

Office Container- Design Notes

General:

Container size:6000x2438mm, height 2591mm, interior clear height 2330mm. Total 30pcs of 20ft

Load details:

wind load: 210km/h snow load 1.00kN/m² floor live load 2.50kN/m²

Materials specification:

1. Container frame: Q355 steel, surface treated hot dip galvanization 100g/m²+ powder coating.
2. Roof panel: 70mmPU injected insulation, PU density 45kg/m³, external side 0.45mm steel sheet (RAL9003), internal side 0.40mm steel sheet, (RAL9003).
3. Wall panel: 50mm or 75mmEPS sandwich panel, EPS density 12kg/m³, two sides 0.40mm steel sheet, external side (RAL9003)with rib, internal side(RAL9003).
4. Flooring: 1.8mmPVC floor+18mm fiber cement board. 2.5mm anti-slip PVC floor for bathroom.
5. Door: D1 :960x2080mm steel door D2: 880x2050mm steel door D3:800*2000mm aluminum bi-folding door
6. Window: W1, 980x1150mmPVC single glazed sliding window (with fly screen) W2, 600*600mm top hung window W3,850x600mmPVC single glazed sliding window (with fly screen)
7. Electricity: 30w LED light (L=1200mm) , switch, 10A socket, 1xdistribution panel (1x4P32A main circuit-breaker (with leakage protection) , 1x1P lighting loop, 1x1P socket loop) 。 1x32A 3class outdoor waterproof socket. ETC. 110V
8. Bathroom

Options:

1. Insulation of wall panel PU (density 40kg/m³) 、 rock wool (density120kg/m³)
2. Container frame color: white, red, blue, grey.
3. Electricity: A/C , radiator, water heater, data etc.
4. Window: double glazed, roller shutter, casement window, fixed window.
5. Customization can be negotiated.
6. Loading and packing will be changed if add or change the standard materials.

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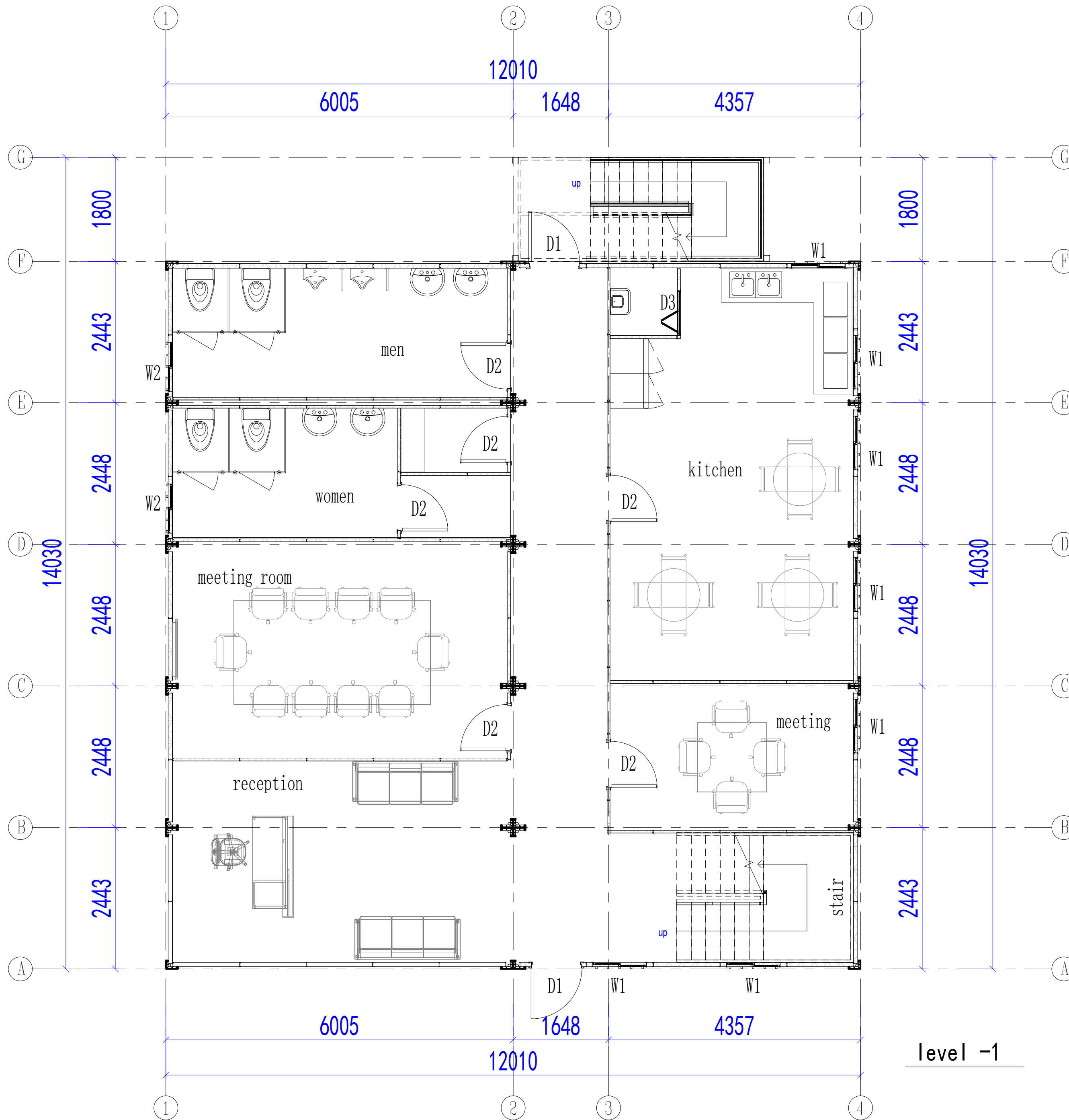
Project Name
office building

Title
design notes

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This drawing is valid only after being stamped and released by the RDP



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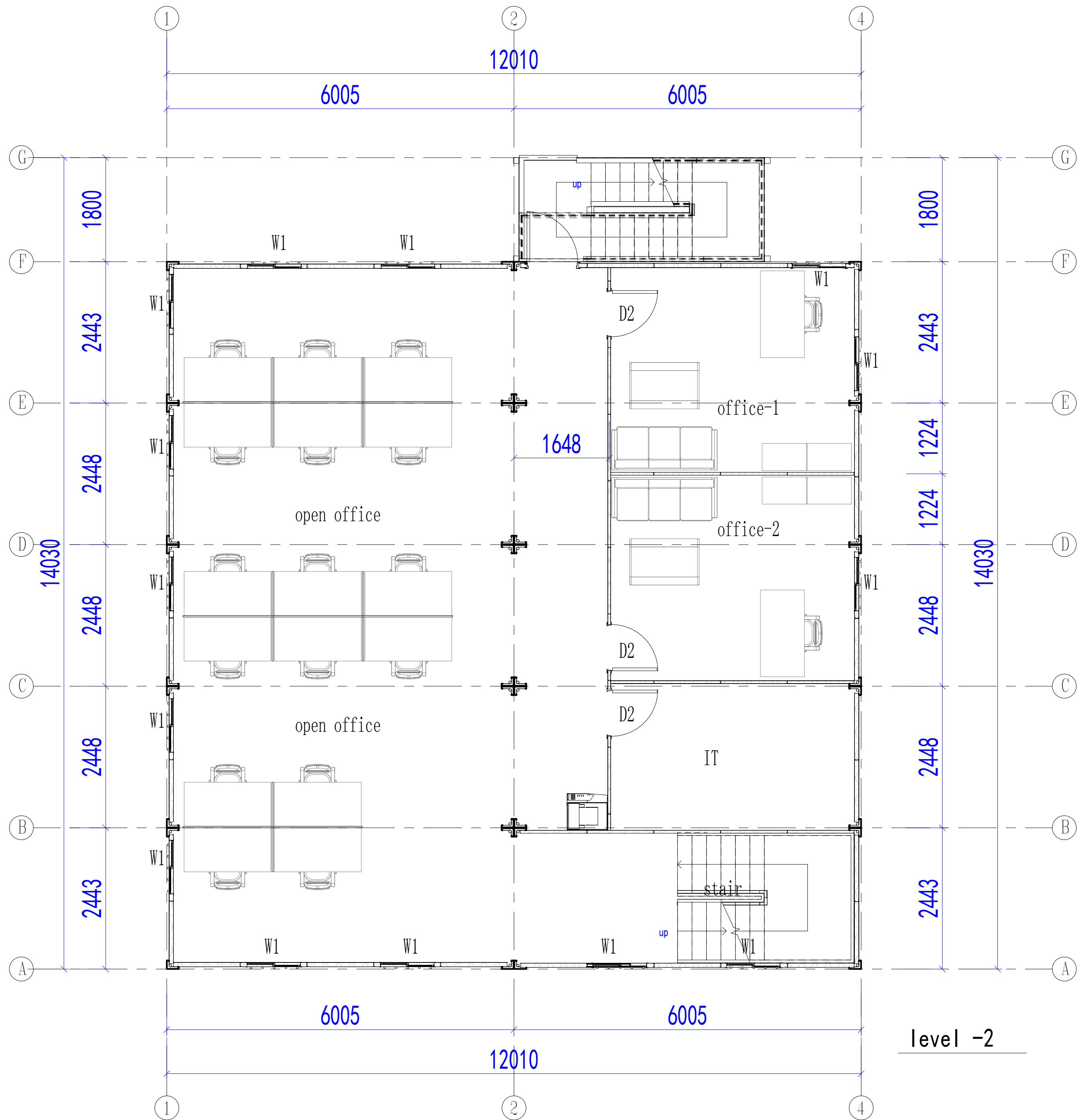
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Project Name

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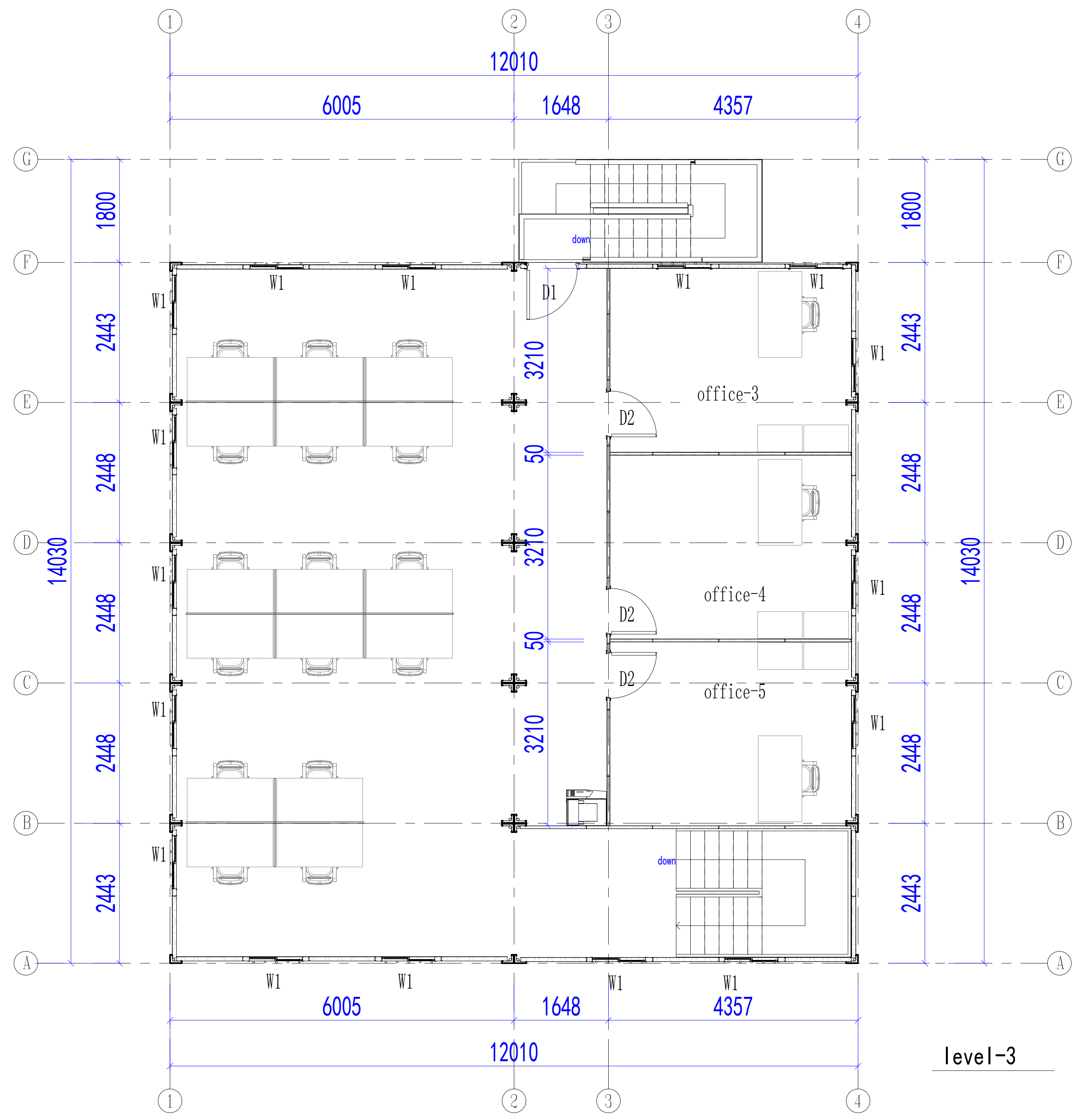
Engineer Signature

Engineer Signature

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Cooperative Designer



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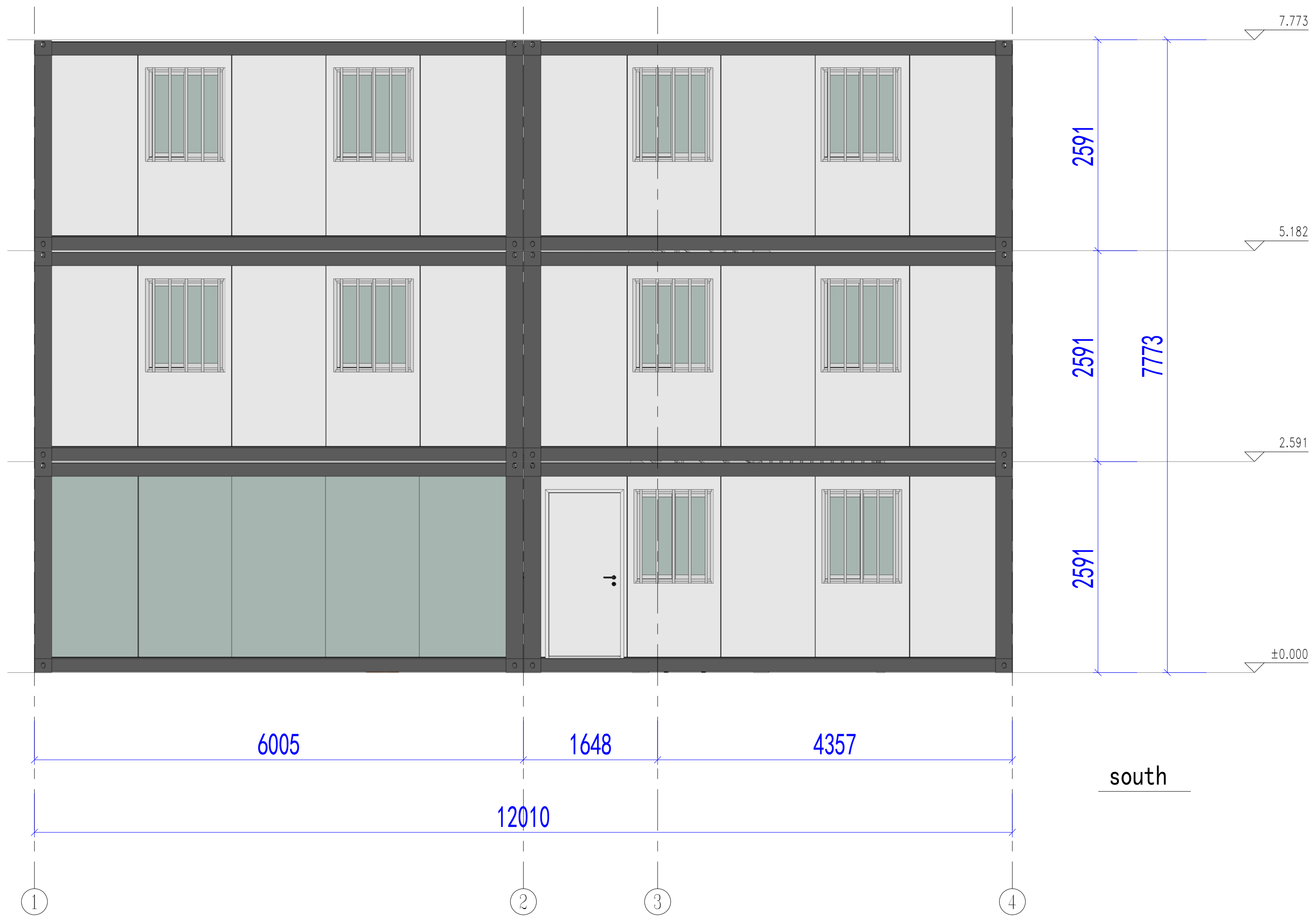
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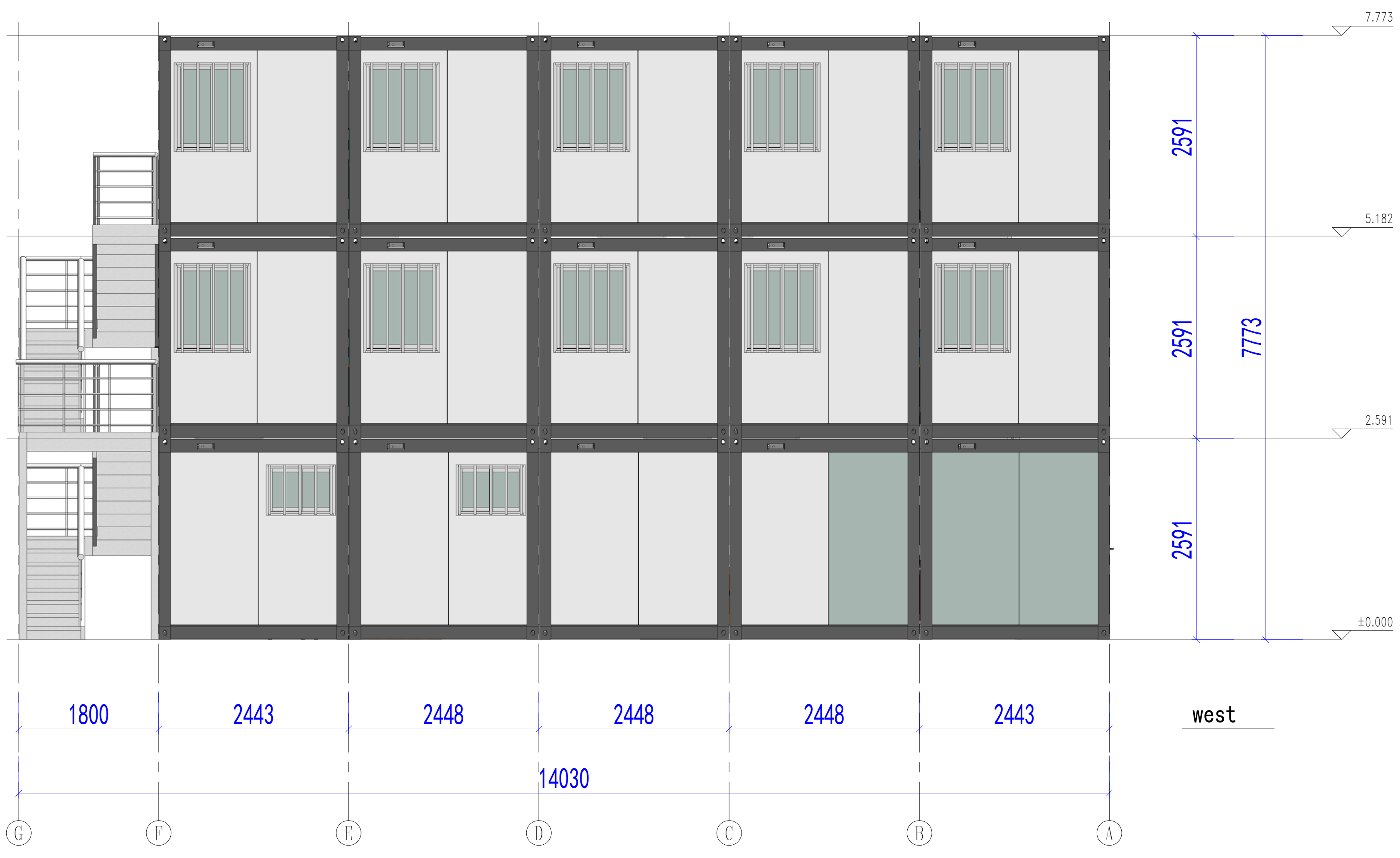
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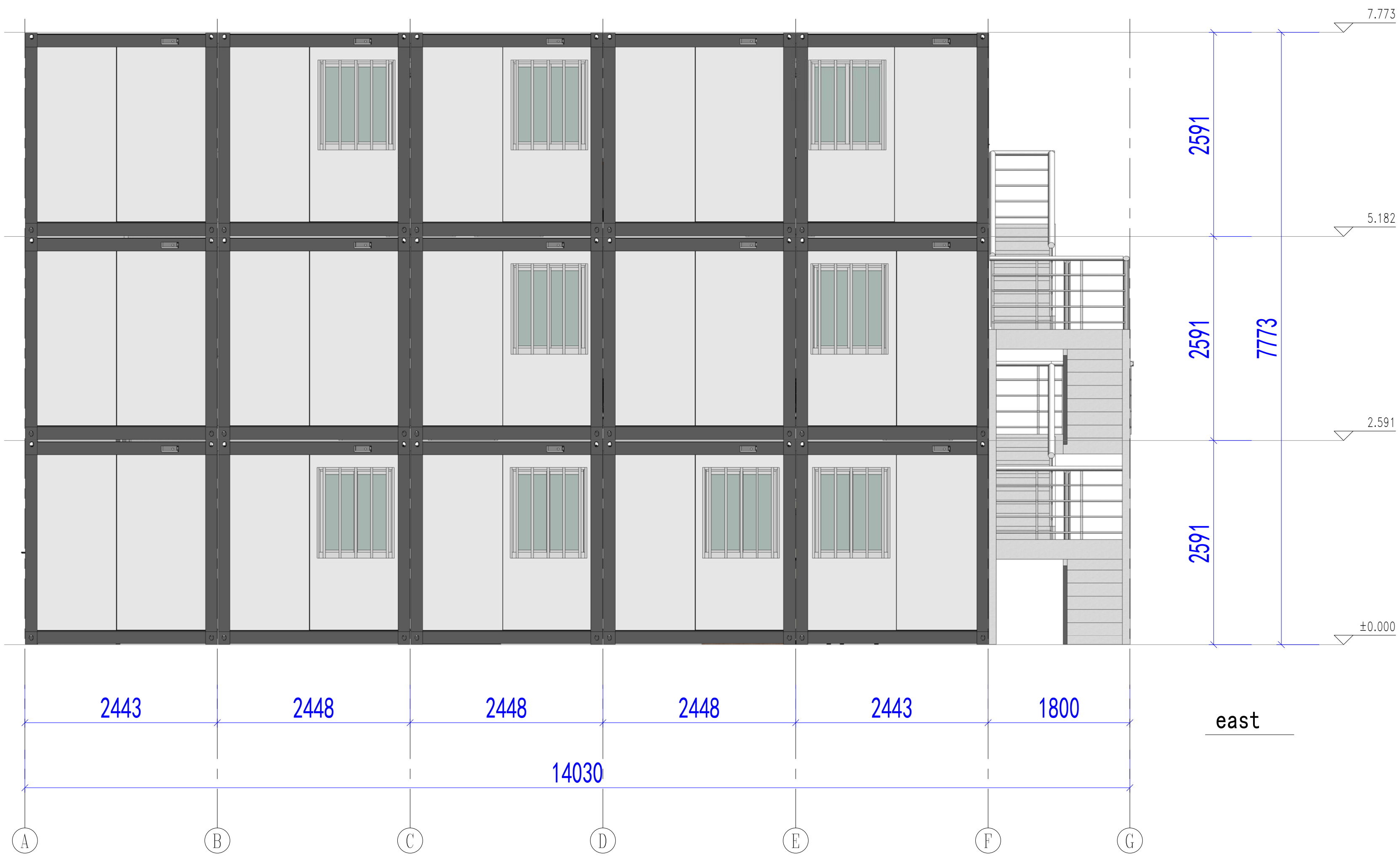
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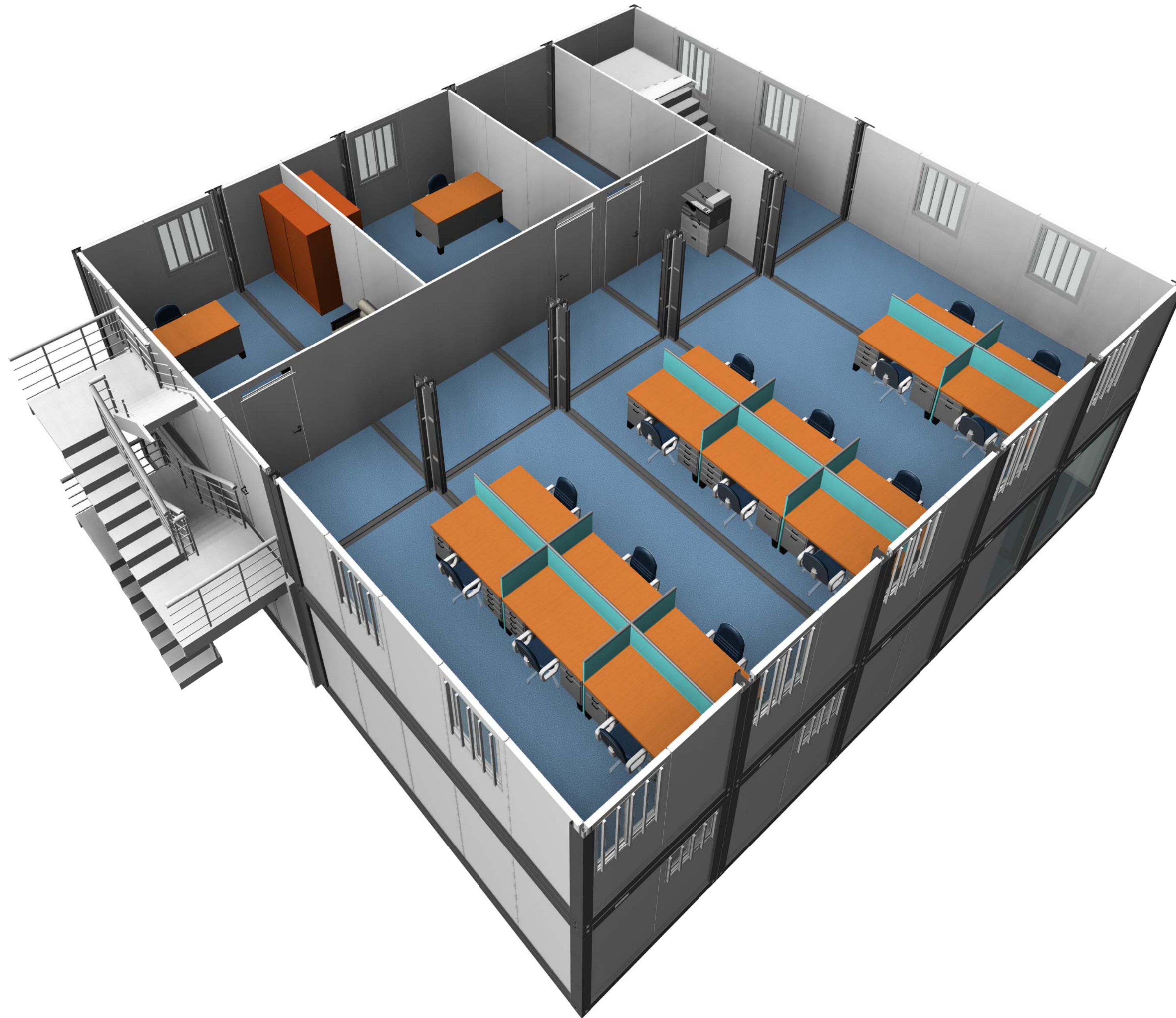
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