

**Project Book**

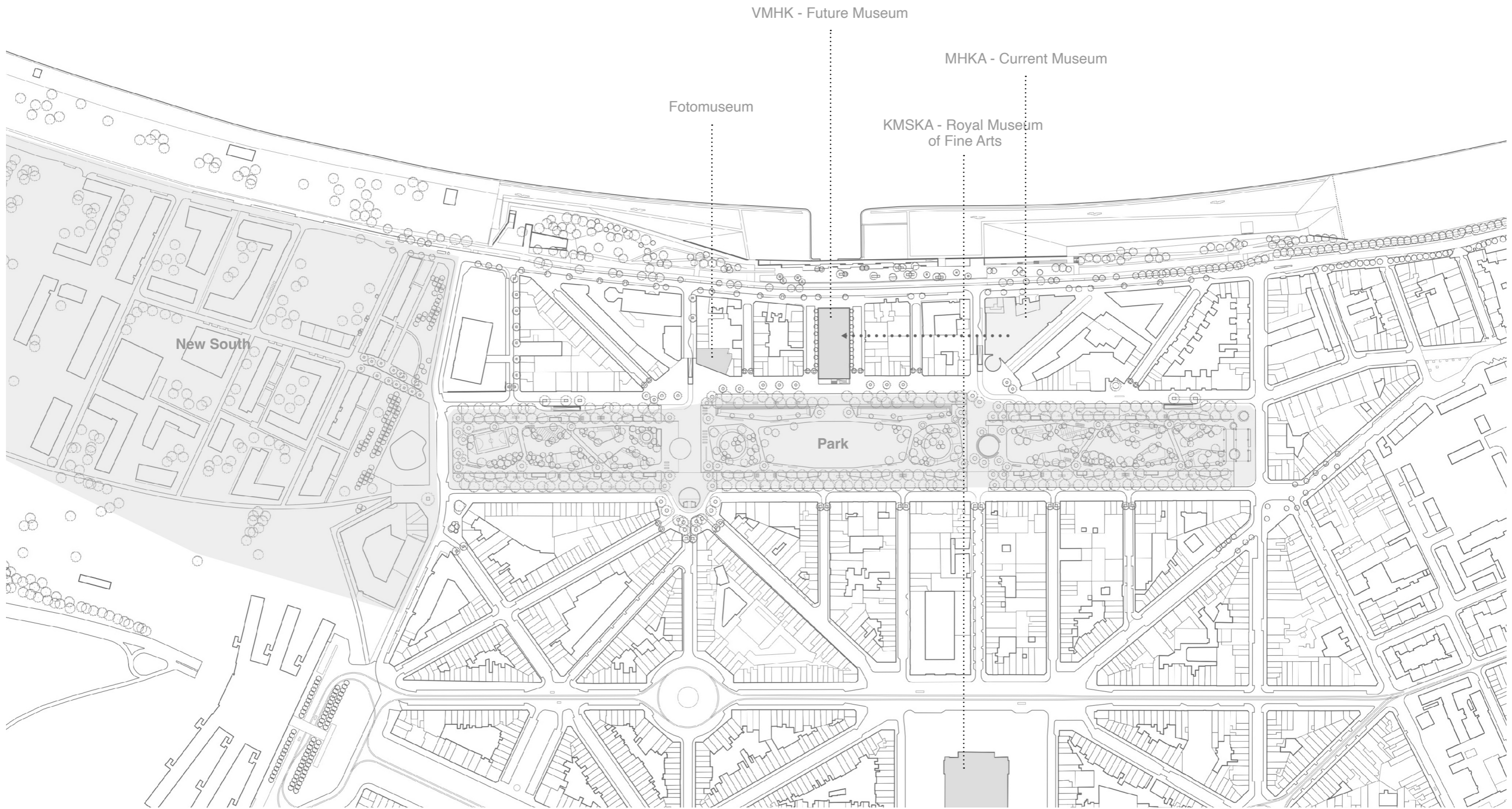
Msc 3/4 Architecture for Art

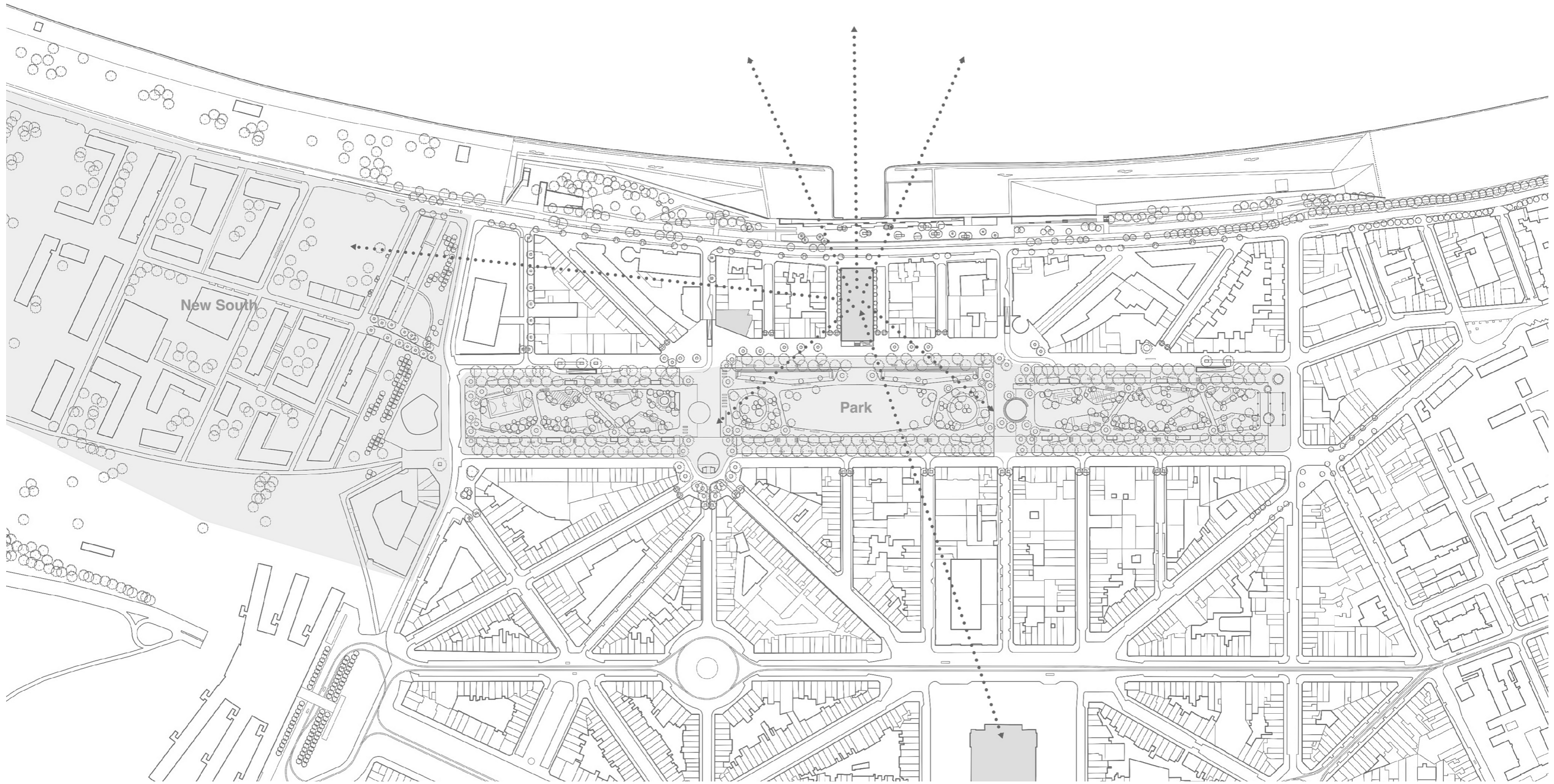
**Interiors Buildings Cities**

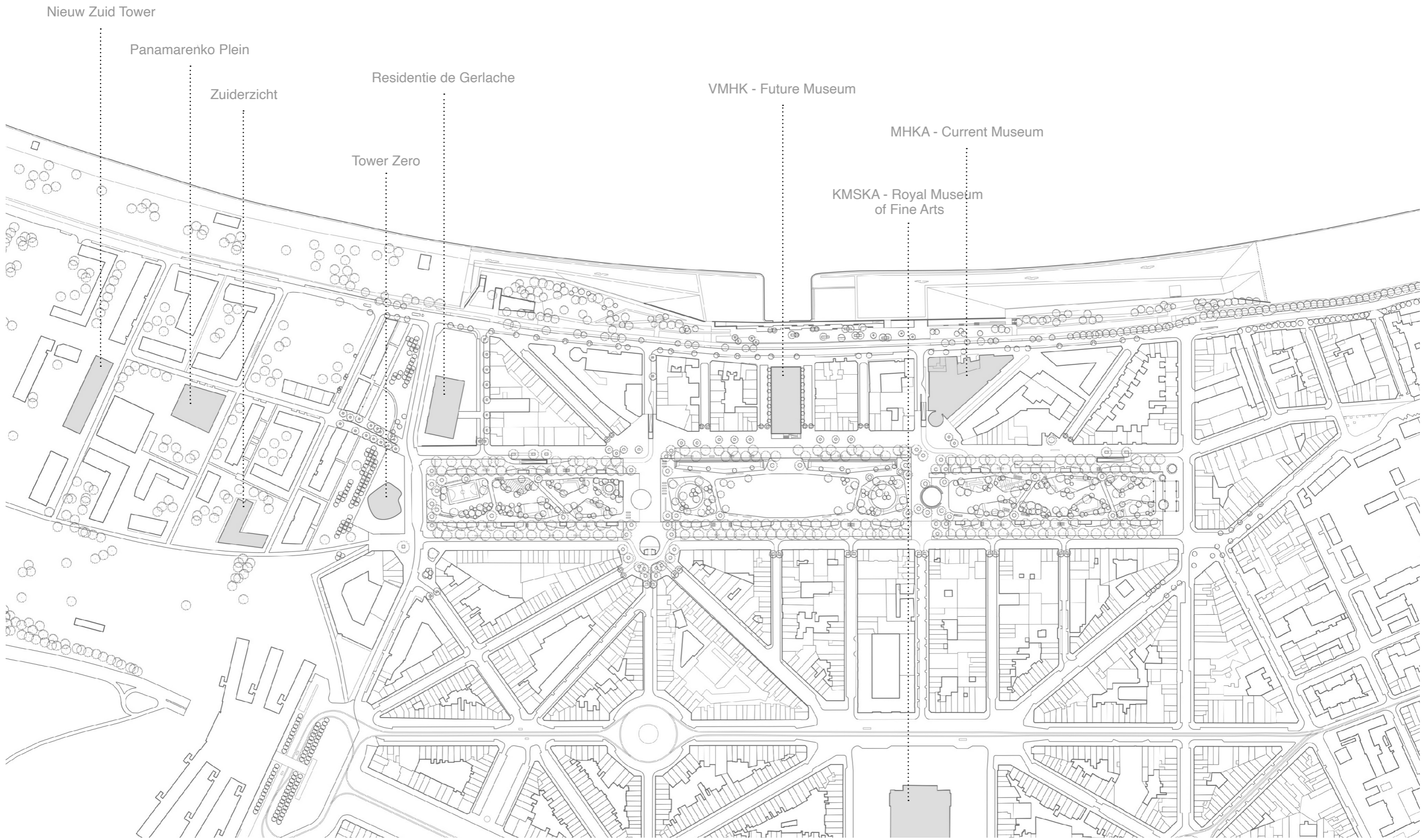
Bartosz Teodorczyk



Perspective View – Park







Nieuw Zuid Tower

Panamarenko Plein

Zuiderzicht

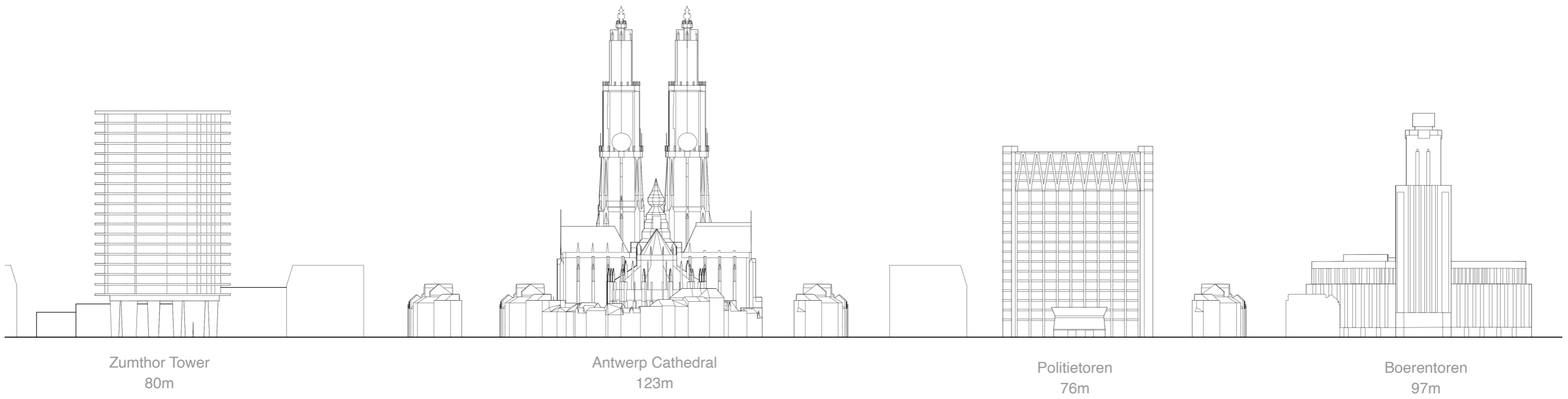
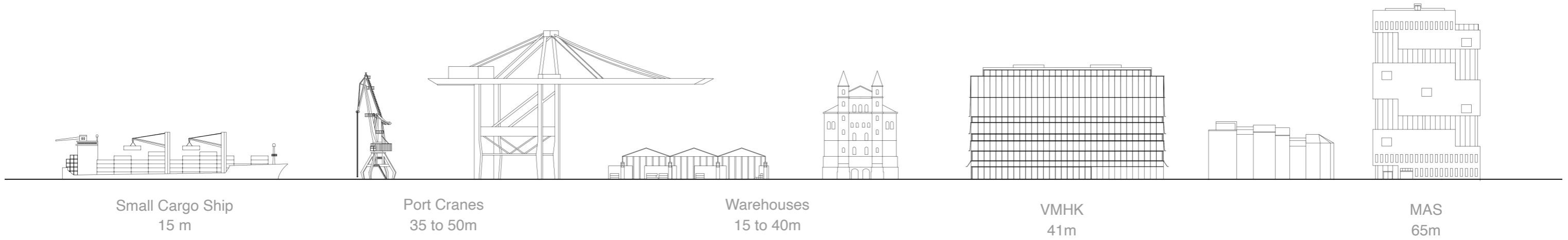
Residentie de Gerlache

Tower Zero

VMHK - Future Museum

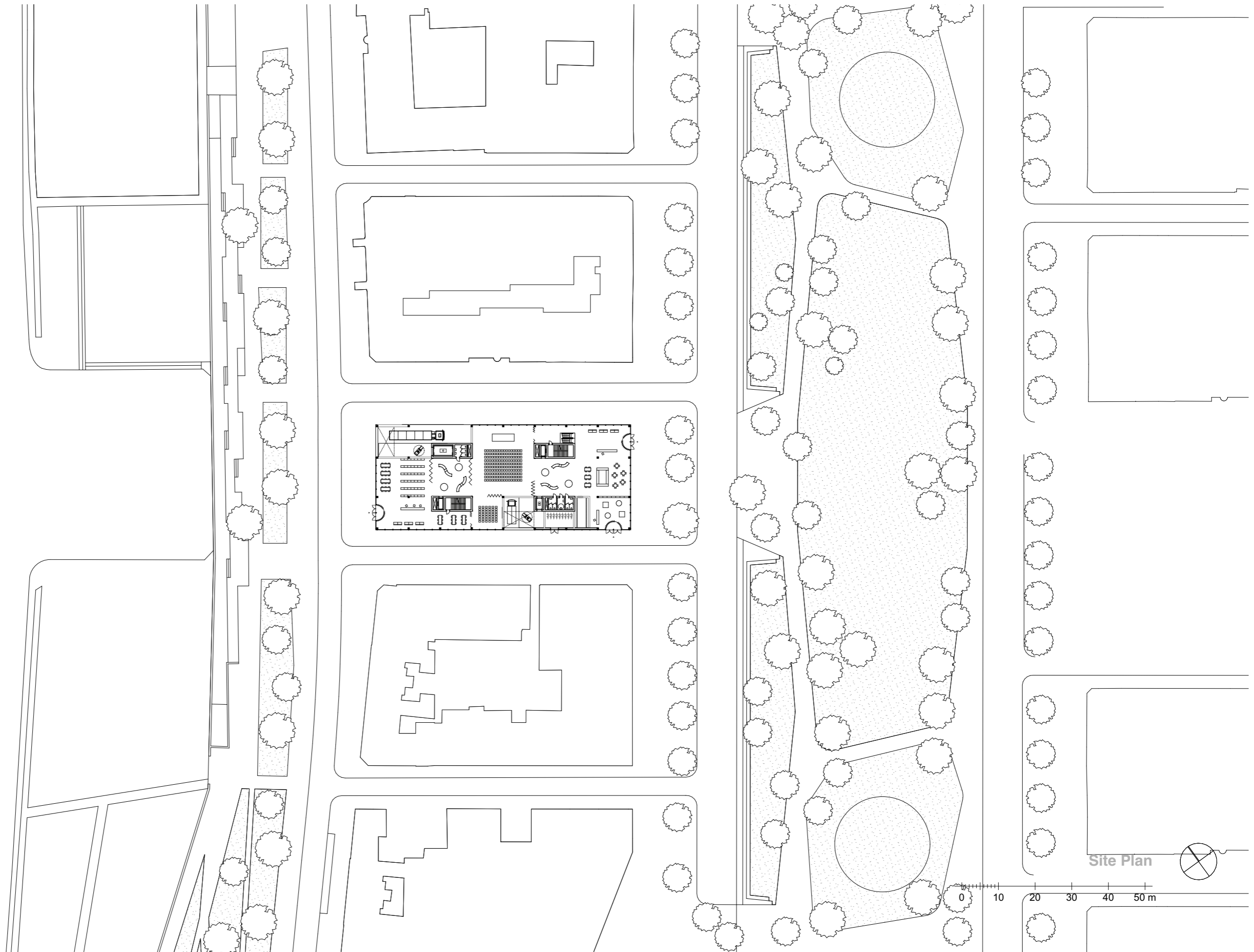
MHKA - Current Museum

KMSKA - Royal Museum  
of Fine Arts

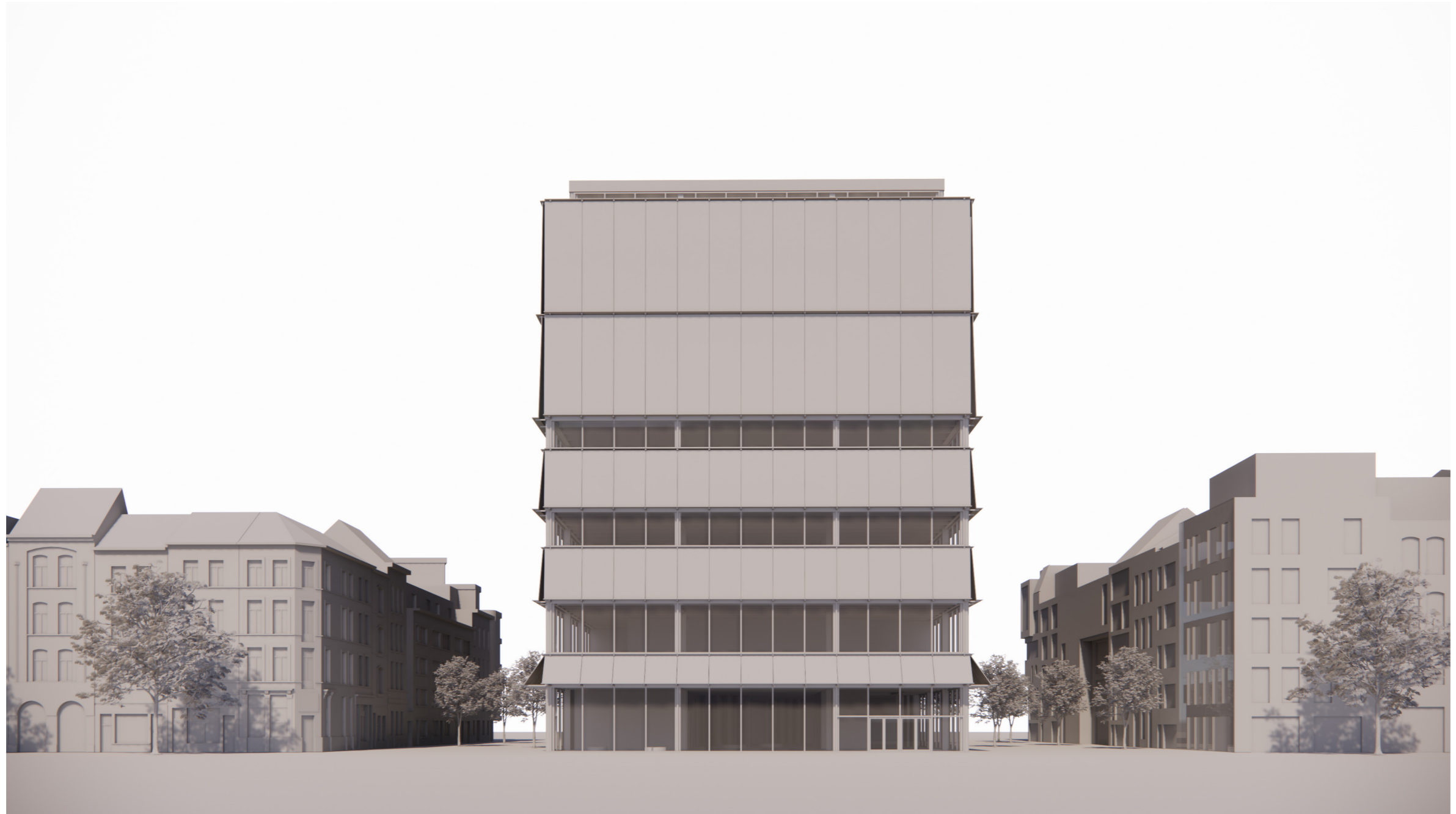




Collage – Industrial and High-Rise Antwerp







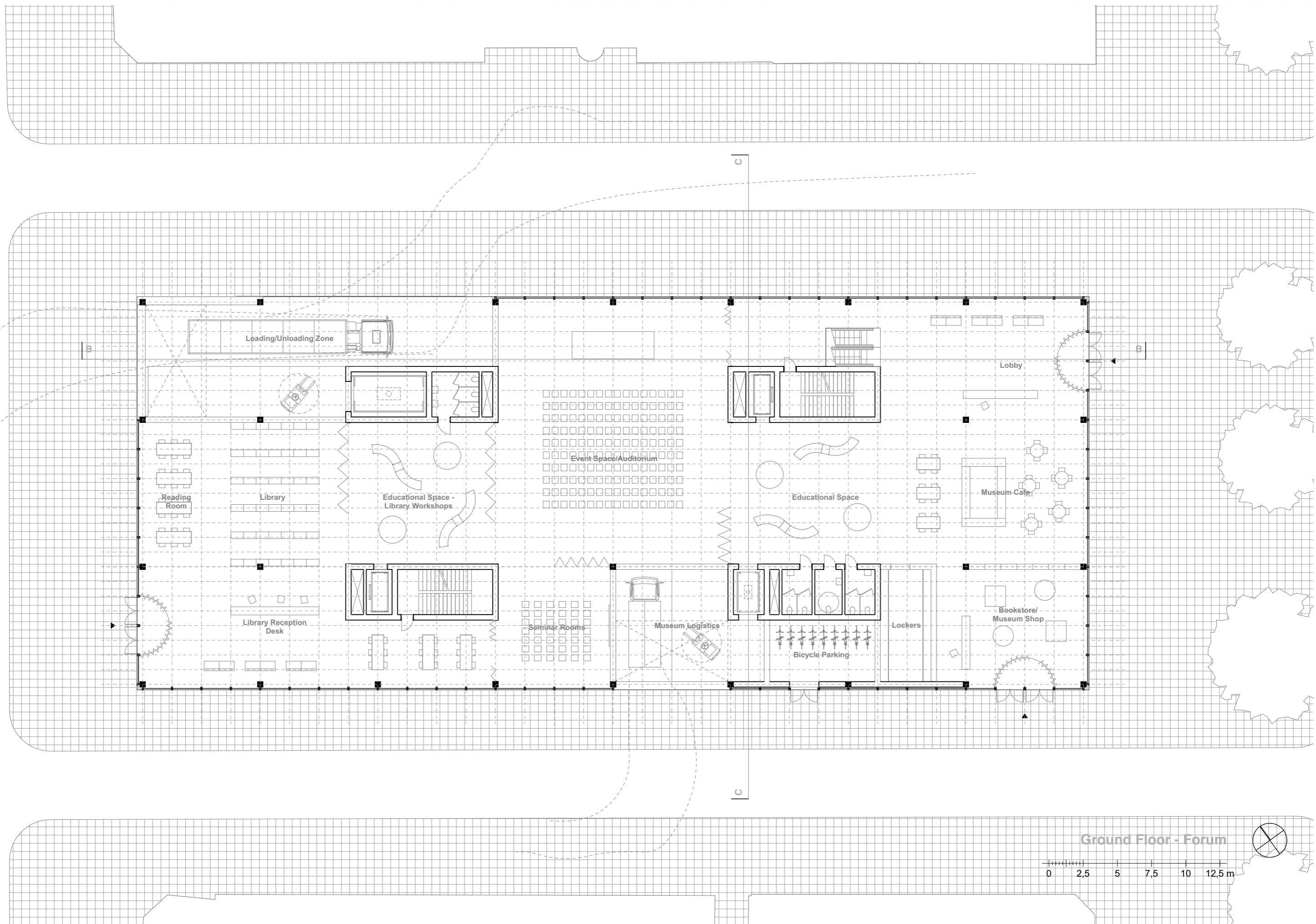
Perspective View – Waalsekaai



Perspective View – Visserskaai



Perspective View – IJzerenpoortkai





Perspective View – Forum – Lobby and Ticket Desk



Perspective View – Forum – Event Space



Perspective View – Forum – Event Space



Perspective View – Forum – Cafe

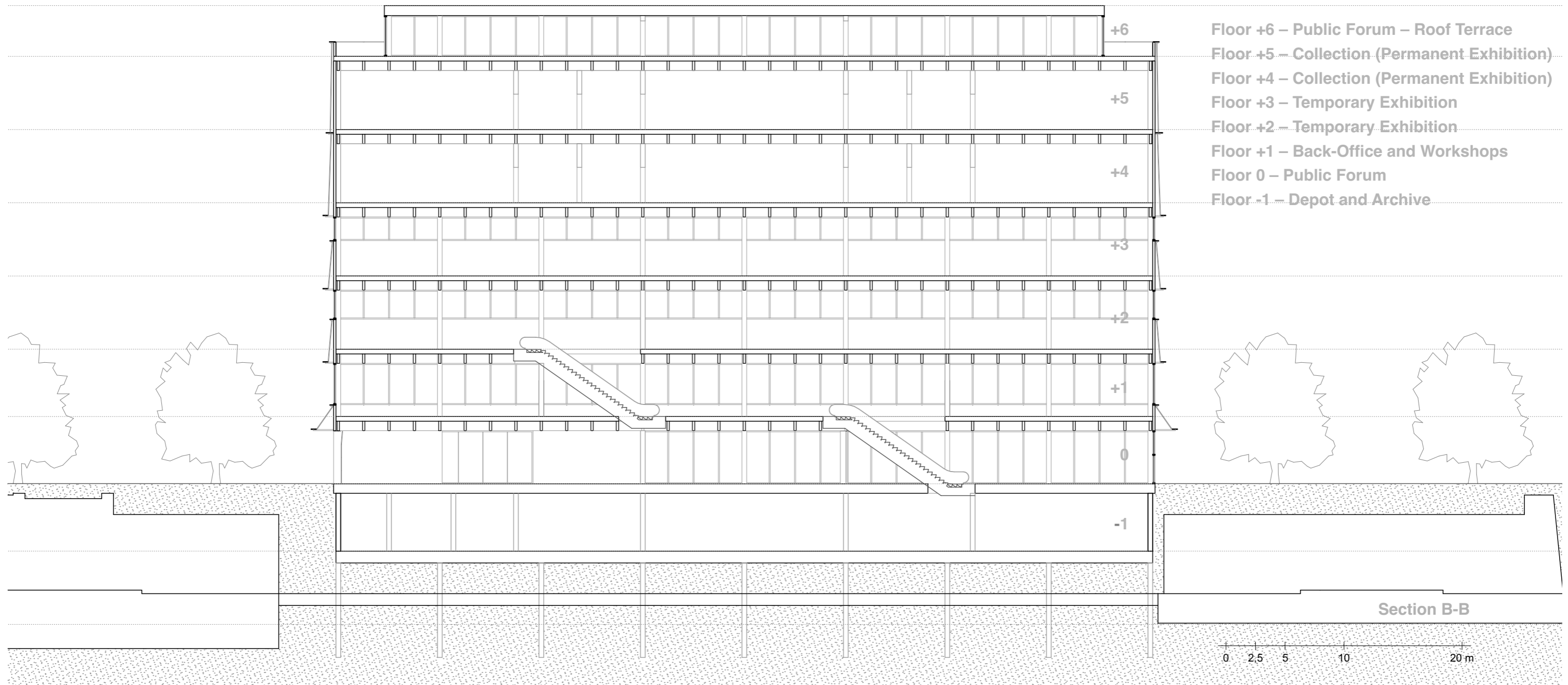


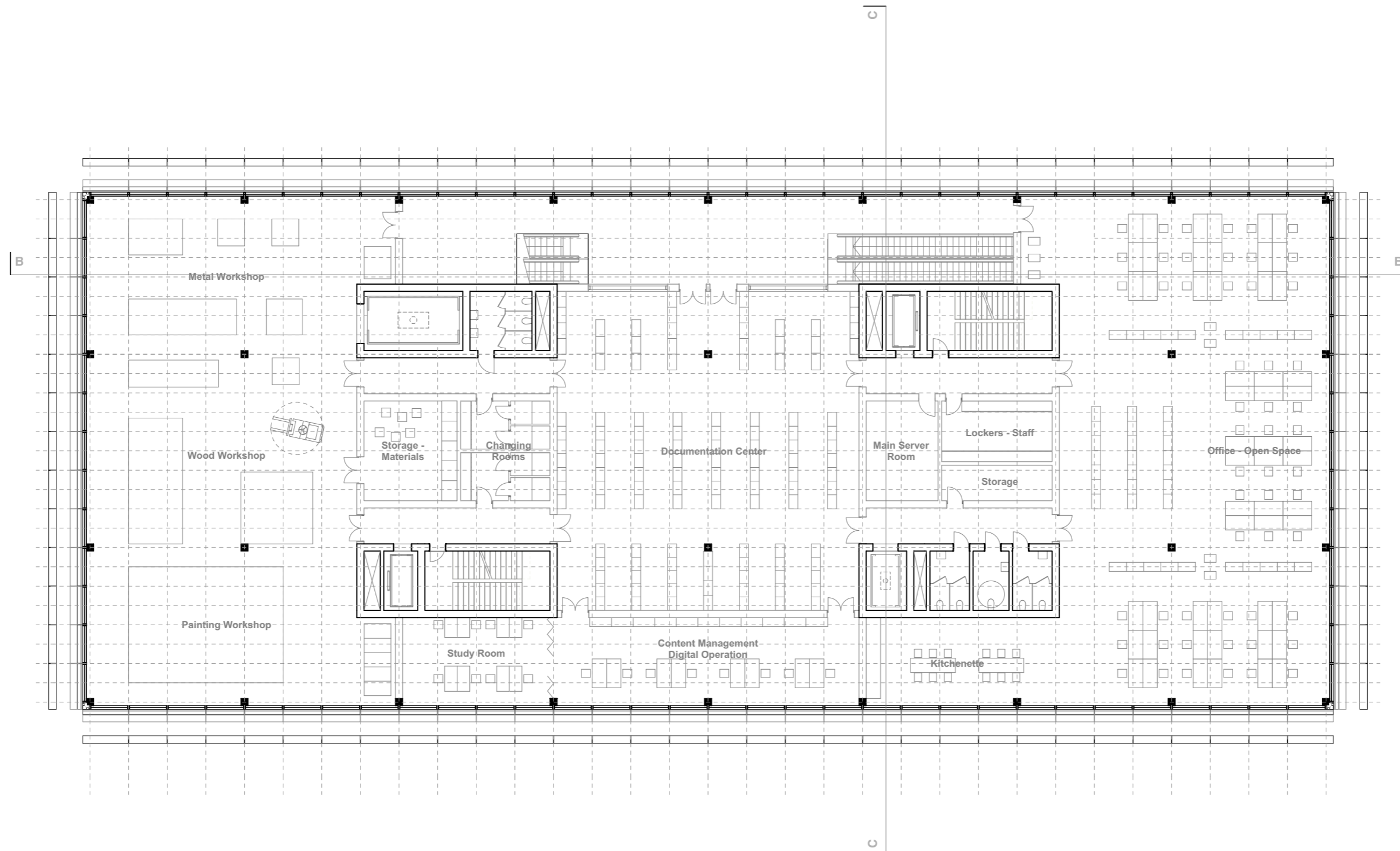


Perspective View – Forum – Temporary Exhibition

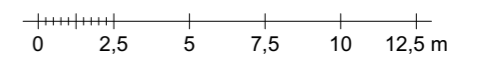


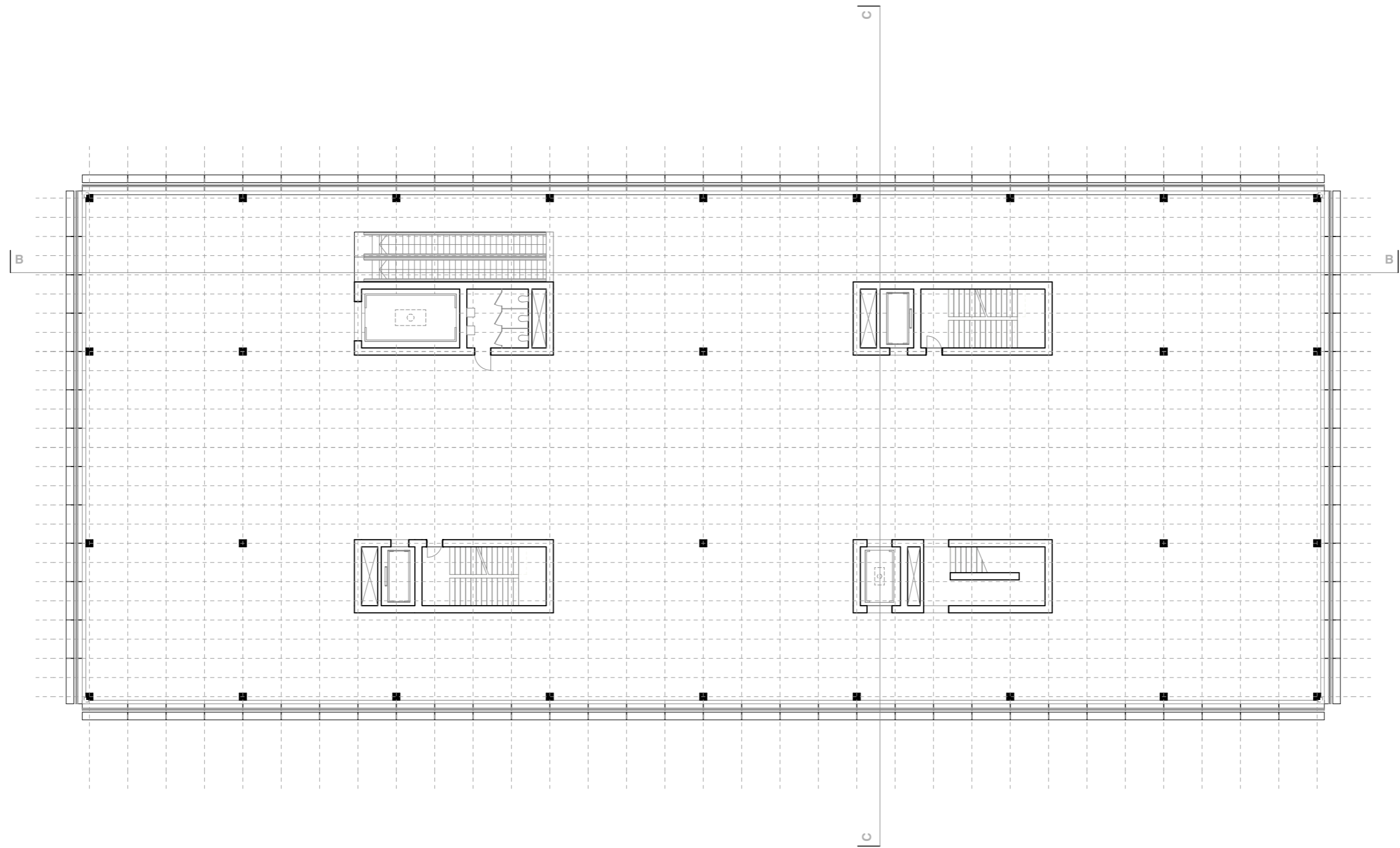
Perspective View – Forum – Logistics



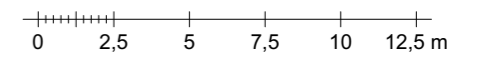


Floor 1 - Back-Office





Floor 2 - Exhibition





Perspective View – Exhibition Hall



Perspective View – Exhibition Room



Perspective View – Exhibition Room

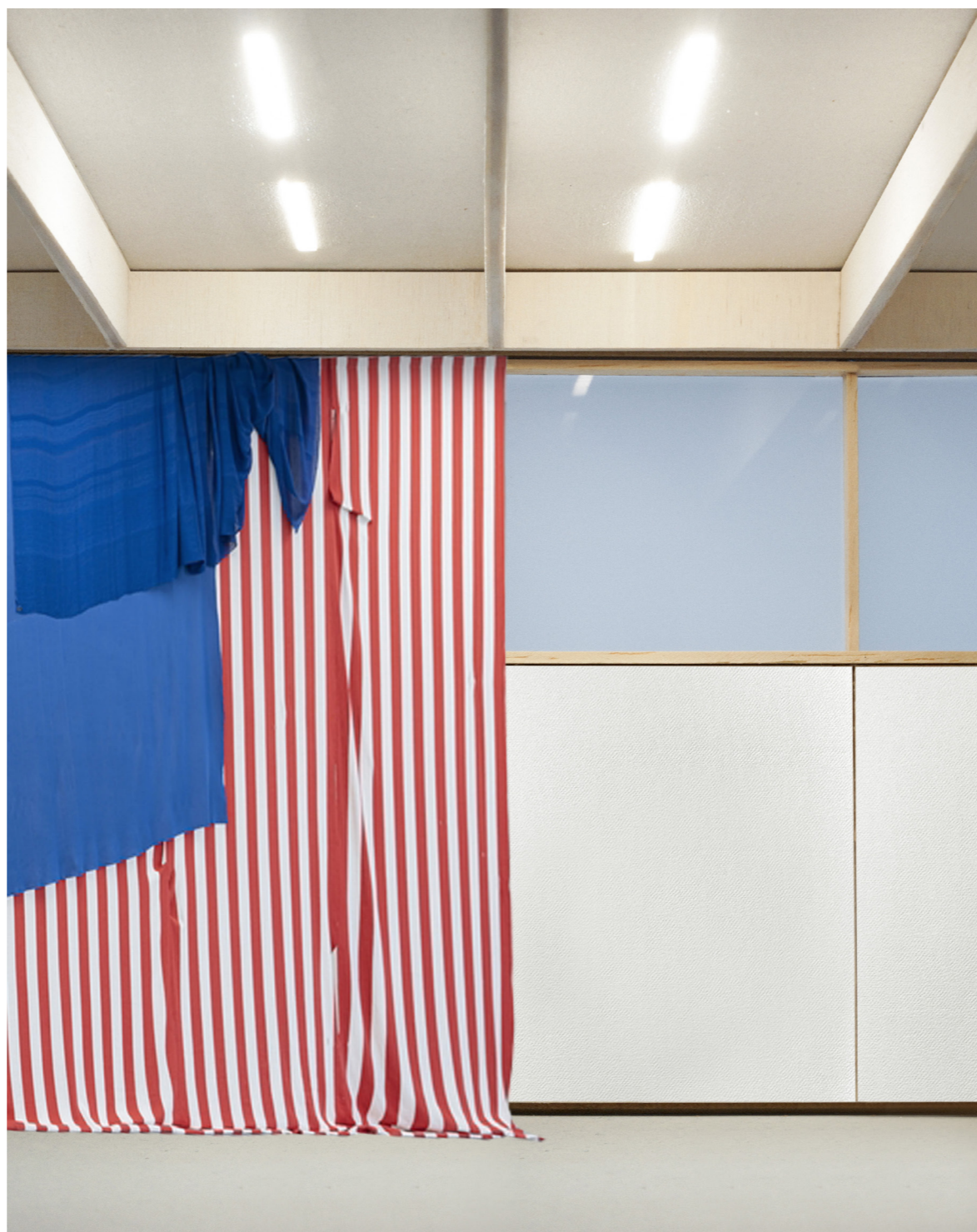




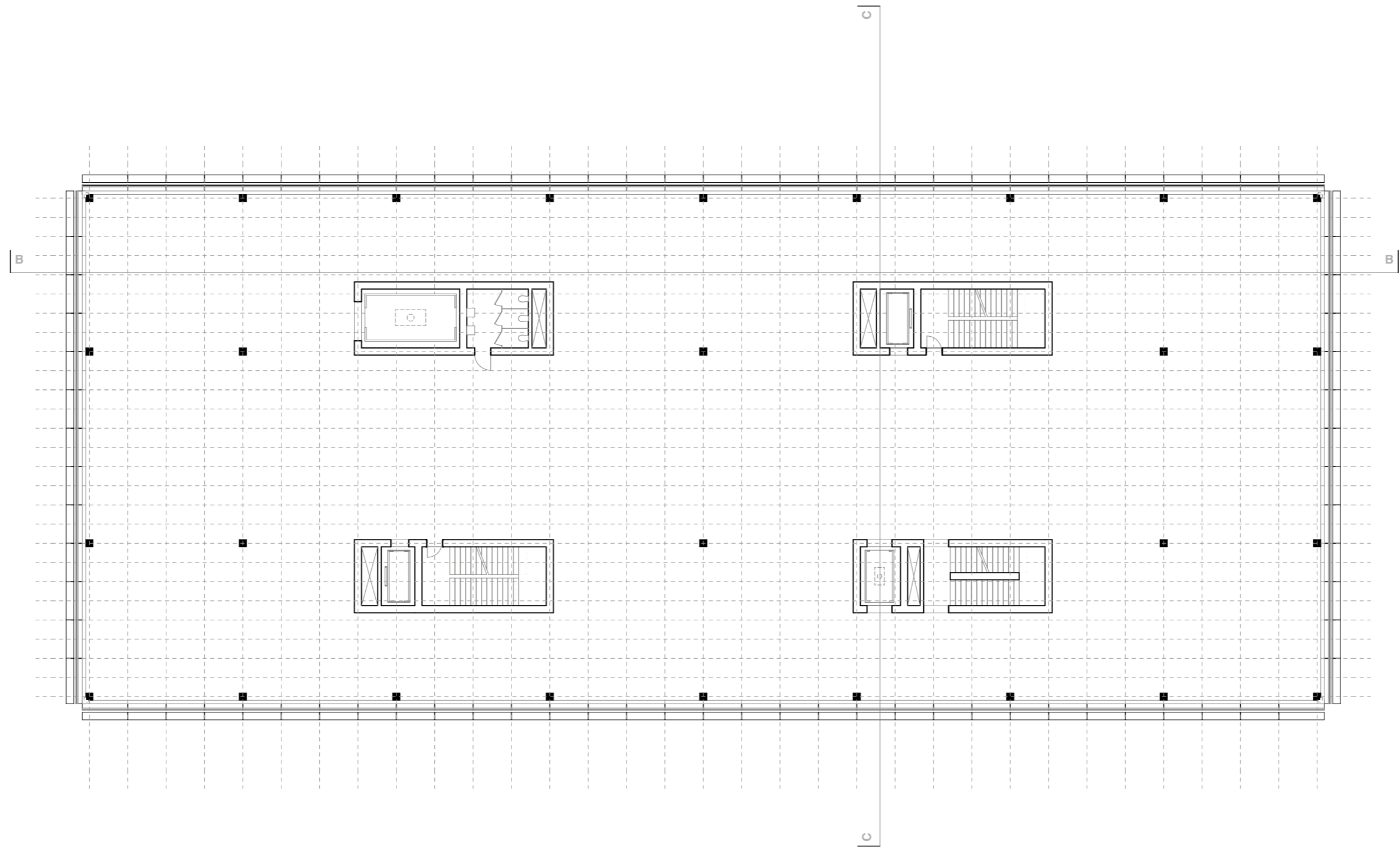
Perspective View – Exhibition Room – Andy Warhol



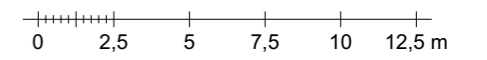
Perspective View – Exhibition Room – Changes

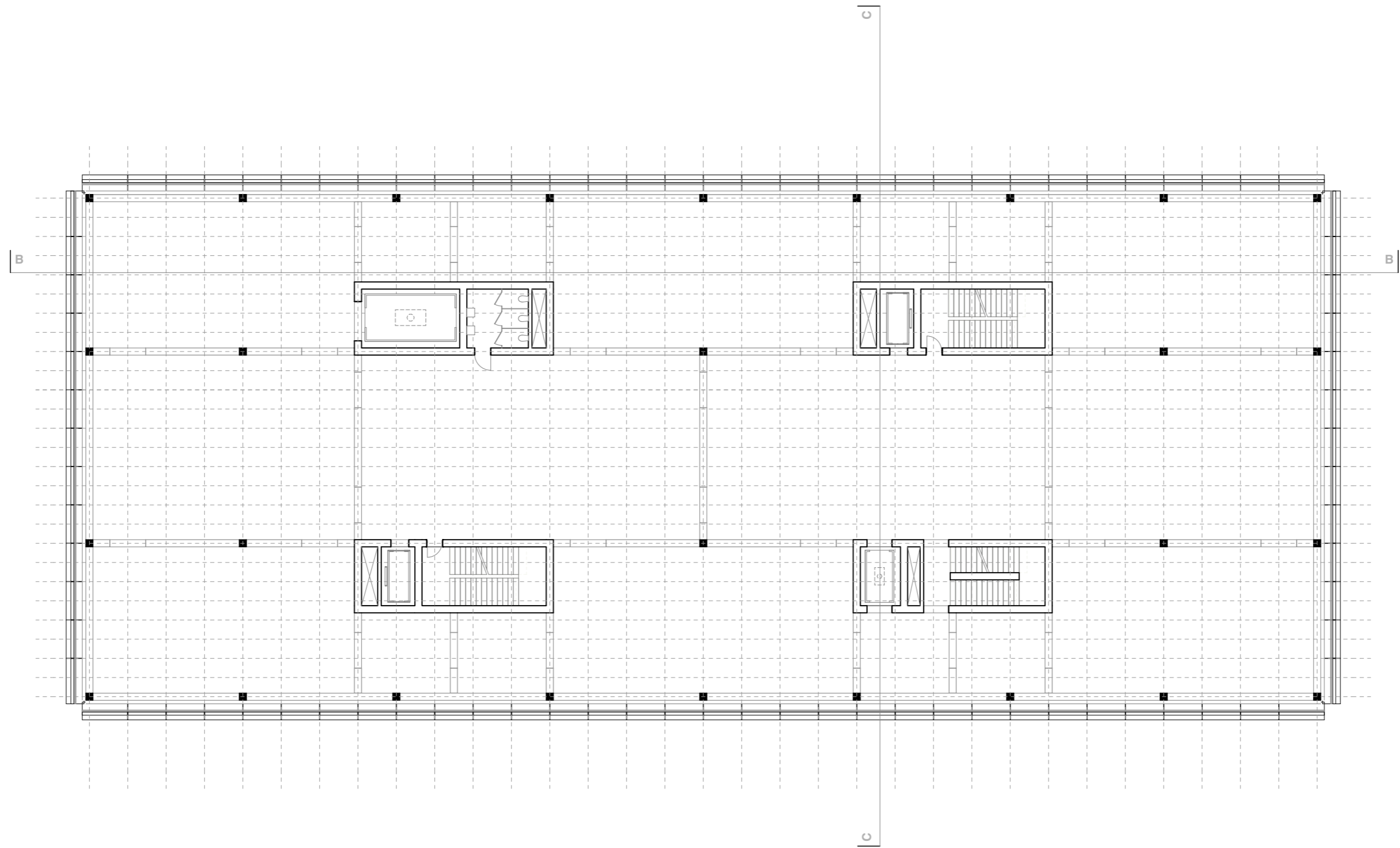


Perspective View – Exhibition Room – Hana Miletic

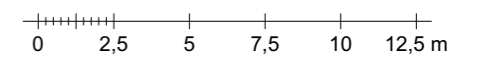


Floor 3 - Exhibition





Floor 4 - Collection Main Circuit





Perspective View – Collection Room – Dorothy Iannone

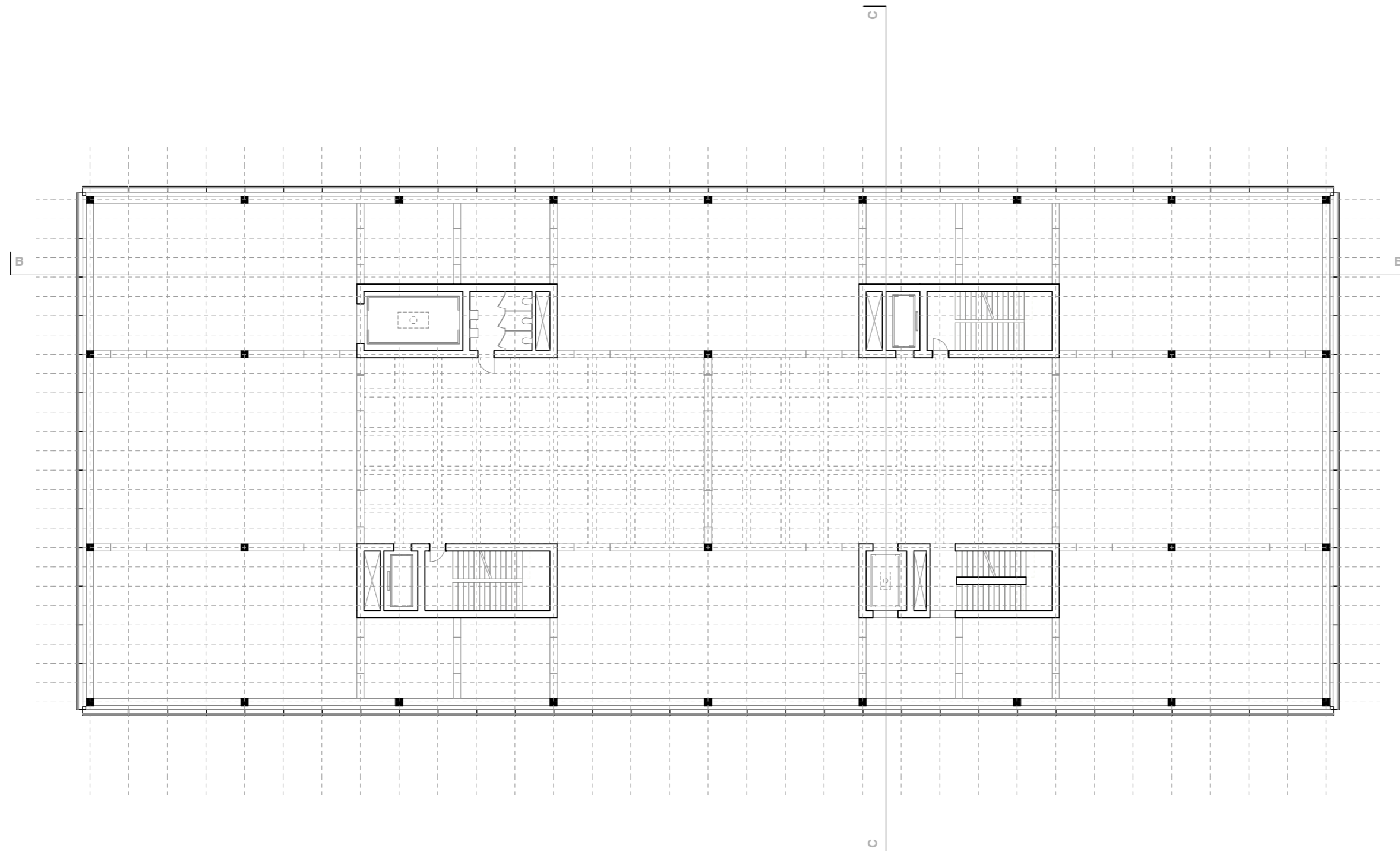


Perspective View – Collection Room – Cabinet Entrance

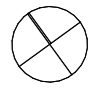
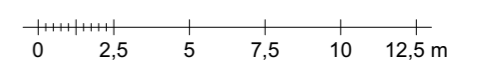


Perspective View – Inside the Cabinet – Wilhelm Sasnal



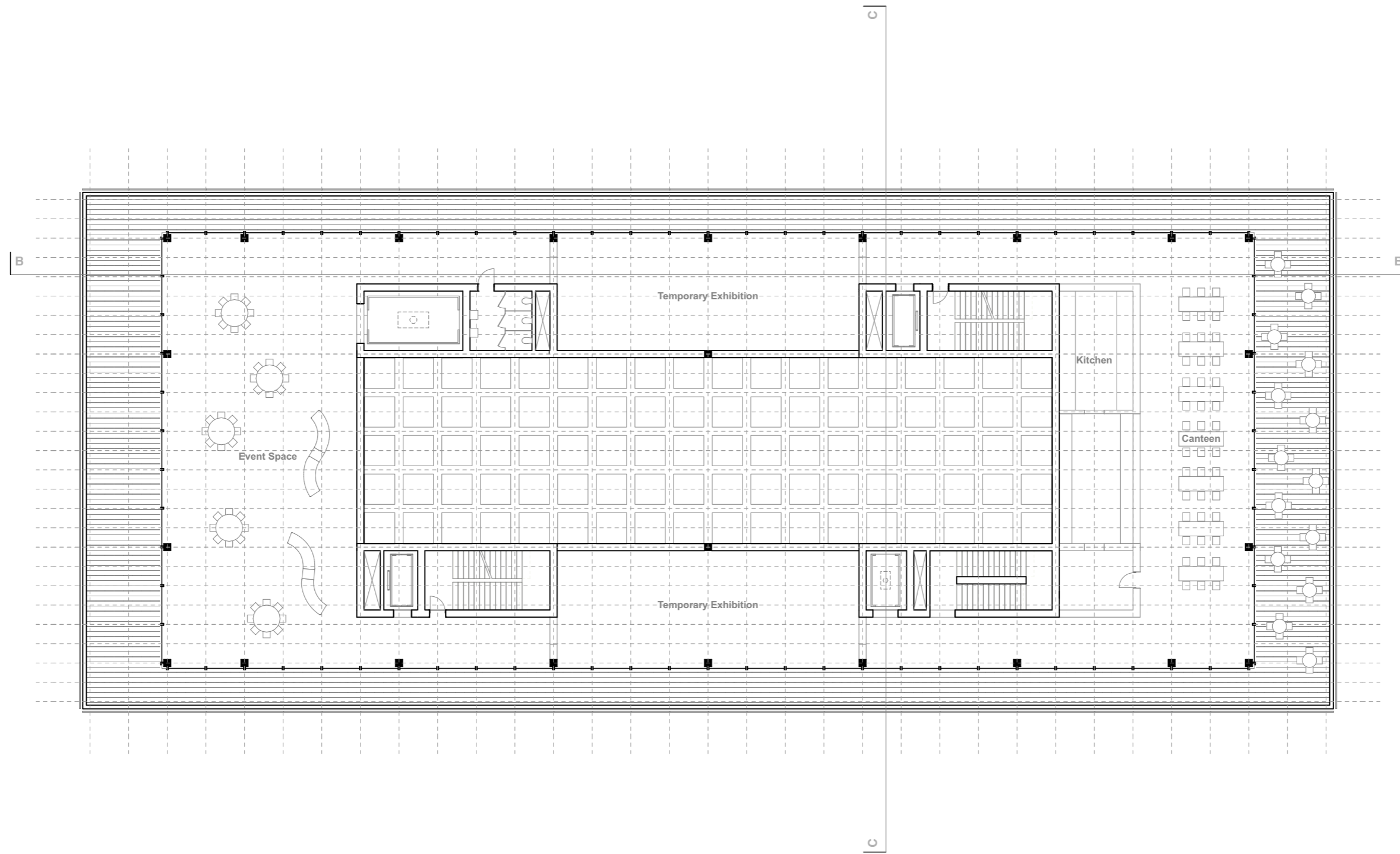


Floors 5 - Collection Secondary Circuit

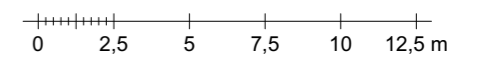




Perspective View – Collection Hall with Skylight

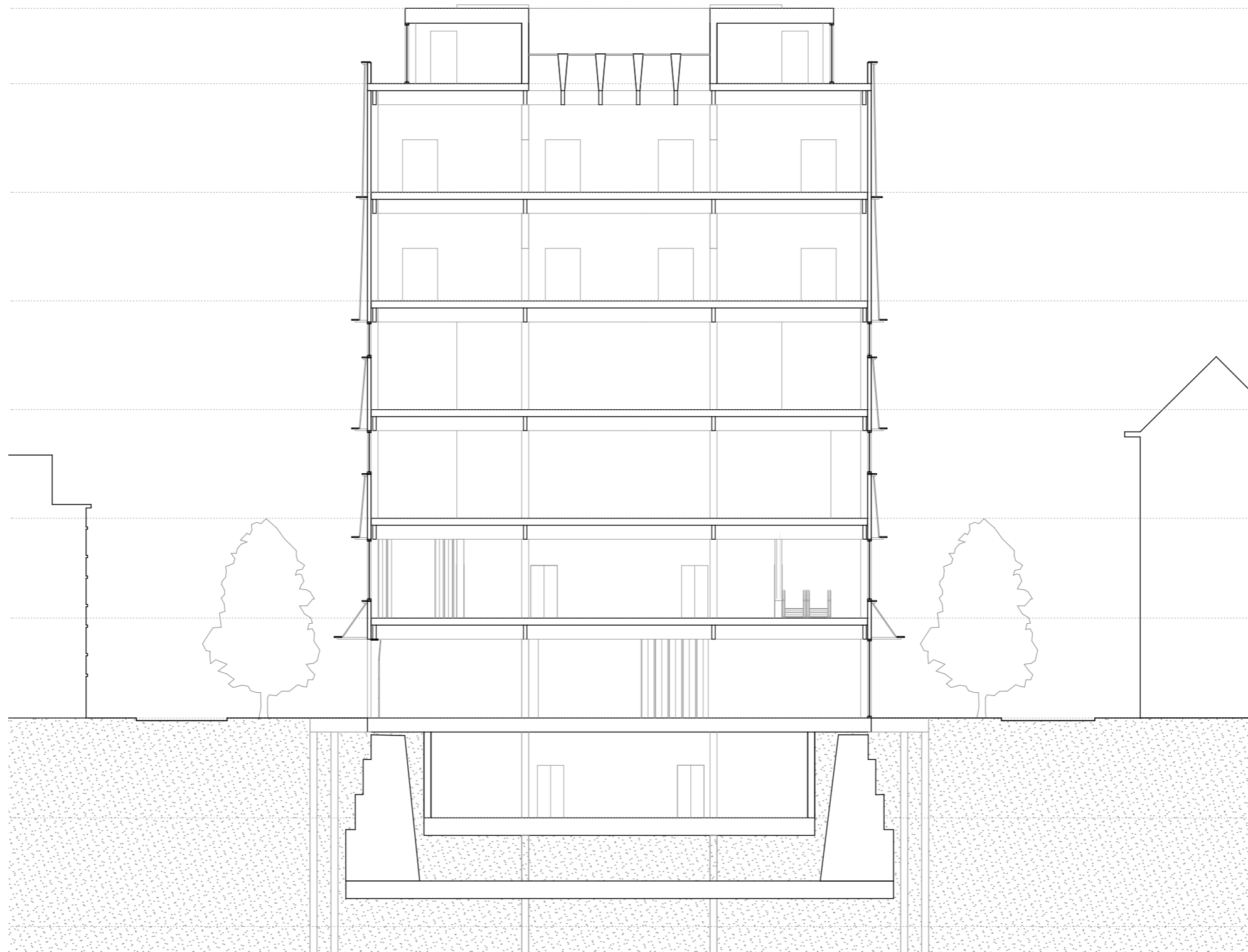


Floors 6 - Roof Terrace

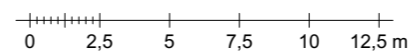


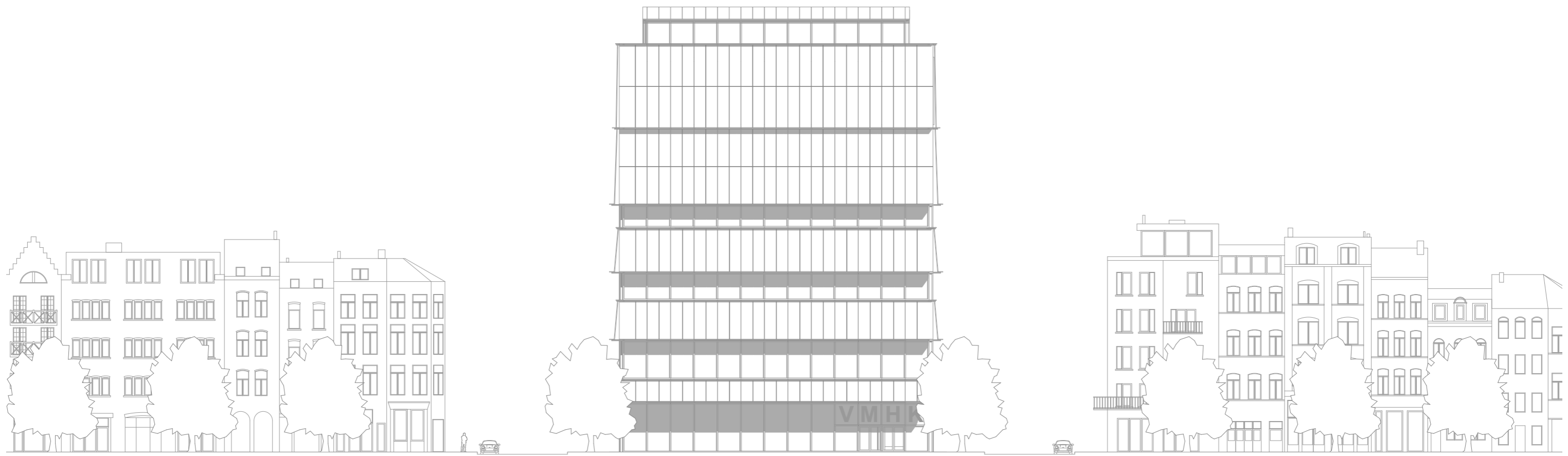


Perspective View – Roof Terrace

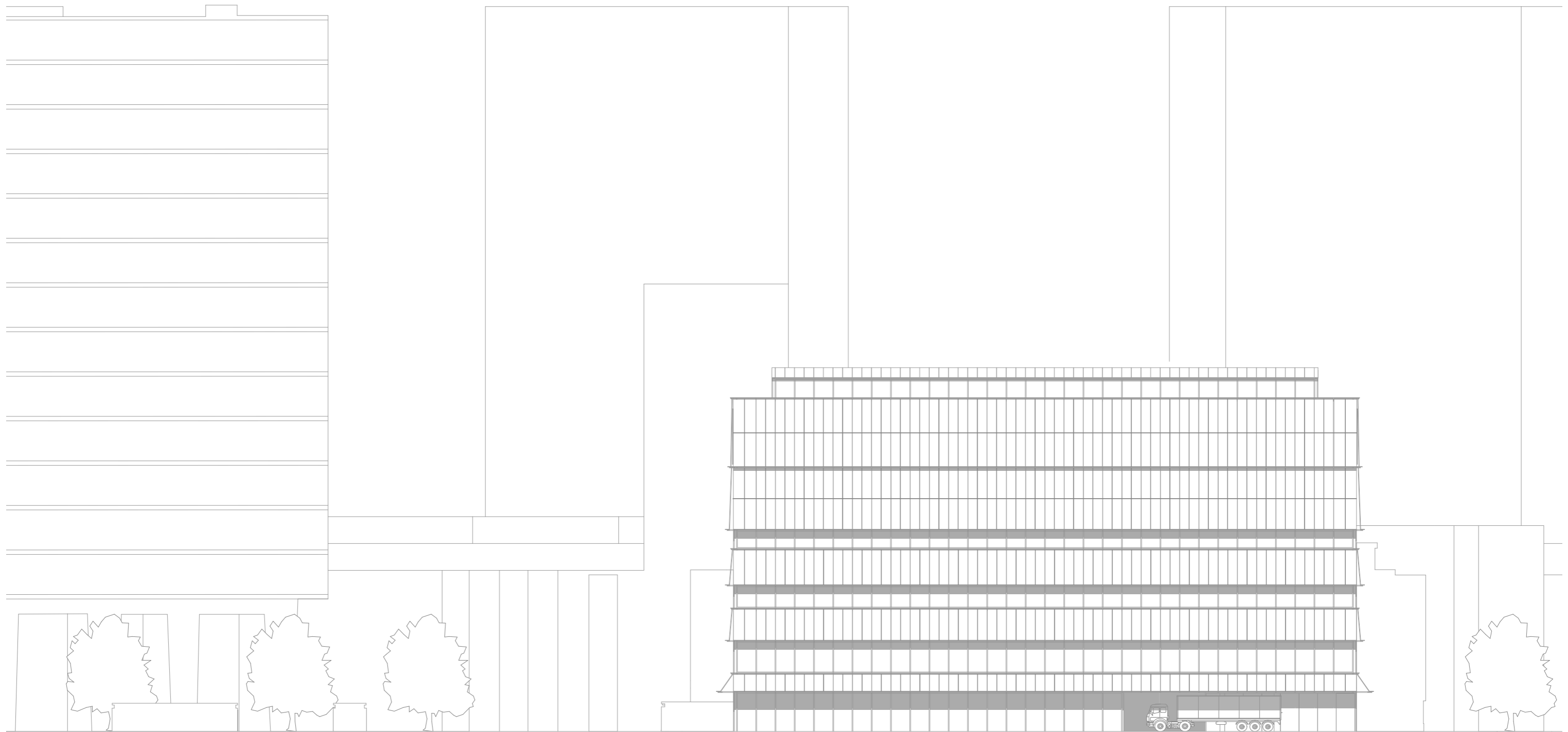


Section C-C





East Elevation

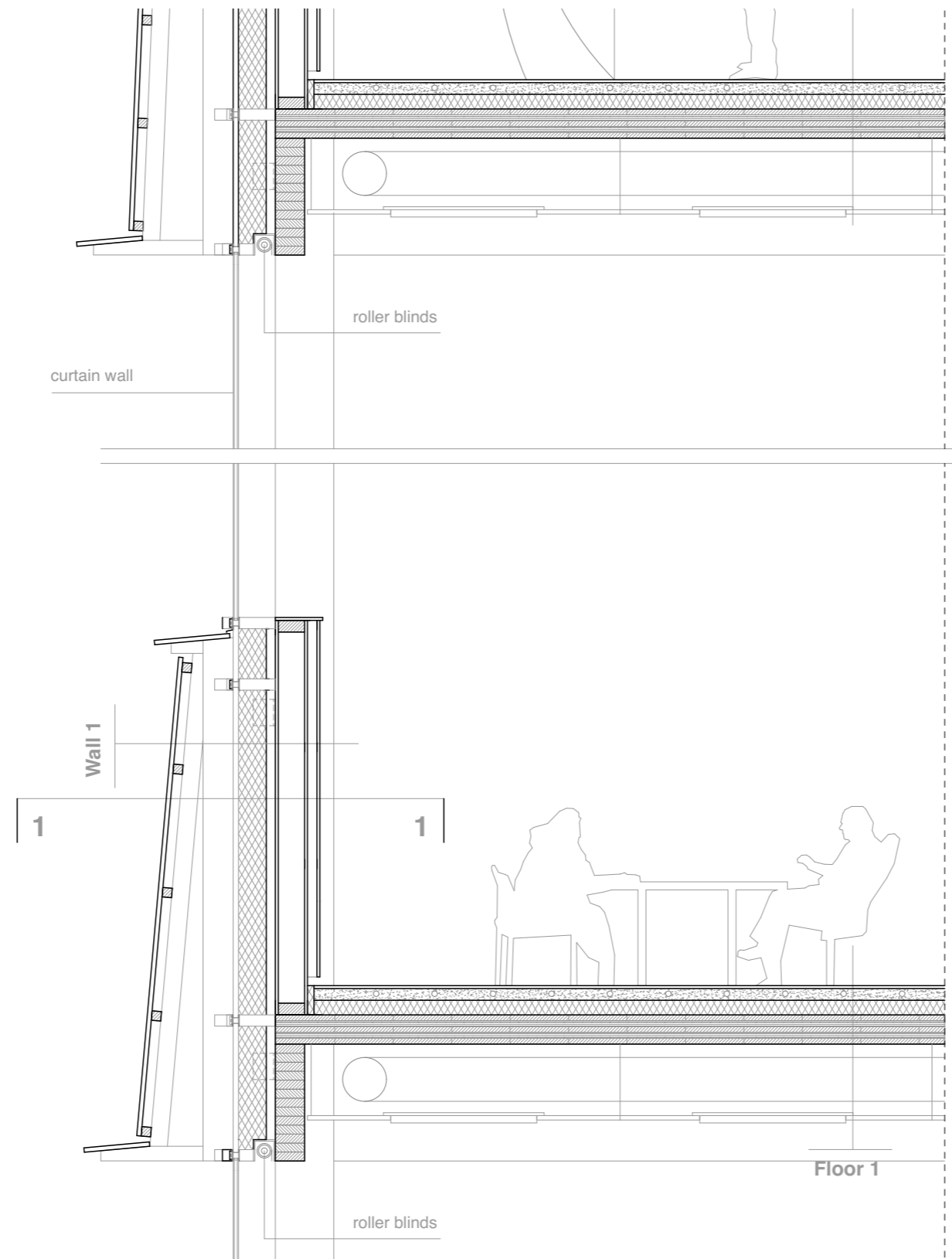


North Elevation



Perspective View – Elevation





concrete slab	400 mm
lean concrete	150 mm

#### Floor 5

levelling compound	5 mm
cement screed with heating pipes	80 mm
PE separation layer	
mineral wool soundproofing insulation	250 mm
cross-laminated timber slab	200 mm
installation cavity	500 mm
timber lowered ceiling panels	30 mm

#### Wall 1

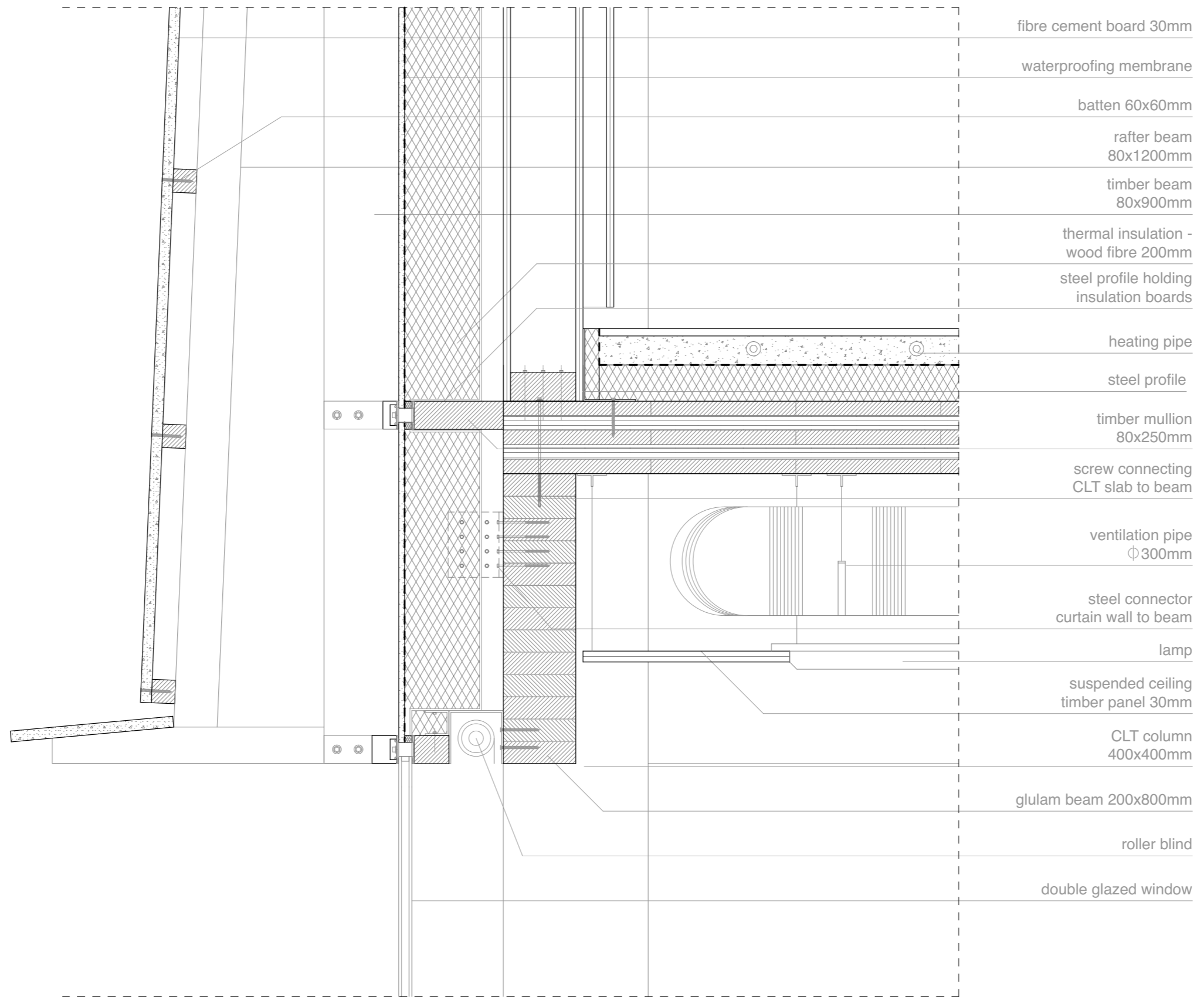
fibre cement boards	30 mm
counter battens - support for panels	60 mm
battens - support for panels	120 mm
ventilated cavity	up to 300 mm
timber beams	200 mm
curtain wall system panel	20 mm
thermal insulation - wood fibre boards	200 mm
curtain wall system panel	20 mm
cavity	50 mm
timber stud wall	200 mm
timber panels mounted on supporting beams	80 mm

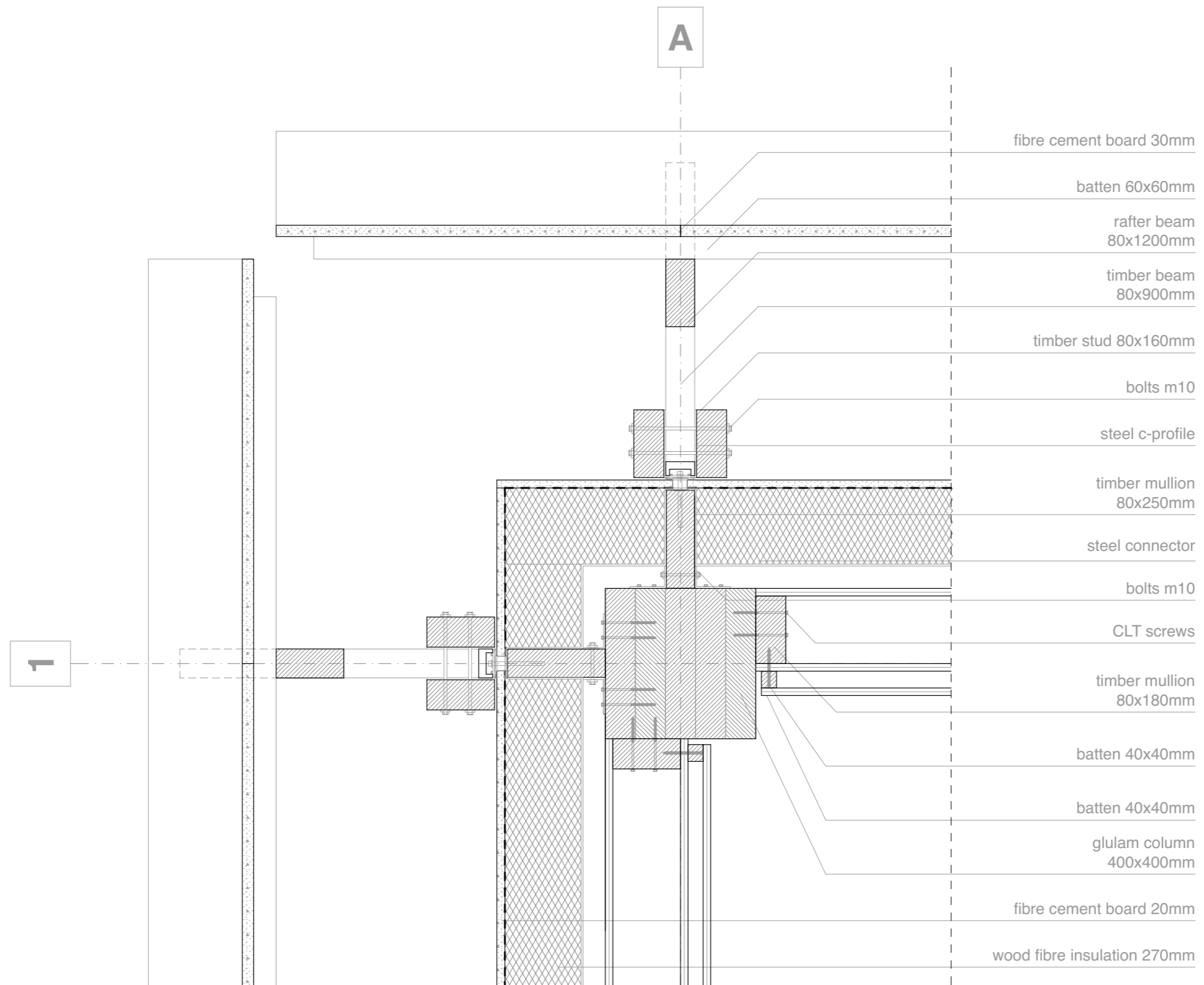
#### Wall 2

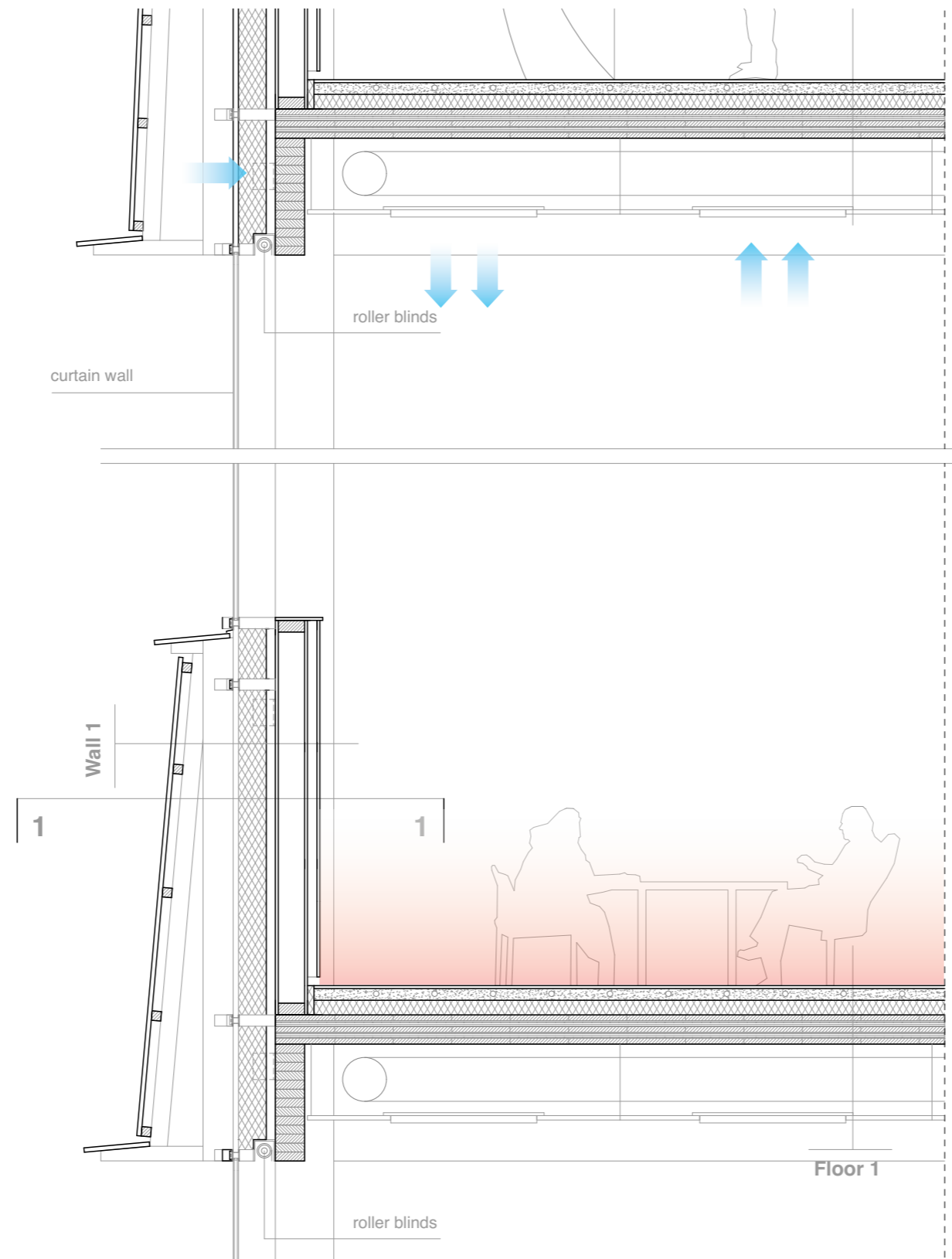
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counter battens - support for panels	60 mm
battens - support for panels	120 mm
ventilated cavity	up to 300 mm
timber beams	200 mm
curtain wall system panel	20 mm
thermal insulation - wood fibre boards	200 mm
curtain wall system panel	20 mm
cavity	50 mm
structural beam 800x200 mm	200 mm

#### Wall 3

thermal insulation	200 mm
waterproof membrane	
reinforced concrete wall	300 mm







concrete slab	400 mm
lean concrete	150 mm

#### Floor 5

levelling compound	5 mm
cement screed with heating pipes	80 mm
PE separation layer	
mineral wool soundproofing insulation	250 mm
cross-laminated timber slab	200 mm
installation cavity	500 mm
timber lowered ceiling panels	30 mm

#### Wall 1

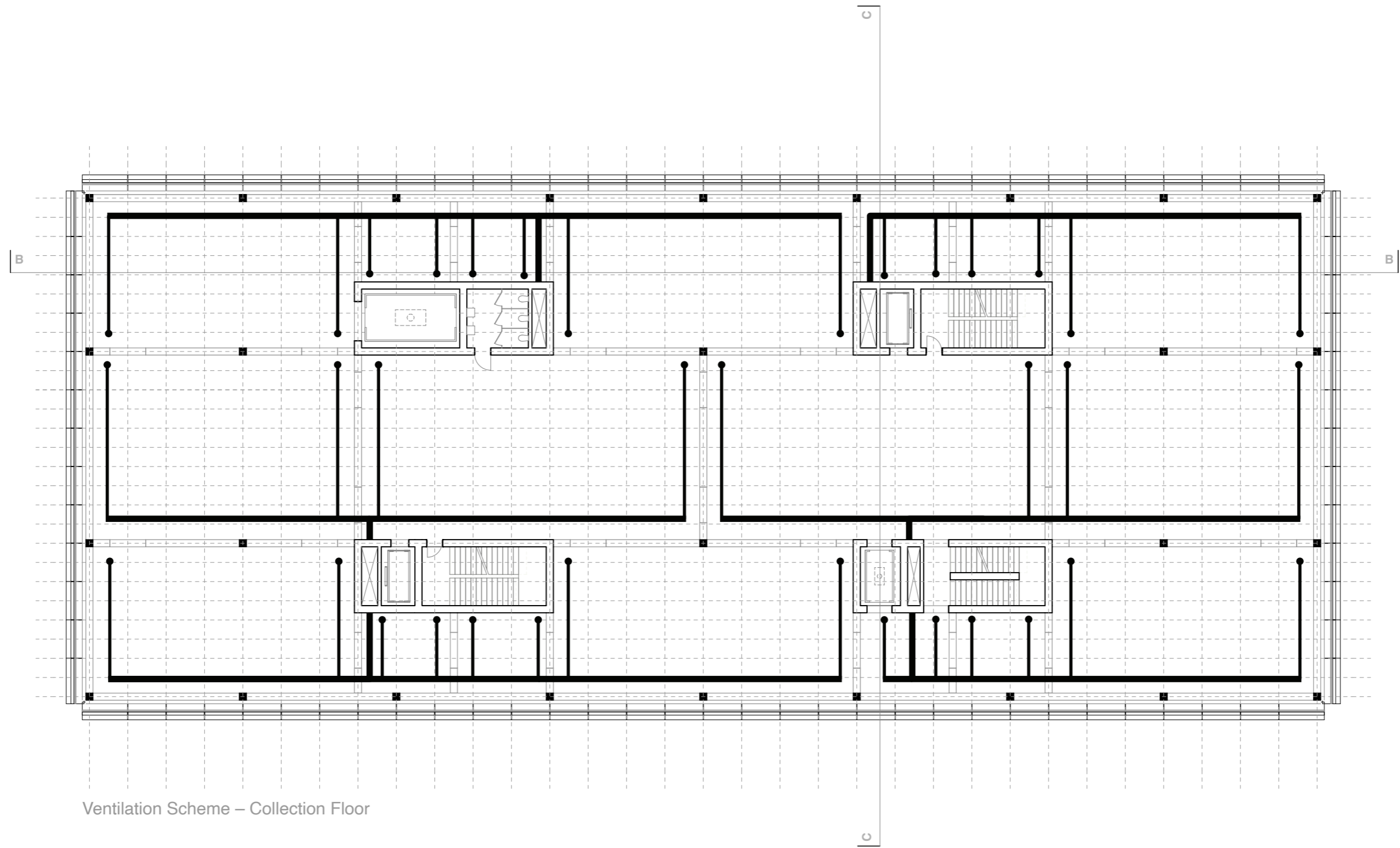
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#### Wall 2

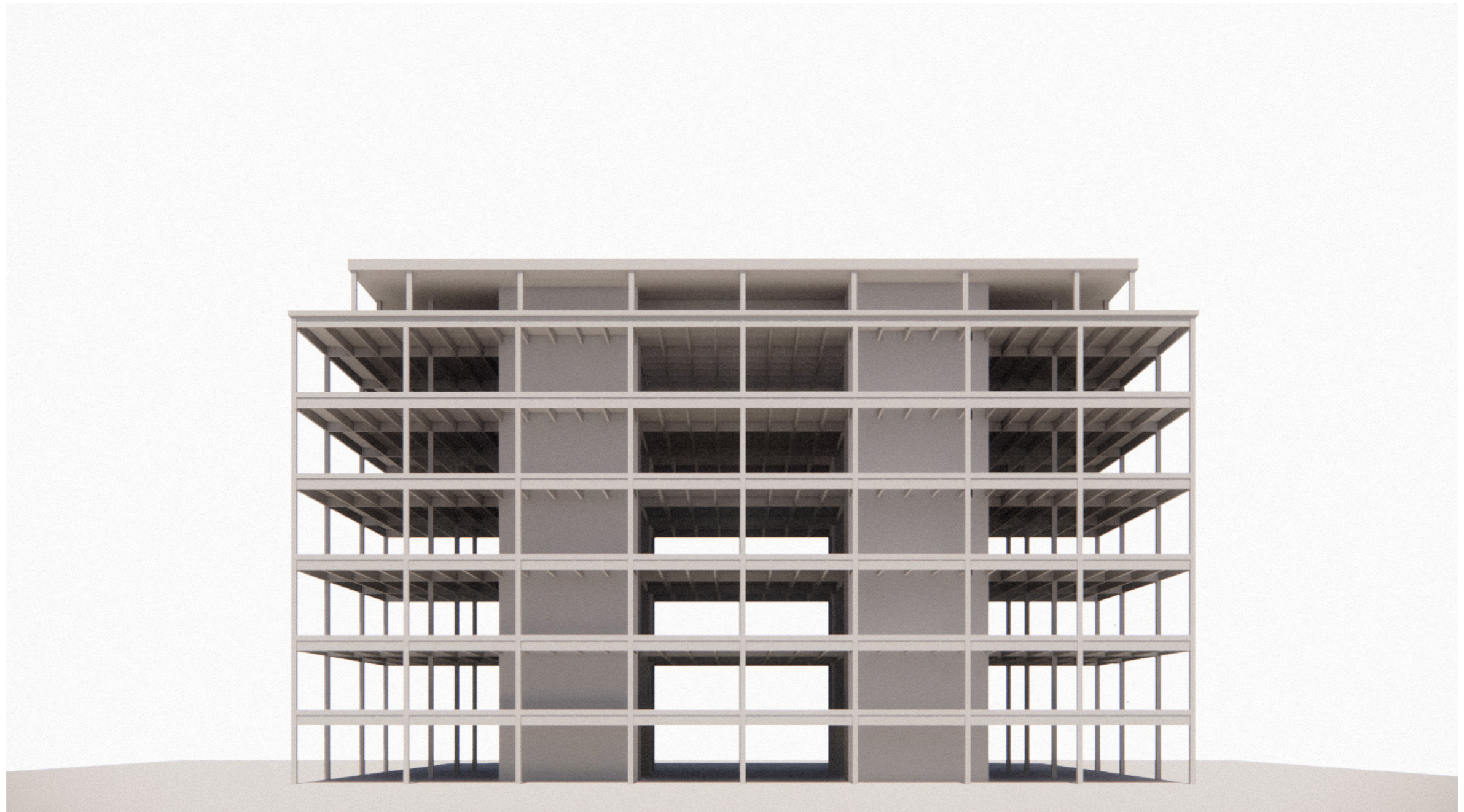
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thermal insulation - wood fibre boards	200 mm
curtain wall system panel	20 mm
cavity	50 mm
structural beam 800x200 mm	200 mm

#### Wall 3

thermal insulation	200 mm
waterproof membrane	
reinforced concrete wall	300 mm



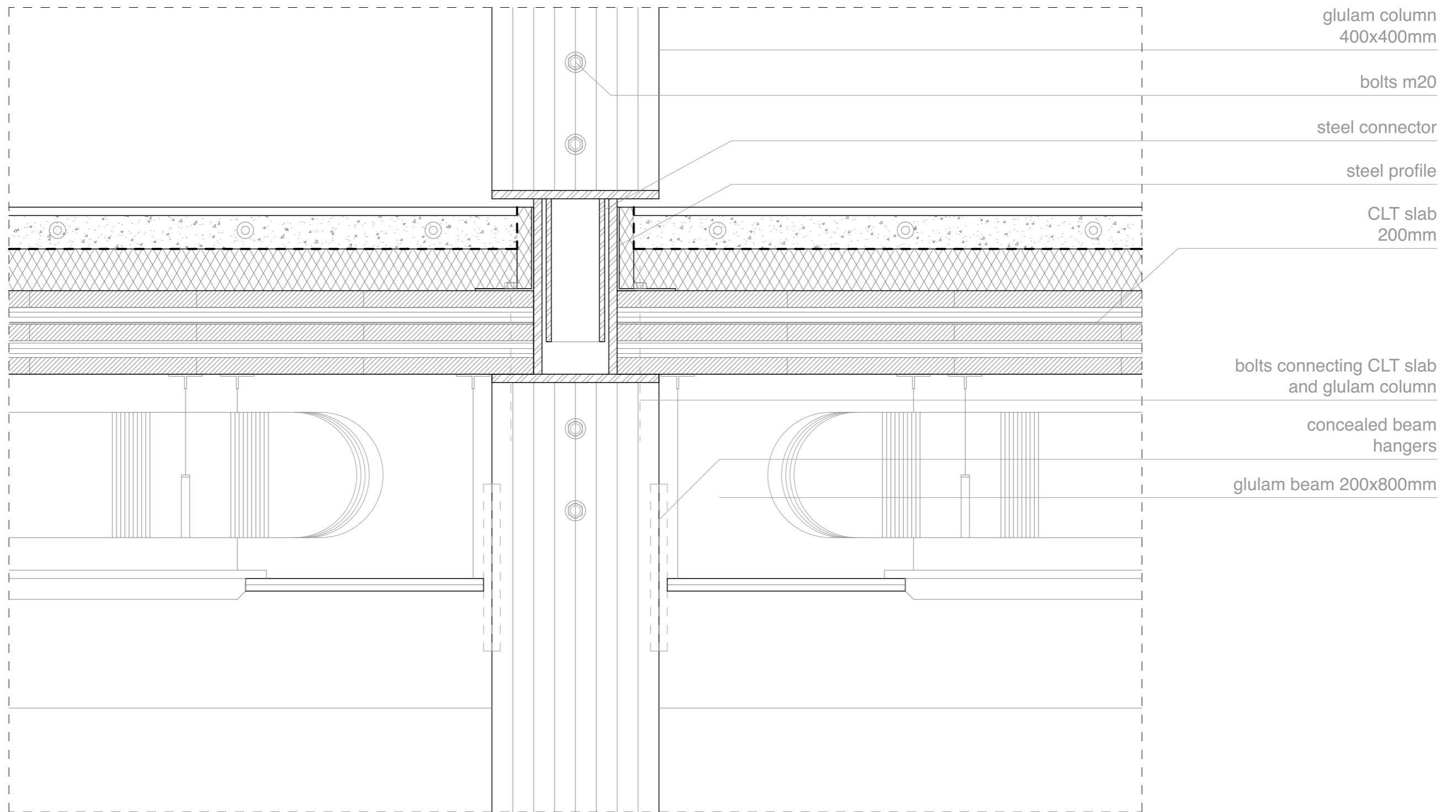
Ventilation Scheme – Collection Floor



Structural Model



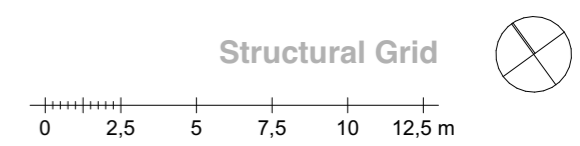
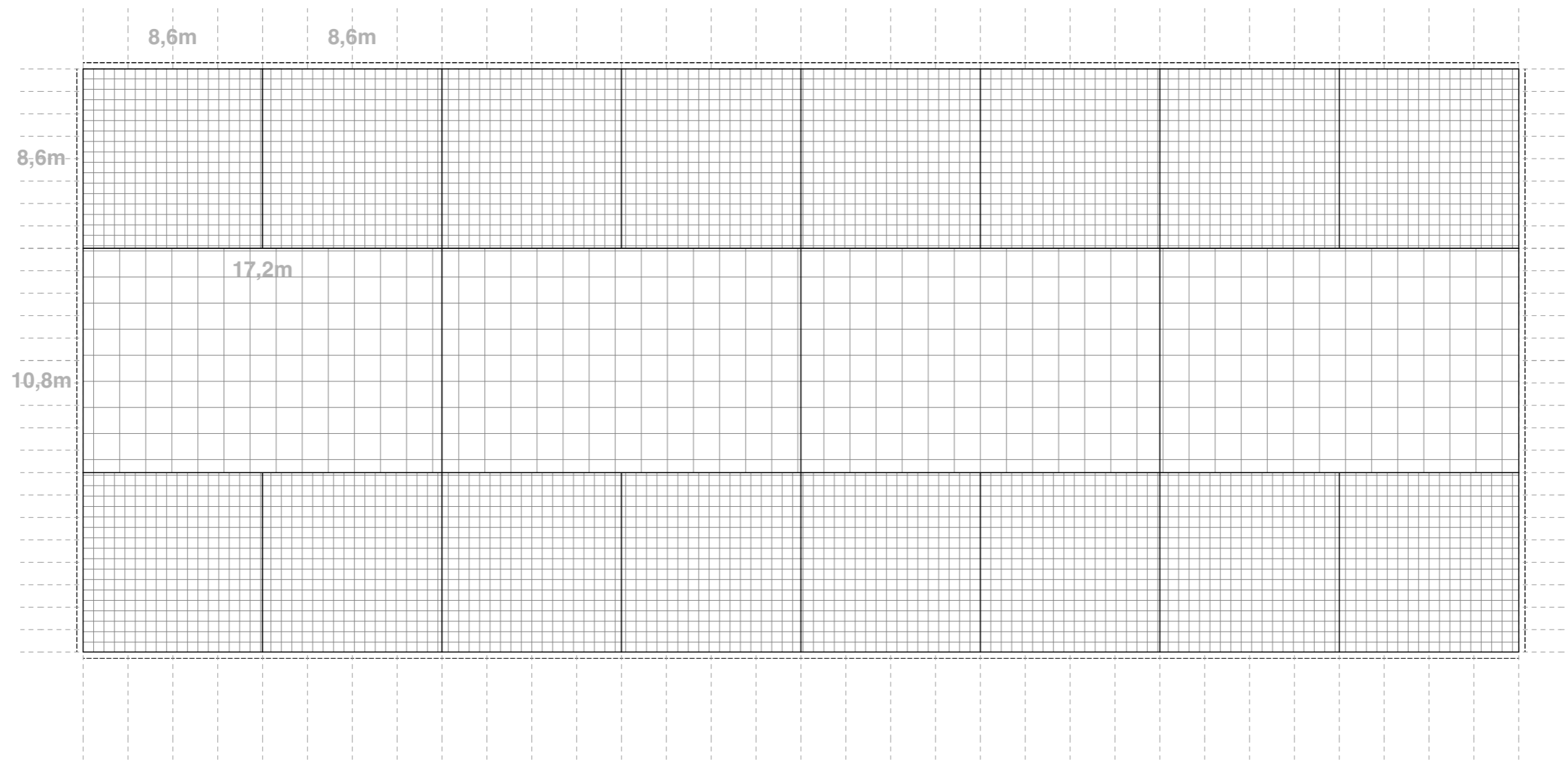
Primary Timber Structure – Glue-Laminated Columns and Beams

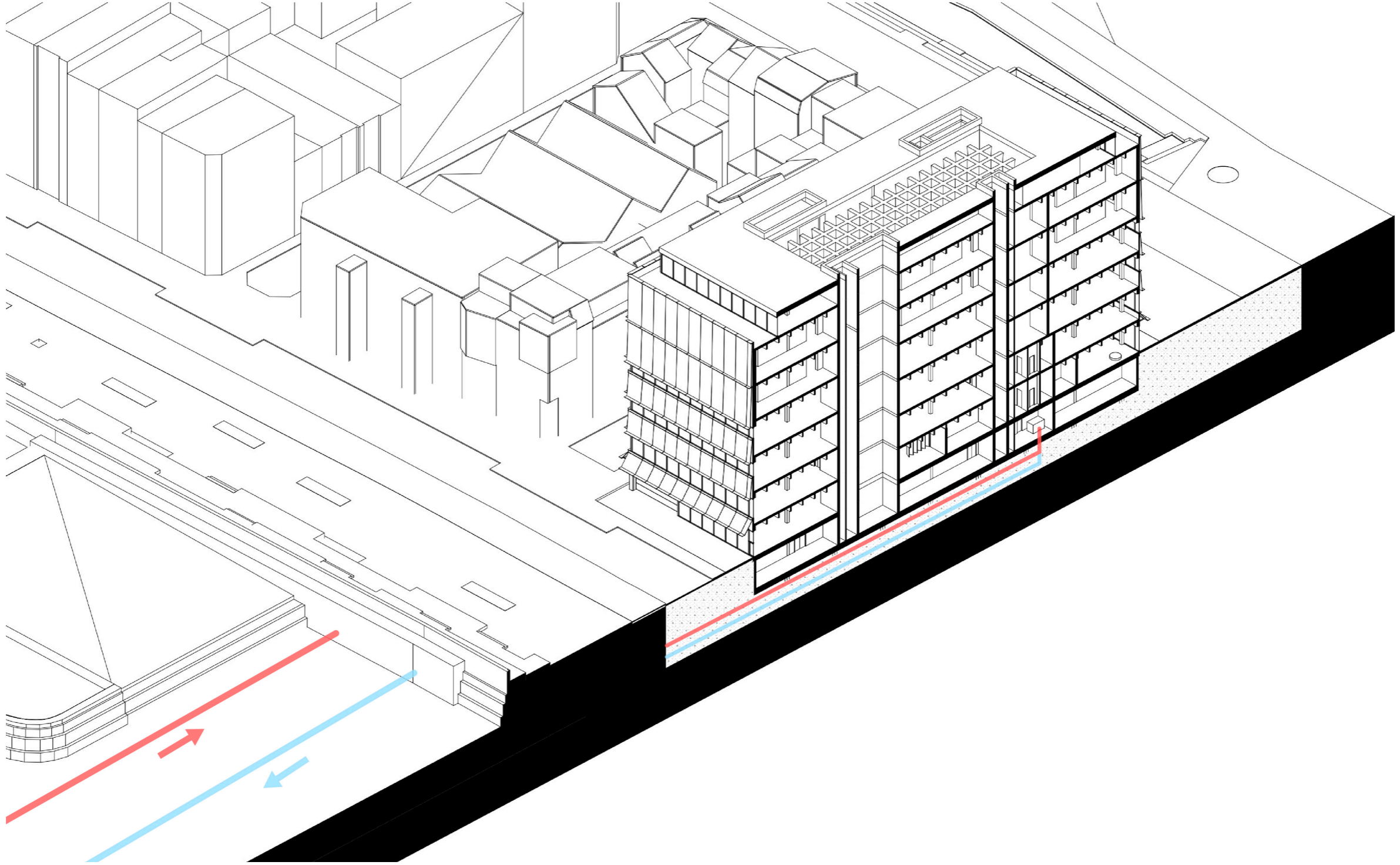






Construction Works





Isometric Section – Heat Pump Scheme



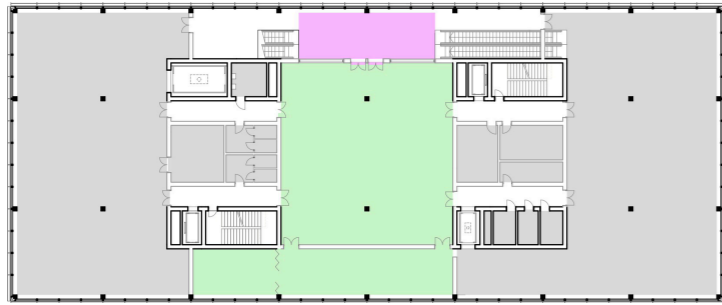
Panoramic View – West Bank

Net Area and Volume Table - Proposed			Required - Brief	
Category	Area	Volume	Area	Volume
Archive	1 331,25	7 182,34		
	1 331,25 m <sup>2</sup>	7 182,34 m <sup>3</sup>	1901,00 m <sup>2</sup>	7 470,00 m <sup>3</sup>
Back-Office	1 860,97	10 039,05		
	1 860,97 m <sup>2</sup>	10 039,05 m <sup>3</sup>	3337,00 m <sup>2</sup>	17 123,00 m <sup>3</sup>
Collection	3 320,76	19 456,56		
	3 320,76 m <sup>2</sup>	19 456,56 m <sup>3</sup>	3302,00 m <sup>2</sup>	16 408,00 m <sup>3</sup>
Exhibition	3 372,10	19 895,39		
	3 372,10 m <sup>2</sup>	19 895,39 m <sup>3</sup>	3150,00 m <sup>2</sup>	19 800,00 m <sup>3</sup>
Forum	2 626,66	12 293,94		
	2 626,66 m <sup>2</sup>	12 293,94 m <sup>3</sup>	3608,00 m <sup>2</sup>	25 140,00 m <sup>3</sup>
	<b>12 511,74 m<sup>2</sup></b>	<b>68 867,28 m<sup>3</sup></b>	<b>15 028,00 m<sup>2</sup></b>	<b>84 863,00 m<sup>3</sup></b>

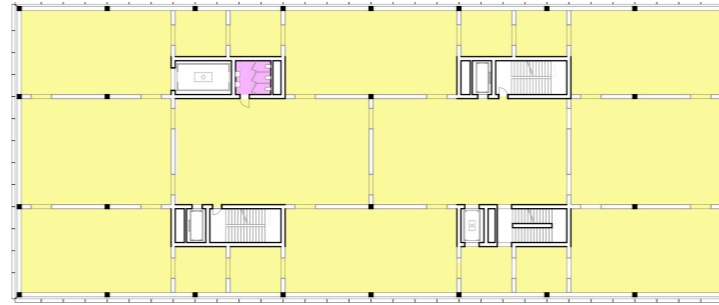
\* Main Forum Room - open space with predefined functions

\* Reduced Depot and Archive

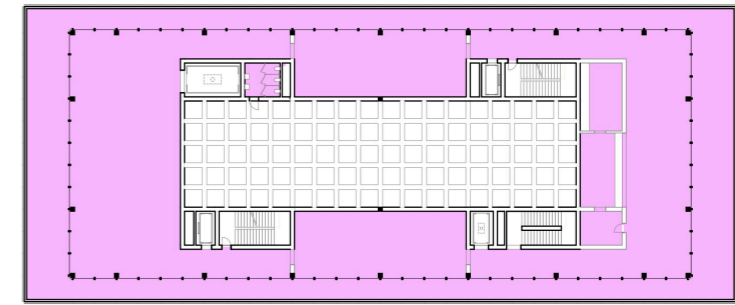
Required - Adjusted Brief*	
Area	Volume
<b>12 455,00 m<sup>2</sup></b>	<b>54 814,00 m<sup>3</sup></b>



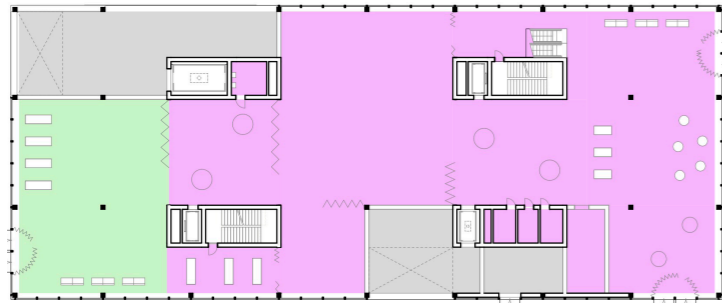
Floor +1



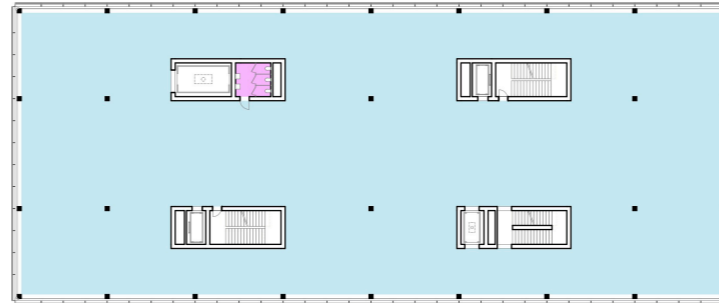
Floor +4



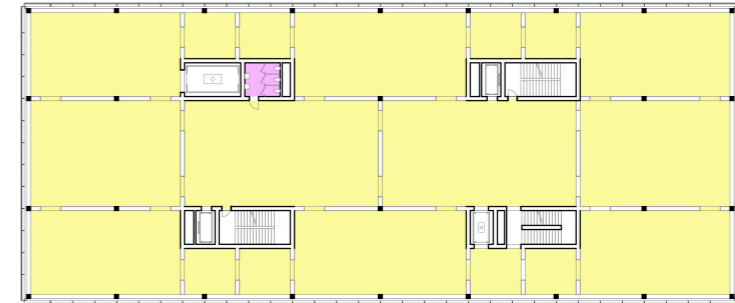
Floor +6



Ground Floor



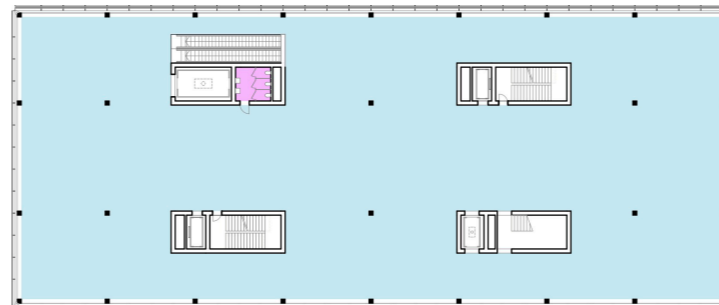
Floor +3



Floor +5



Basement



Floor +2



Perspective View – River Banks



Design Process





Design Process – Model as a Tool