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Cross-section View

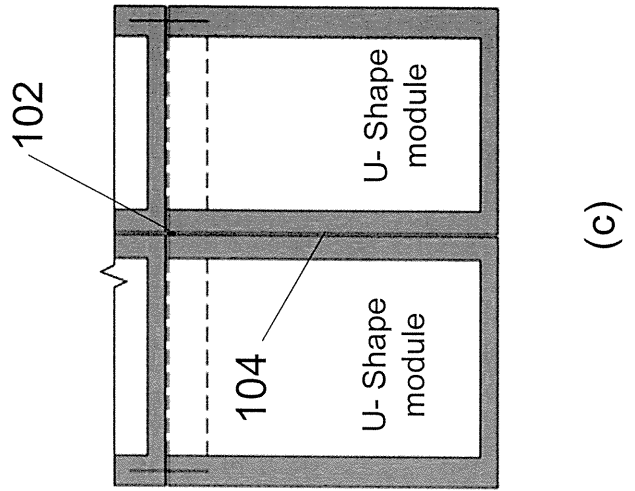
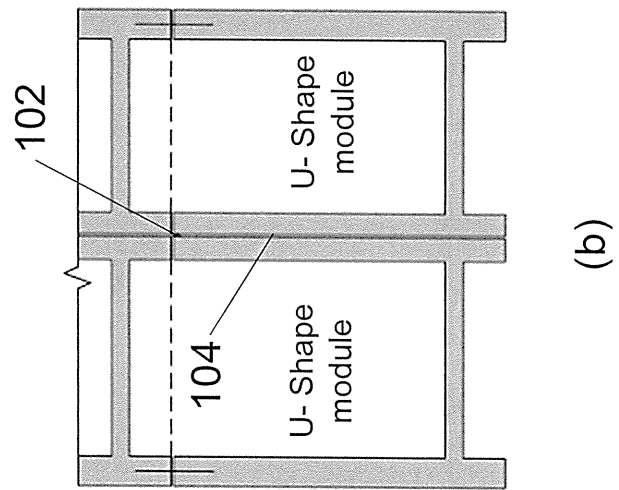
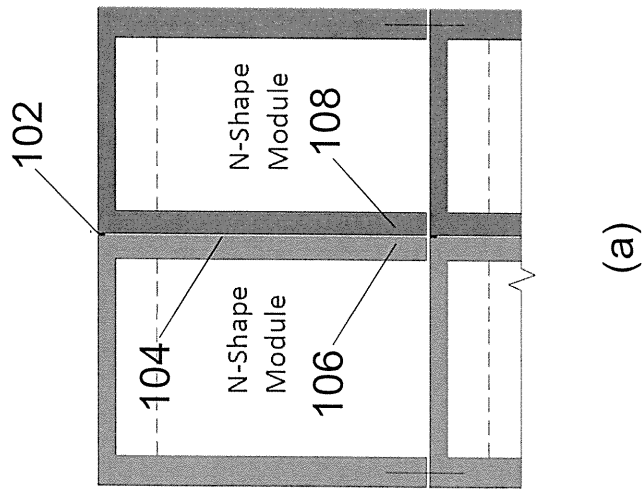


Fig. 1 (prior art)

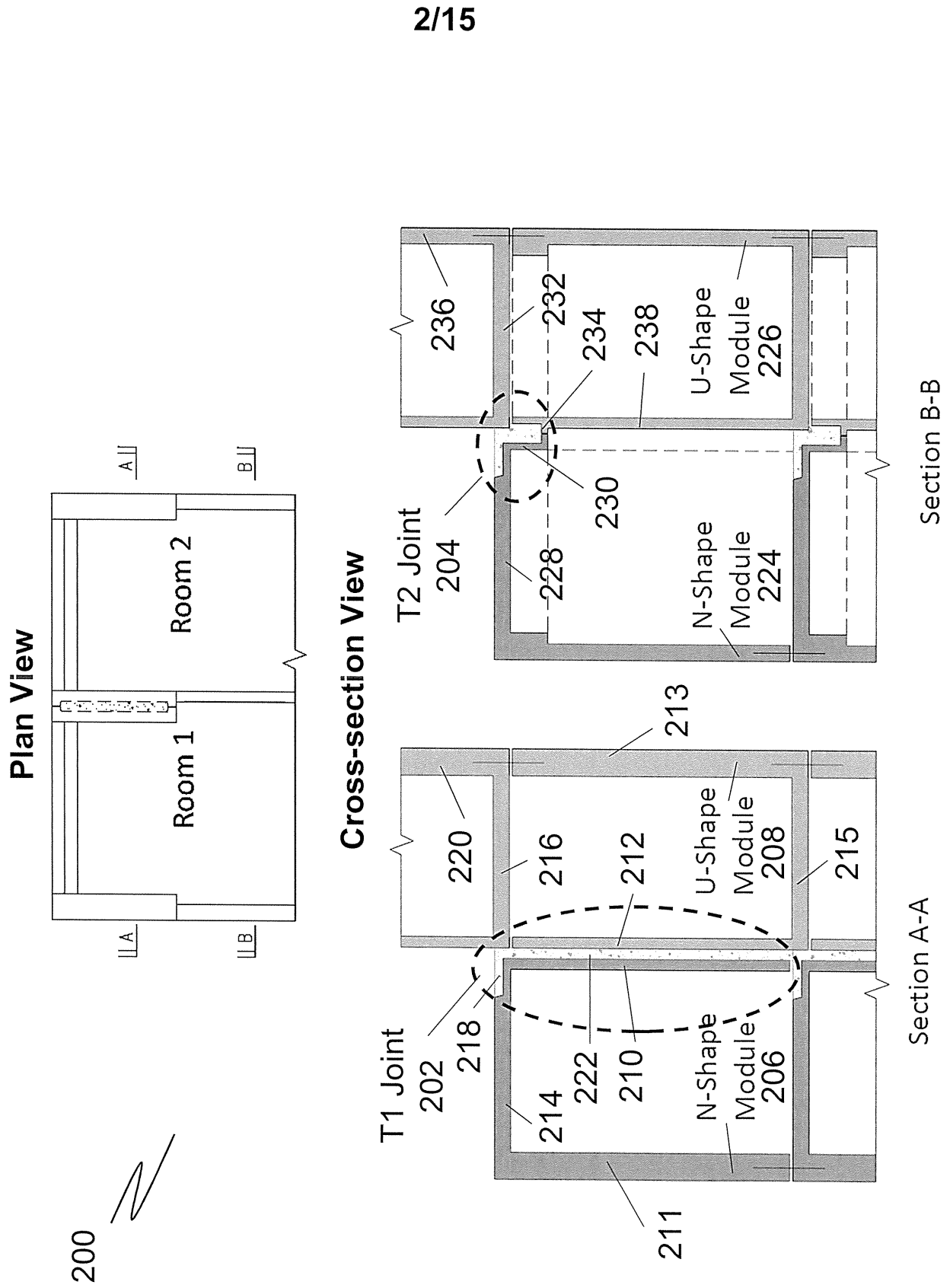


Fig. 2

N

The floor plan shows a rectangular apartment divided into two rooms, Room 1 and Room 2, by a central hallway. Room 1 is on the left and contains a bed, a desk, and a chair. Room 2 is on the right and contains a bed, a desk, and a chair. The entrance is at the top, leading into Room 2. There are two windows, labeled A and B, one on each side of the entrance.

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The figure consists of three cross-sectional views of a building facade, labeled Section A-A, Section B-B, and Section B-B. Each view shows two N-Shape Modules joined together. Section A-A shows a T3 Joint (302) between the modules, with labels 318, 320, 316, 312, 314, 310, 306, 308, and 338. Section B-B shows a T4 Joint (304) between the modules, with labels 334, 336, 328, 330, 326, 324, and 332. Section B-B shows a T4 Joint (340) between the modules, with labels 338 and 340. The modules are labeled N-Shape Module.

T3 Joint 302

318 320 316 312 314 310 306 308 338

N-Shape Module

N-Shape Module

Section A-A

T4 Joint 304

334 336 328 330 326 324 332

N-Shape Module

N-Shape Module

Section B-B

T4 Joint

340 338

N-Shape Module

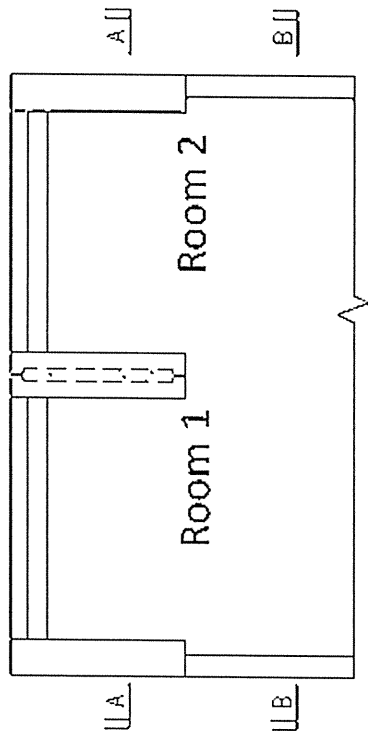
N-Shape Module

Section B-B

Fig. 3

200

Plan View



Cross-section View

T3 Joint

T5 Joint

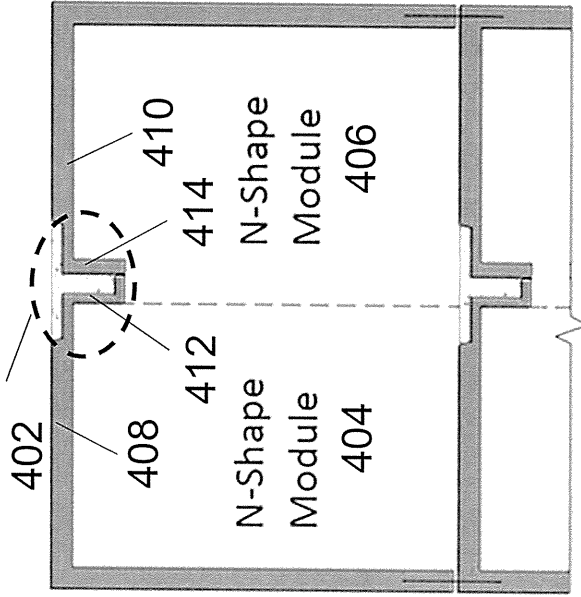
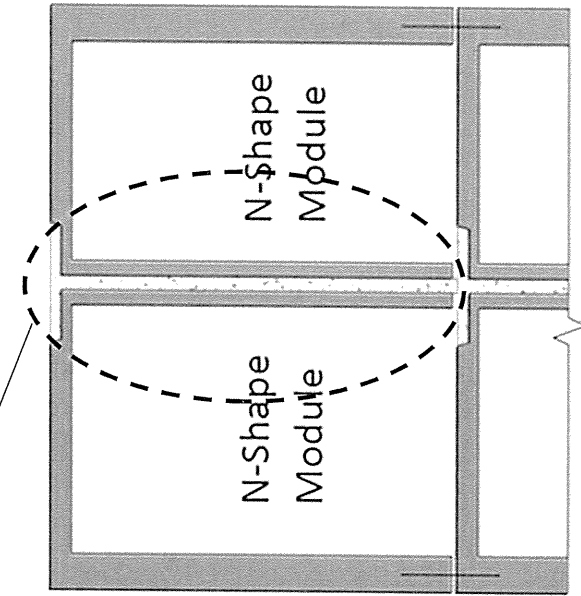
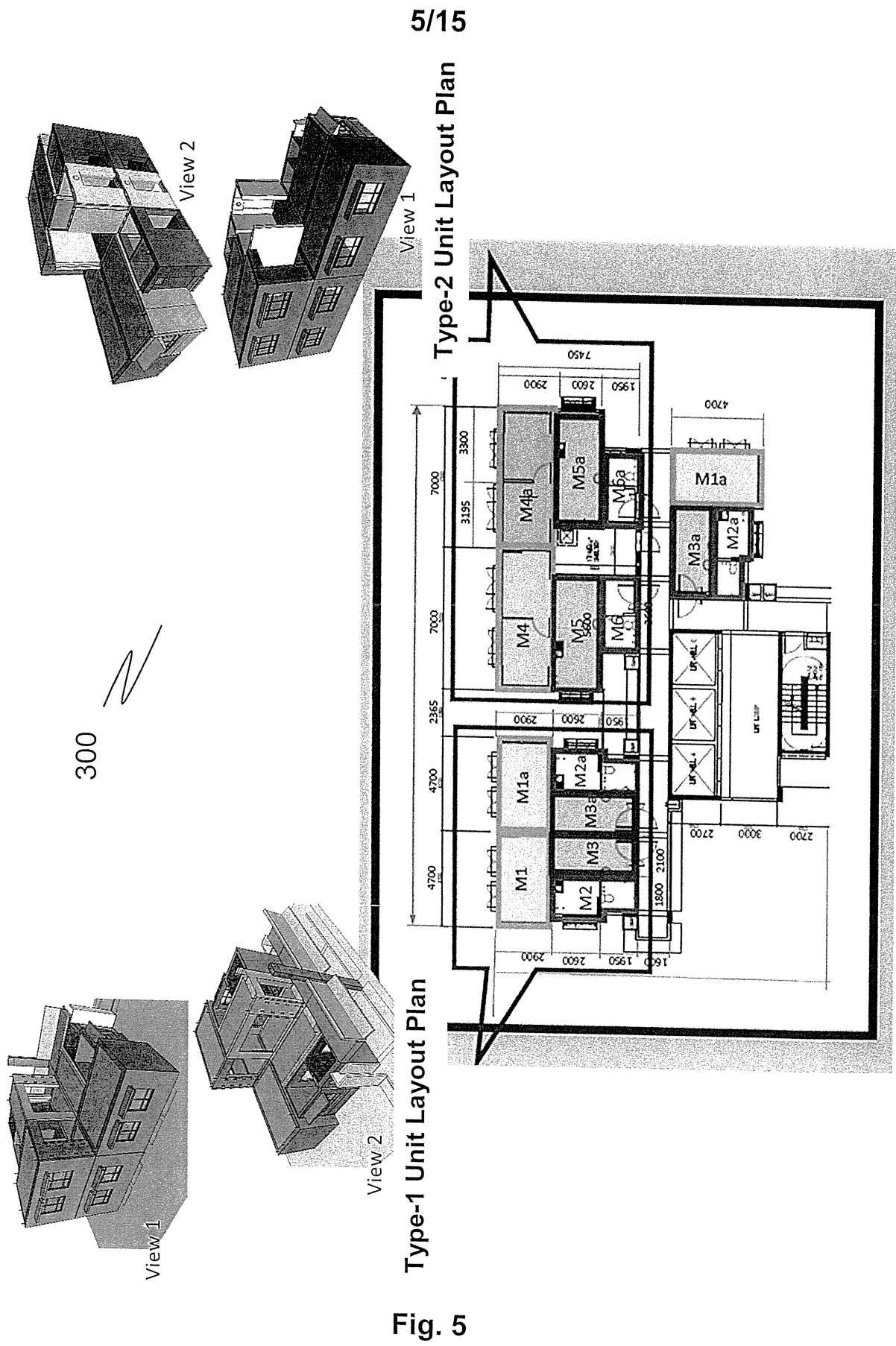


Fig. 4



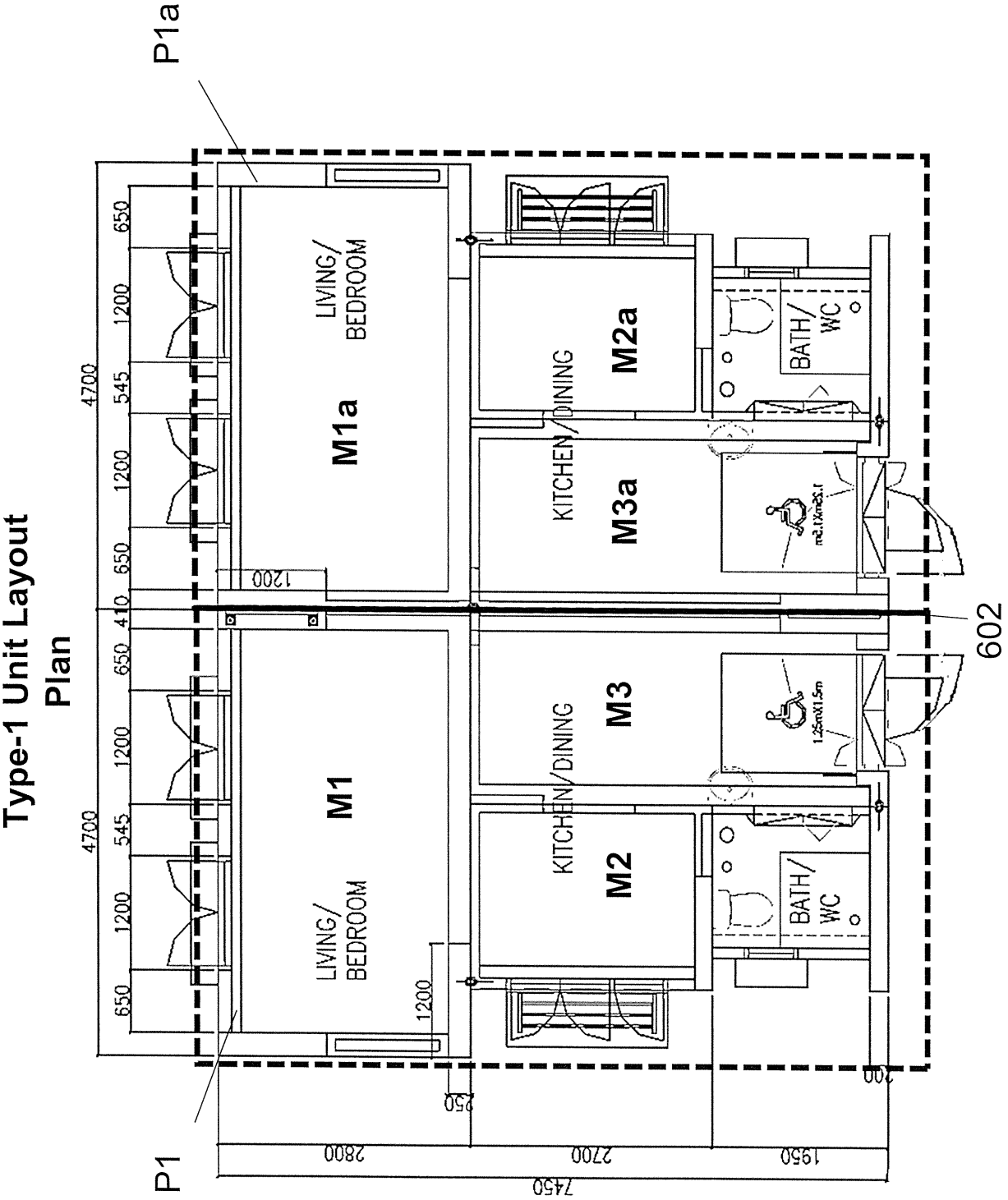


Fig. 6

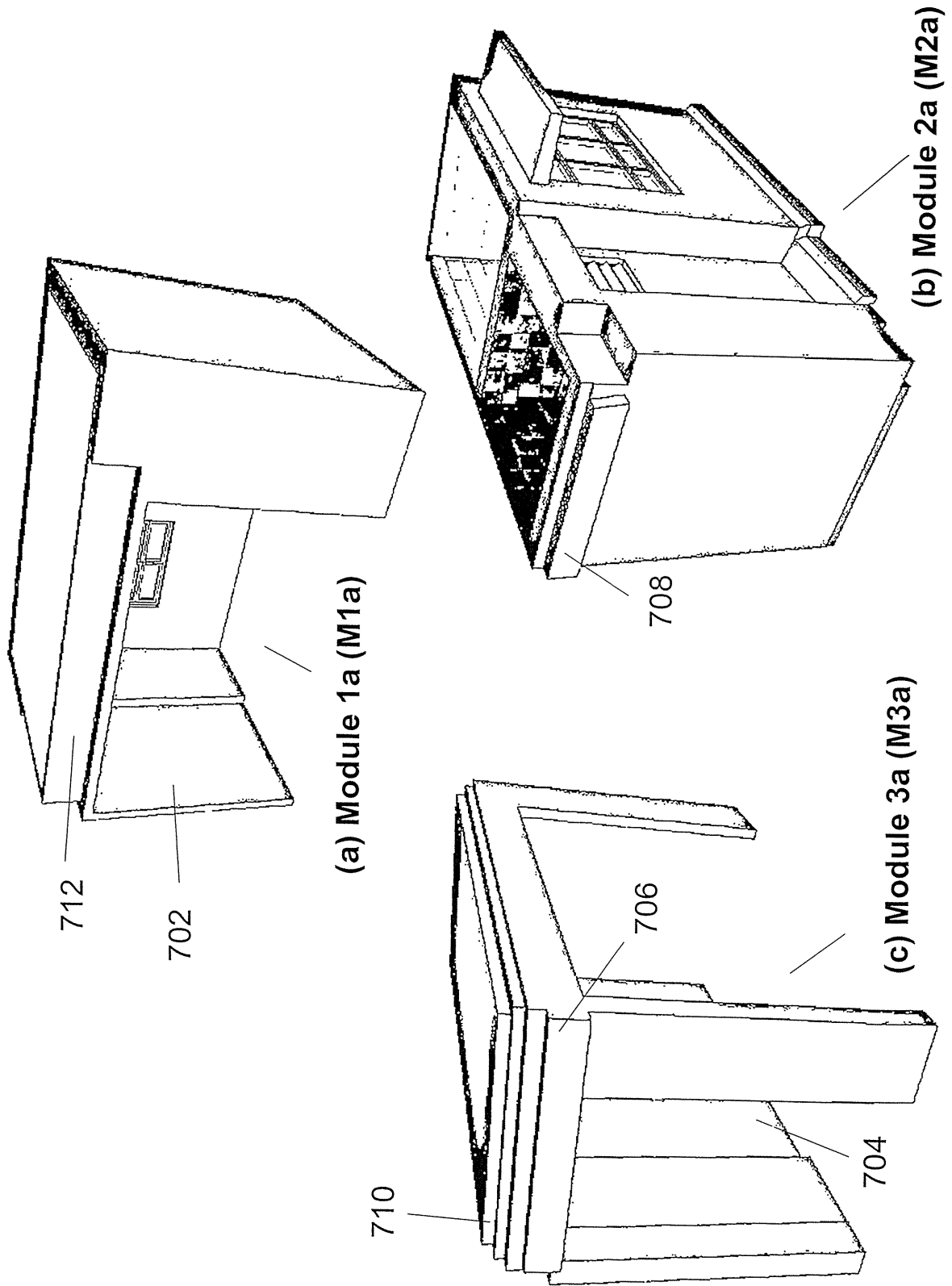


Fig. 7

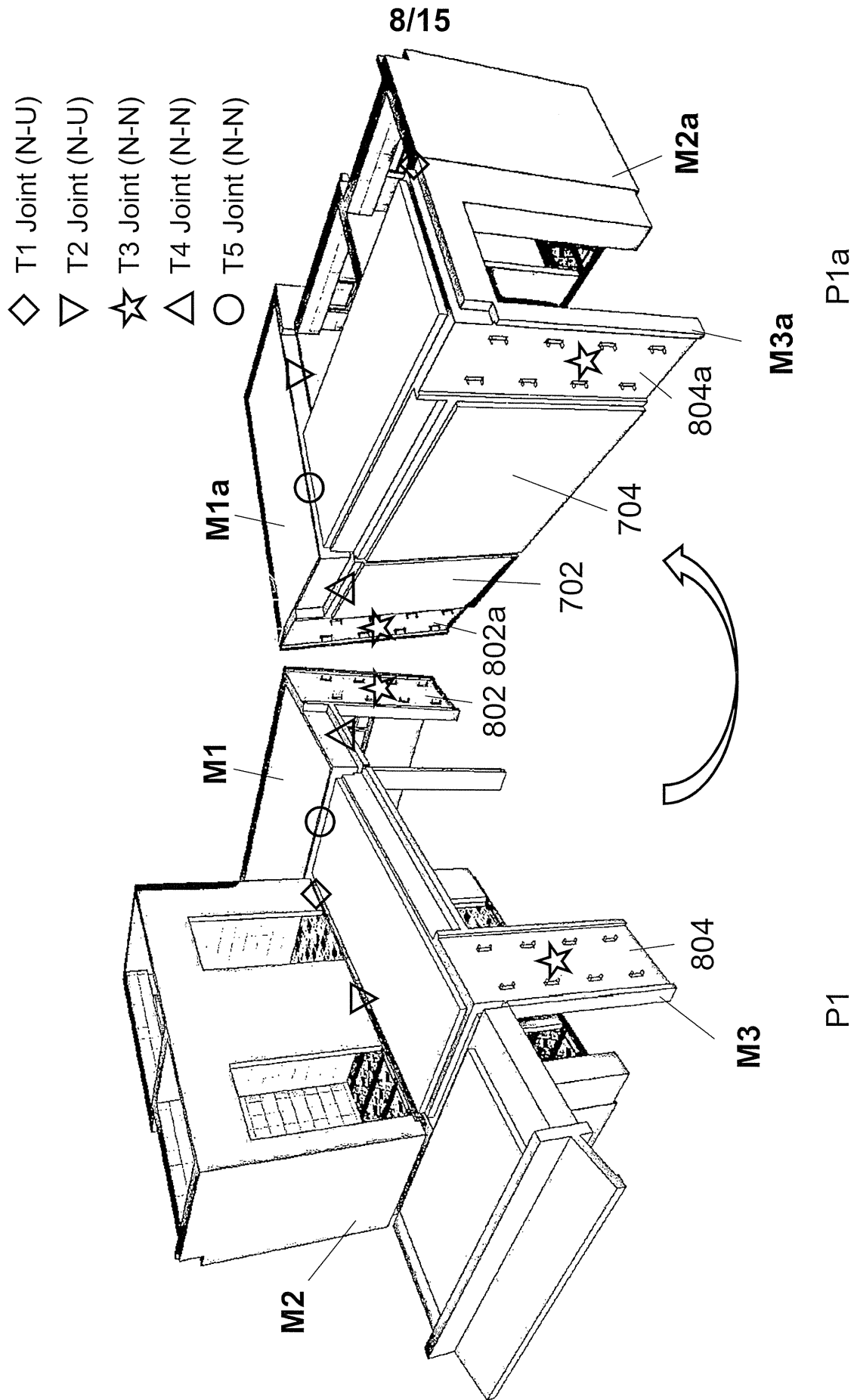


Fig. 8



Fig. 9

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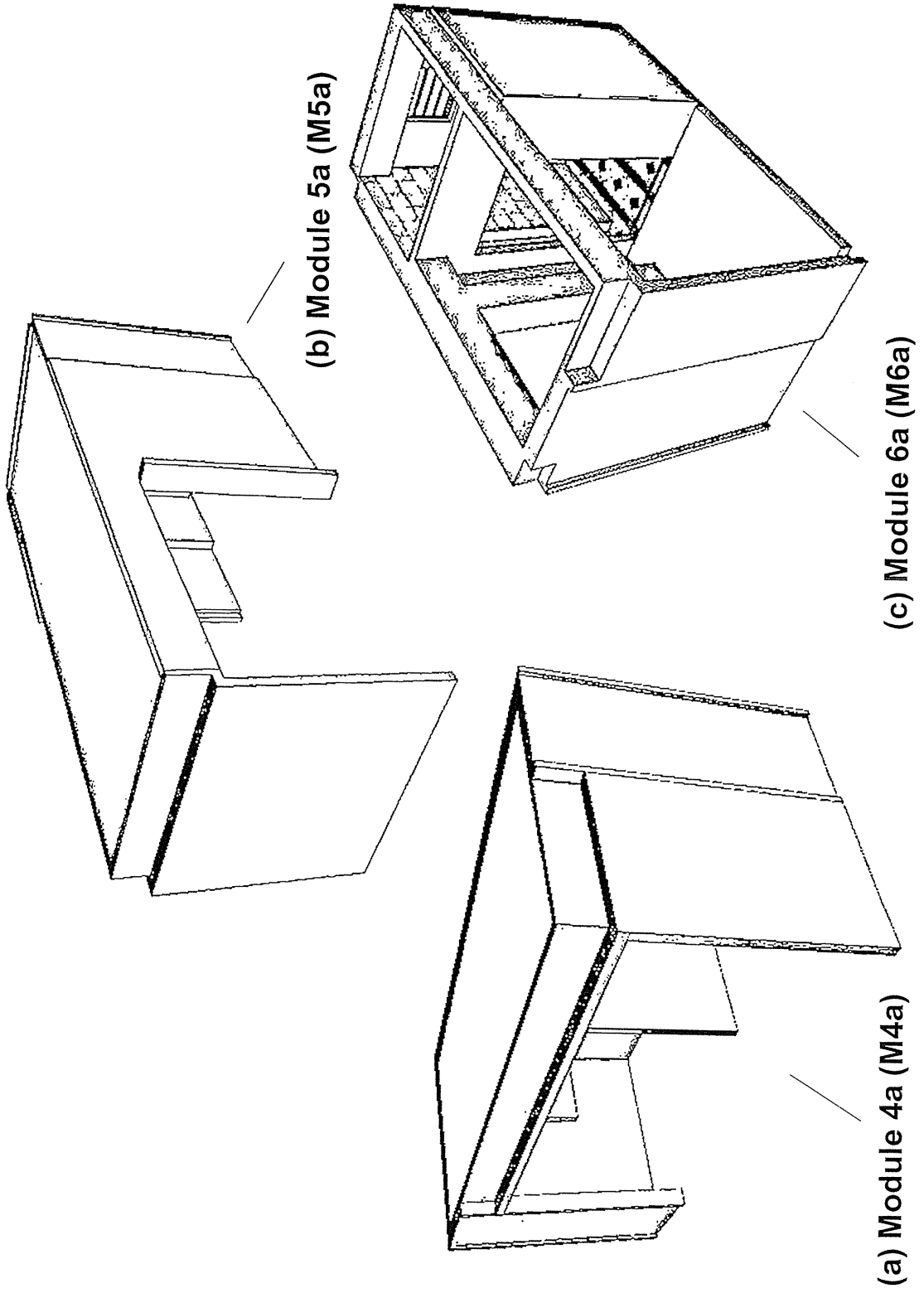
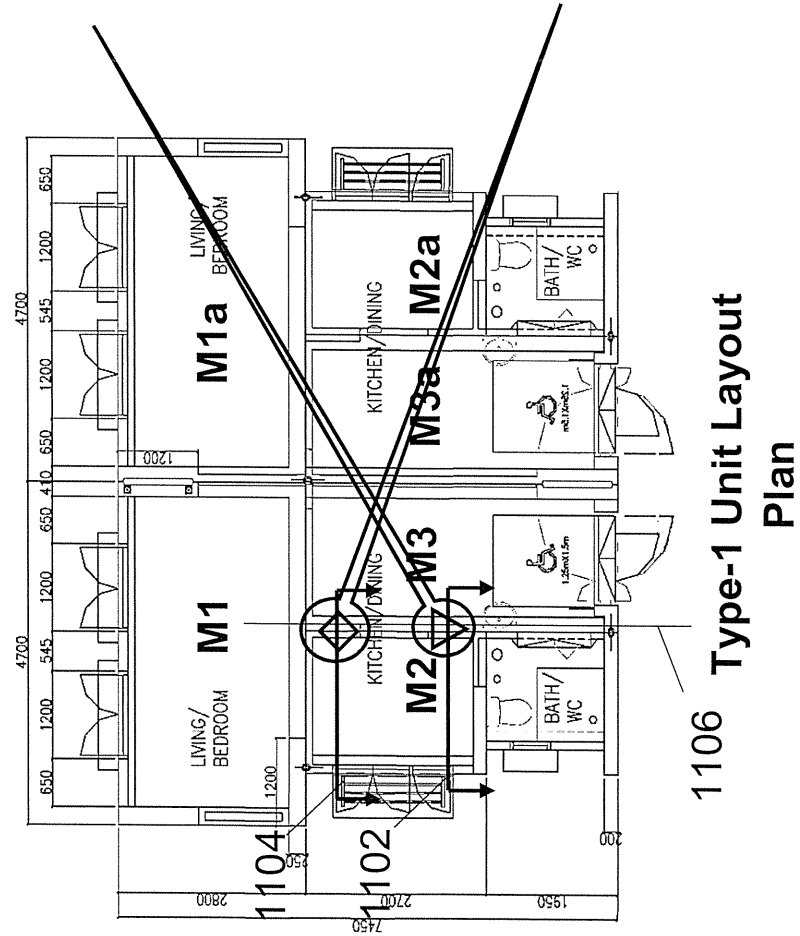
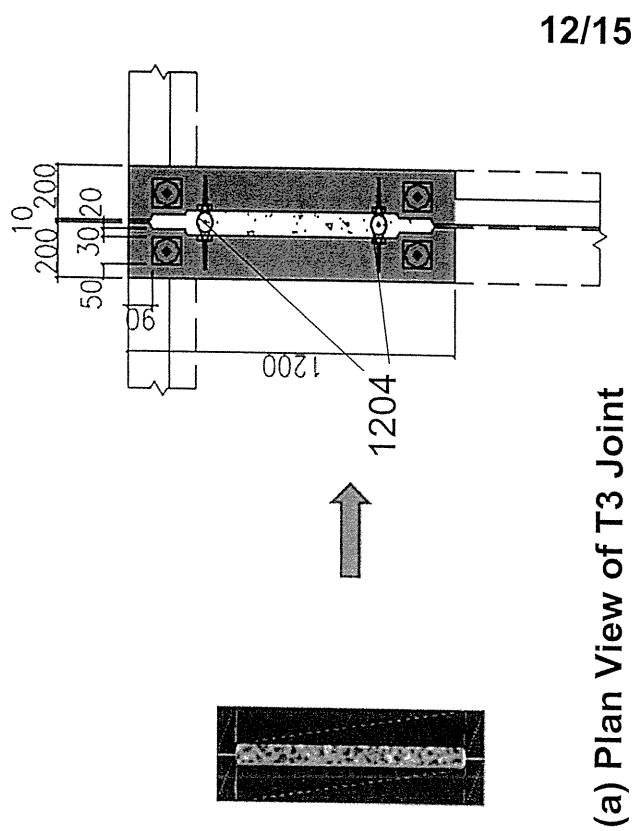


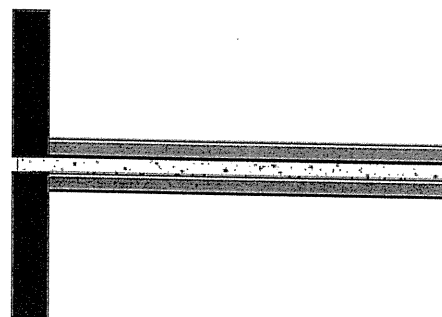
Fig. 10

Fig. 11

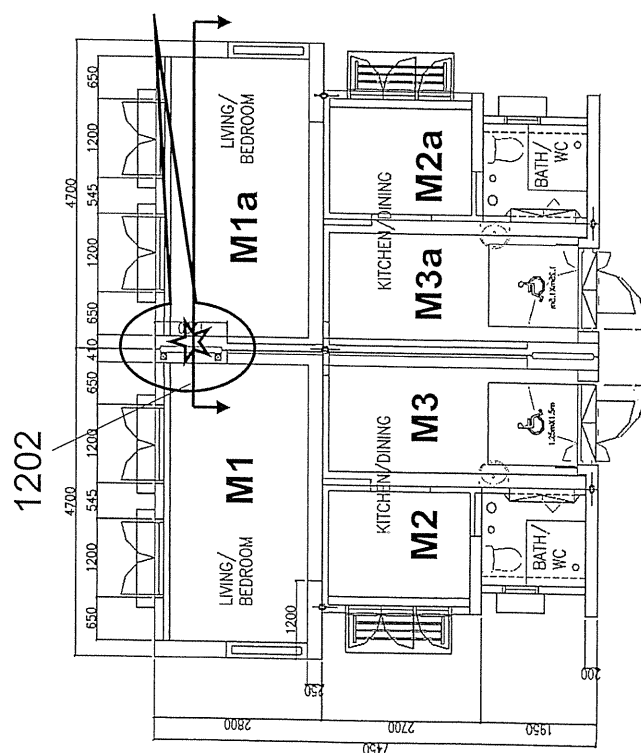




(a) Plan View of T3 Joint

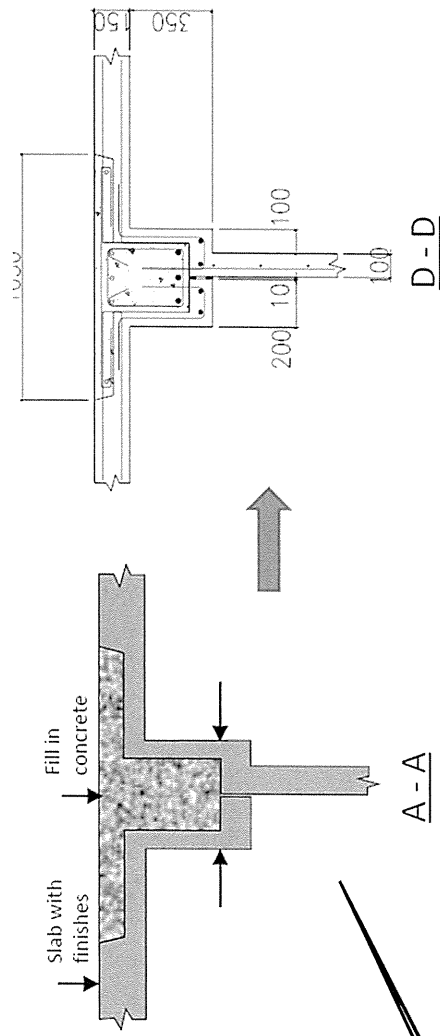


(b) Cross-section View of T3 Joint

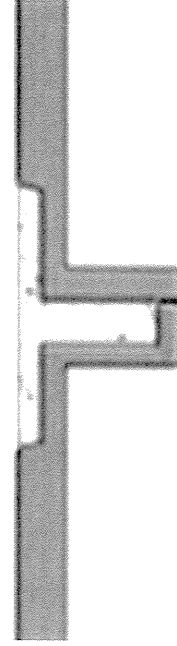


Type-1 Unit Layout

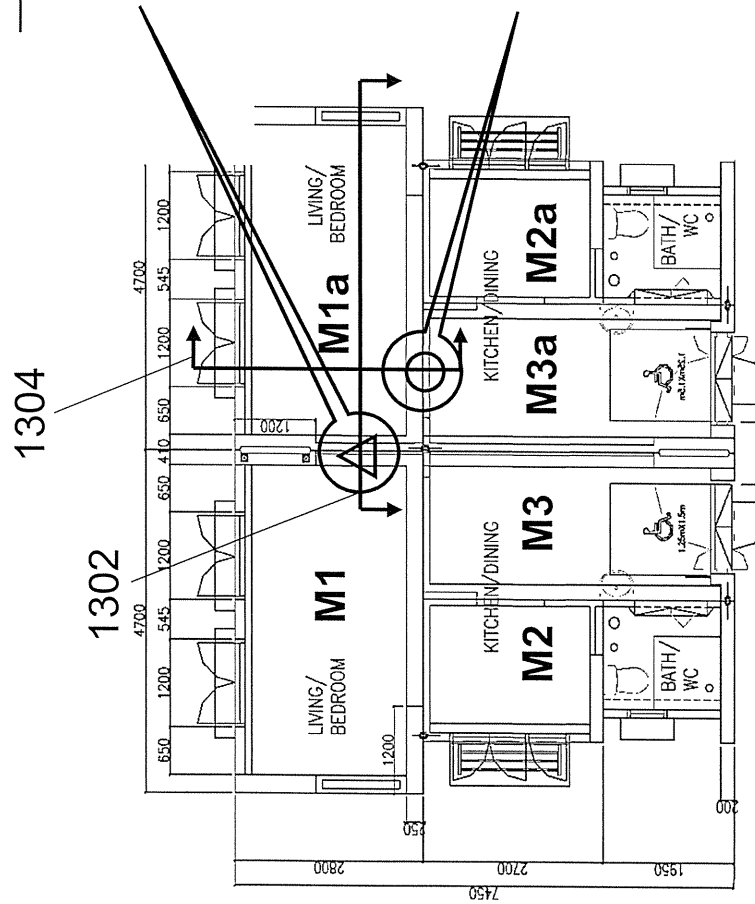
Fig. 12



(a) Cross-section view of T4 Joint



(b) Cross-section view of T5 Joint



Type-1 Unit Layout

Fig. 13

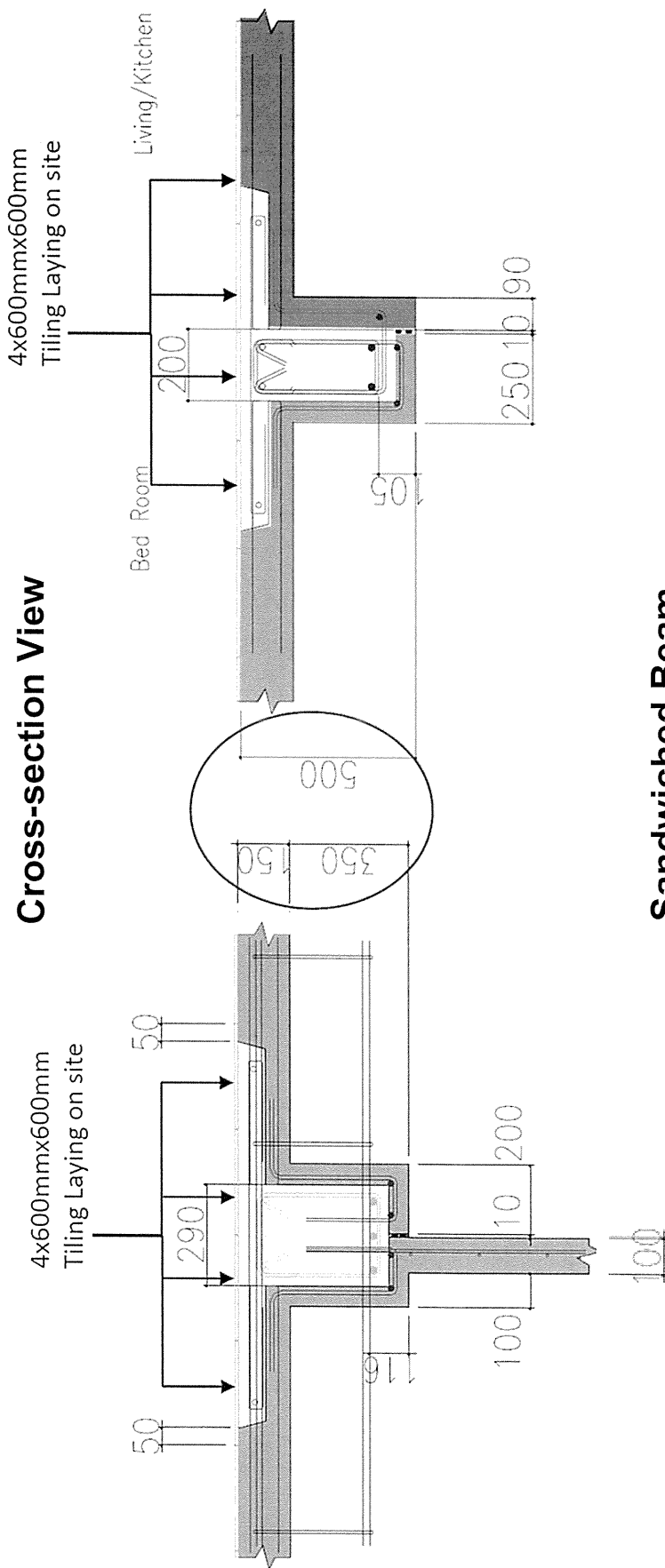
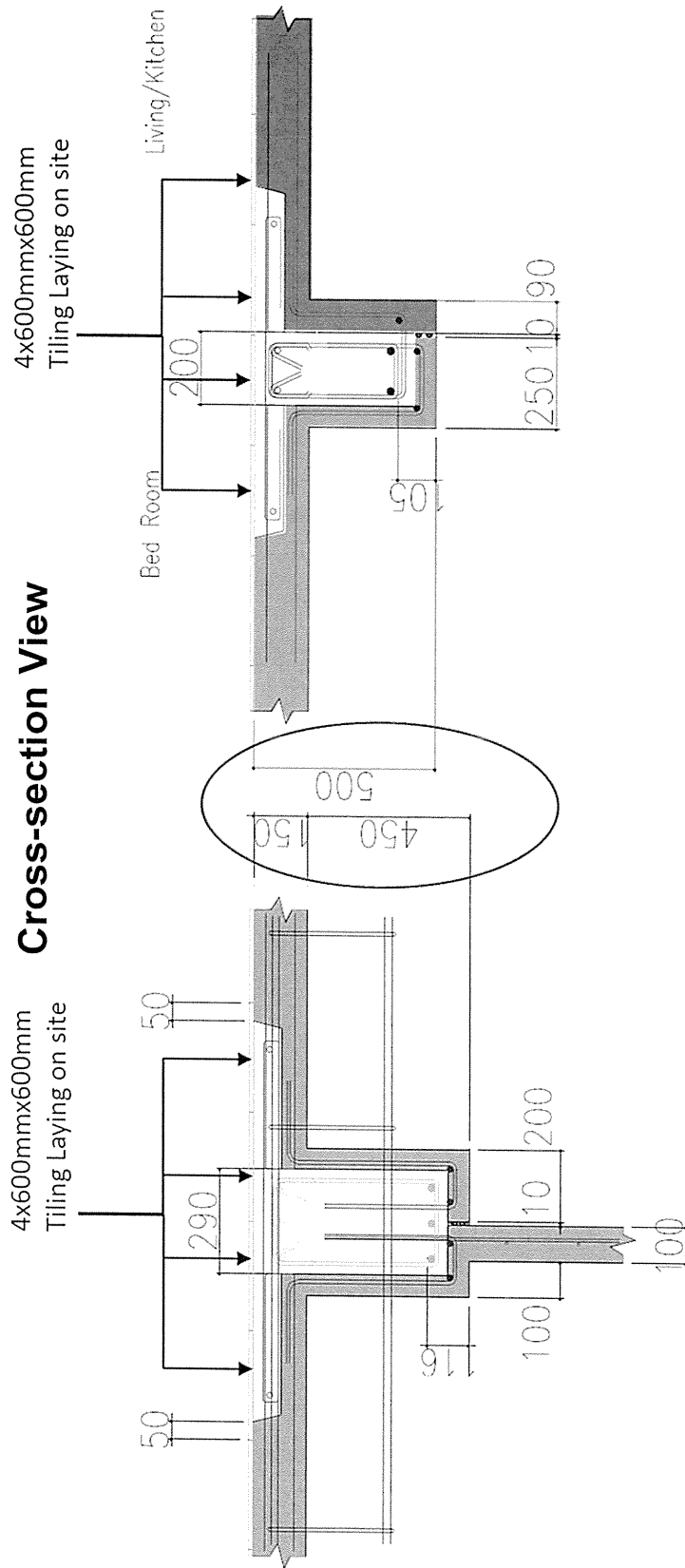


Fig. 14 (a)

Sandwiched Beam Joint Option 1



**Sandwiched Beam
Joint Option 1**

Fig. 14 (b)