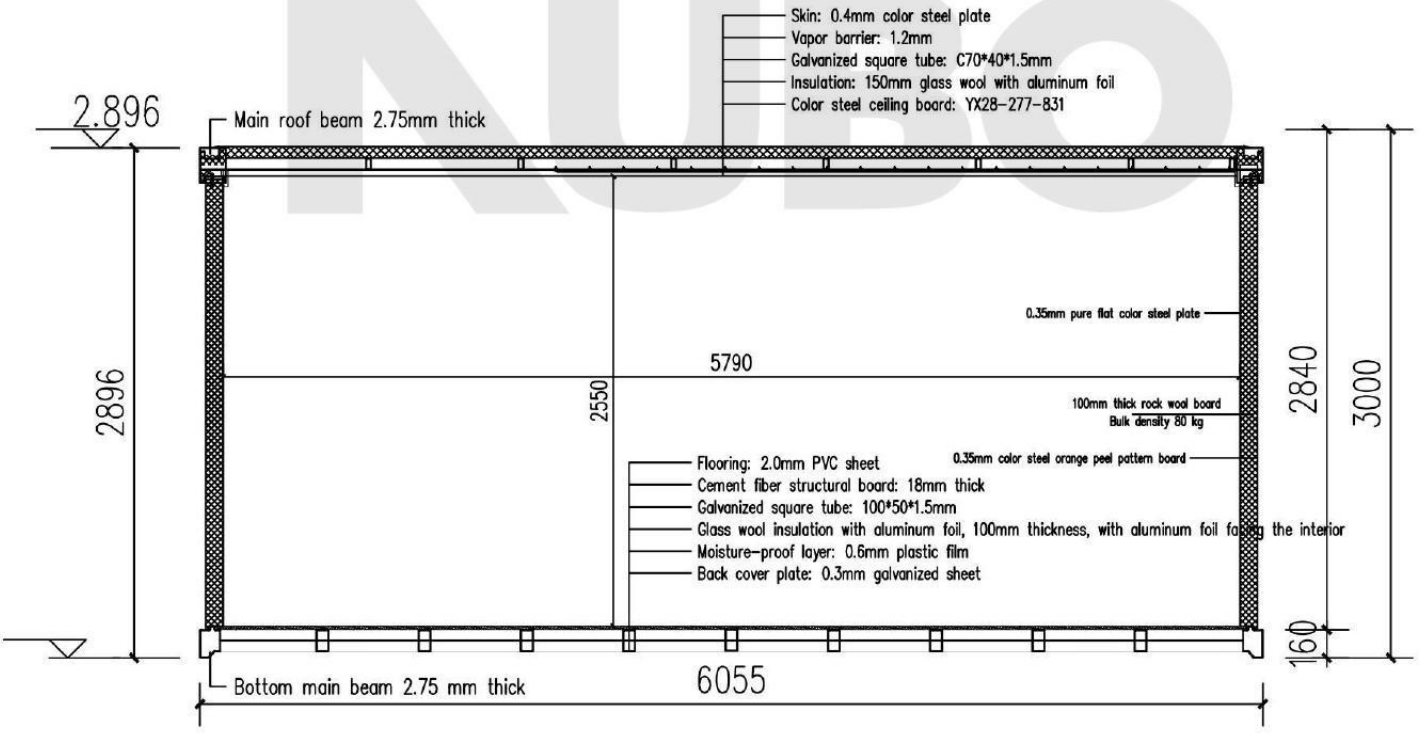




SPECIFICATIONS

FLAT PACK CONTAINER

Specification	6055mm(L)*2990mm(W)*2896(H)
Frame	SGH:340; thickness:2.75mm;80g
Roof Insulation	150mm glass wool;12KG
Celling	831type; thickness:0.4mm
Floor	18mm thick cement fiber board + 2.0mm PVC blanket
Wall	100mm rock wool sandwich panel; Density:80kg/m^3; Steel sheet thickness:0.35mm
Door	W900mm×H2100mm steel door
Window	1200*1500mm
Electrical	220V electrical system with distribution box, lighting, sockets, A/C connection, and complete wiring system.



Main Frame

A. Top main beam

Thicknss: 2.75mm High-strength galvanized sheet SGH340

B. Bottom main beam

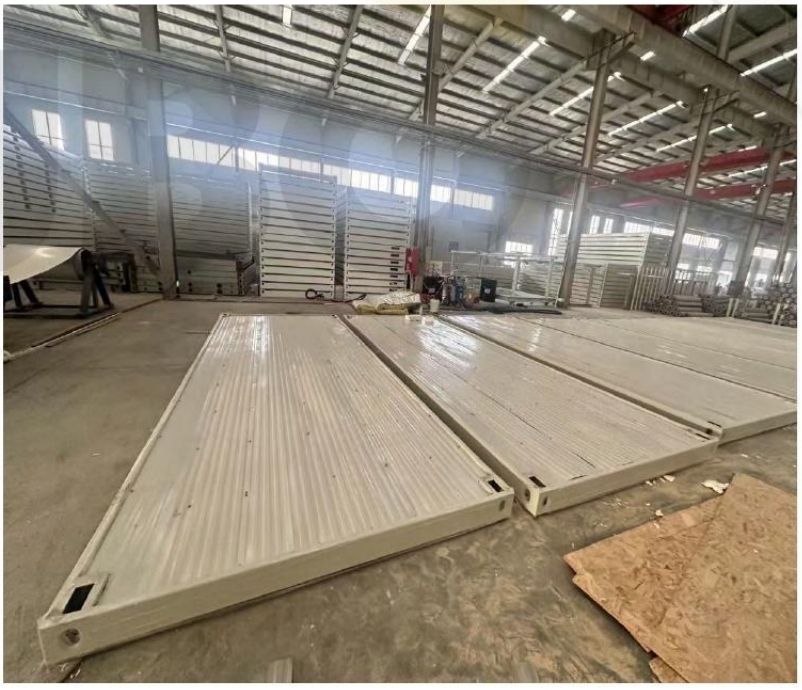
Thickness: 3mm High-strength galvanized sheet SGH340

C. Column

Thickness: 3mm High-strength galvanized sheet SGH340

L × W × H = 210 × 150 × 2536 mm





TOP FRAME

BOTTOM FRAME

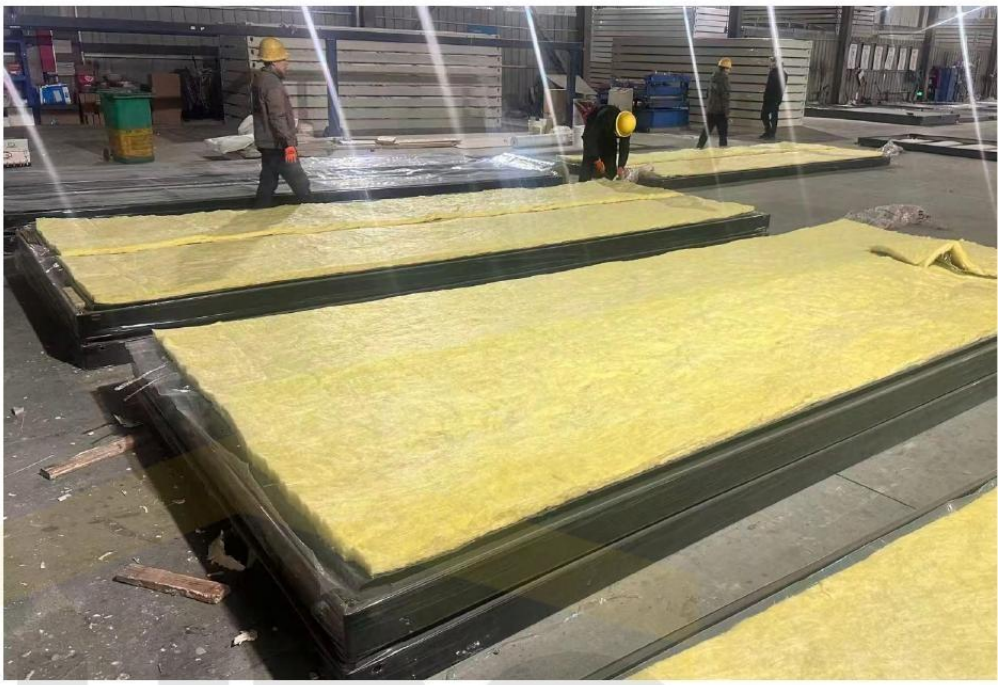
ROOF

A. Roof waterproof layer

- 0.4mm thick galvanized colored steel plate
- Color: white-gray color, with PE coating;
- degree tongue-and-groove joint connection

B. roofing insulation

150mm Fire proof glass wool, 12kg/m^3



Better Choice for insulation: ROCK WOOL





C. Decorative layer

831-type ceiling panels | 0.4mm thick | color pearl white | PE coating

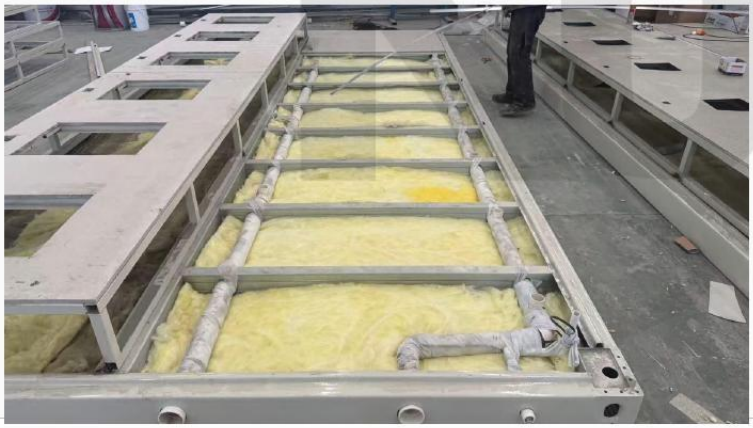
WALL PANEL

100mm Rock wool sandwich panel, 80kg/m3





WASHING ROOM







PRODUCTION RATE SCHEDULE

Production plan: 200 units can be finished just in one month.

Transportation time from factory to port is estimated at 4–5 days.

200 Total Units	200 Units/per month	1 week Procurement	1 month Total End-To-End

Pre-Production

STEP	DURATION	ACTION
Drawing Approval	Week 1	Client reviews and approves modular house design drawings. Signed-off drawings required before procurement.
Purchase Order & Advance Payment	Week 1	PO issued and advance payment received. Factory clock starts. Triggers BOM release and procurement orders.

Master Timeline — 1 Month End-to-End

The following chart provides an overview of the complete 1month project timeline. Procurement and manufacturing activities will overlap to optimize efficiency, while packing and port delivery preparations will be conducted simultaneously alongside the production process.

Phase / Activity	week 1	week 2	week 3	week 4
Drawing Approval	●			
PO & Advance Payment	●			
Production 200 units/month		●	●	●
Packing & Port Delivery (10 days/batch)			●	●

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PACKING & SHIPPING INFORMATION

Factory to designated logistics hub: approximately 4-5 days by truck

a. Packing Method

- All components packed according to export standards.
- Steel frames protected against scratches and damage.
- Accessories packed separately and labeled.
- Loading photos provided before shipment.

b. Shipping Information

Available terms:

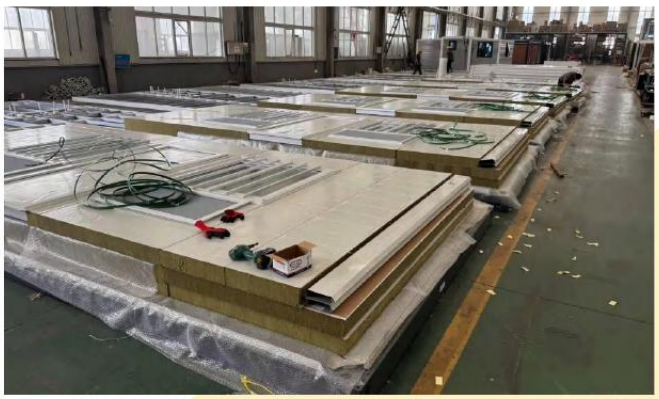
- FOB designated logistics hub

Shipping documents:

- Commercial Invoice
- Packing List
- Bill of Lading
- Certificate of Origin (if required)



FACTORY PACKING SITE













LOADING SITE









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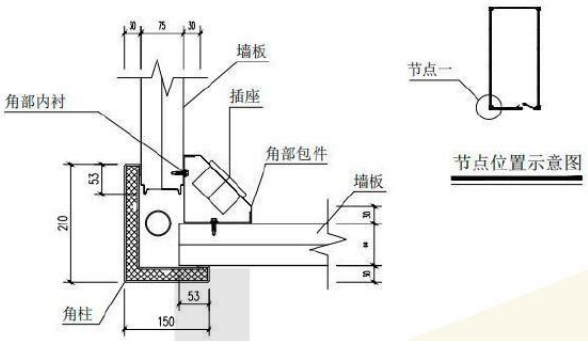
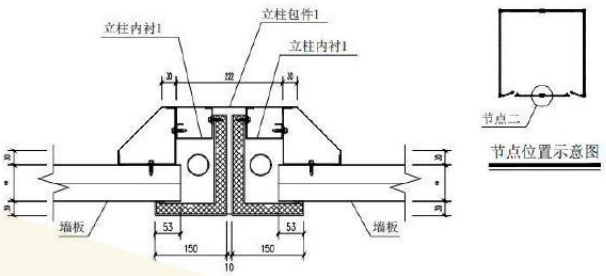
Installation instruction

Corner color steel components and liners



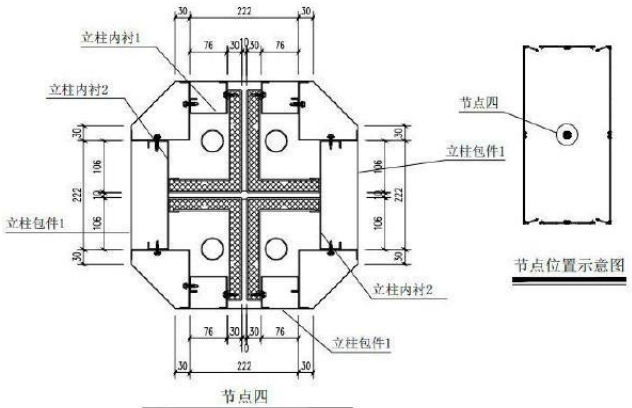
节点一
“角部彩钢包件及内衬”

Partition wall column color steel components & lining

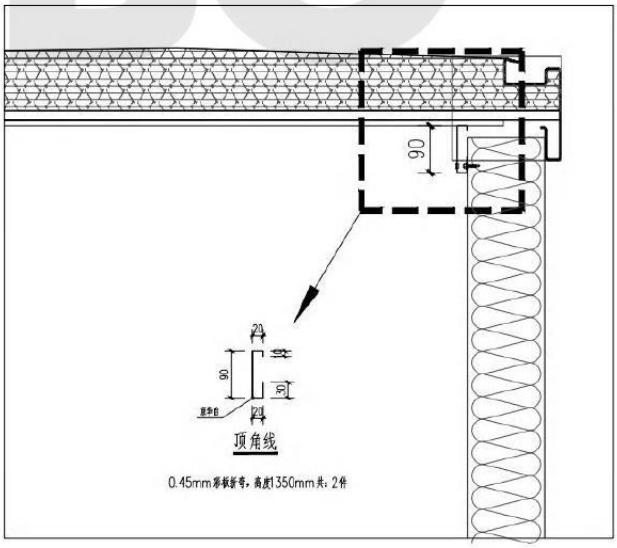


节点二
“拼房立柱彩钢包件及内衬”

Partition wall intermediate column color steel components and lining

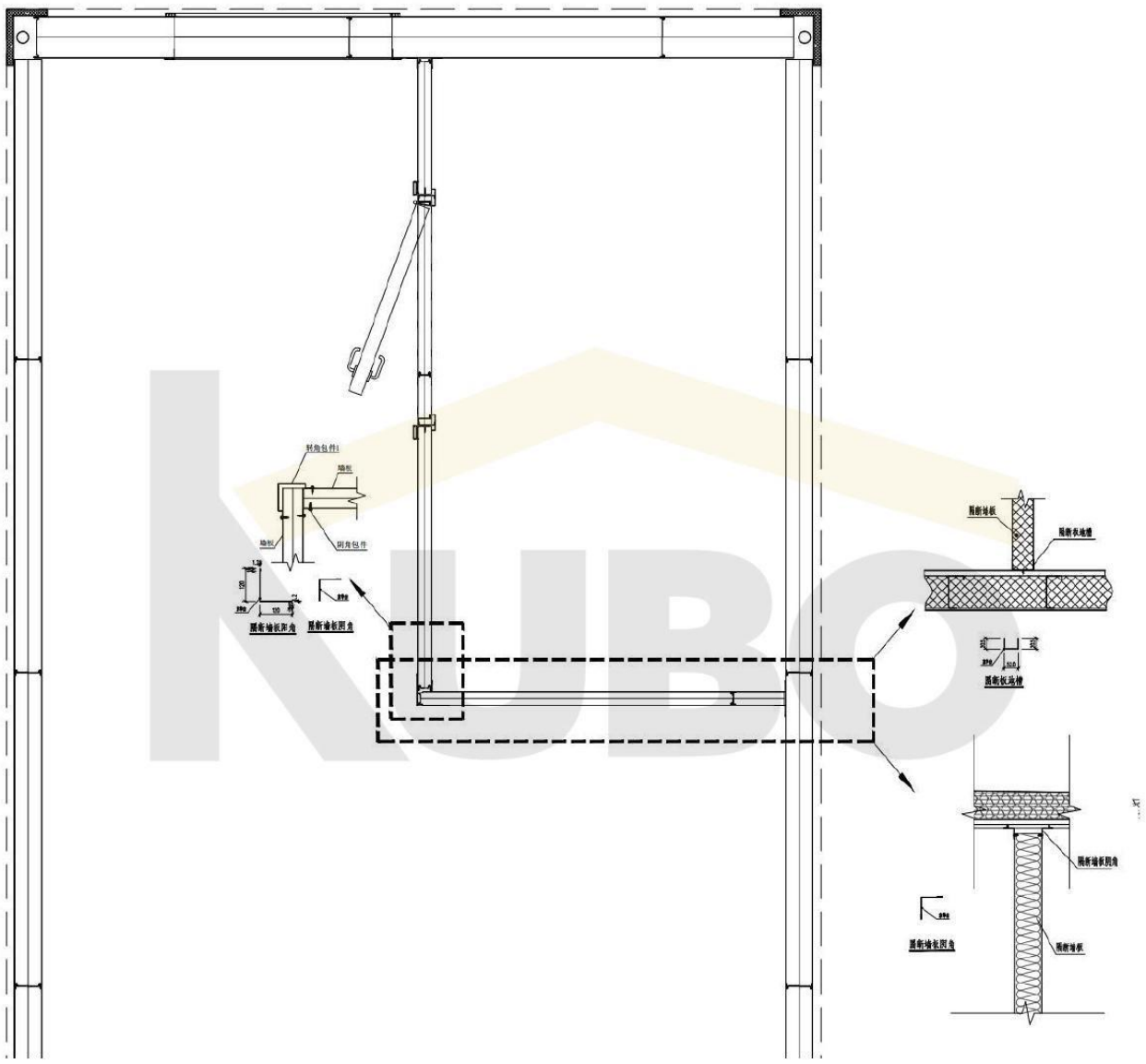


节点四
“拼房中间柱彩钢包件及内衬”





Installation instruction



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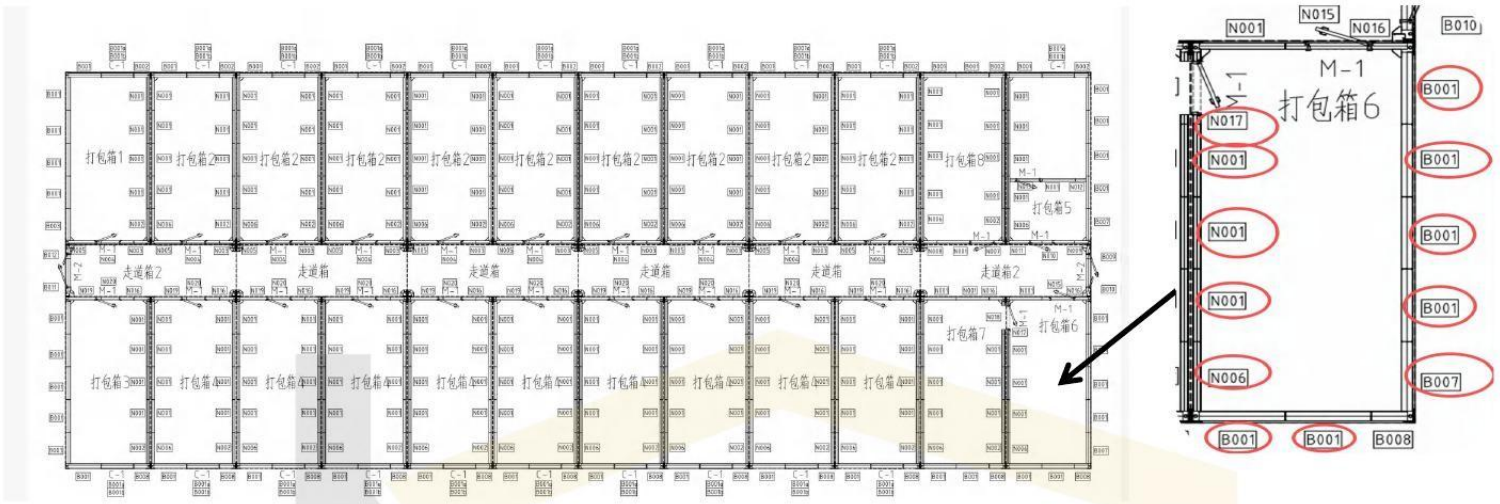
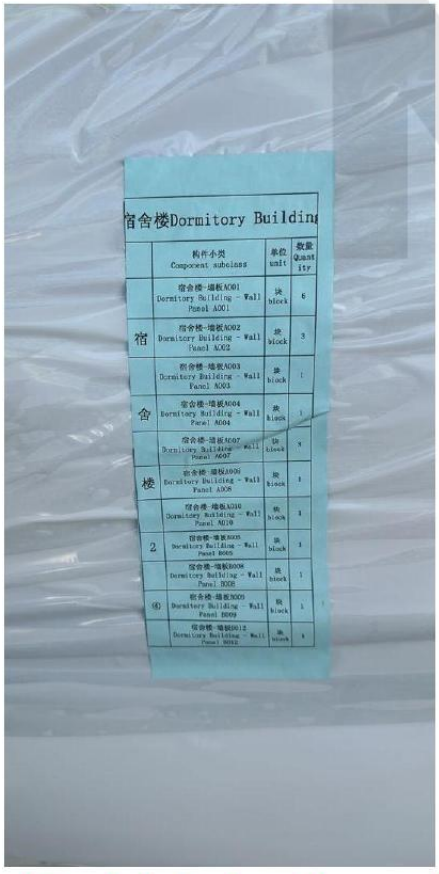
Installation instruction

Each wall panel is clearly labeled and corresponds exactly to the drawings for easy identification and installation.









Pre-labeled wall panels matched with installation drawings for faster and more

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WARRANTY PERIOD

Main Structure: 3 Years Warranty

Including:

- Steel frame
- Structural components
- Welding quality

Accessories: 1 Year Warranty

Including:

- Doors and windows
- Electrical components
- Hardware accessories





REFERENCE LETTER - IDENTITIES REDACTED

Client and supplier company names, addresses, contact details, registration and banking information, personal names, signatures, and seals were removed before public release.



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