

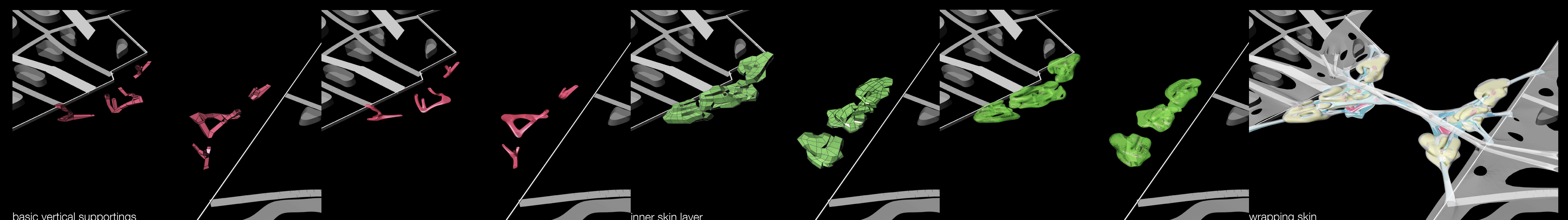
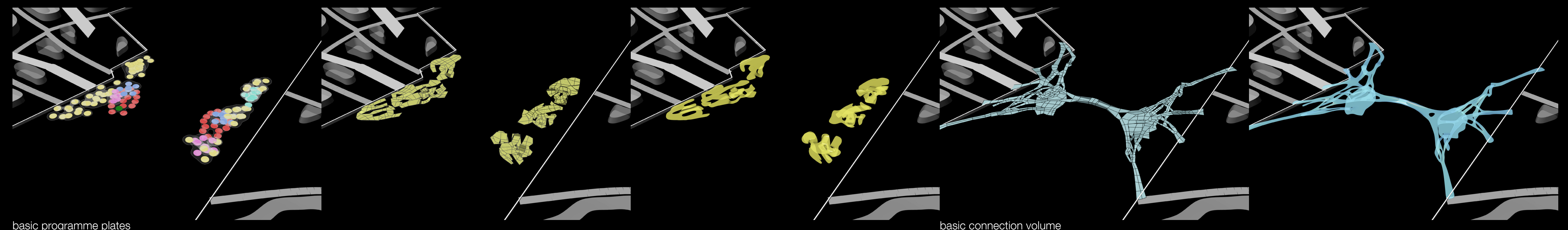
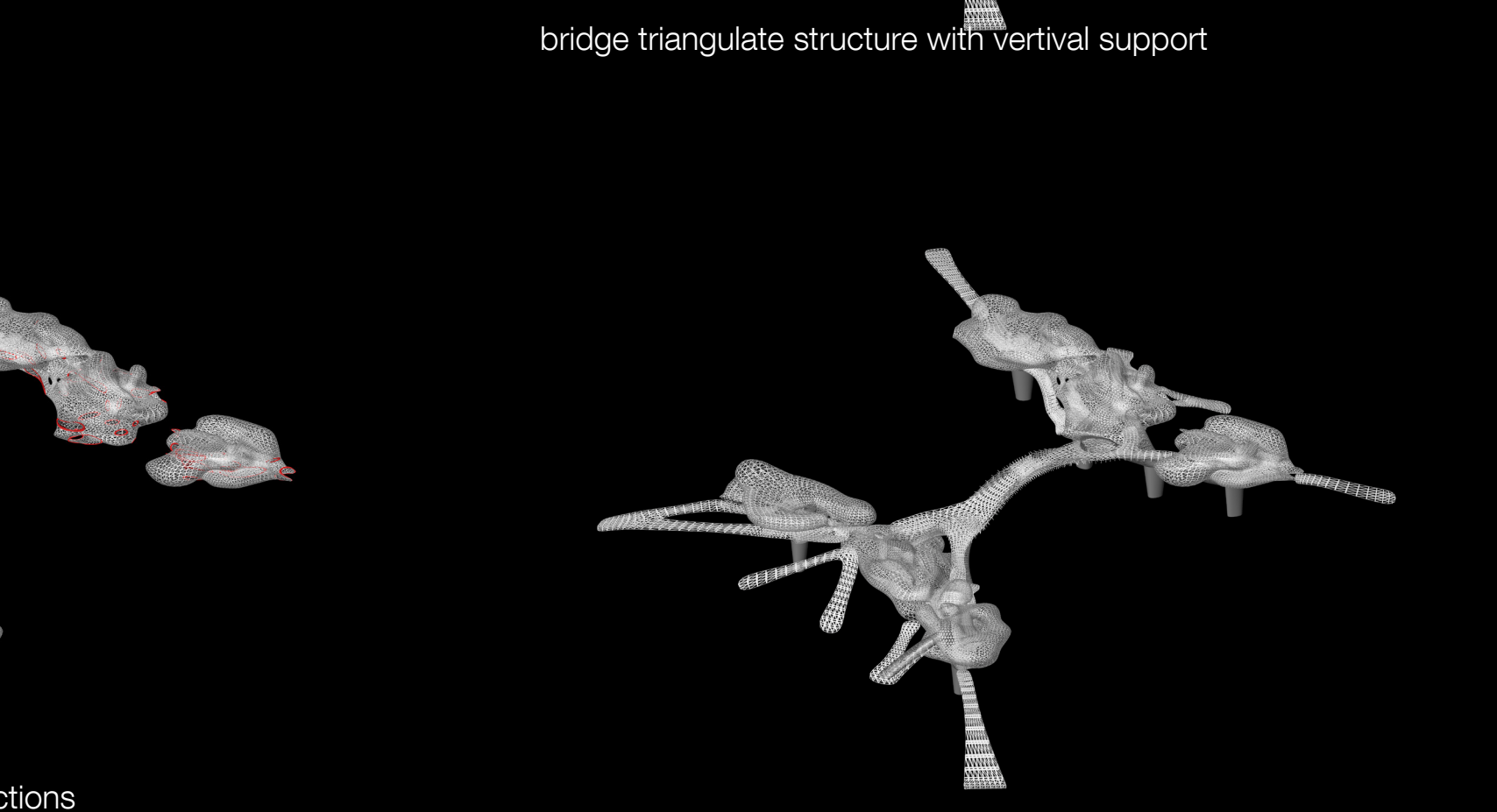
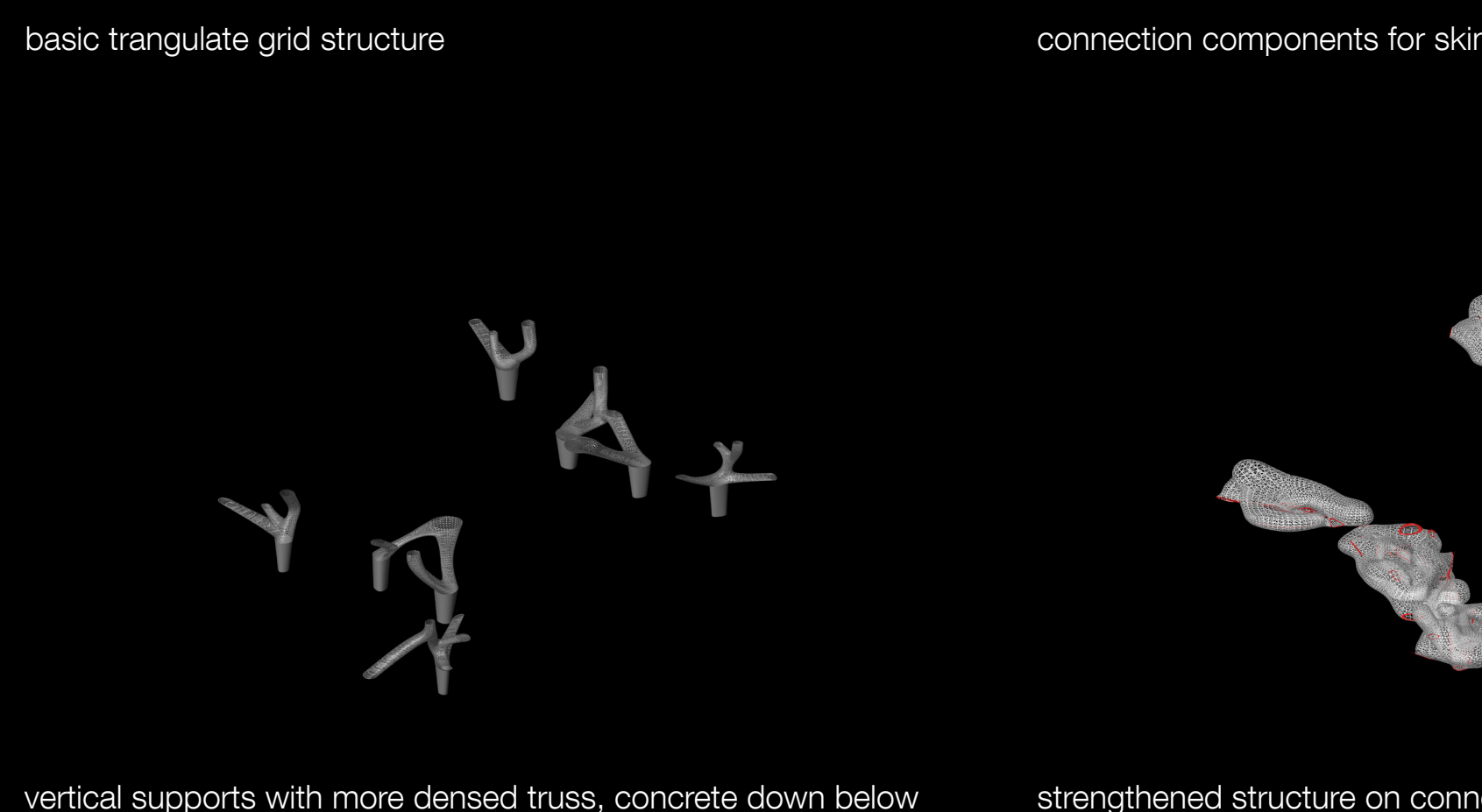
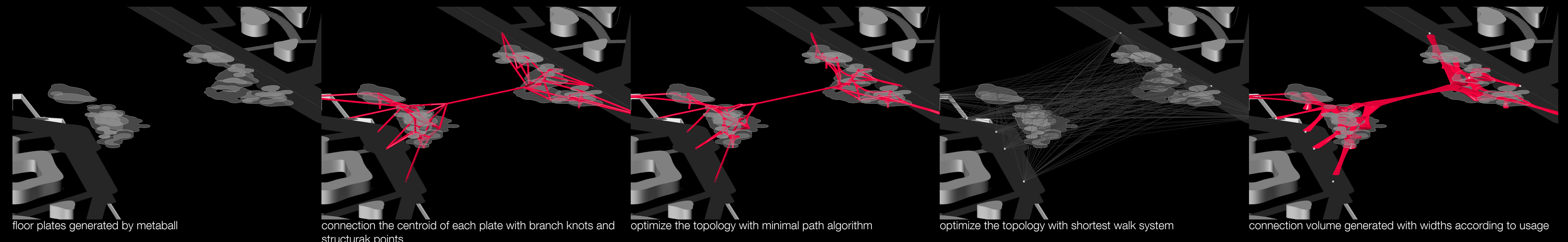
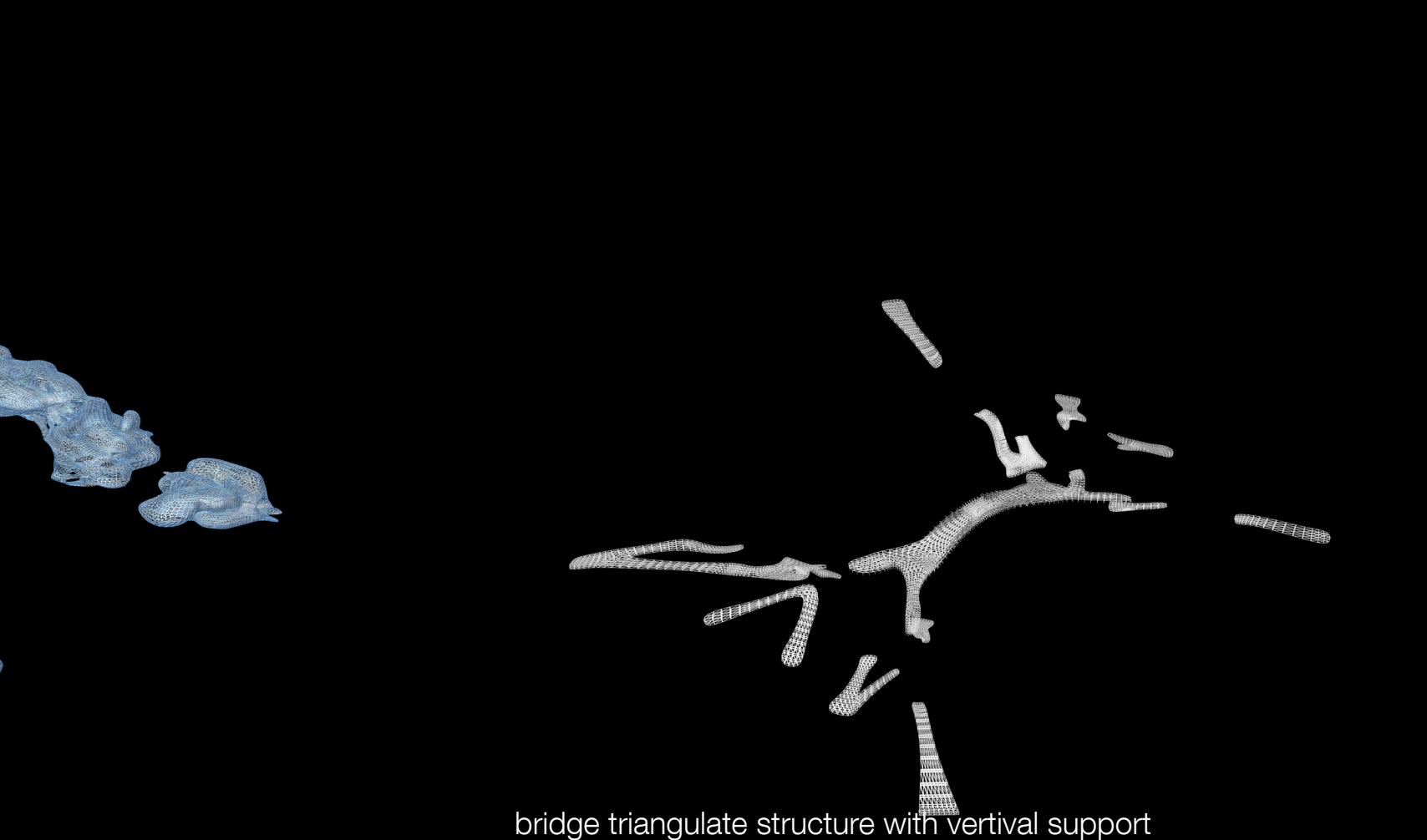
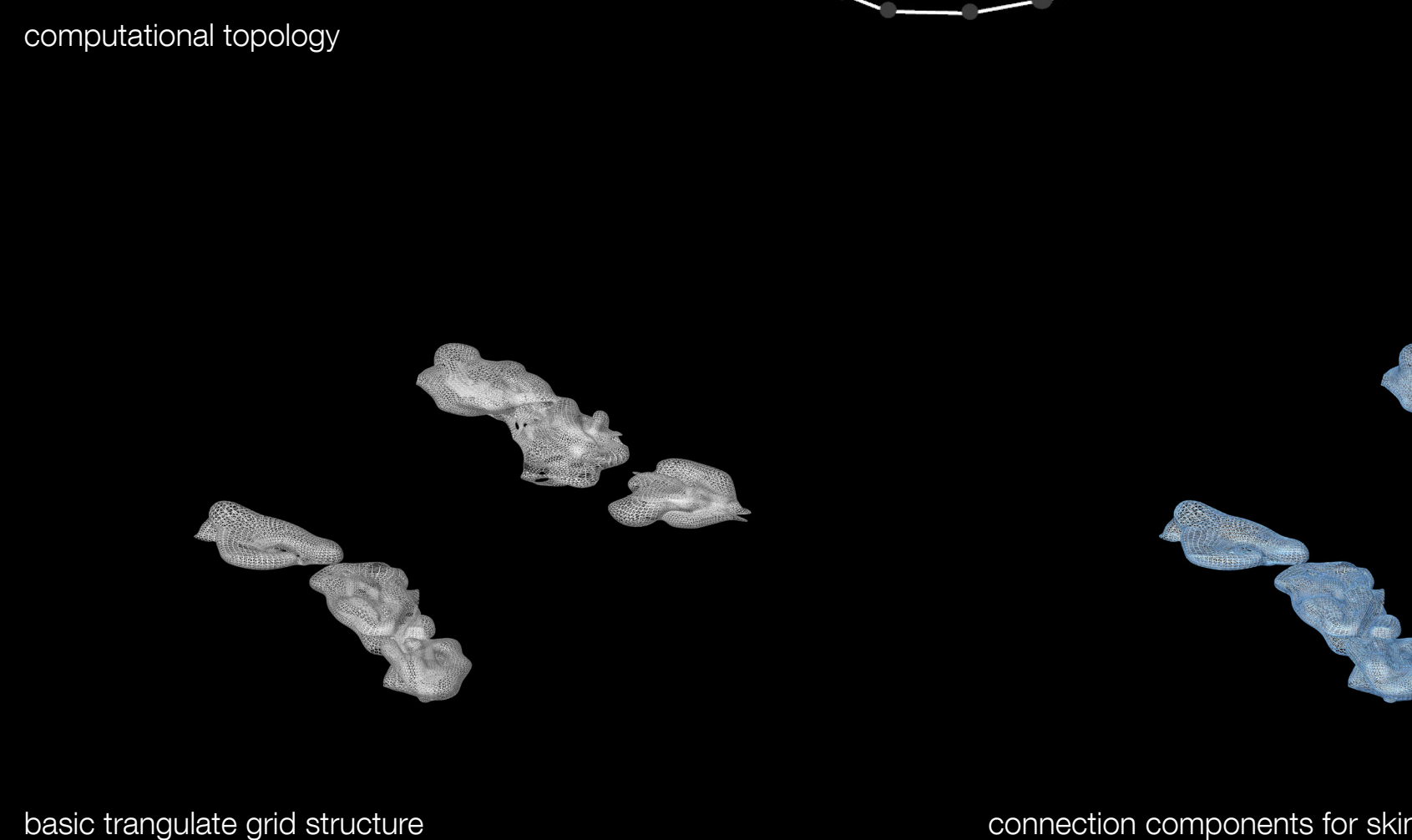
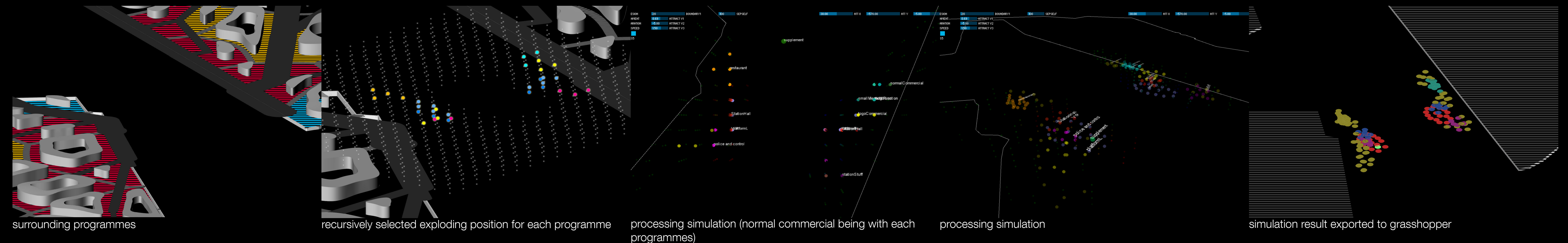
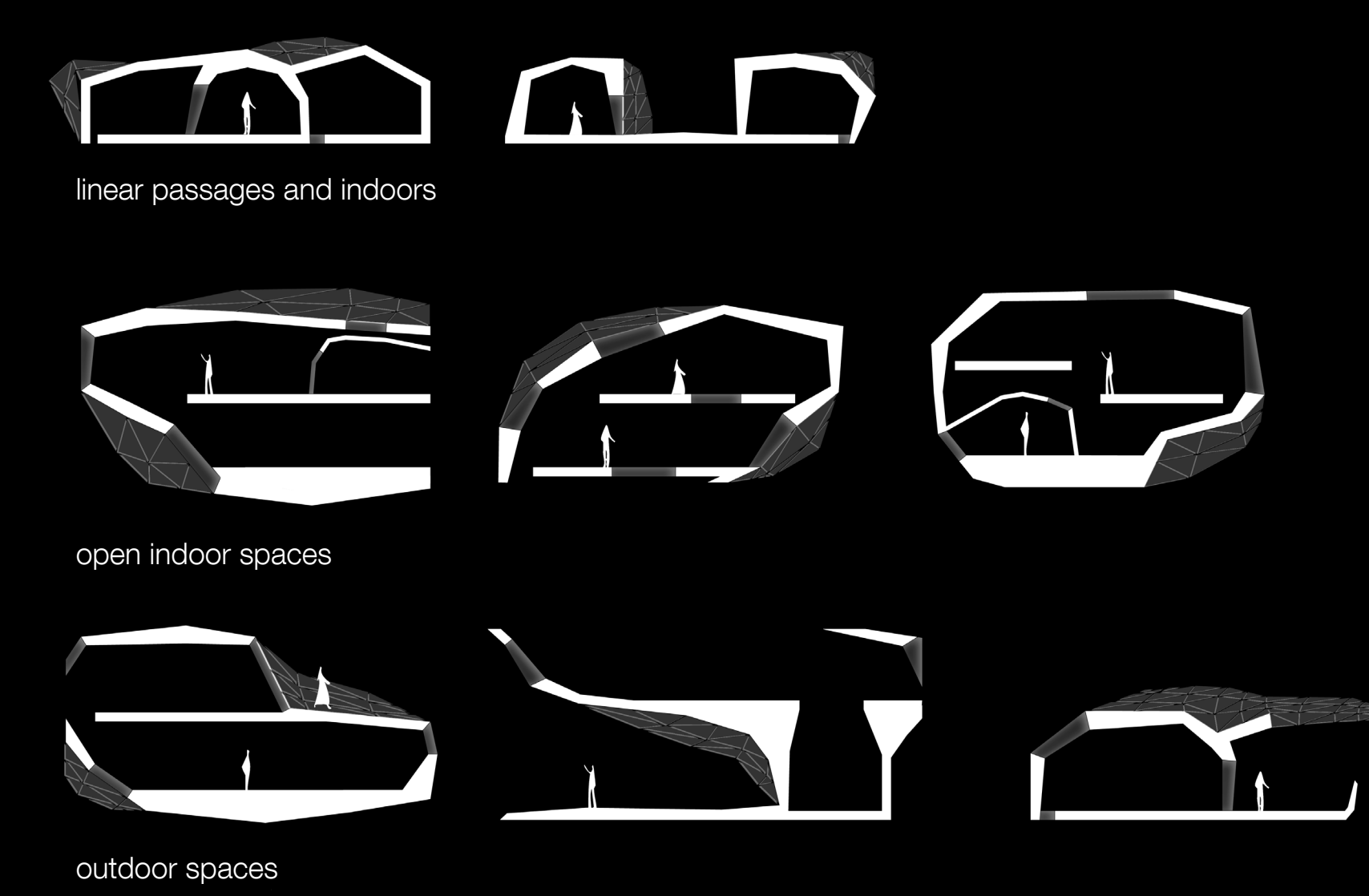
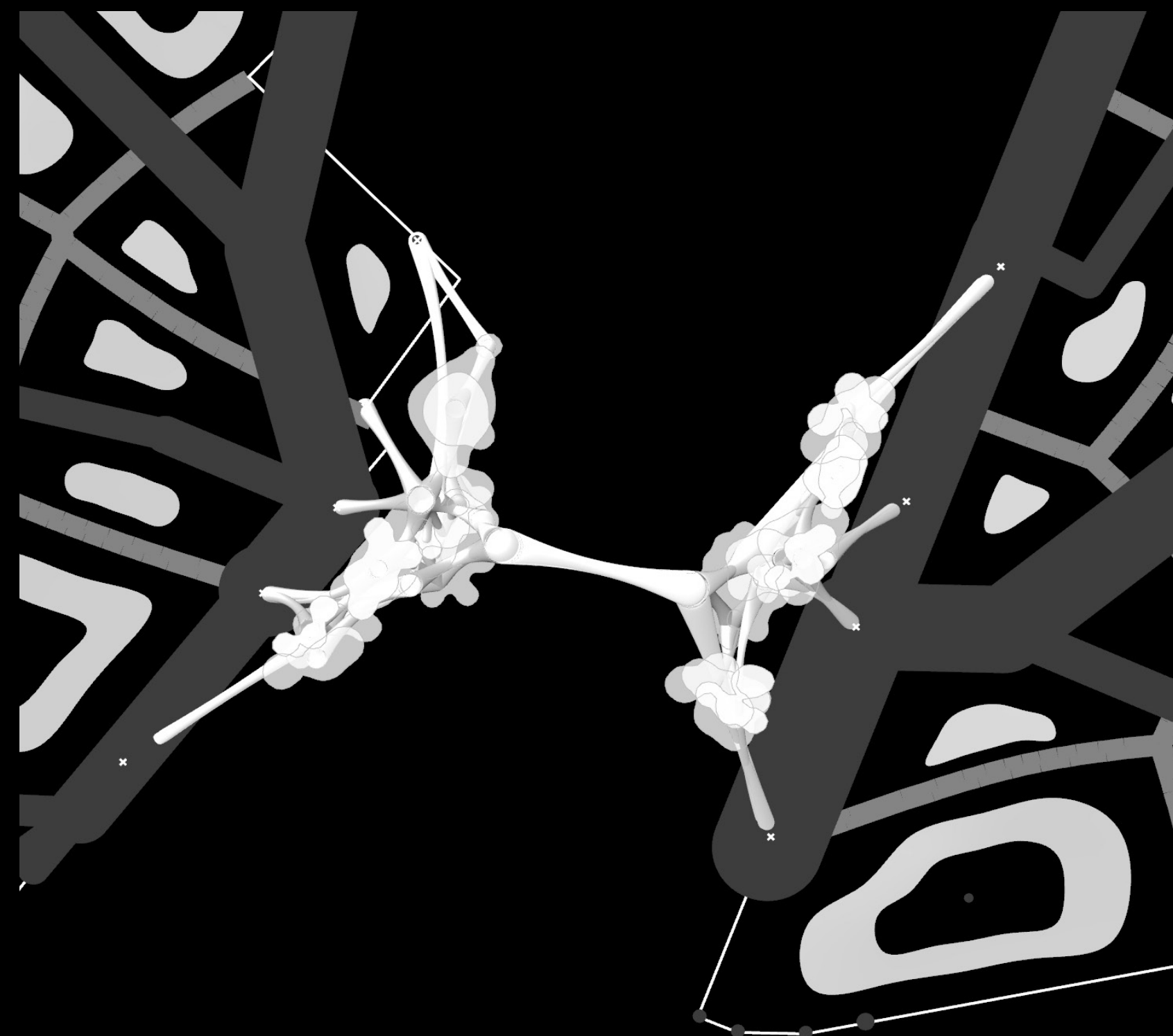
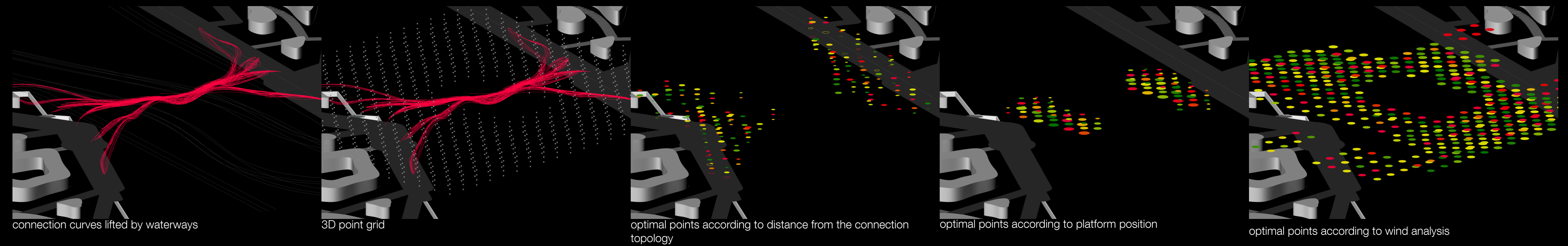
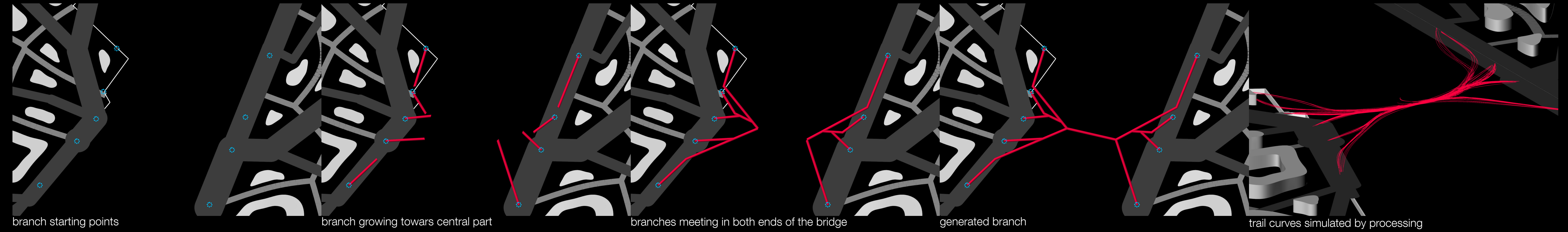
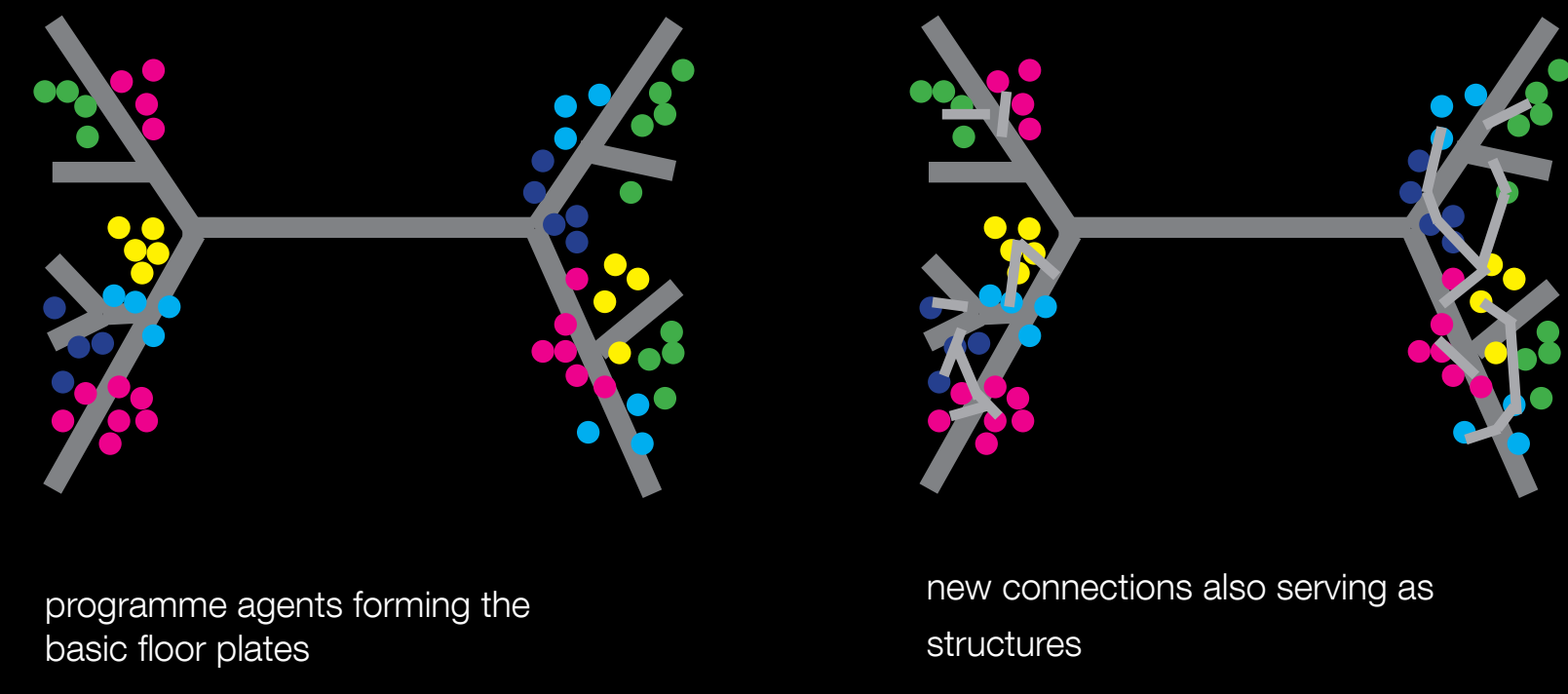
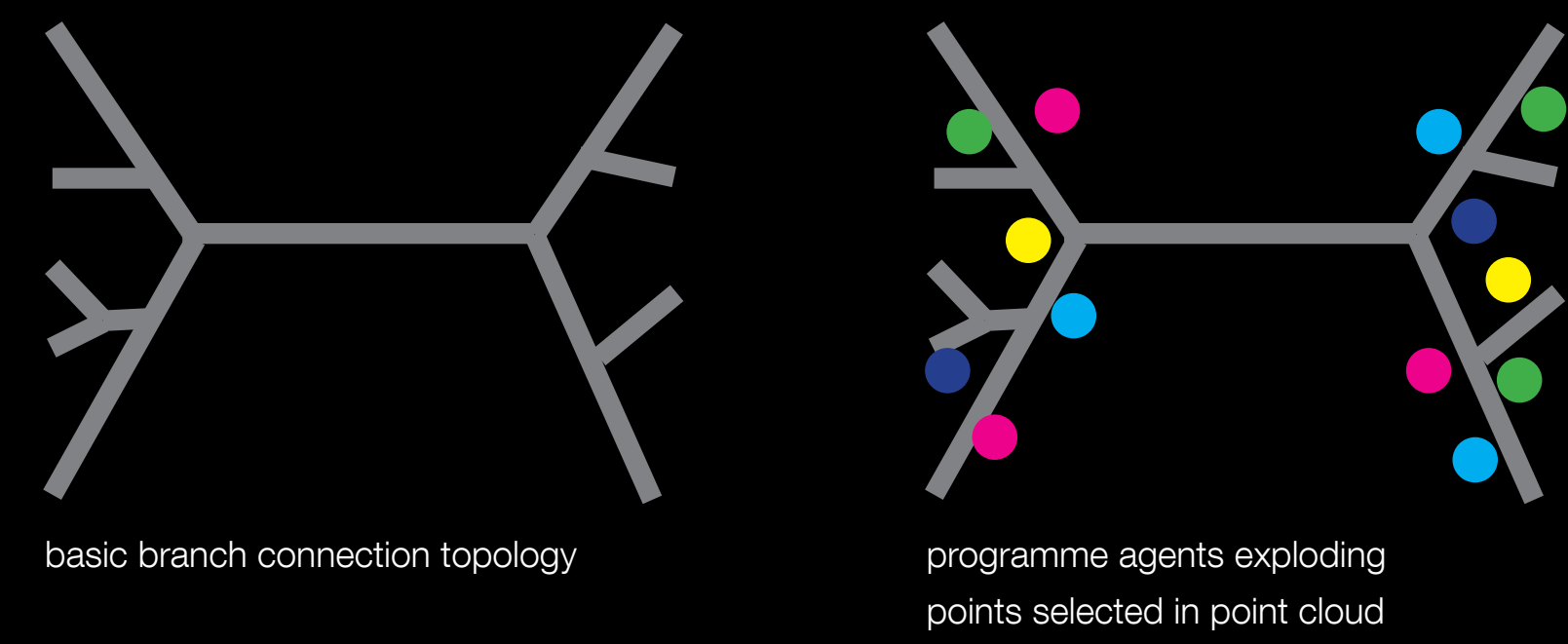
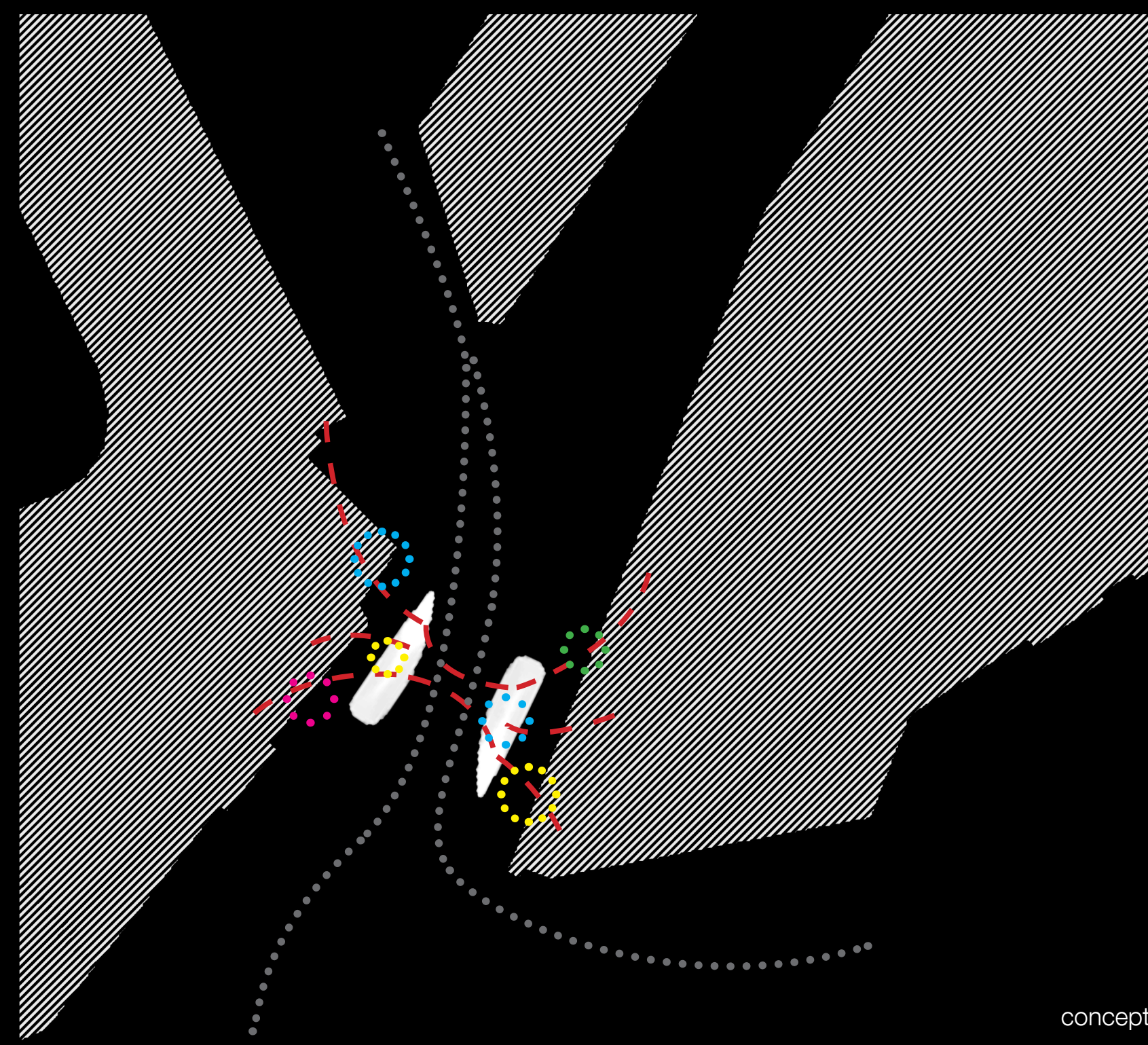
## MERWEHAVEN NEW FERRY STATION

HYPERBODY

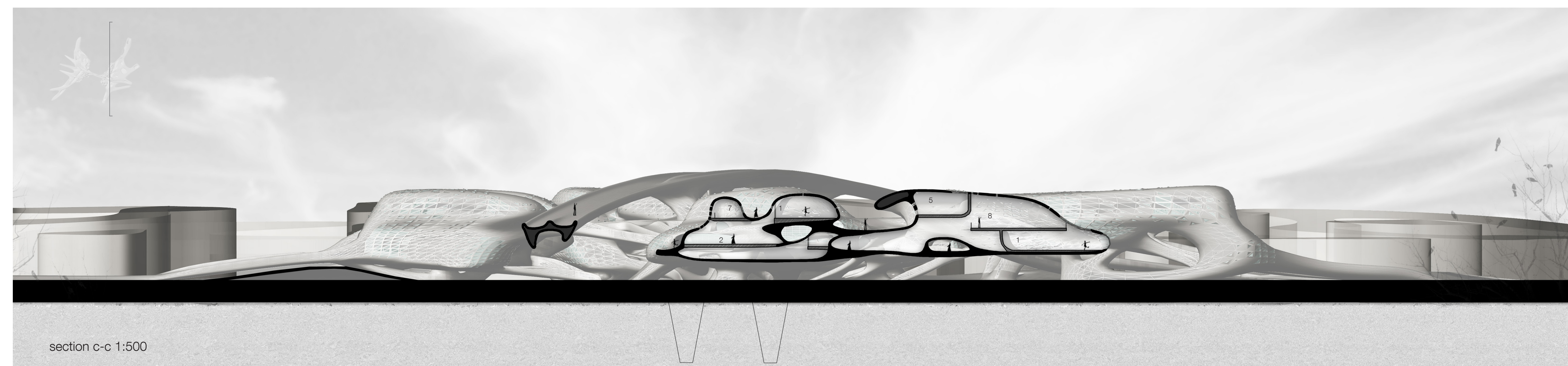
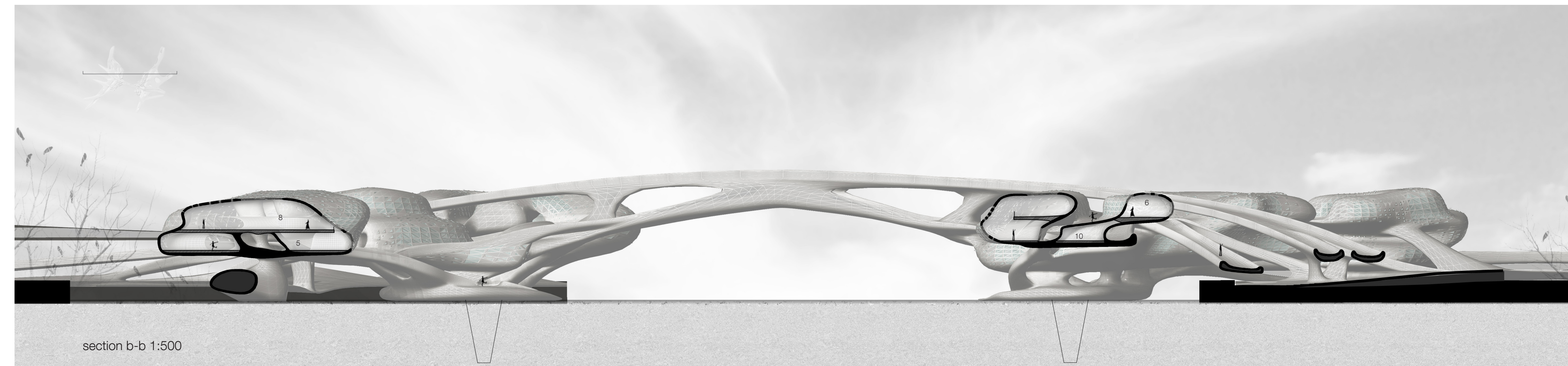
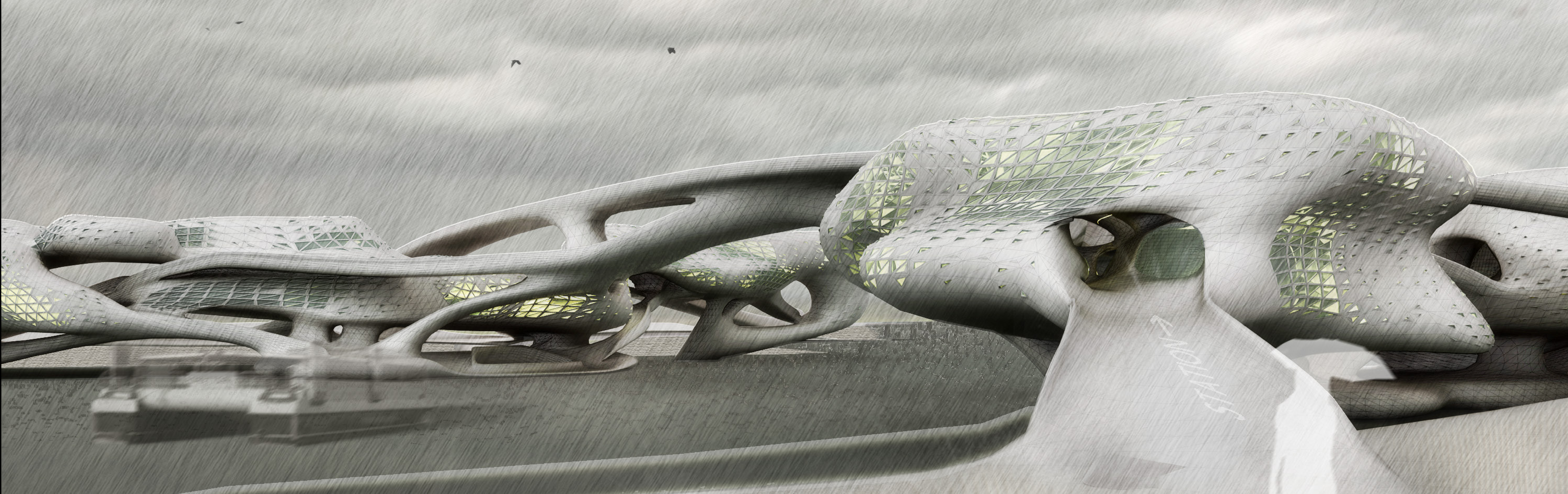
KEN CHEN 4223217  
TUTORS: HENRIETTE BIER, NIMISH BILORIA, KAREL VOLLERS



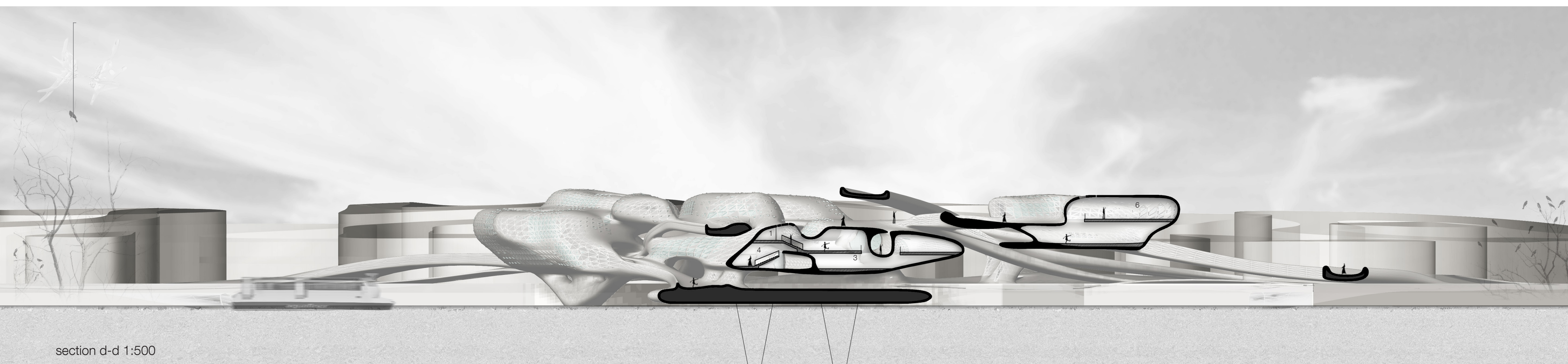
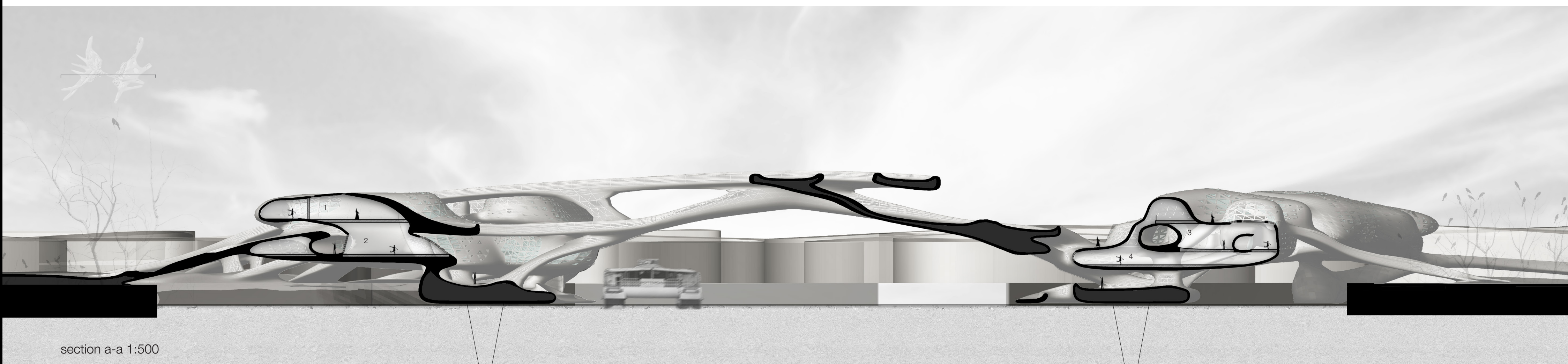
# GENERATION



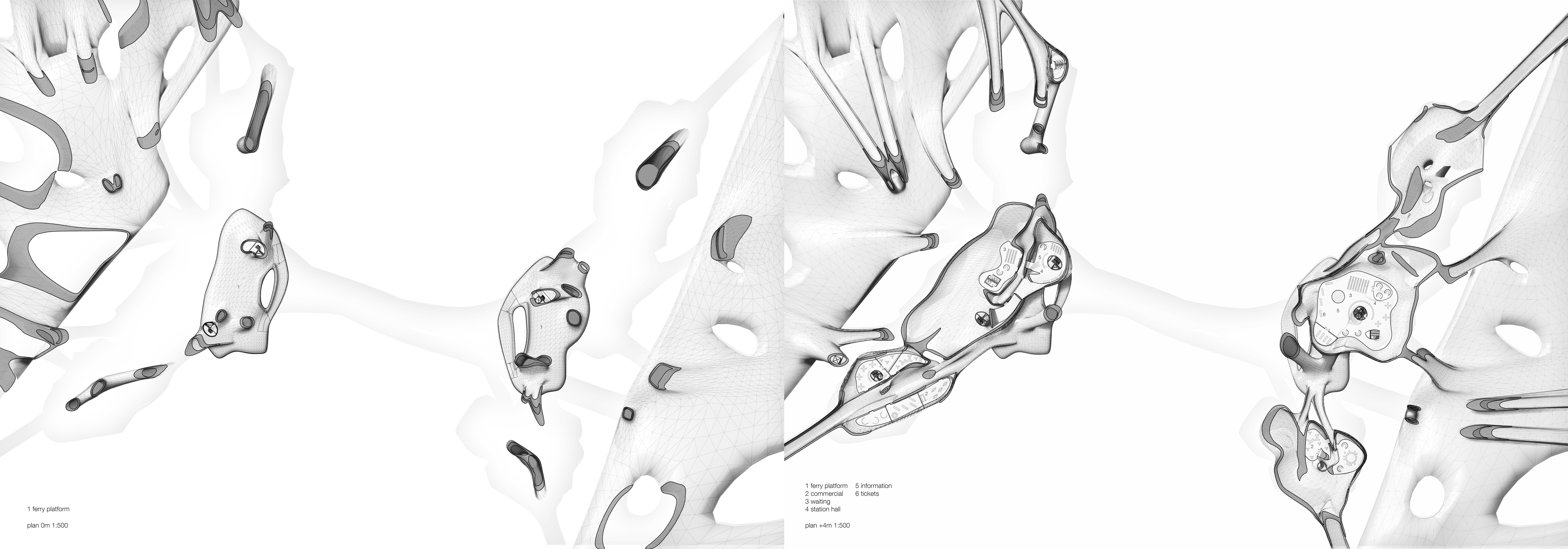




- 1 commercial
- 2 togo commercial
- 3 waiting
- 4 station hall
- 5 study room
- 6 restaurant
- 7 VIP
- 8 exhibition
- 9 control
- 10 kitchen

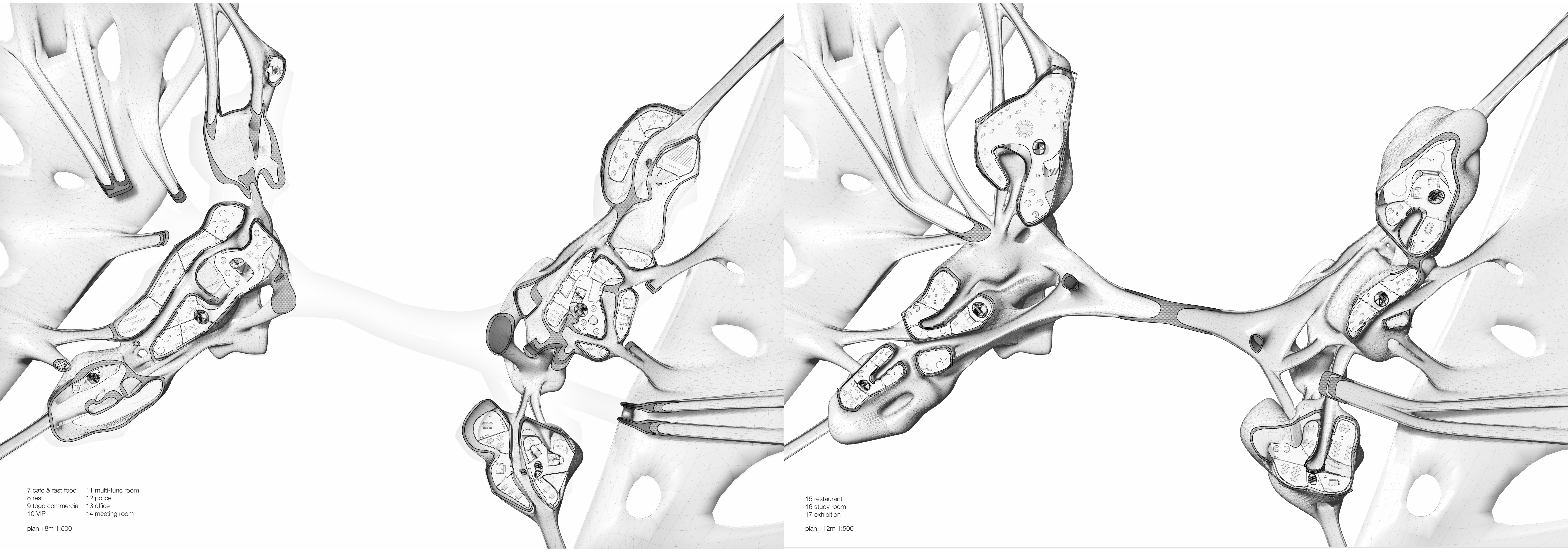






1 ferry platform  
plan 0m 1:500

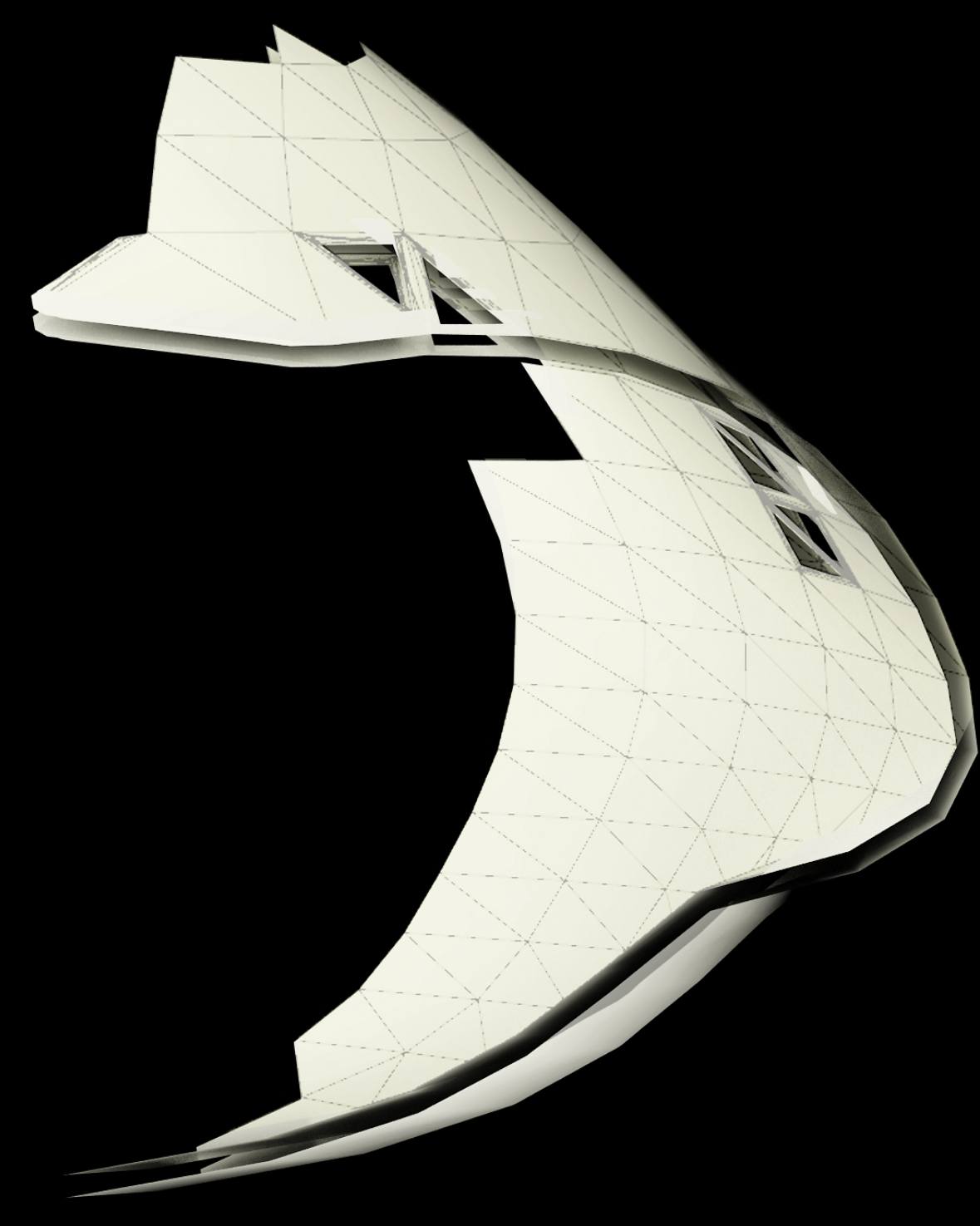
1 ferry platform 5 information  
2 commercial 6 tickets  
3 waiting 4 station hall  
plan +4m 1:500



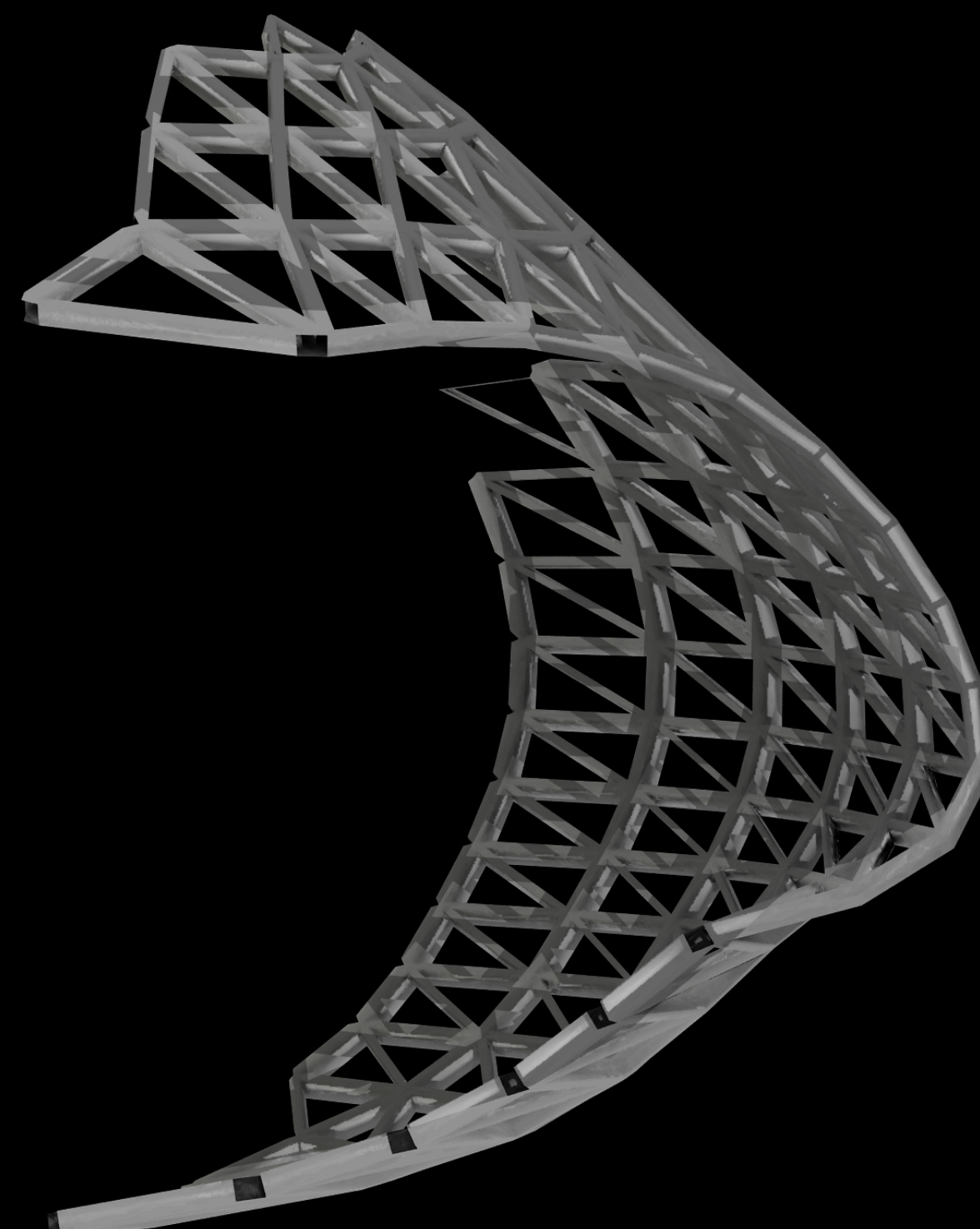
7 cafe & fast food 11 multi-func room  
8 rest 12 police  
9 togo commercial 13 office  
10 VIP 14 meeting room  
plan +8m 1:500

15 restaurant  
16 study room  
17 exhibition  
plan +12m 1:500

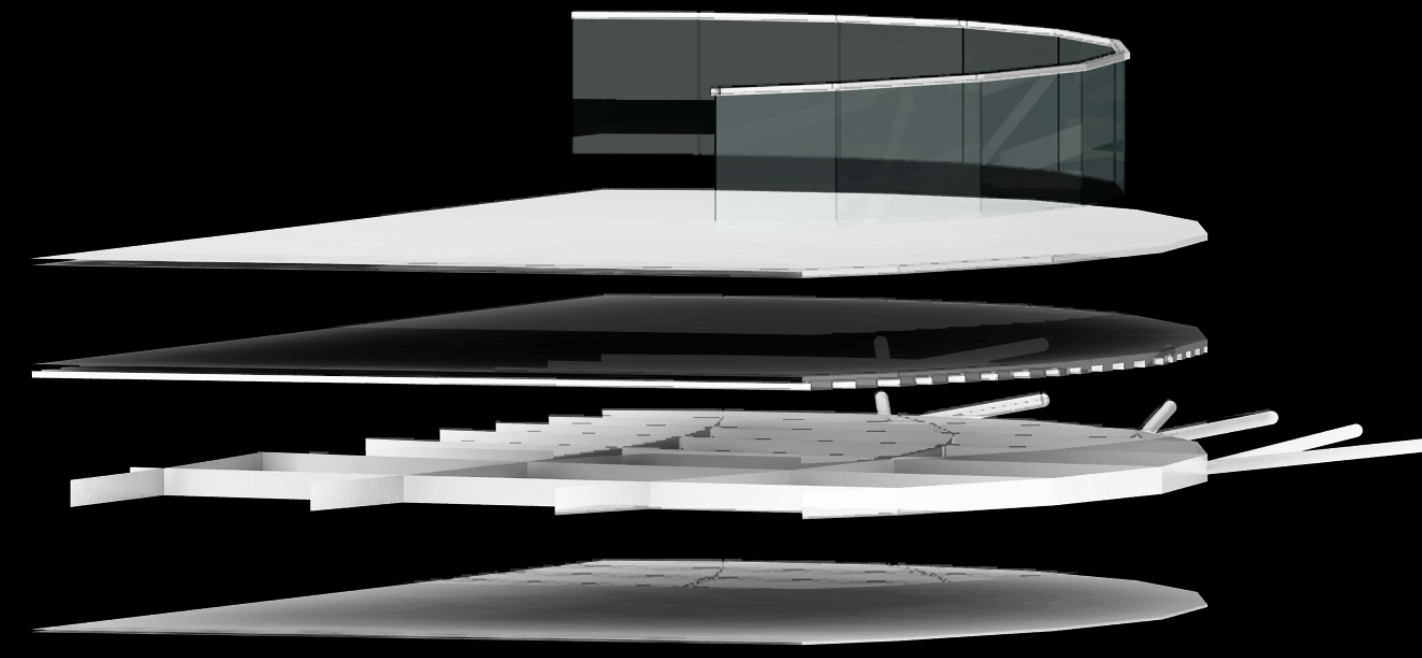




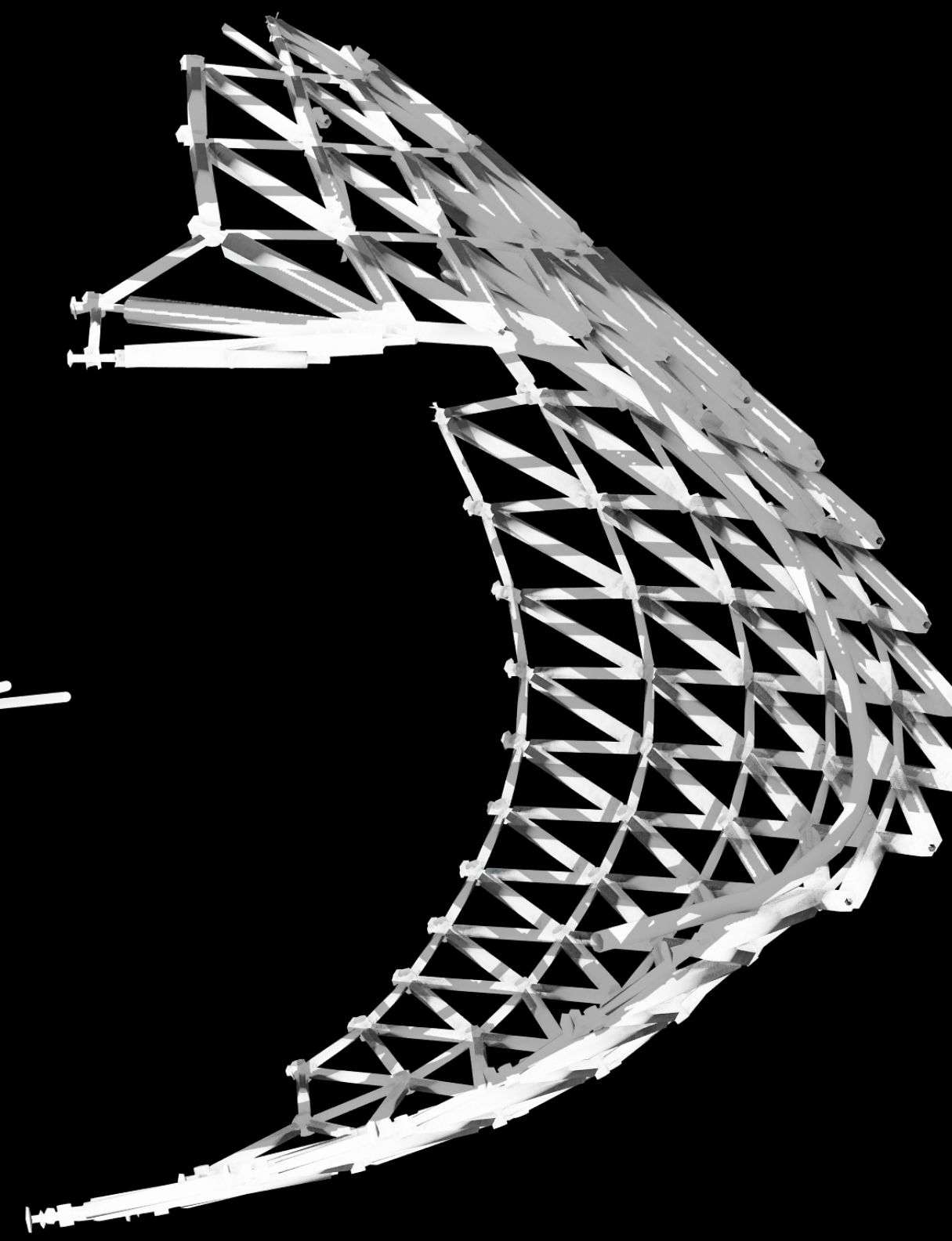
inner skin GRC panel



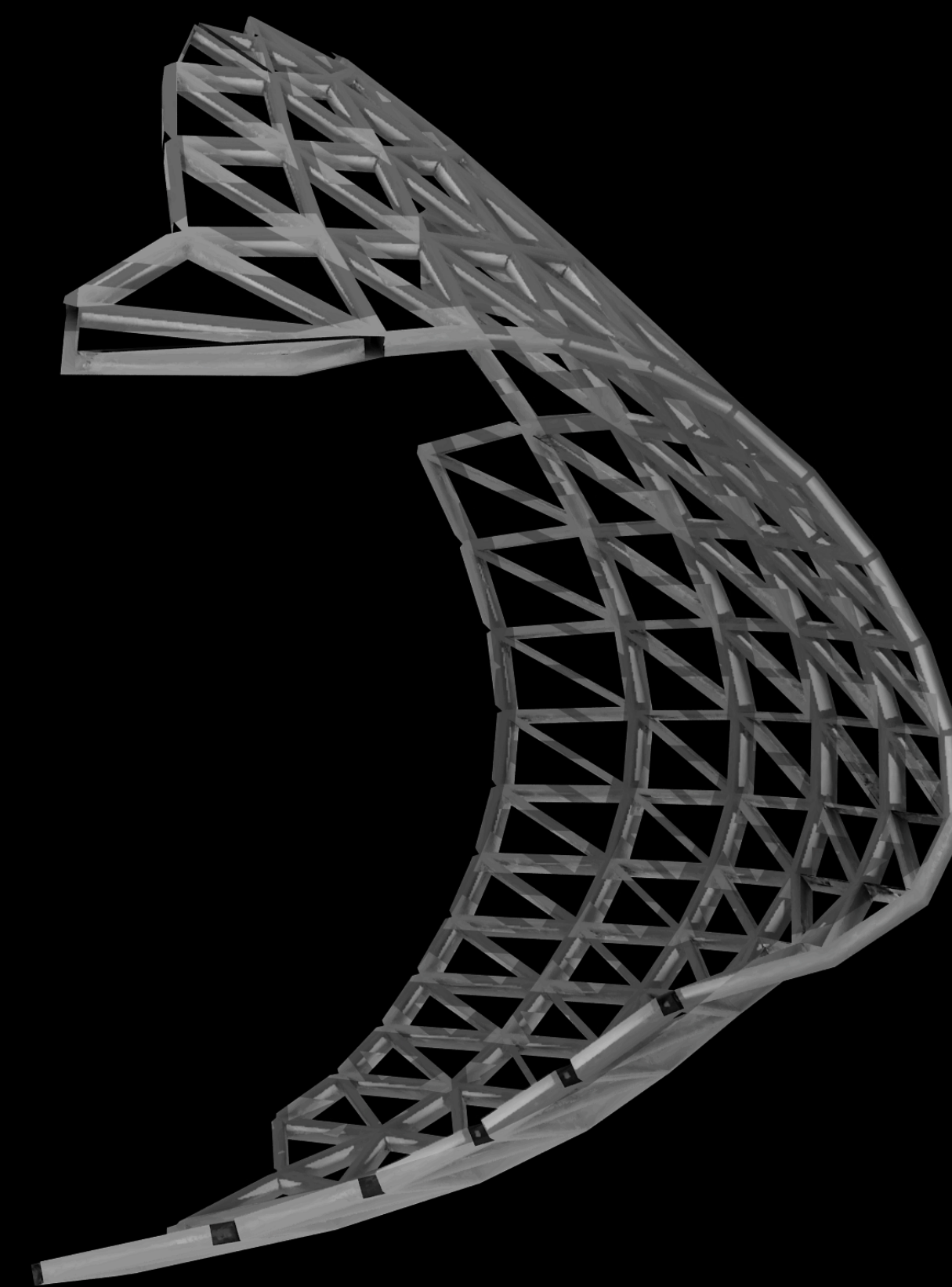
supporting steel frame



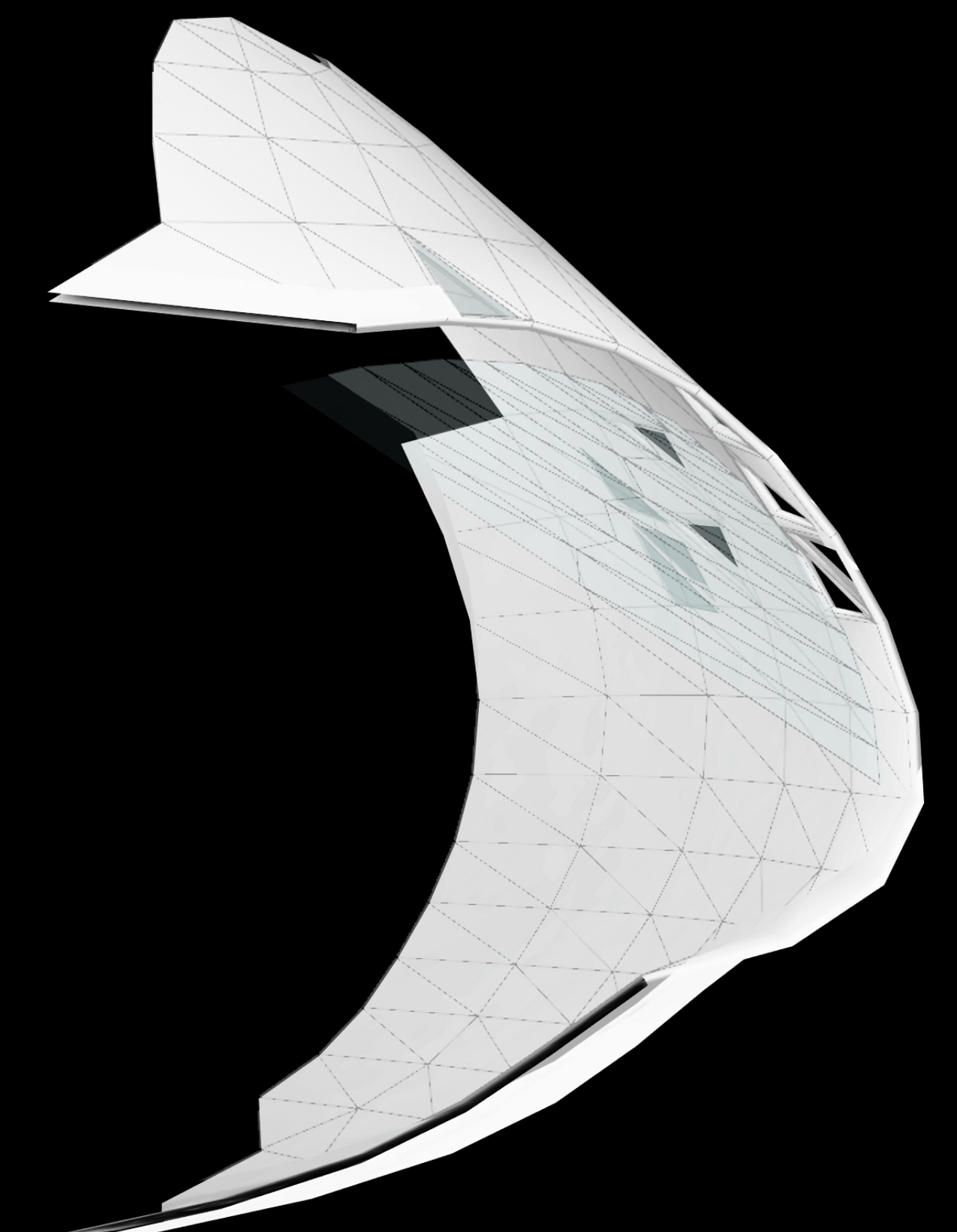
GRG floor panel  
concrete  
steel beam  
ceiling panel



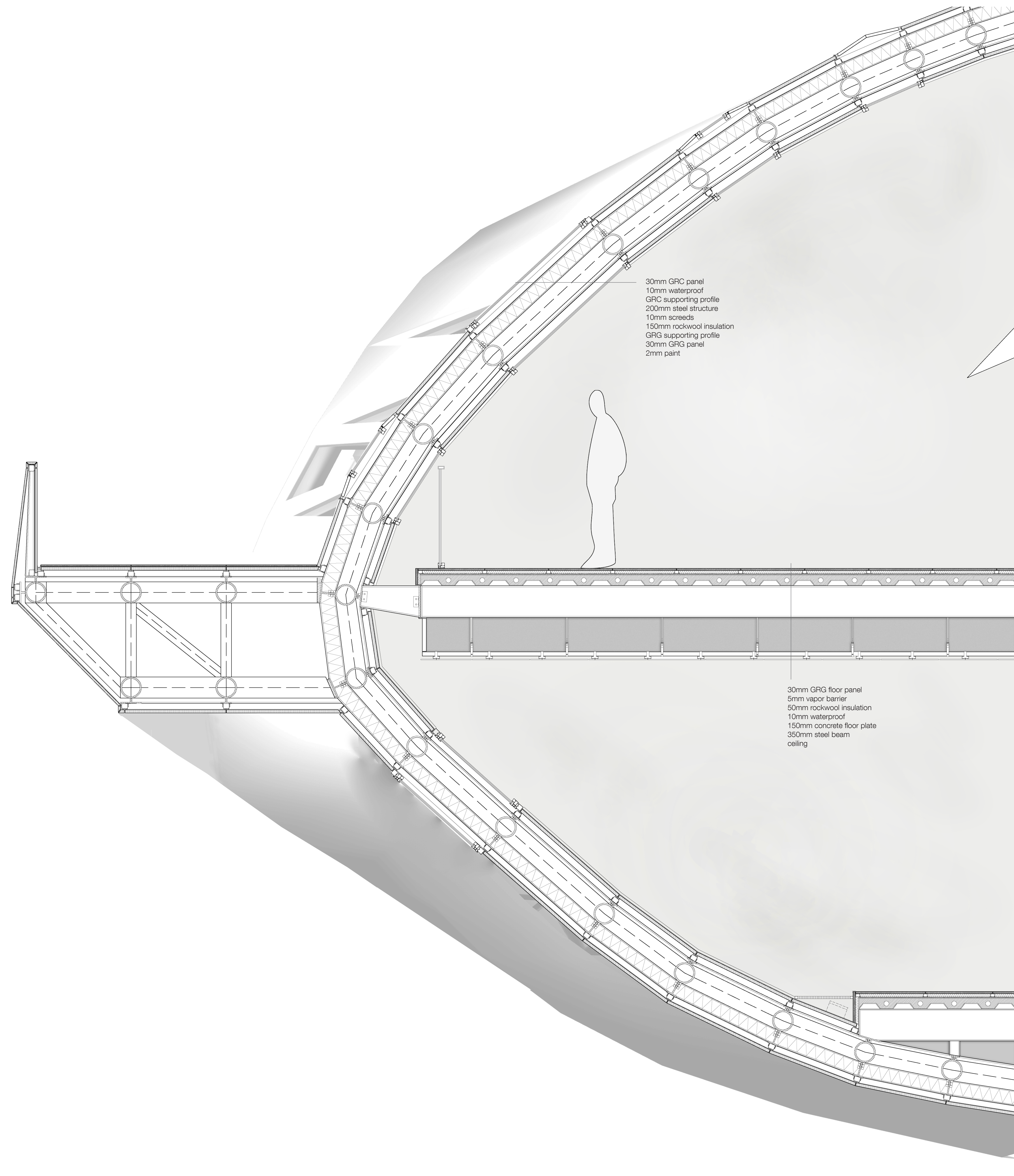
main structure



supporting steel frame

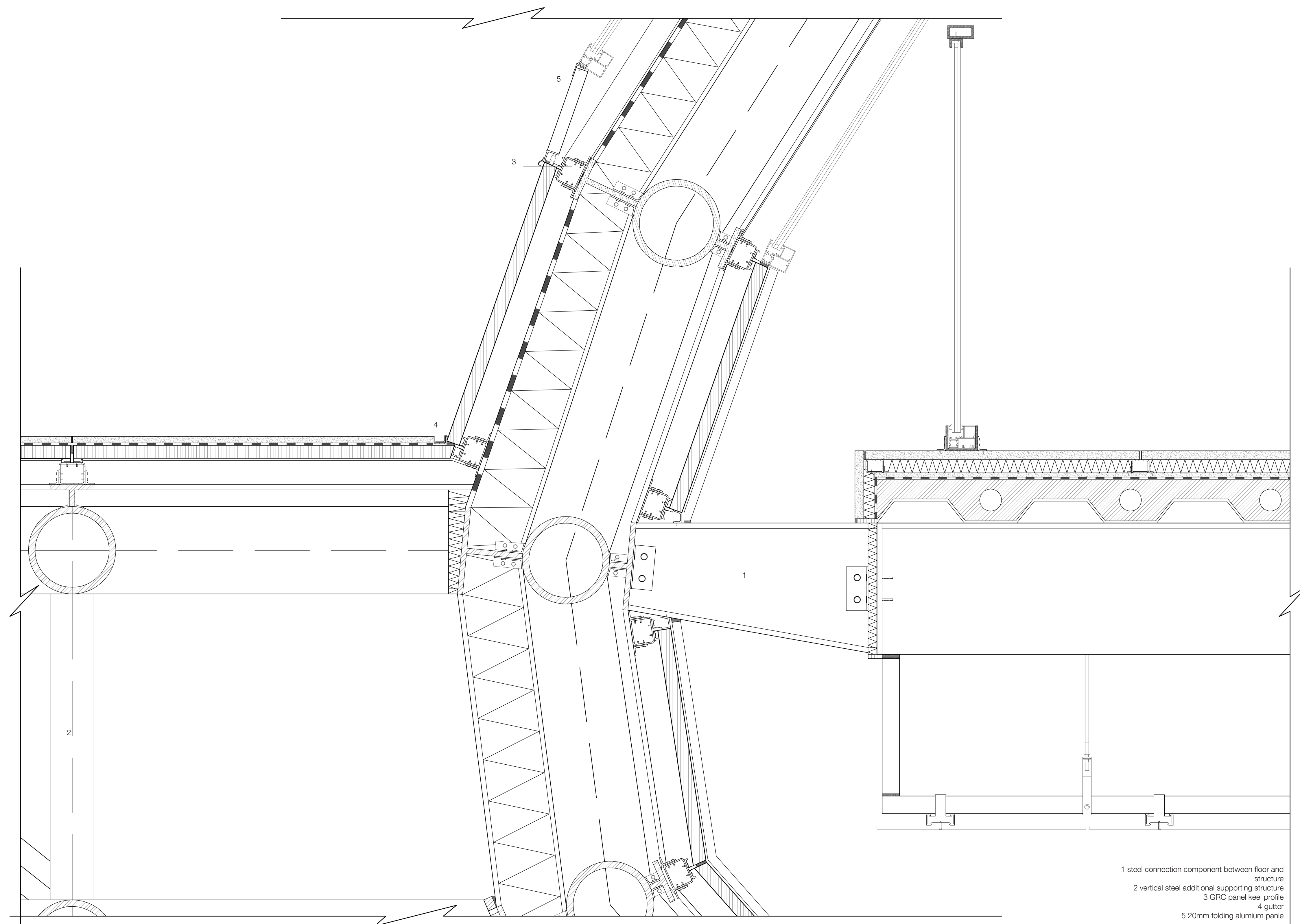


outer skin GRC panel



30mm GRC panel  
10mm waterproof  
GRC supporting profile  
200mm steel structure  
10mm screeds  
150mm rockwool insulation  
GRC supporting profile  
30mm GRC panel  
2mm paint

30mm GRC floor panel  
5mm vapor barrier  
50mm rockwool insulation  
10mm waterproof  
150mm concrete floor plate  
300mm steel beam  
ceiling



1 steel connection component between floor and structure  
2 vertical steel additional supporting structure  
3 GRC panel keel profile  
4 gutter  
5 20mm folding aluminum pane

