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LUXURY VILLA DESIGN NOTE

GENERAL INFORMATION:

This is a private luxury villa project, including a two-lelve villa and 2 garages. The building area of villa 488 m2 (Ground floor 279m2, First floor 209m2), First Floor balcony 159m2. Garage area 55m2.

LOADING PARAMETERS:

Roof dead load: 5.00KN/M²

Deck floor dead load: 4.00KN/M²

Ceiling dead load: 0.20KN/M²

Roof live load: 0.50KN/M²

Deck floor live load: $2.00KN/M^2$ Wind load: $1.00KN/M^2$

Snow load: 0.00KN/M²

MATERIAL SPECIFICATONS;

Steel structure: H-beam structure + LGS wall frame (C140 LGS frame for outside wall and main partition wall, C89 for other partition walls). Main structrure material Q235/Q345, LGS frame G550.

ROOF SYSTEM: 3mmSBS water-proof layer + fine stone concrete levelling (slope 1%) +120mm concrete slab +1.0mm galvanized steel deck + H-beam floor structure +12mm gypsum ceiling.

DECK FLOOR SYSTEM: Ceramic tiles + fine stone concrete +120mm concrete slab +1.0mm galvanized steel deck + H-beam floor structure +12mm gypsum ceiling.

BALCONY FLOOR SYSTEM: Ceramic tiles + fine stone concrete+3mm SBS water-proof layer + 120mm concrete slab +1.0mm galvanized steel deck + H-beam floor structure +12mm gypsum ceiling.

WALL SYSTEM:

Outside wall: fiber cement cladding+water-proof painting + anti-crack fiber+12mm fiber cement board+ C140 LGS frame (filled with 150mm glass wool) +12mm fiber cement +12mm gypsum board + paint(by client)

Inside wall-1: paint (by client)+12mm gypsum board+12mm fiber cement board+C140 LGS frame (filled with 150mm glass wool) +12mm fiber cement +12mm gypsum board + paint(by client)
Inside wall-2: paint (by client)+12mm gypsum board+12mm fiber cement board+C89 LGS frame (filled with 100mm glass wool) +12mm fiber cement +12mm gypsum board + paint(by client)
In the toilet area, replace gypsum board + painting to ceramic wall tiles.

The Air-Conditioner platform requires stainless steel perforated sheet or louver blind. It is to be confirmed by client.

STAIRS: Steel stairs frame + 50mm thick fine stone concrete layer + ceramic tiles.

DOOR & WINDOW: M1821:1800x2100 black AL frame glass door

M1521:1500x2100 black AL frame glass door

KC0808:800X800 AL frame casement window (double glaze)

MQ4827:4800x2700 glass curtain wall

MQ1264:1200x6375 glass curtain wall

MQ4823:4800x2300 glass curtain wall

MQ4523:4500x2300 glass curtain wall

M0921:900X2100 ghYY Xccf flkccX [fU]bŁ

M1221:1200x2100'i bYei U'ghYY' Xccf'fkccX'[fU]bŁ

DC1808:1800X800 5@ Zf UaY Z] | YX k] bXck flXci V Y [`UnYŁ

MQ7927:7900x2700'[`Ugg'WfhU]b'kU``

MQ5753:5700x5300'[`Ugg'WifhU]b'kU`f[]bWiX]b['YbhfUbW'XccfŁ

 $MQ7529:7550x2900 \ V][g] X]b[f] \ Ugg \ Xccf$

D`YUgY'bchY'h\Y'aUhYf]U`'UbX'dUhhYfb'cZ'Xccf'/'k]bXck'UbX'[`Ugg'WfhU]b'kU``'UfY'hc'VY'WbZ]faYX'Vm'W]Ybh"'

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- 1. H\Y'dfcXiVh]cb'k]``'ghUfh'UZhYf'W']Ybh'WcbZ]fag'h\Y'XfUk]b['UbX'U``'aUhYf]U''gdYVNZ]WUh]cbg"
- 2. H\Y'Y`YVMf] WU`'UbX'd`i aV] b['UfY'hU_Yb'WUfY'Vm'W] Ybh"'H\Y'WbXiWh'\c`Yg'UfY'dfYZUVf] WUhYX'cb'@ G'ZfUaY"
- 3. H\Y`aUhYf]U`UbX`dUhhYfb`cZ`ghU]fg`fU]``UbX`VU`WcbmifU]`UfY`XYg][bUhYX`VmiW]Ybh"`=h`\Ug`hc`VY`WcbZ]faYX`VYZcfY`dfcWifYaYbh`UbX`dfcXiWh]cb"

M0821:800X2100] bg] XY Xccf

YM0921:900X2100'5@ZfUaY'g`]X]b['Xccf'f]bg]XY'h\Y'kU`\

DC0827:800X2700 5@ Zf UaY Z] | YX k] bXck flXci V Y [`UnYŁ 87\$, &' . , \$\$L&' \$\$ 5@ Zf UaY Z] | YX k] bXck flXci V Y [`UnYŁ

MQ4527:4500x2700 [` Ugg ' W fhU] b ' kU` `

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Zhejiang Putian integrated housing Co., ltd. Hangzhou Zhongpu Architecture Design (institute)Co., ltd.

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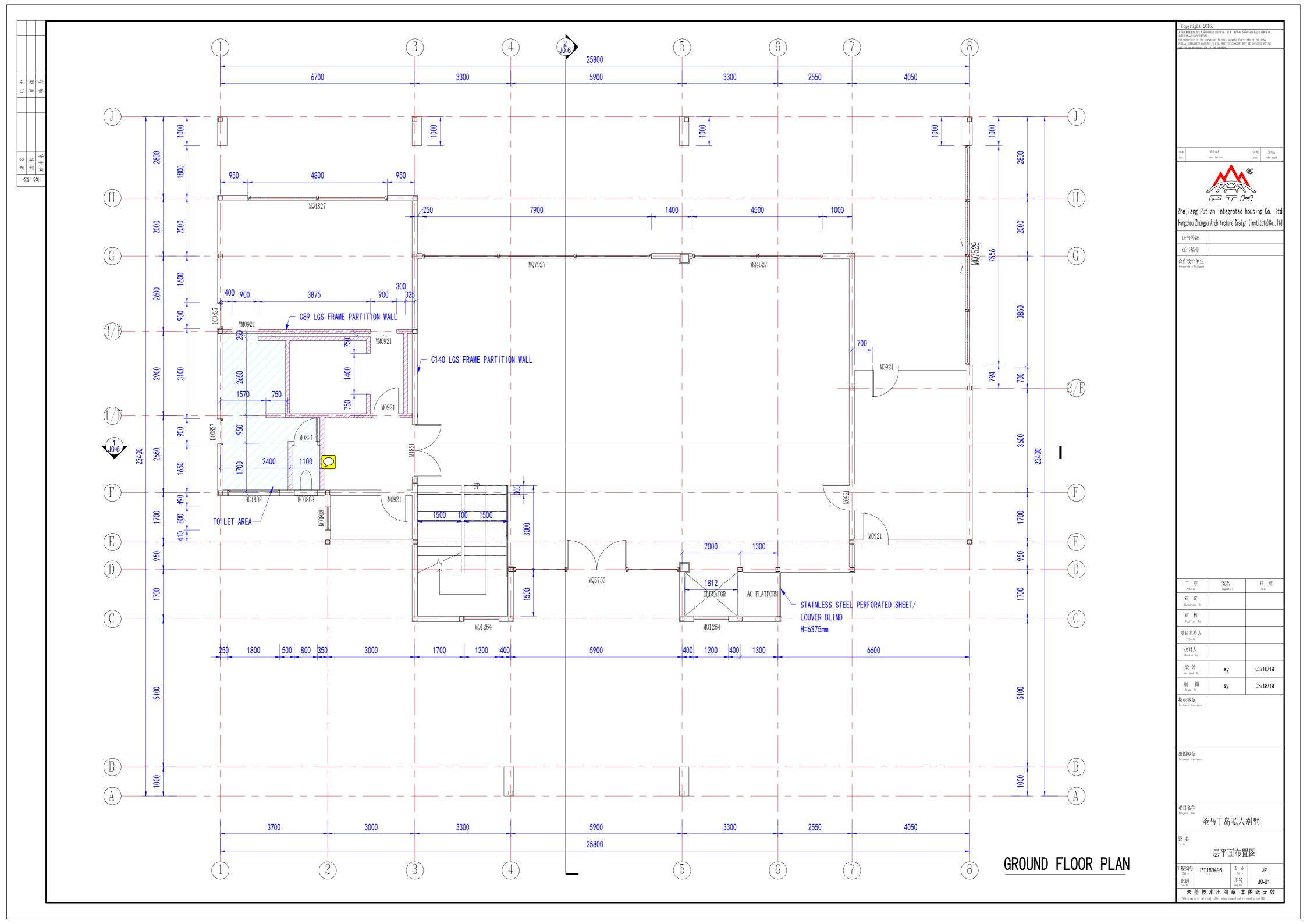
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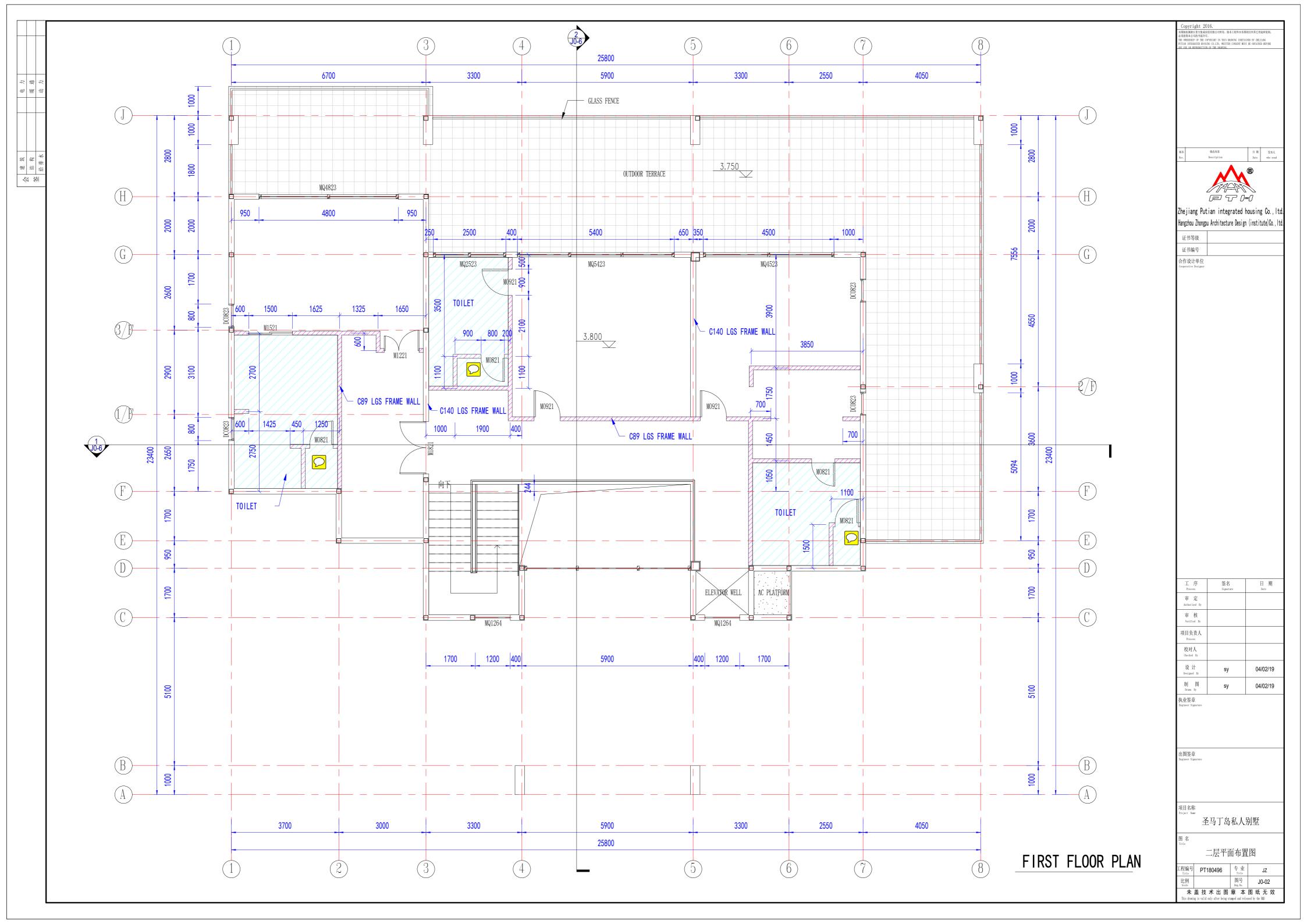
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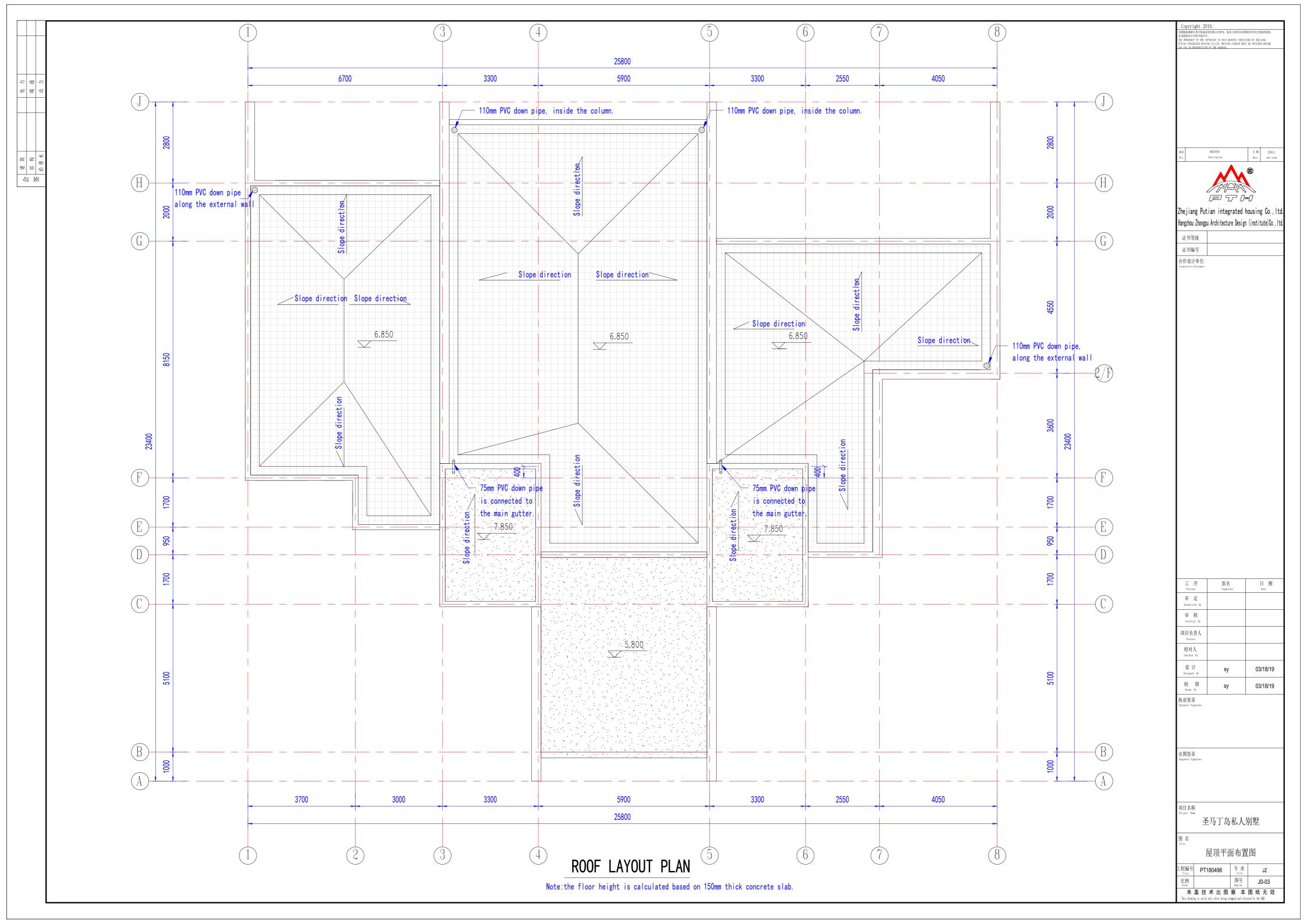
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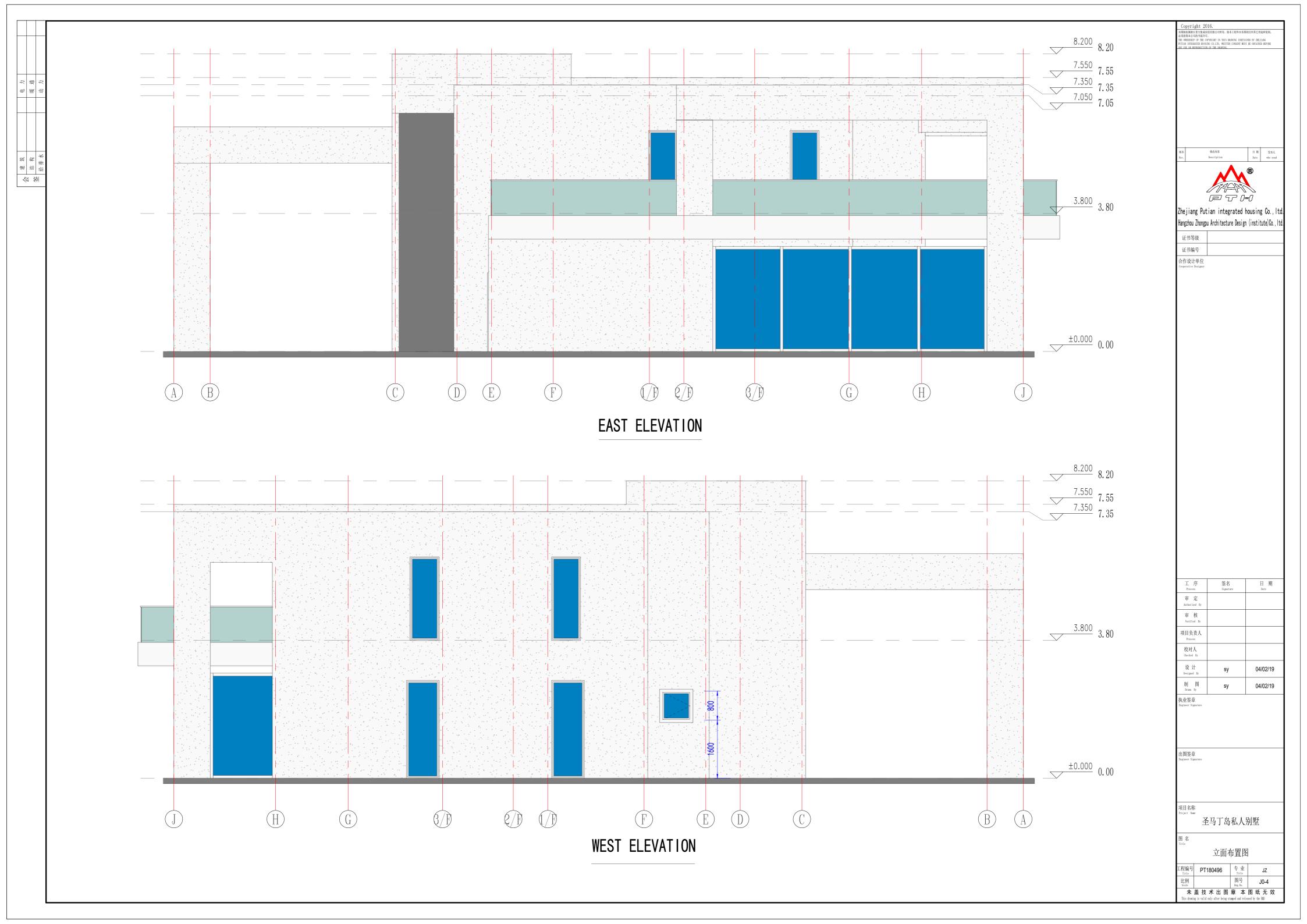
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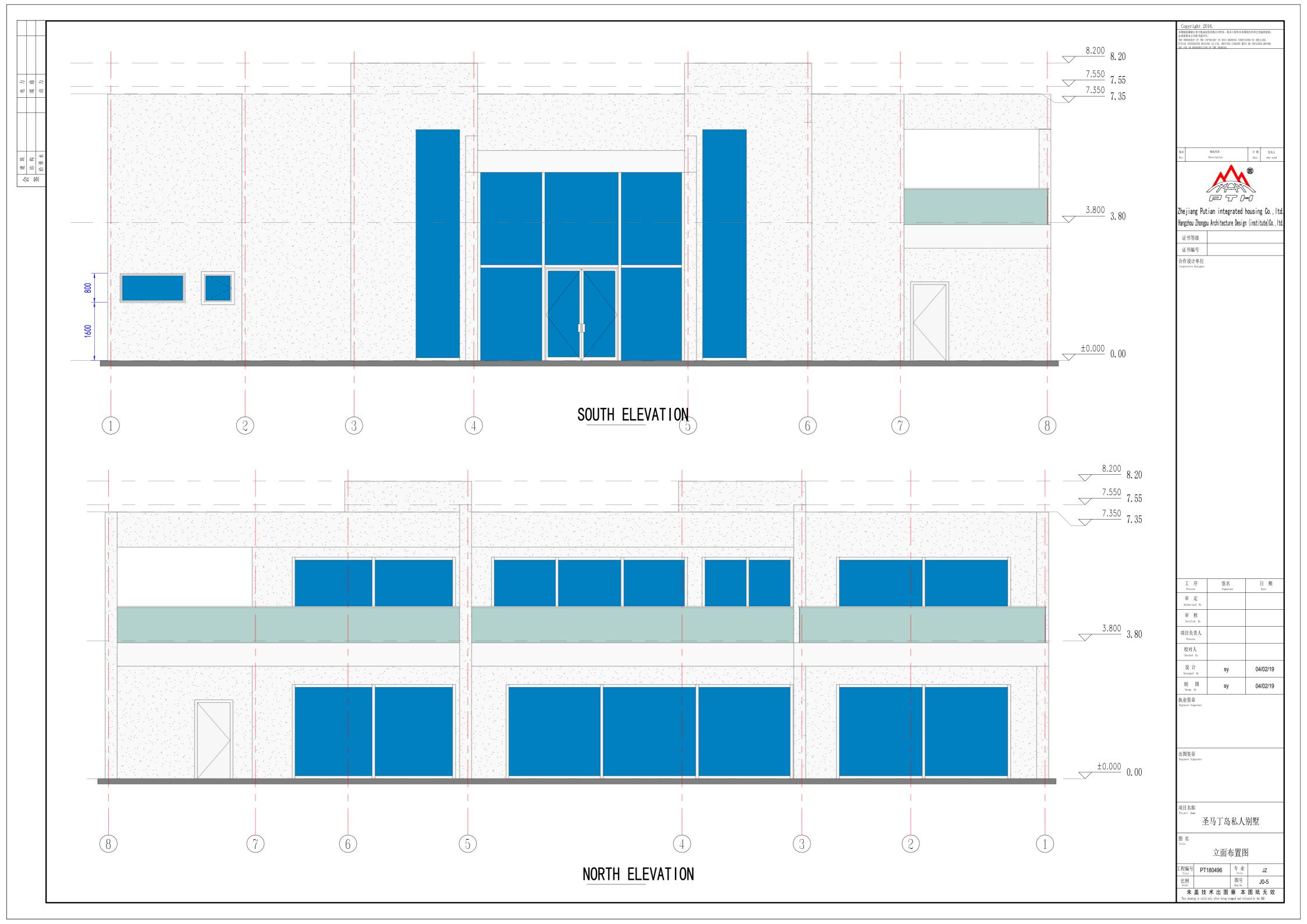
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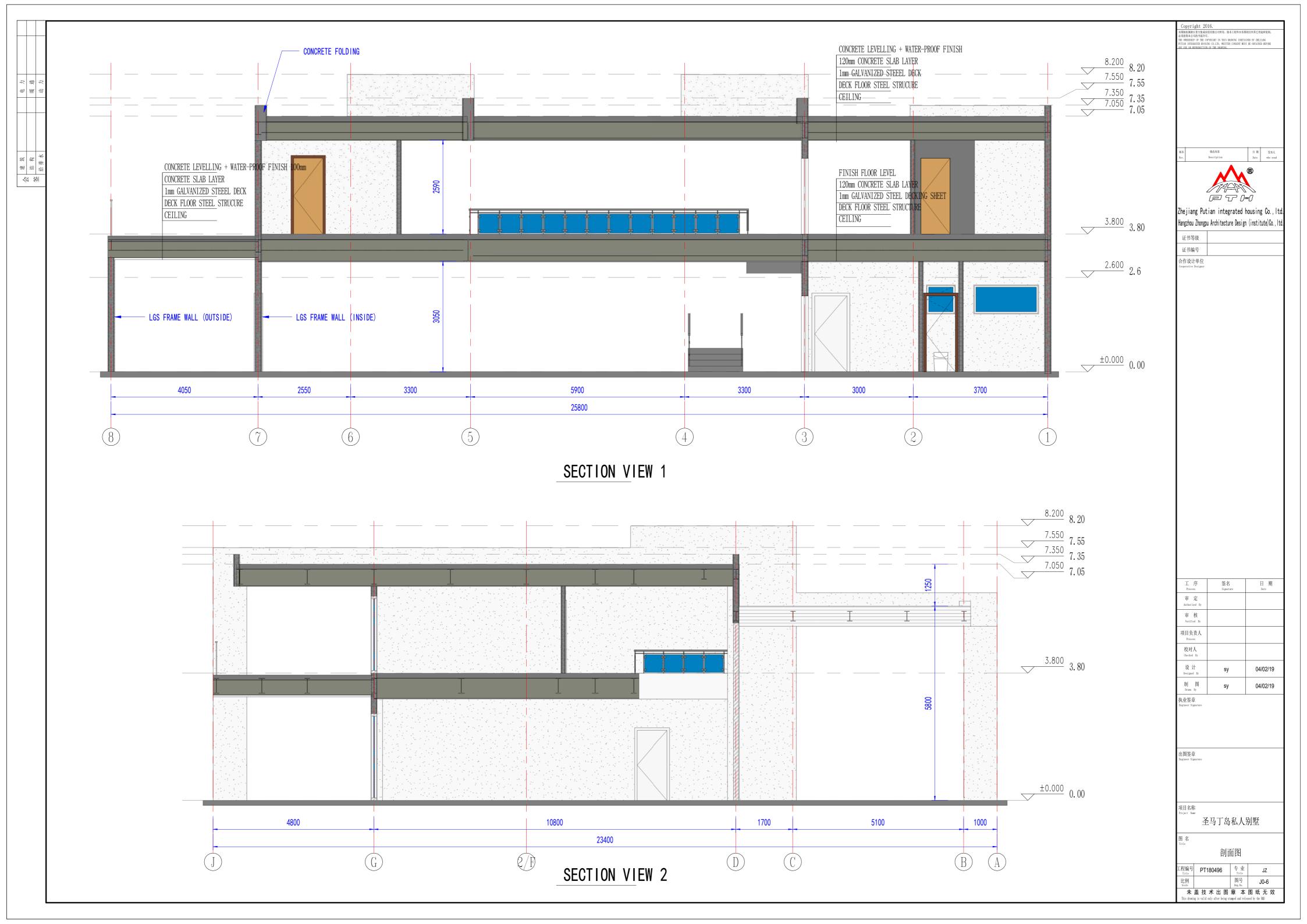


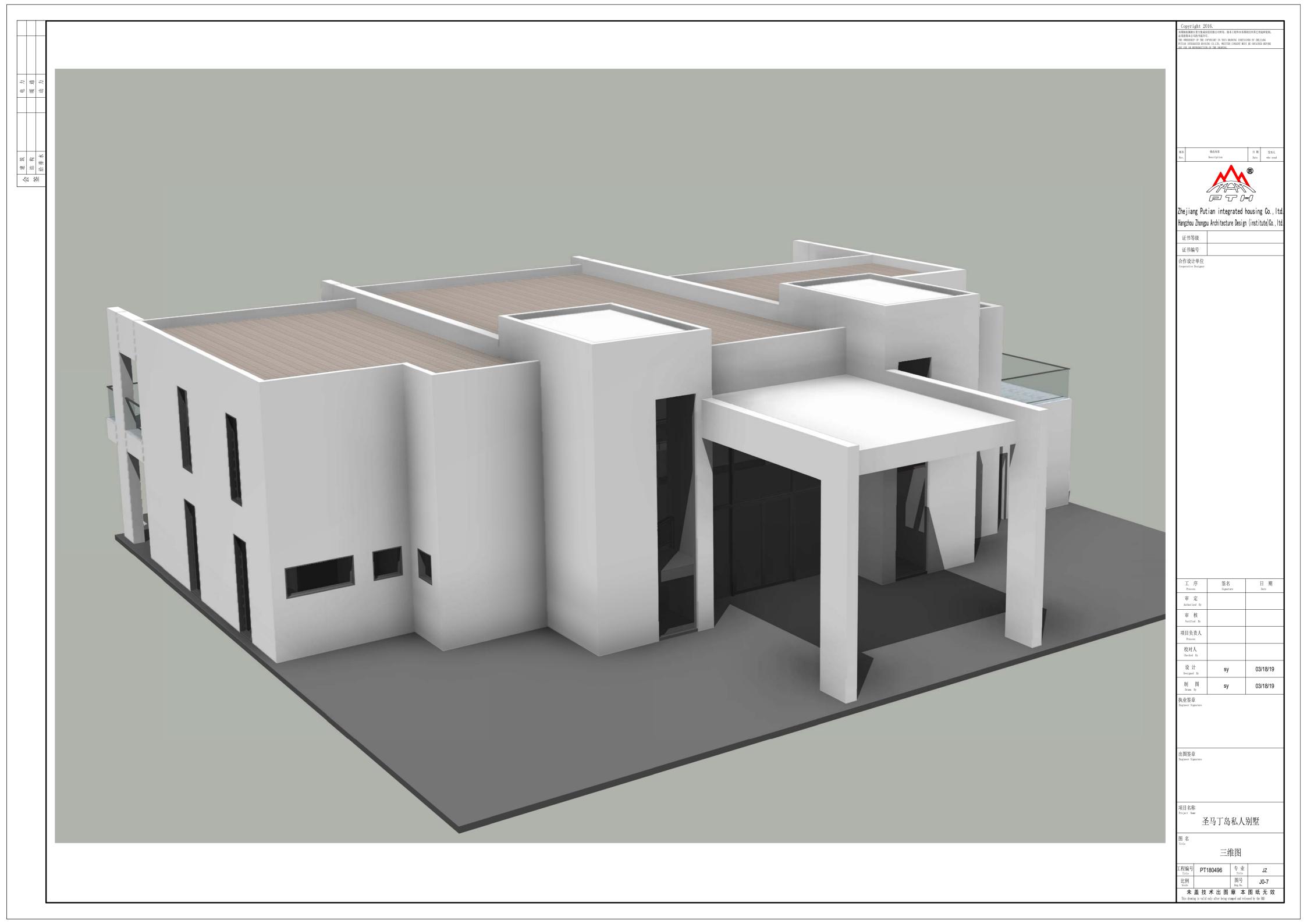


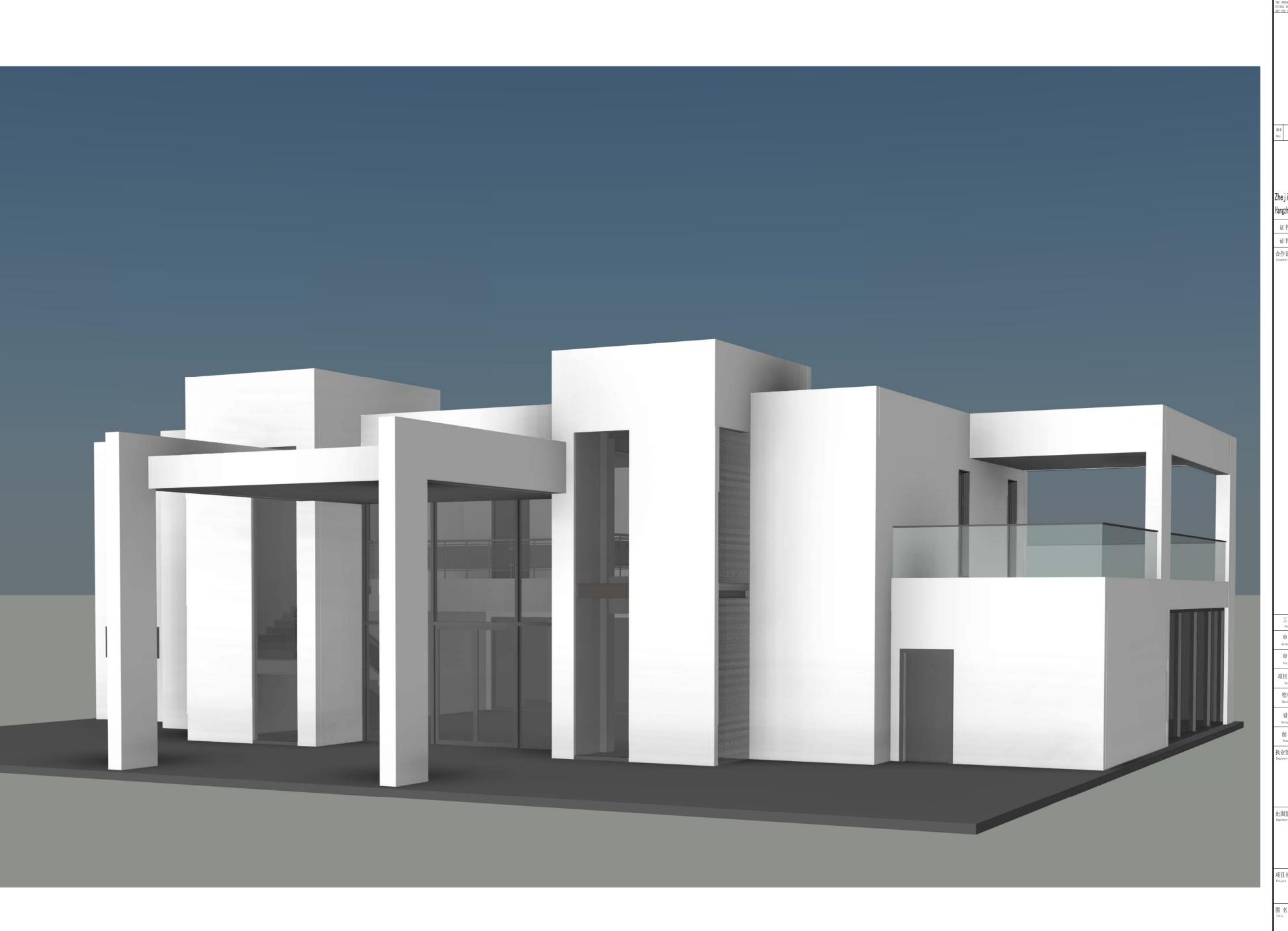












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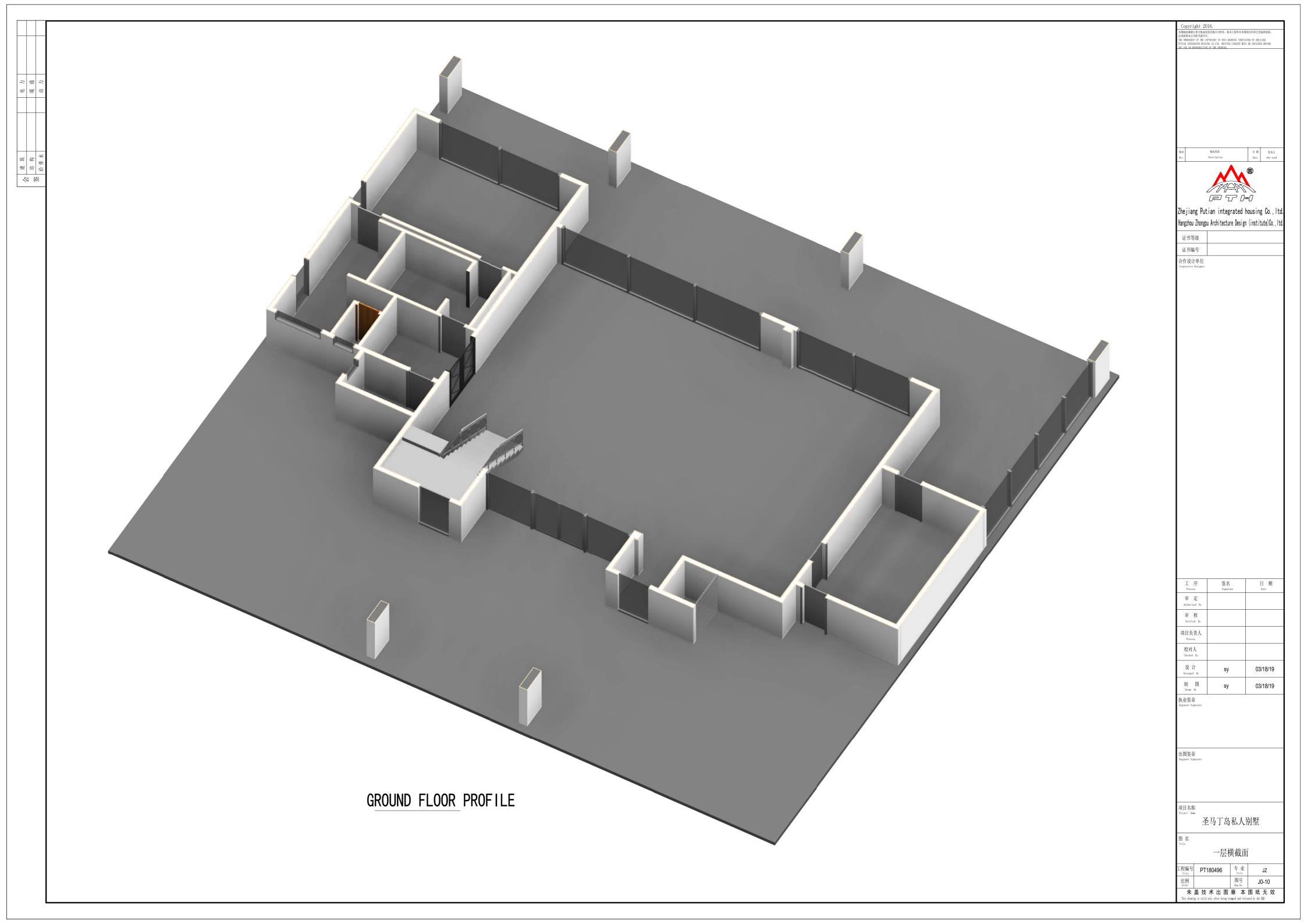
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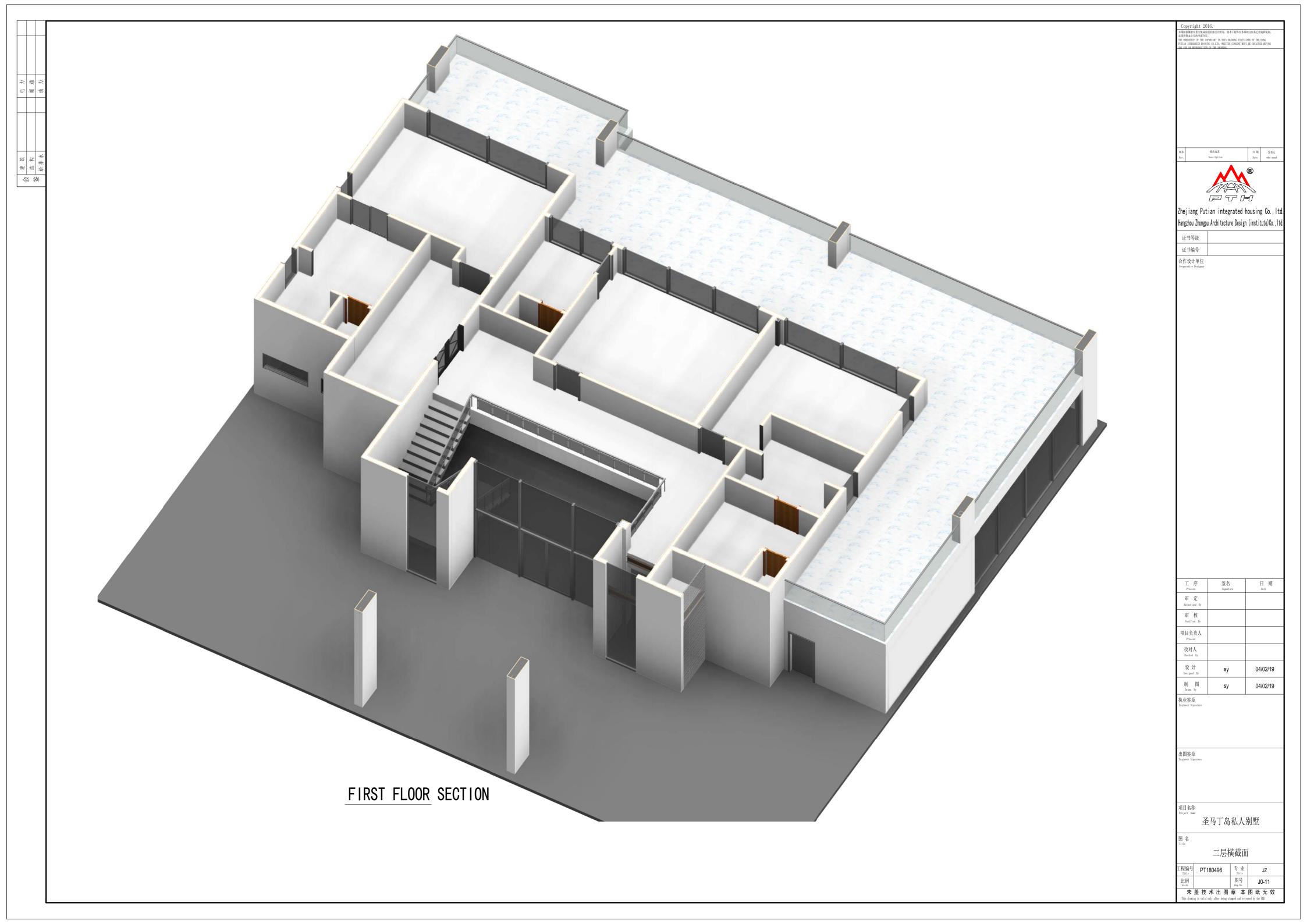
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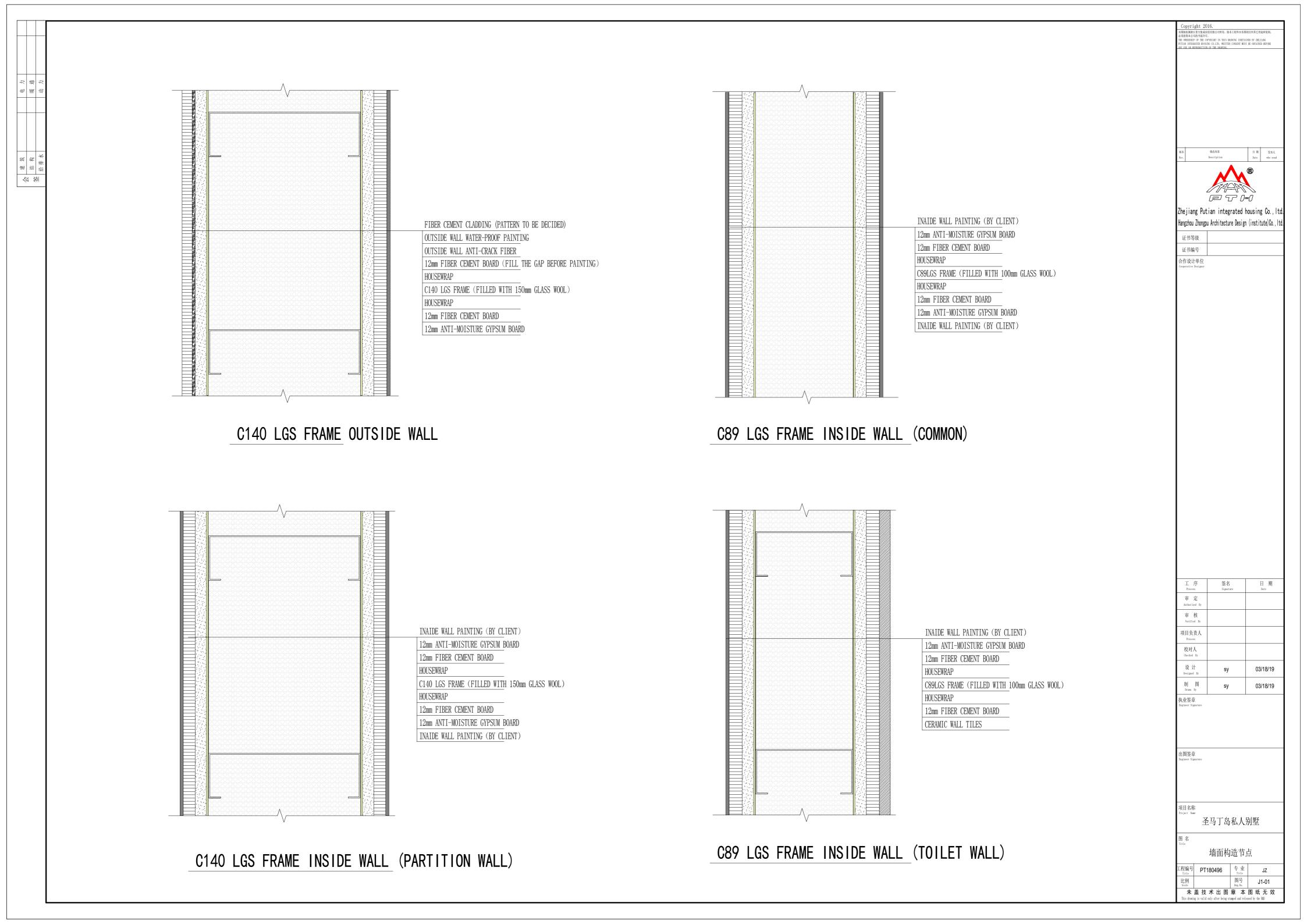
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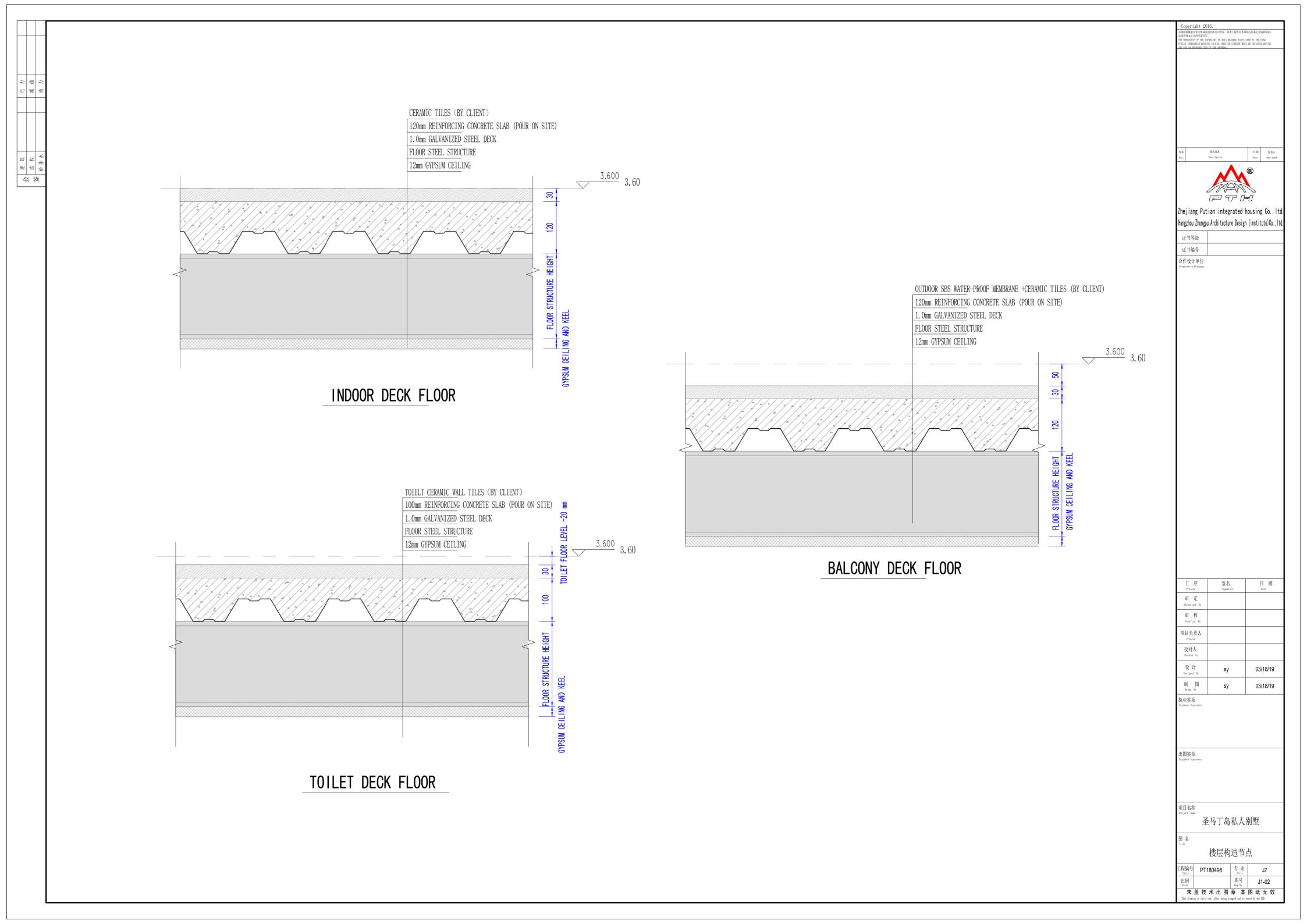
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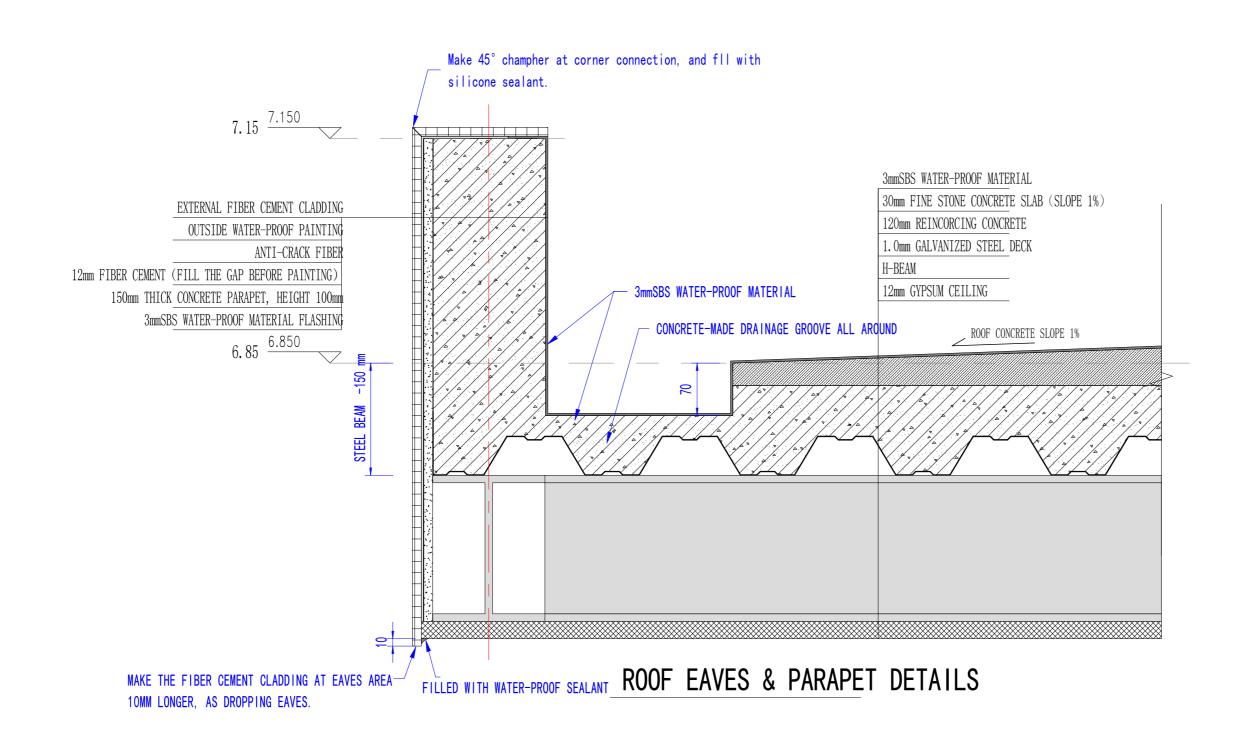


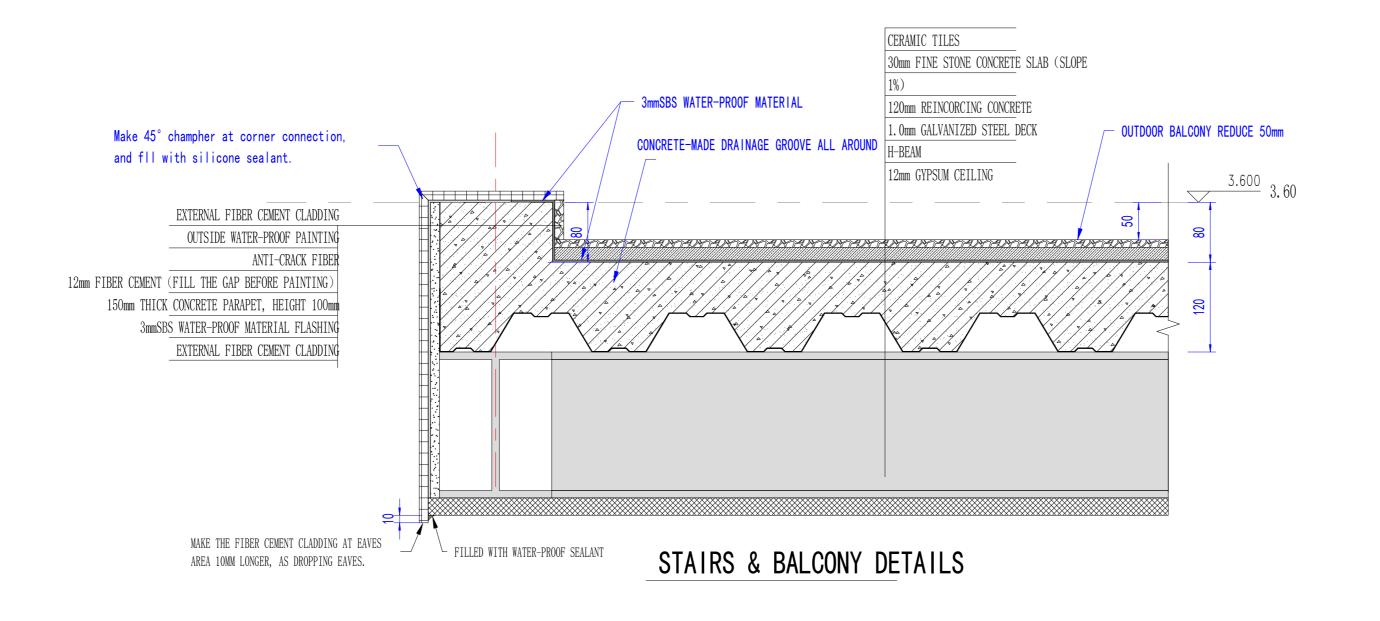












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