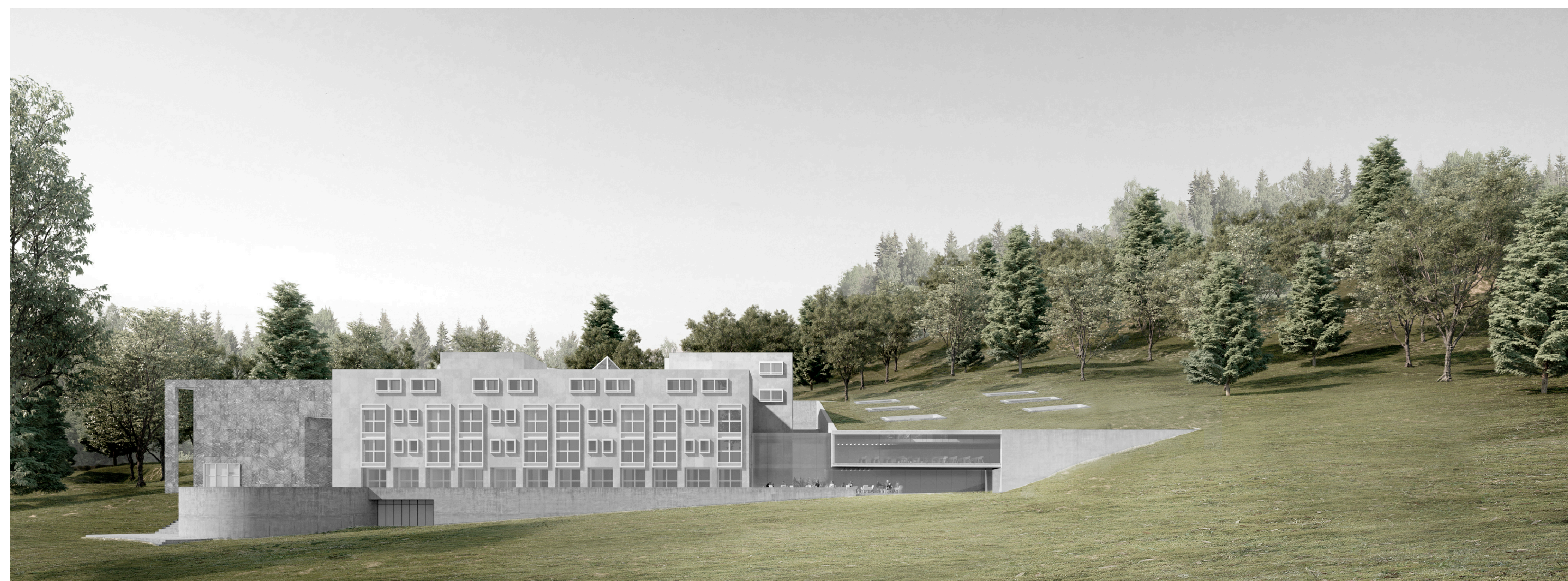
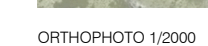
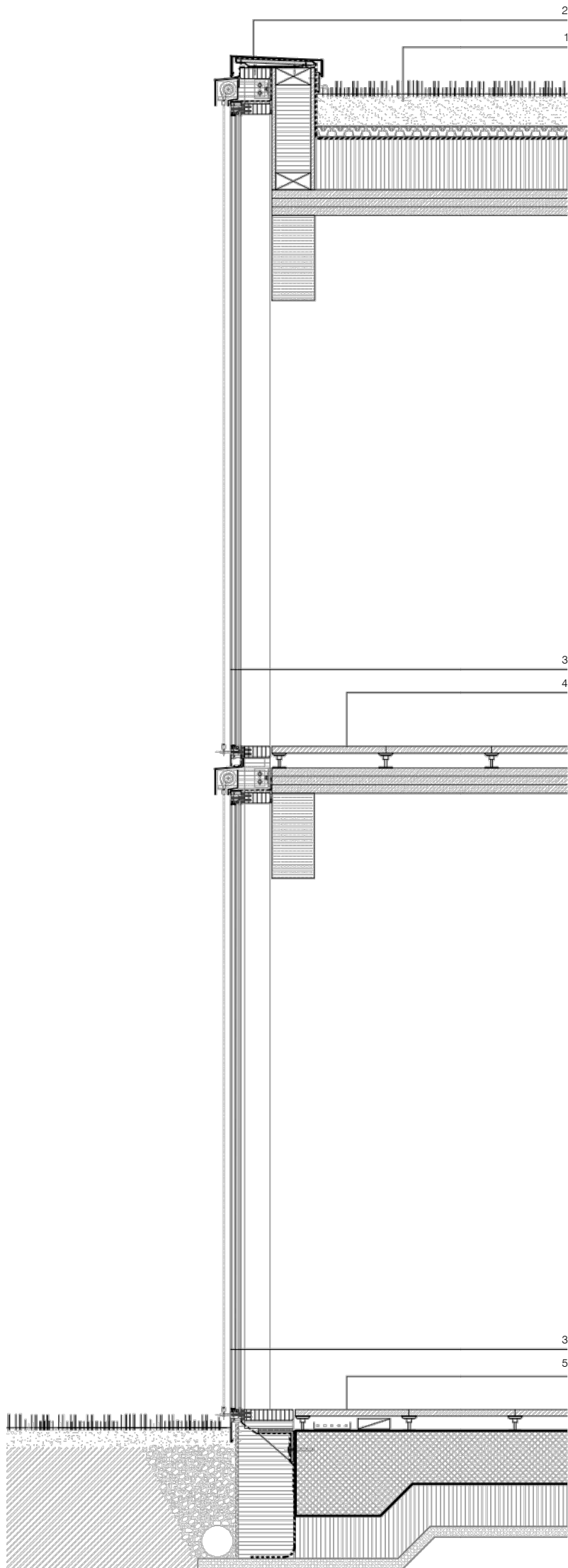
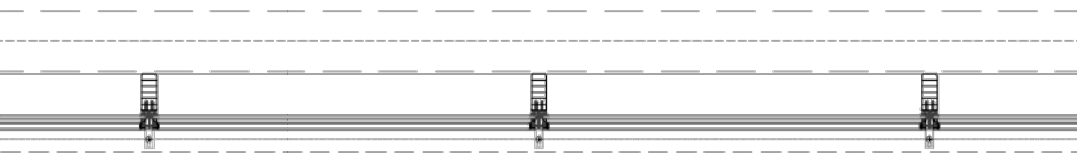
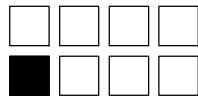
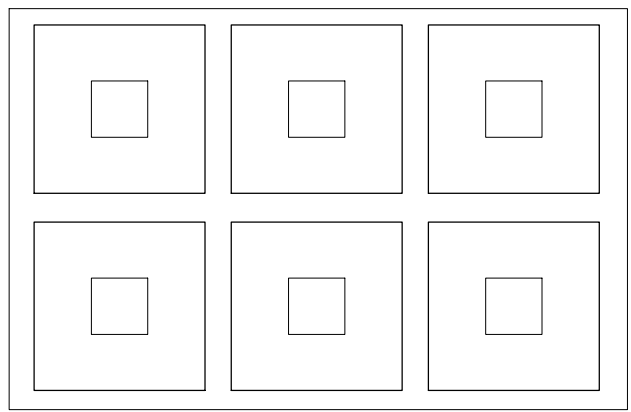
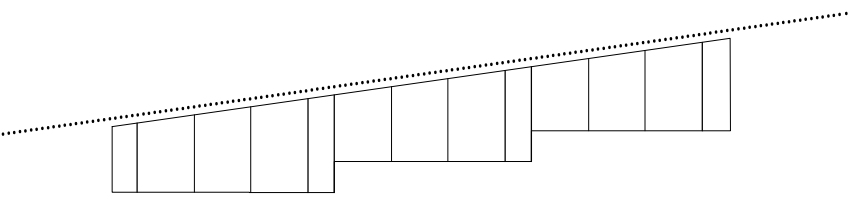
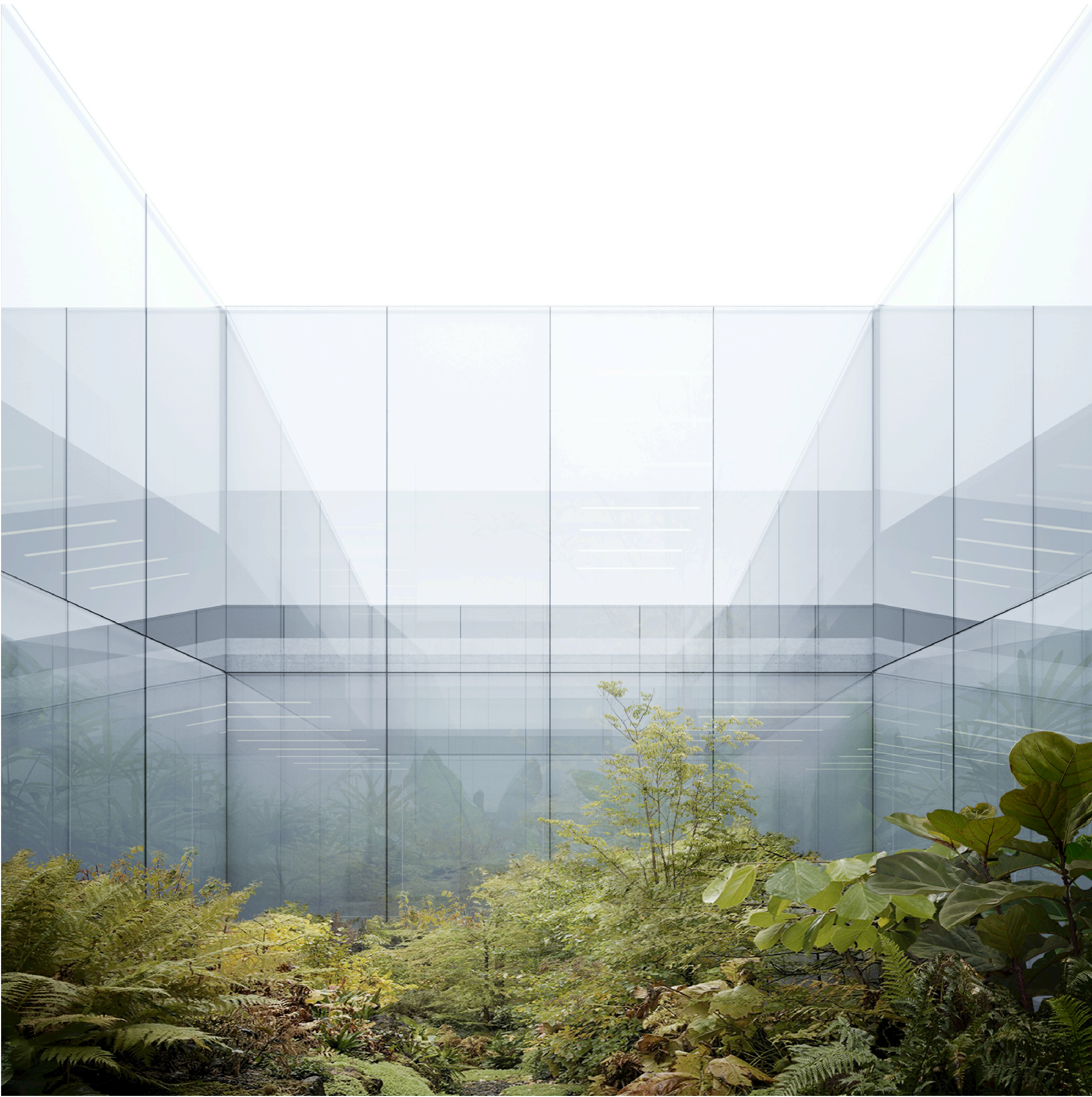
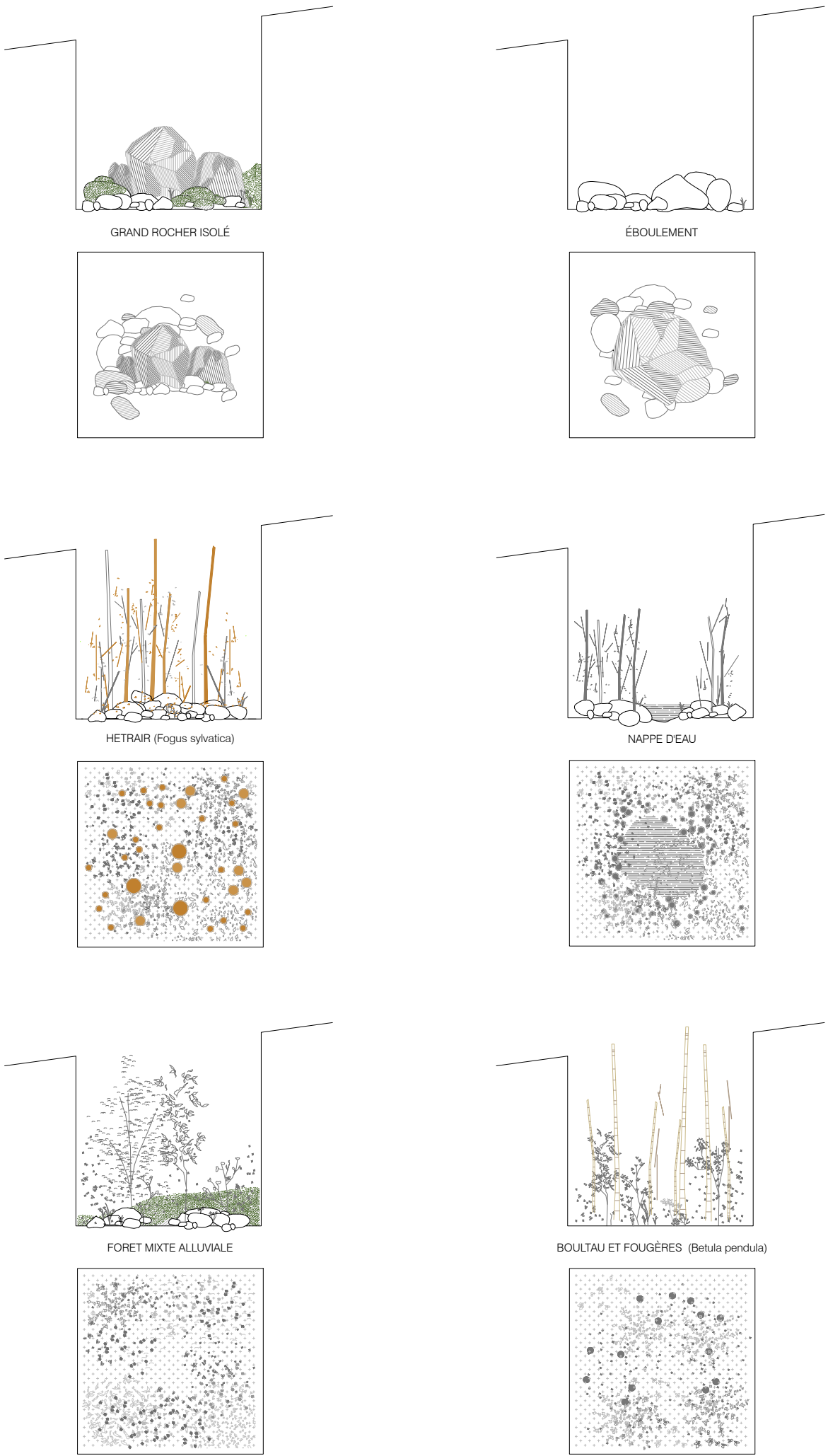


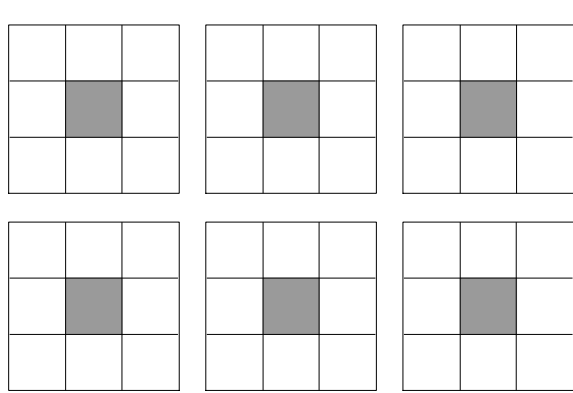
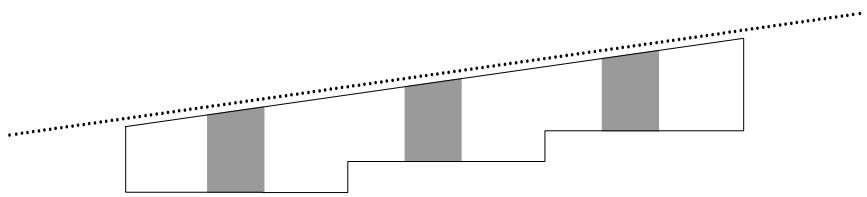




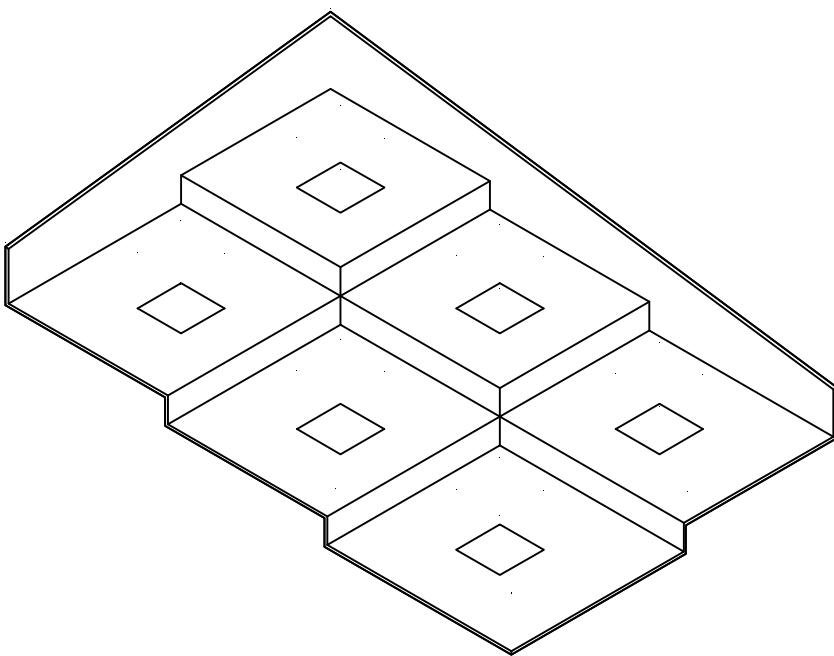
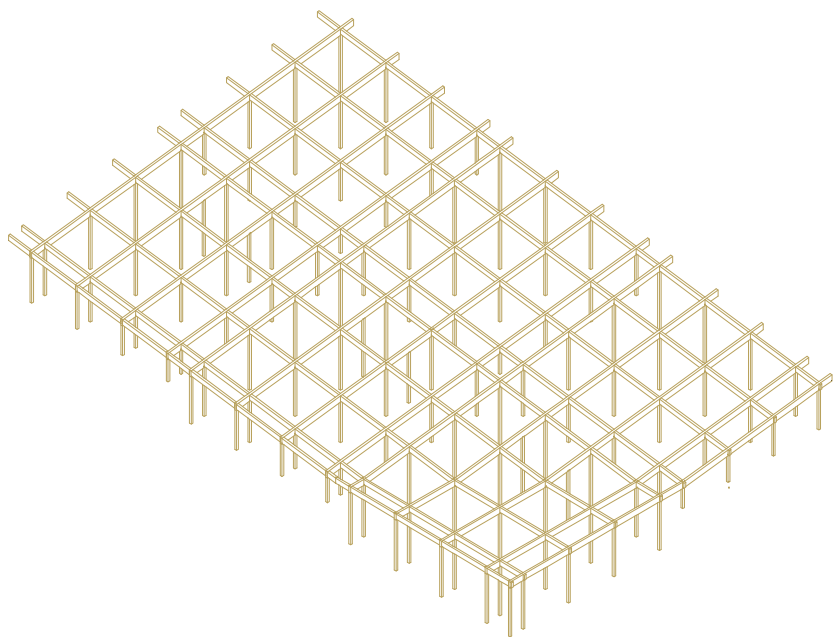
- Légende:
1. Toiture végétalisée:
Substrat toiture extensive, ép. 150mm.
Couche drainante, ép. 30mm.
Couche anti-racines + géotextil.
Éclanchéité soudable avec deux couches en bitume modifié polymère élastomère SBS, ép. 5-5mm.
Isolation en laine de roche, A s0.032 Wm/K, ép. 240mm.
Couche pare-vapeur.
Structure porteuse avec panneaux cinq pils, ép. 120mm, sur poutres en bois d'épicéa lamellé-collé.
2. Couverture:
Couverture métallique en tôle plée en aluminium thermolaqué, ép. 3 mm.
Sous-construction en acier zingué, panneau hydrofuge, ép. 30mm.
Renfort débranché bitumineux.
3. Mur rideau:
Mur rideau avec système en applique sur poteaux et traverses en bois lamellé-collé de mélèze, sections 120x50mm. Pour l'éclairage des vitrages et l'éclanchéité du système, joint en silicone sur profilé en aluminium, ép. 20mm.
Triple vitrage, ép. 48mm, vitrages extra-claires, basse émissivité.
U_g et U_w 0.7 Wm²/K. Valeur g<50%.
Protection solaire extérieure avec store vertical en toile.
Isolation avec panneaux en laine de roche, A s0.032 Wm/K, ép. 160 mm.
4. Plancher:
Faux plancher composé par éléments perforés, ép. 30mm sur vitres rigides. Vide isolatoire 70mm.
Structure porteuse avec panneaux cinq pils, ép. 120mm, sur poutres en bois d'épicéa lamellé-collé.
5. Plancher au contact du sol:
Faux plancher composé par éléments perforés, ép. 30mm sur vitres rigides. Vide isolatoire 70mm.
Dalles en béton, ép. 250 mm.
Couche pare-vapeur.
Panneaux d'isolation thermique en polystyrène extrudé (PSE), ép. 200 mm, A s0.036 Wm/K.
Béton maigre, ép. 50 mm.
sol de fondation.



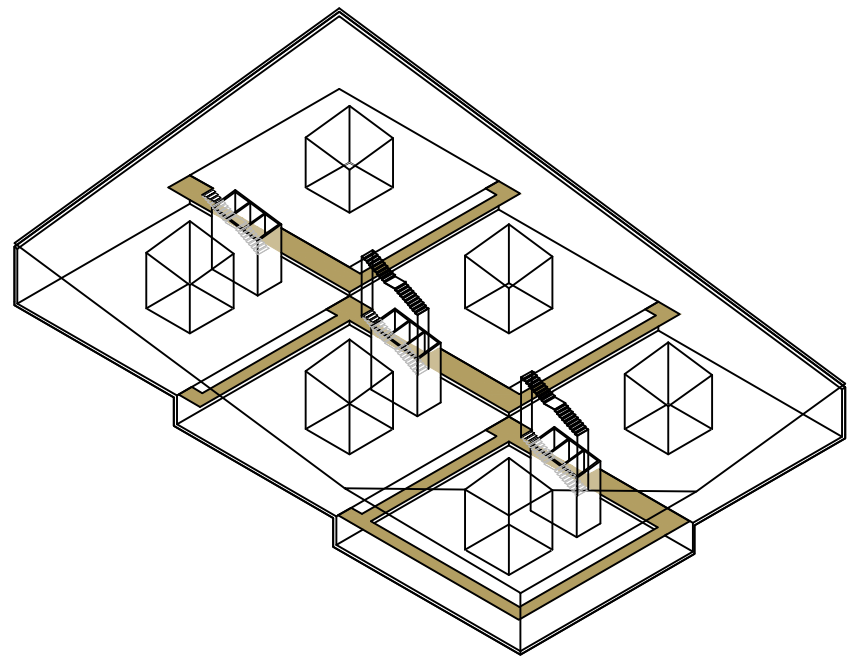
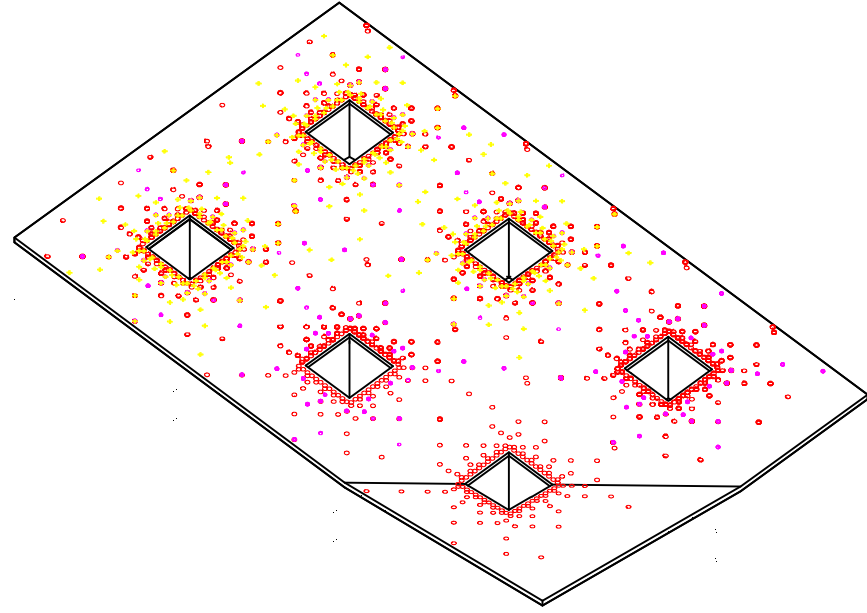
SYSTÈME



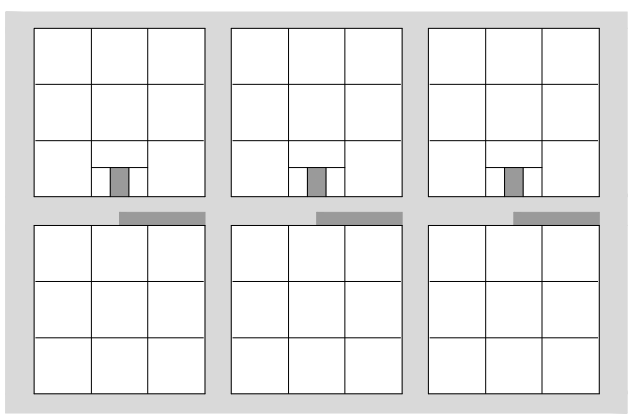
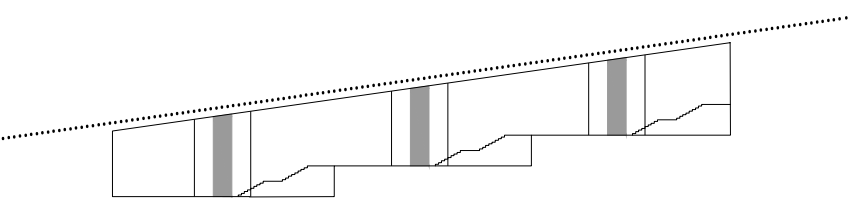
LUMIÈRE



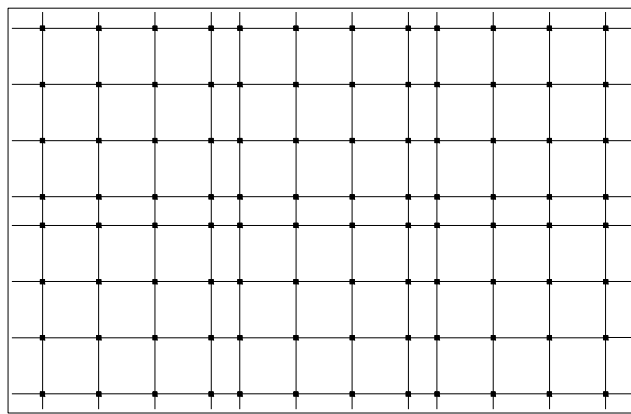
STRUCTURE



CIRCULATION

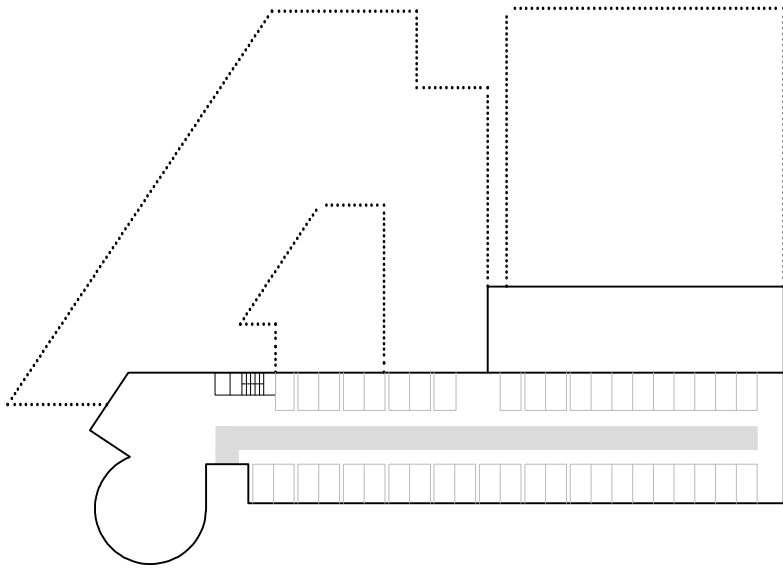
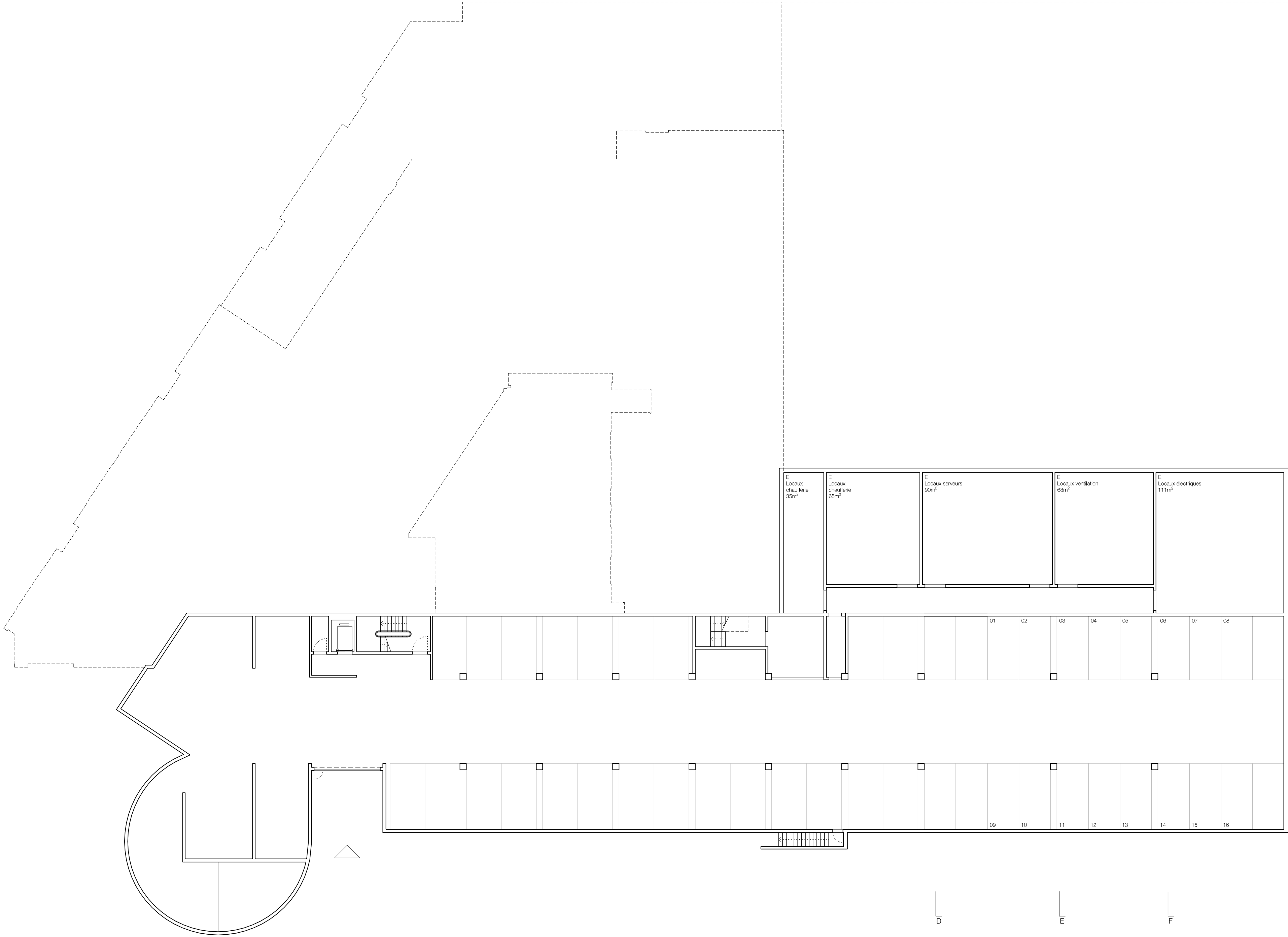
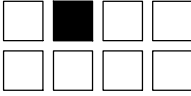


DISTRIBUTION



STRUCTURE

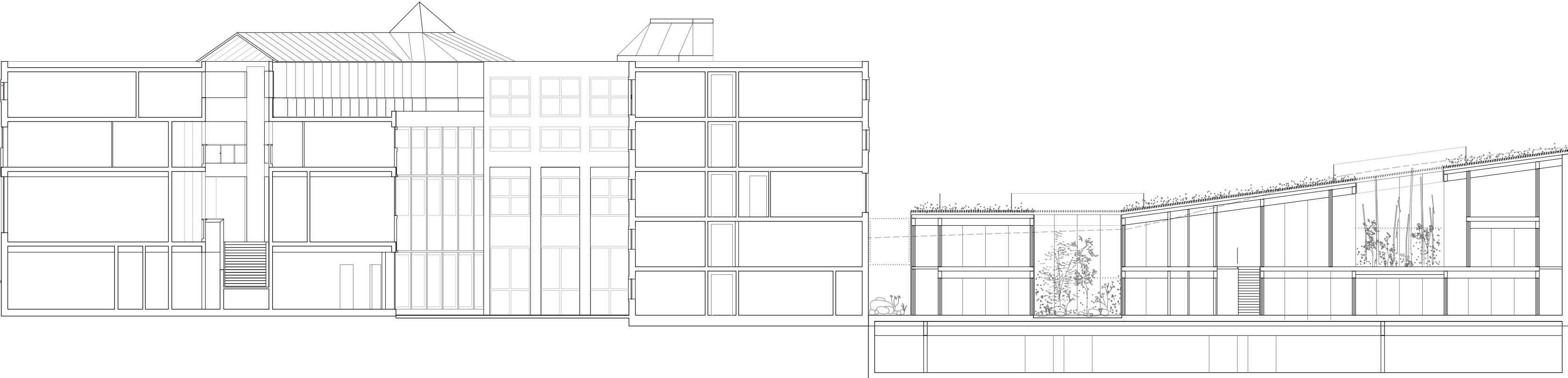


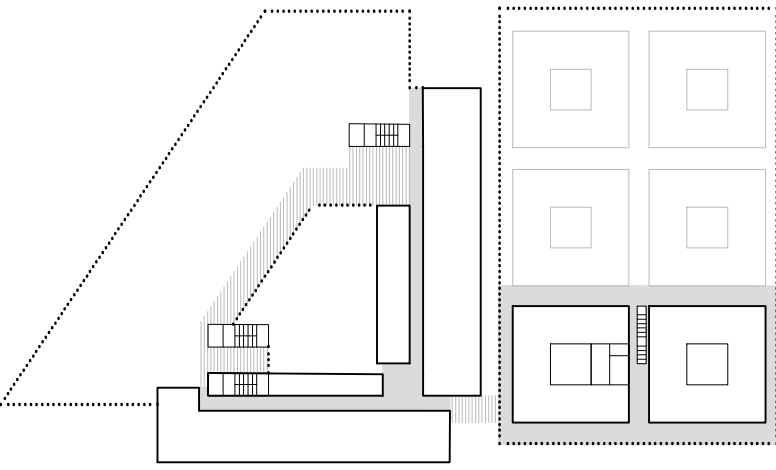
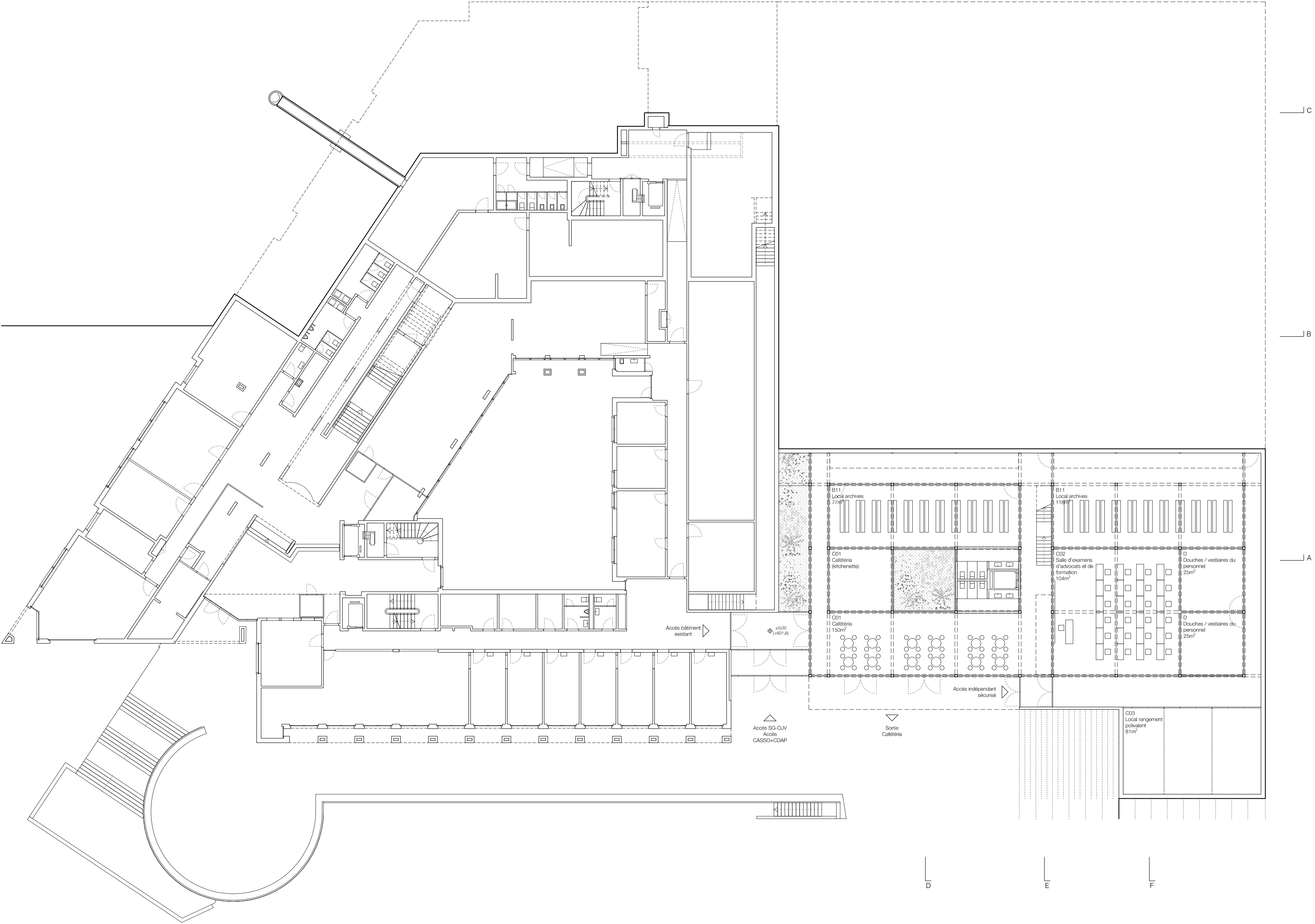
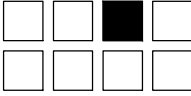


NIVEAU 0



COUPE A

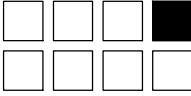




NIVEAU 1



COUPE B



C

B

A

D

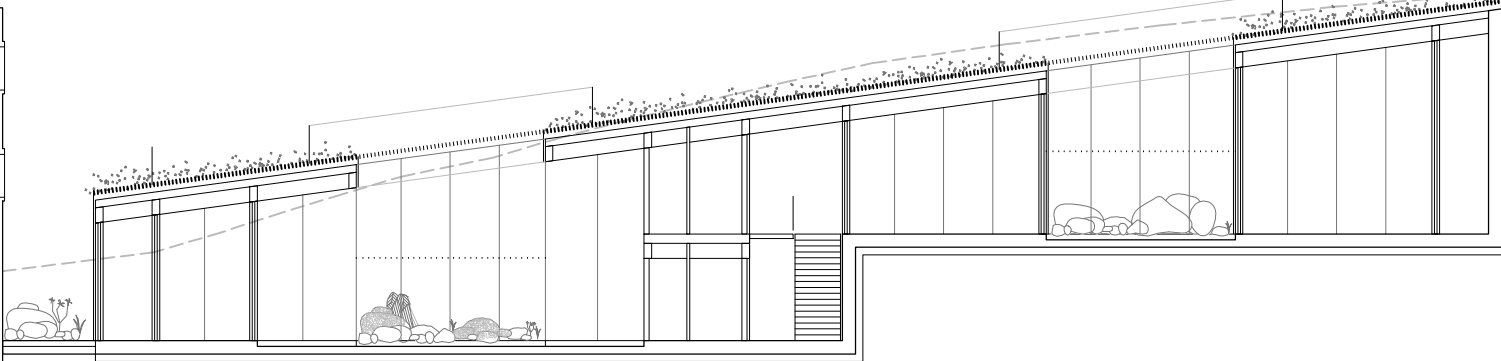
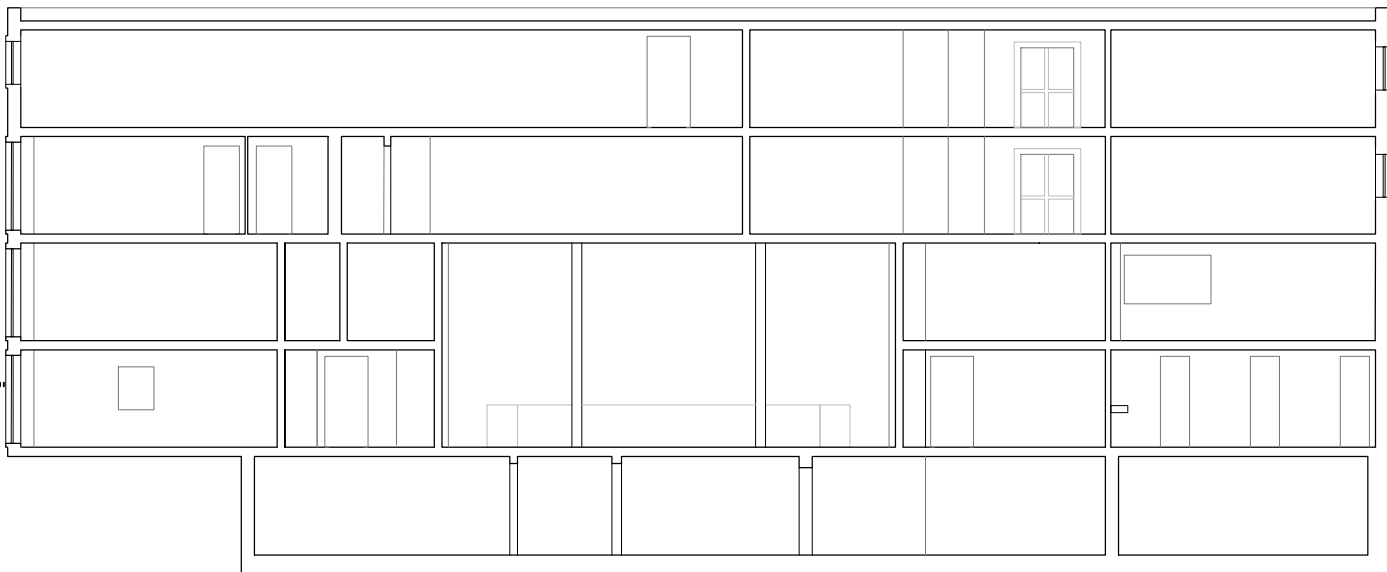
E

F

NIVEAU 2 0 5m

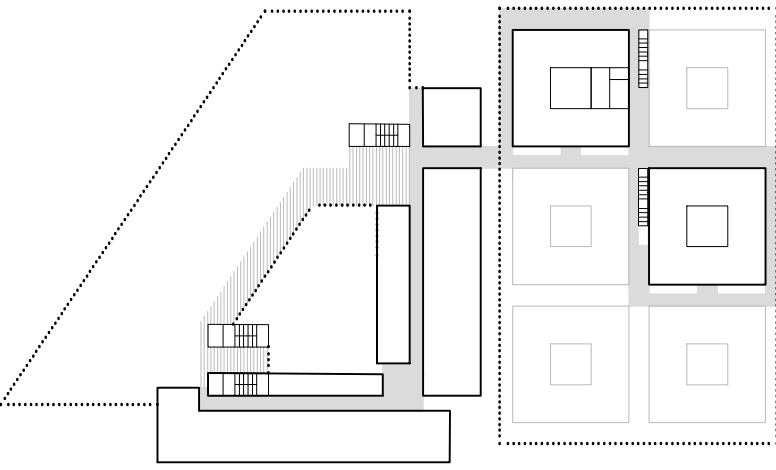
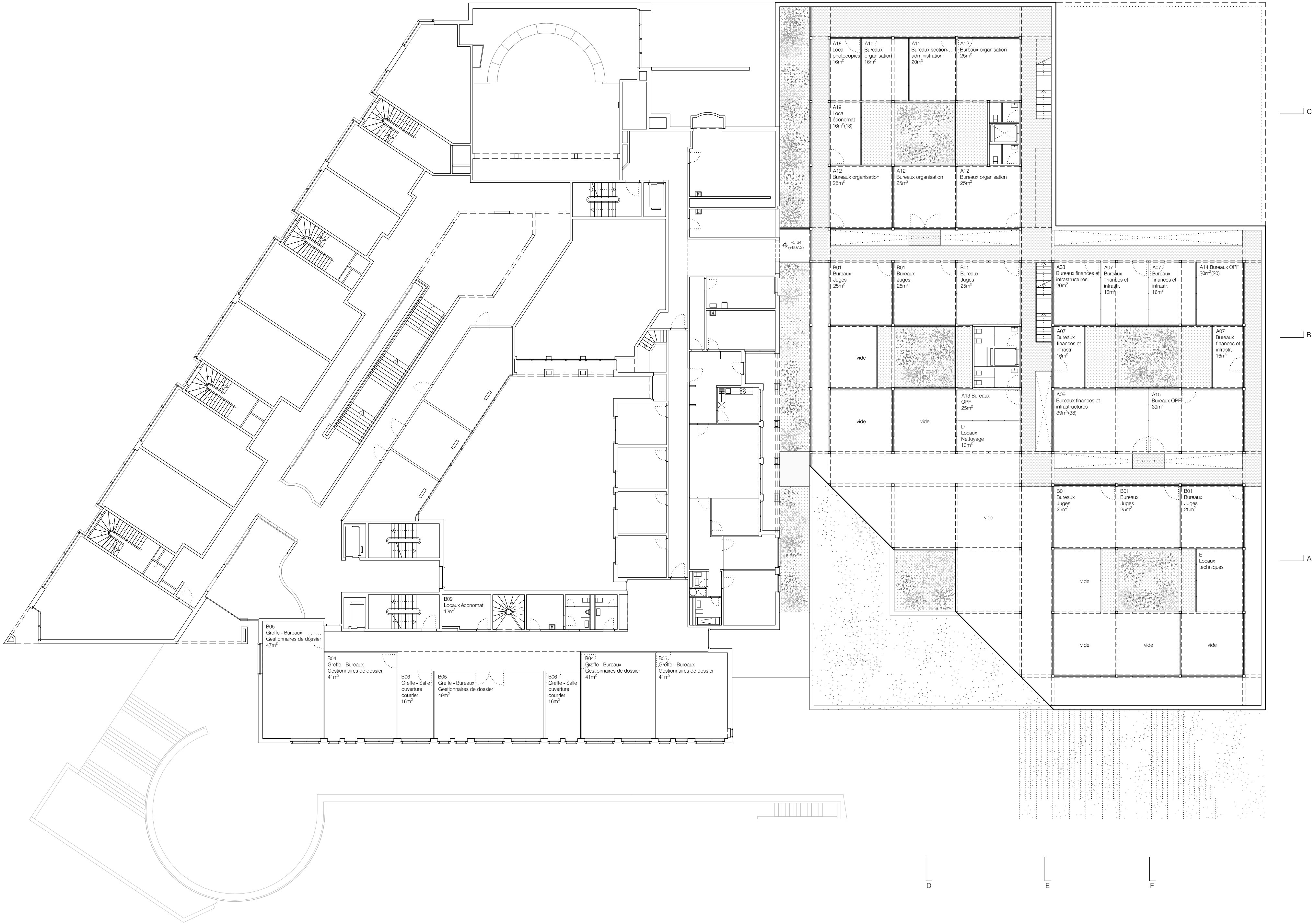
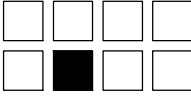


COUPE C 0 5m



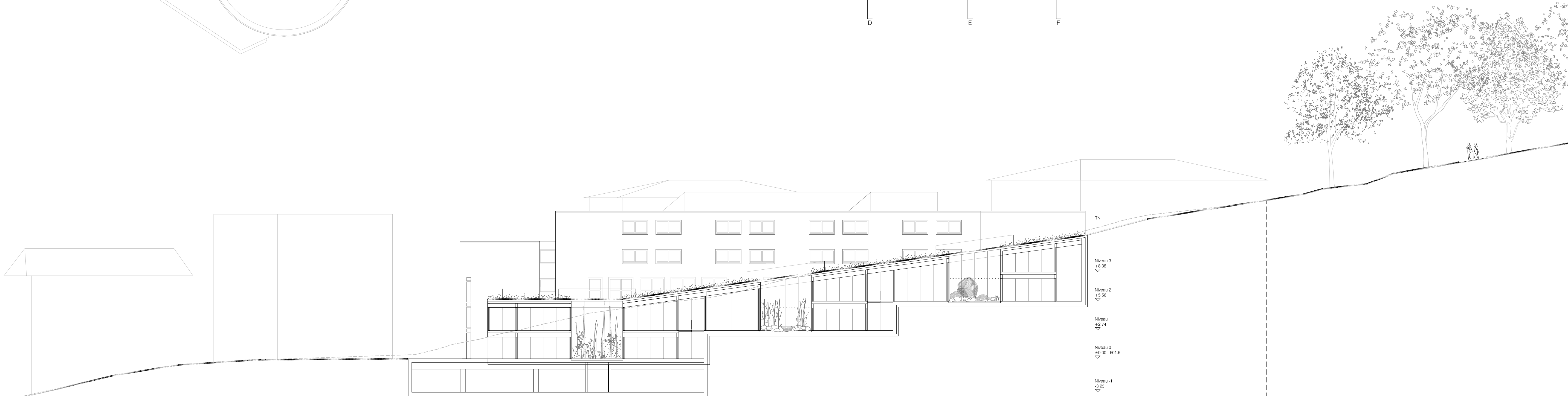
Niveau 3
+8.38
Niveau 2
+5.96

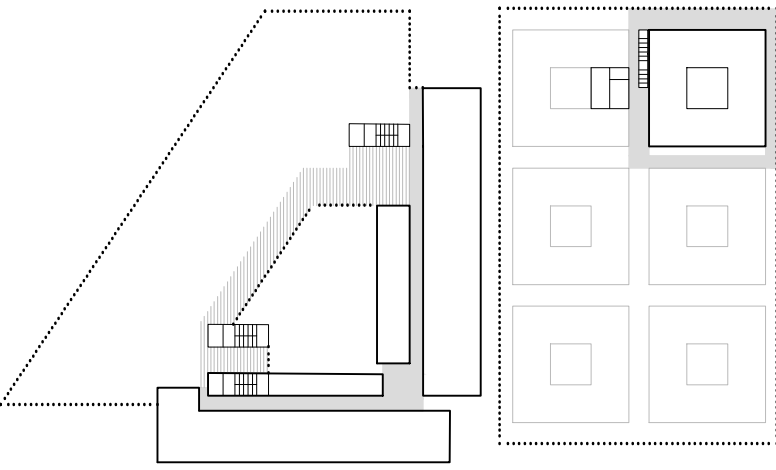
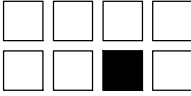




NIVEAU 3

COUPE D





C

B

A

D

E

F

NIVEAU 4



TN

Niveau 3

+5.38

Niveau 3

+5.38

Niveau 2

+5.56

Niveau 1

+5.74

Niveau 0

+5.00 - 601.6

Niveau -1

-3.25

Coupe E

