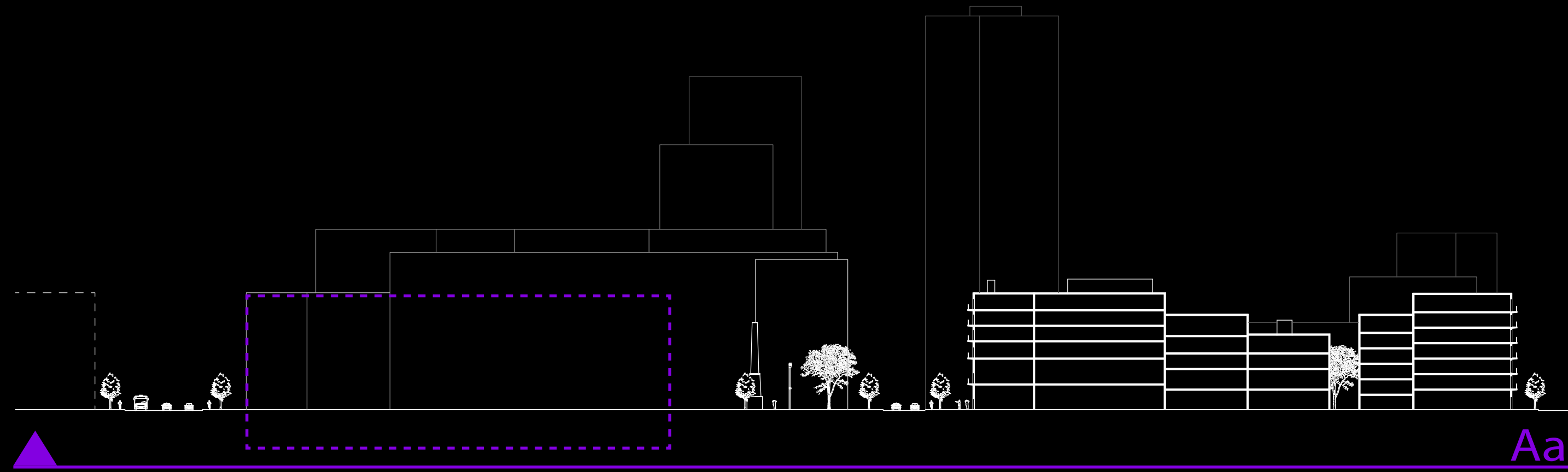


Pla General Metropolità

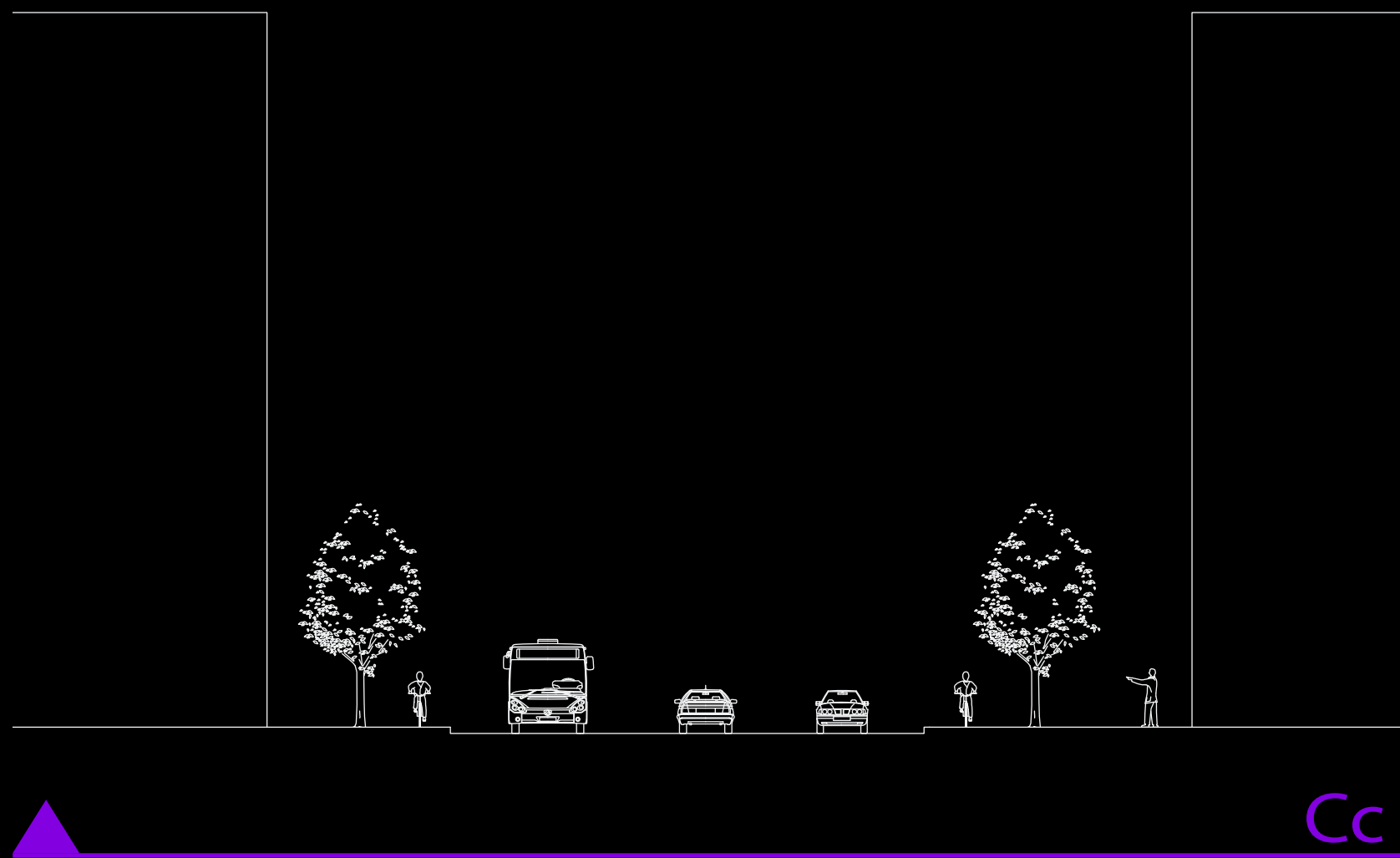
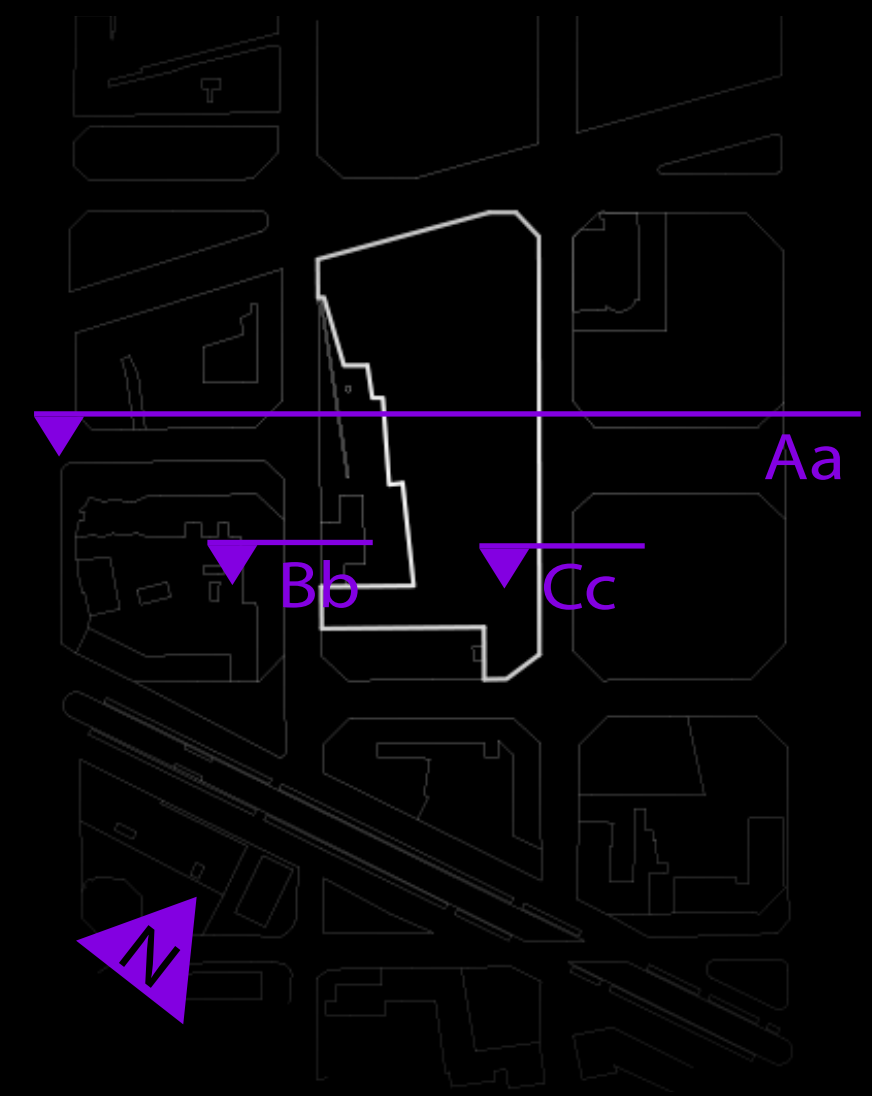
street typologies

01



cross section site

0 35m



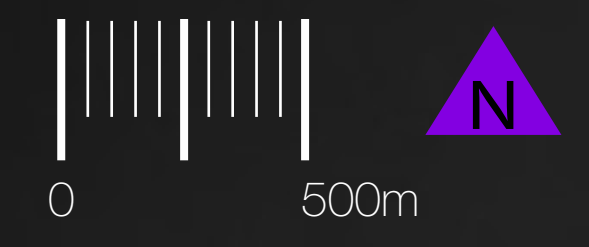
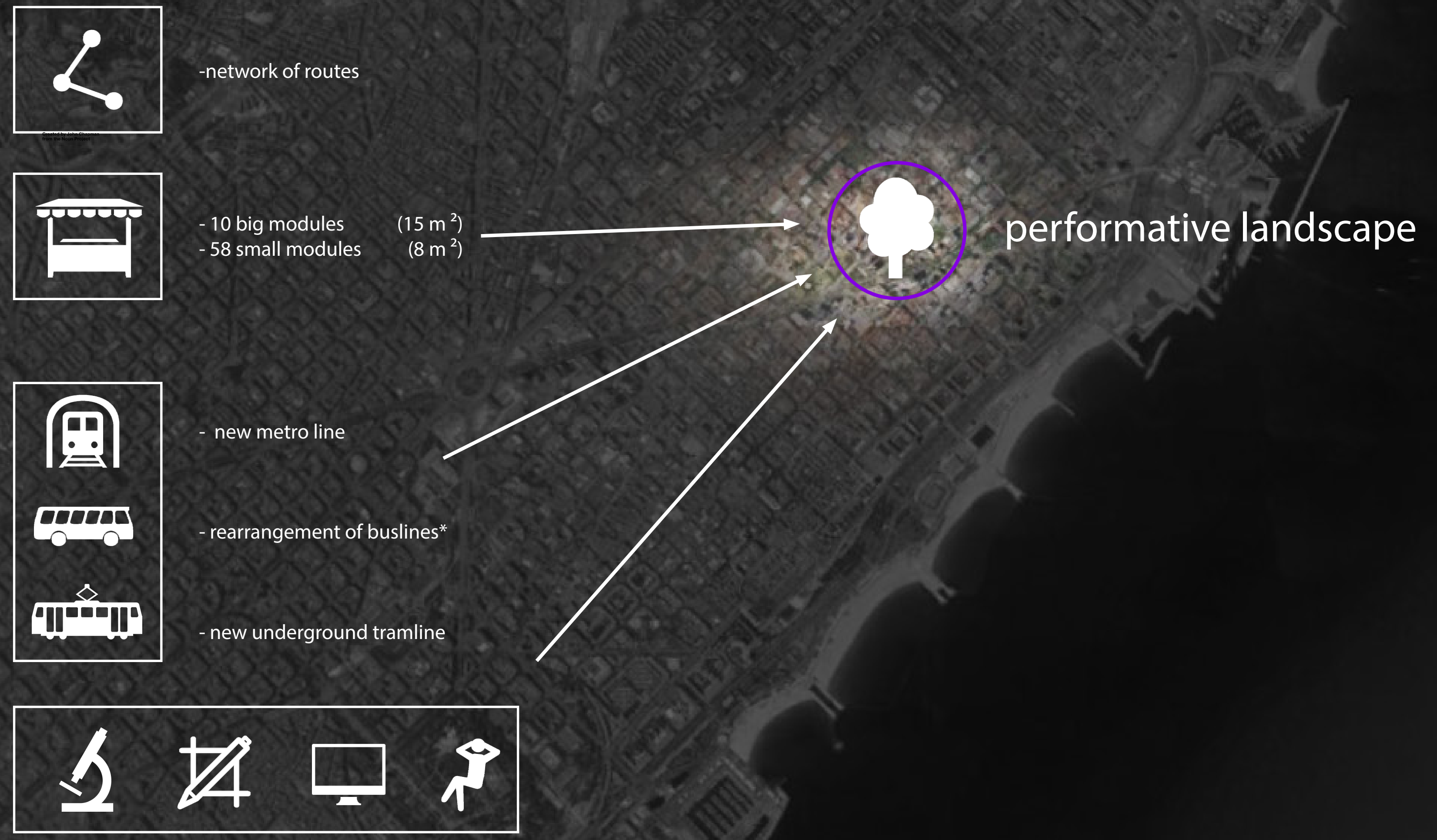
cross section primary street

0 10m

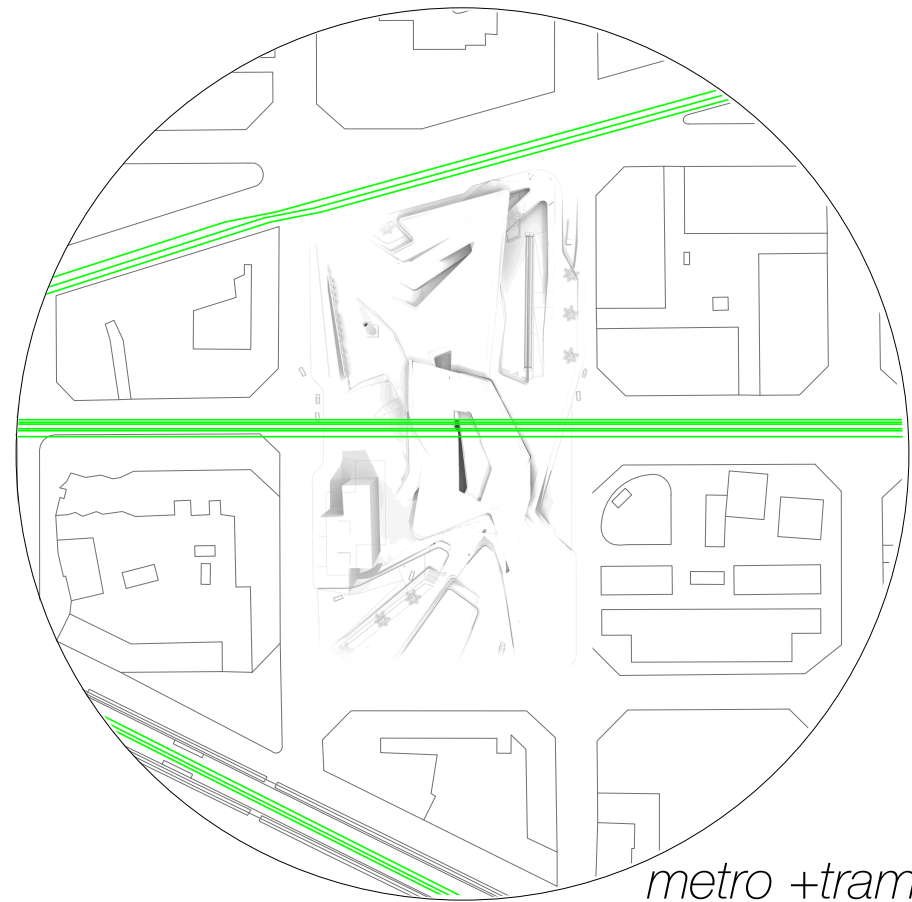


cross section secondary street

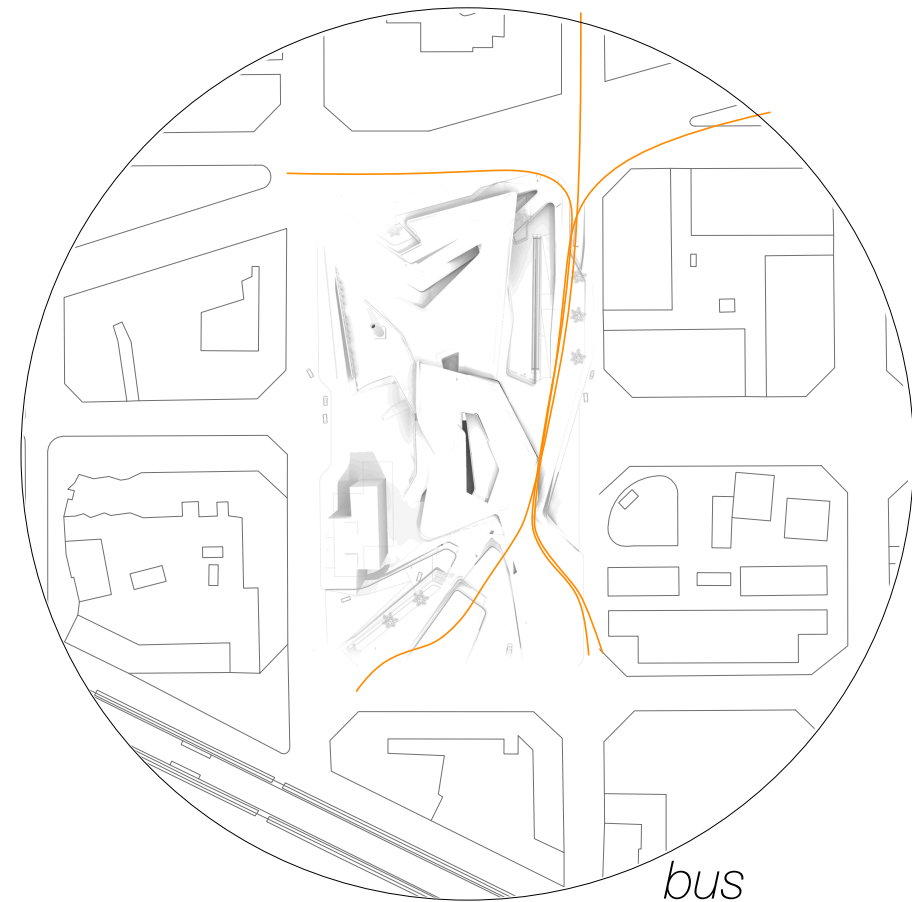
0 10m



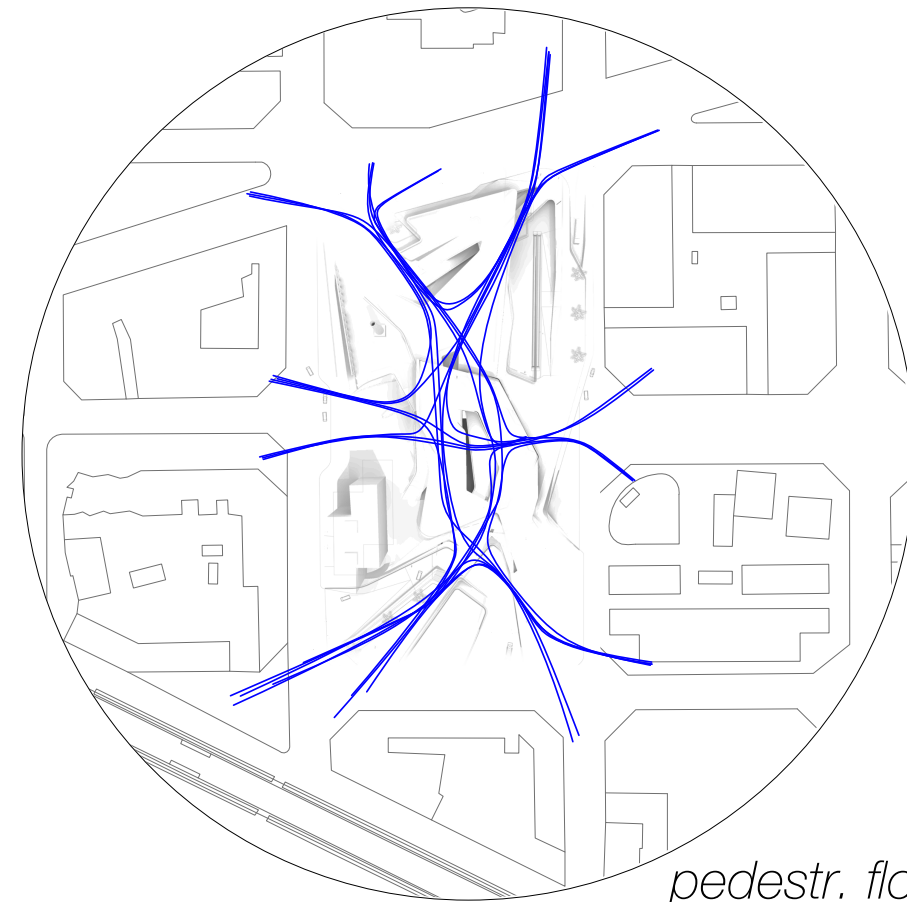
*conform Nova Xarxa de bus, Ajuntament de Barcelona 2013



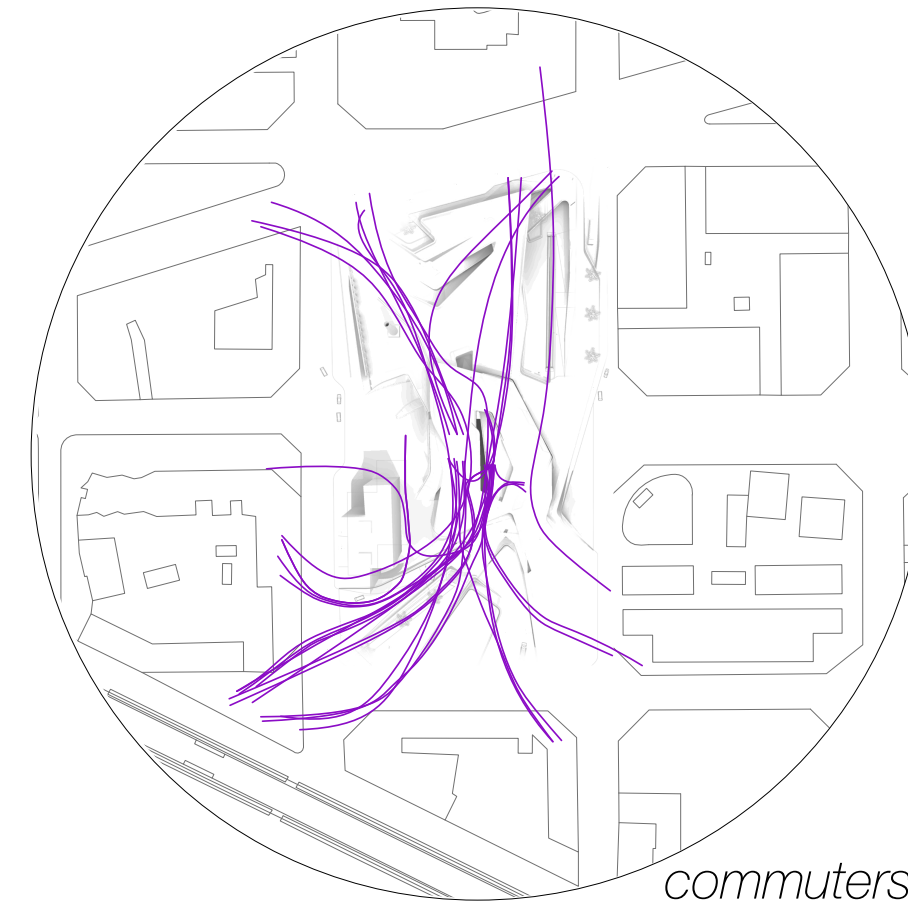
metro +tram



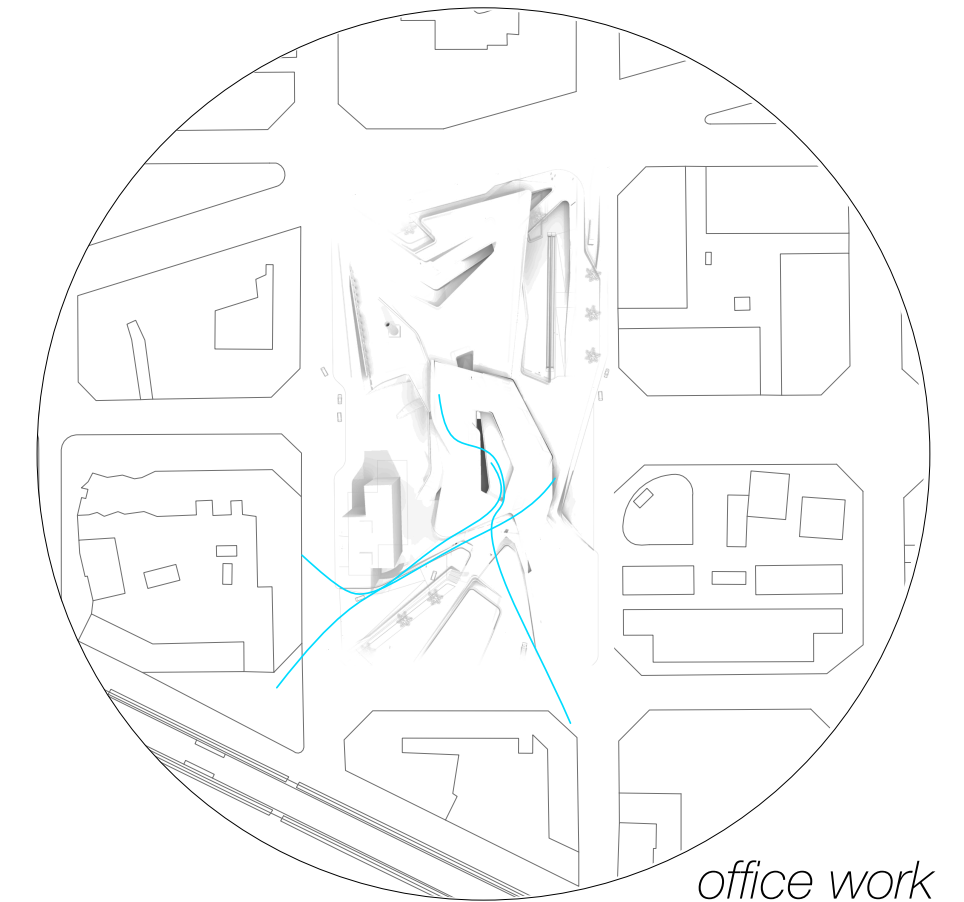
bus



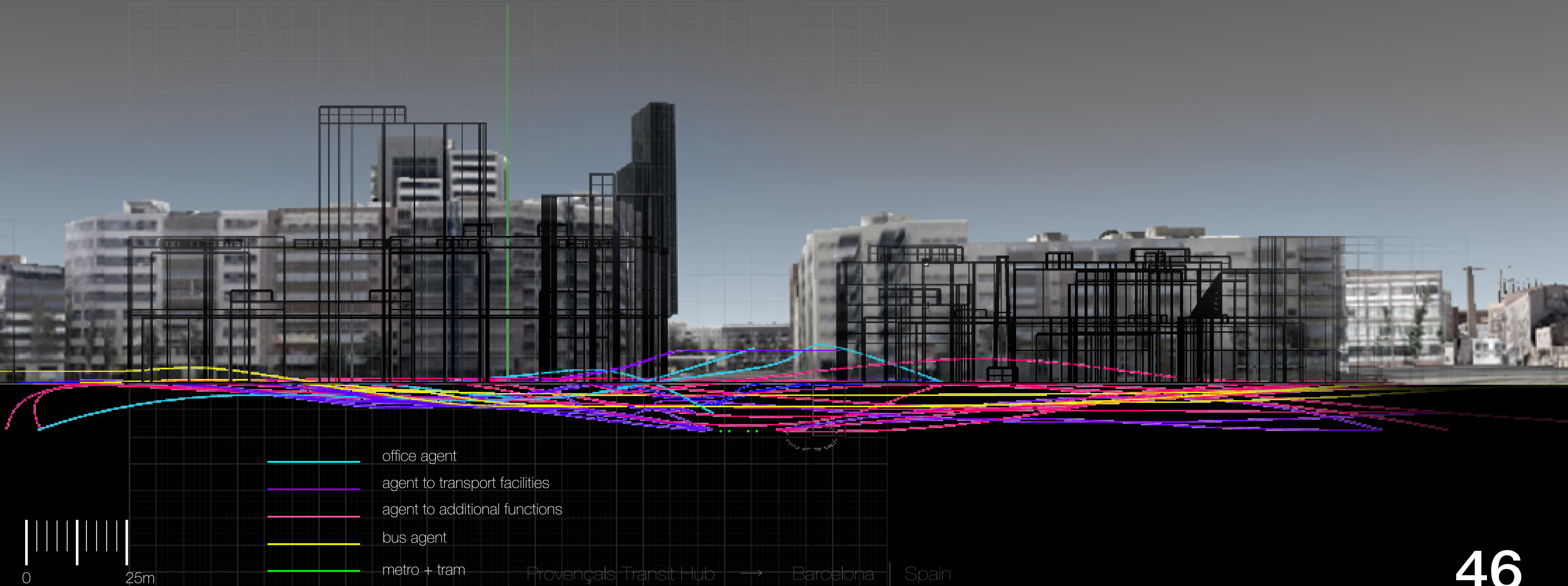
pedestr. flow



commuters

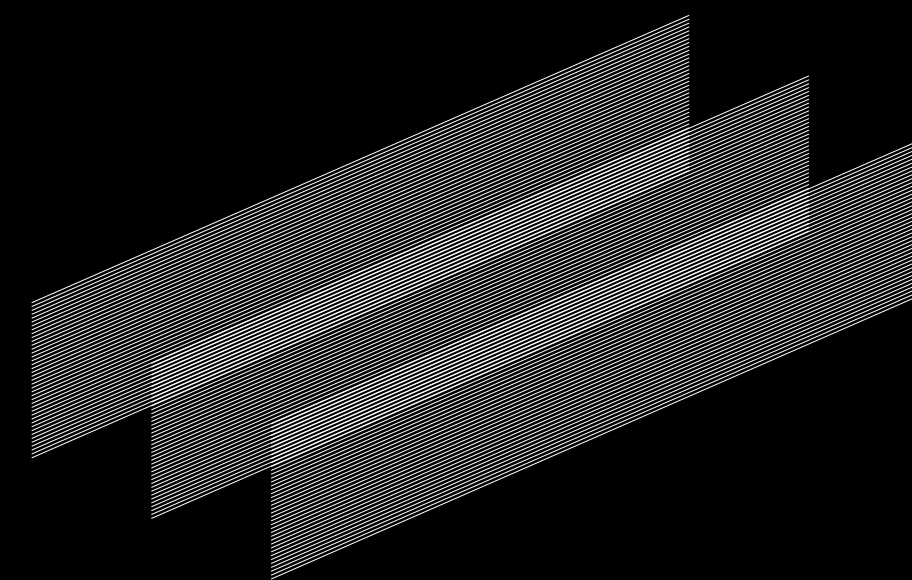


office work



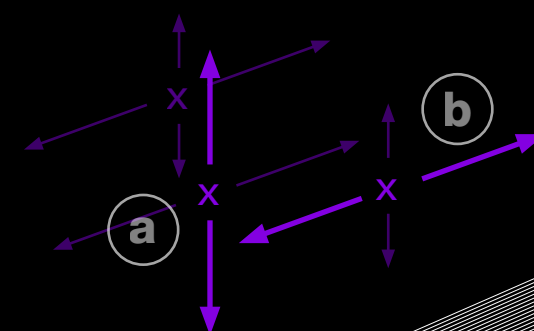
1 introduction of grid

-introduce grid sections
into generated pointcloud



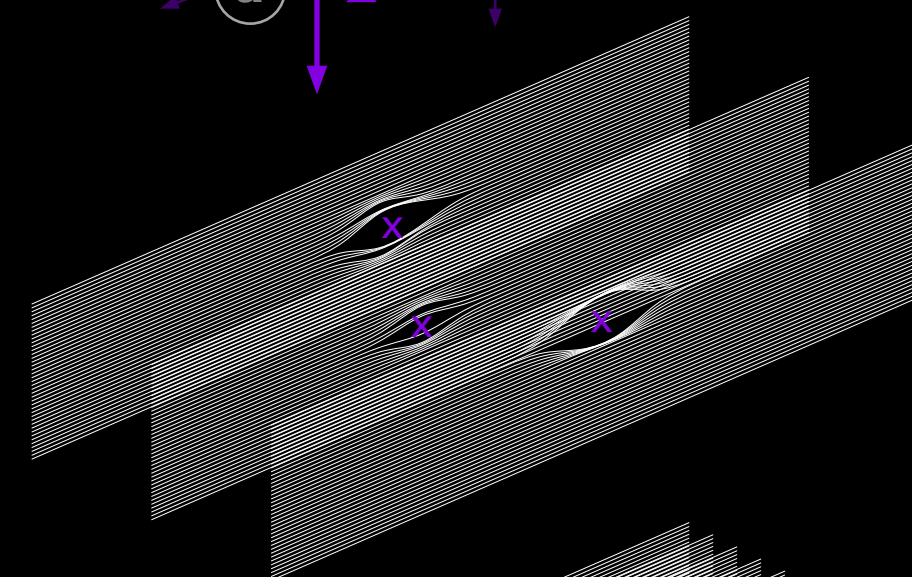
2 param.pointcloud

- a** -parameter: min. heigth
- b** -parameter: min. width



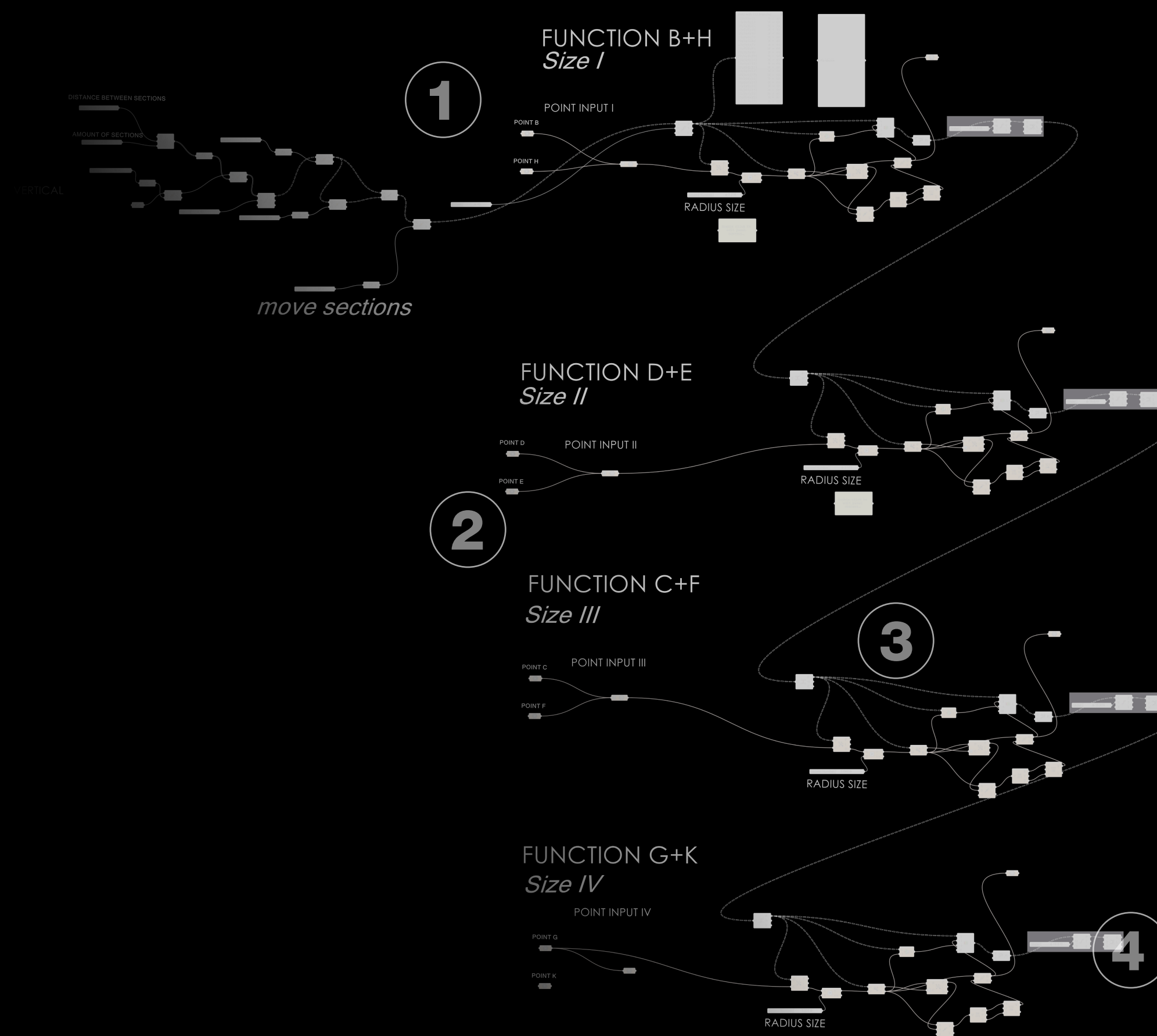
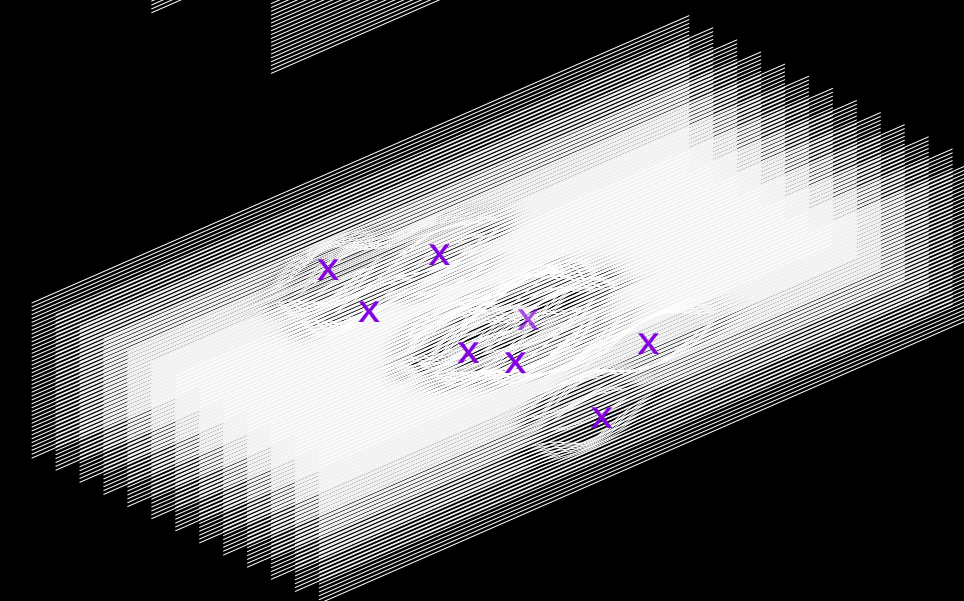
3 interpolation of data

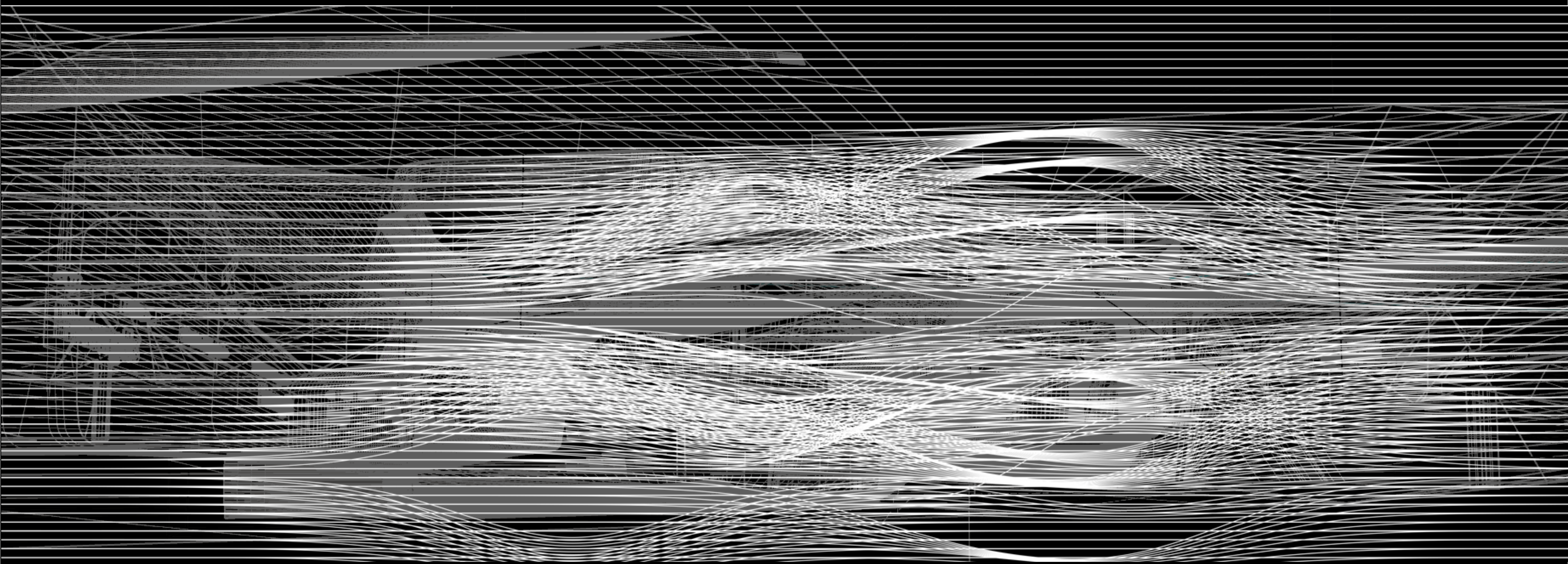
-deformation of grid by
interpolated data



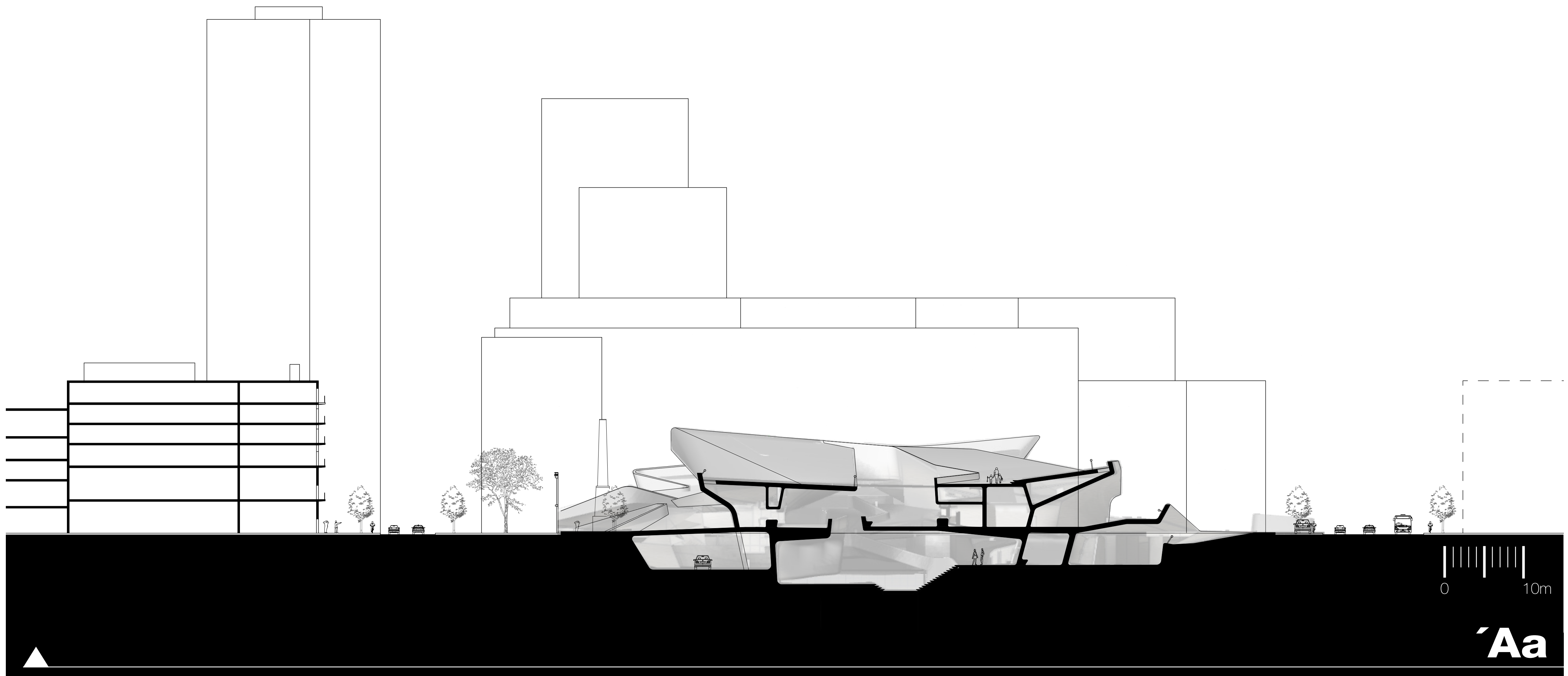
4 generated space

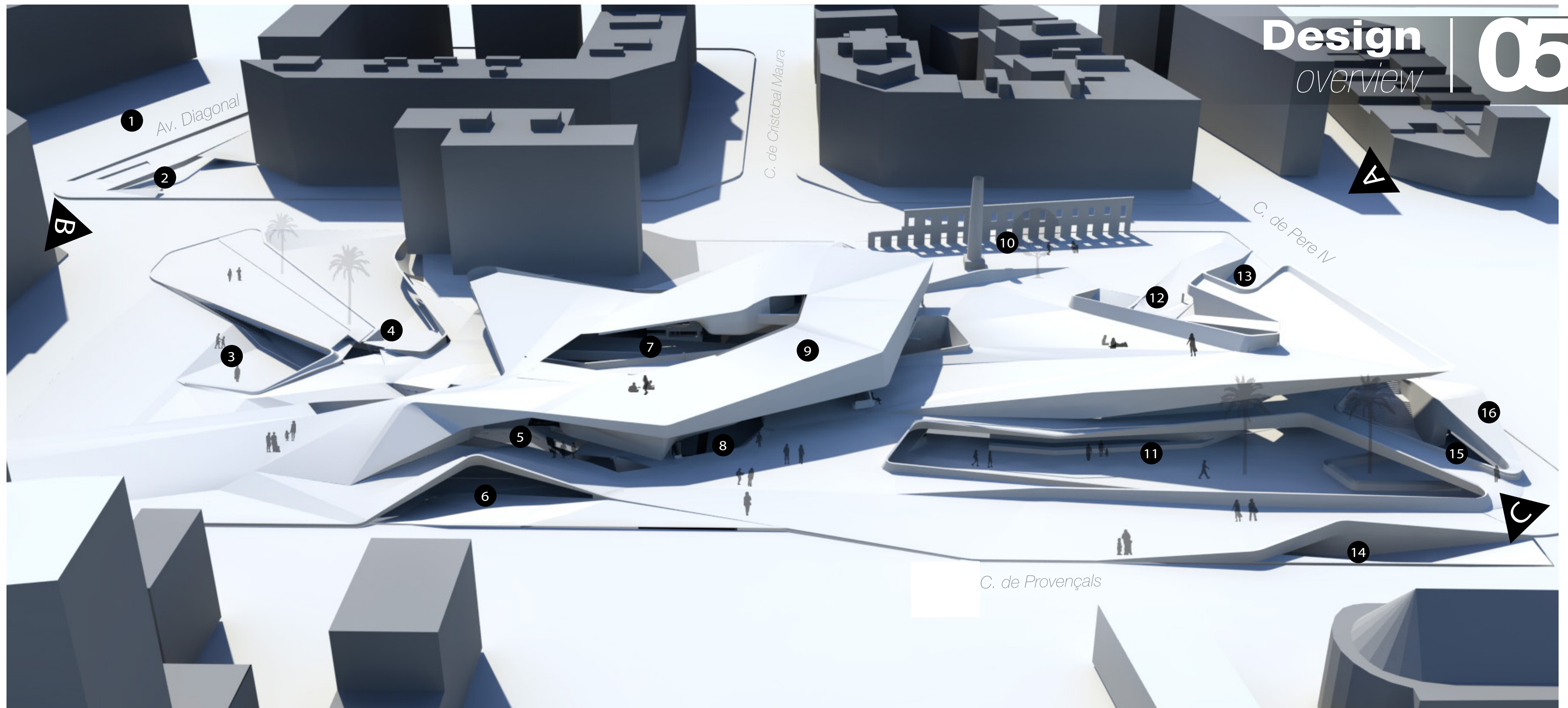
-continuous space generated
by combining interpolated
sections









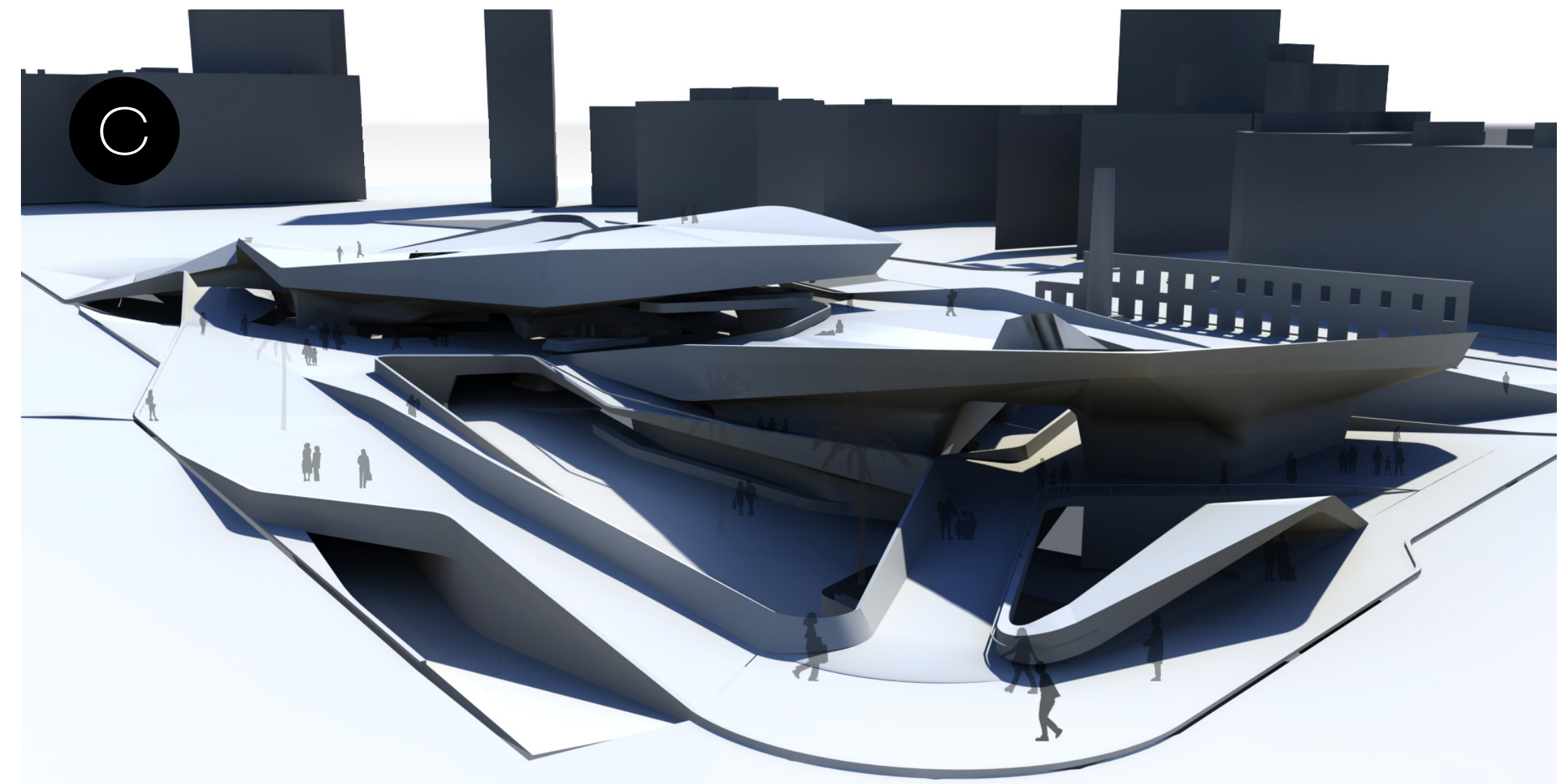
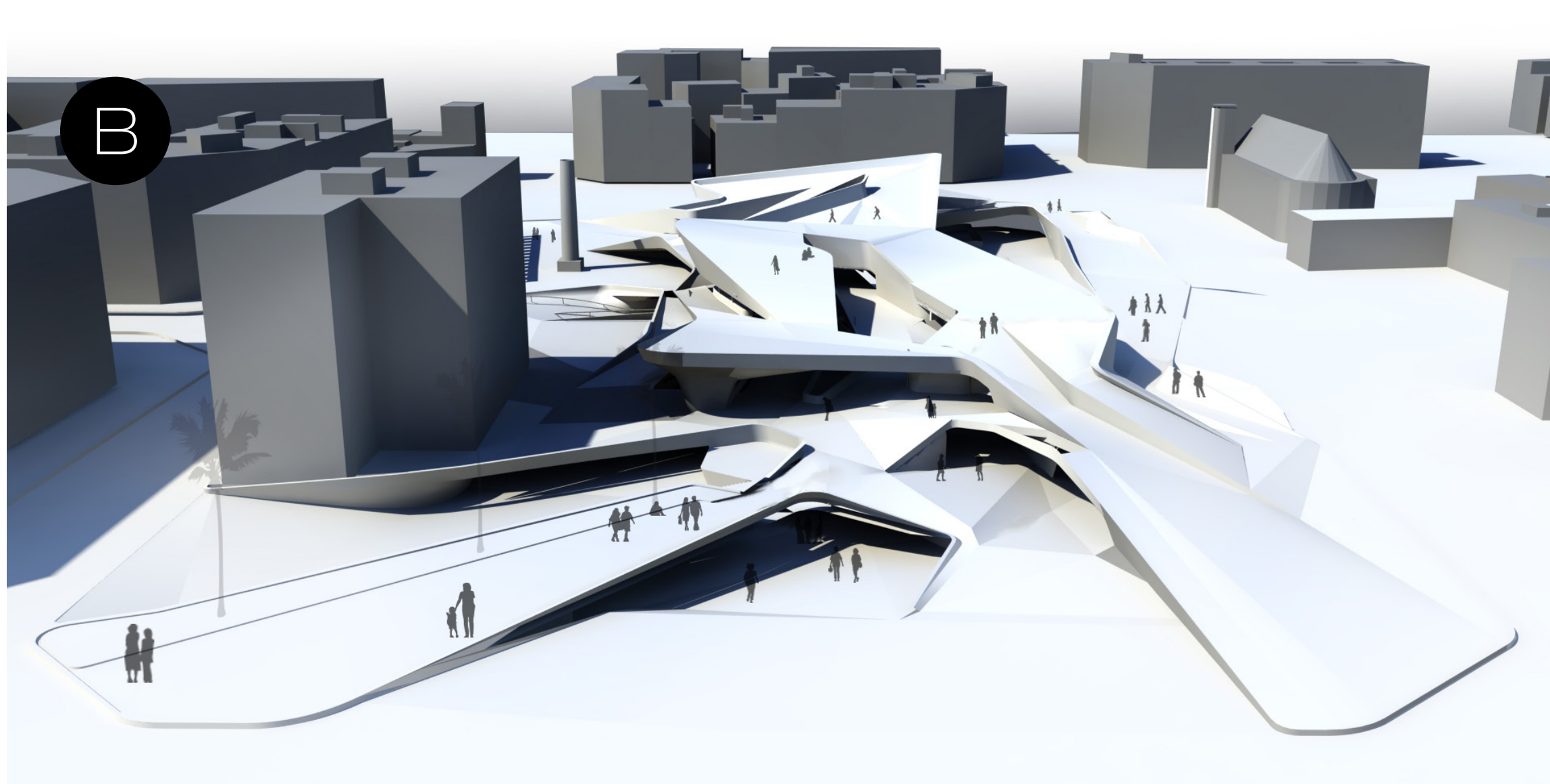
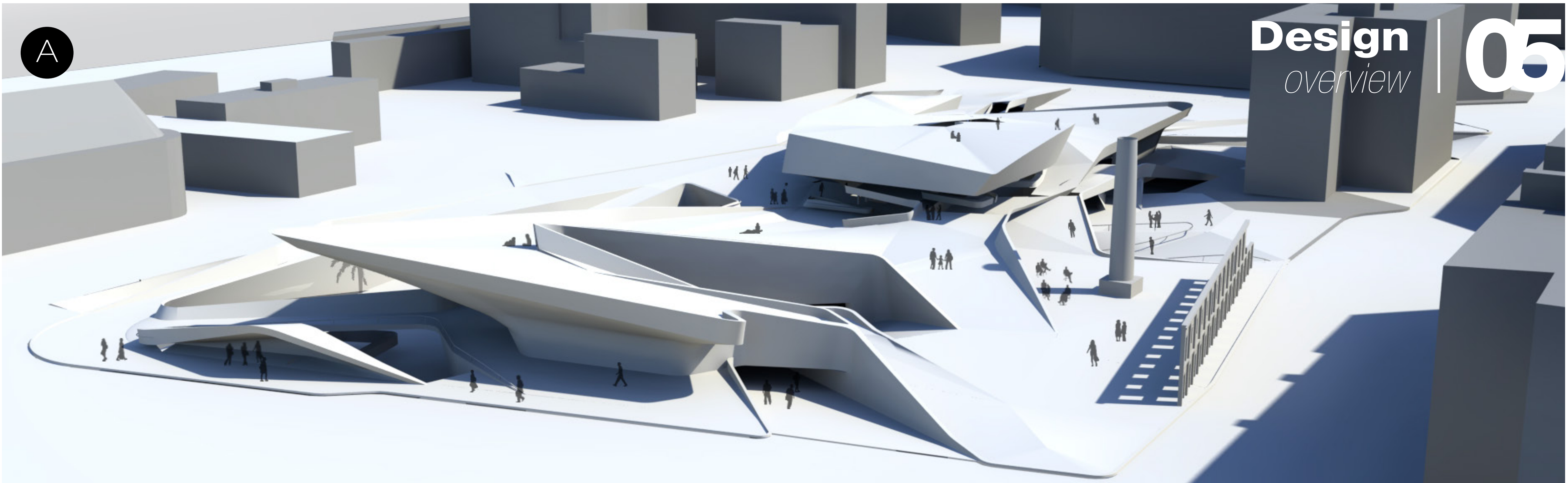


- 1 tram stop Diagonal Av. (P0)
- 2 fast track entrance
- 3 metro entrance
- 4 parking entrance

- 5 offices entrance
- 6 bus stop (P-1)
- 7 market hall (P0)
- 8 fast track entrance

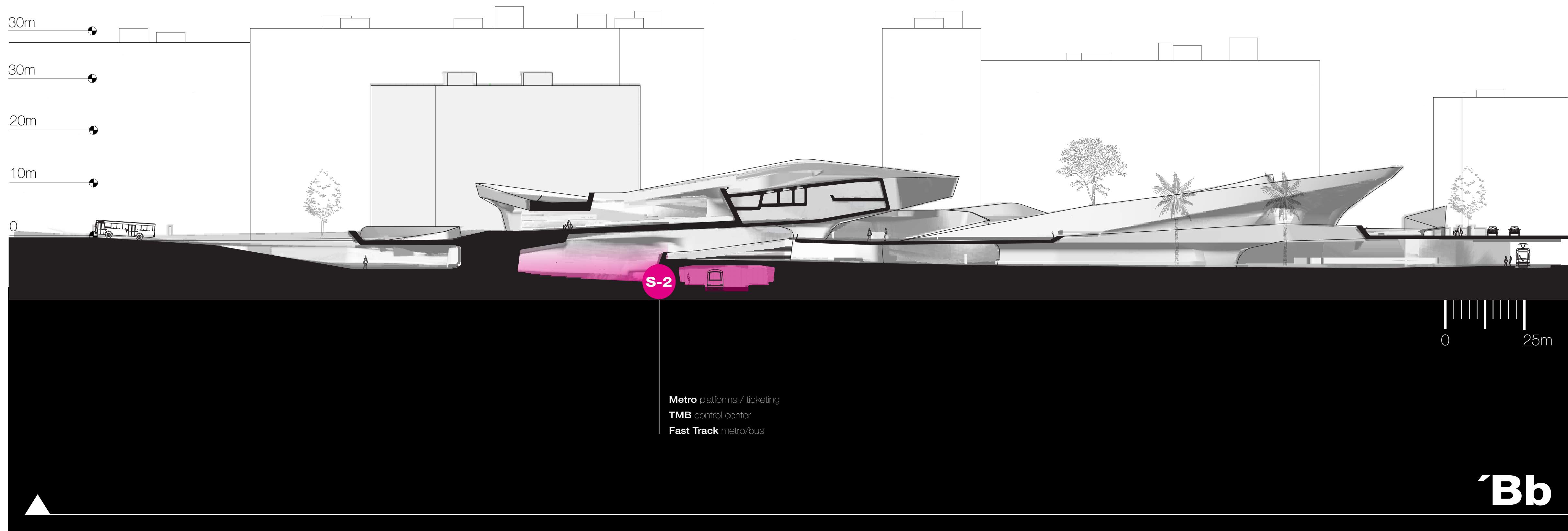
- 9 roofscape
- 10 industrial heritage
- 11 market hall (P-1)
- 12 entrance to health & wellness

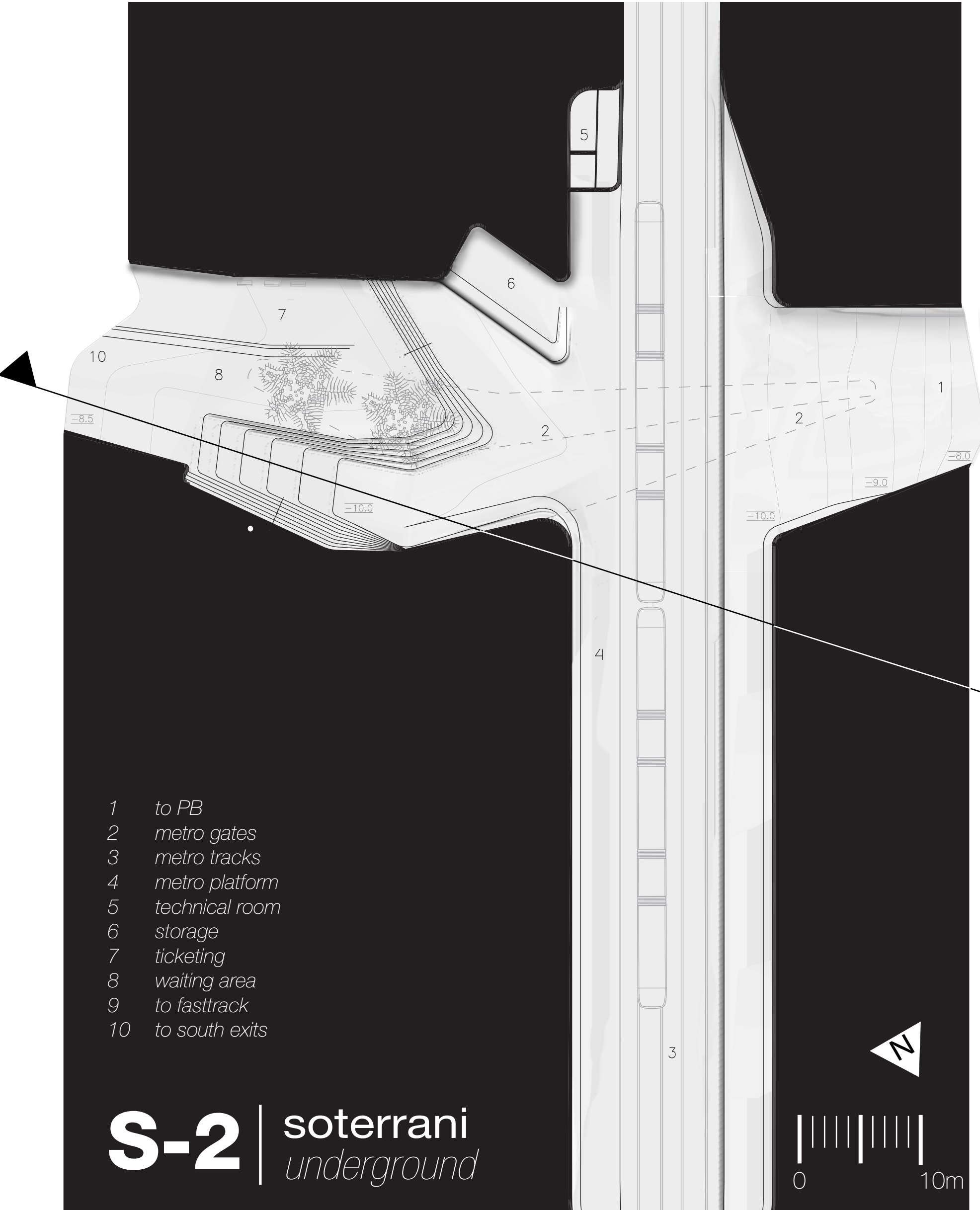
- 13 truck entrance
- 14 bus tunnel entrance
- 15 tram stop C. de Pere IV (P-1)
- 16 taxi stop



S-2 | soterrani
underground

1

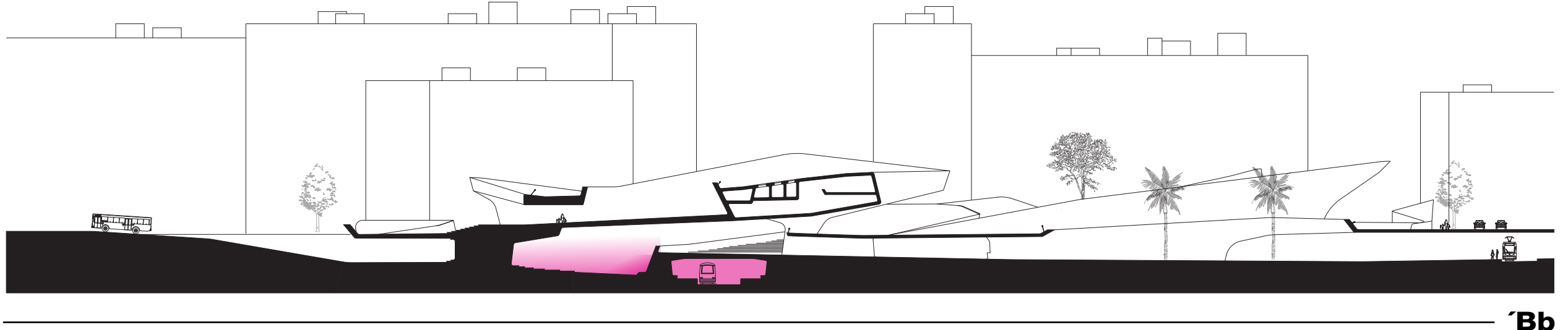
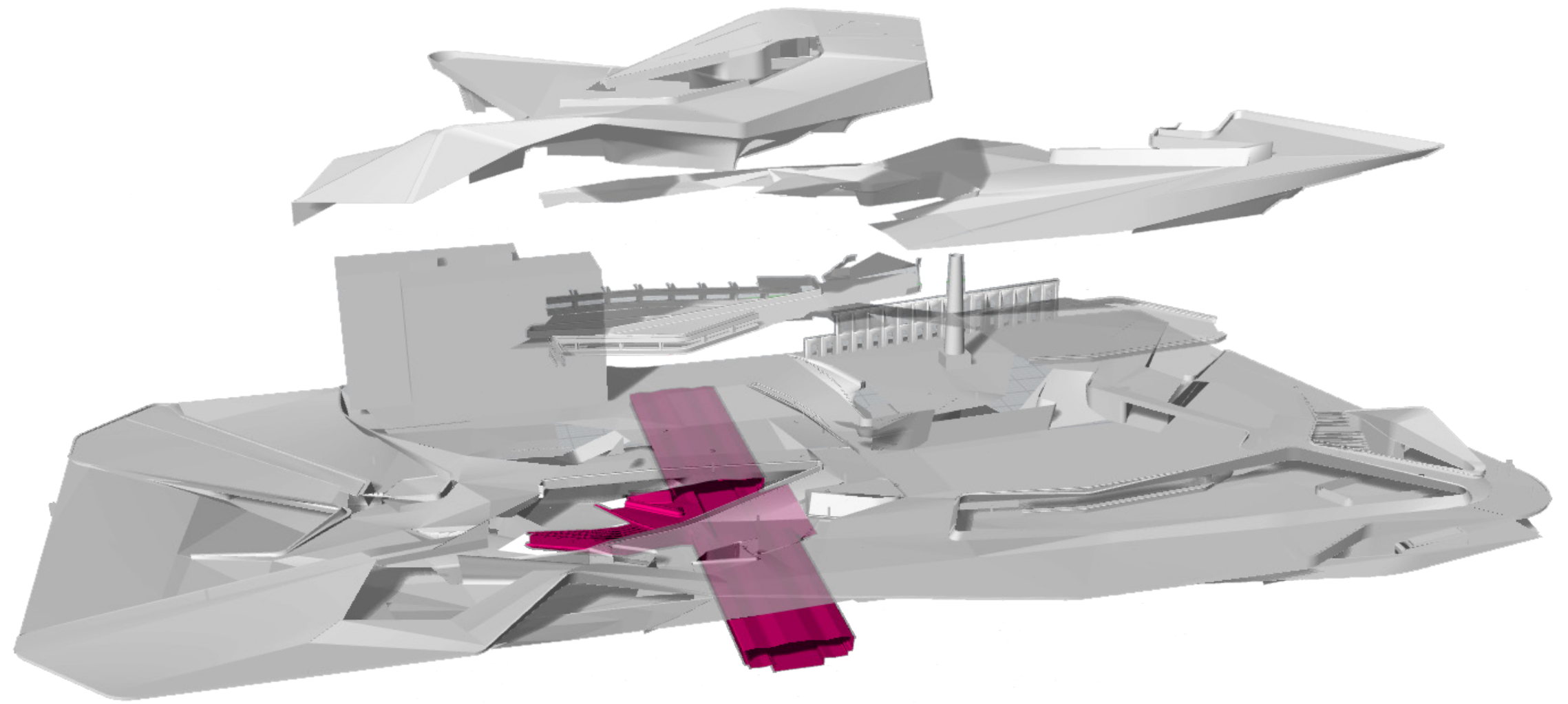


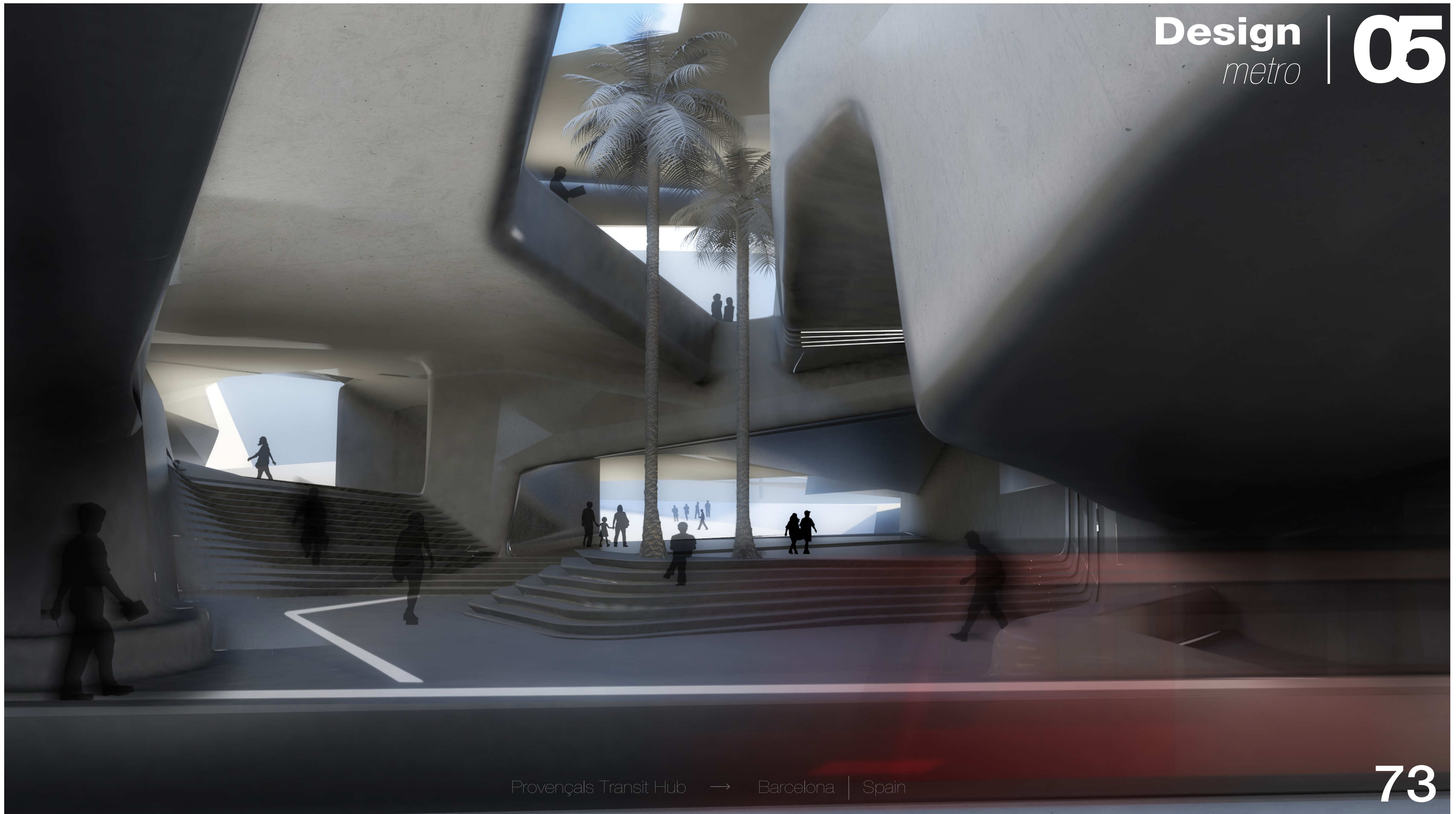


- 1 to PB
- 2 metro gates
- 3 metro tracks
- 4 metro platform
- 5 technical room
- 6 storage
- 7 ticketing
- 8 waiting area
- 9 to fasttrack
- 10 to south exits

S-2 | soterrani
underground

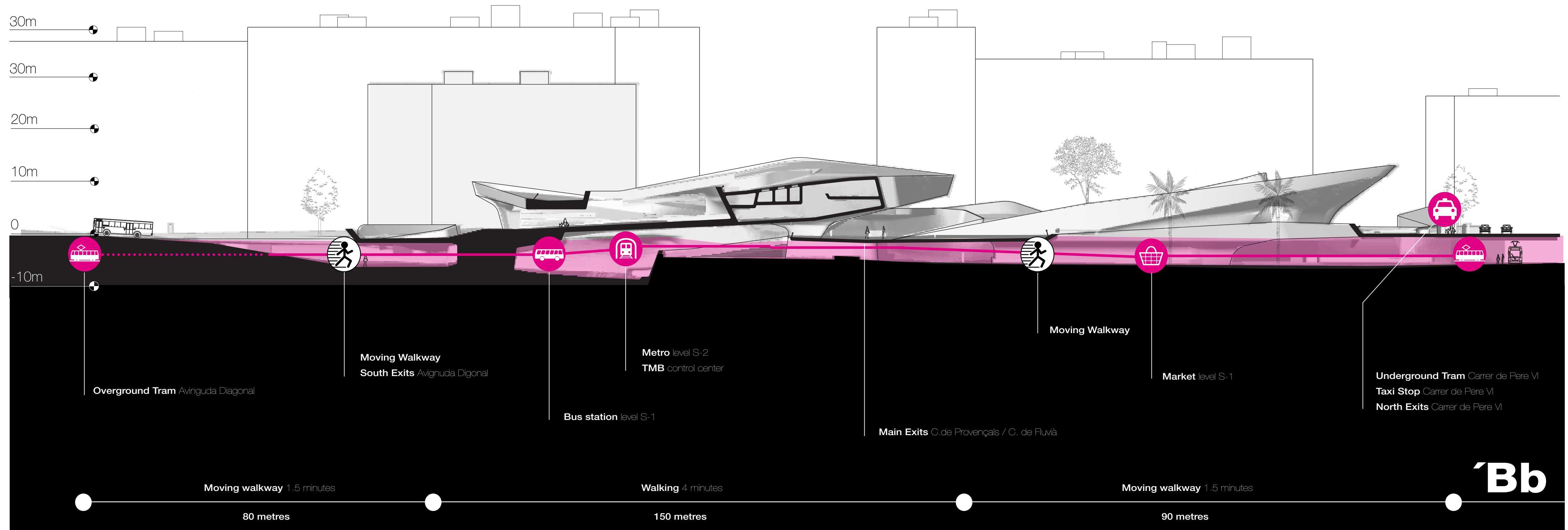
Bb

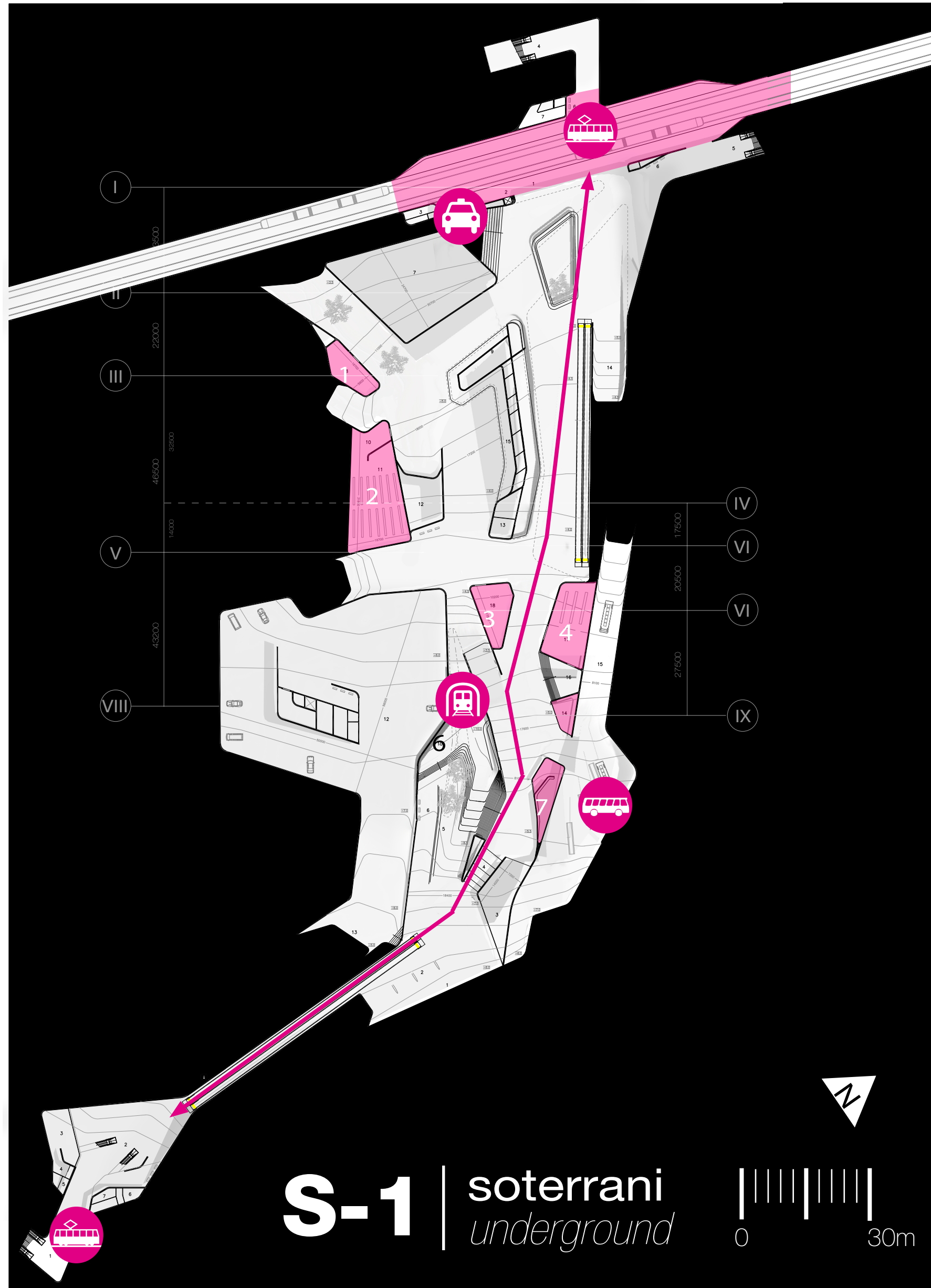




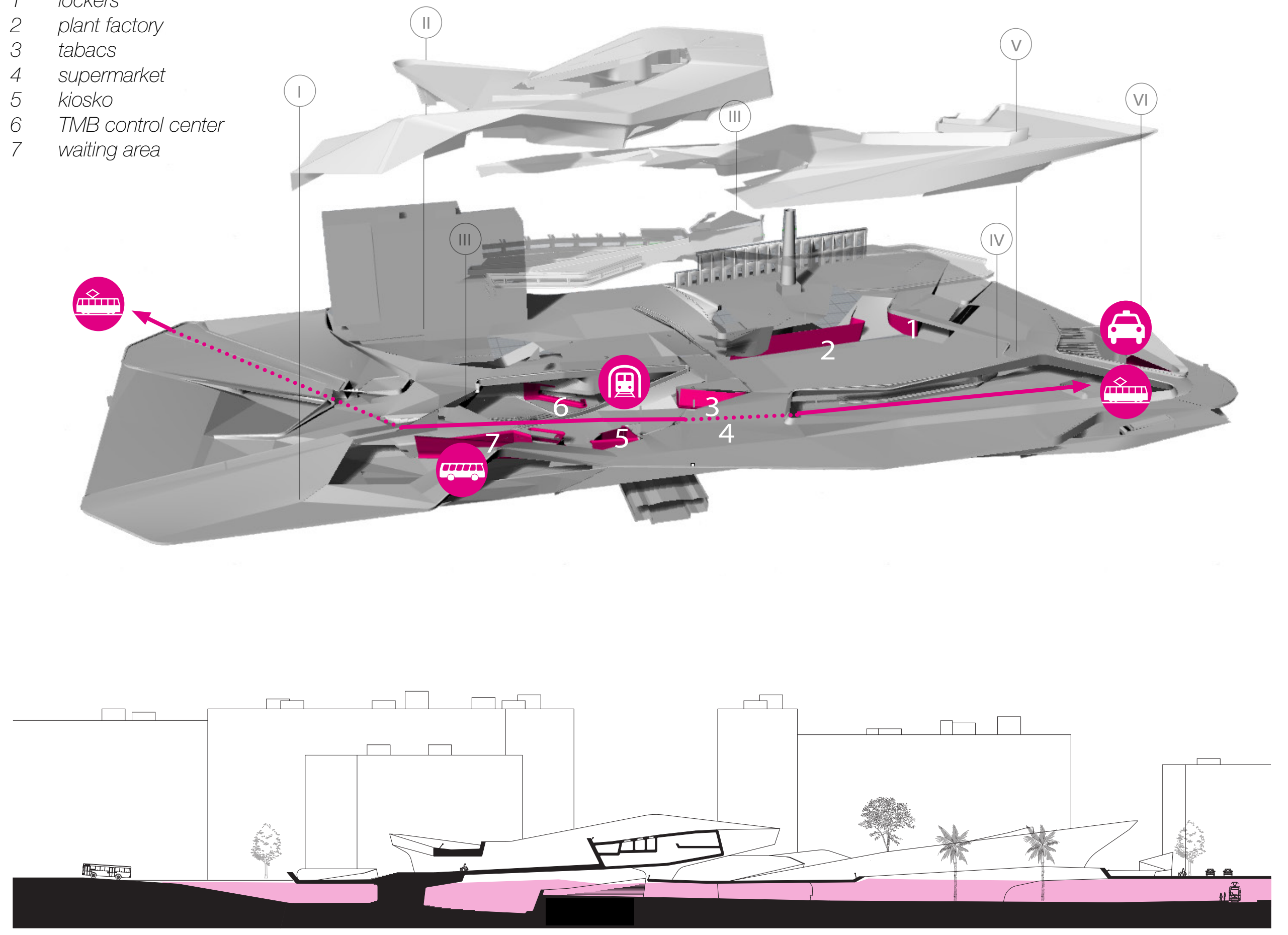
S-1 | soterrani underground

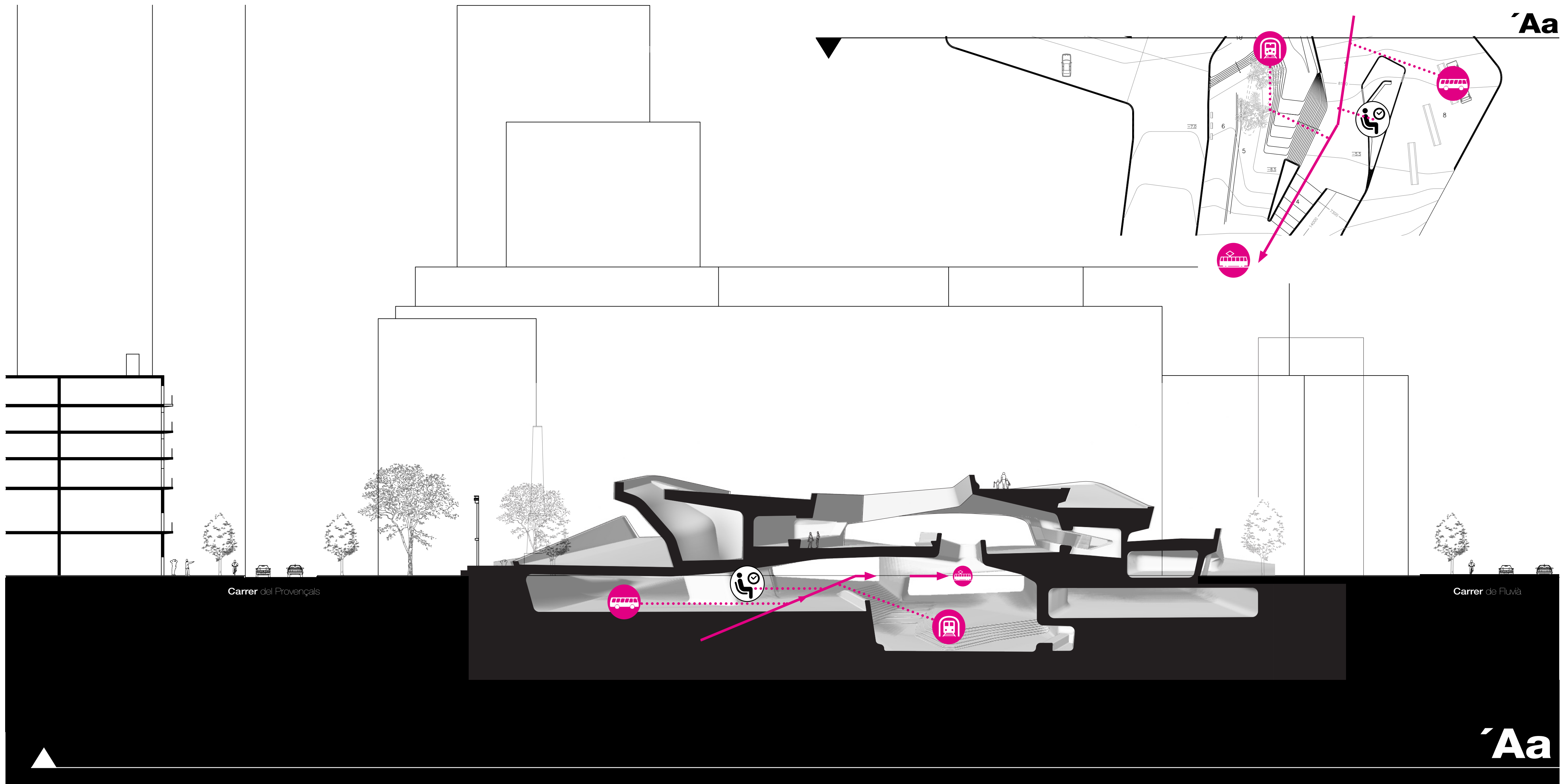
2

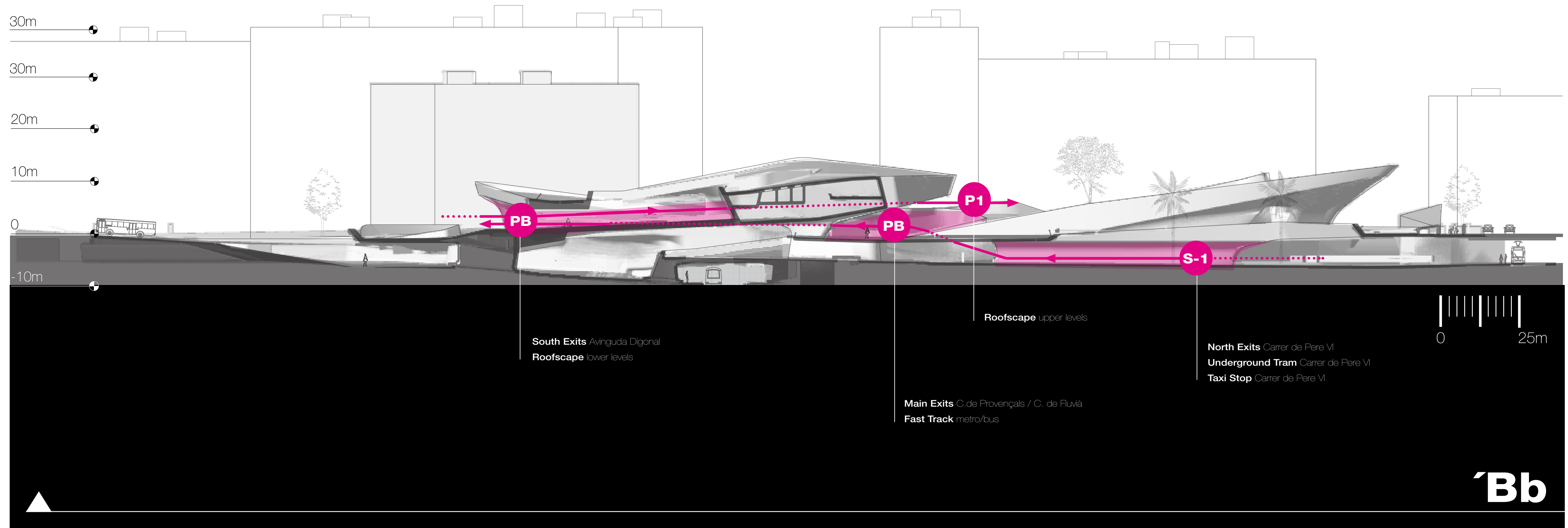




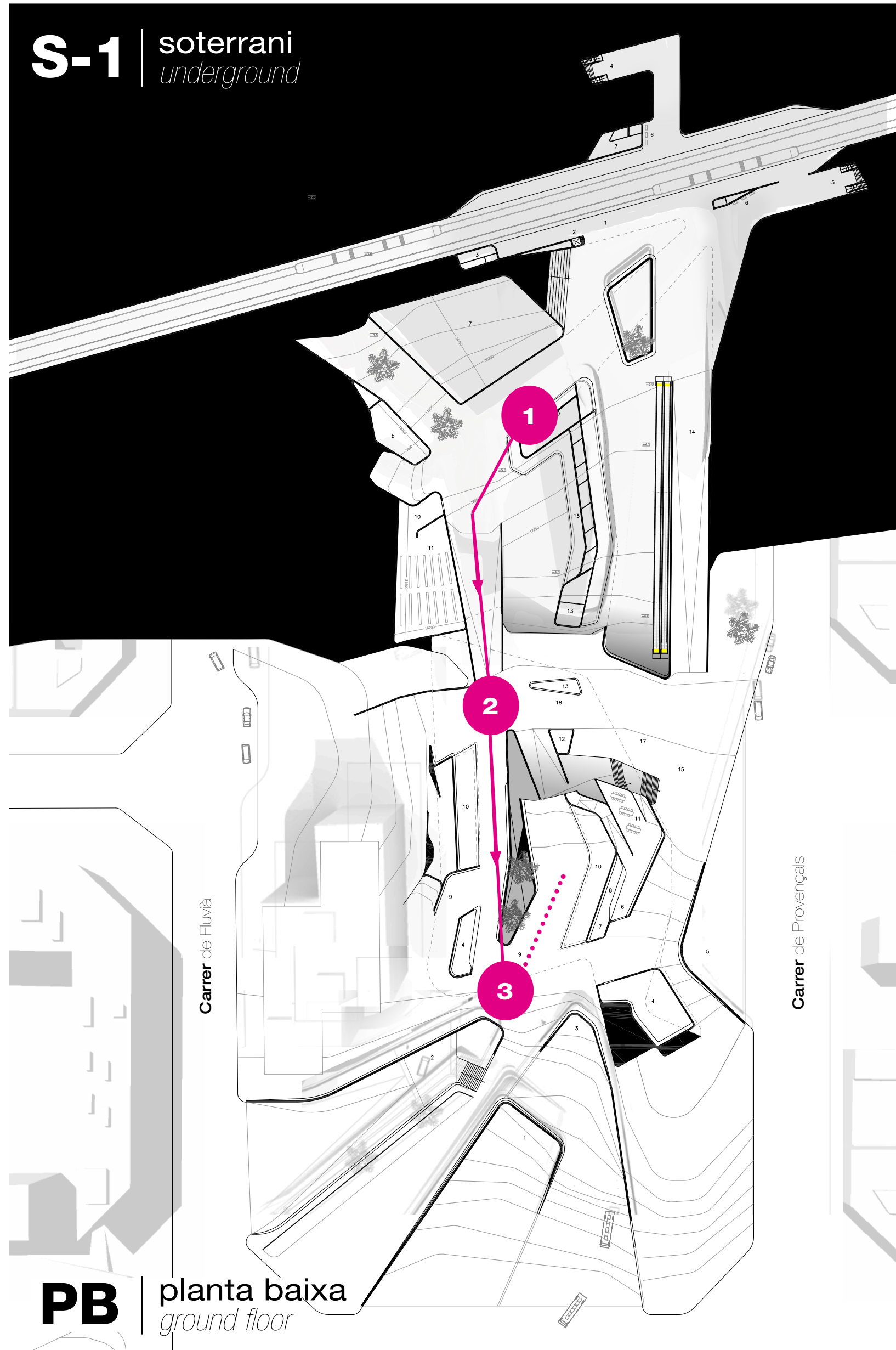
- 1 lockers
- 2 plant factory
- 3 tabacs
- 4 supermarket
- 5 kiosko
- 6 TMB control center
- 7 waiting area





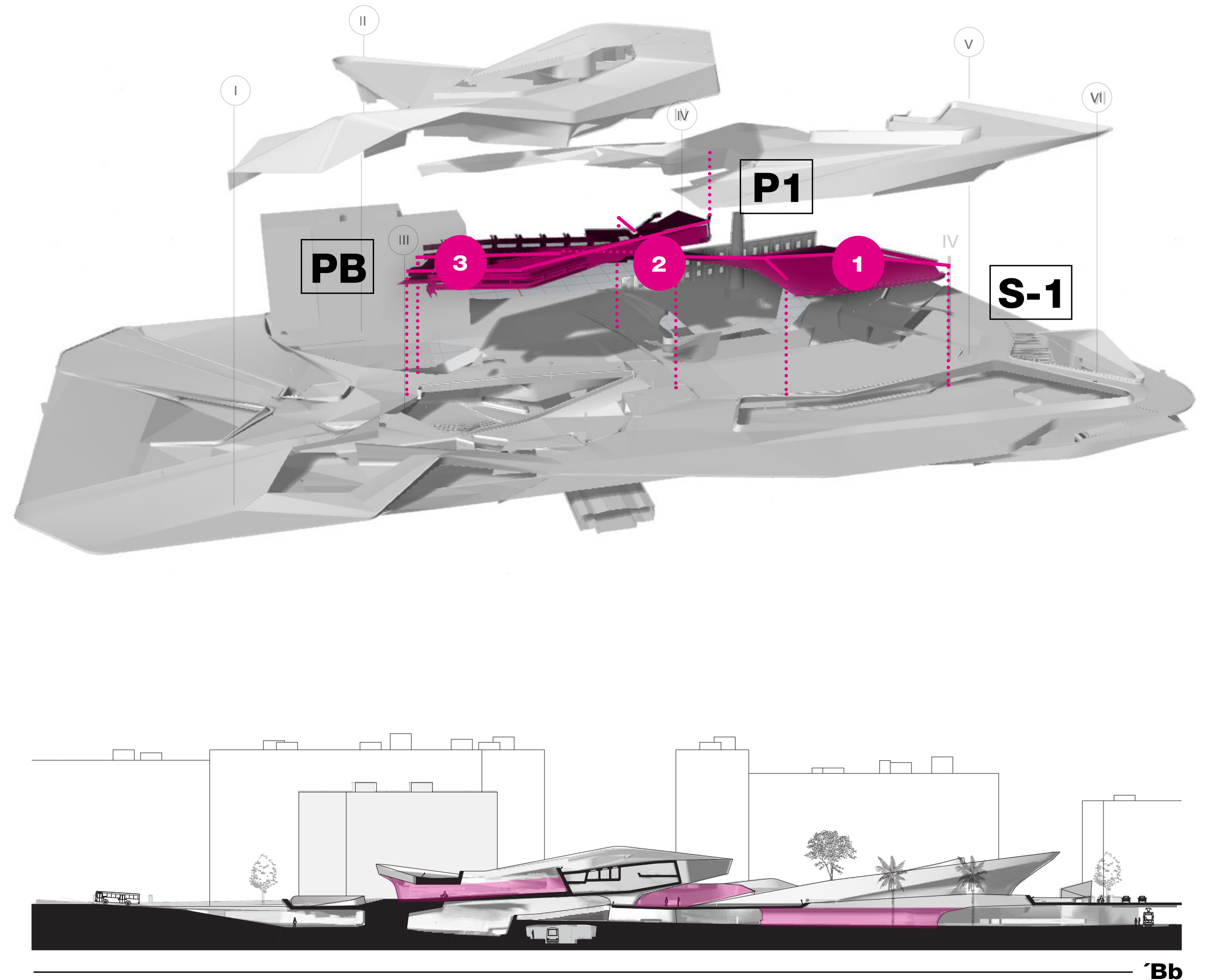


S-1 | soterrani
underground

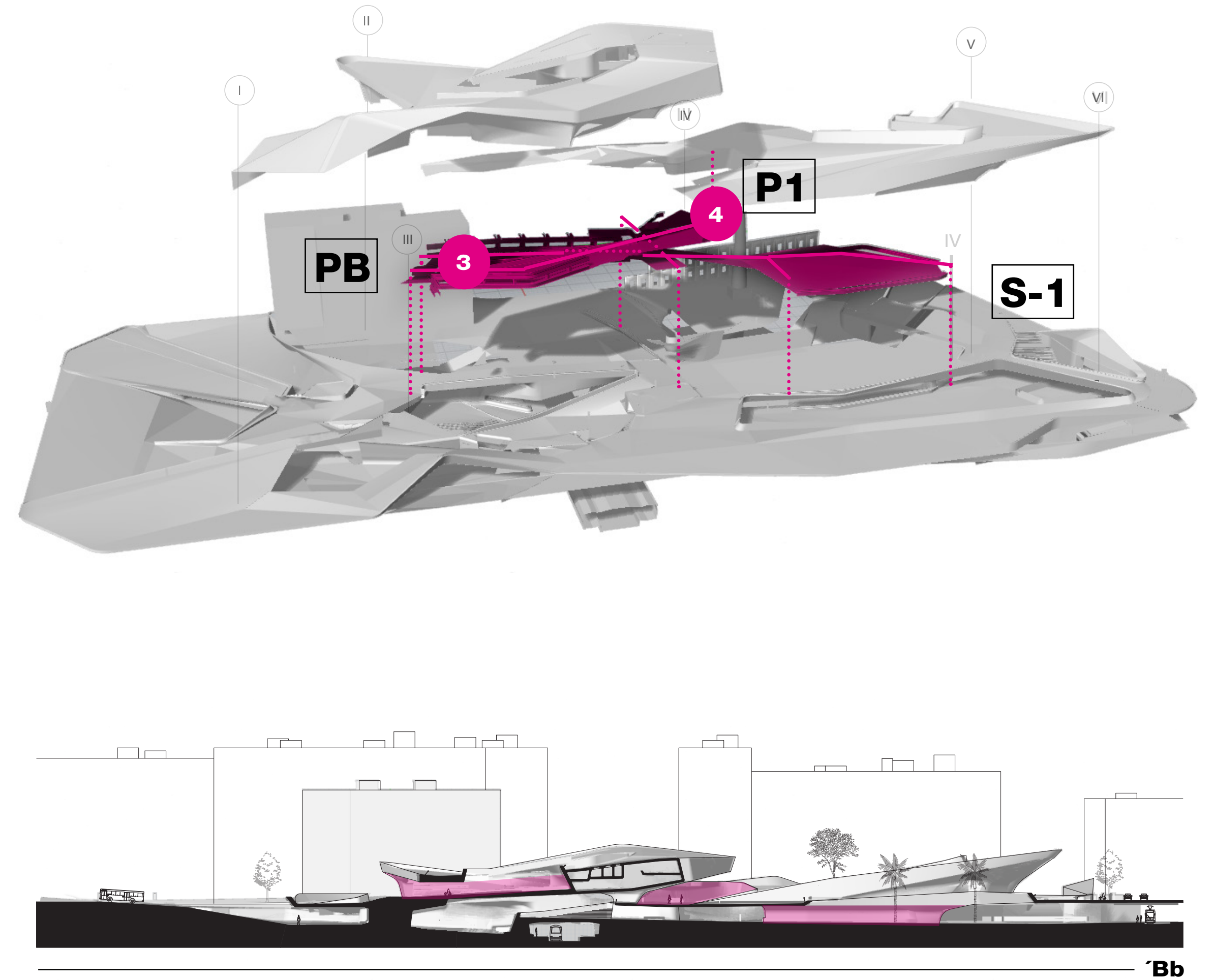
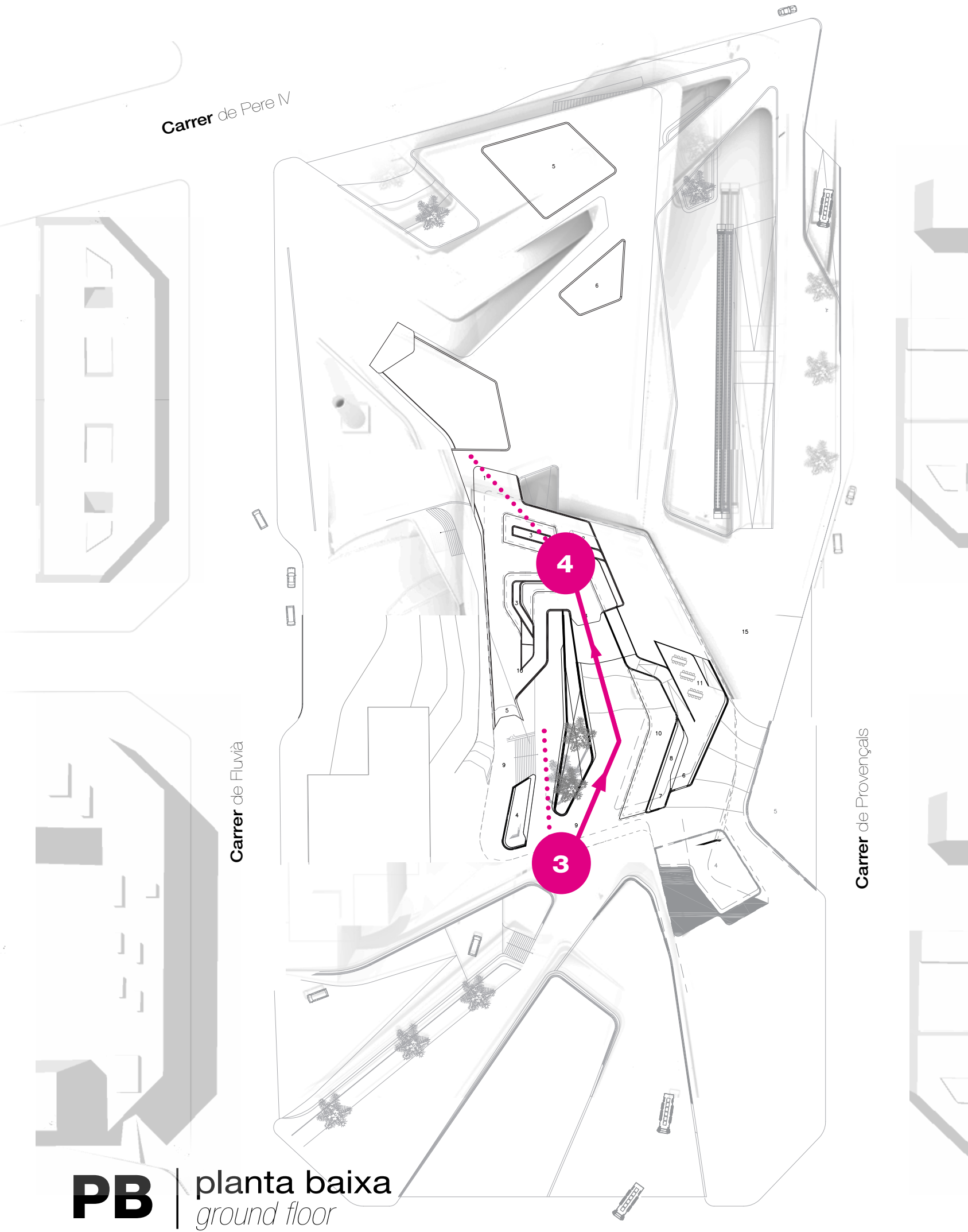


PB | planta baixa
ground floor

Design | **05**
offices - upper layer



P1 | soterrani
underground



P1

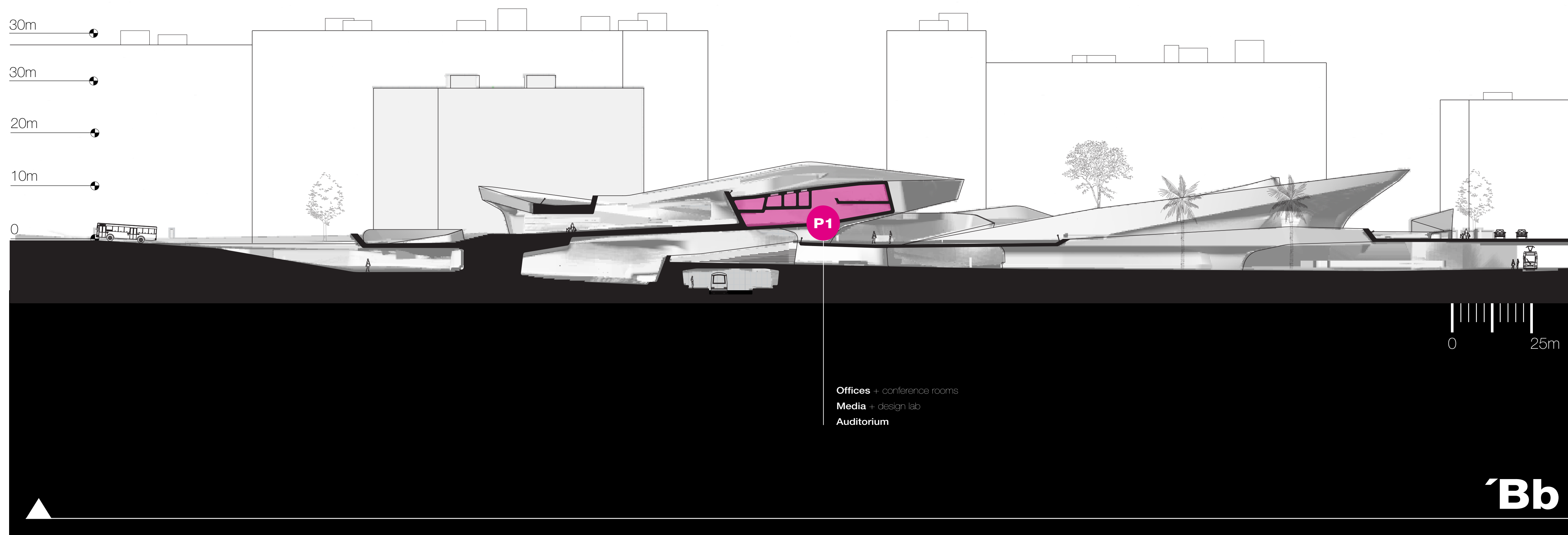
planta primera
first floor

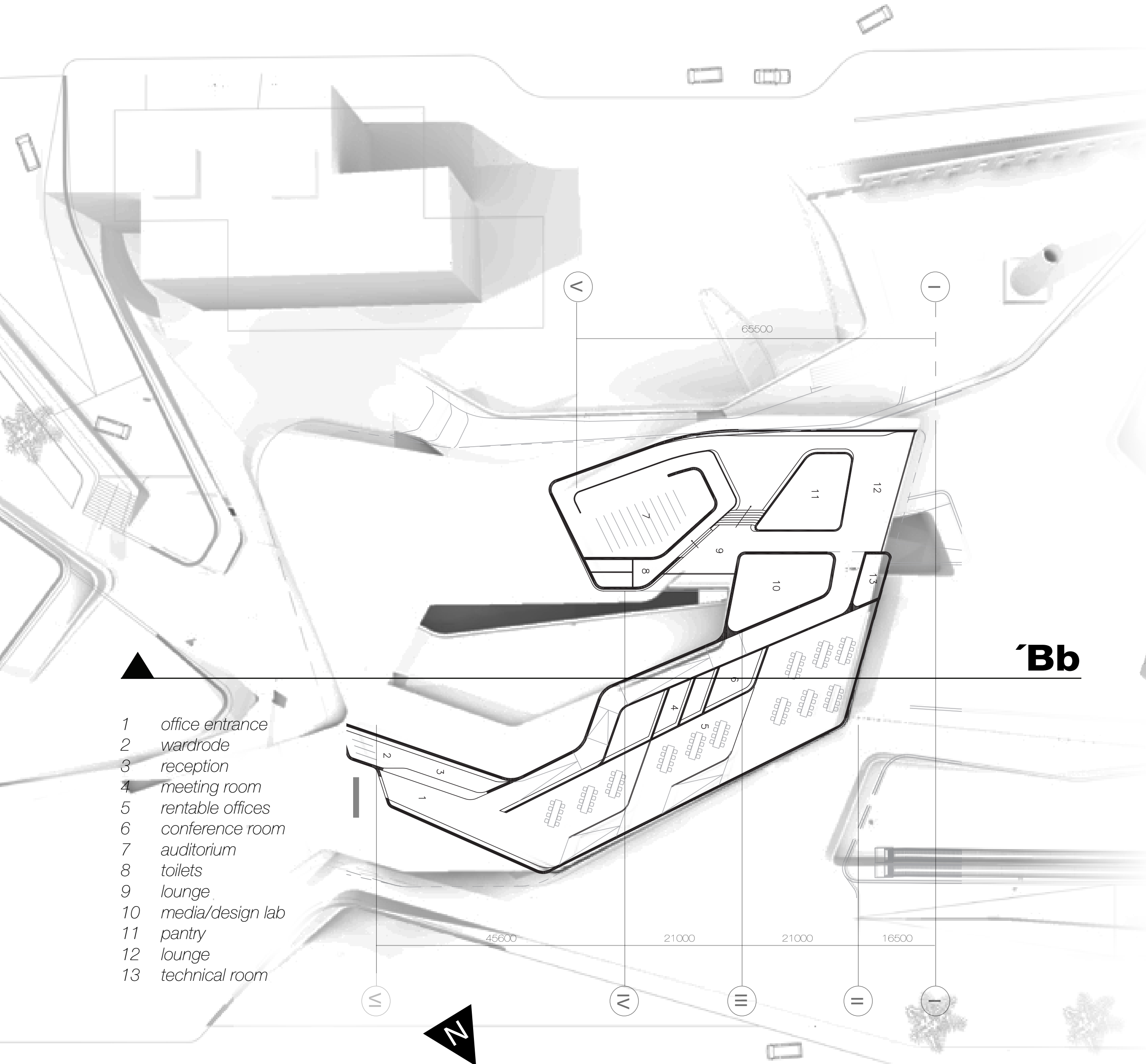
4

Design

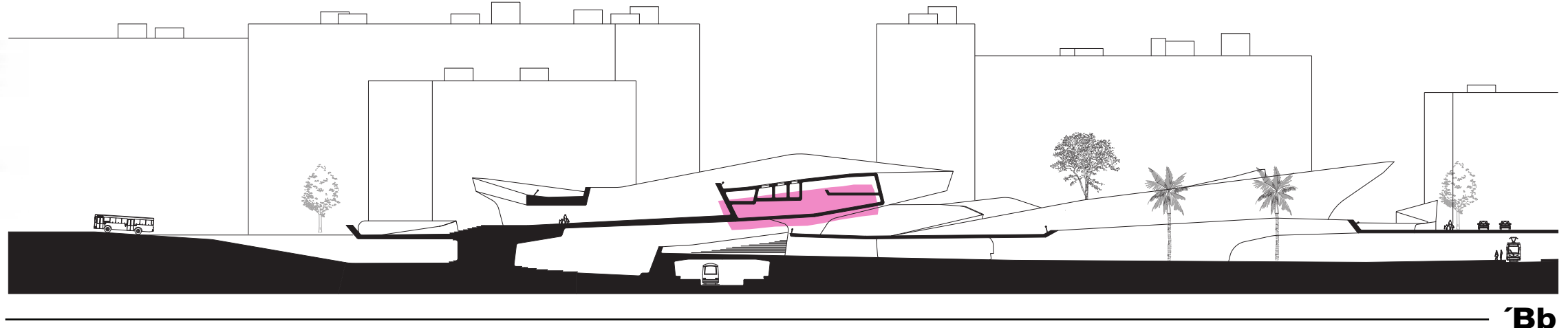
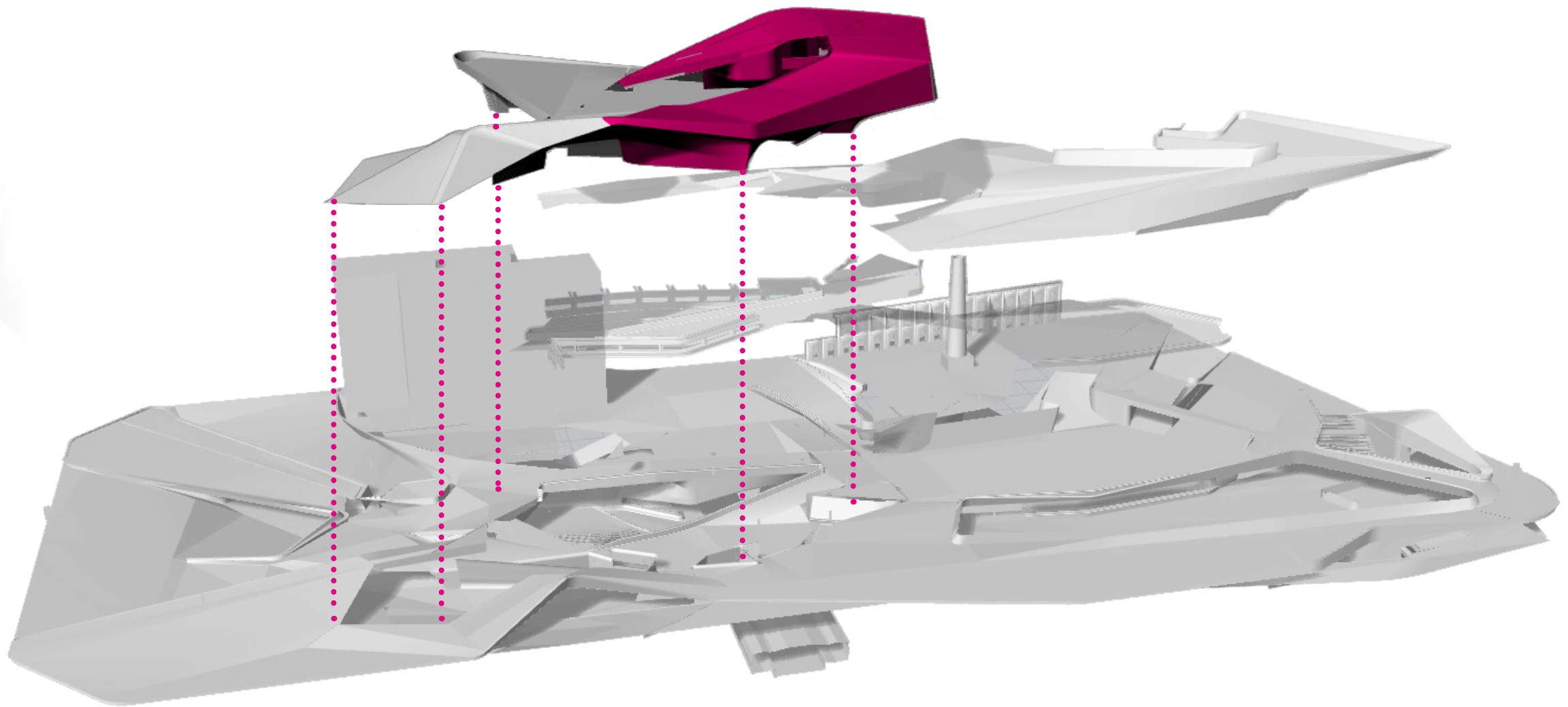
offices - upper layer

05





Bb

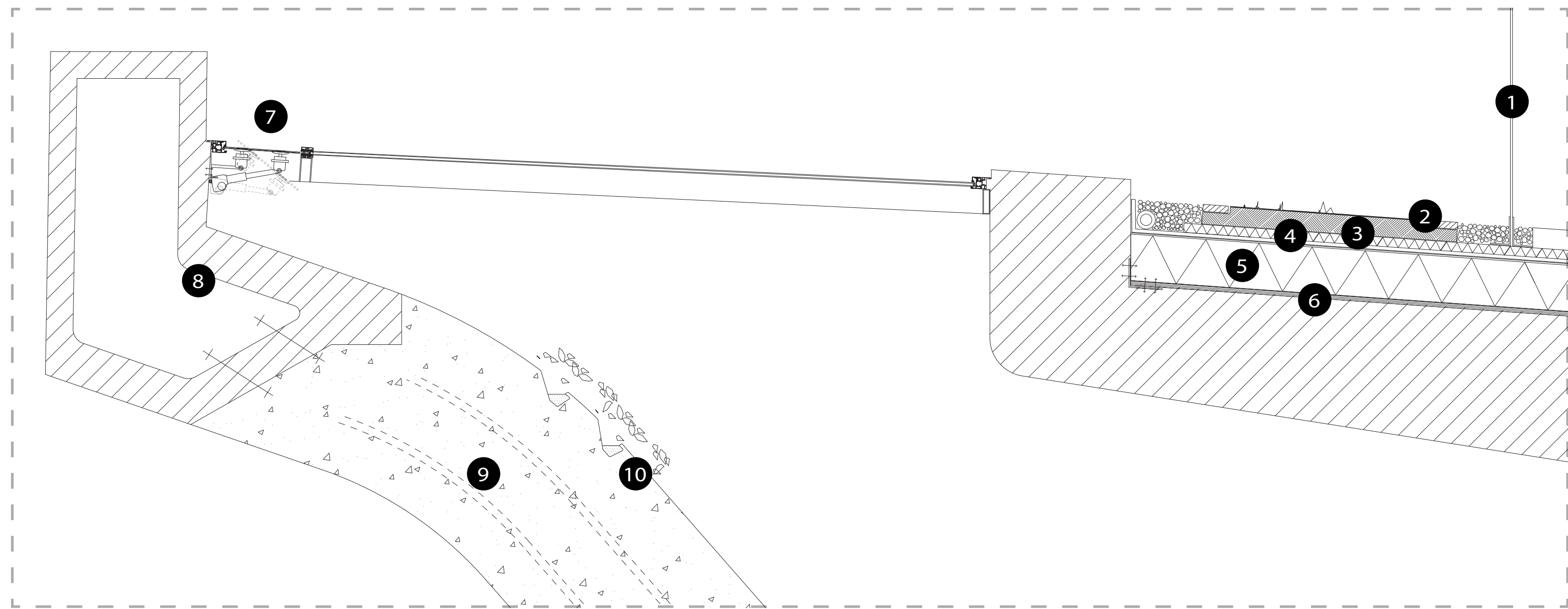


Bb



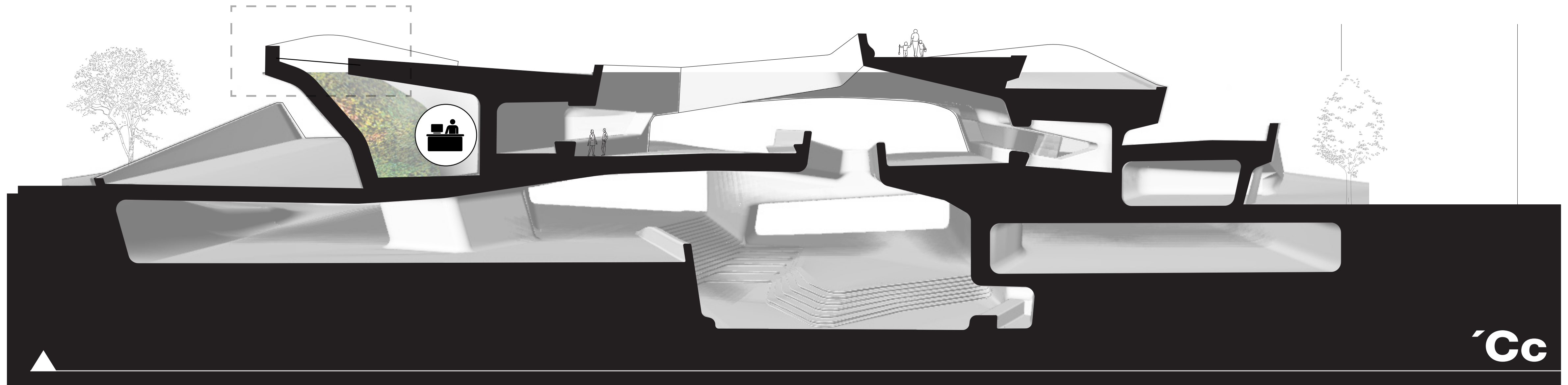
Design | 05

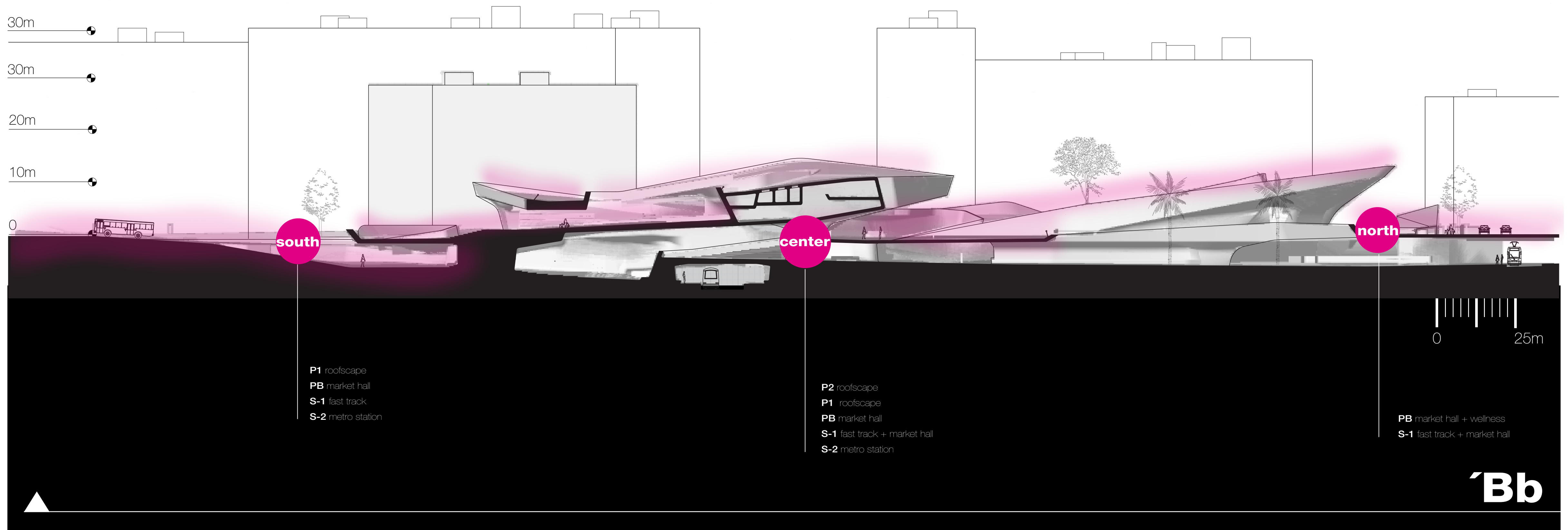
offices - upper layer



- 1 glass rail 30mm
- 2 plants / grass 20mm
- 3 growing medium 60mm
- 4 drainage layer 40mm
- 5 insulation 80mm
- 6 waterproof membrane 2mm
- 7 mechanical ventilation vault
- 8 prefab concrete facade element
- 9 in situ concrete wall
- 10 vault for plants

detail 1





south

- P1 roofscape
- PB market hall
- S-1 fast track
- S-2 metro station

center

- P2 roofscape
- P1 roofscape
- PB market hall
- S-1 fast track + market hall
- S-2 metro station

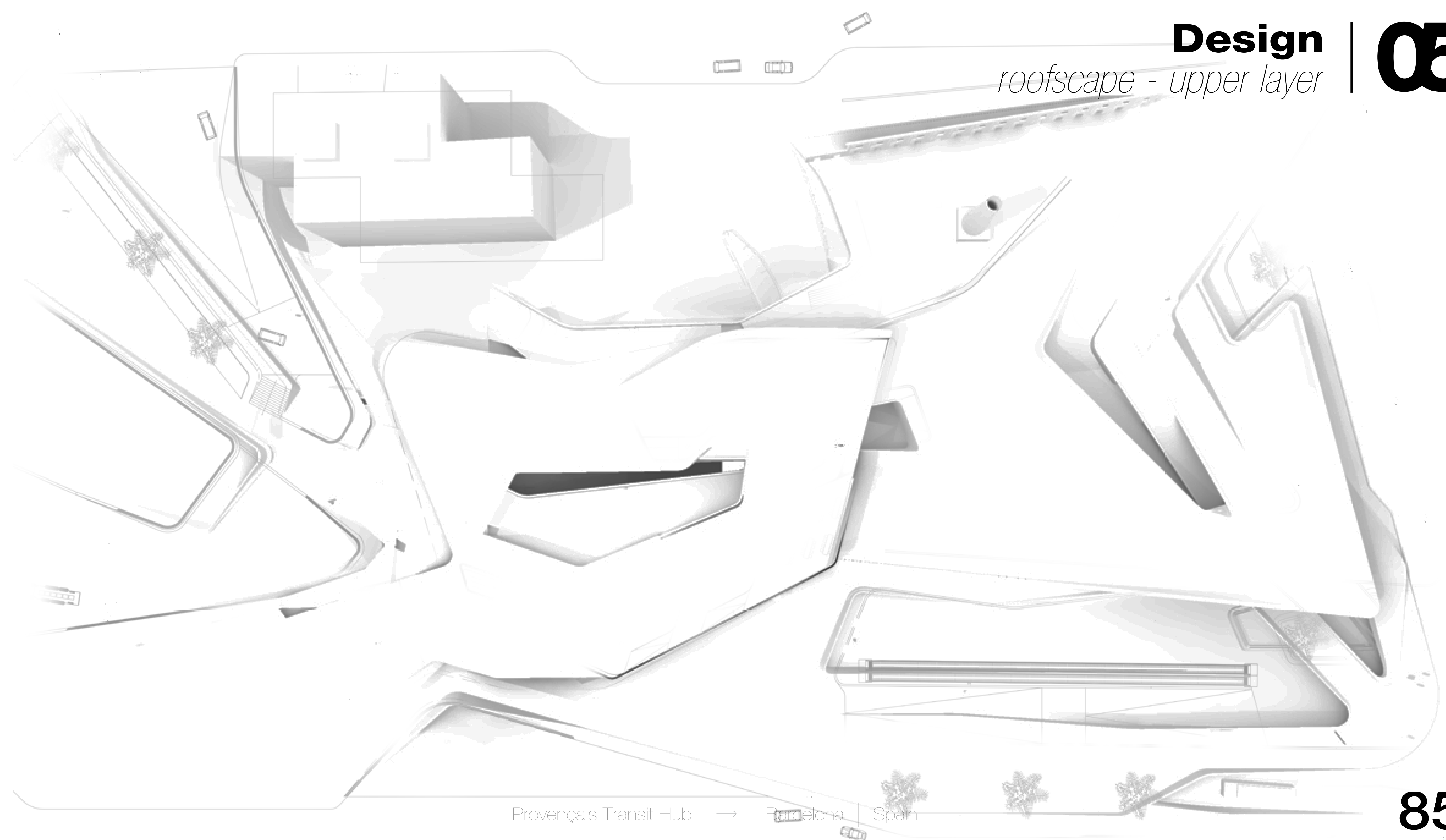
north

- PB market hall + wellness
- S-1 fast track + market hall



Bb

roofscape - upper layer



Provençals Transit Hub → Barcelona | Spain