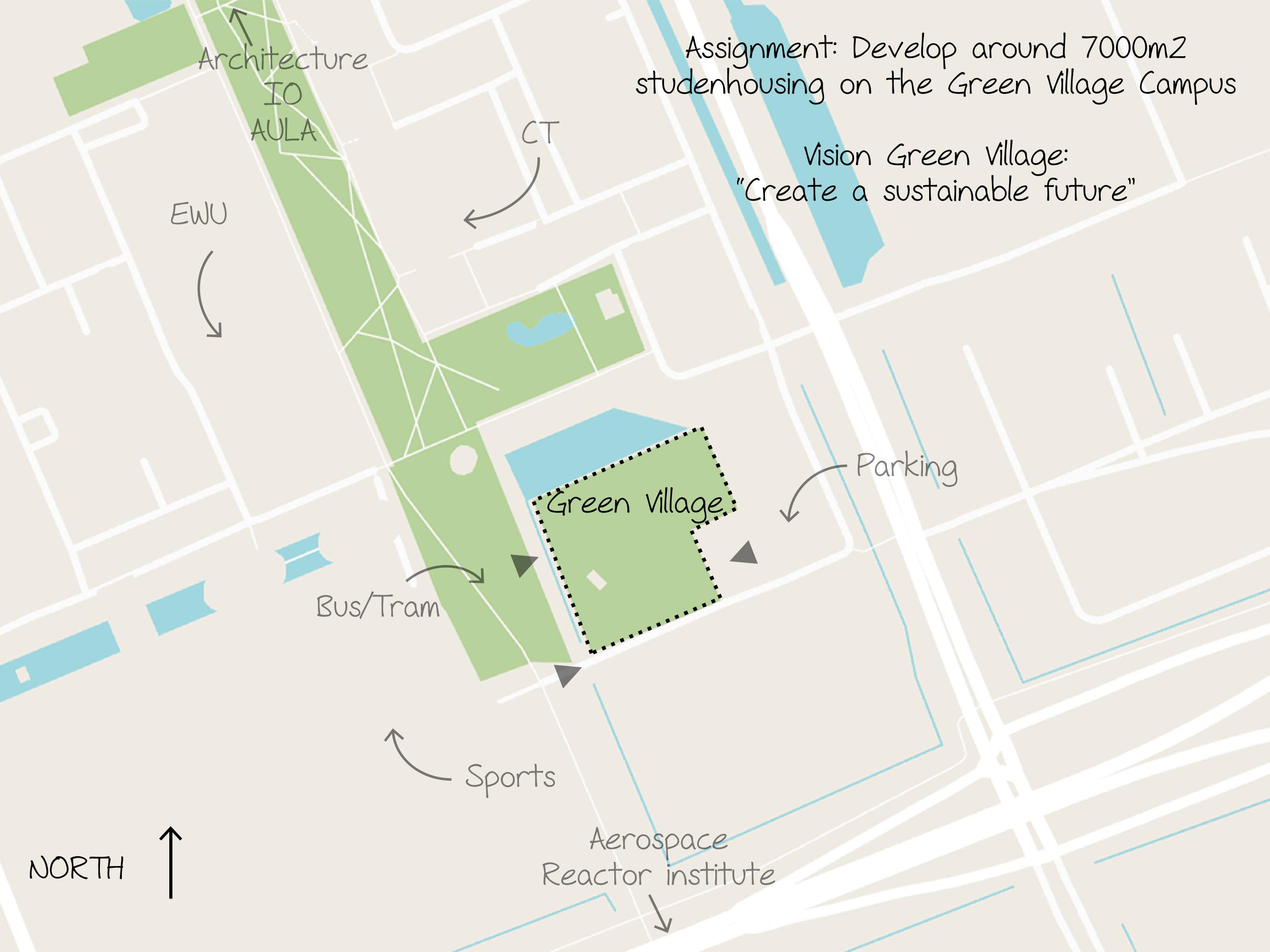


Maxime Selling 4431014 P4 Hyperbody 4-10-17



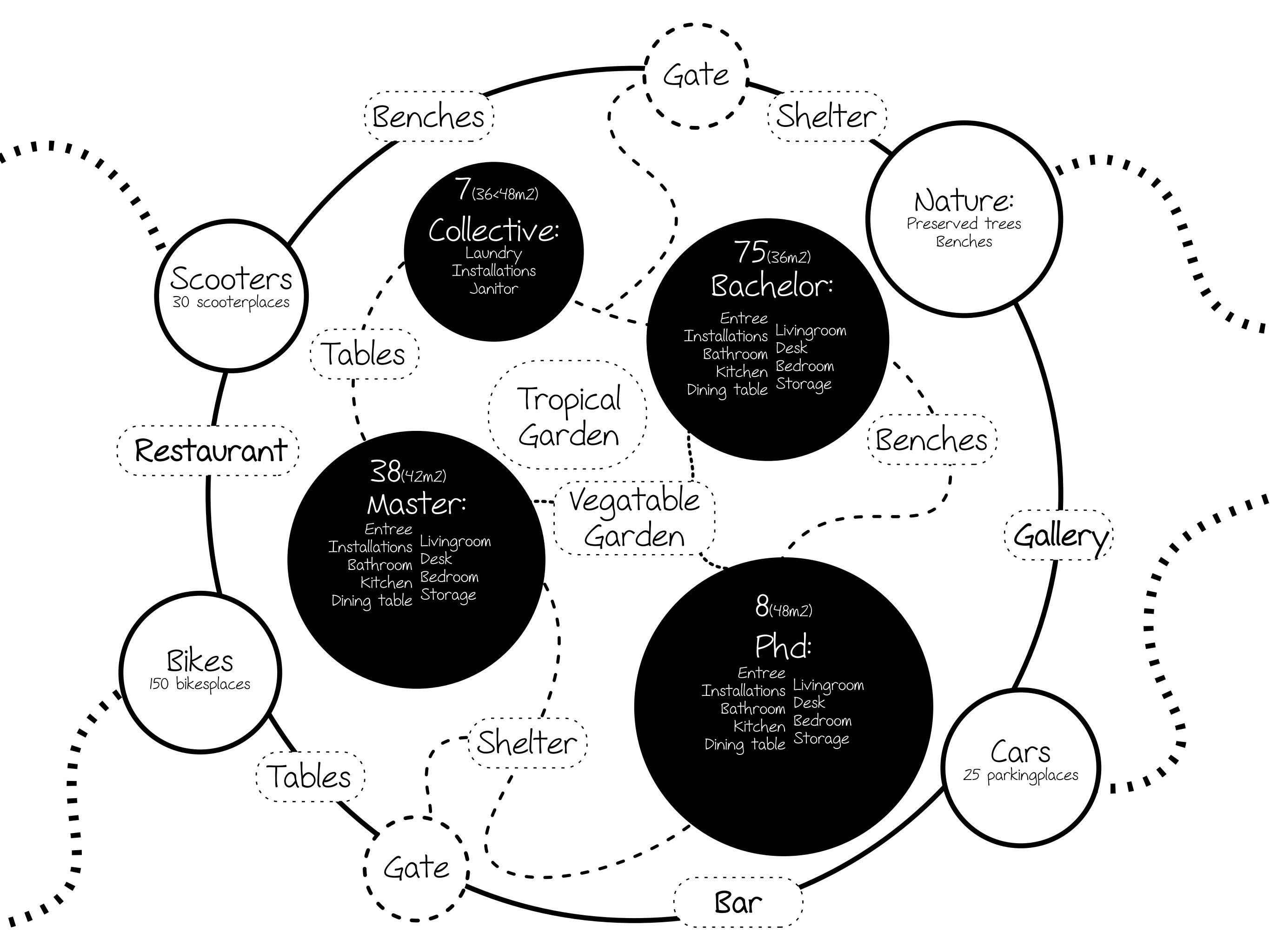
A sustainable future start with students

PROBLEM: STRESS WITH STUDENTS

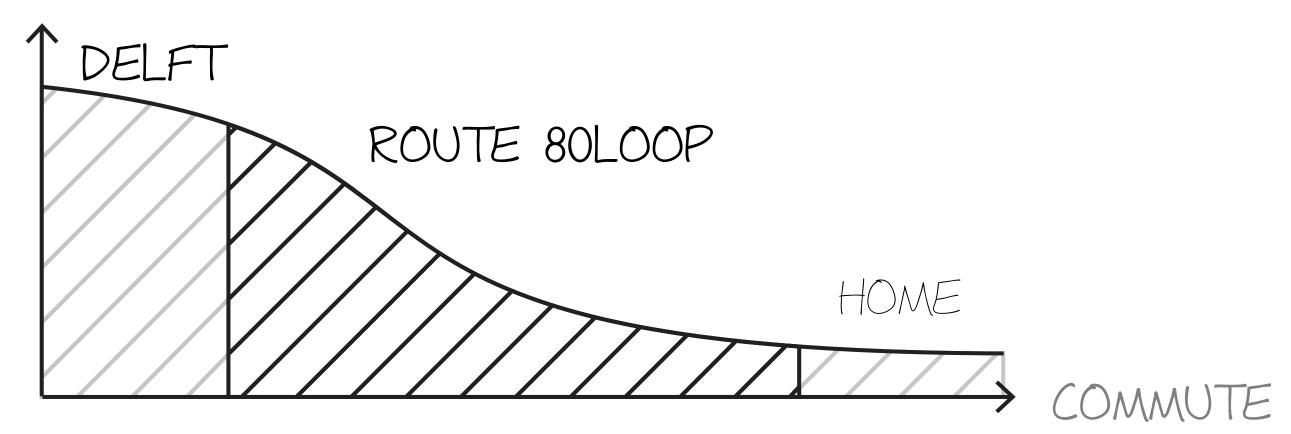
78% thinks performance pressure too high 60% experience stress on a weekly base 46% sometimes stays home because of stress 40% has psychological complains 35% are afraid for burnouts

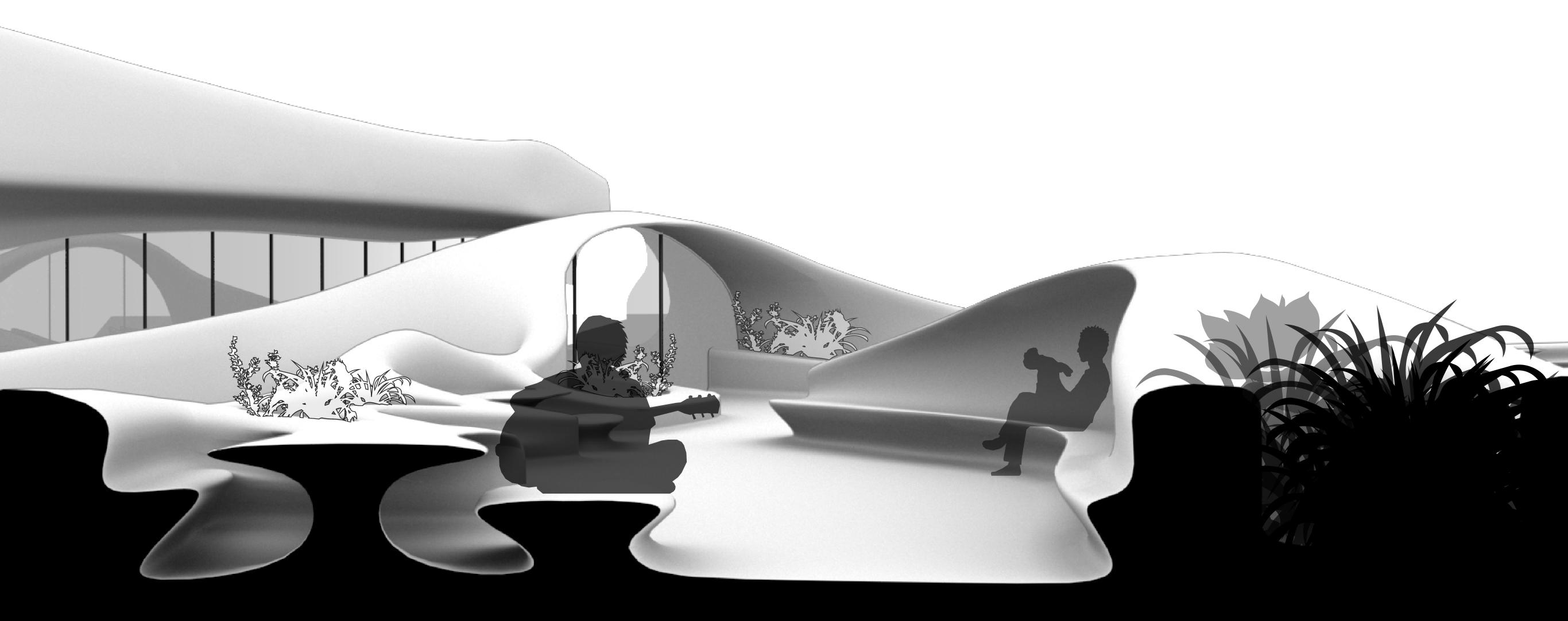
How can we solve this architecturally?

- -Space for social activities
- -Interaction with nature
- -Peaceful surrounding for work live and meet
- -Spaces isolated from chaos



STRESS

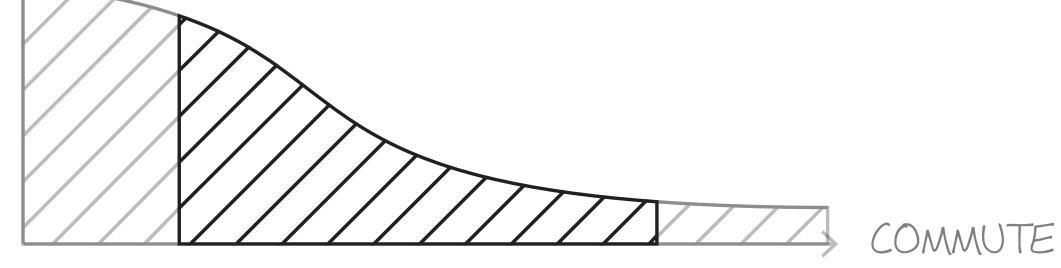




Concept: a route that calms the mind

STRESS

CHARACTERISTICS LOOP



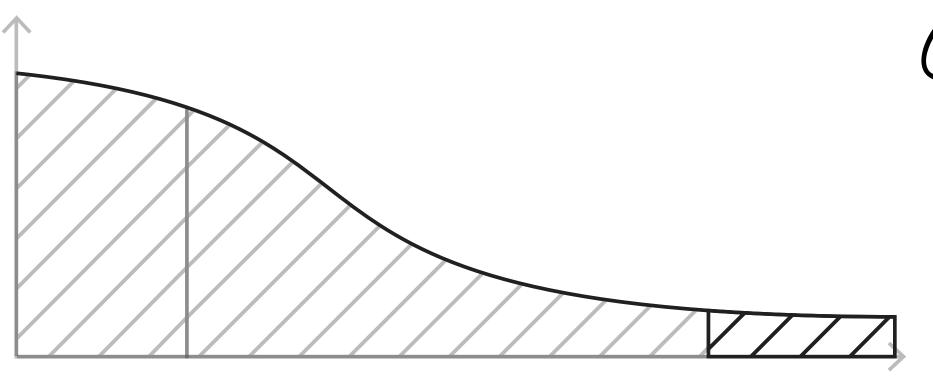
- Abstract
- Concrete
- Curved
- Ongoing Open and accesable
- HeavyPermament





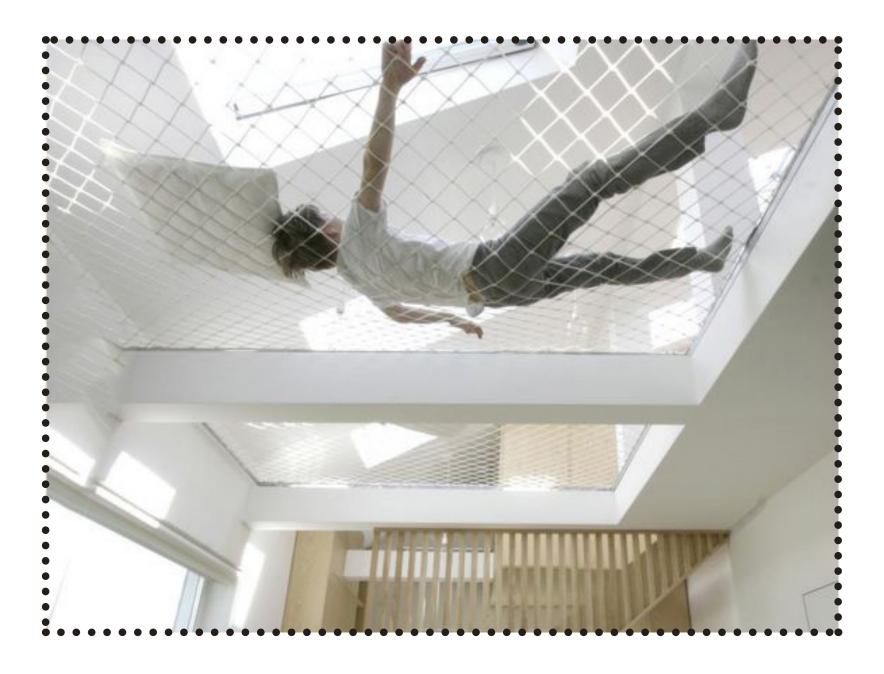
CHARACTERISTICS HOME

COMMUTE

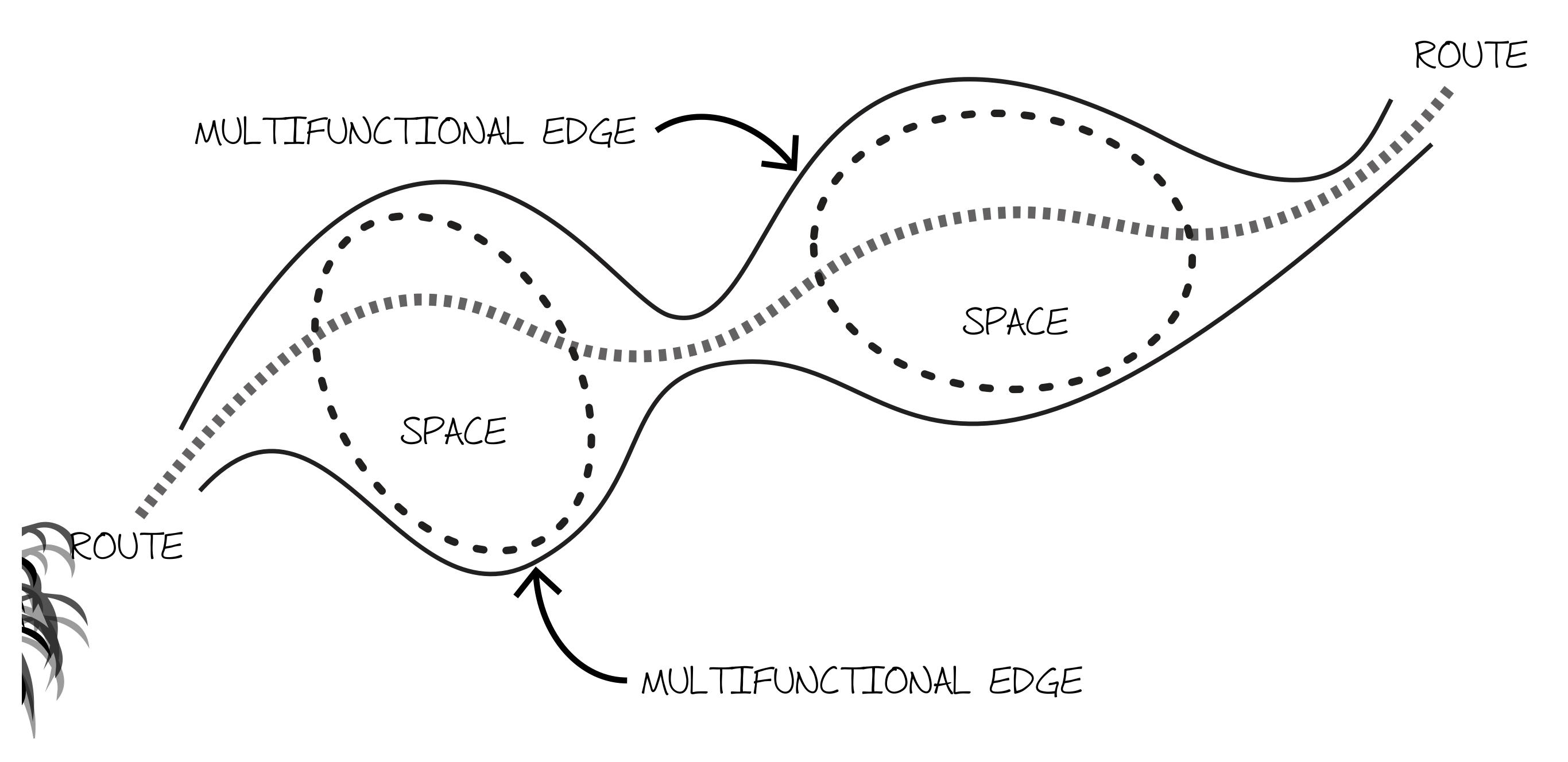


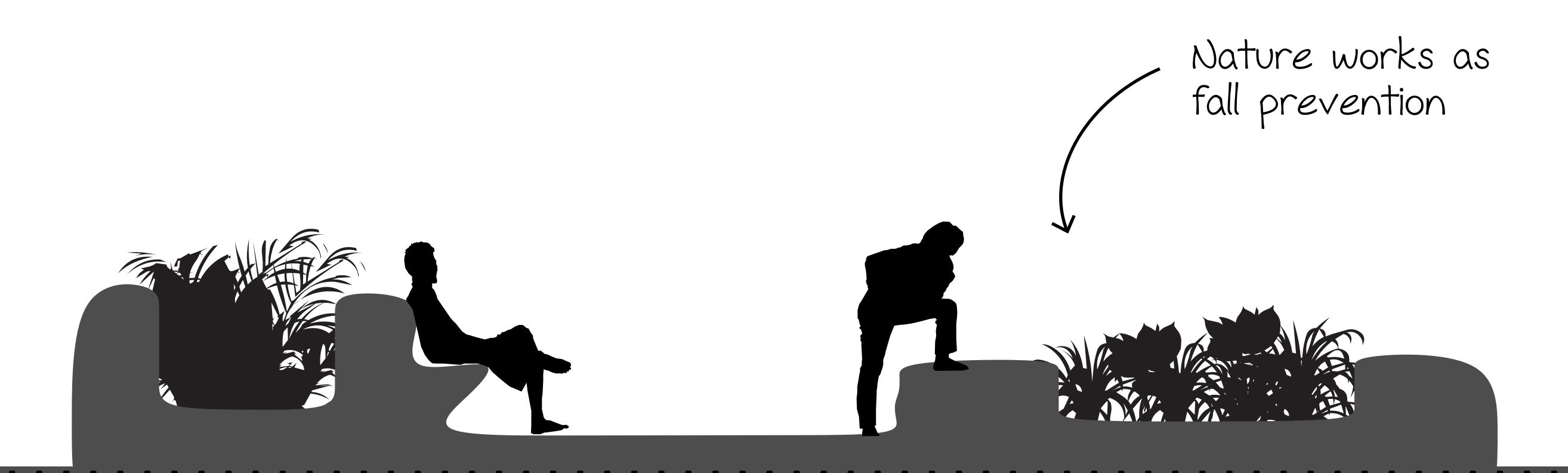
- Warm
- Wood
- OrthogonalStopping
- Enclosed & efficient
- Light
- Adjustable





Functions and spaces are added to the route to make it more functional





A: Bench

height 600<900mm sitheight 400<500mm sitdepth <500mm length 3000<7000mm B: Route

width >1200mm

C: Fall prevention

height 200<600mm width >800mm

Nature for enclosure of the space



A: Shelter:

height 1600<2400mm · sitdepth 400<1200mm · sitheight 300<500mm · length 3000<5000mm ·

B: Space

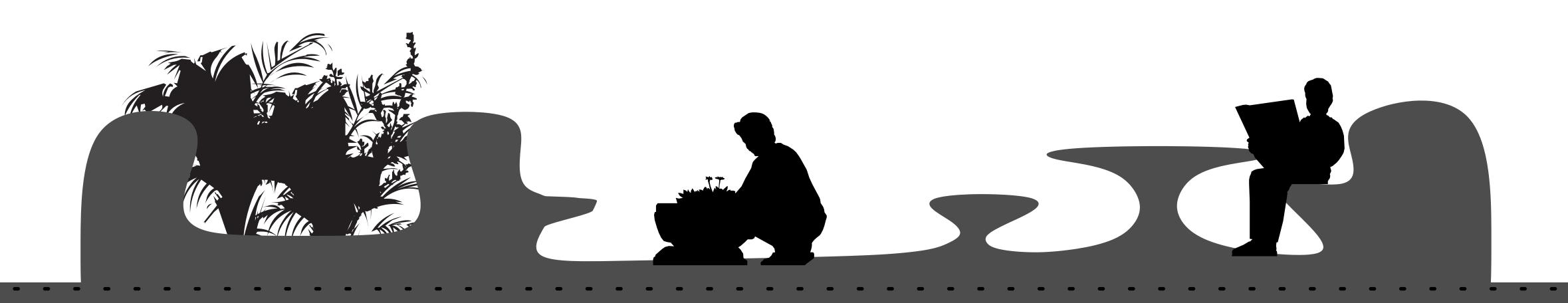
width 3200>mm

C: Bench

height 600<900mm sitheight 400<500mm sitdepth <500mm length 3000<7000mm

Nature for healty mind





A: Bench

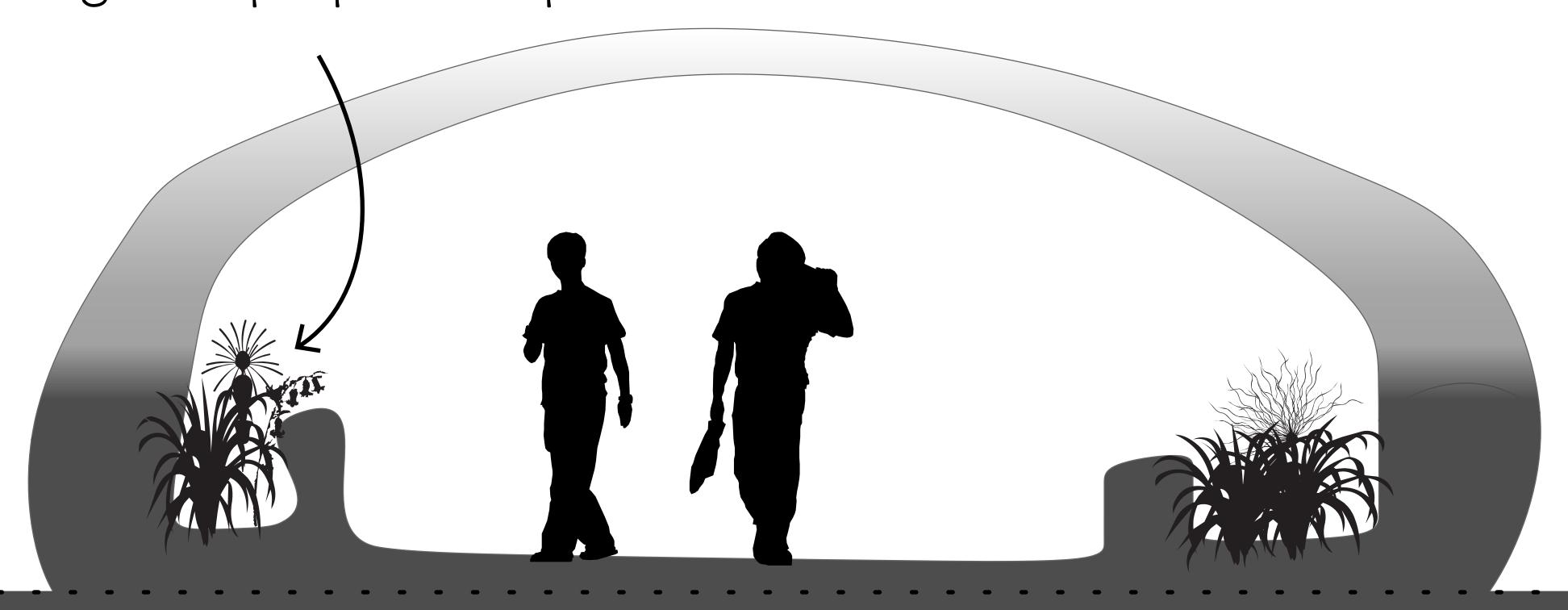
height 600<900mm sitheight 400<500mm sitdepth <500mm length 3000<7000mm

: B: Route

route width >1200mm

C: Table

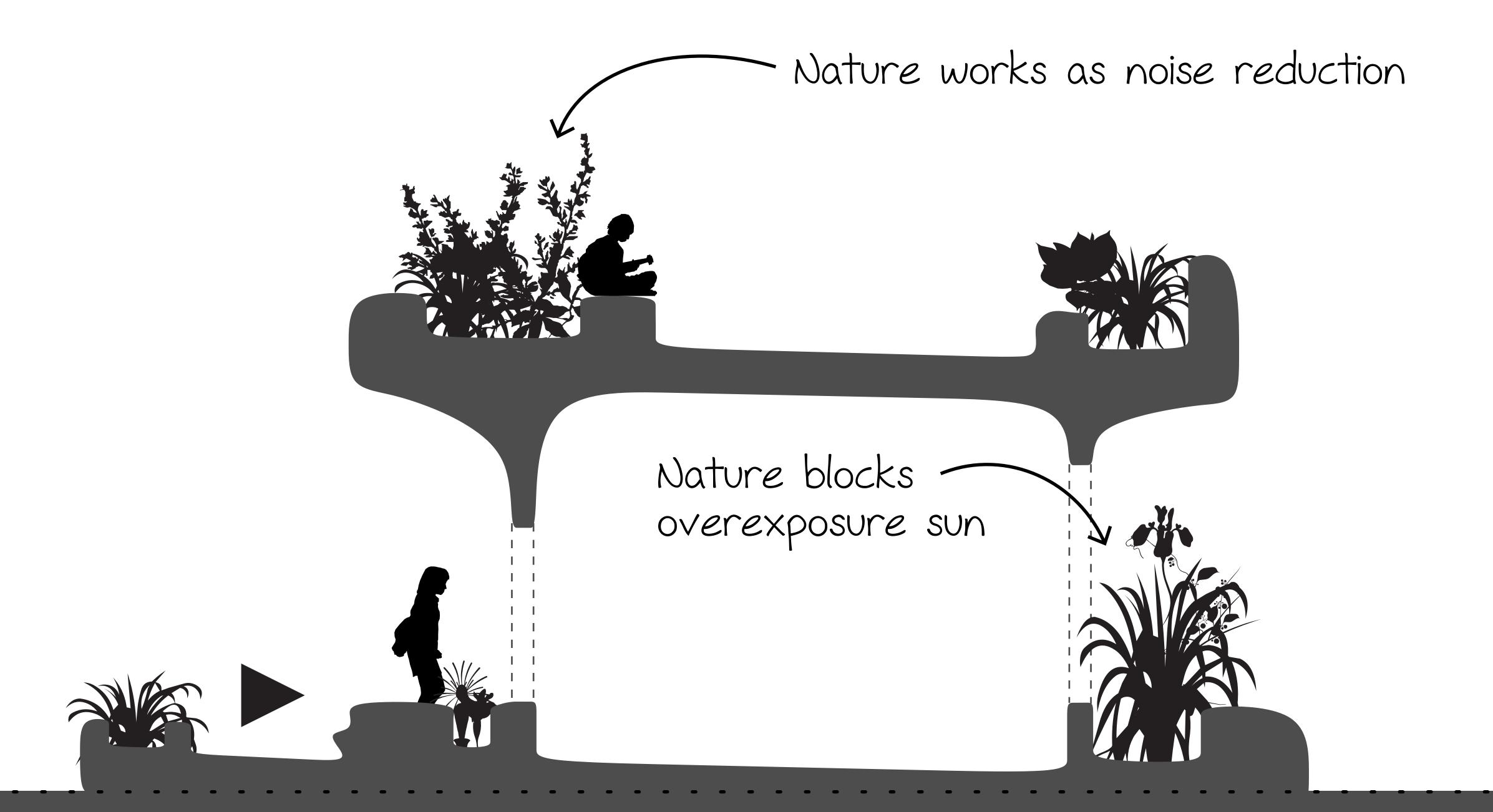
height 700mm width 800<1200mm Benchheight 400<500mm length 2000<3500mm Nature guides people 2 helps to orientate



A: Gate support:

B: Entrance

withd 2400<4200mm height 2600<3200mm C: Gate support



	Fall evention
•	
width	200<600mm >800mm

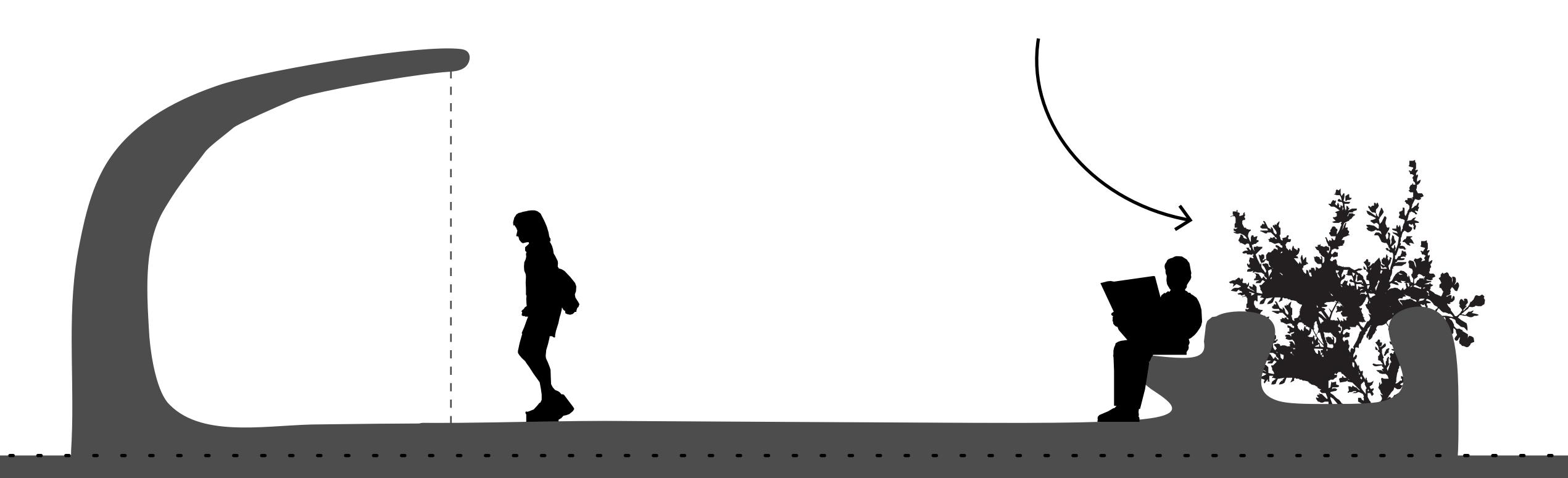
B: Route

width 1200>

C: Dwelling

size 36>48m2 width 7000>9000mm heigth 4000<6000mm

Nature for enclosure of the space



A: Gallery/(Food)Bar

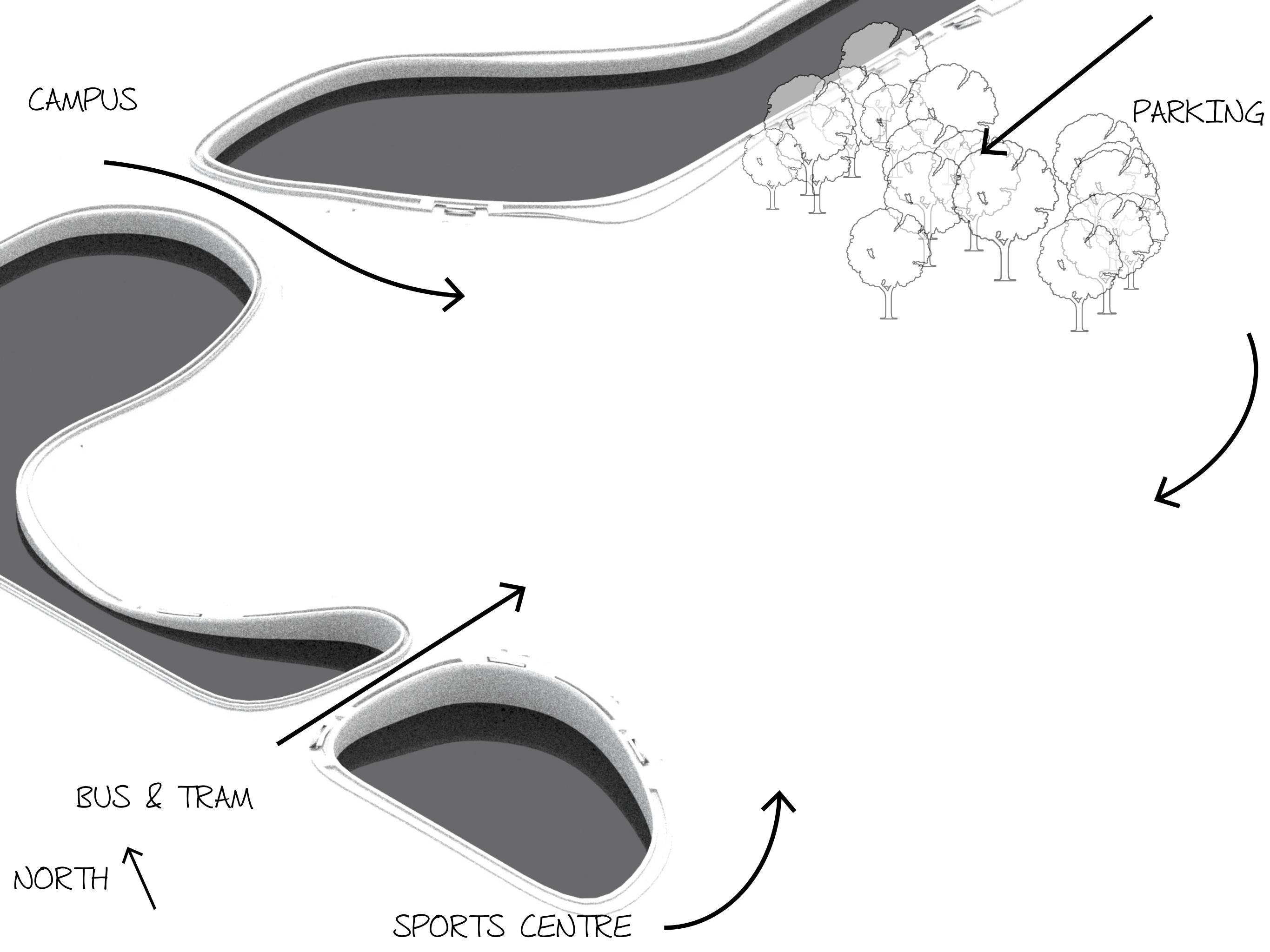
height 2600<3200mm depth 800<3200mm length 3000<8000mm

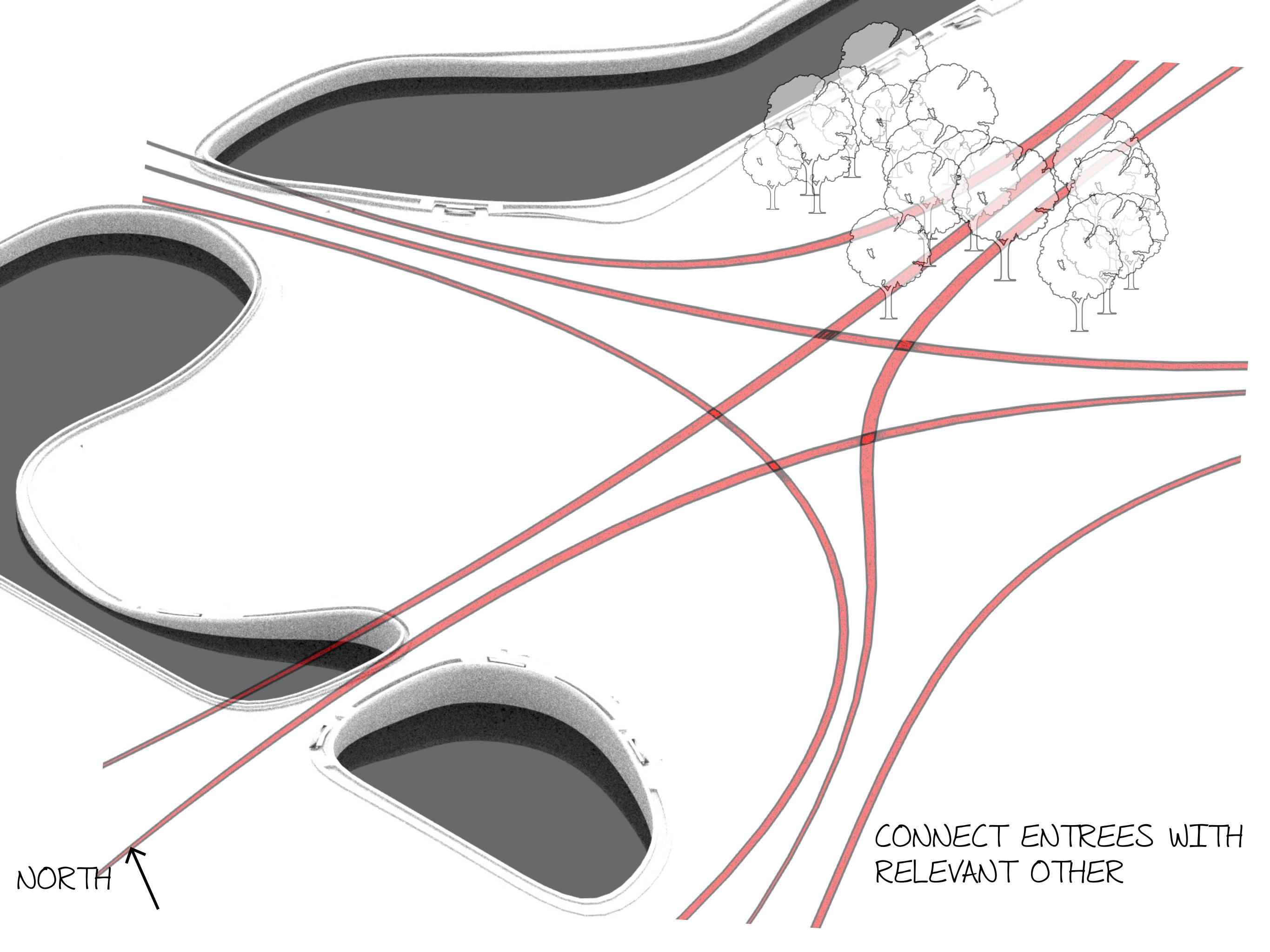
B: Space

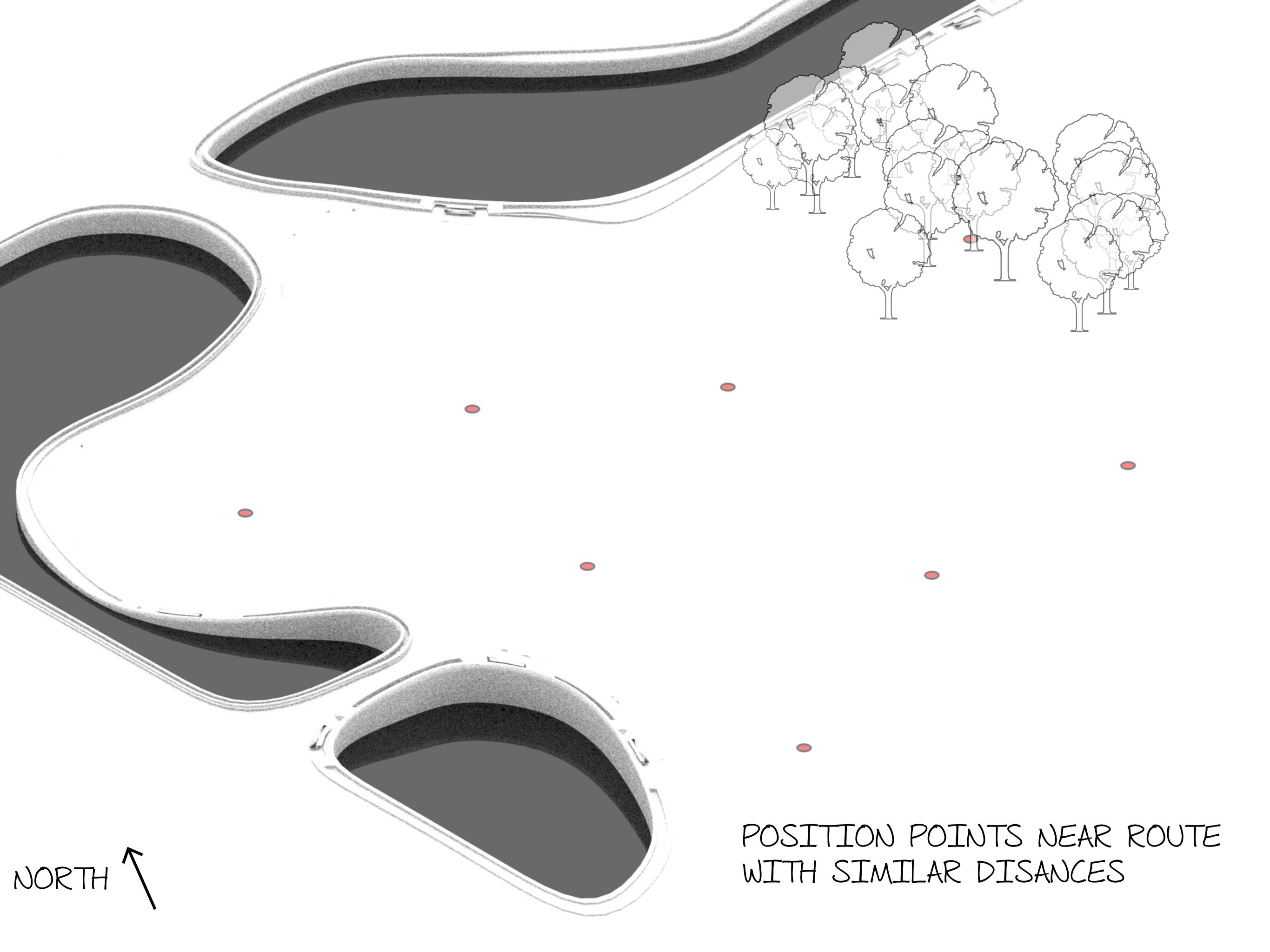
width 3200>mm

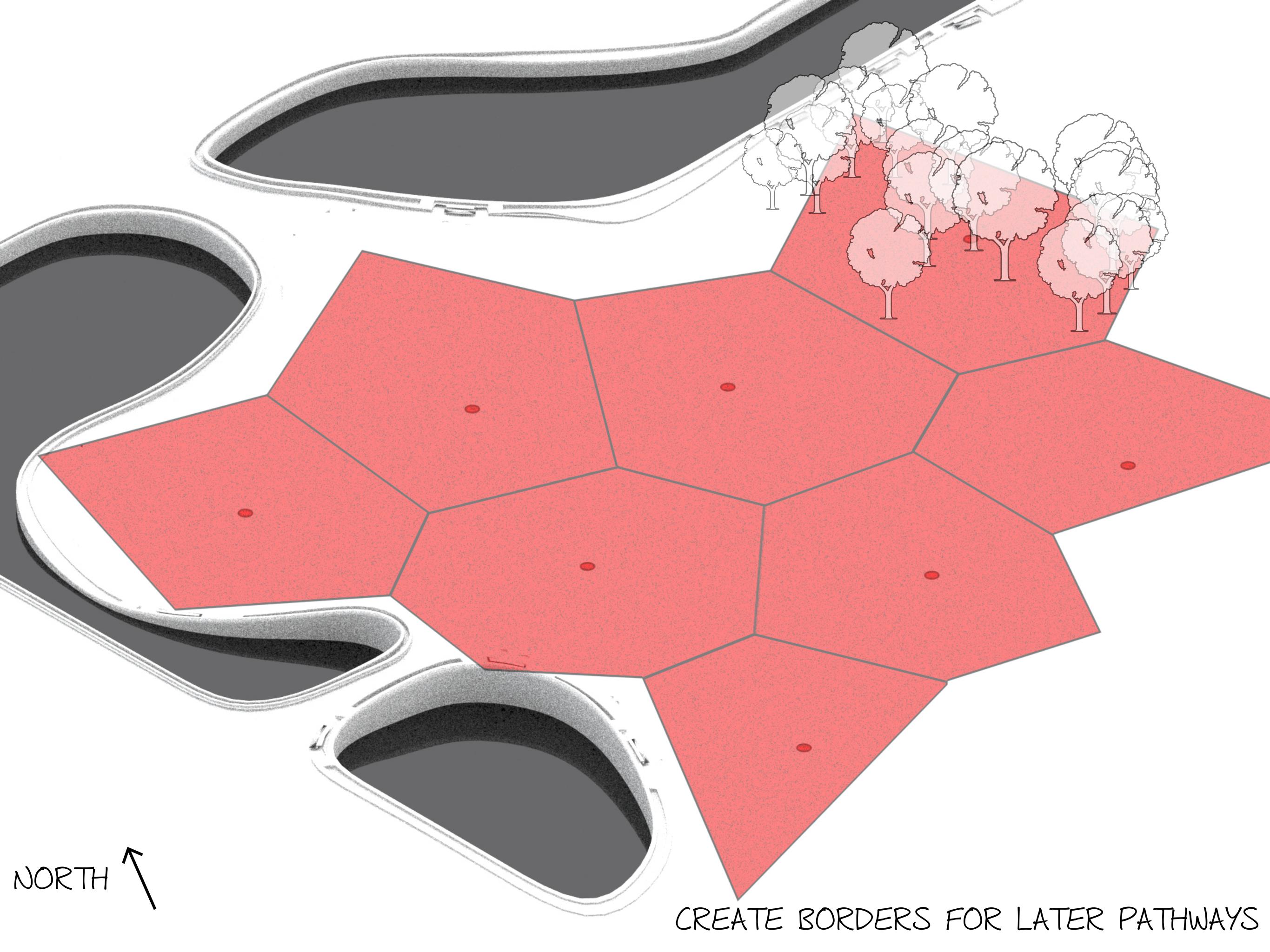
C: Bench

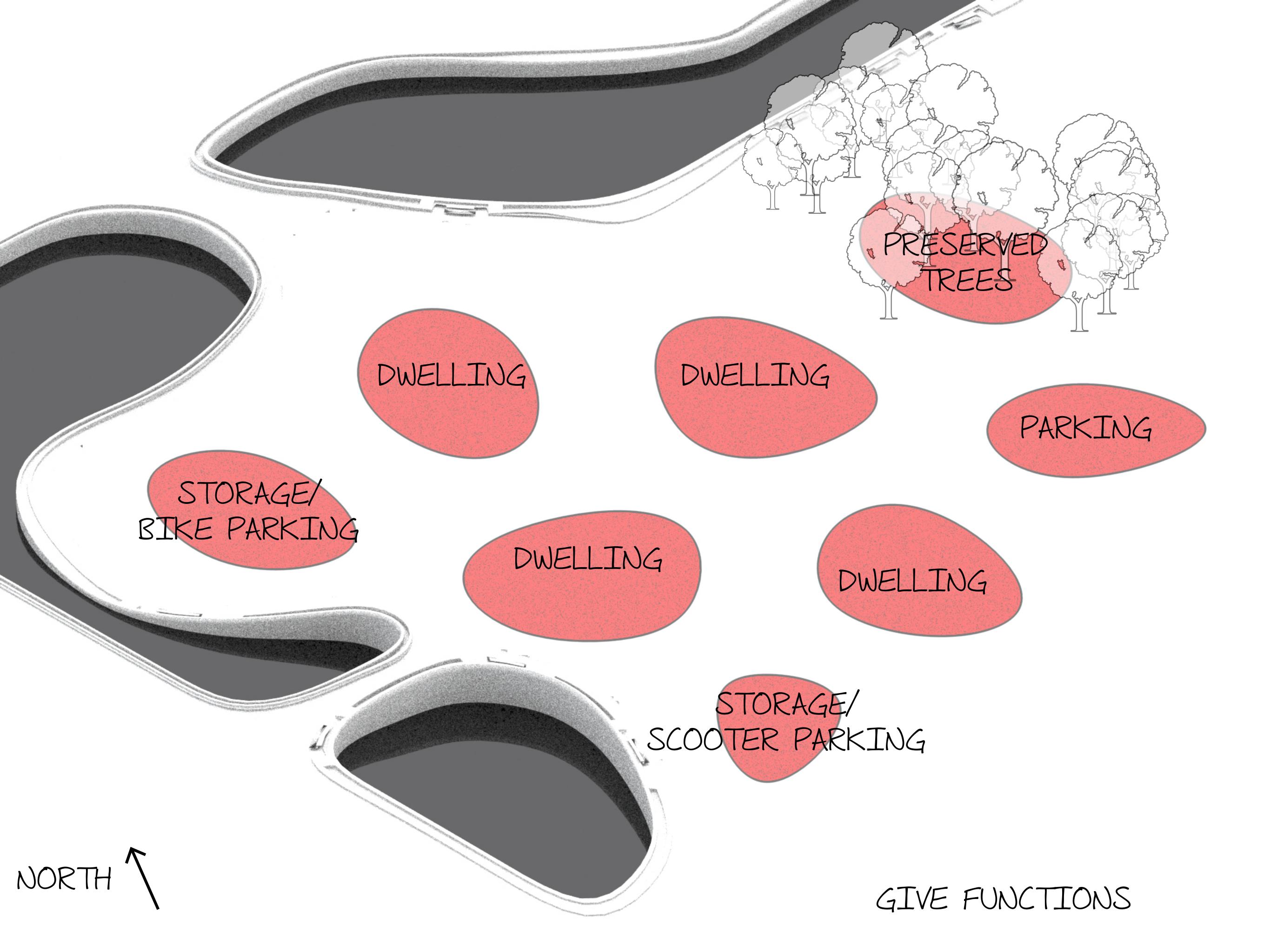
height 600<900mm sitheight 400<500mm sitdepth <500mm length 3000<7000mm

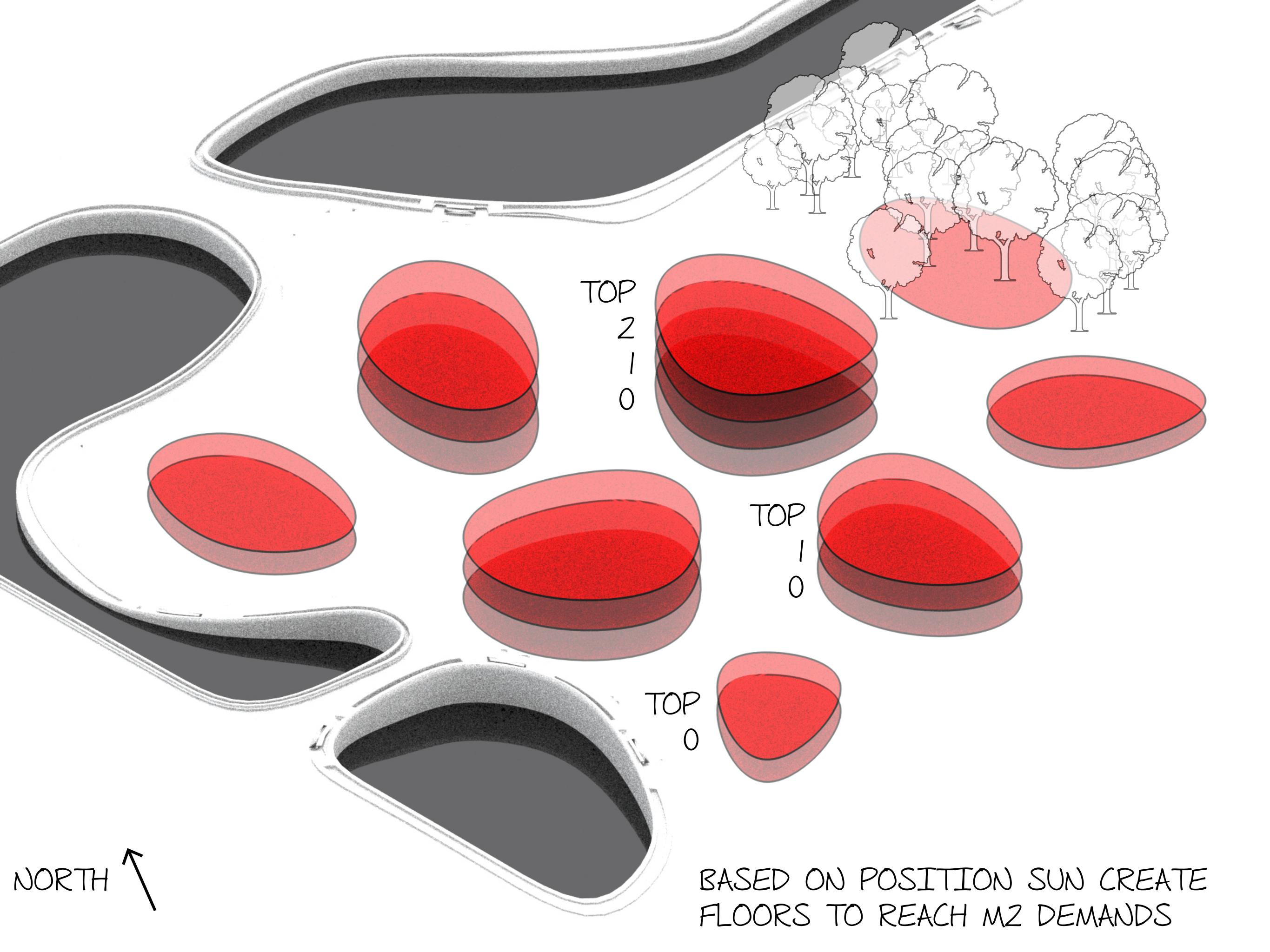


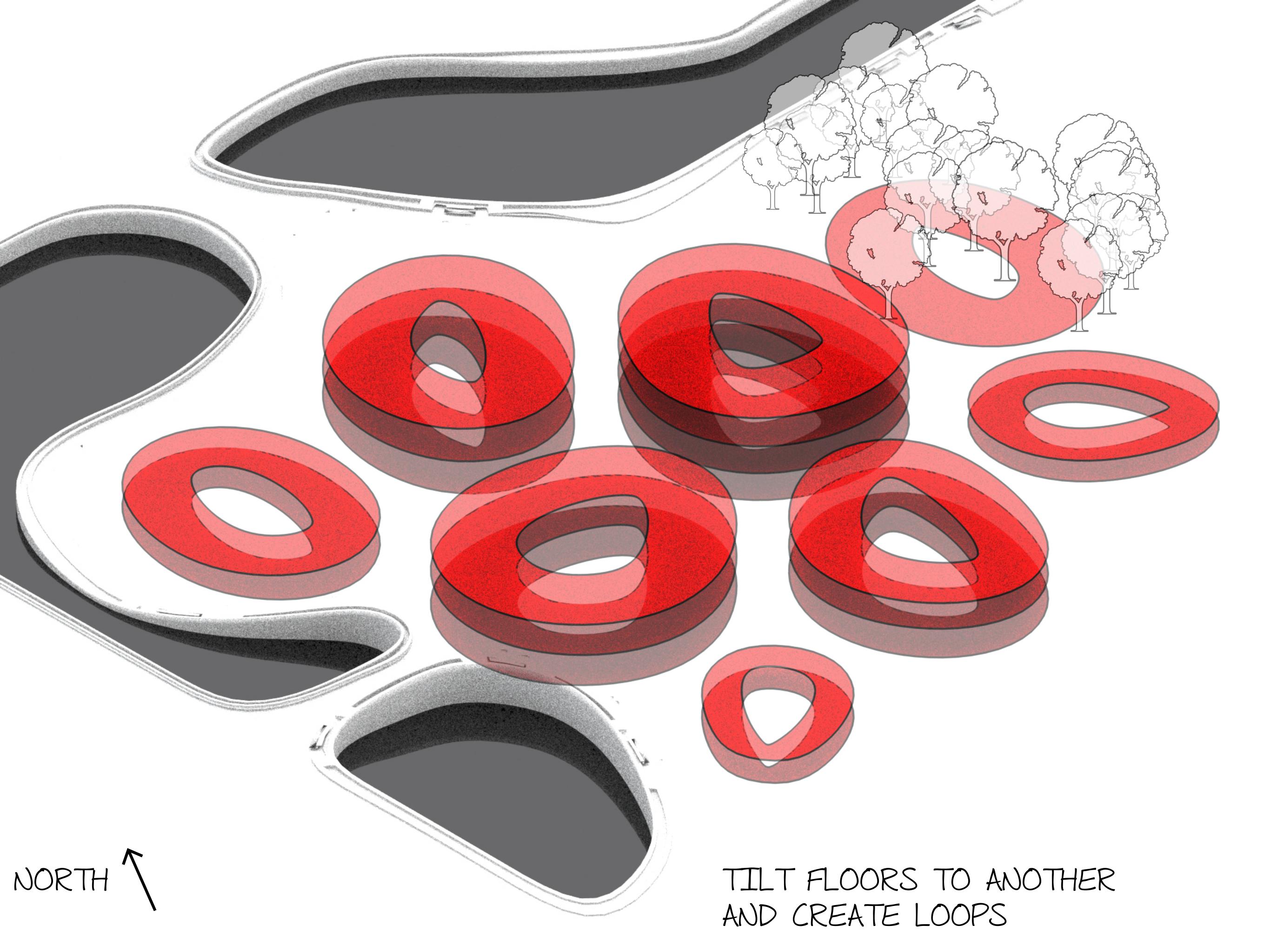


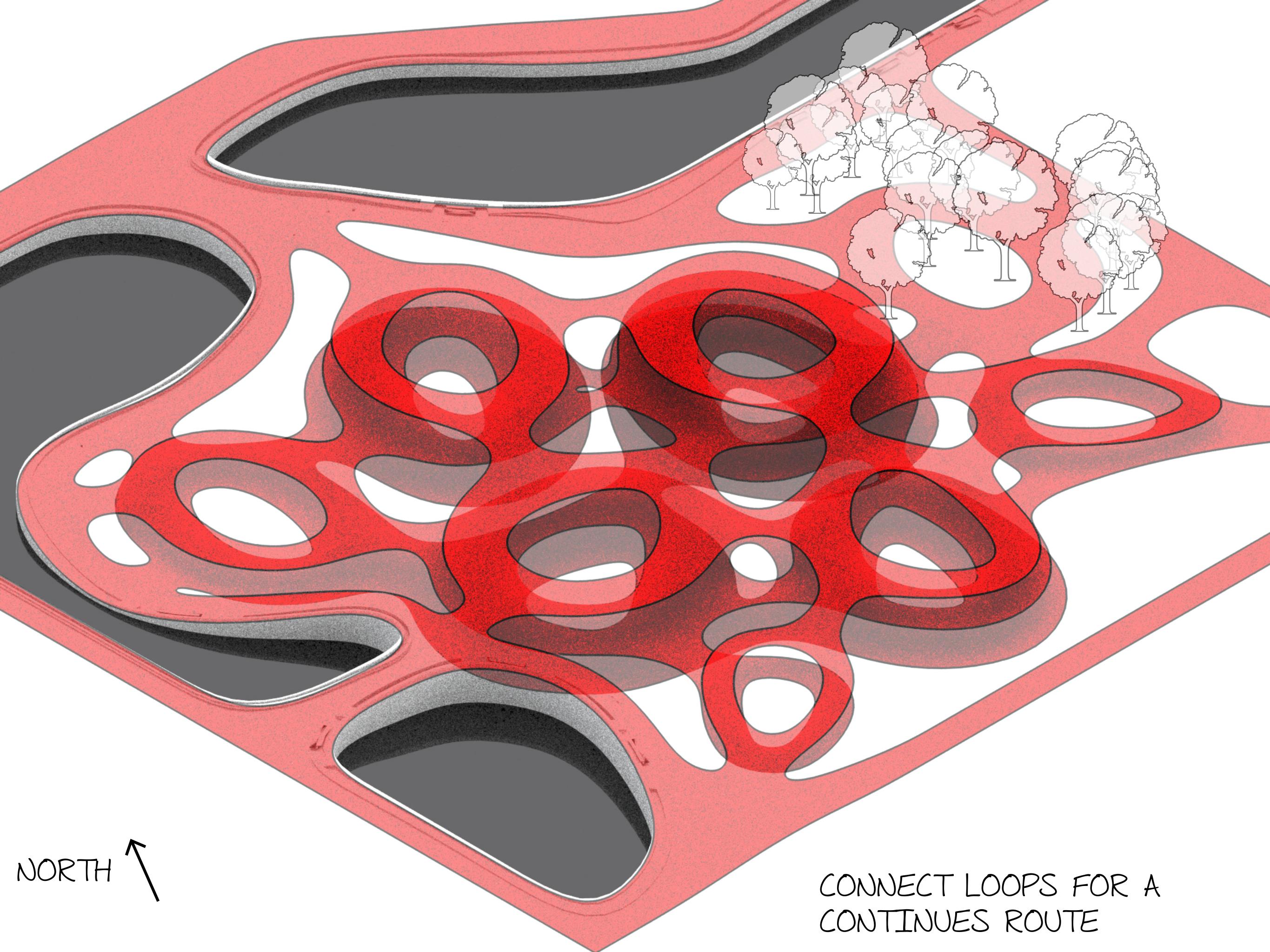


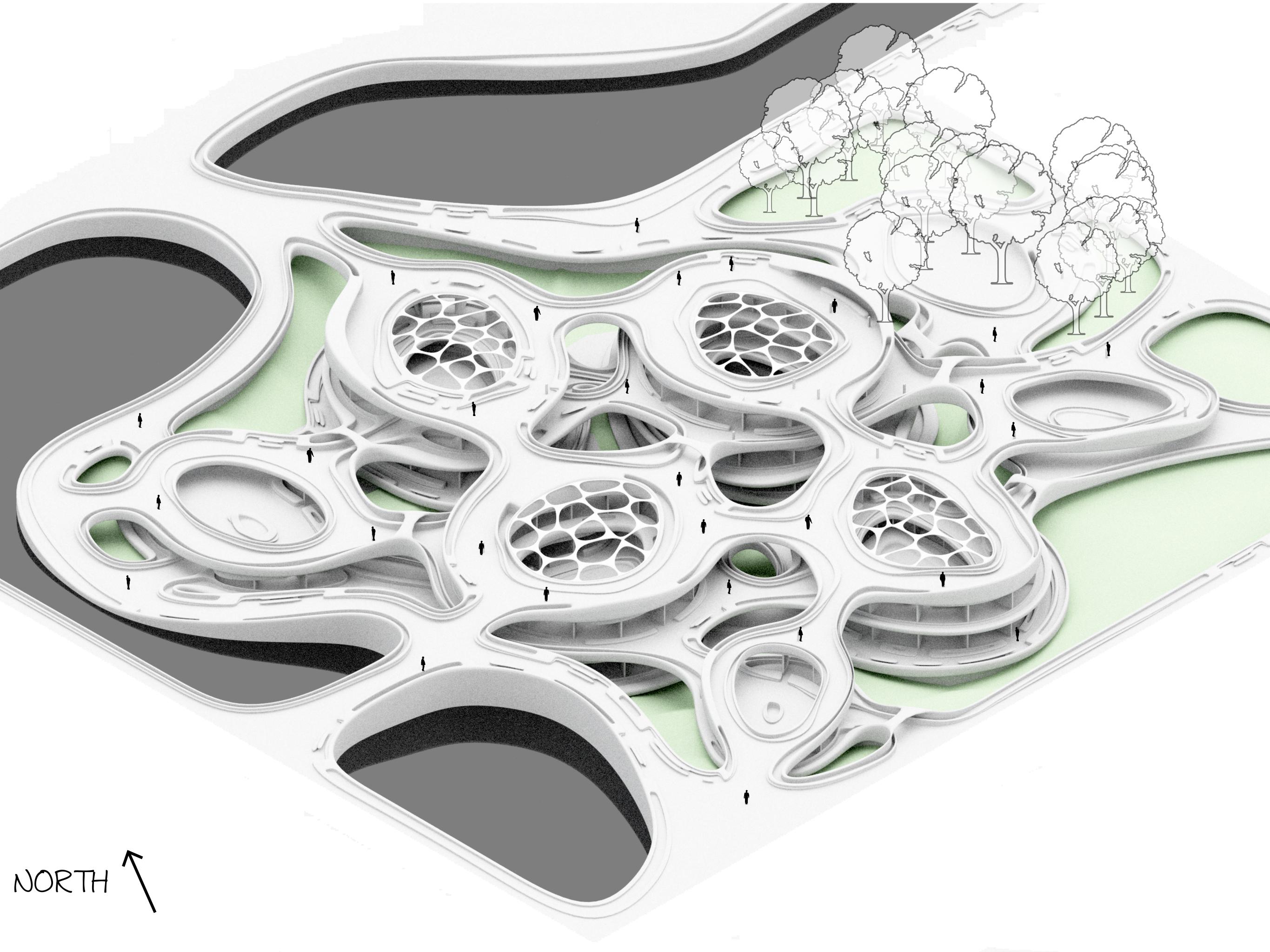


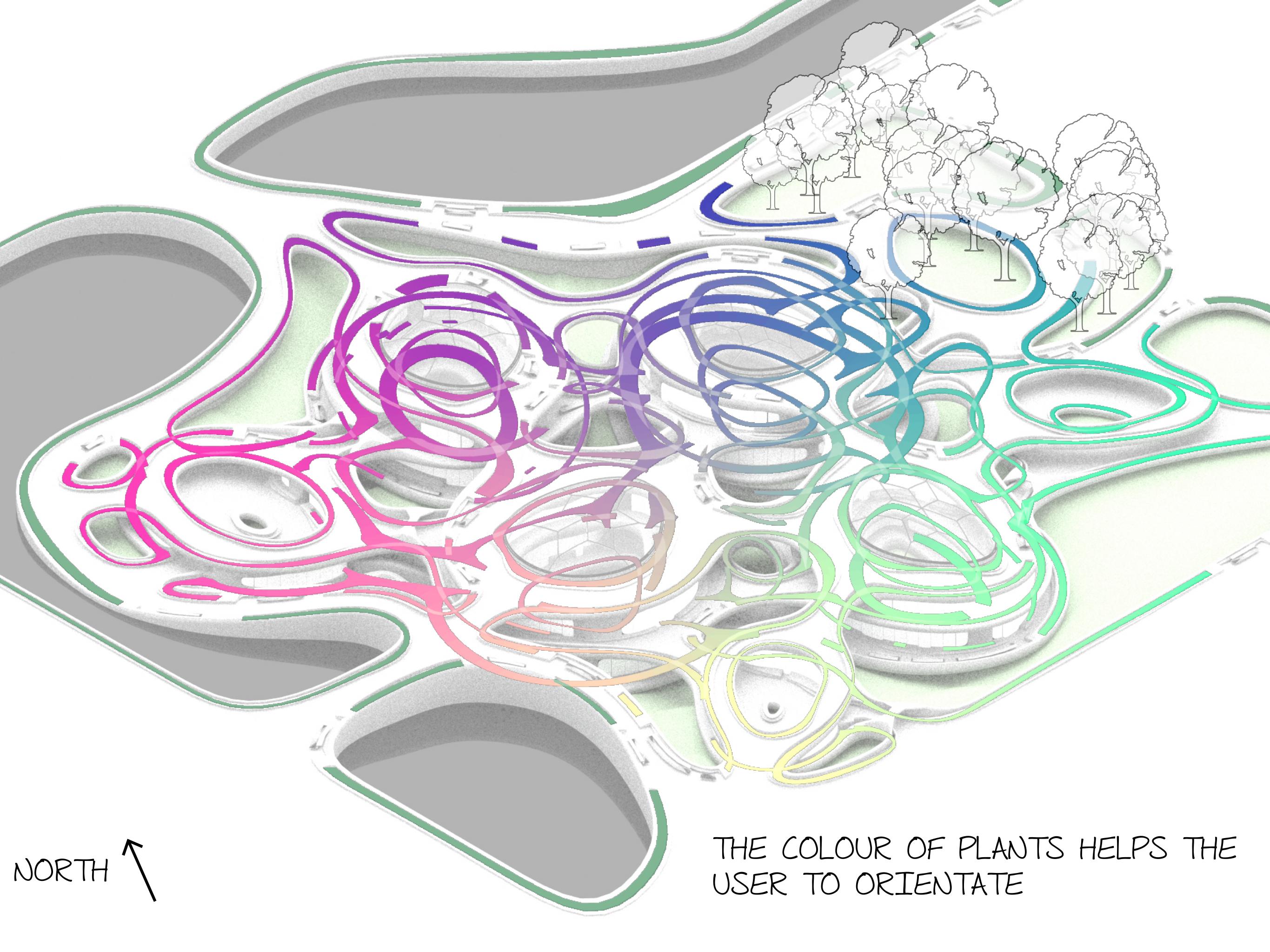




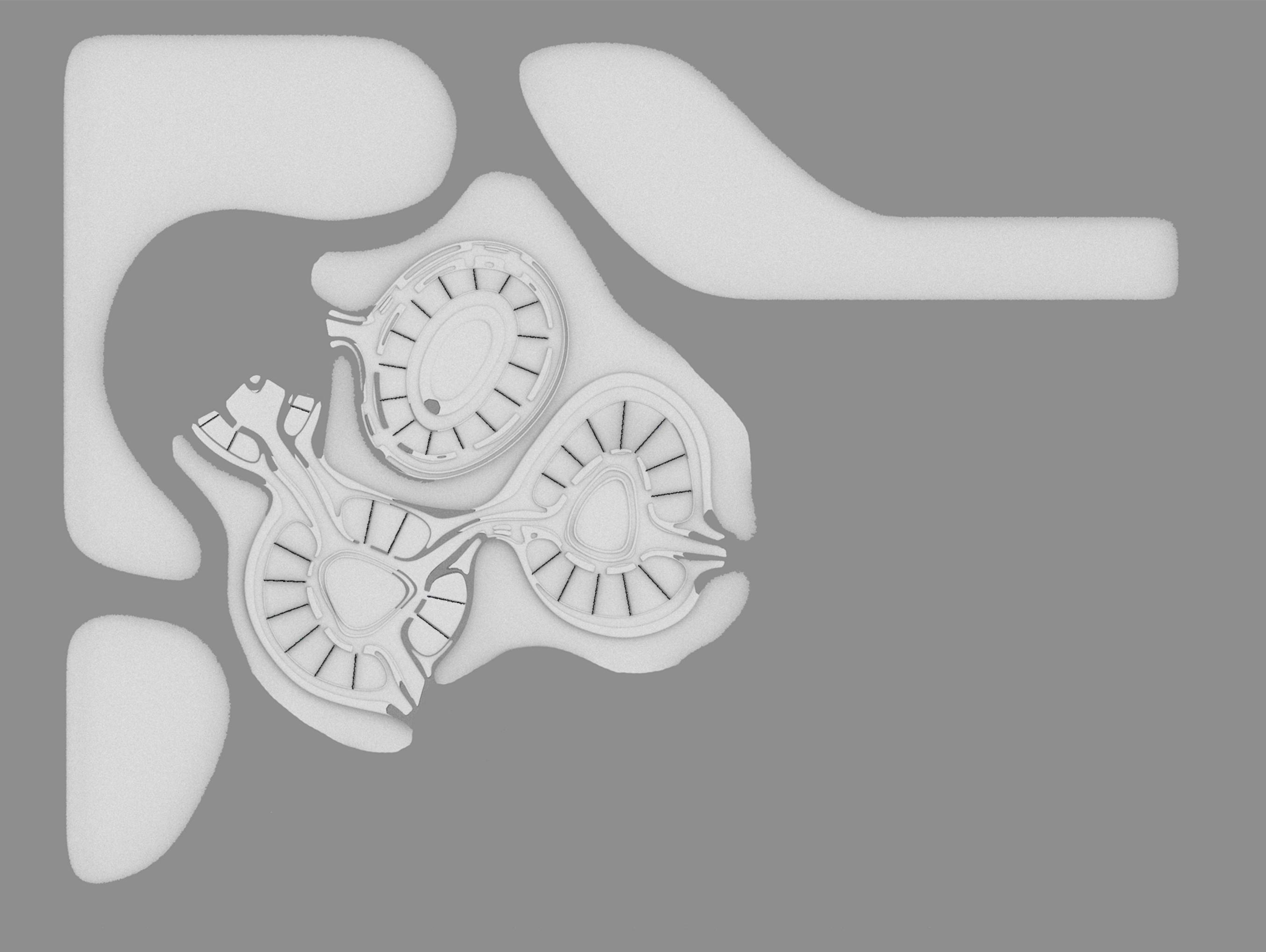


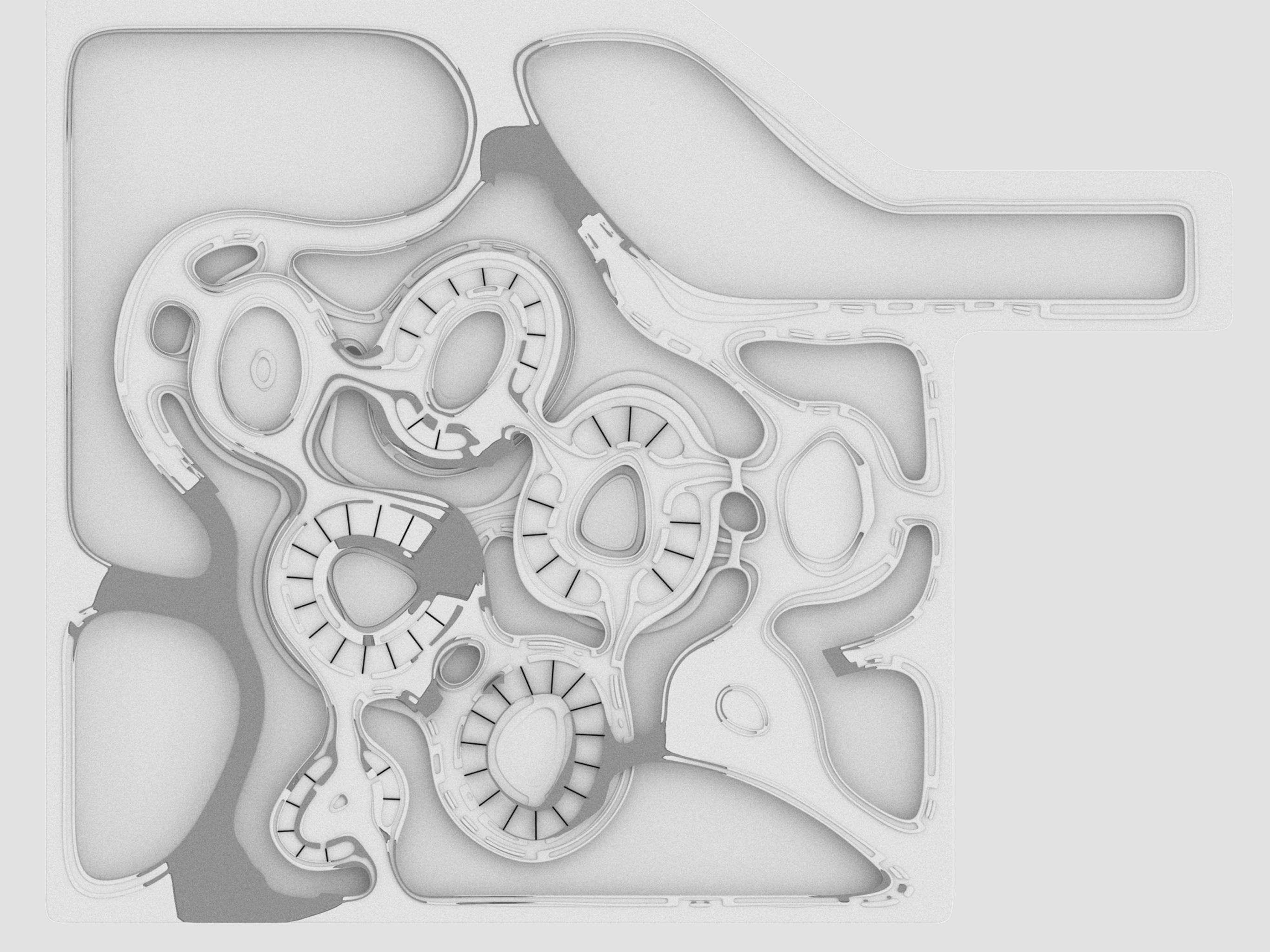


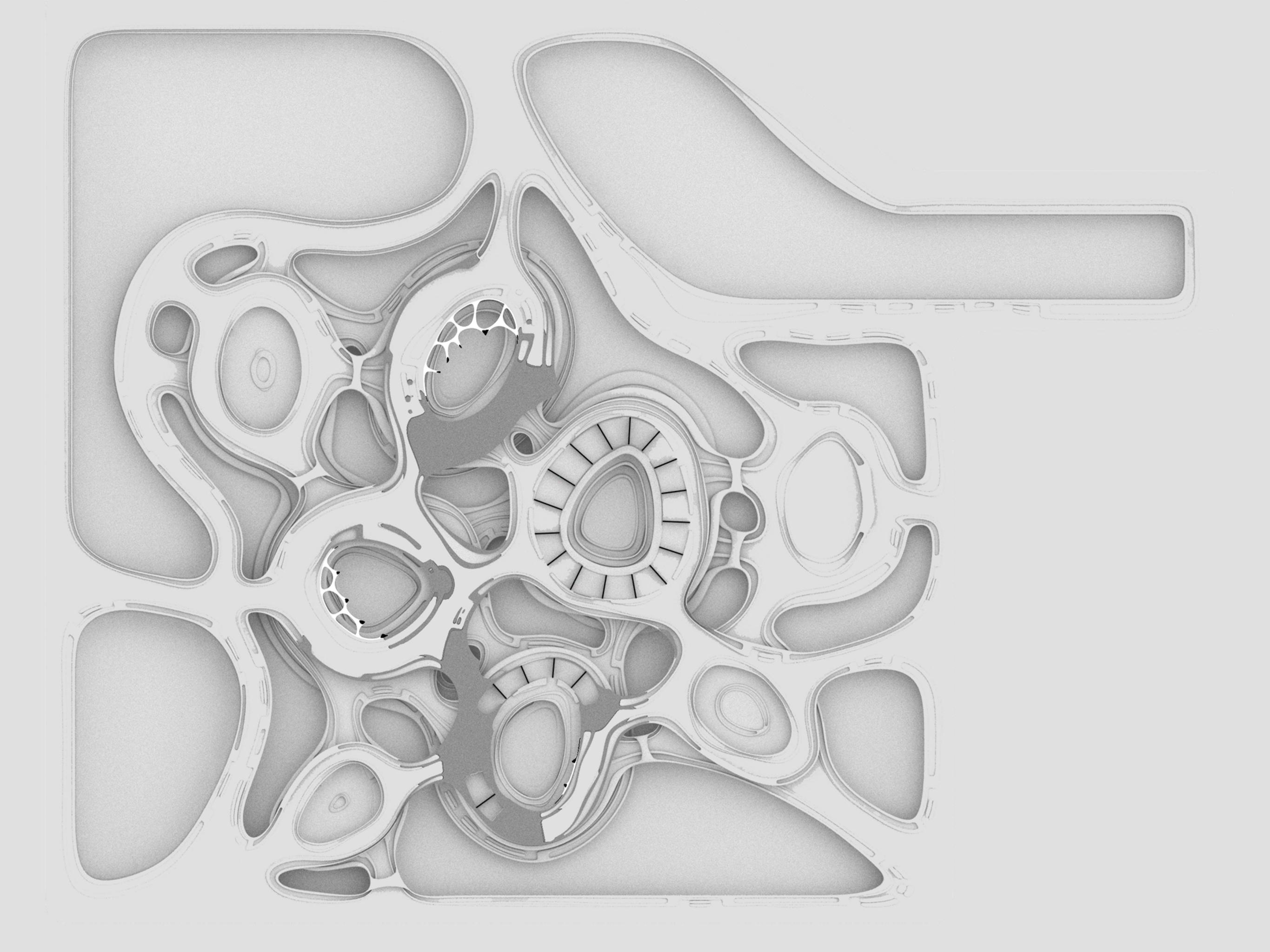


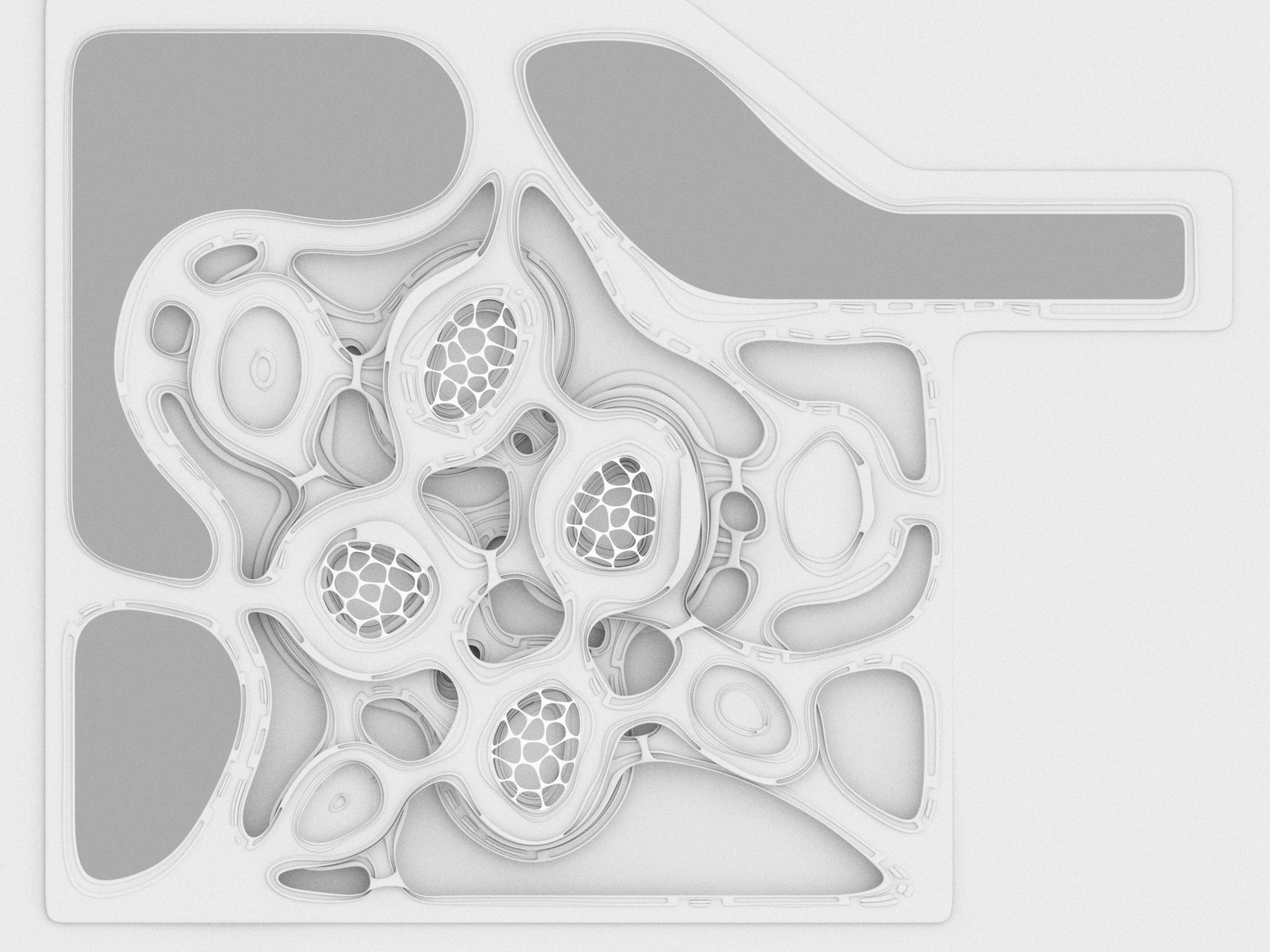


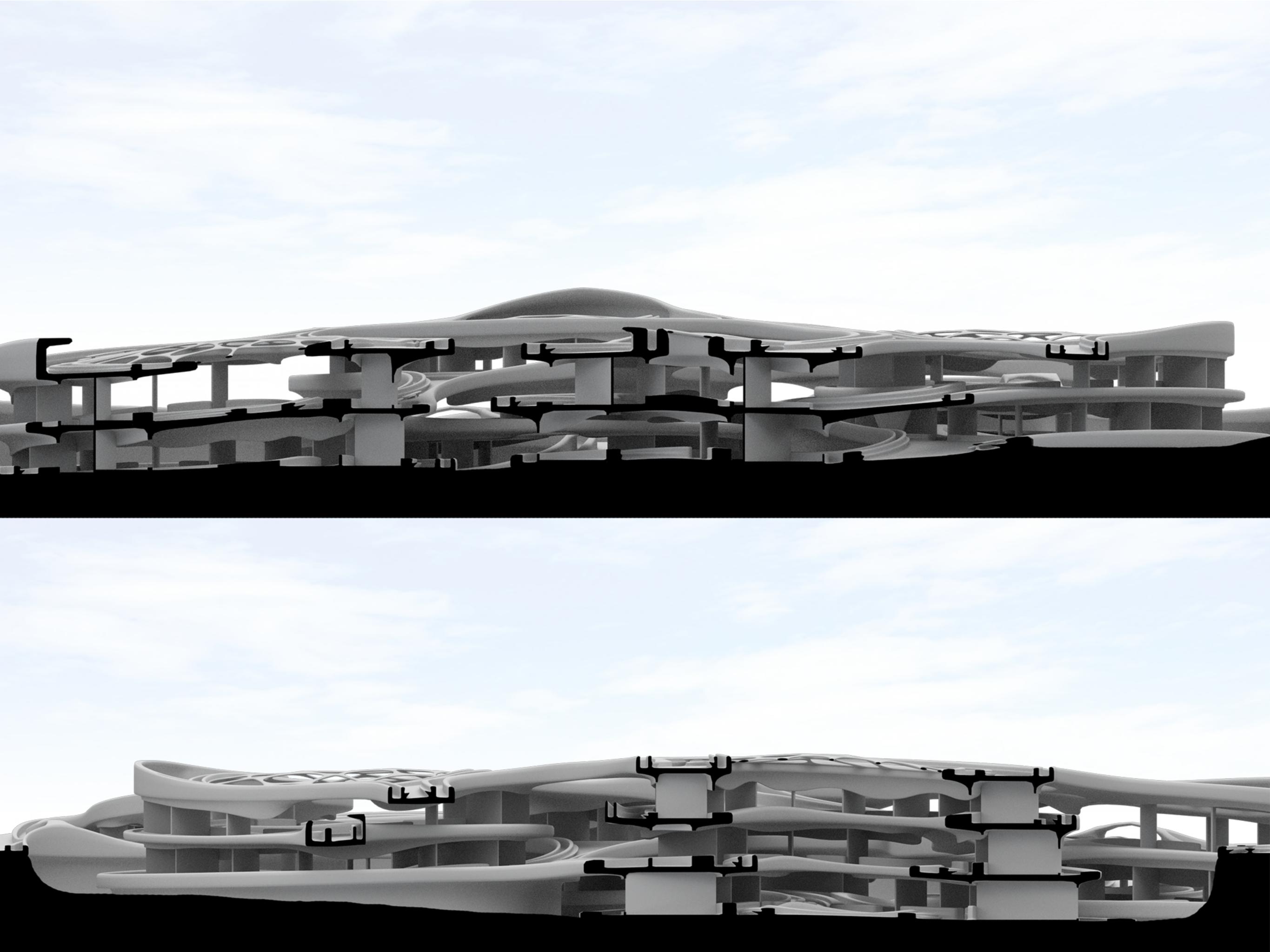
Size C Size A Size B <60CM 120CM> 60CM<120CM Sutera cordata Platycodon grandiflorus Monarda didyma Ageratum houstonianum Tagetes erecta Catharanthus roseus Rudbeckia hirta Dicentra spectabilis Yellow Geranium sanguineum Festuca glauca Salvia farinacea
Schizachyrium x Asclepias tuberosa Caladium x hortulanum Red Cuphea ignea Solenostemon scutellaroides Achillea millefolium Heuchera hybrid Sanvitalia procumbens Canna generalis Dianthus chinensis Zinnia elegans Purple Sanvitalia speciosa Celosia agentea cristata Rudbeckia hirta Dicentra spectabilis Hemerocallis hybrids Senecio cineraria Blue Platycodon grandiflorus Monarda didyma Iris cristata Miscanthus Festuca glauca Achillea millefolium White

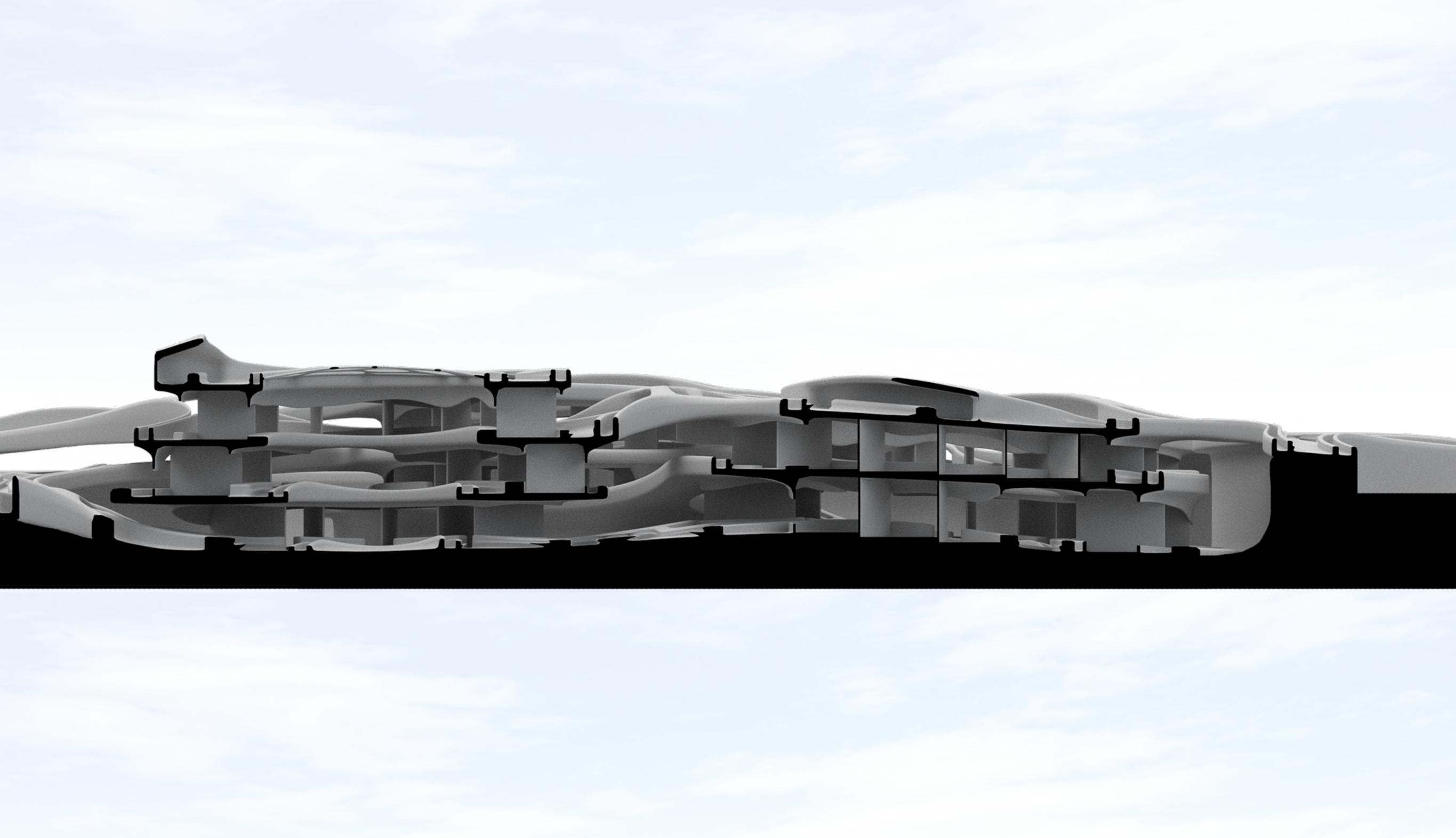


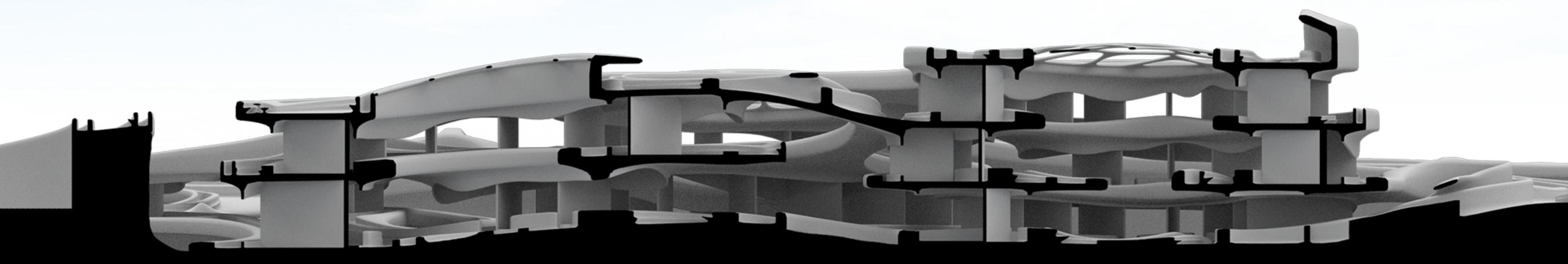


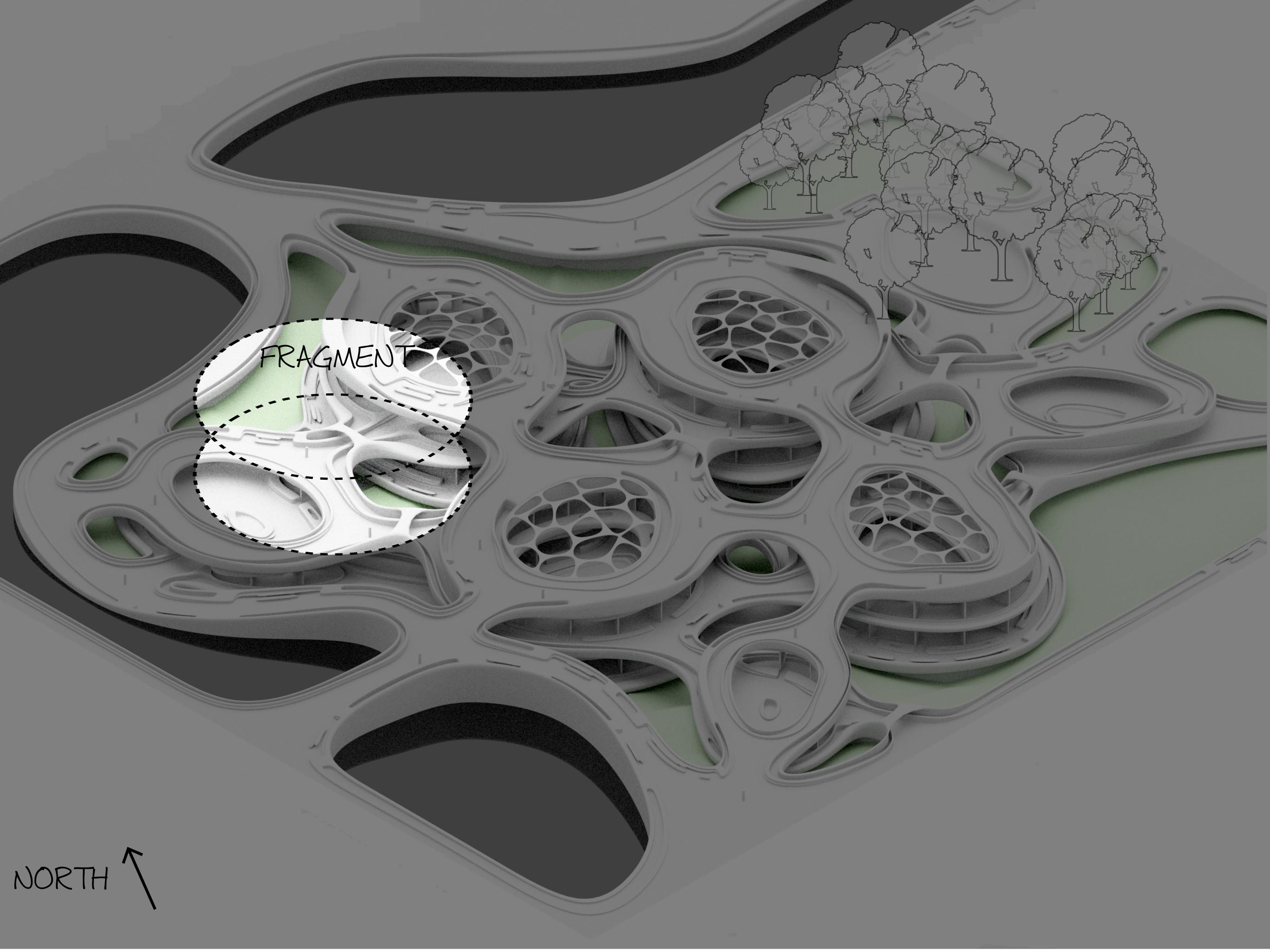


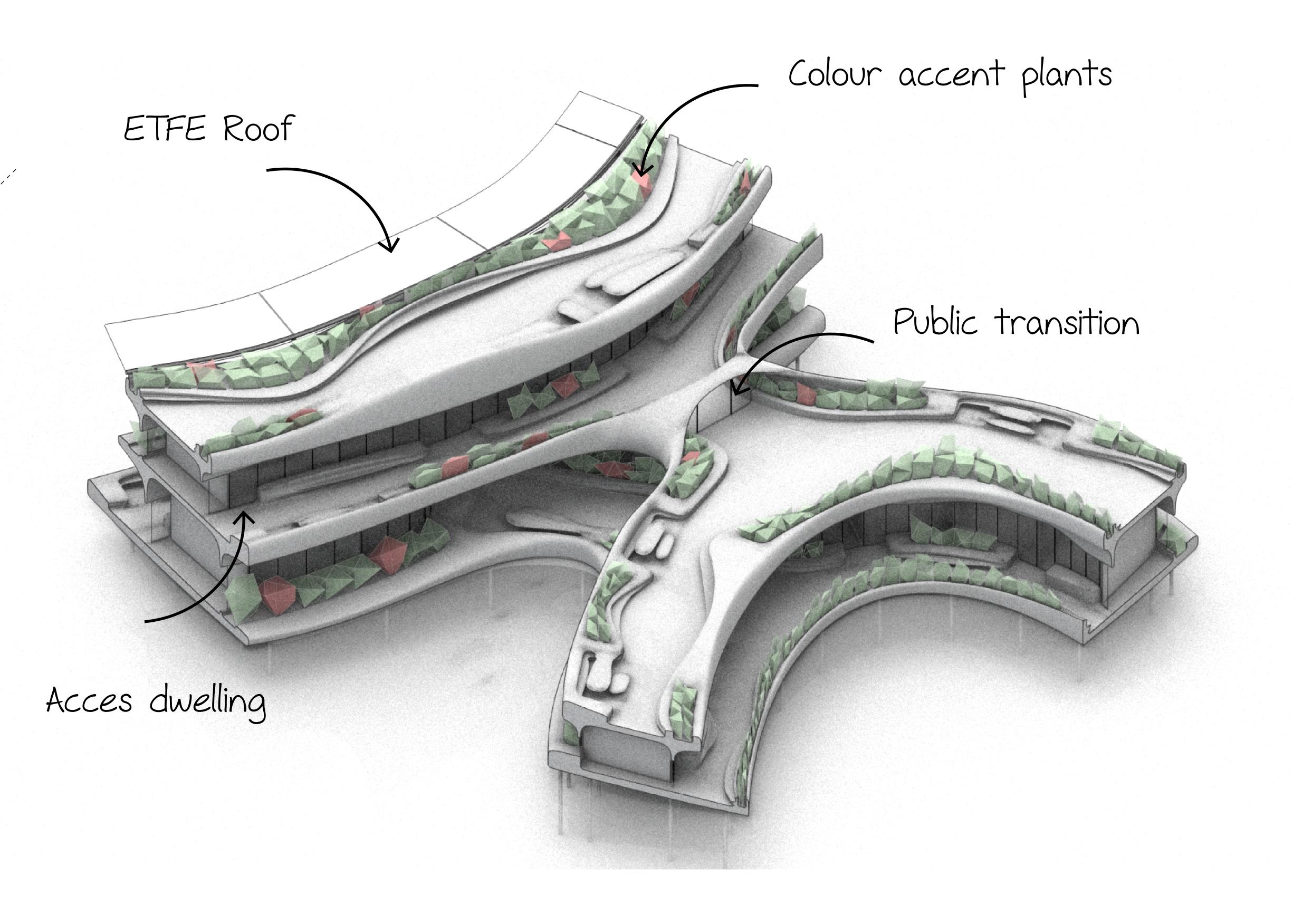


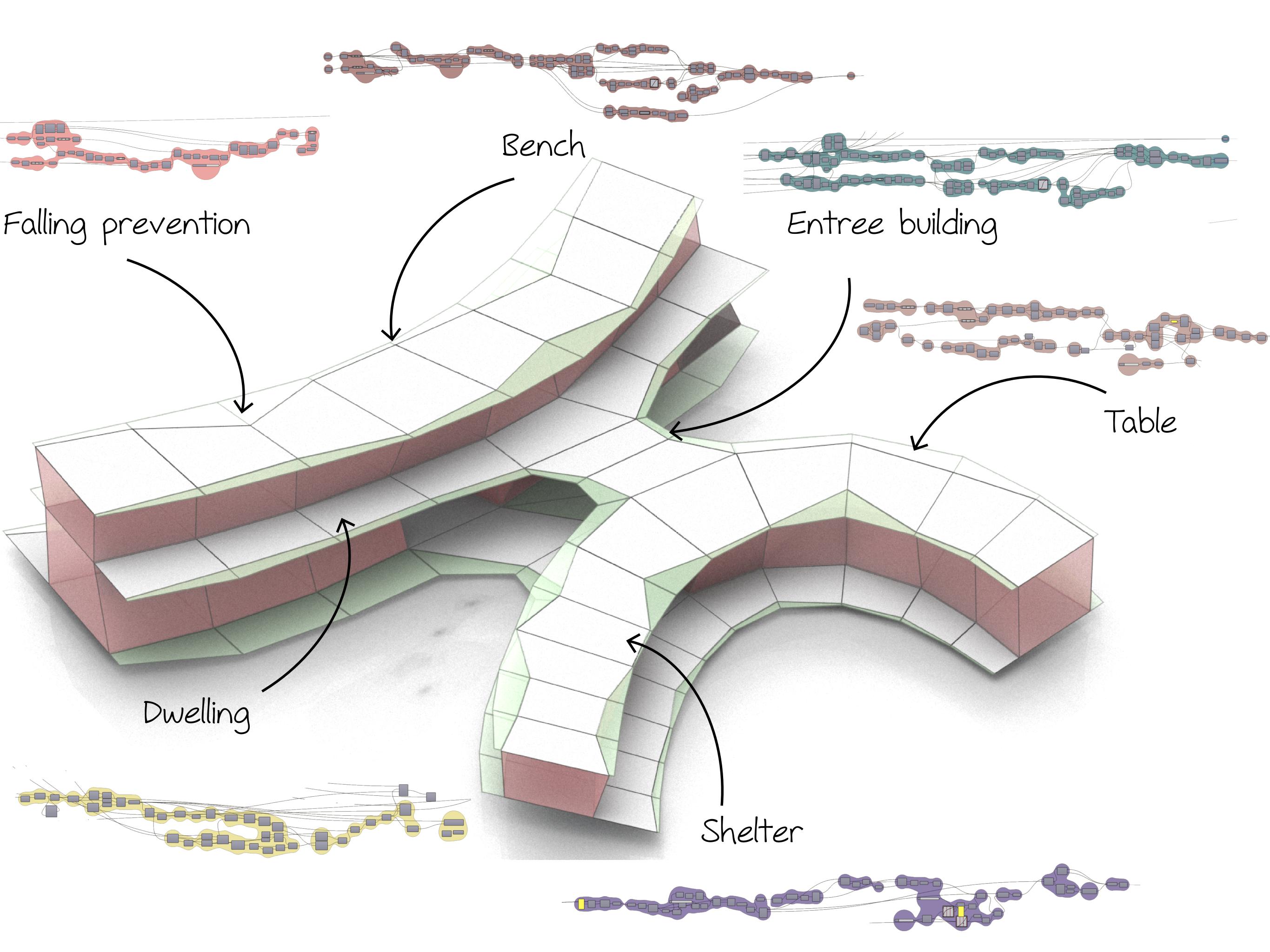


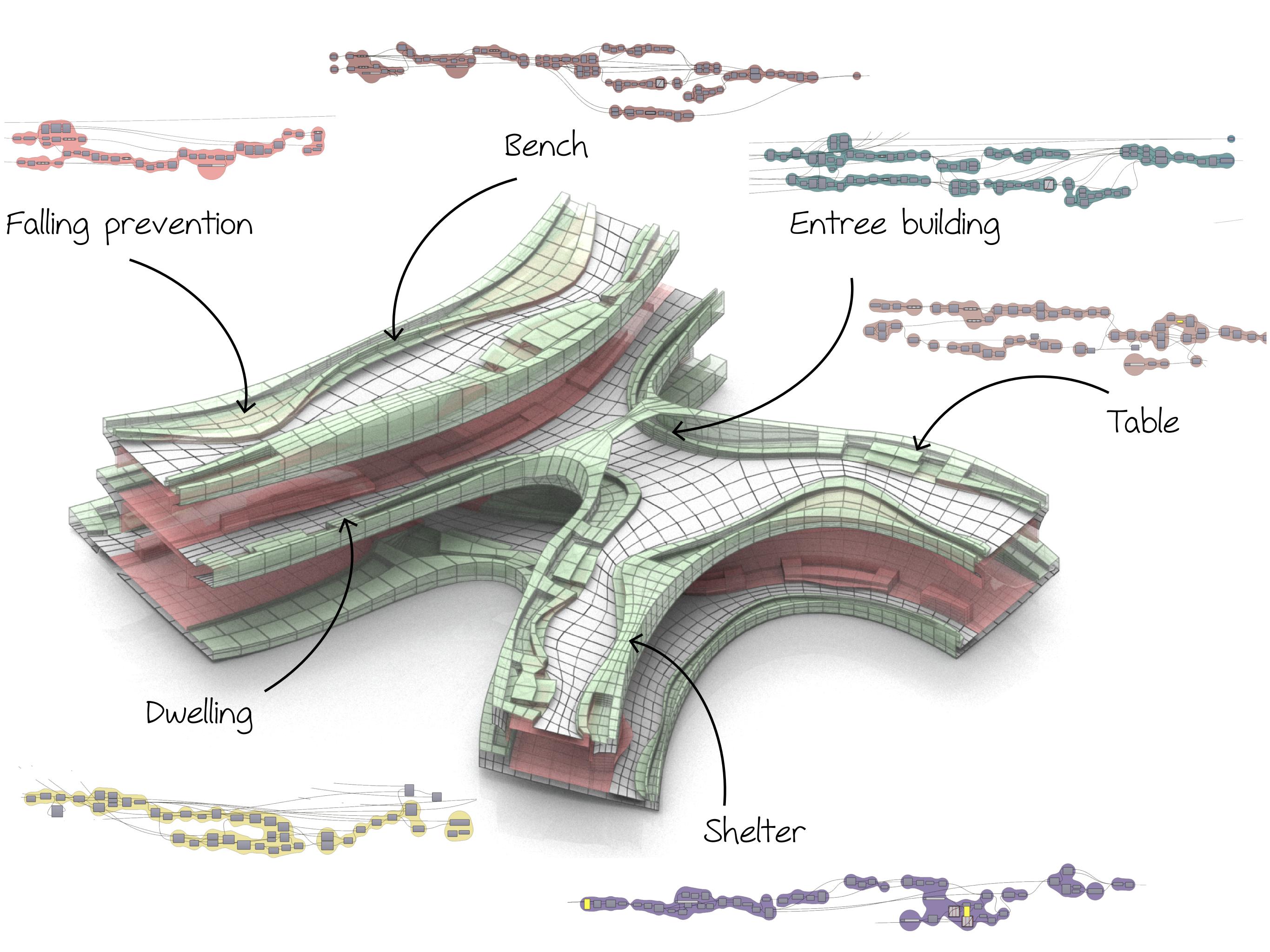


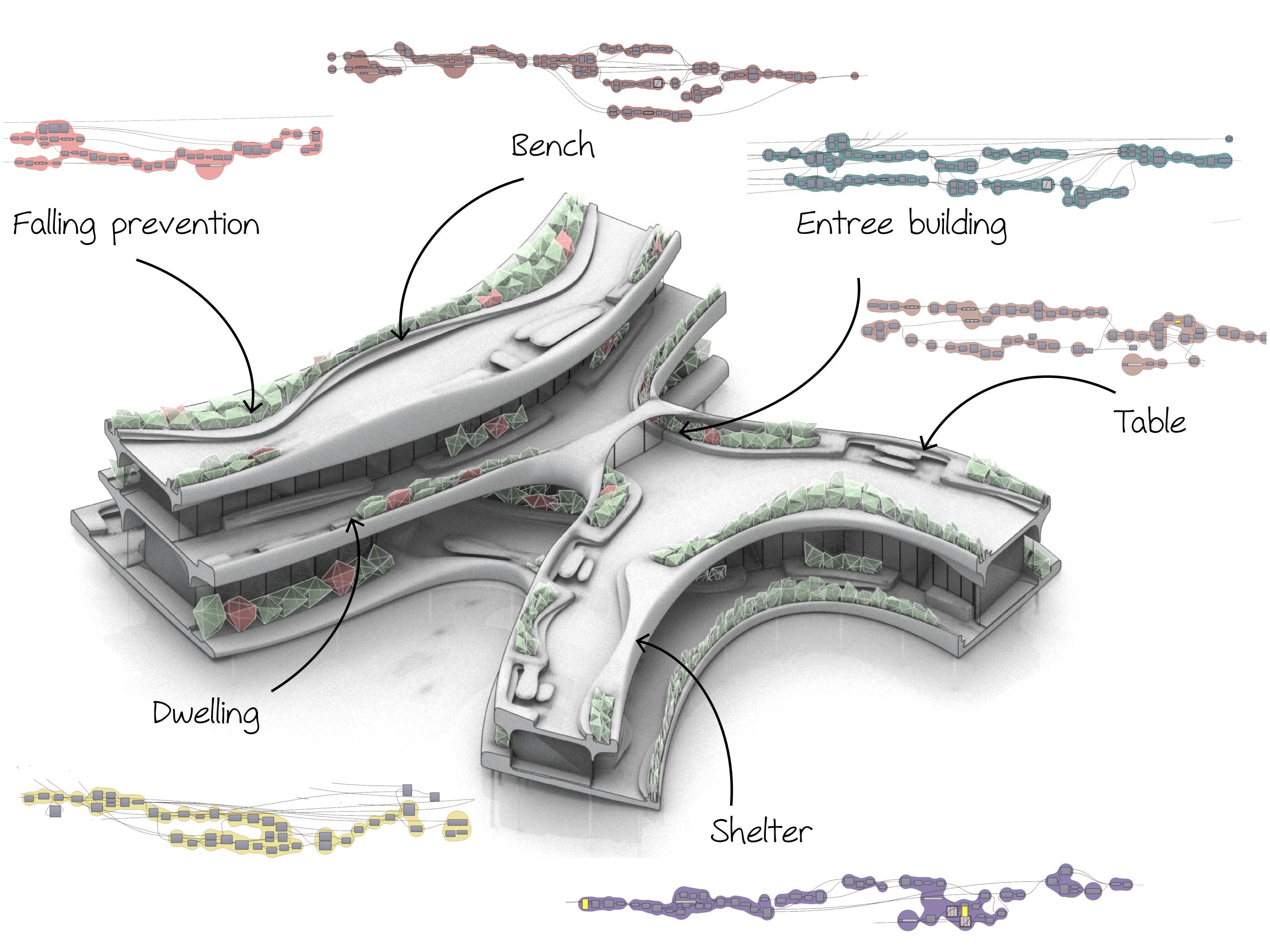


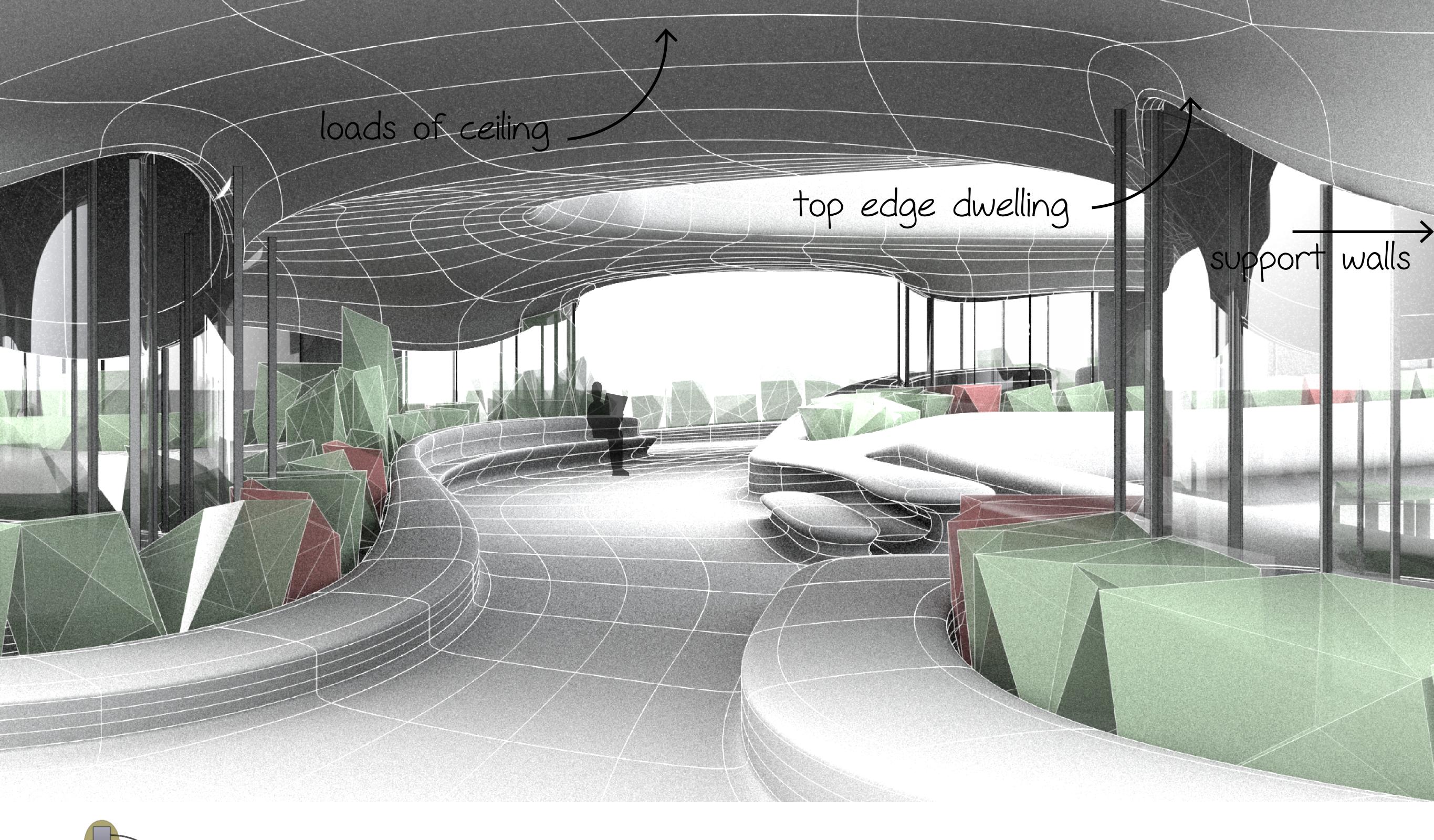


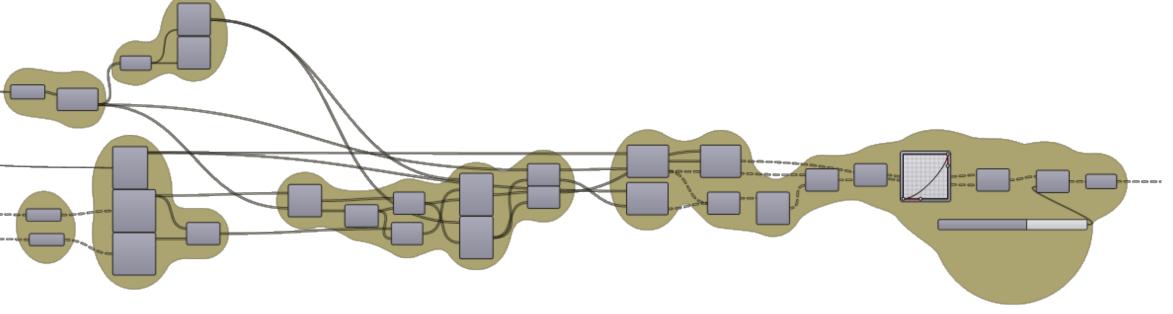




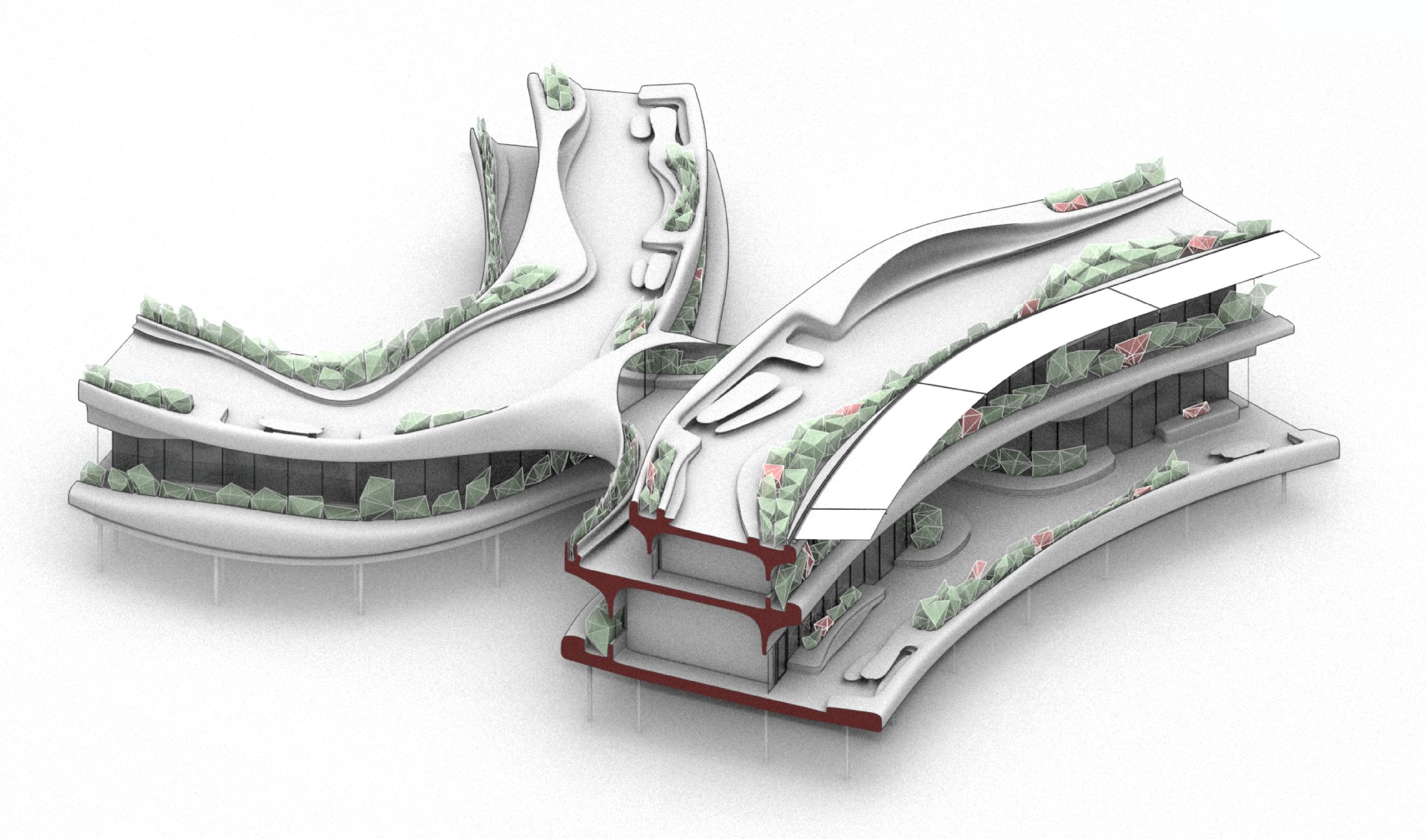




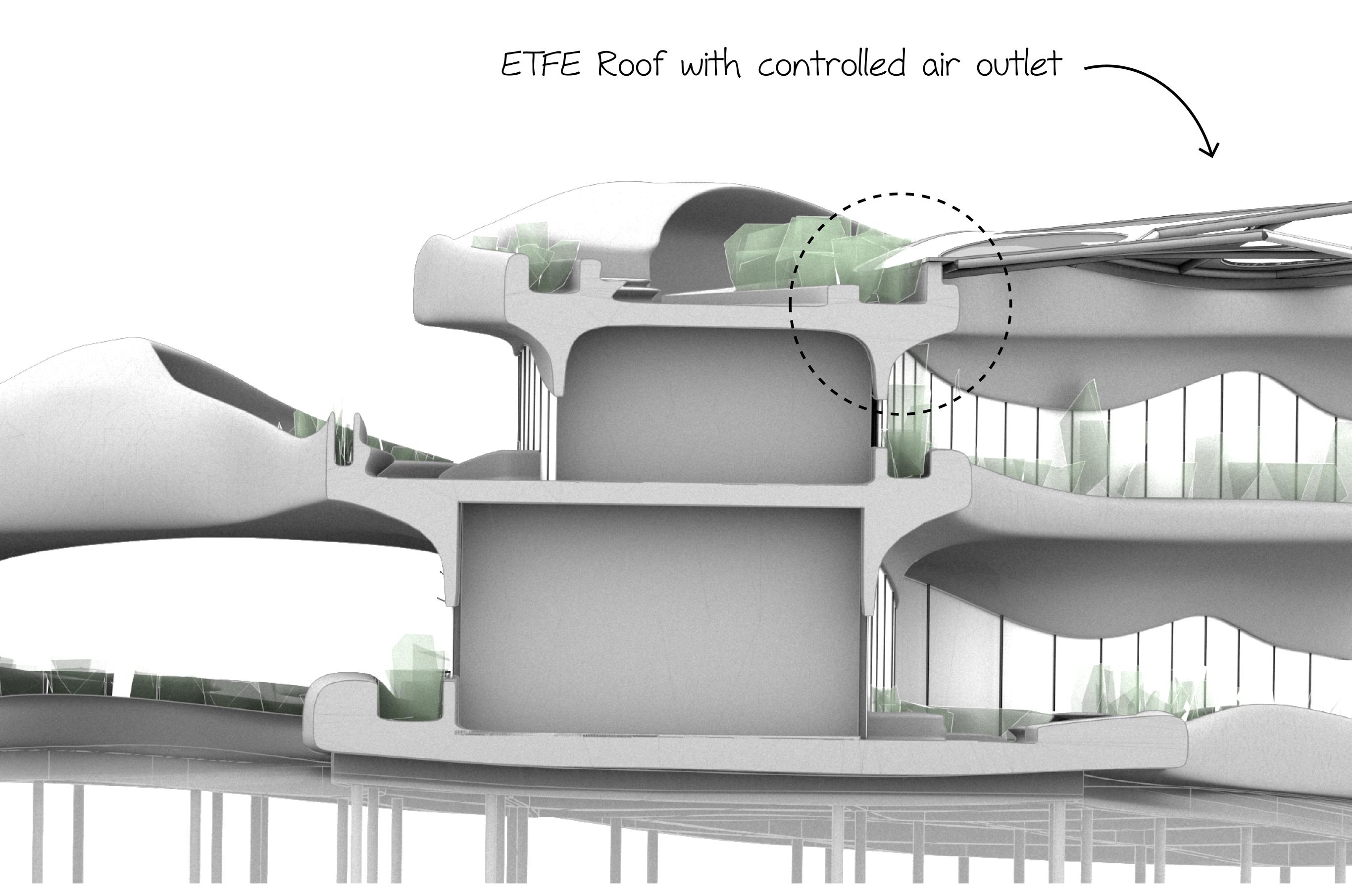


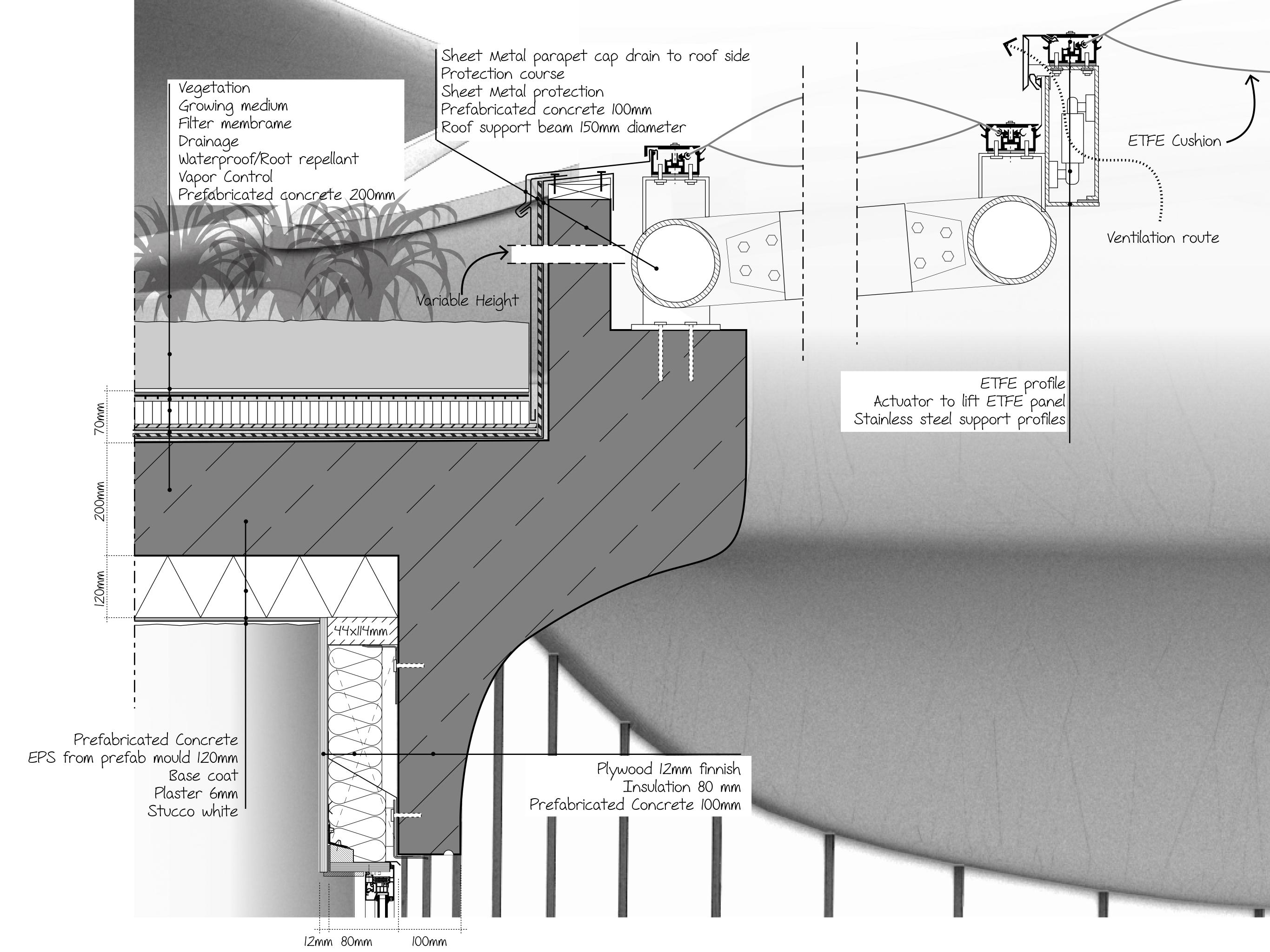


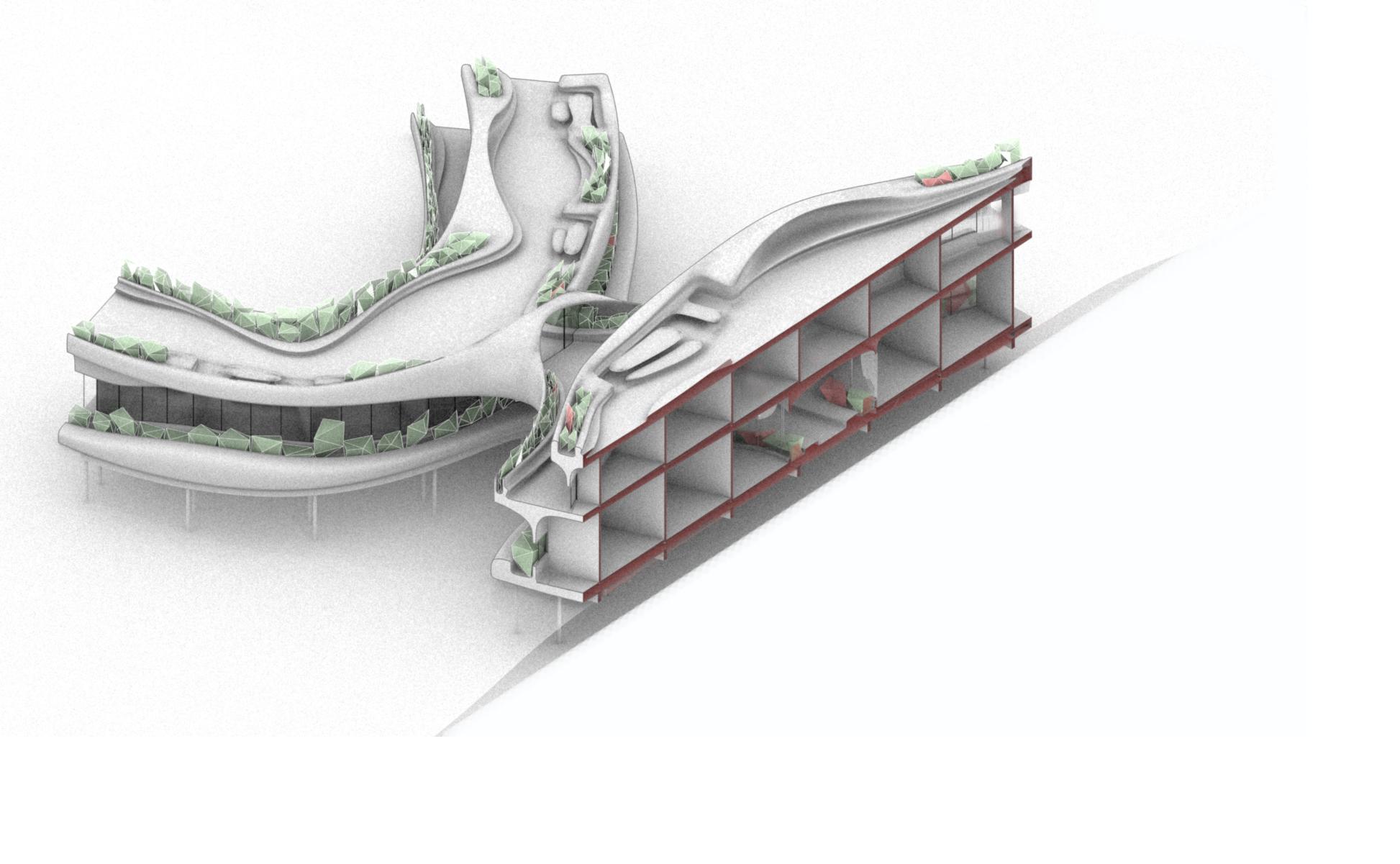
Ceiling is shapes according to the load of forces. The top edge of the dwelling will continue transfering it to the structural walls.

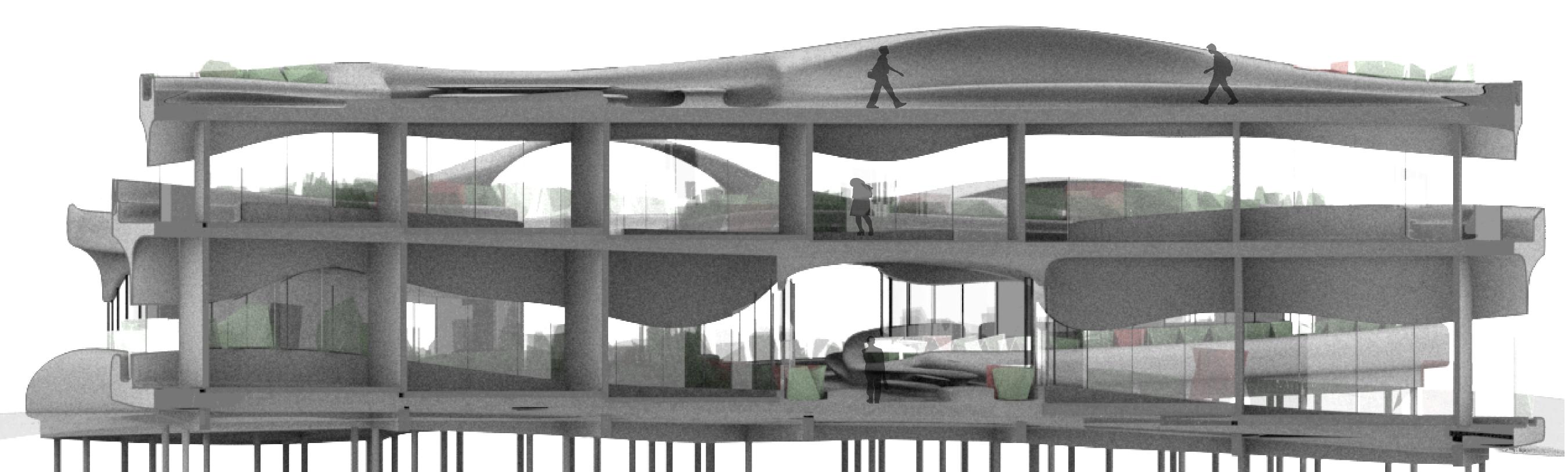


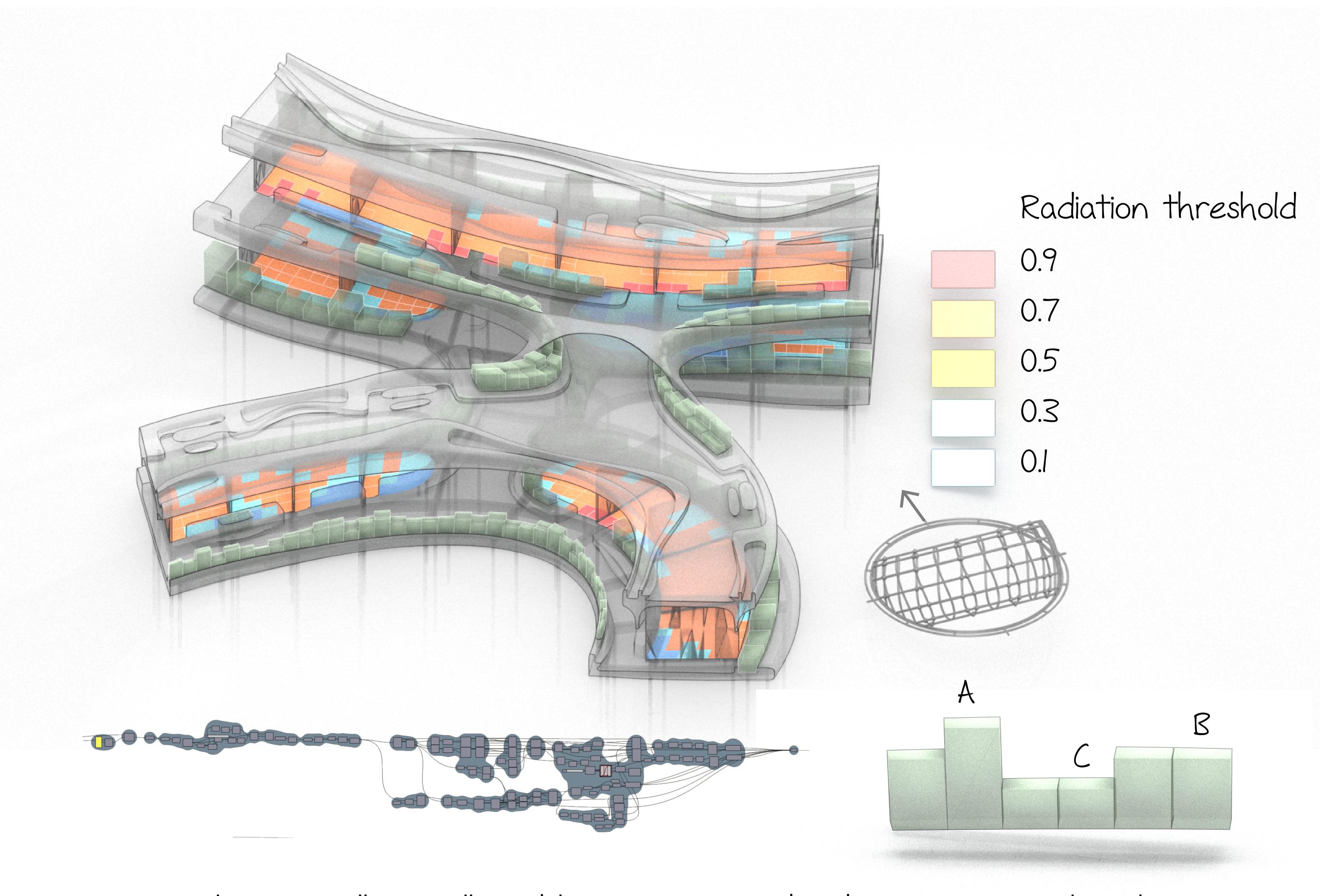
All dwelling will have an cold and warm side. Solar radiation heats the space underneith ETFE. By controlling the air outlet, the dwellings will be ventilated, cooled and warmed in summer and winter.



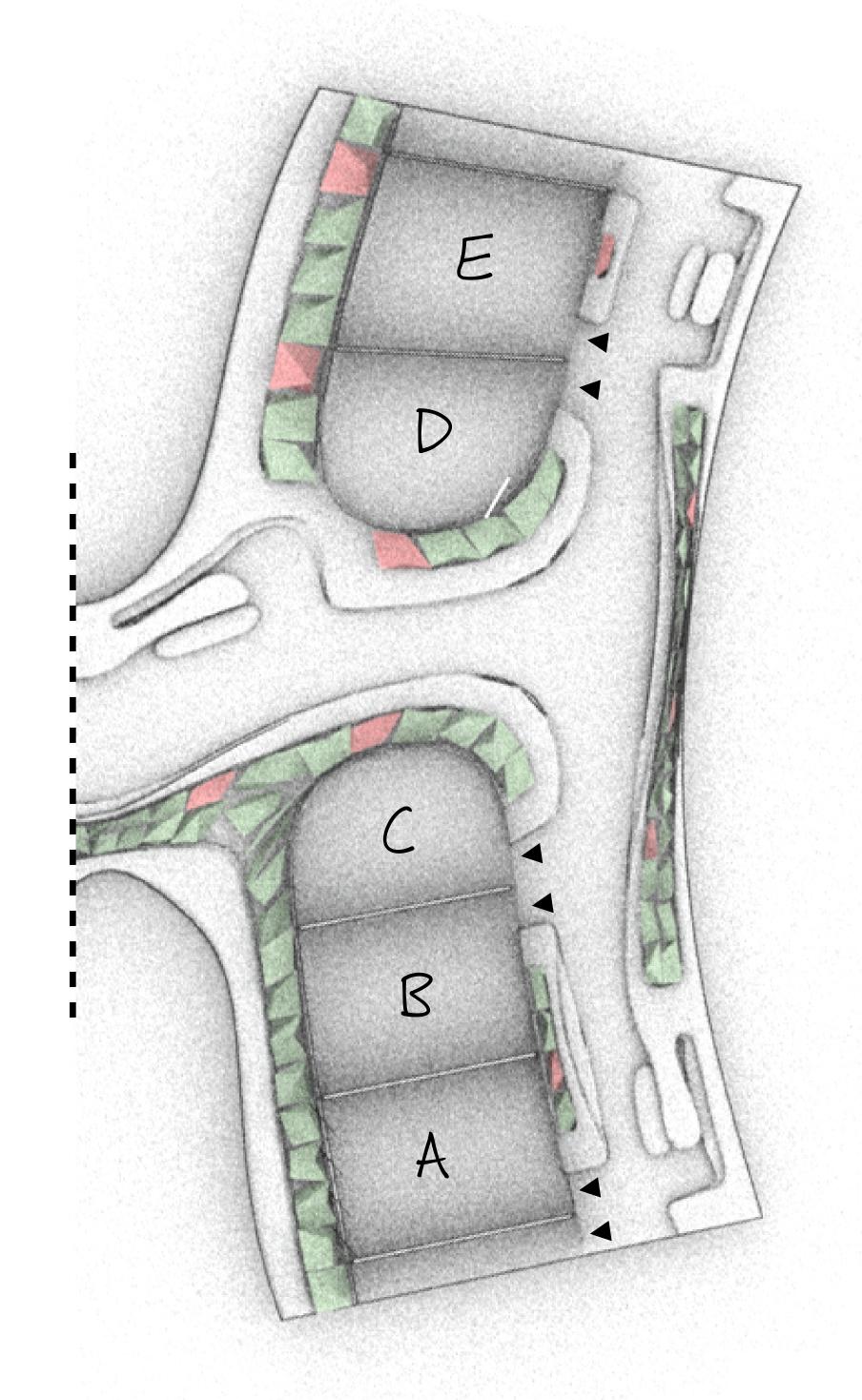








Computational script will run all posible variations of heights for minimuml and maximum allowed radiation of the interior of the dwellings



First Floor

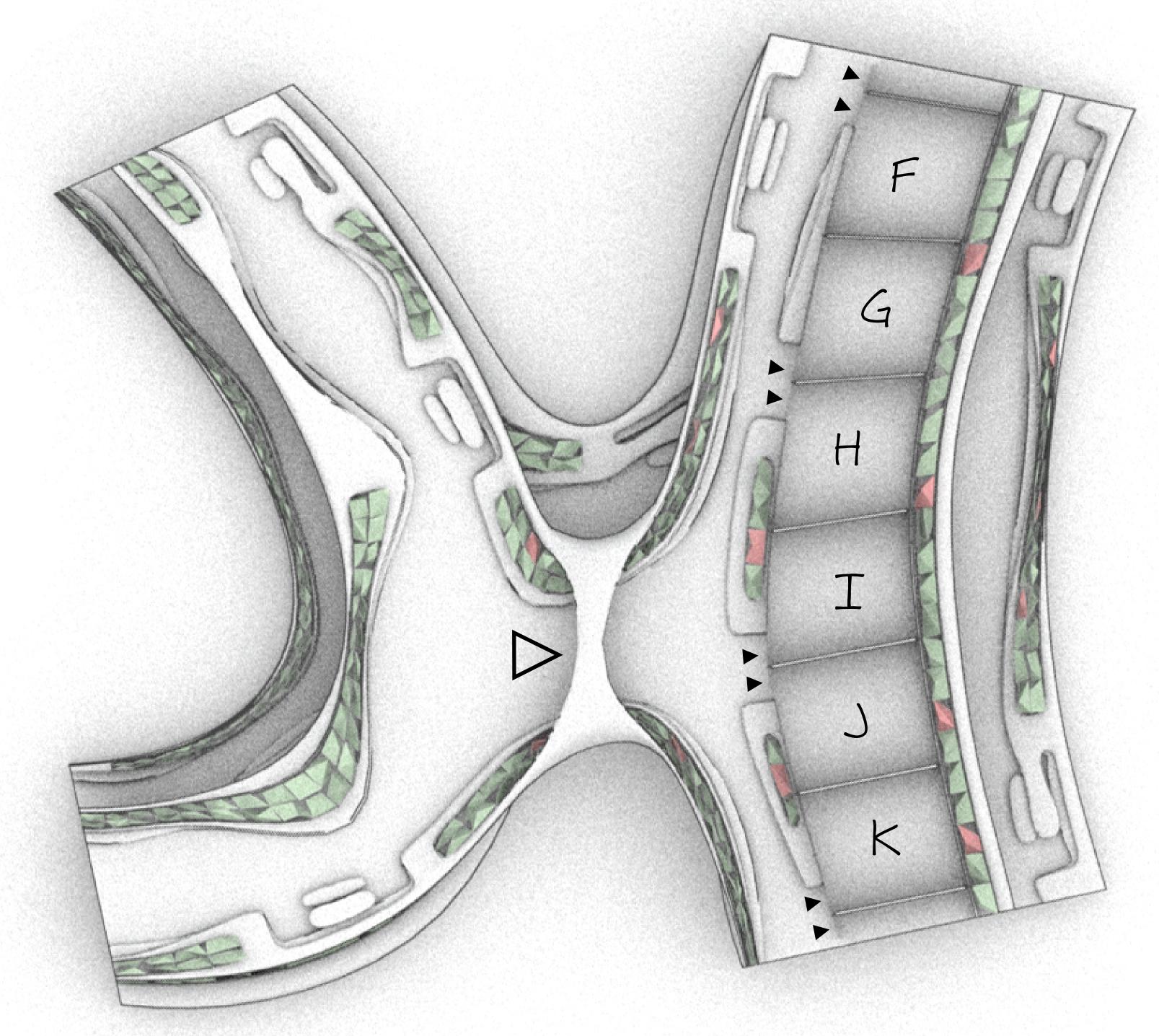
A Master 44m2

B Master 42m2

C Master 38m2

D Master 40 m2

E Master 44 m2



Second Floor

F Bachelor 35m2

G Bachelor 36m2

H Bachelor 36m2

I Collective space 34m2 J Bachelor 36m2

K Bachelor 36m2

