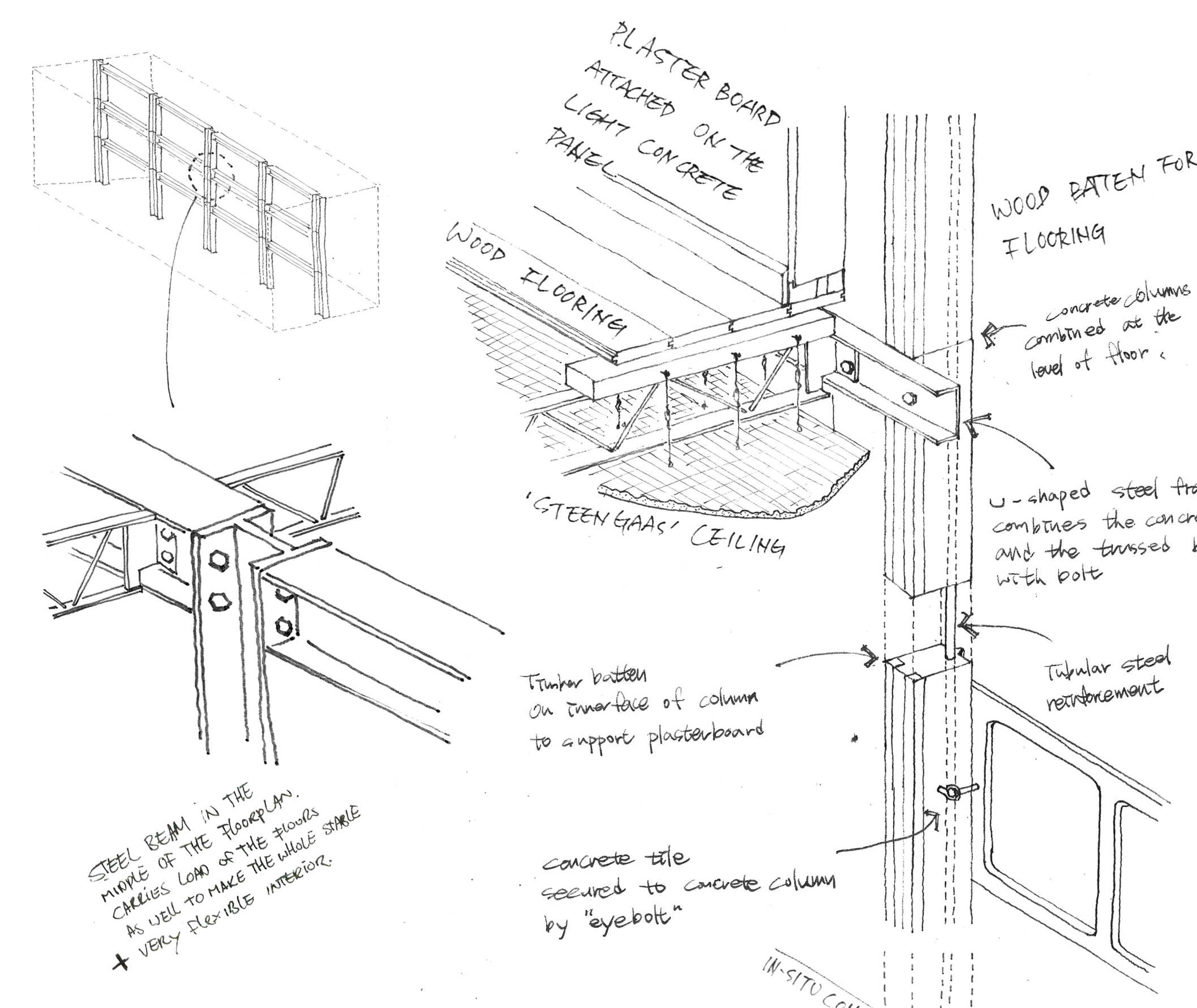
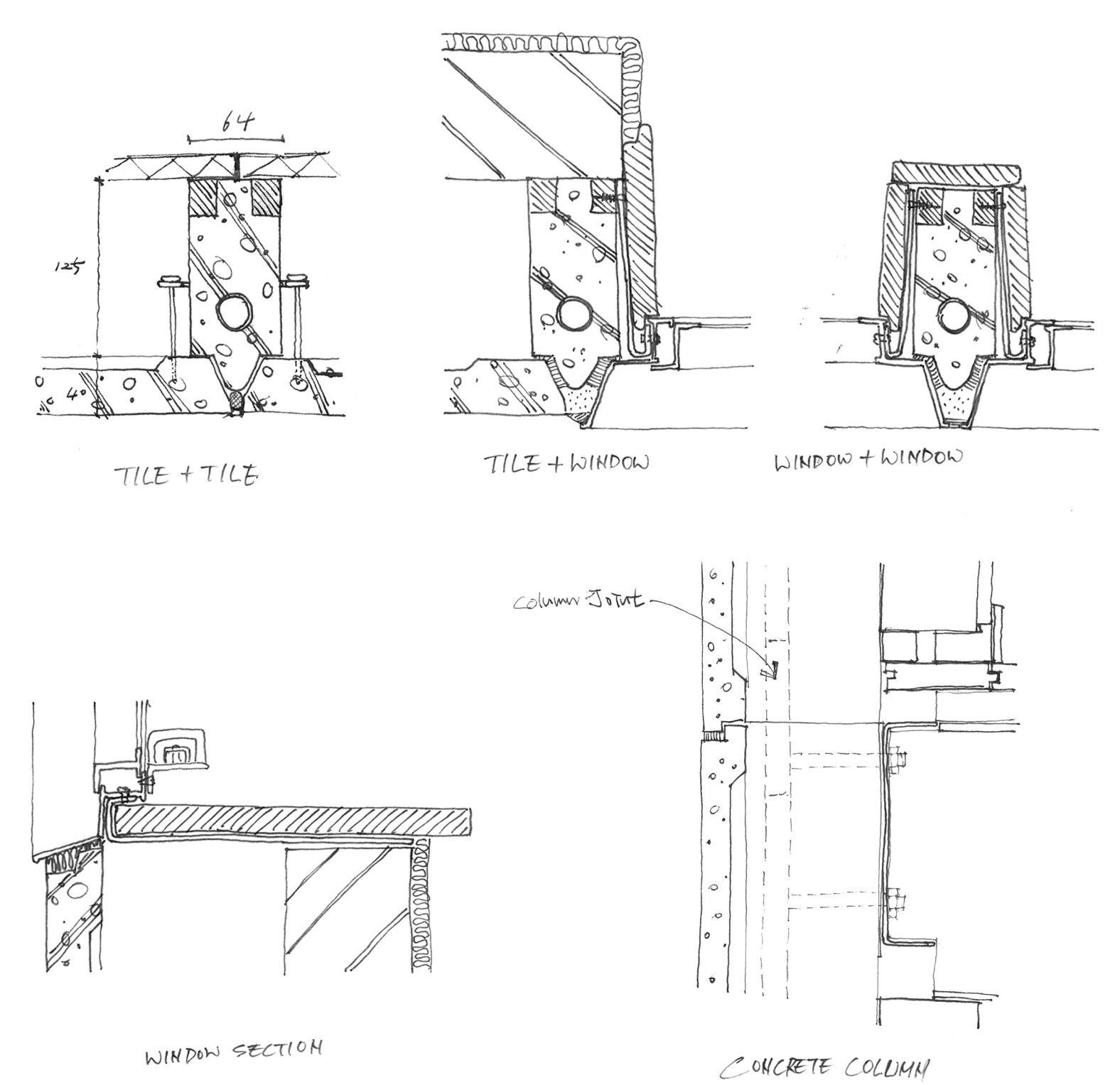
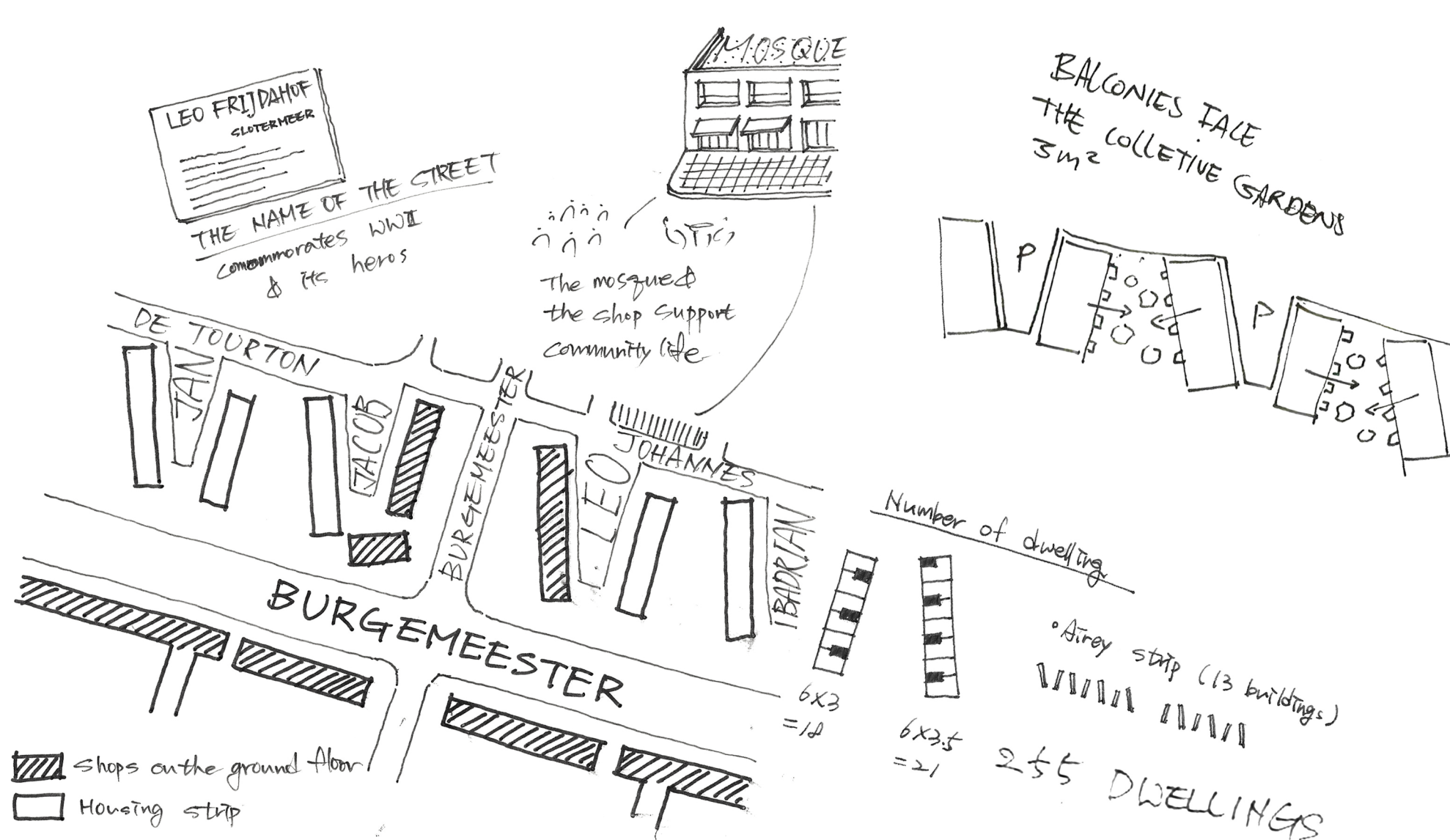
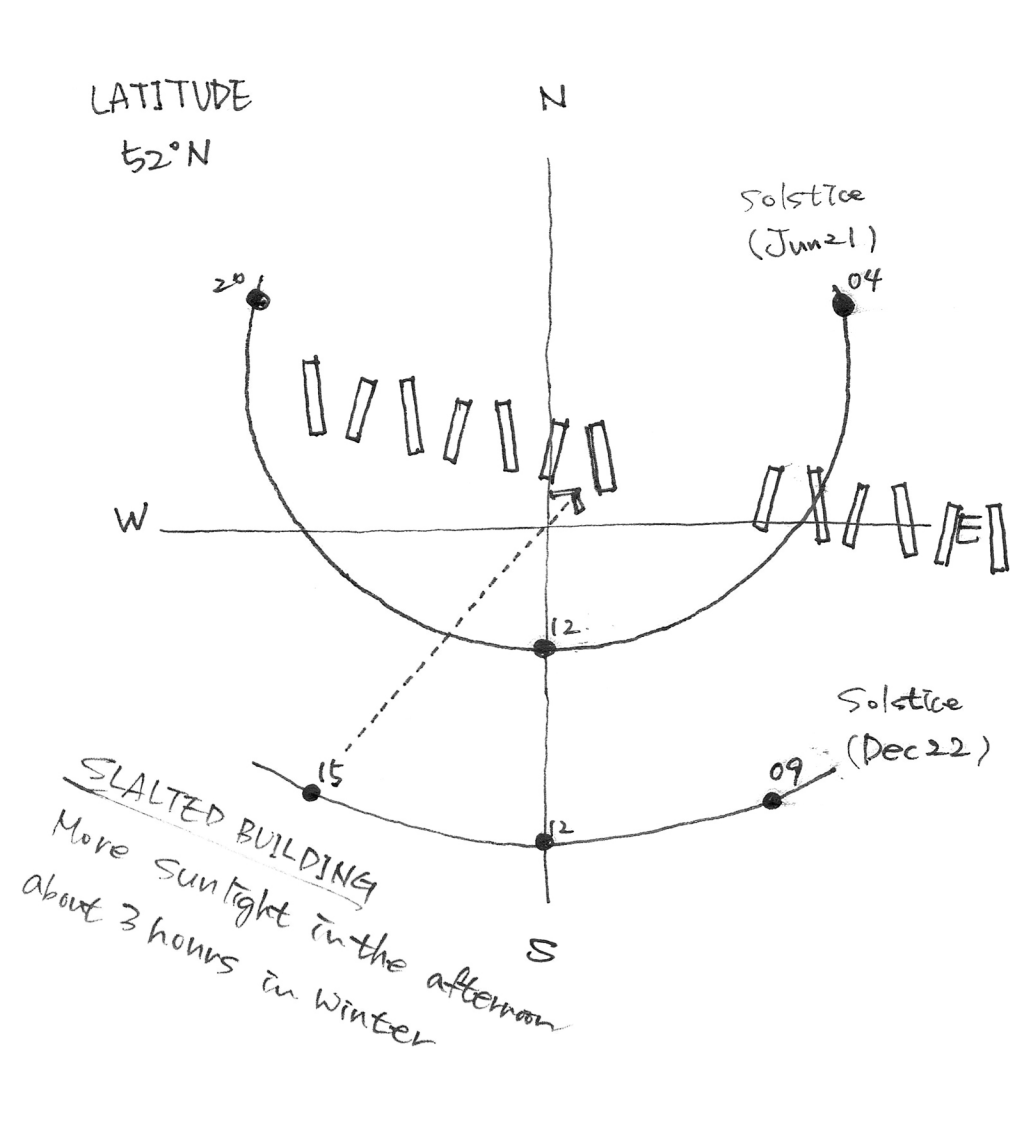




AIRERY ELEMENTS		DIMENSION	STRIP-1	STRIP-2
SUPPORTIVE STRUCTURE	STEEL COLUMN	100 X 100	13 ea (2m each)	15 ea (2m each)
	STEEL BEAM	100 X 120	26 ea (2m each)	42 ea (2m each)
	CONCRETE COLUMN	125 X 65	1251 m (2m max. each)	1423.25 m (2m max. each)
MAIN STRUCTURE	TRUSSED BEAM	253 X 30	234 ea (4.5m each)	273 ea (4.5m each)
	STEEL FRAME	45 X 200	305 m	393.75 m
	CONCRETE TILE	375 X 625 X 60	2674 ea	3059 ea
SKIN ELEMENTS	BOLTS		2 ea / tile to average	

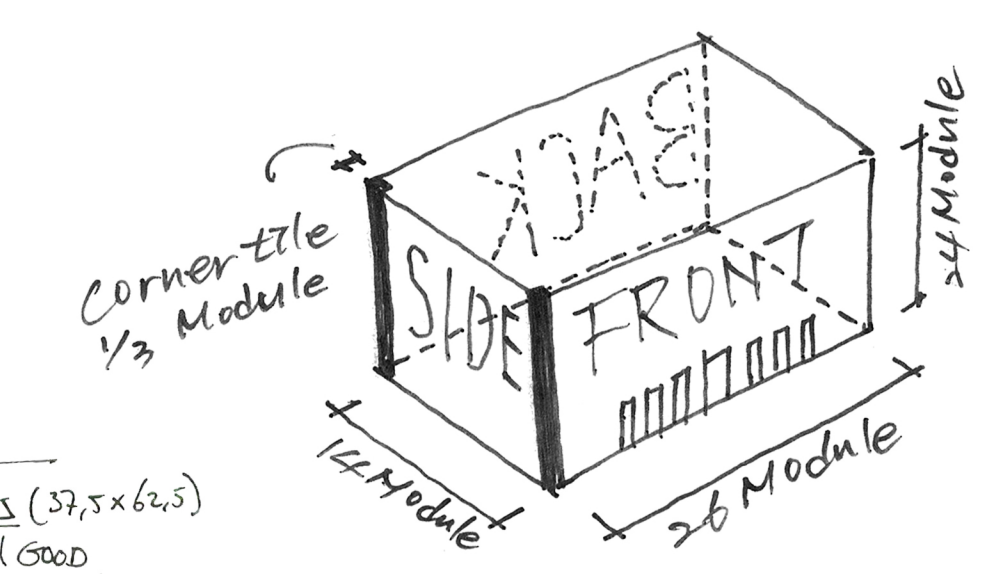
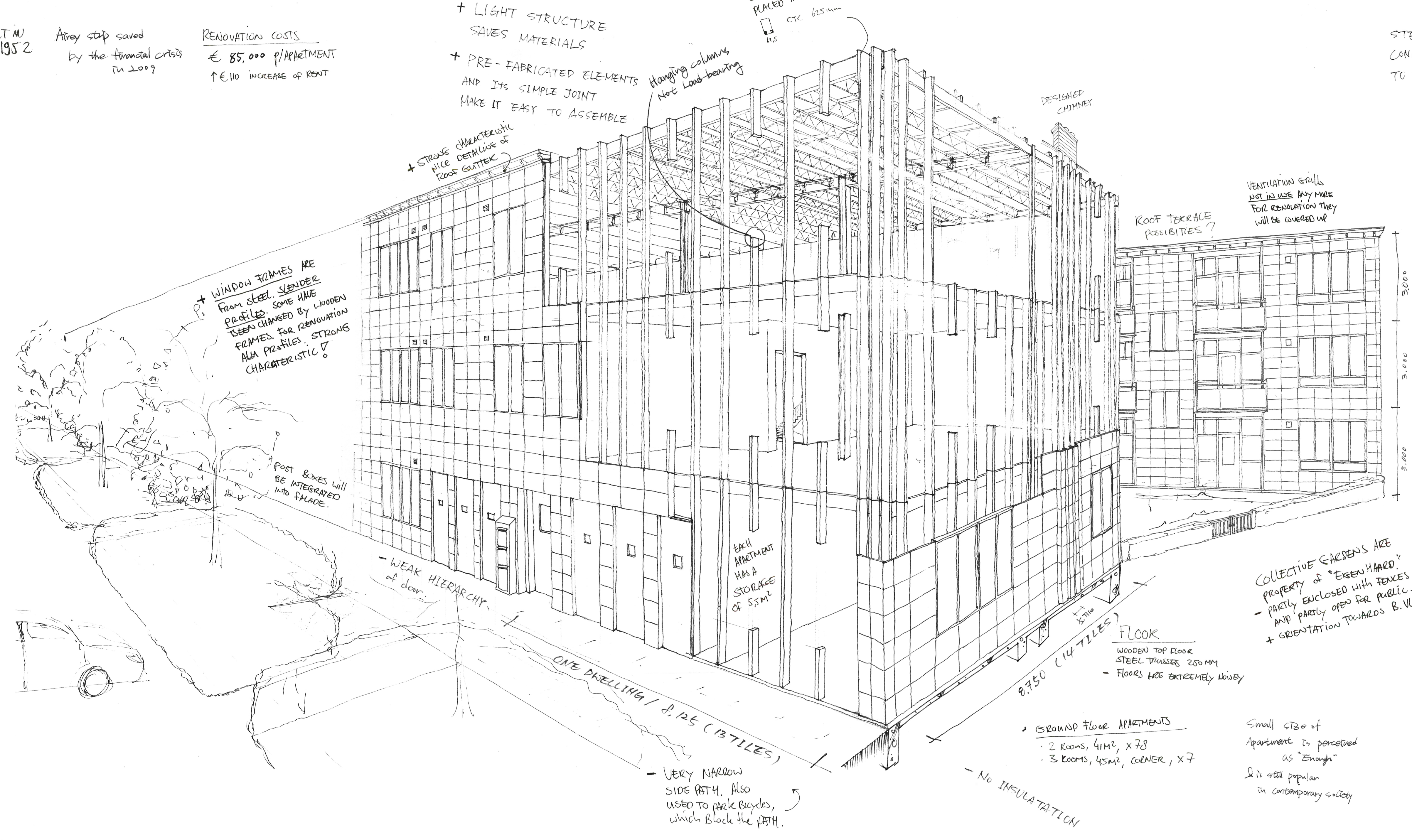
Construction Period

- in the factory (for facade element)
- = 9 x 45 manhours
- At work (for whole building)
- = 100 manhours / dwelling
- = approx. 2 months by 2 workers

NEMAVO-AIREY

BUILT IN 1952
 Airy strip saved by the financial crisis in 2009
 RENOVATION COSTS
 € 85,000 / flat/unit
 ↑ €110 INCREASE OF RENT

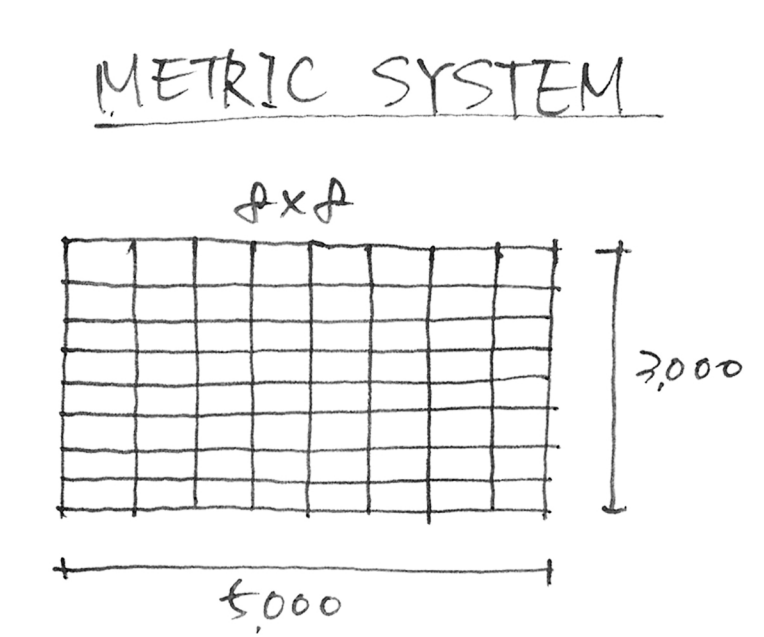
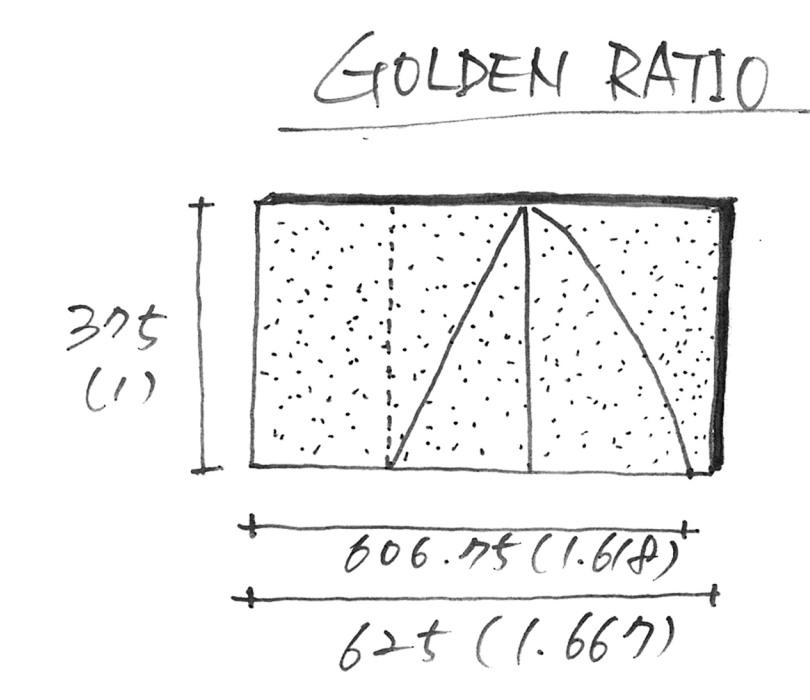
- + LIGHT STRUCTURE SAVES MATERIALS
- + PRE-FABRICATED ELEMENTS AND ITS SIMPLE JOINT MAKE IT EASY TO ASSEMBLE
- + STRONG CHARACTERISTIC WITH DETAILS OF ROOF GUTTER
- + HANGING COLUMNS ARE LOW-BEARING
- + CONCRETE COLUMNS EVERYWHERE ARE SAME PLACED IN CAVITY
- + C/C 625mm



	Front	Back	Side	1dwelling strip	2dwelling strip
# of Module	12 U	6 U	3 U	44 U	5 U
# of Tile	29 U	2 U	2 U	26 U	30 U
Open ratio	36%	46%	21%	40%	41%

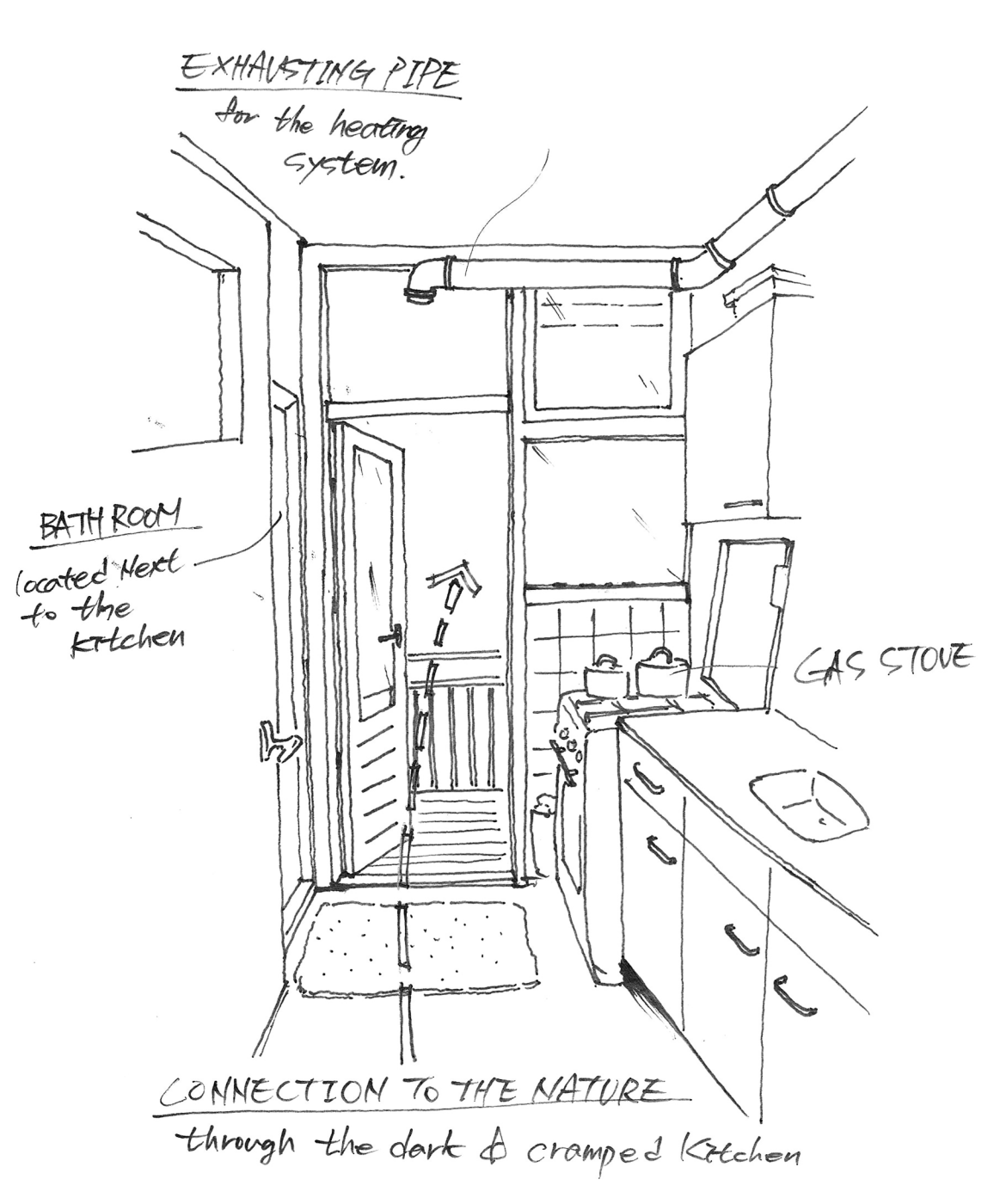
FAÇADE
 CONCRETE TILES (375x625)
 Quality is still good
 Transparent coating to protect facade from weather conditions

+ Rigid facade structure emphasizes grid of the system



	WEIGHT OF STRUCTURE	LOAD-BEARING CAPACITY
ROOF	0.80 kN/m²	1 kN/m²
2nd	0.75 kN/m²	2.41 kN/m²
1st	4.10 kN/m²	2.41 kN/m²
GL		

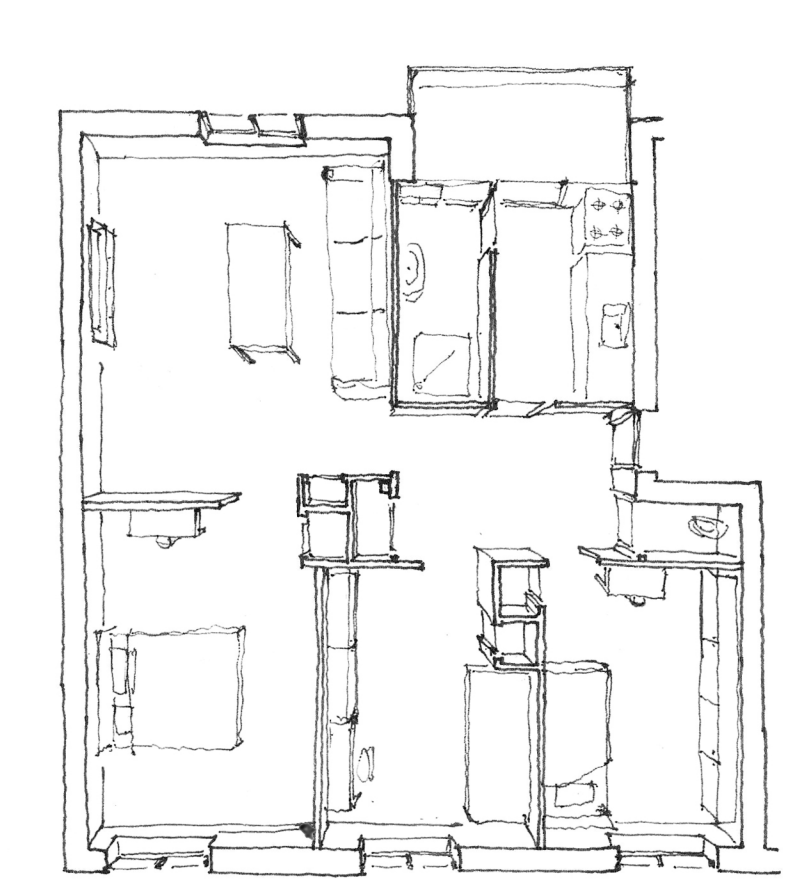
TYPICAL KITCHEN SPACE



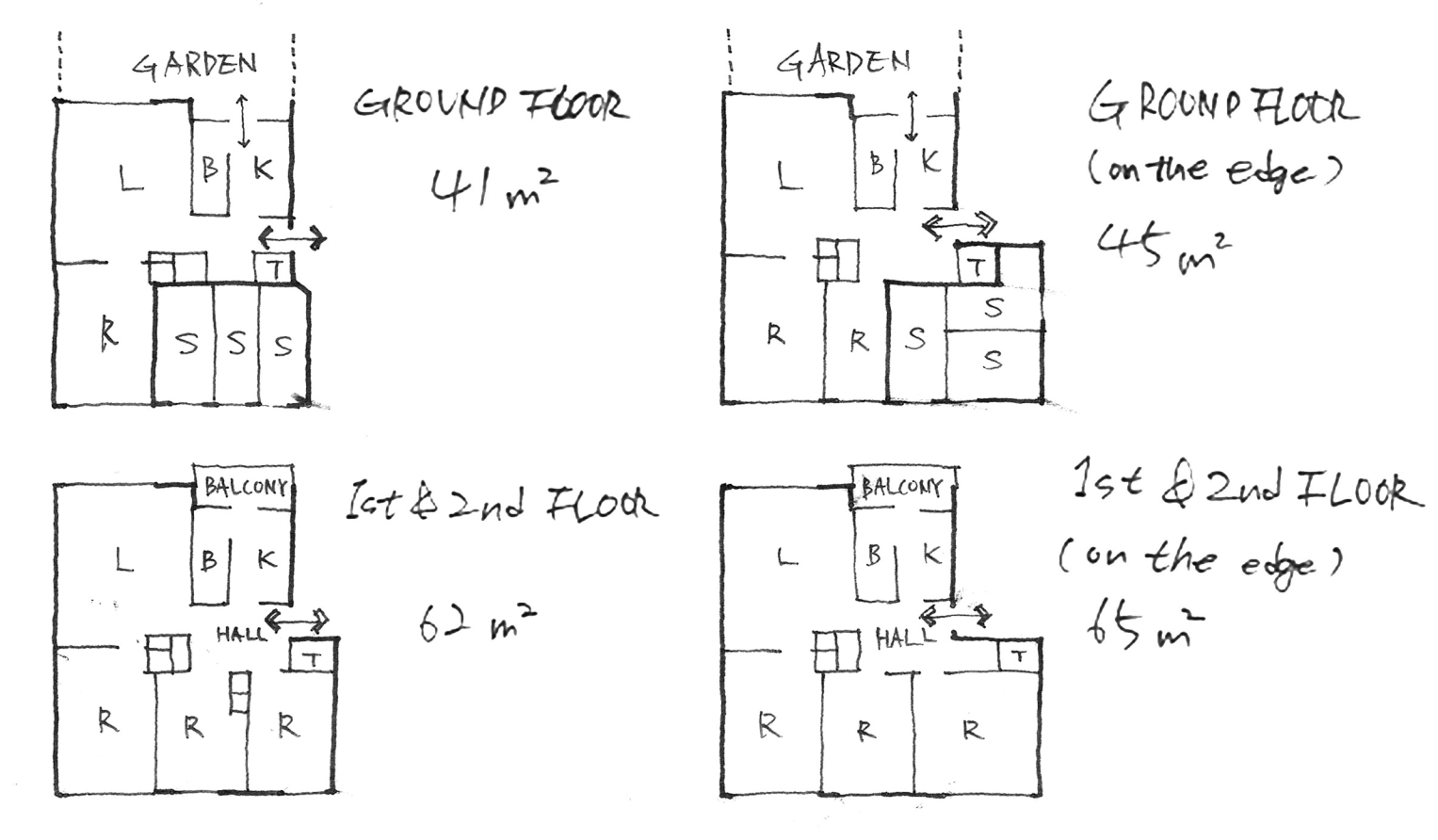
TYPICAL LIVING SPACE



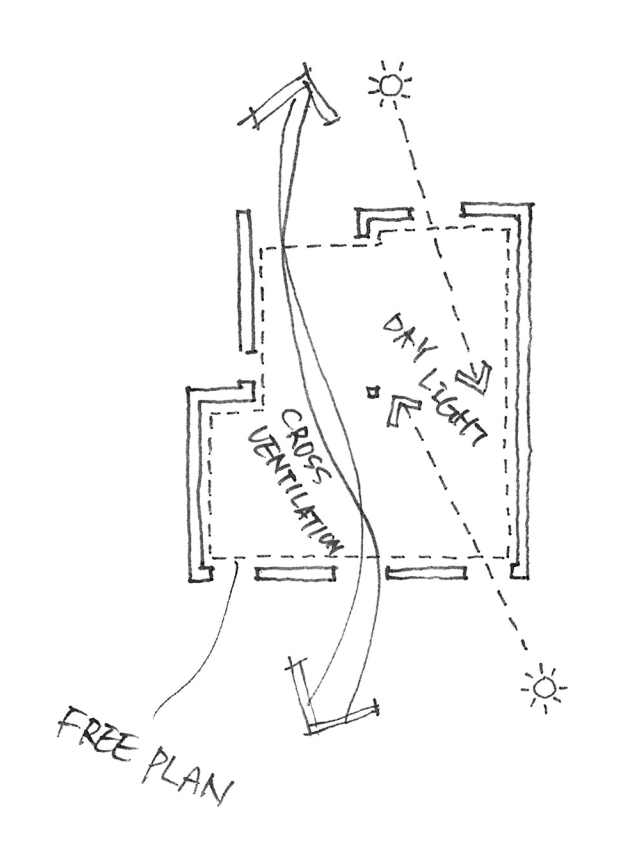
TYPICAL FLOOR PLAN



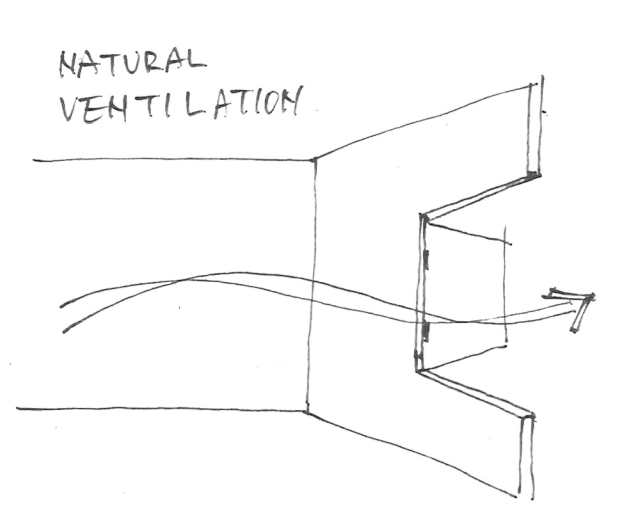
FOUR DIFFERENT TYPES



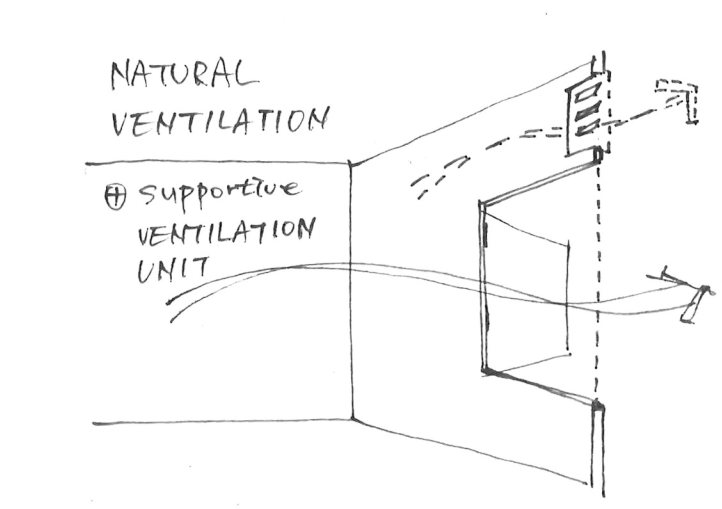
LIGHT, AIR & SPACE



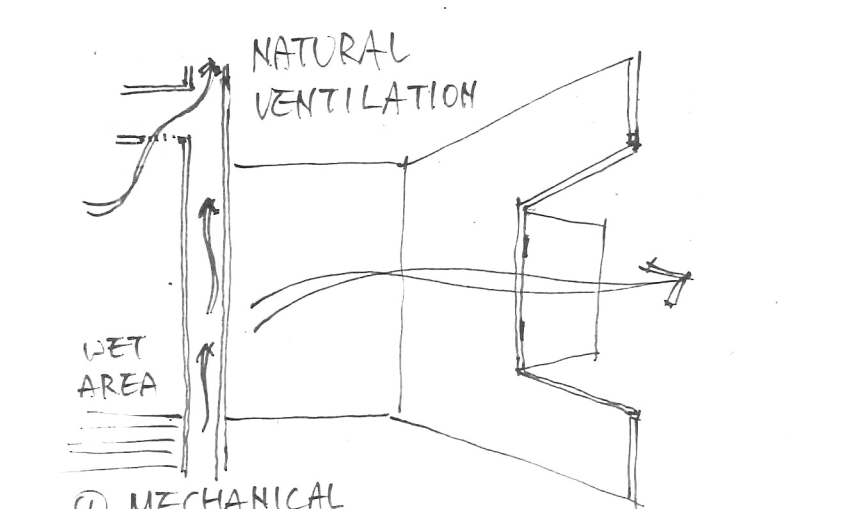
VENTILATION SYSTEM



PAST INTERVENTION



RECENT INTERVENTION



HEATING SYSTEM

