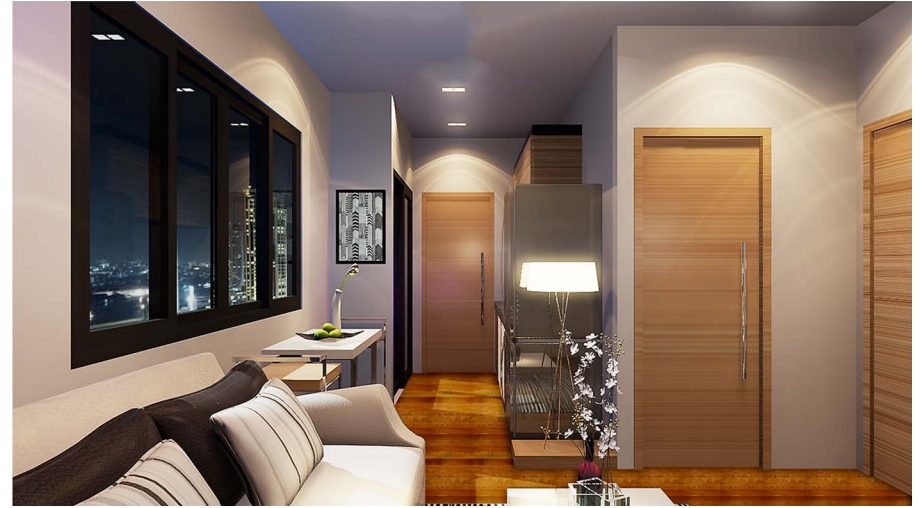


The Architect's



Aesthetics.



The Developer's

The Contractor's



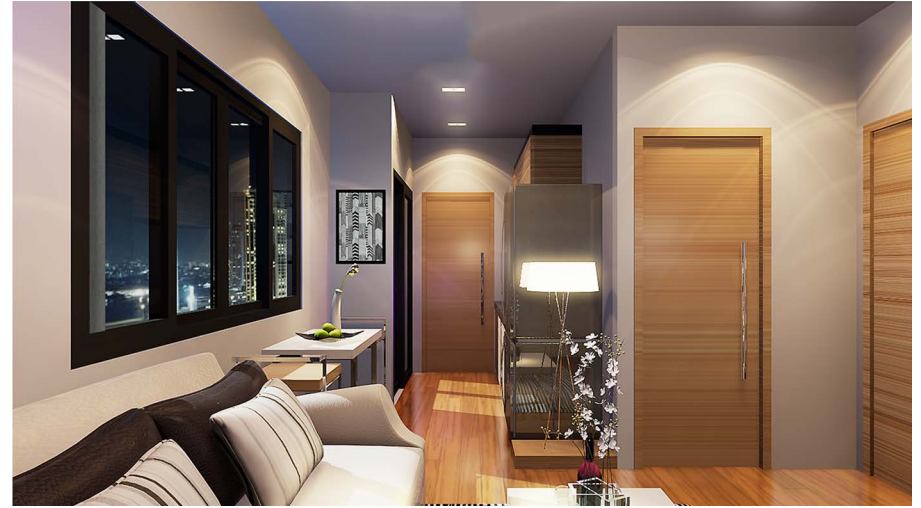
The Inhabitant's

The Architect's



Aesthetics.

The Developer's



The Contractor's



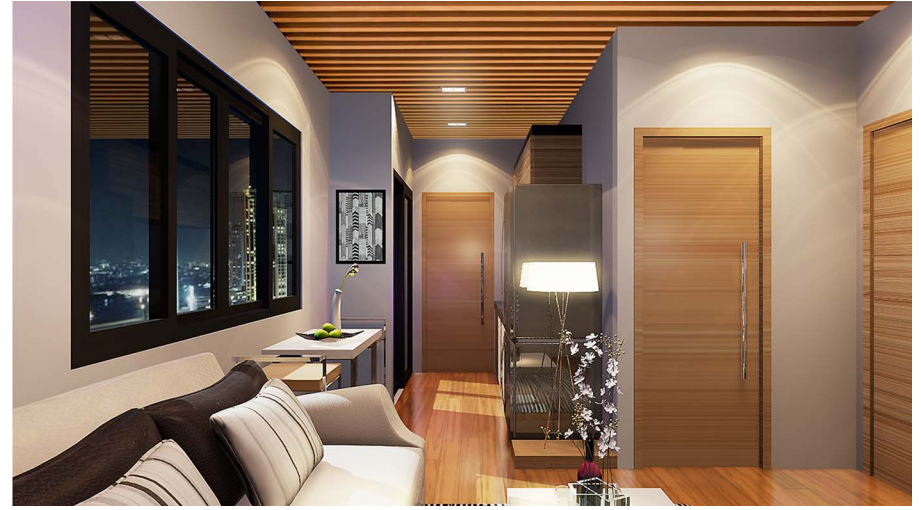
The Inhabitant's



The Architect's



Aesthetics.



The Developer's

The Contractor's

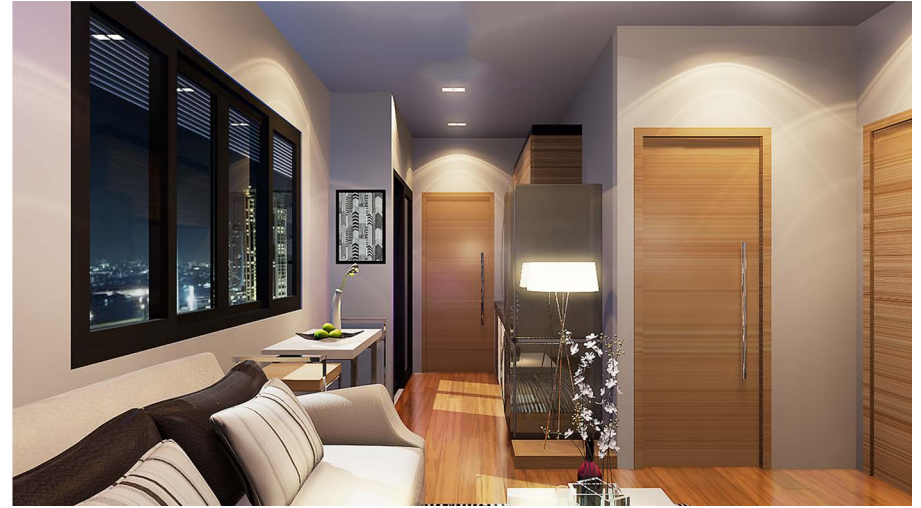


The Inhabitant's

The Architect's



Aesthetics.



The Developer's

The Contractor's



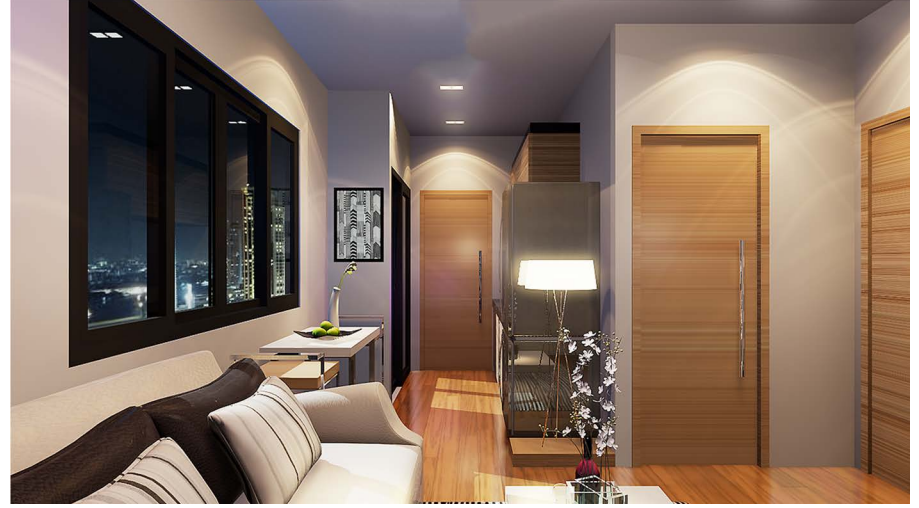
The Inhabitant's

The Architect's



Aesthetics.

The Developer's



The Contractor's



The Inhabitant's



The Architect's



Aesthetics.

The Developer's



The Contractor's



The Inhabitant's

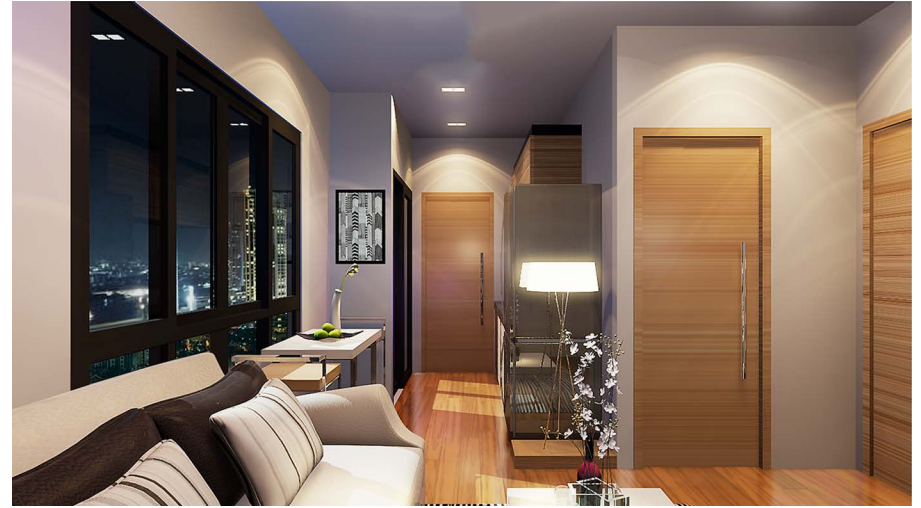


The Architect's



Aesthetics.

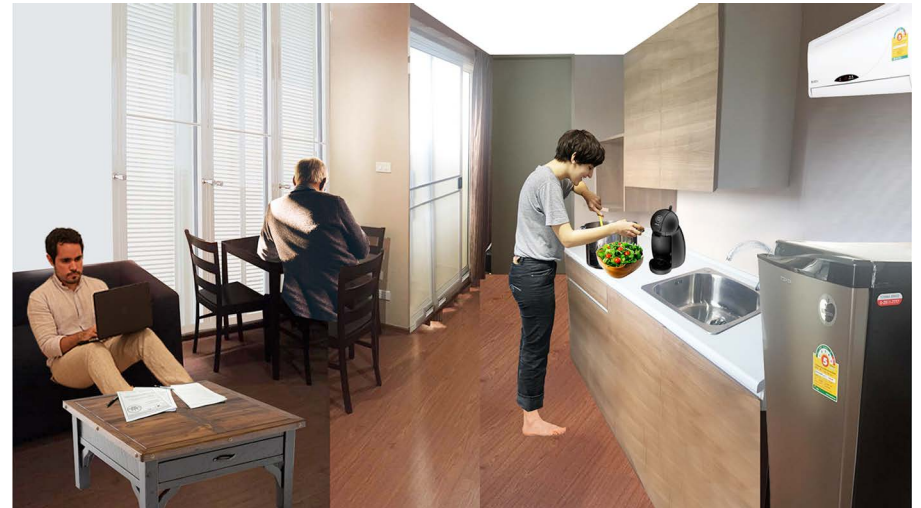
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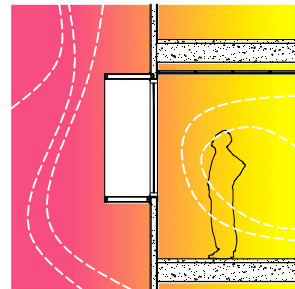
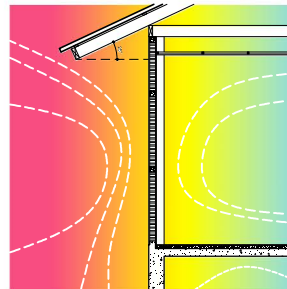
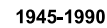
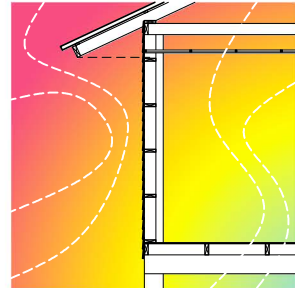
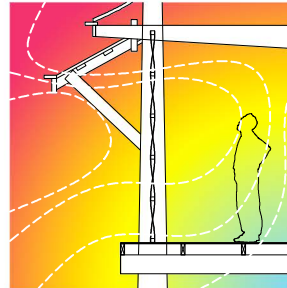
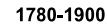


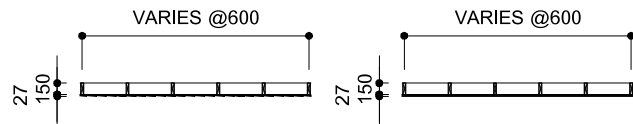
The Contractor's



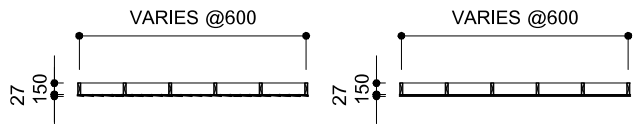
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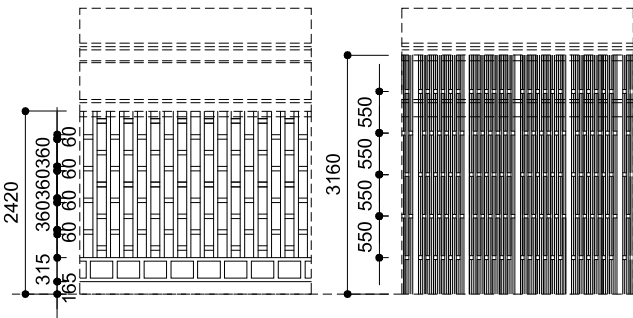




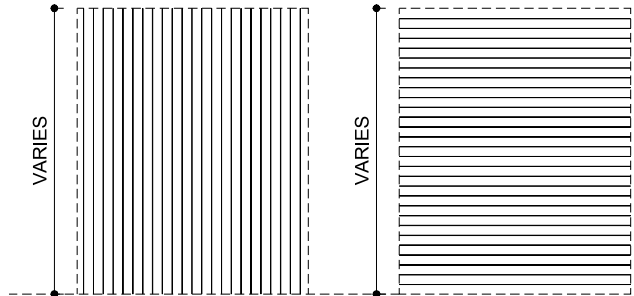
1780-1900



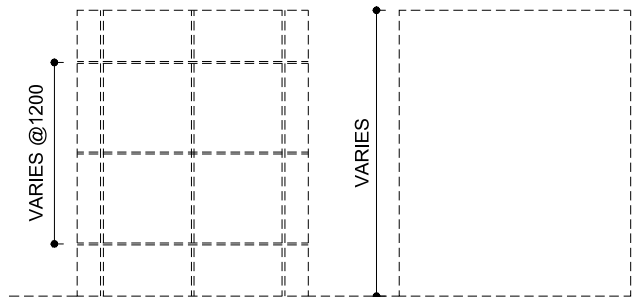
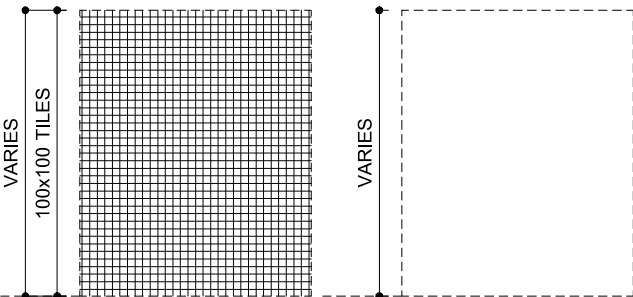
1900-1945



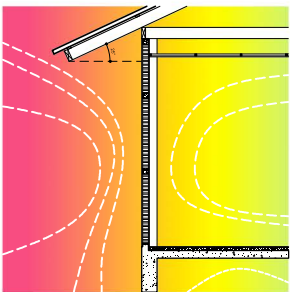
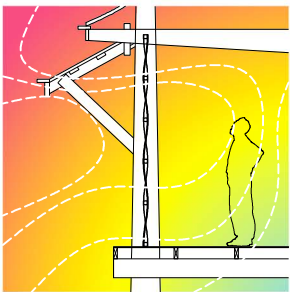
1945-1990



1990-2015

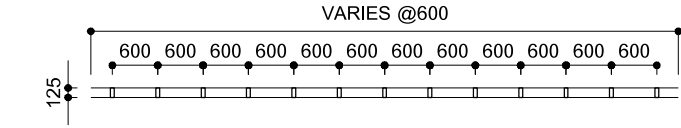


I-Space Residence

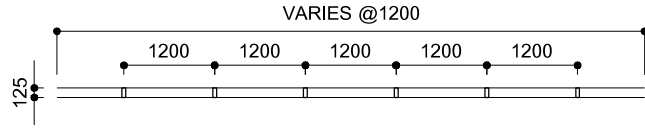


Wall

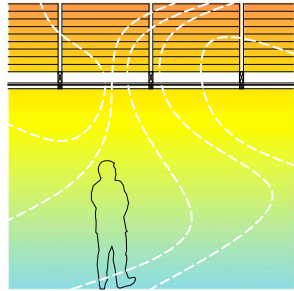
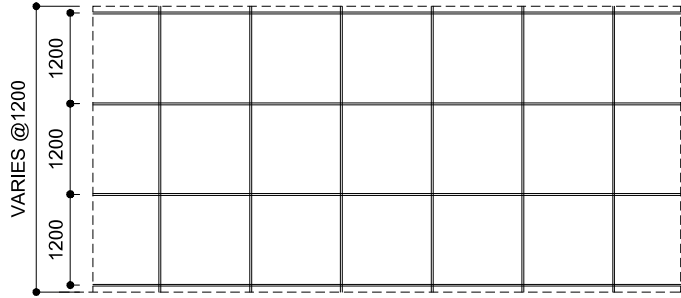
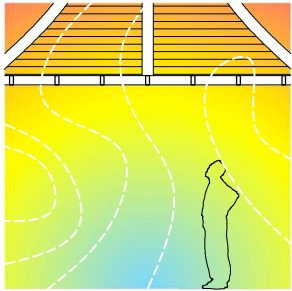
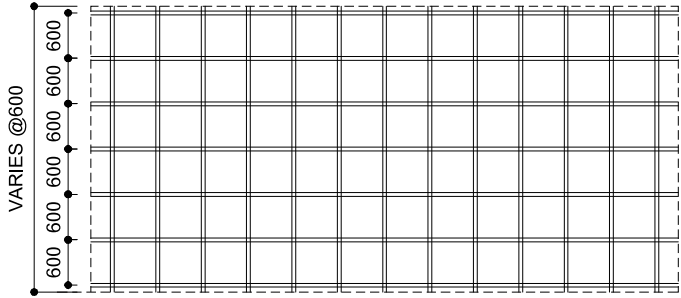
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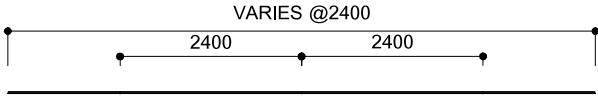
1780-1900



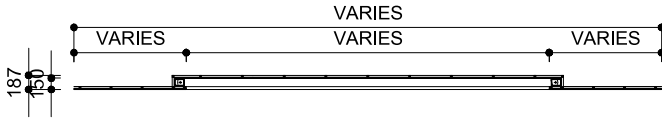
1900-1945



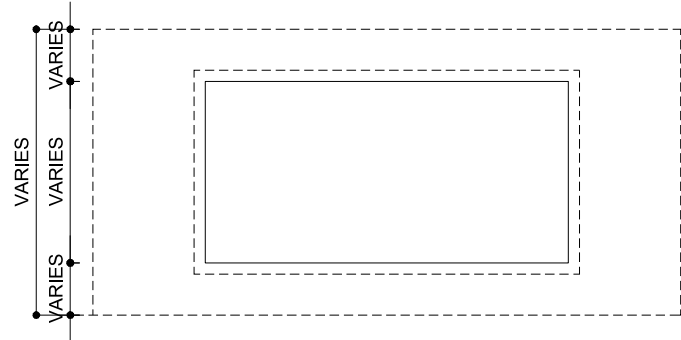
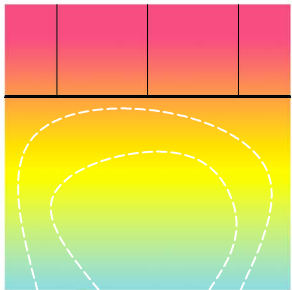
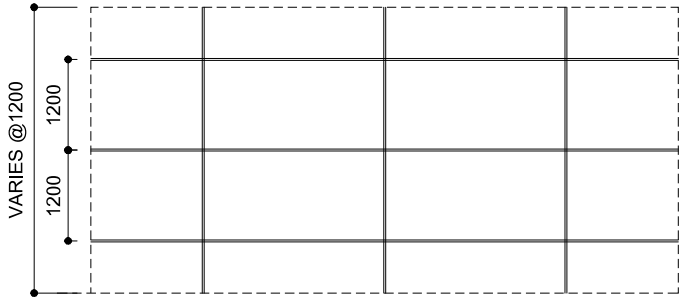
Ceiling



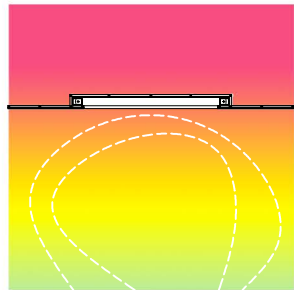
1945-1990



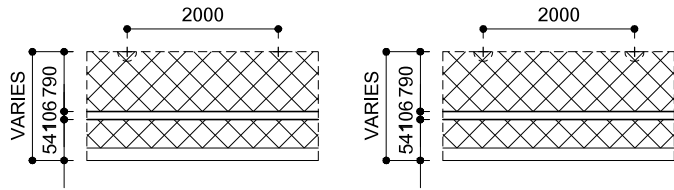
1990-2015



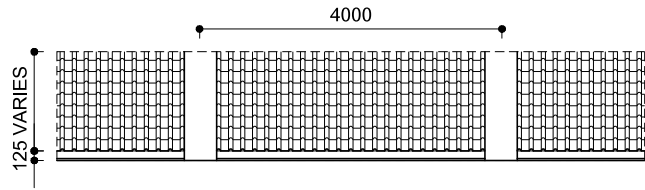
I-Space Residence



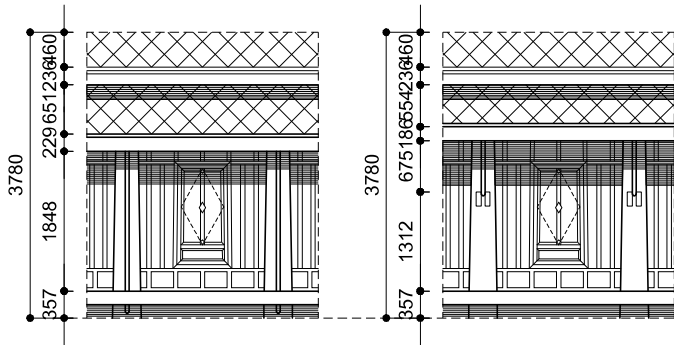
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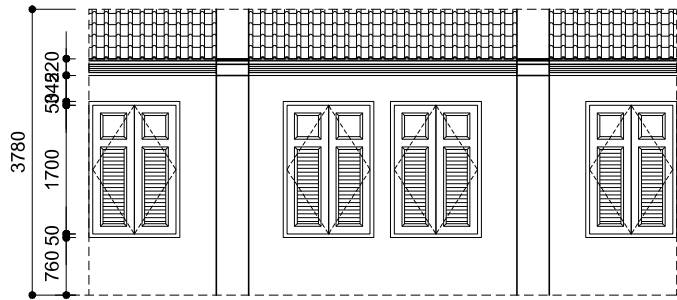
1780-1900



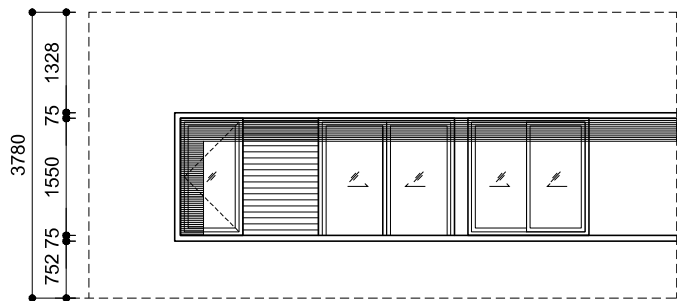
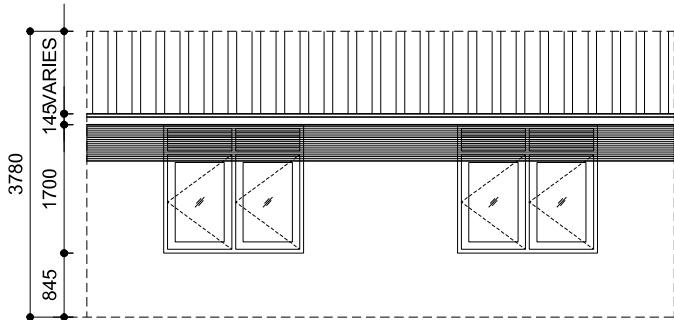
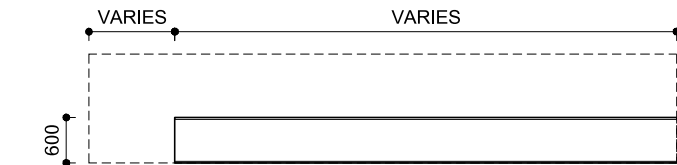
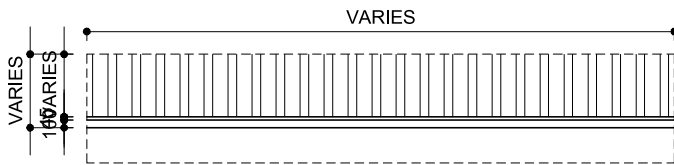
1900-1945



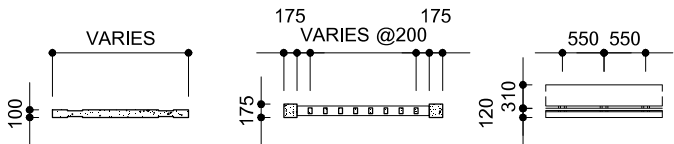
1945-1990



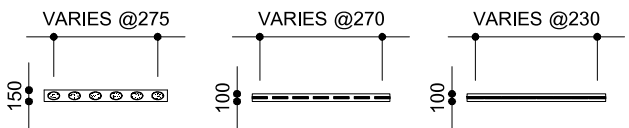
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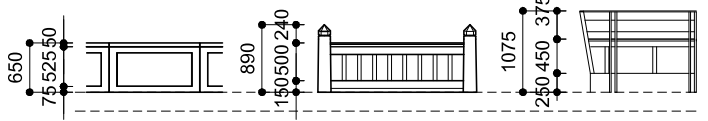
I-Space Residence



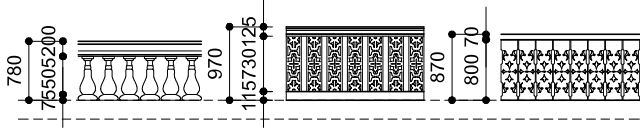
1780-1900



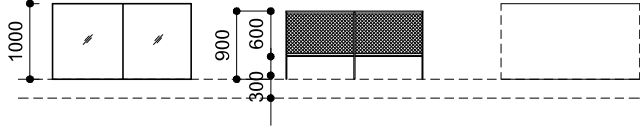
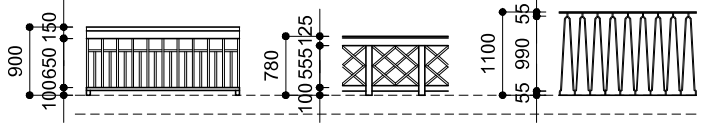
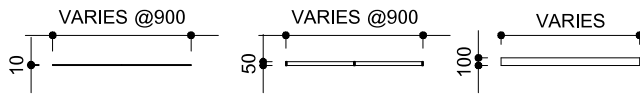
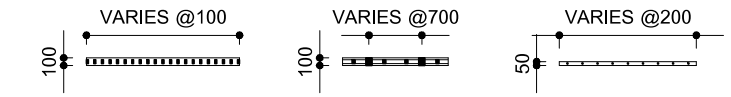
1900-1945



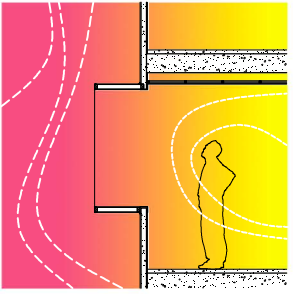
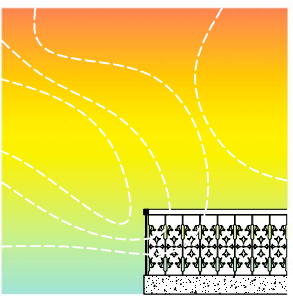
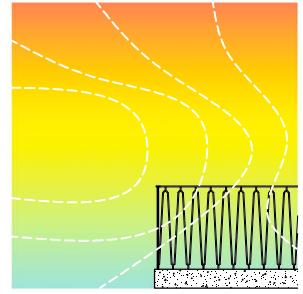
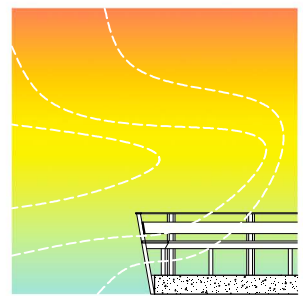
1945-1990



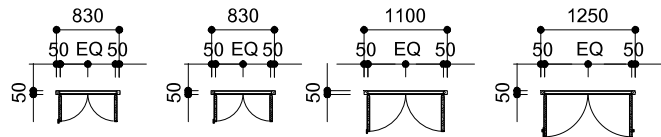
1990-2015



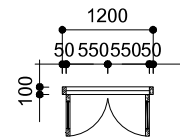
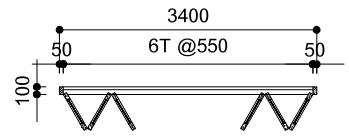
I-Space Residence



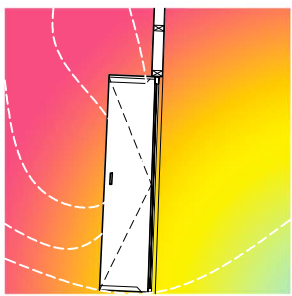
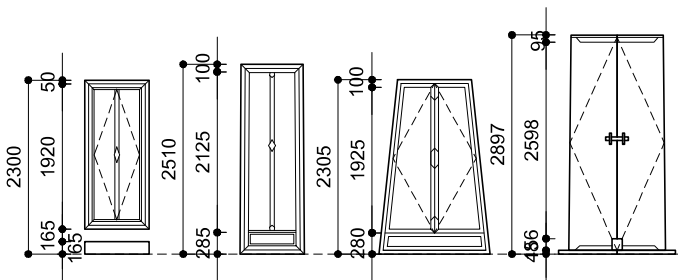
Railing



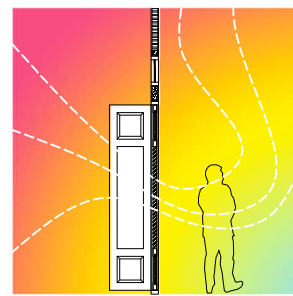
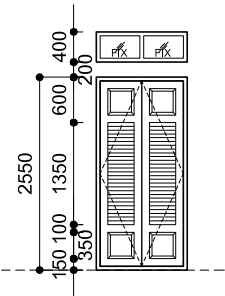
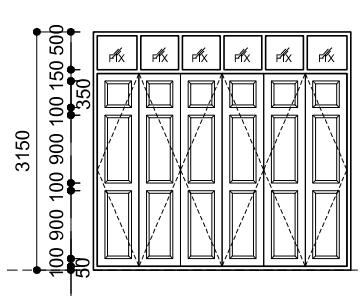
1780-1900



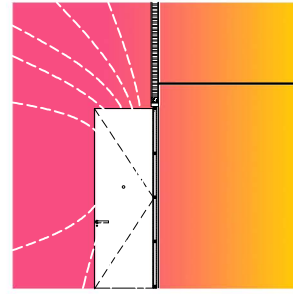
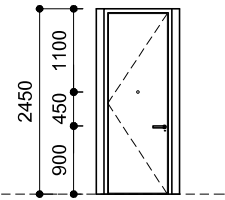
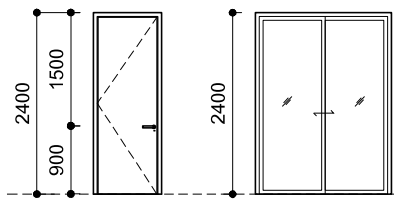
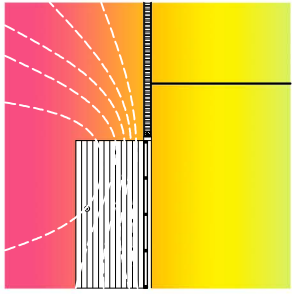
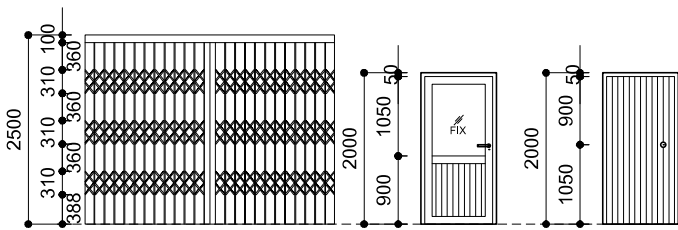
1900-1945



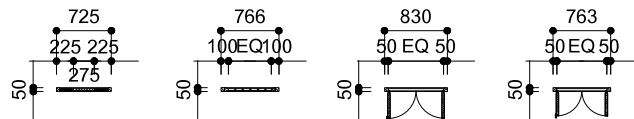
1945-1990



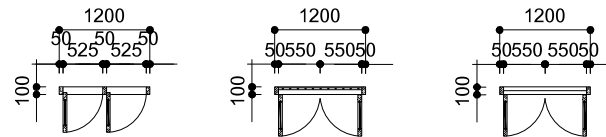
1990-2015



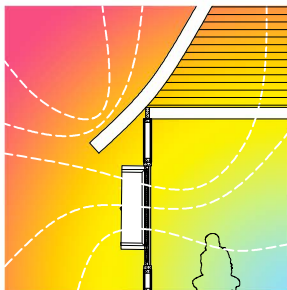
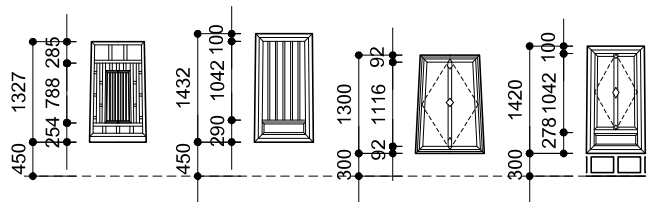
I-Space Residence



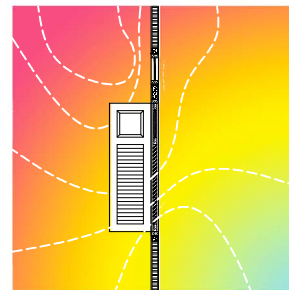
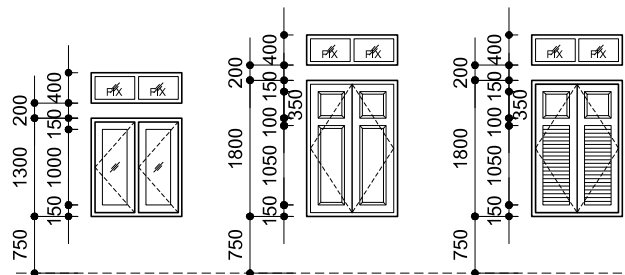
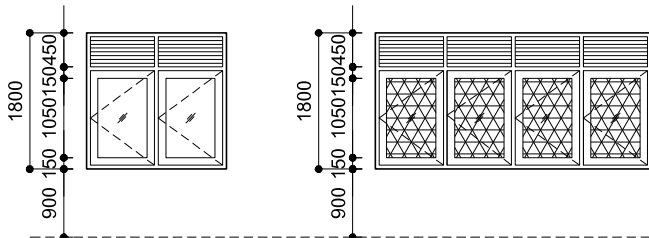
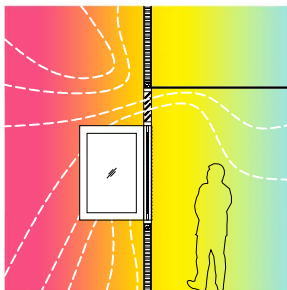
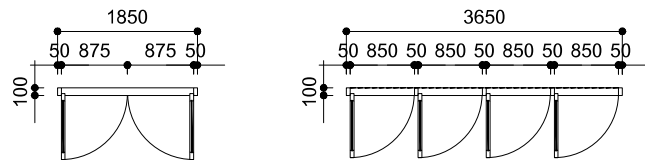
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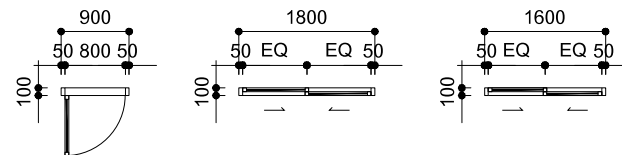
1900-1945



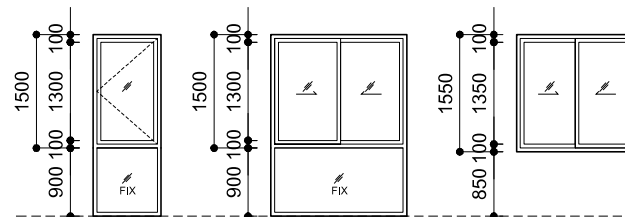
1945-1990



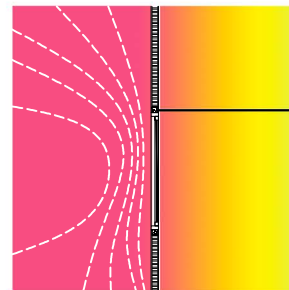
Window



1990-2015



I-Space Residence



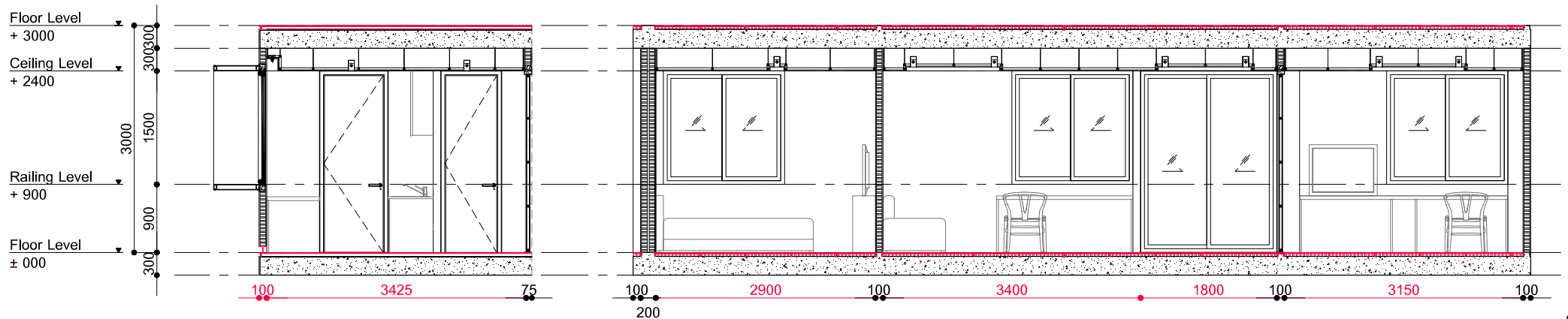
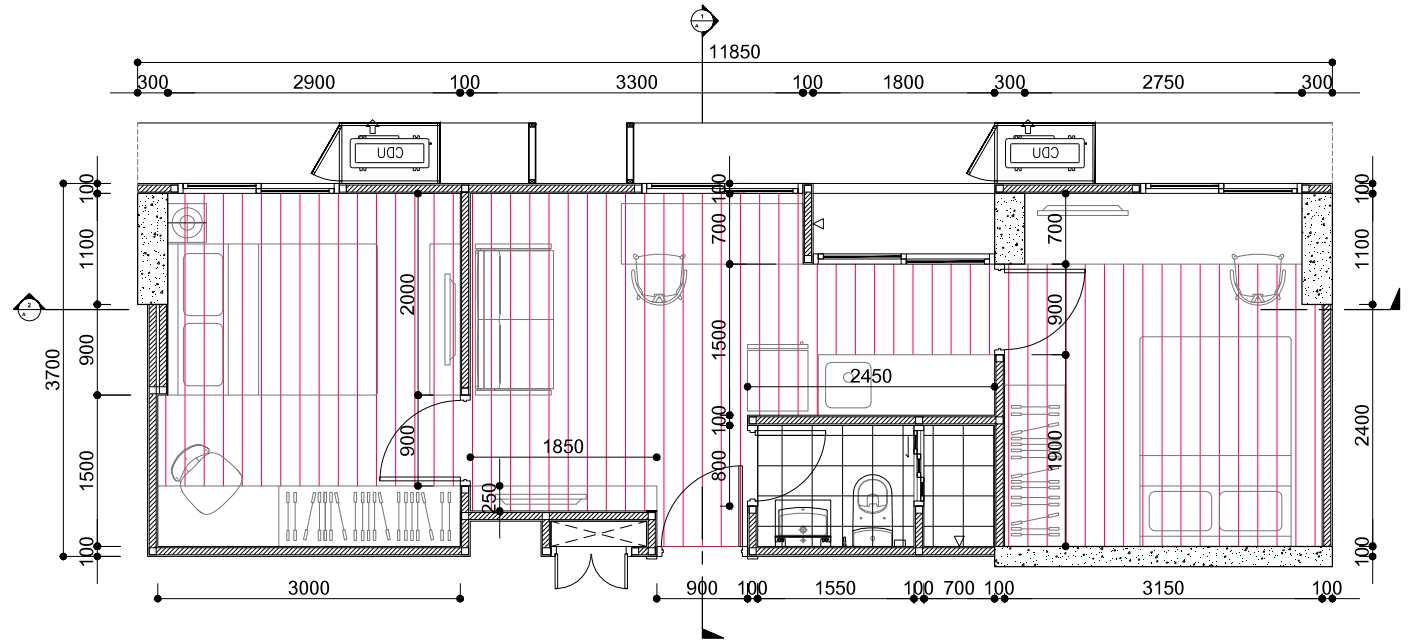
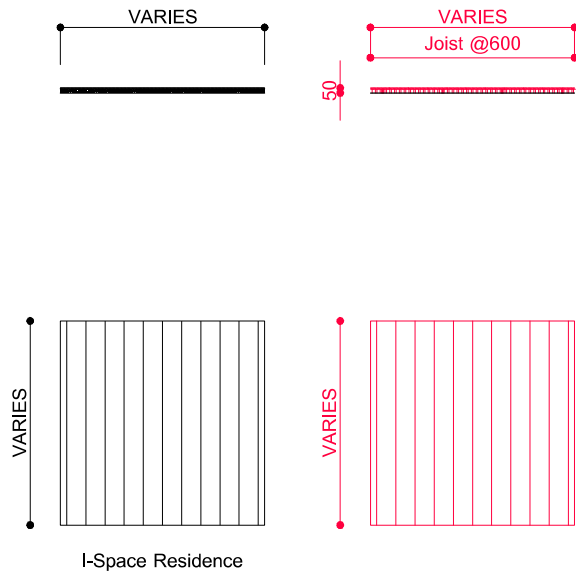


Paji's residence

Boon Design

Paji's residence is a contemporary house in which the architect incorporates traditional structure system with the new engineering technique. Raised floor structure allows wind to go through the house. The air pocket will help decrease the overall temperature within the room.

Standardization.



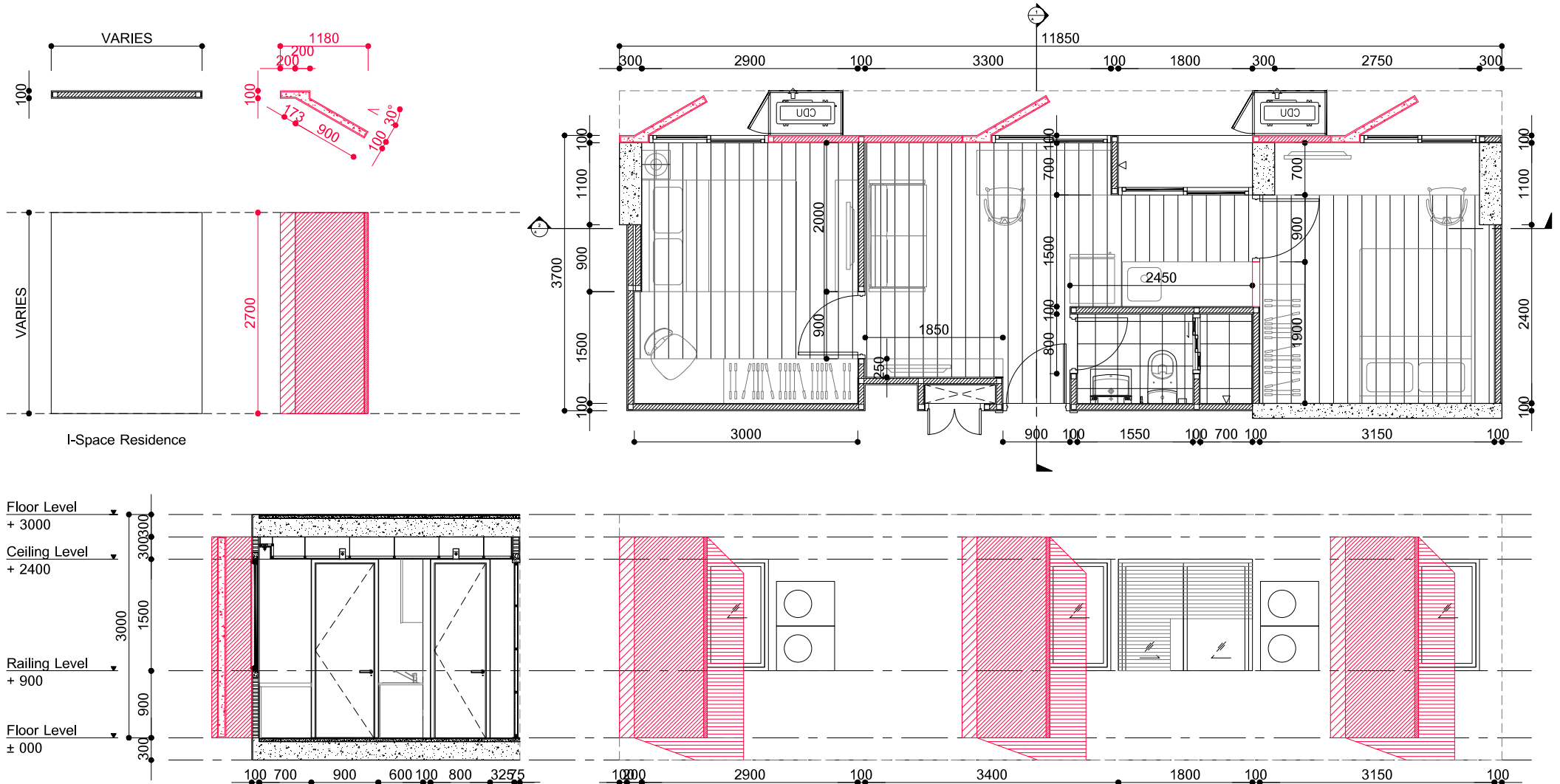


Siamese Gioia

Somdoon Architects

Siamese Gioia is a condominium building located in the center of Bangkok. Due to the popularity of glass facades, Somdoon architects designed precast concrete units to serve as a shading device, creating shadows and reduce heat from the glass facades.

Standardization.



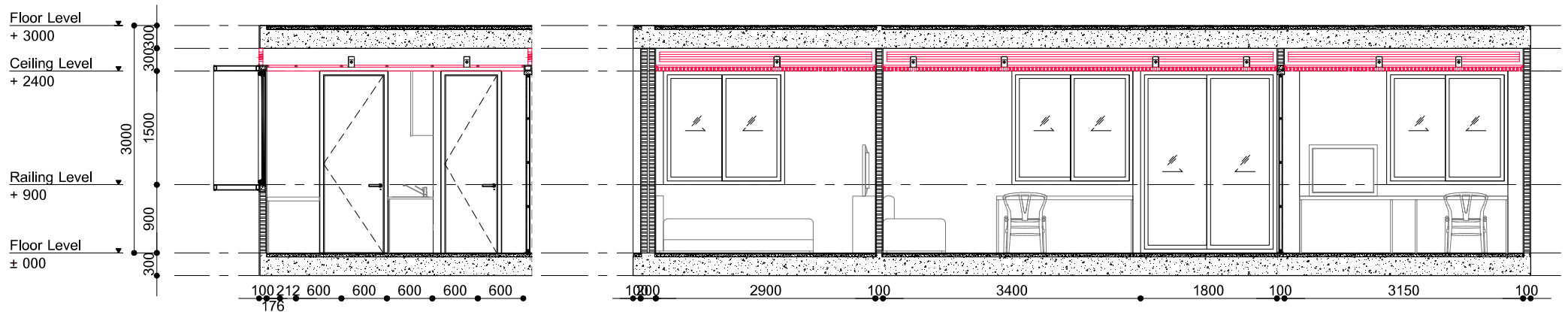
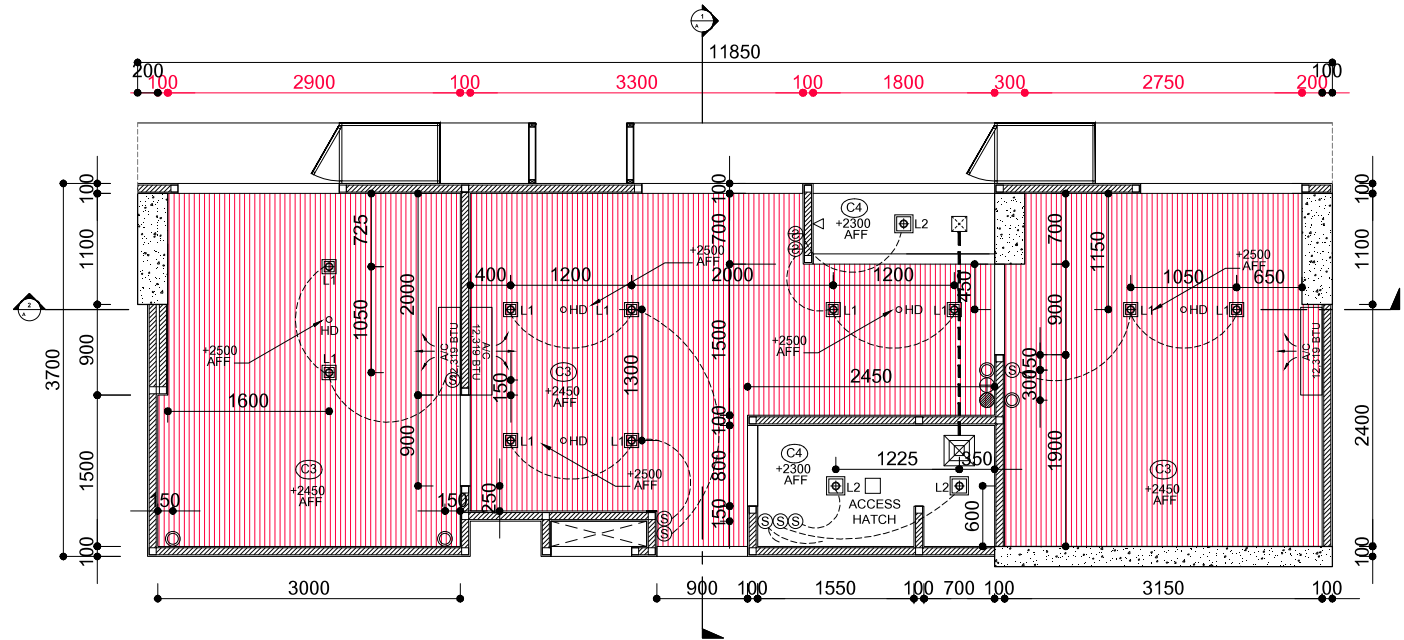
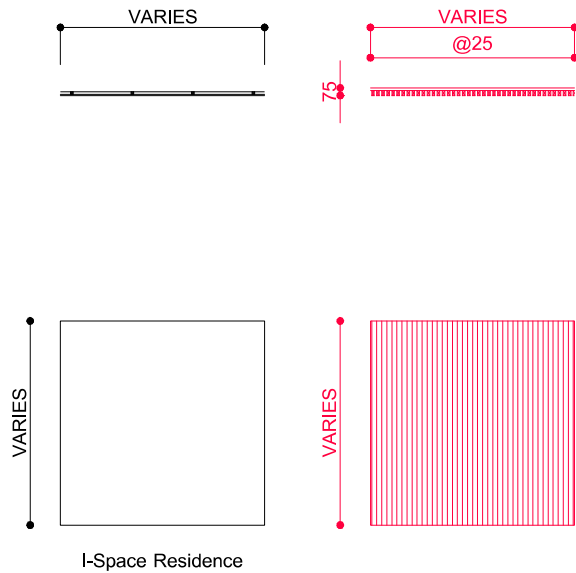


Boon Design Office

Boon Design

The office of Mr. Boonlert Hemvijitraphan was modified from container storage units. With simplicity and limited budget in mind, he chose simple elements, simple material and simple construction methods. Using wood battens as ceiling panels to hide the service area while also ventilates the whole building.

Standardization.



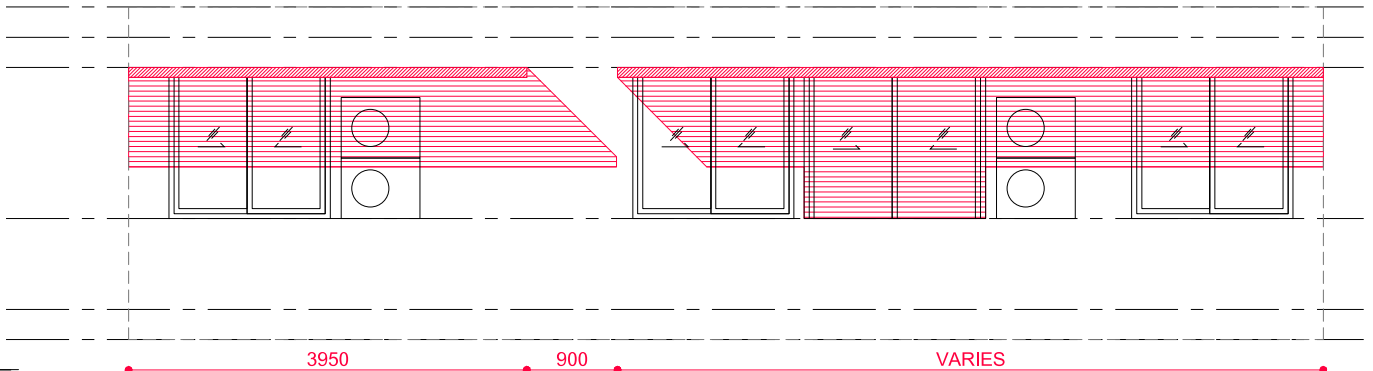
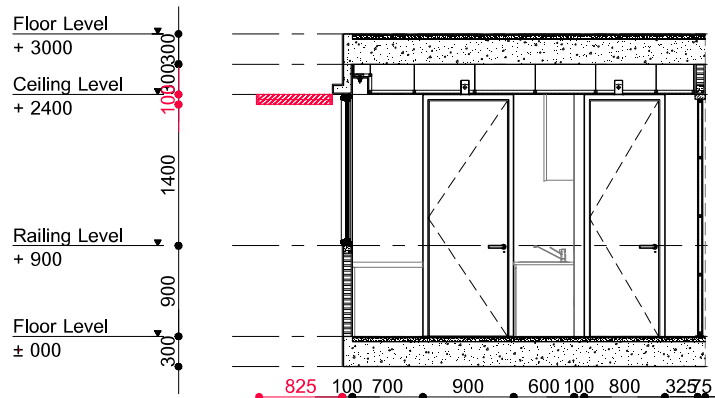
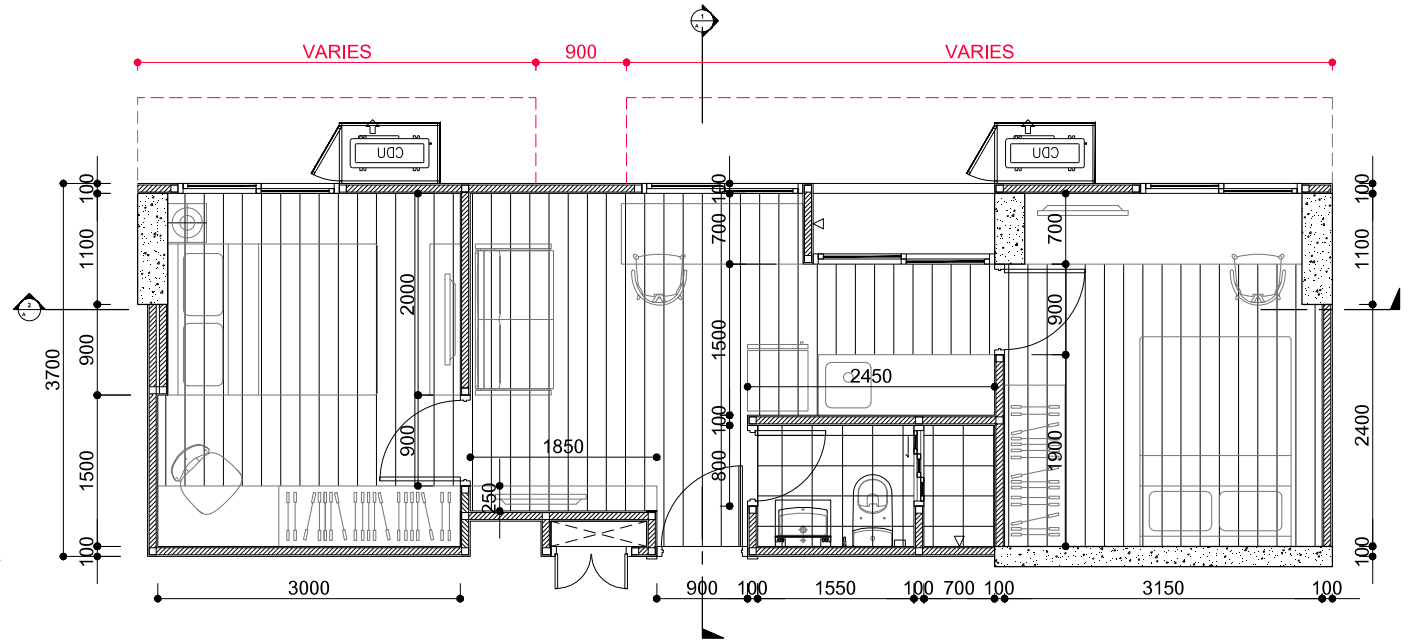
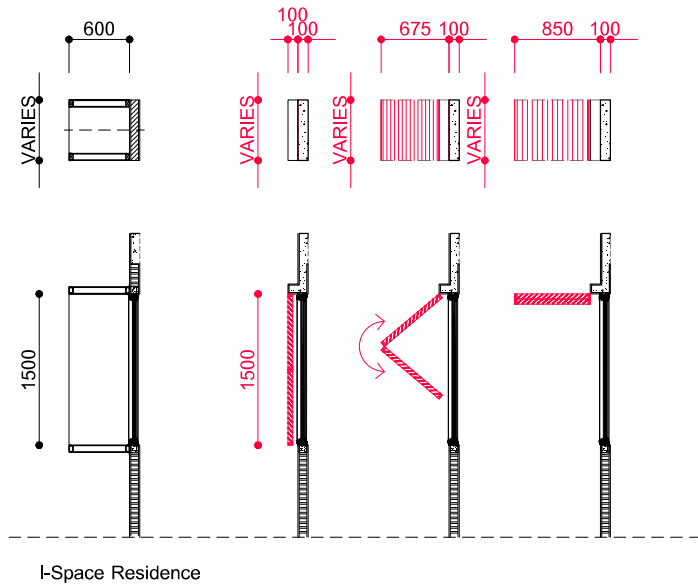


Martin No38

Kerry Hill

Kerry Hill specializes in designing hotels in tropical-Asia. Martin No38 locates in Singapore; it contains several design details that answer specifically to sunny/humid weather. The movable louvers panels are adaptable according to its suitable use, whether it's being railings, ventilation or shutters.

Standardization.



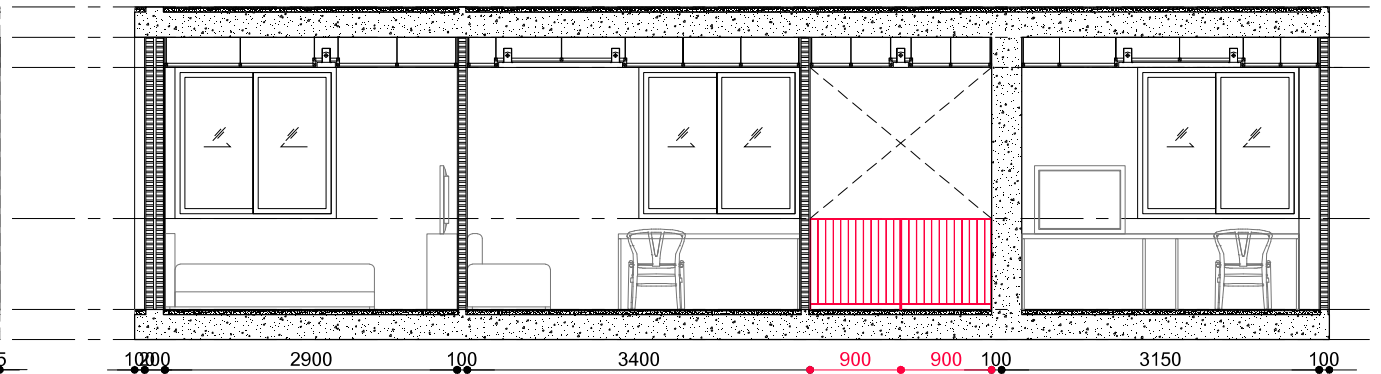
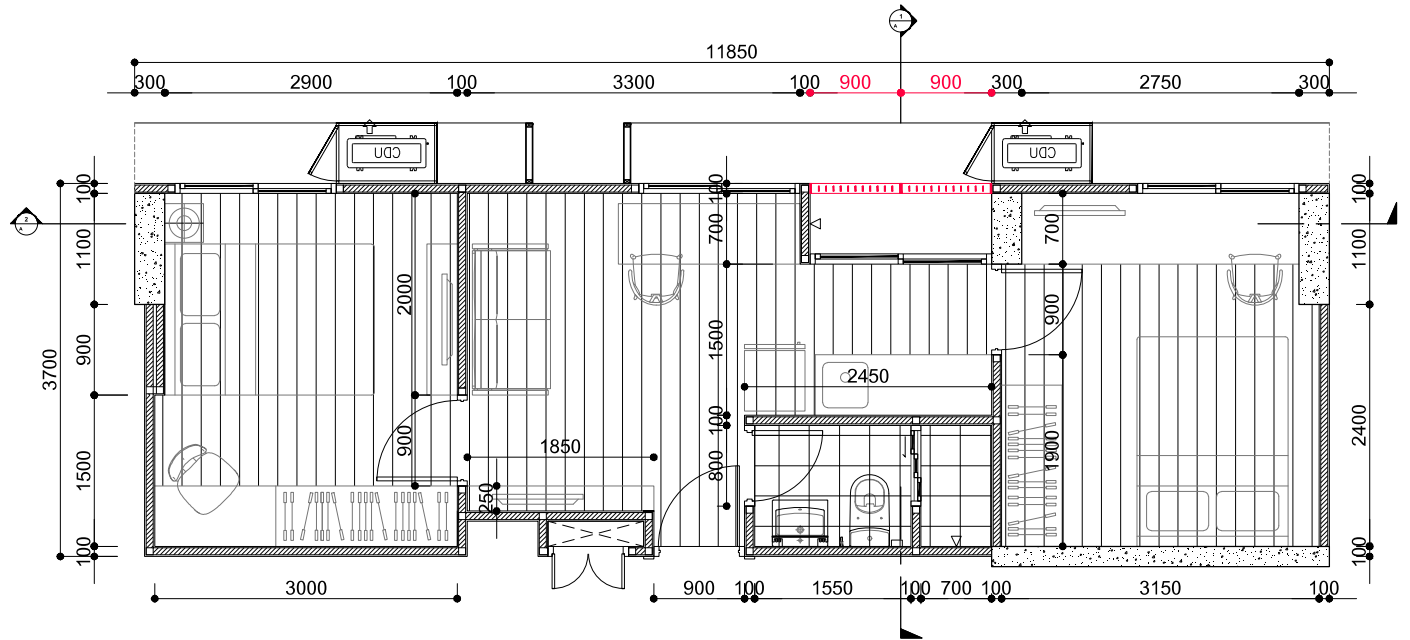
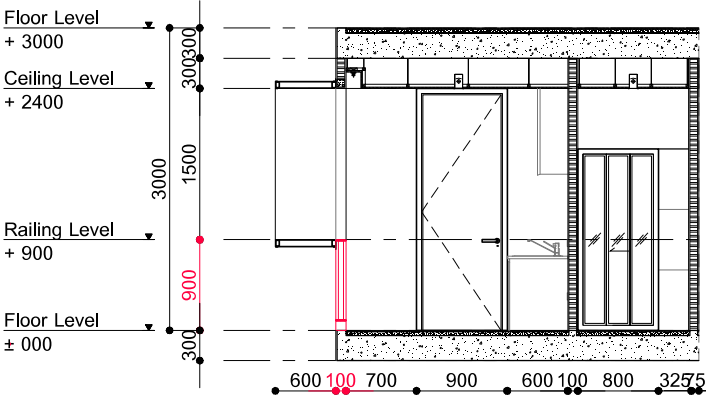
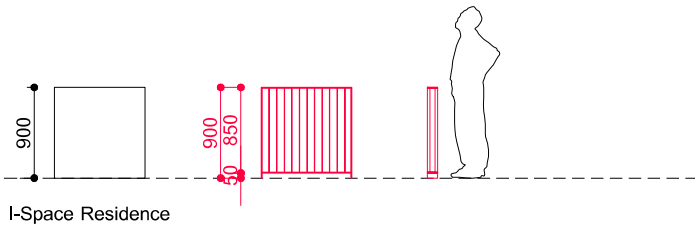
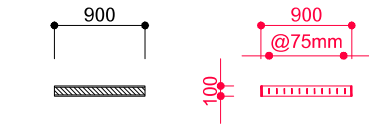


Trakantalerngsak Residence

East Architect

East architect aims to have every detail in every building answer to regional concerns and uniquely made for each owner. On the contrary to the most popular choice: the glass railings, they chose simple steel railings that answer to the modern trend while being easy to maintain and ventilate.

Standardization.



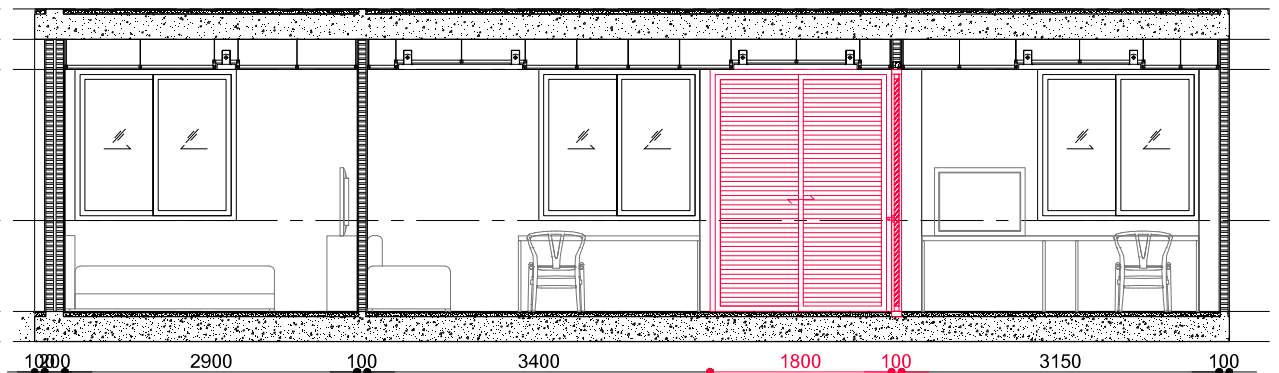
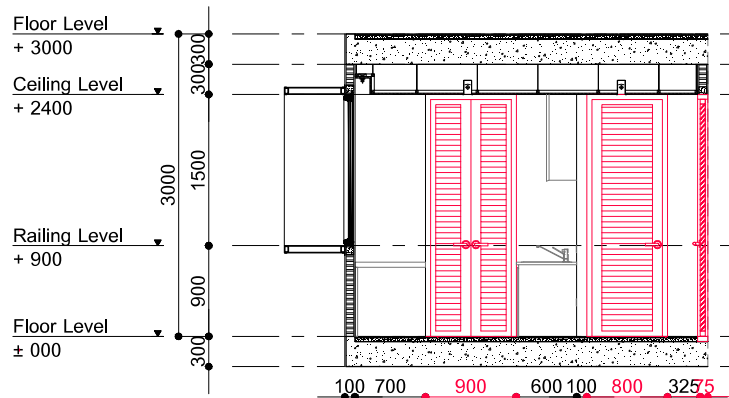
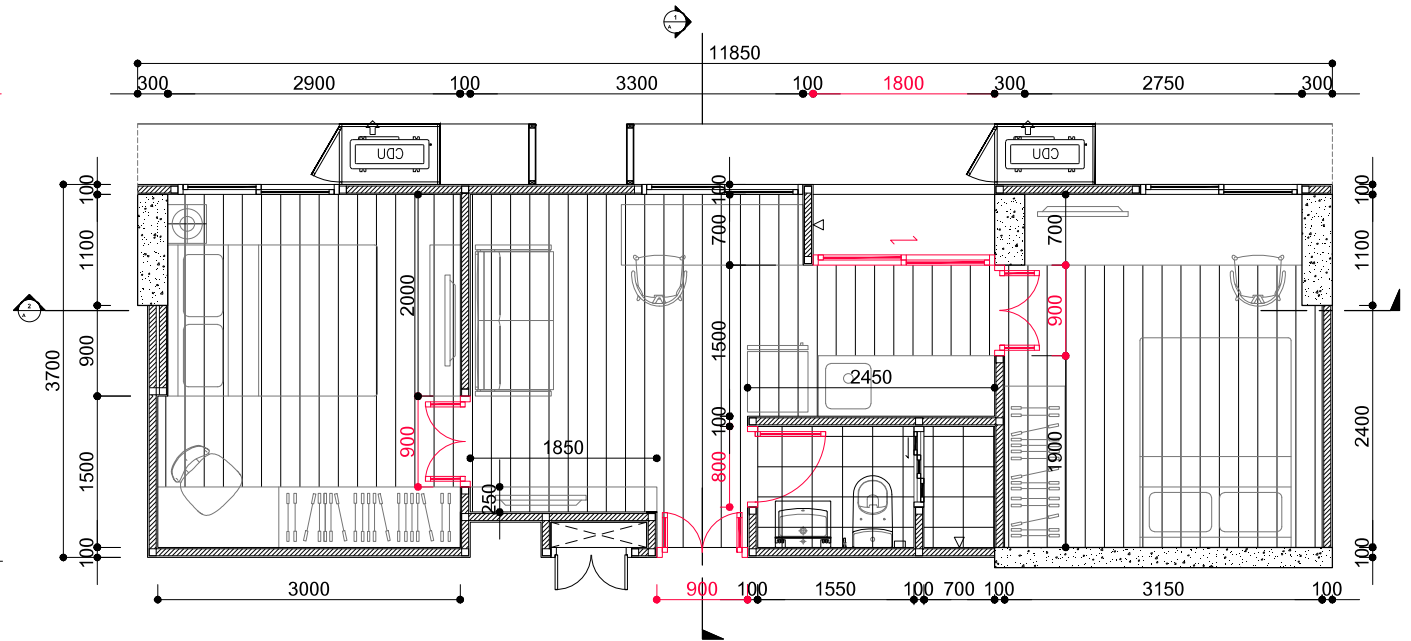
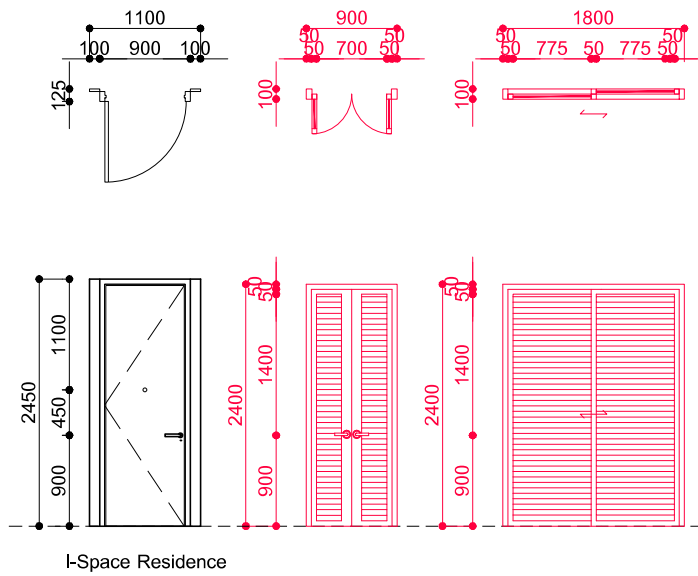


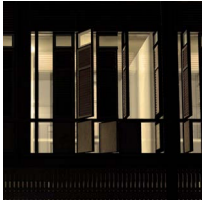
Vit's Residence

Boon Design

Although the size of the land is relatively small, the overall configuration of the house does not make its inhabitants feel so. The special designed doors blurring the relationship between interior and exterior space, ventilates the air while still keeping the public and the private spaces separated.

Standardization.



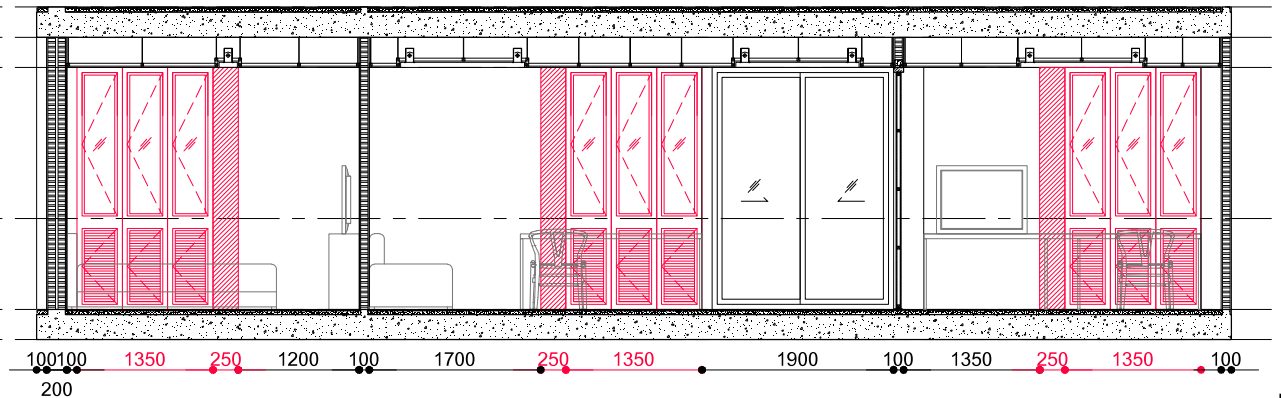
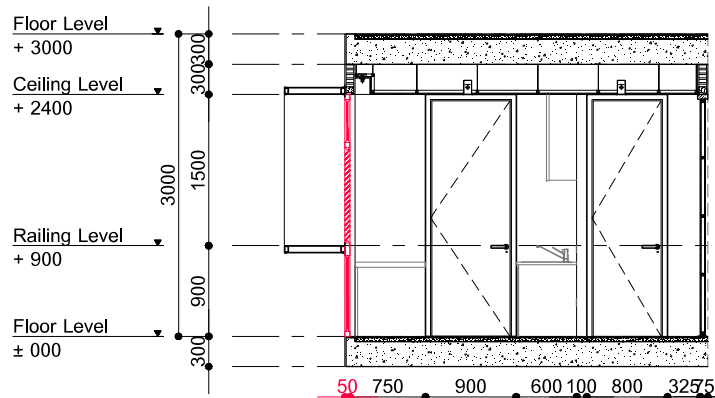
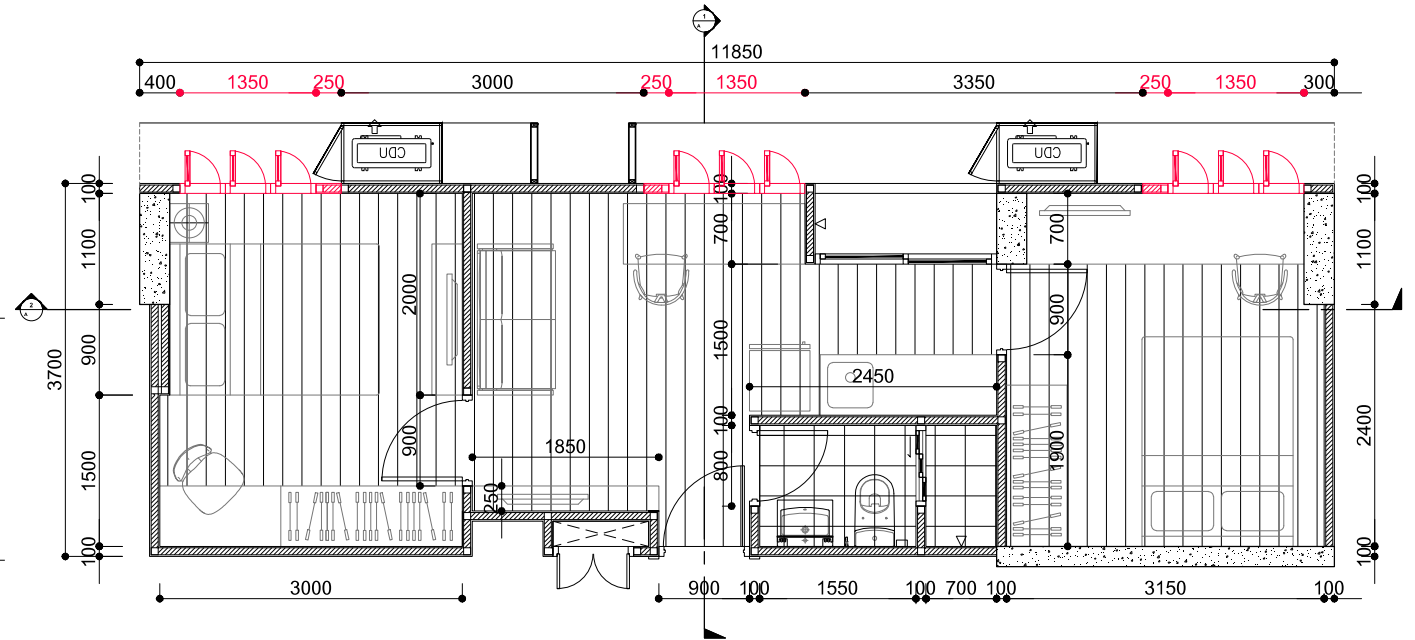
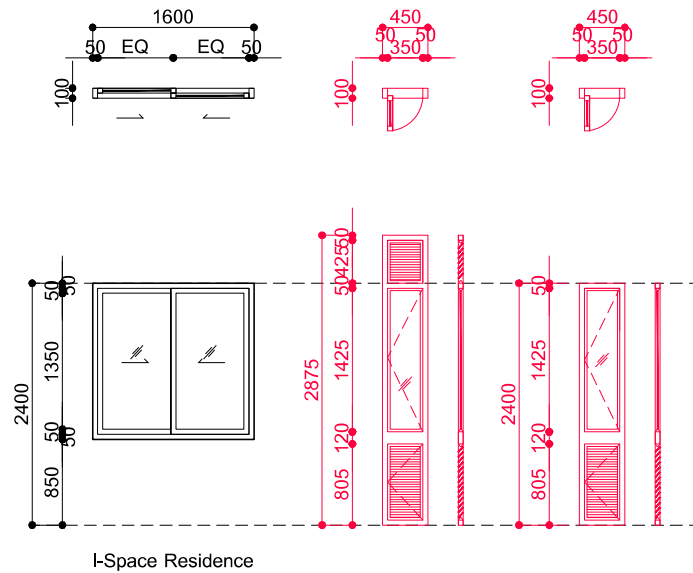


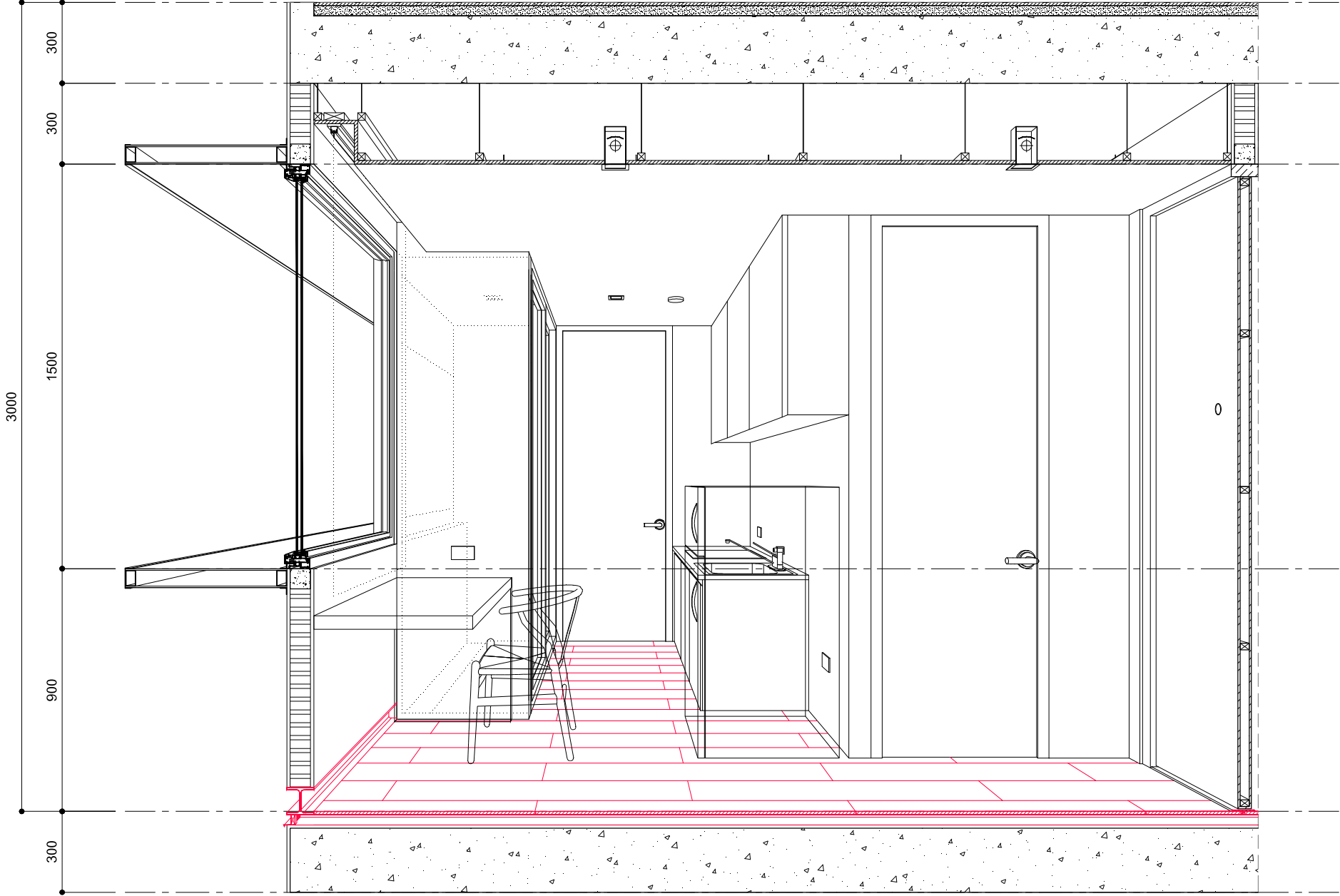
Hotel Chiangmai

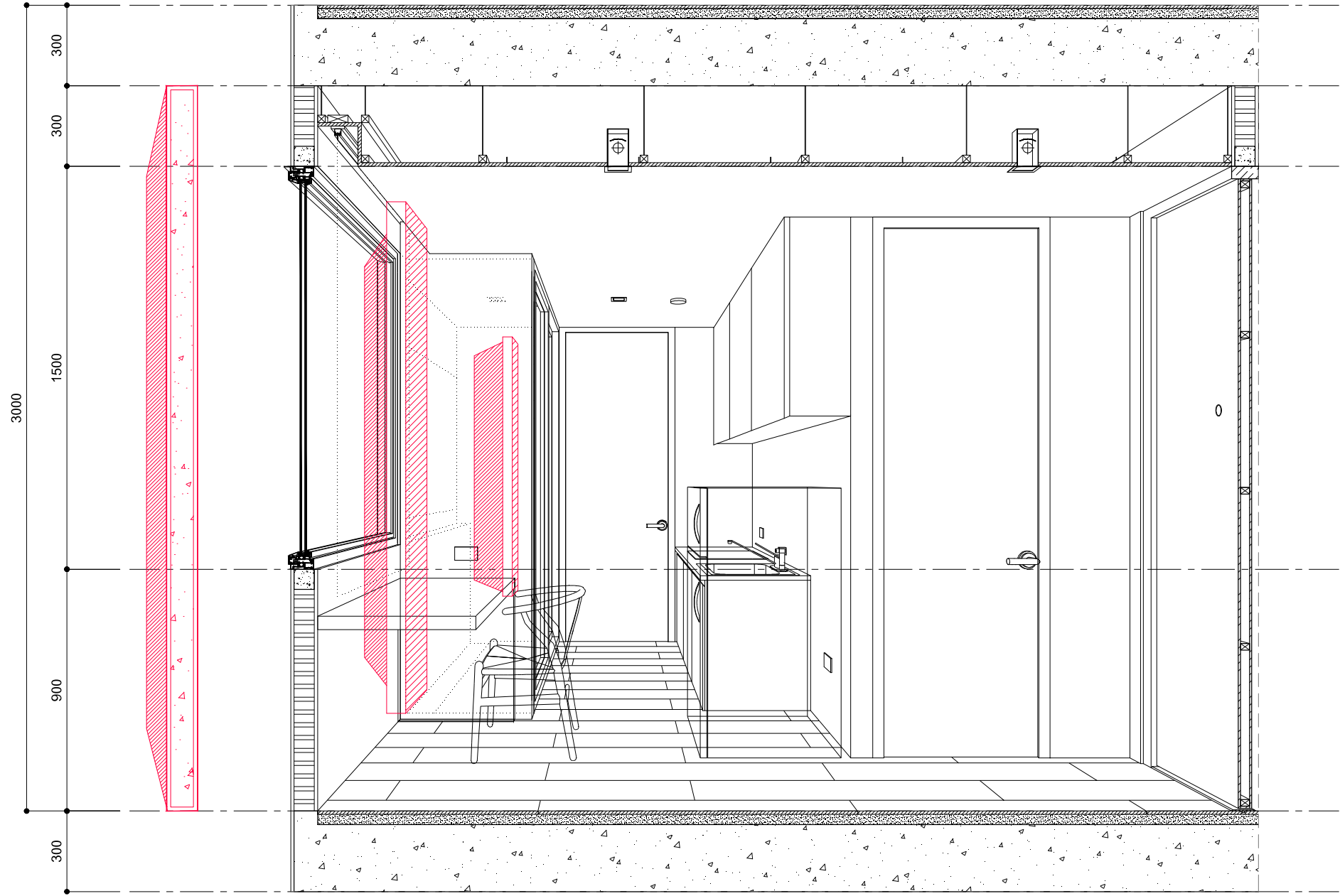
Department of Architecture

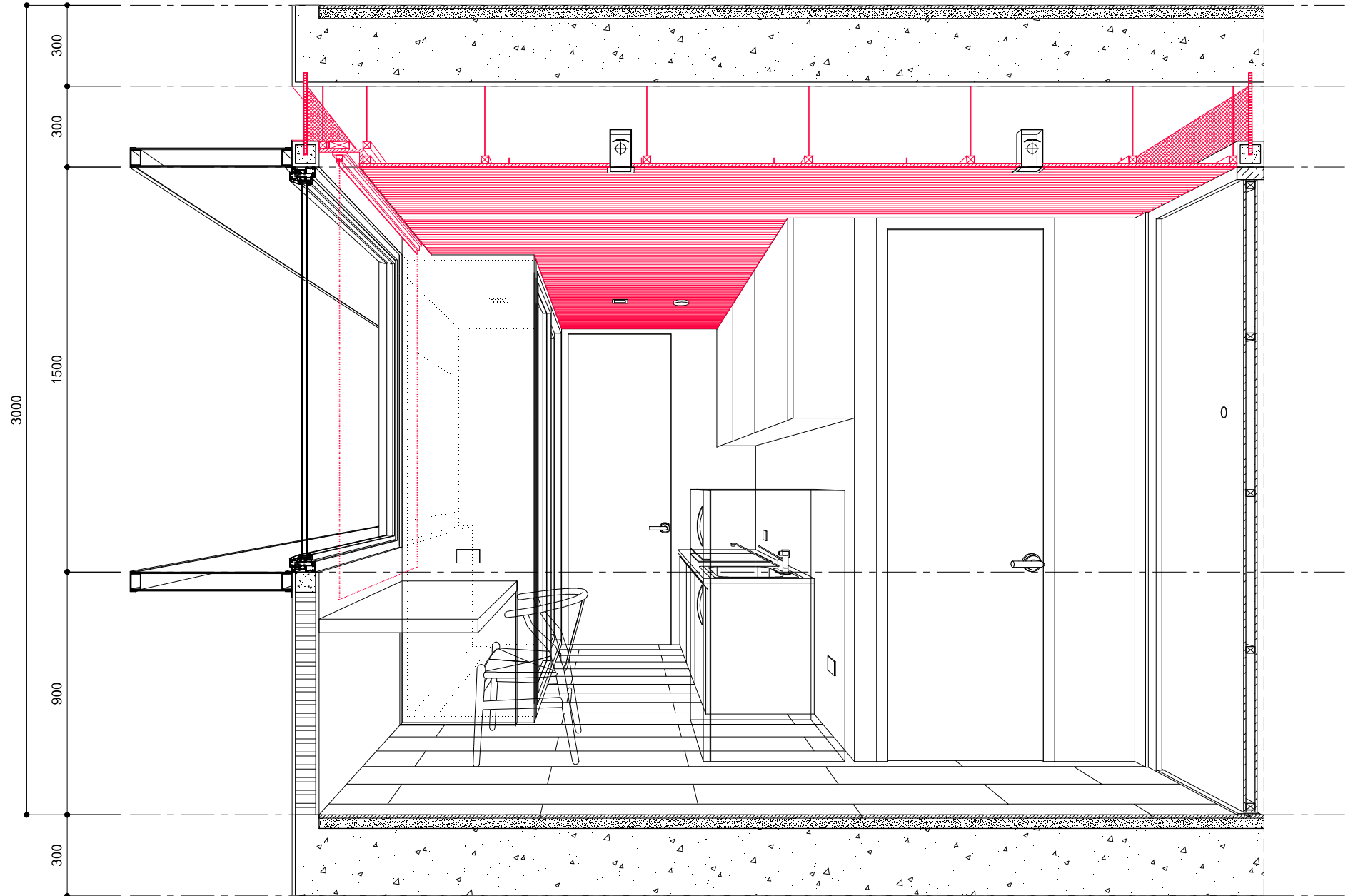
This hybrid window is a creation from Department of Architecture, a company that always designs their own details from aluminum profiles to ornaments on ceilings. This window serves both as ventilation and privacy screen. It can be adjusted according to different usage.

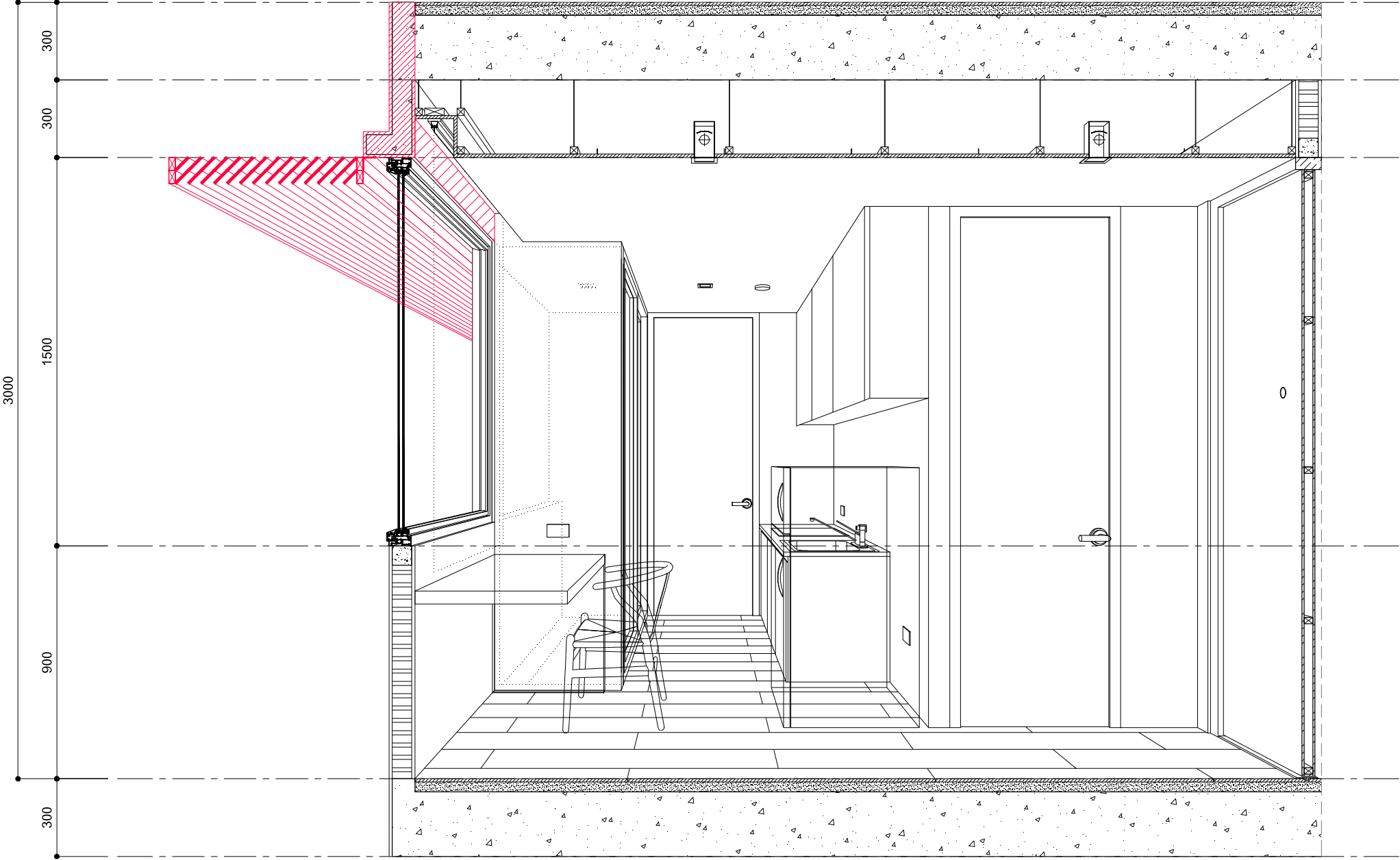
Standardization.

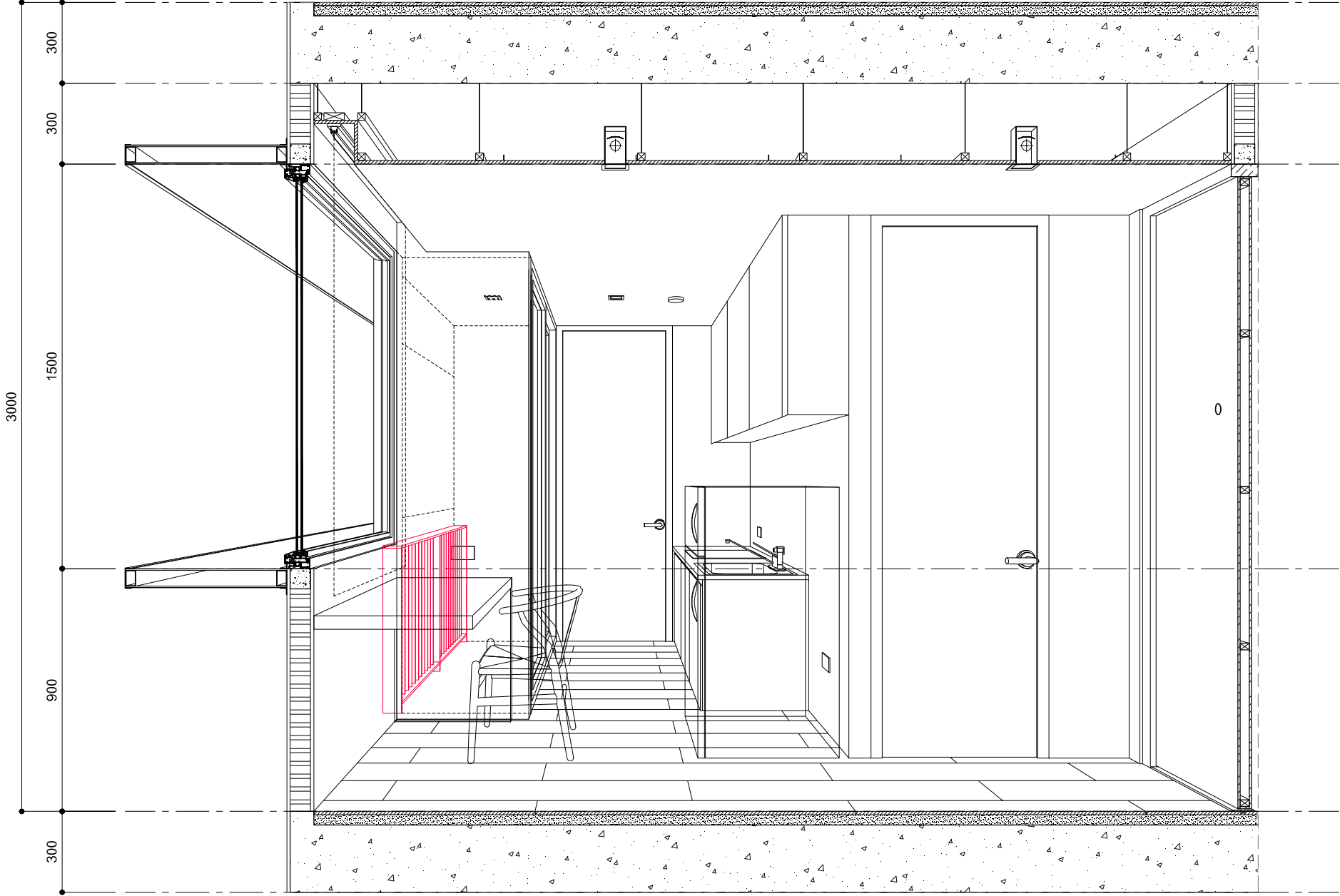


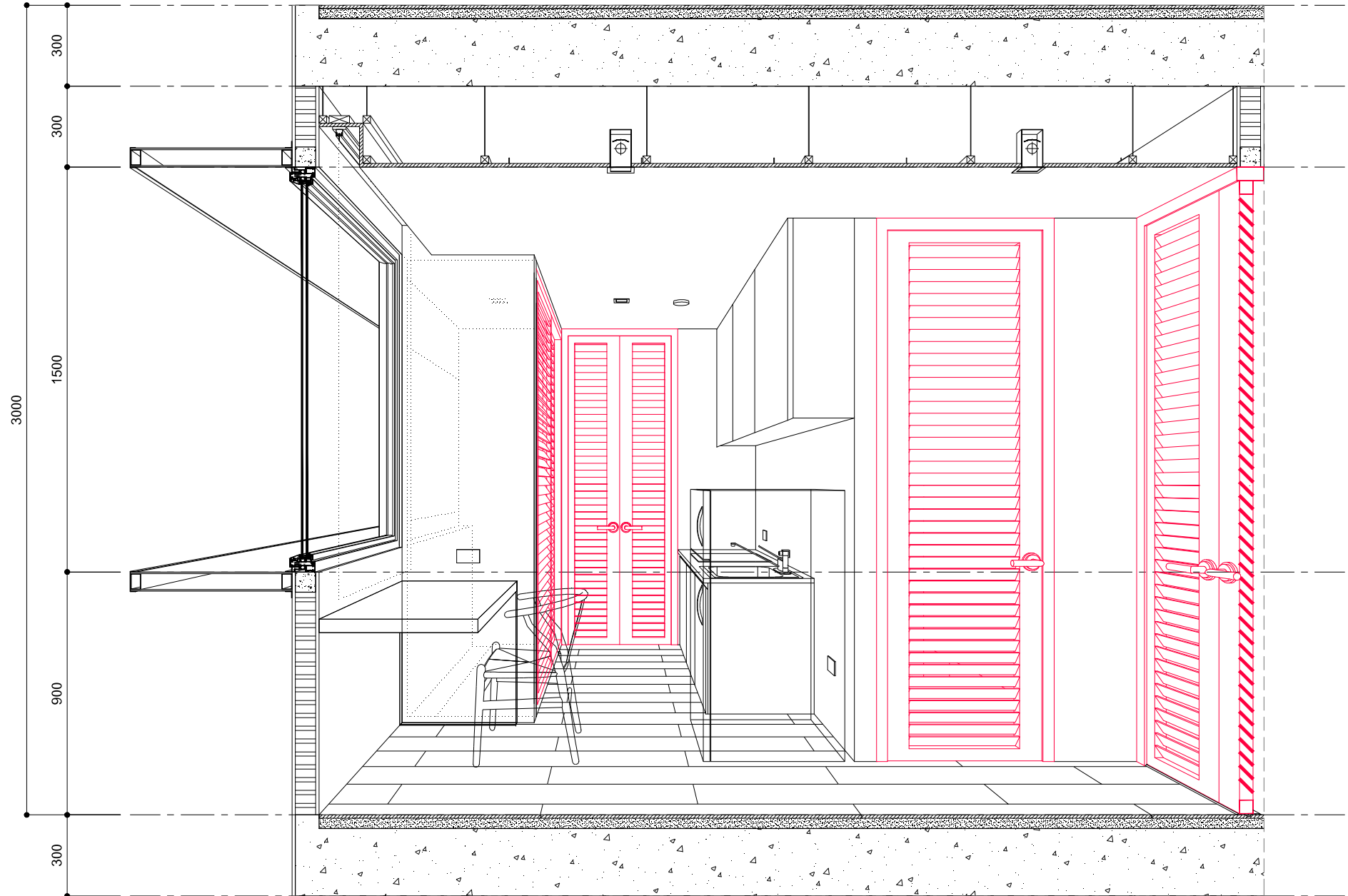


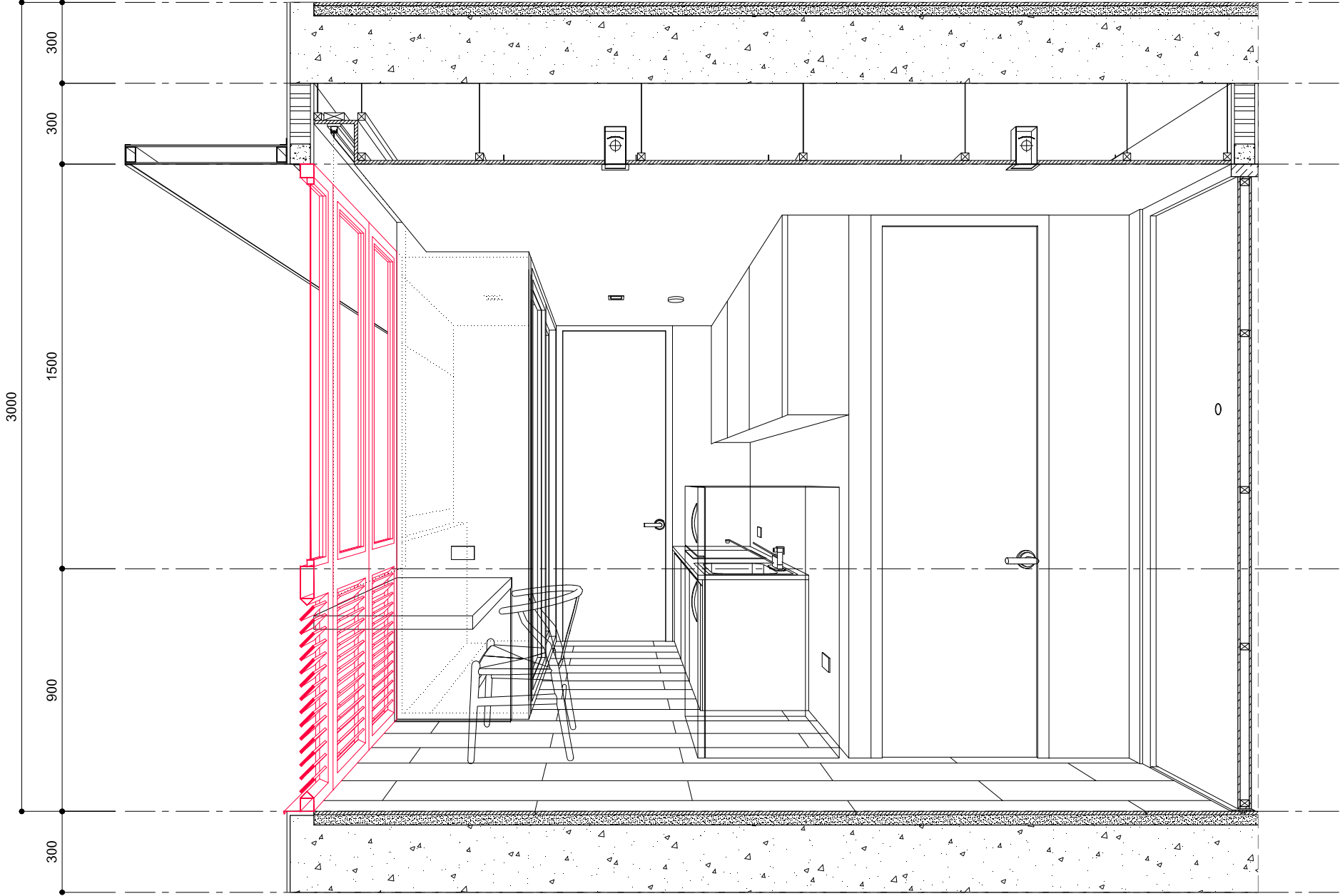












	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roofs	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	+34,165.62 €
5	Walls	149,901.16 € (14.8%)	
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,044,382.10 €
	Profit	101,021.65 €	104,438.21 €
	Overall before including VAT	1,111,238.13 €	1,148,820.31 €
	VAT	77,786.67 €	80,417.42 €
	Overall	1,189,024.80 €	1,229,237.73 €

	Focused Framework Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Floors	31,283.38 €	+34,165.62 €
2	Walls	170,062.25 €	
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	

	Floor Specifications	Units	Material	Labor	Estimate	Estimate
F1	Reinforce Concrete with leveling sand Polish finishes	574 Sq.m.	3.00 €	2.25 €	3,013.50 €	
F2	Reinforce Concrete with leveling sand Thai black granite 600x600mm 20mm thickness Water polished finishes	245.00 Sq.m.	2.50 €	5.00 €	1,837.50 €	
F3	Land leveling with Japanese grass	- Sq.m.	- €	- €	- €	
F4	Reinforce Concrete with leveling sand Porcelain tiles 300x300 mm Brand: Interhomecare Model: Catalina White Matt According to designed pattern	- Sq.m.	- €	- €	- €	
F5	Reinforce Concrete with leveling sand Porcelain tiles 600x600 and 300x300 mm Brand: Interhomecare Model: Catalina White Matt According to designed pattern	1,071.00 Sq.m.	2.50 €	4.12 €	7,095.38 €	
F6	Reinforce Concrete with leveling sand Laminated wooden floor Brand: My Floor Model: N868 Natural Walnut Diamond surface or equivalent	1,885.00 Sq.m.	2.12 €	2.50 €	10,603.13 €	
	Reinforce Concrete with metal frame structure Laminated wooden floor Brand: My Floor Model: N868 Natural Walnut Diamond surface or equivalent		17.50 €	6.25 €		44,768.75 €

	Floor Specifications	Units	Material	Labor	Estimate	Estimate
F7	Reinforce Concrete with leveling sand Apply waterproofing and tile with solar slab 300x300 mm	446.00 Sq.m.	7.37 €	4.00 €	5,073.25 €	
F8	Reinforce Concrete with leveling sand Apply waterproofing and cover with gray pebbles Ø25-50mm at 75-100 thickness	27.00 Sq.m.	10.00 €	2.50 €	337.50 €	
F9	Reinforce Concrete with leveling sand Polish finishes	227.00 Sq.m.	3.12 €	2.50 €	1,276.88 €	
F10	Reinforce Concrete slabs leveling sand Apply waterproofing	95.00 Sq.m.	10.00 €	3.75 €	1,306.25 €	
	Note: - F2 Granite by owner - F5 Tiles by owner - F6 Laminate by owner - F7 cancel waterproof paints and solar slabs * All tiles are subject to add 15% of the specified amount					
	Overall				31,283.38 €	65,449.00 €

+3.38%

	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	4,632.39 €
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	+463.45 €
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,016,434.98 €
	Profit	101,021.65 €	101,643.50 €
	Overall before including VAT	1,111,238.13 €	1,118,078.48 €
	VAT	77,786.67 €	78,265.49 €
	Overall	1,189,024.80 €	1,196,343.97 €

	Focused Framework Category	Cost Estimates (Euros)	Cost Shifts (Euros)
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	+5,095.84 €
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	

	Wall Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
P1	Masonry wall, plastered Enamel paint for exterior TOA 8260 (white matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P2	Masonry wall, plastered Spray texture Enamel paint for exterior TOA 8303 (gray matt) with PVC line 20x30 mm (calculate only paint job)	532.00 Sq.m.	3.00 €	1.25 €	2,261.00 €	
P3	Masonry wall, plastered Enamel paint for exterior TOA (black matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P4	Masonry wall, plastered Enamel paint for exterior TOA 8531 (cream matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P5	Masonry wall with mosaic tiles (by owner) Brand: Cotto Model: 06T-6110 Size: 25x75 mm with white grout	38.00 Sq.m.	4.00 €	4.50 €	323.00 €	
P6	Masonry wall with porcelain tiles (by owner) Brand: Interhomecare Model: Catalina White Matt Size: 600x600 mm according to designed pattern	1,264.00 Sq.m.	4.00 €	4.50 €	10,744.00 €	

	Wall Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
P7	Masonry wall, plastered Enamel paint for interior TOA 8260 (white matt) with PVC line 20x30 mm (calculate only paint job)	2,276.00 Sq.m.	1.00 €	0.62 €	3,687.12 €	
P8	Precast concrete shading fins Paint with Acrylic paint, match color with host walls	520.80 Sq.m.	5.00 €	7.50 €		6,510.00 €
	Half brick masonry wall	6,259.00 Sq.m. 6,197.00 Sq.m.	4.25 €	2.00 €	39,118.75 €	38,731.25 €
	Full brick masonry wall	233.00 Sq.m.	8.50 €	4.00 €	2,912.50 €	
	Concrete lintel 100x100 mm	8,564.00 m.	1.12 €	0.87 €	17,128.00 €	
	Concrete lintel 200x200 mm	570.00 m.	2.25 €	1.75 €	2,280.00 €	
	Plastered masonry for interior	9,652.00 Sq.m. 9,621.00 Sq.m.	1.87 €	2.12 €	38,608.00 €	38,387.79 €
	Plastered concrete for interior	940.00 Sq.m.	2.00 €	2.50 €	4,230.00 €	
	Plastered masonry for exterior	2,866.00 Sq.m. 2,835.00 Sq.m.	2.25 €	2.50 €	13,613.50 €	13,466.25 €
	Plastered concrete for exterior	423.00 Sq.m.	2.50 €	2.50 €	2,115.00 €	
	U-shape PVC groove 10mm	1,065.00 m.	0.37 €	2.50 €	931.88 €	
	PVC Angle Bracket	12,130.0 m.	0.37 €	5.00 €	10,613.75 €	
	Groove 10 mm	535.00 m.	0.00 €	5.00 €	200.63 €	
	Note: - All colors are subject to be 4-seasons category or equivalent * All tiles are subject to add 15% of the specified amount					
	Overall				149,901.16 €	154,533.55 €

+0.61%

	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	
6	Ceilings	35,261.00 € (2.3%)	+67,270.50 €
7	Doors and windows	76,564.68 € (11.1%)	
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,077,486.98 €
	Profit	101,021.65 €	107,748.70 €
	Overall before including VAT	1,111,238.13 €	1,185,235.68 €
	VAT	77,786.67 €	82,966.50 €
	Overall	1,189,024.80 €	1,268,202.18 €

	Focused Framework Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	
3	Ceilings	35,261.00 €	+67,270.50 €
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	

	Ceilings Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
C1	Reinforce Concrete slab Plastered Paint with TOA 8531	737.00 Sq.m.	2.00 €	2.00 €	2,948.00 €	
C2	Reinforce Concrete slab Plastered Paint with TOA 8260	58.00 Sq.m.	2.00 €	2.00 €	232.00 €	
C3	Gypsum board 9mm Normal type Metal frame, Plastered With maintenance access according to the design Artificial wood battens 25x25 mm every 25 mm Metal frame @600mm With maintenance access according to the design	2,500.00 Sq.m.	4.25 €	1.75 €	15,000.00 €	73,125.00 €
C4	Gypsum board 9mm Waterproof type Metal frame, Plastered With maintenance access according to the design Artificial wood battens 25x25 mm every 25 mm Metal frame @600mm With maintenance access according to the design	402.00 Sq.m.	4.75 €	1.75 €	2,613.00 €	11,758.50 €
C5	Polycarbonate sheet 4mm Aluminum frame Steel structure According to detail design	Sq.m.	- €	- €	- €	
C6	Reinforce Concrete slab Plastered Paint with TOA 8303	Sq.m.	- €	- €	- €	

	Ceilings Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
C7	Reinforce Concrete slab Polished	795.00 Sq.m.	1.62 €	1.62 €	2,575.80 €	
C8	Lower ceiling designed for W9 Size: 20x20 m	Sq.m.	- €	- €	- €	
	Note: All colors are subject to be 4-seasons category or equivalent					
	Overall				35,261.00 €	102,531.50 €

+6.65%

	<u>Project Overall Category</u>	<u>Cost Estimates (Euros)</u>	<u>Cost Shifts (Euros)</u>
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	+7,541.76 €
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,017,917.62 €
	Profit	101,021.65 €	101,791.76 €
	Overall before including VAT	1,111,238.13 €	1,119,709.38 €
	VAT	77,786.67 €	78,379.66 €
	Overall	1,189,024.80 €	1,198,089.04 €

	<u>Focused Framework</u> <u>Category</u>	<u>Cost Estimates</u> <u>(Euros)</u>	<u>Cost Shifts</u> <u>(Euros)</u>
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	+7,541.76 €
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	

	Others Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
1	Trees (Ivory Coast)	Unit	- €	- €	- €	
2	Building logo #1	Unit	- €	- €	- €	
3	Building logo #2	Unit	- €	- €	- €	
4	Fence	Unit	- €	- €	- €	
5	Mail box	Unit	- €	- €	- €	
6	Man hole cover	Unit	- €	- €	- €	
7	Parking space paints	17 Set	10,00 €	2,87 €	218,79 €	
8	Site drainage - RC Pipe Ø300 mm - RC Pipe Ø400 mm - RC Manhole Size 900x900 mm	58 m 85 m 17 Set	14,37 € 17,25 € 130,042,50 €	5,75 € 8,75 € 2,50 €	1,166,96 € 2,210,00 € 2,932,50 €	
9	Parking space paints	17 Set	8,75 €	4,50 €	225,25 €	
10	Aluminium composite sheet with aluminium frame Size: H1600 x D600 mm L according to detail A9.01 Movable aluminum louvers, I-profile with aluminum frame 25x50 mm Width: 600 mm Height: according to prior shadings design	942,72 Sq.m.	21,25 € 26,00 €	€ 3,25 €	20,032,80 €	27,574,50 €

	Others Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
	Overall				26,786.30 €	34,487.40 €

+0.76%

	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	-7,329.86 €
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	-407.22 €
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	+2,041.20 €
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,004,520.60 €
	Profit	101,021.65 €	100,452.06 €
	Overall before including VAT	1,111,238.13 €	1,104,972.66 €
	VAT	77,786.67 €	77,348.09 €
	Overall	1,189,024.80 €	1,182,320.75 €

	Focused Framework Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	-7,737.08 €
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	+612.36 €
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	

	Wall Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
P1	Masonry wall, plastered Enamel paint for exterior TOA 8260 (white matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P2	Masonry wall, plastered Spray texture Enamel paint for exterior TOA 8303 (gray matt) with PVC line 20x30 mm (calculate only paint job)	532.00 Sq.m.	3.00 €	1.25 €	2,261.00 €	
P3	Masonry wall, plastered Enamel paint for exterior TOA (black matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P4	Masonry wall, plastered Enamel paint for exterior TOA 8531 (cream matt) with PVC line 20x30 mm (calculate only paint job)	- Sq.m.	- €	- €	- €	
P5	Masonry wall with mosaic tiles (by owner) Brand: Cotto Model: 06T-6110 Size: 25x75 mm with white grout	38.00 Sq.m.	4.00 €	4.50 €	323.00 €	
P6	Masonry wall with porcelain tiles (by owner) Brand: Interhomecare Model: Catalina White Matt Size: 600x600 mm according to designed pattern	1,264.00 Sq.m.	4.00 €	4.50 €	10,744.00 €	

	Wall Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
P7	Masonry wall, plastered Enamel paint for interior TOA 8260 (white matt) with PVC line 20x30 mm (calculate only paint job)	2,276.00 Sq.m.	1.00 €	0.62 €	3,687.12 €	
	Half brick masonry wall	6,259.00 Sq.m. 6,156.94 Sq.m.	4.25 €	2.00 €	39,118.75 €	38,480.87 €
	Full brick masonry wall	233.00 Sq.m.	8.50 €	4.00 €	2,912.50 €	
	Concrete lintel 100x100 mm	8,564.00 m.	1.12 €	0.87 €	17,128.00 €	
	Concrete lintel 200x200 mm	570.00 m.	2.25 €	1.75 €	2,280.00 €	
	Plastered masonry for interior	9,652.00 Sq.m. 9,601.00 Sq.m.	1.87 €	2.12 €	38,608.00 €	38,307.99 €
	Plastered concrete for interior	940.00 Sq.m.	2.00 €	2.50 €	4,230.00 €	
	Plastered masonry for exterior	2,866.00 Sq.m. 2,815.00 Sq.m.	2.25 €	2.50 €	13,613.50 €	13,371.25 €
	Plastered concrete for exterior	423.00 Sq.m.	2.50 €	2.50 €	2,115.00 €	
	U-shape PVC groove 10mm	1,065.00 m.	0.37 €	2.50 €	931.88 €	
	PVC Angle Bracket	12,130.0 m.	0.37 €	5.00 €	10,613.75 €	
	Groove 10 mm	535.00 m.	0.00 €	5.00 €	200.63 €	
	Note: - All colors are subject to be 4-seasons category or equivalent * All tiles are subject to add 15% of the specified amount					
P8	Steel railings Steel plate 4mm thickness @75 mm	102.06 Sq.m.	20.00 €			2,041.20 €
	Overall				149,901.16 €	149,639.57 €

-0.57%

	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	+7,161.50 €
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,017,377.98 €
	Profit	101,021.65 €	101,737.80 €
	Overall before including VAT	1,111,238.13 €	1,119,115.78 €
	VAT	77,786.67 €	78,338.10 €
	Overall	1,189,024.80 €	1,197,453.88 €

	Focused Framework Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	+7,161.50 €
7	Windows	35,429.18 €	

	Doors Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
D1	D1 / Group A D1 with louvres / Group A	71 Unit	55.75 €	20.00 €	5378.25 €	7,614.75 €
D2	D2 / Group B	23 Unit	- €	20.00 €	460 €	
D3	D3 / Group B D3 with louvres / Group B	87 Unit	50.75 €	20.00 €	6,155.25 €	8,712.75 €
D4	D4 / Group A	33 Unit	215.00 €	30.00 €	8,162.00 €	
D5	D5 / Group C D5 with louvres / Group C	74 Unit	58.00 €	20.00 €	5,772.00 €	8,140.00 €
D6	D6	- Unit	- €	- €	- €	
D7	D7 / Group D	33 Unit	- €	20.00 €	660.00 €	
D8	D8	8 Unit	517.50 €	20.00 €	4,300.00 €	
D9	D9	41 Unit	230.00 €	20.00 €	10,250.00 €	
D10	D10	5 Unit	- €	20.00 €	100.00 €	
D11	D11 / Group D	36 Unit	- €	20.00 €	720.00 €	
D12	D12 / Group B	1 Unit	- €	20.00 €	20.00 €	
D13	D13	- Unit	- €	- €	- €	

	Doors Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
D14	D14 / Group B	3 Unit	- €	20.00 €	60.00 €	
	Group A / By Owner - Stainless steel hinges with ball bearings 3"x4" Brand: NSK or equivalent - Lever by Kruker ML 2010SS Mortise Lock - Viewer Imota 995SS					
	Group B / By Owner - Stainless steel hinges with ball bearings 3"x4" Brand: NSK or equivalent - Knob by Hefele 911.64.215					
	Group C / By Owner - Stainless steel hinges with ball bearings 3"x4" Brand: NSK or equivalent - Knob by Hefele 911.62.219					
	Group D / By Owner - Stainless steel hinges with ball bearings 3"x4" Brand: NSK or equivalent - Engineer Key by NRH					
	Overall				41,135.50 €	48,297.00 €

+0.70%

	Project Overall Category	Cost Estimates (Euroes)	Cost Shifts (Euroes)
1	Groundwork	59,864.96 € (5.9%)	
2	Structural systems	345,196.86 € (34.2%)	
3	Roof	262.50 € (0.1%)	
4	Floors	31,283.38 € (3.0%)	
5	Walls	149,901.16 € (14.8%)	
6	Ceilings	35,261.00 € (2.3%)	
7	Doors and windows	76,564.68 € (11.1%)	+10,106.00 €
8	Stairs	10,564.75 € (1.0%)	
9	Paint works	20,161.09 € (2.0%)	
10	Sanitary accessories	3,238.00 € (0.3%)	
11	Others	26,786.30 € (2.7%)	
12	Electrical and communications systems	131,250.00 € (13.0%)	
13	Sanitary systems	65,000.00 € (6.4%)	
14	Ventilation and air conditioning systems.	3,167.50 € (0.3%)	
15	Elevator systems	28,750.00 € (2.8%)	
	Overall material costs and labor fees.	1,010,216.48 €	1,020,322.48 €
	Profit	101,021.65 €	102,032.25 €
	Overall before including VAT	1,111,238.13 €	1,122,354.73 €
	VAT	77,786.67 €	78,564.83 €
	Overall	1,189,024.80 €	1,200,919.56 €

	Focused Framework Category	Cost Estimates (Euros)	Cost Shifts (Euros)
1	Floors	31,283.38 €	
2	Walls	170,062.25 €	
3	Ceilings	35,261.00 €	
4	Shadings	20,032.80 €	
5	Railings	1,428.84 €	
6	Doors	41,135.50 €	
7	Windows	35,429.18 €	+10,106.00 €

	Windows Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
W1	Double sliding aluminum frames	155 Unit	122.5 €	15.00 €	21,312.50 €	
	Single open / fixed grills aluminum frames		187.7 €	15.00 €		31,418.50 €
W2	Double open / fix aluminum frames	33 Unit	78.75 €	8.75 €	2,887.50 €	
W3	Single open aluminum frames	6 Unit	104.3 €	11.25 €	693.75 €	
W4	Fixed Steel fittings	1 Unit	382.5 €	37.50 €	420.00 €	
W5	Fixed aluminum frames	1 Unit	170.0 €	18.75 €	188.75 €	
W6	Fixed aluminum frames	3 Unit	95.50 €	9.50 €	315.00 €	
W7	Fixed Steel fittings	2 Unit	147.7 €	14.75 €	325.00 €	
W8	Aluminum grills	- Unit	- €	- €	- €	
W9	Fixed aluminum frames	12 Unit	287.2 €	242.5 €	2,530.42 €	
W10	Fixed Steel fittings	13 Unit	17.7 €	32.50 €	350.25 €	
W11	Fixed / open aluminum frames	2 Unit	233.7 €	23.75 €	515.00 €	
W12	Fixed aluminum frames	6 Unit	151.2 €	17.50 €	1,012.5 €	
W13	Fixed aluminum frames	1 Unit	77.12 €	8.50 €	85.62 €	
W14	Fixed / open aluminum frames	5 Unit	174.6 €	18.75 €	966.87 €	

	Windows Specifications	Units	Mat- erial	La- bor	Estimate	Estimate
W15	Fixed / open aluminum frames	7 Unit	209.1 €	25.00 €	1,638.87 €	
W16	Fixed aluminum frames	1 Unit	56.87 €	6.00 €	62.87 €	
W17	Aluminum grills	- Unit	- €	- €	- €	
W18	Fixed / open aluminum frames	1 Unit	989.1 €	100.0 €	1,089.12 €	
W19	Fixed / open aluminum frames	1 Unit	429.2 €	242.50 €	471.75 €	
W20	Fixed aluminum frames	2 Unit	59.37 €	6.50 €	131.75 €	
W21	Fixed Steel fittings	1 Unit	95.25 €	9.50 €	104.75 €	
W22	Fixed aluminum frames	1 Unit	158.7 €	17.50 €	176.25 €	
W23	Fixed aluminum frames	1 Unit	135.6 €	15.00 €	150.62 €	
	Overall				35,429.18 €	45,535.18 €

+1.00%