

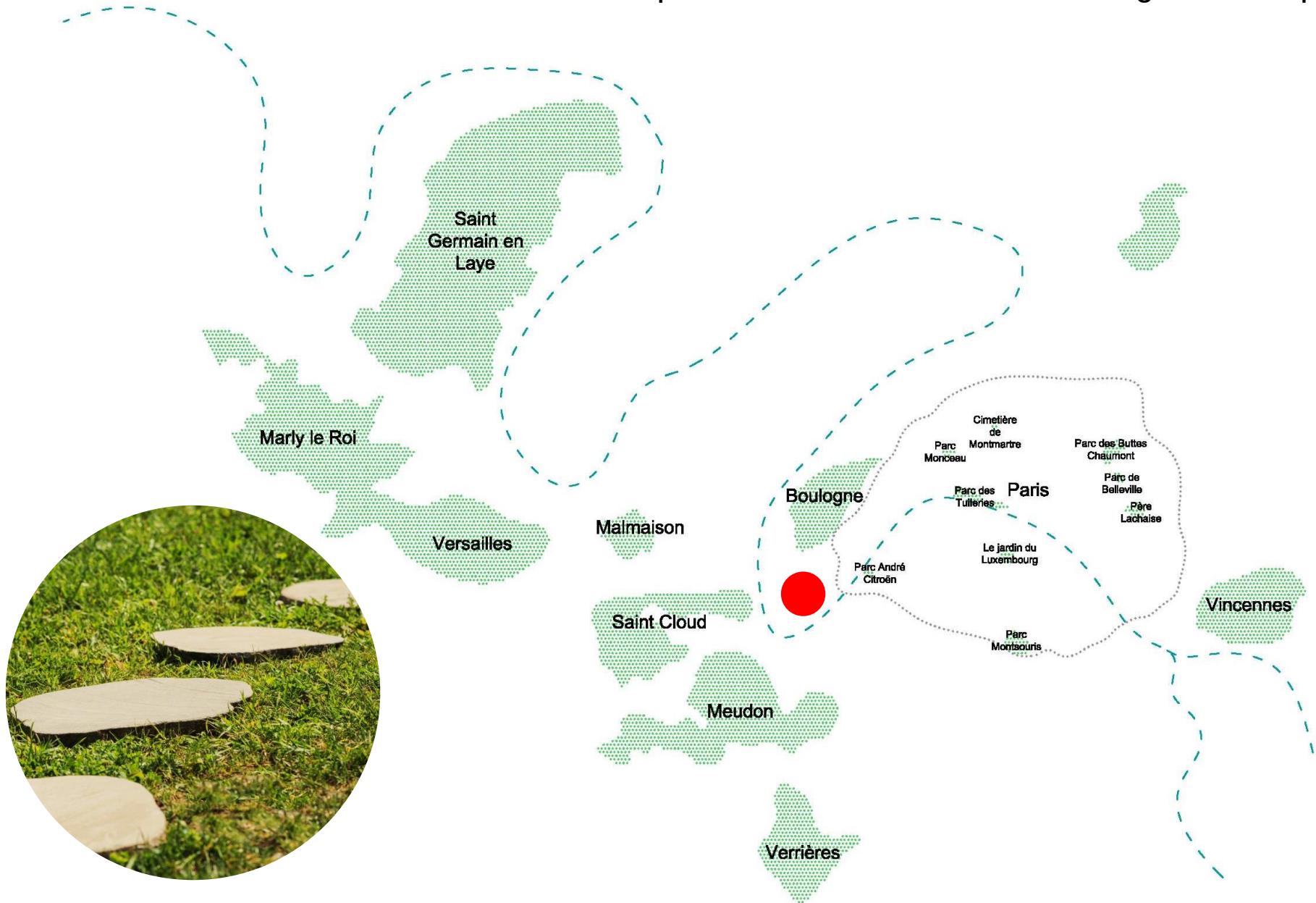


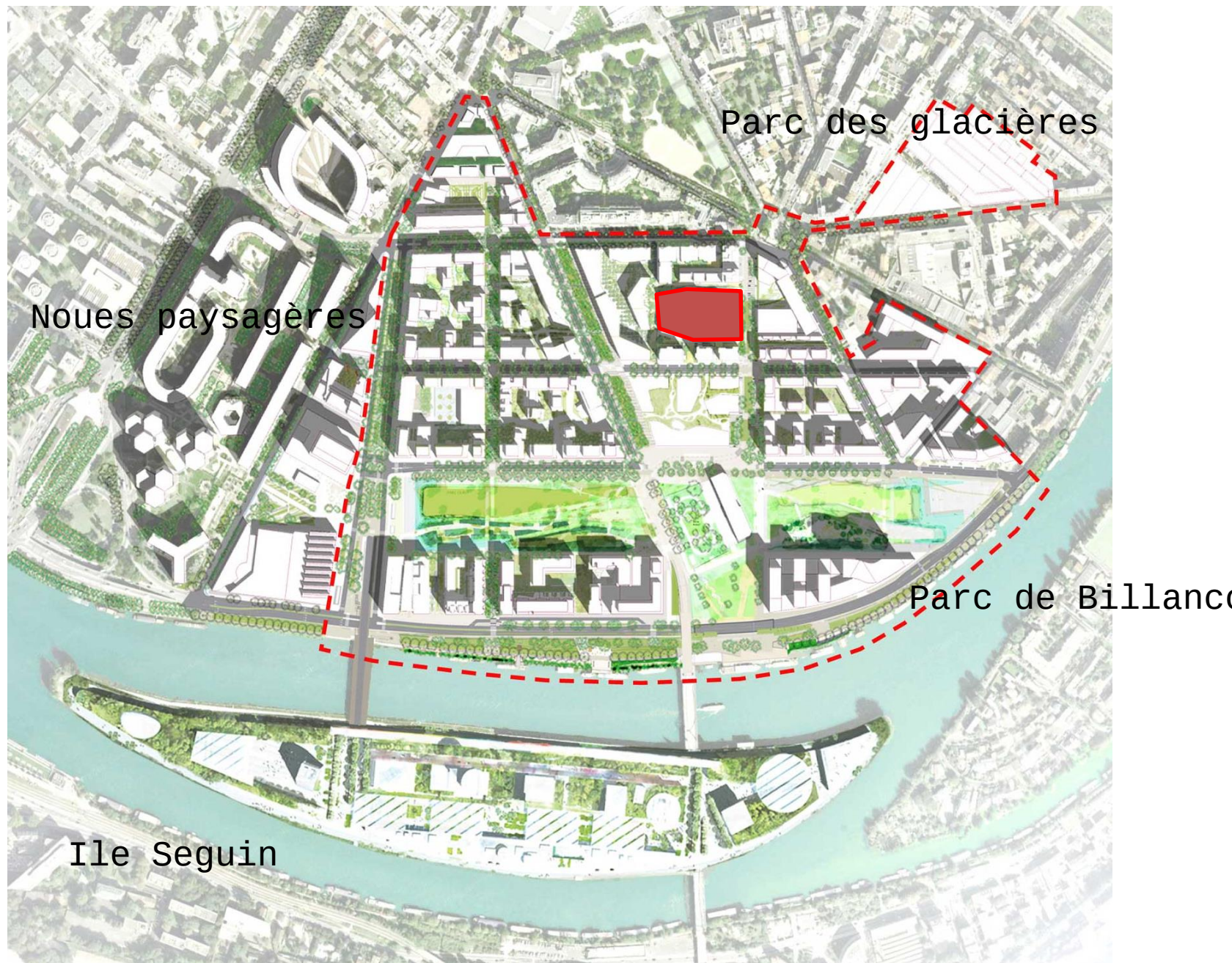
Biodiversité et architecture

Le groupe scolaire de Boulogne-Billancourt

Chartier-Dalix Archit

La trame verte à l'échelle de la région
La position du GS de Boulogne: un pa





Parc des glacières

Nouvelles paysagères

Parc de Billancourt

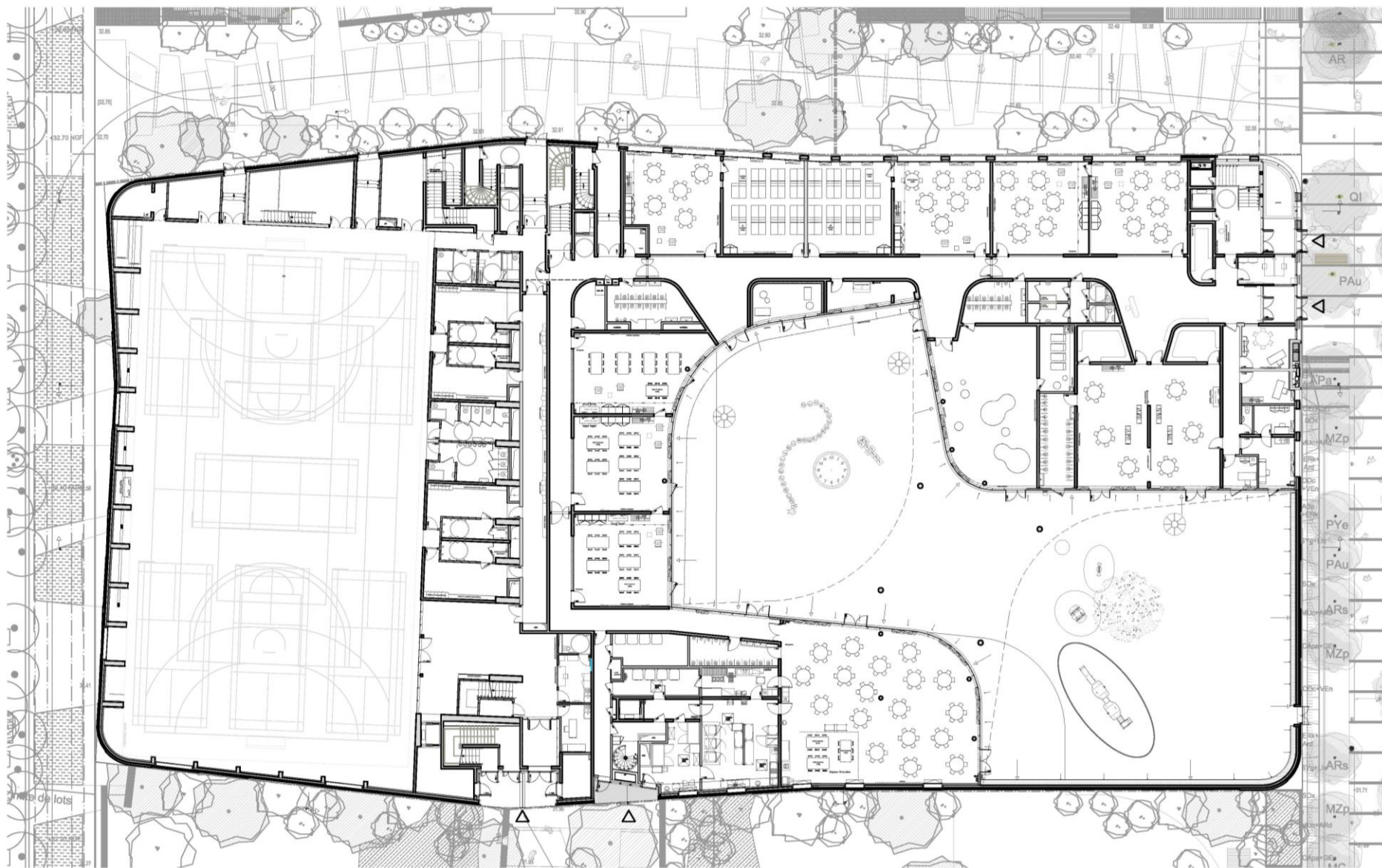
Ile Seguin



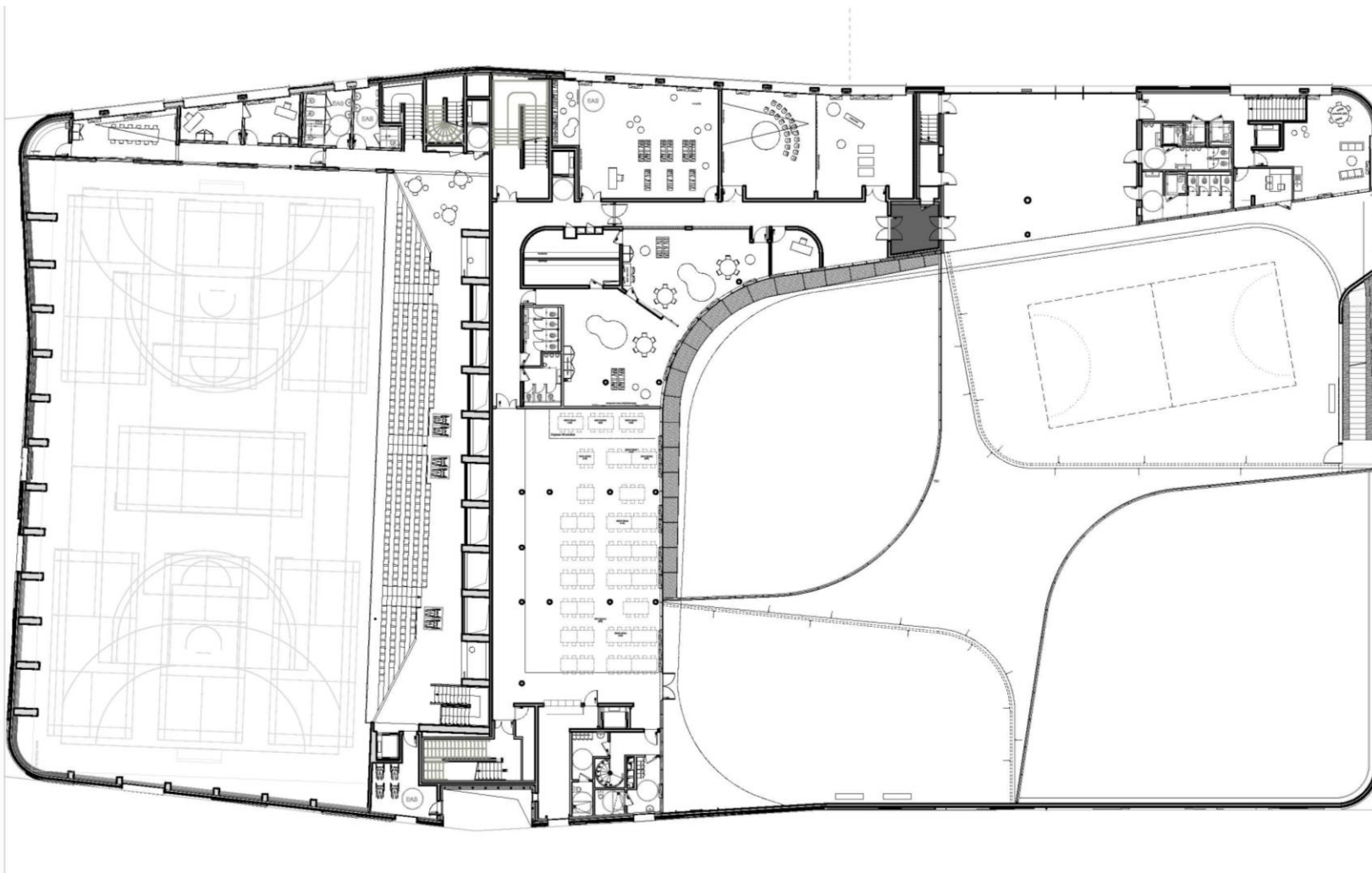




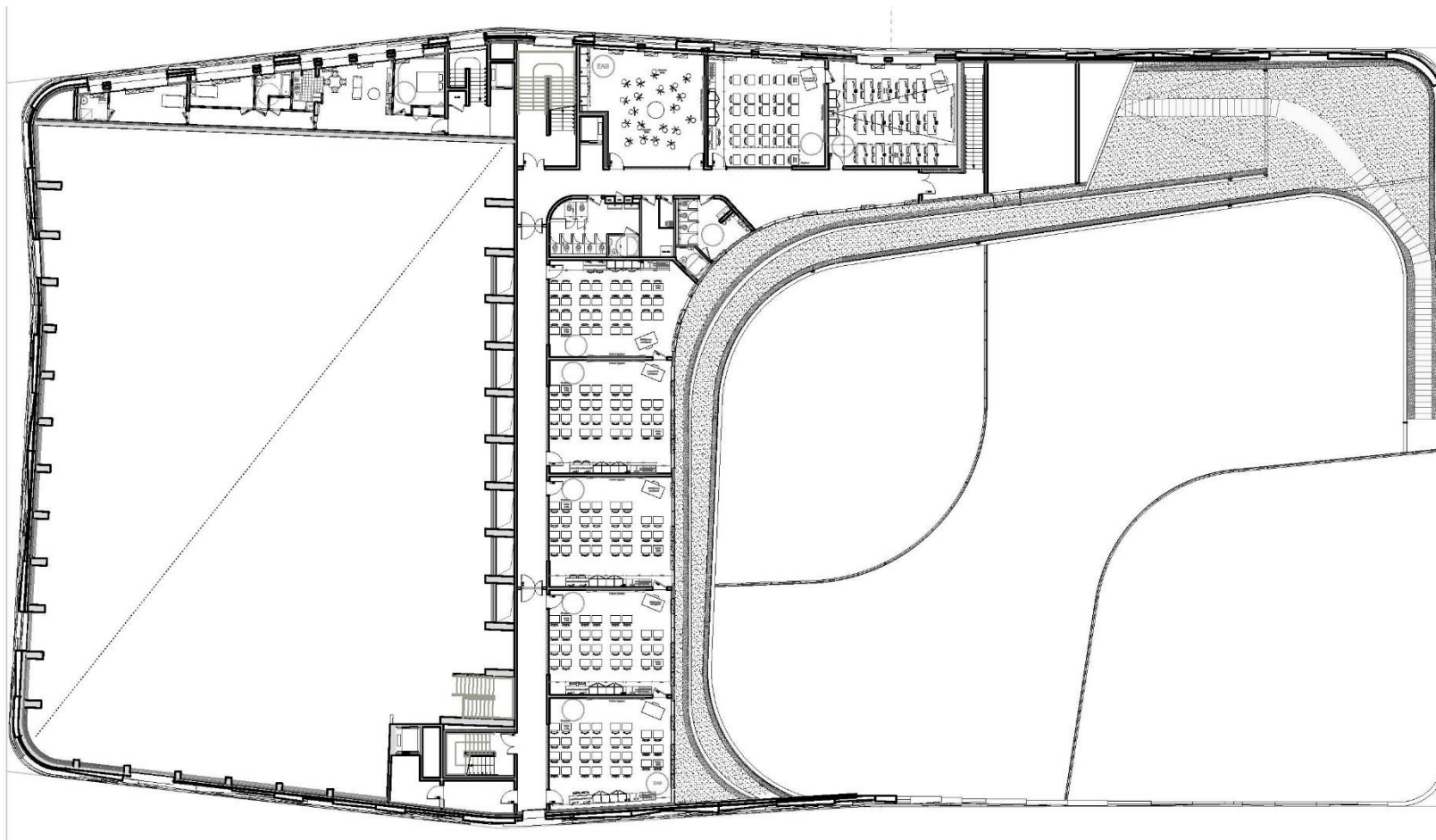




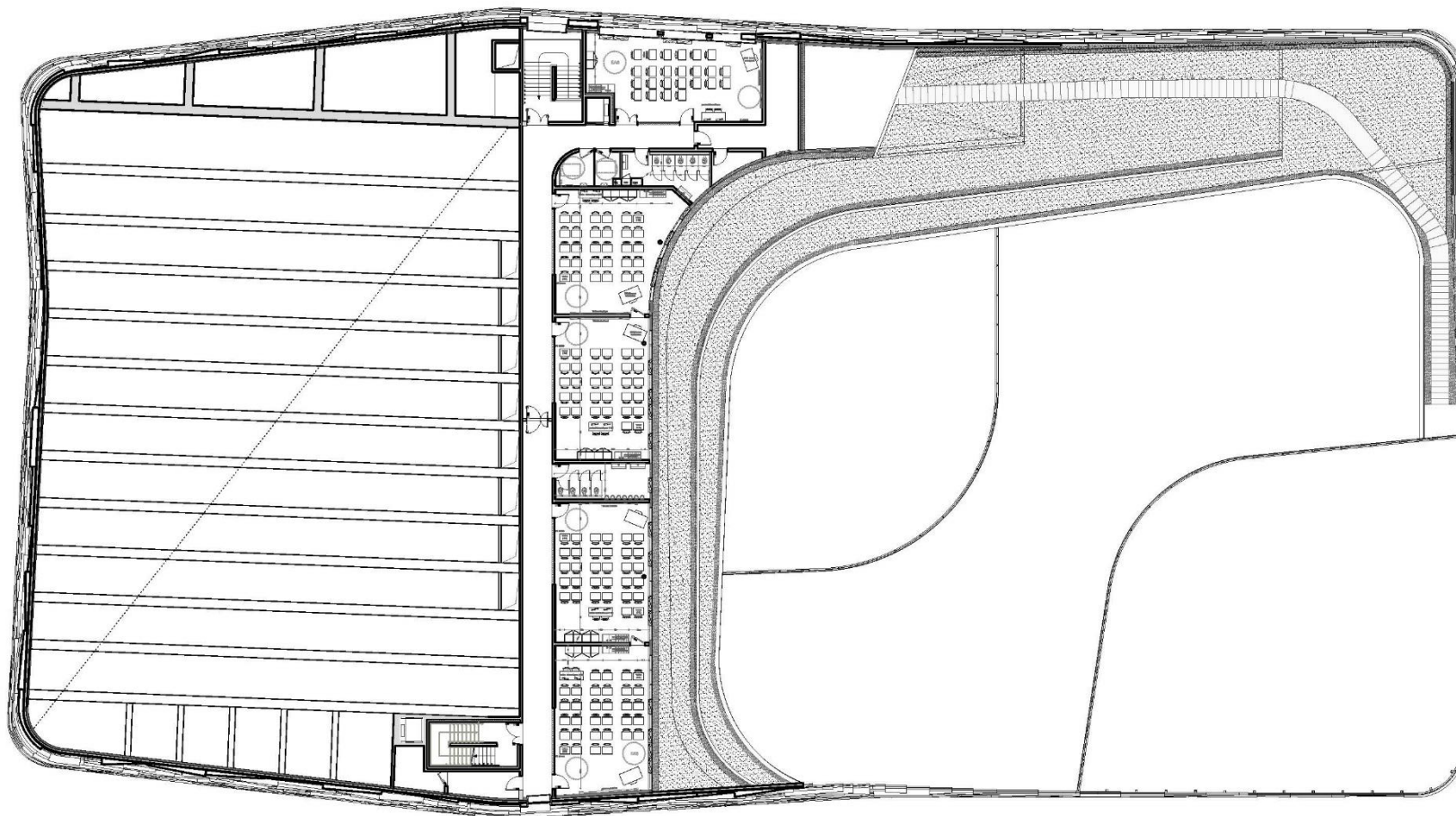
Plan du
RDC



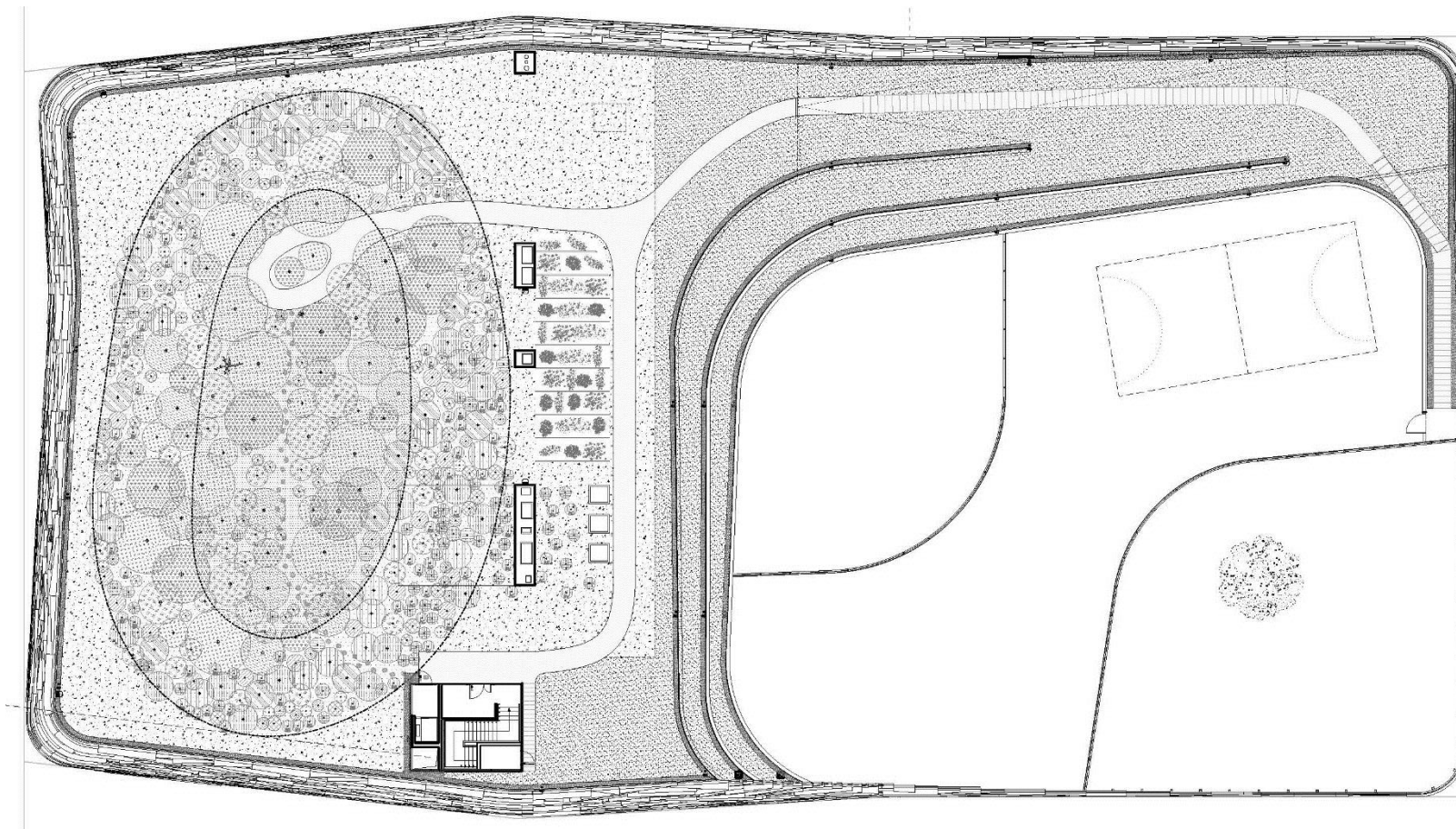
Plan du
R+1



Plan du
R+2



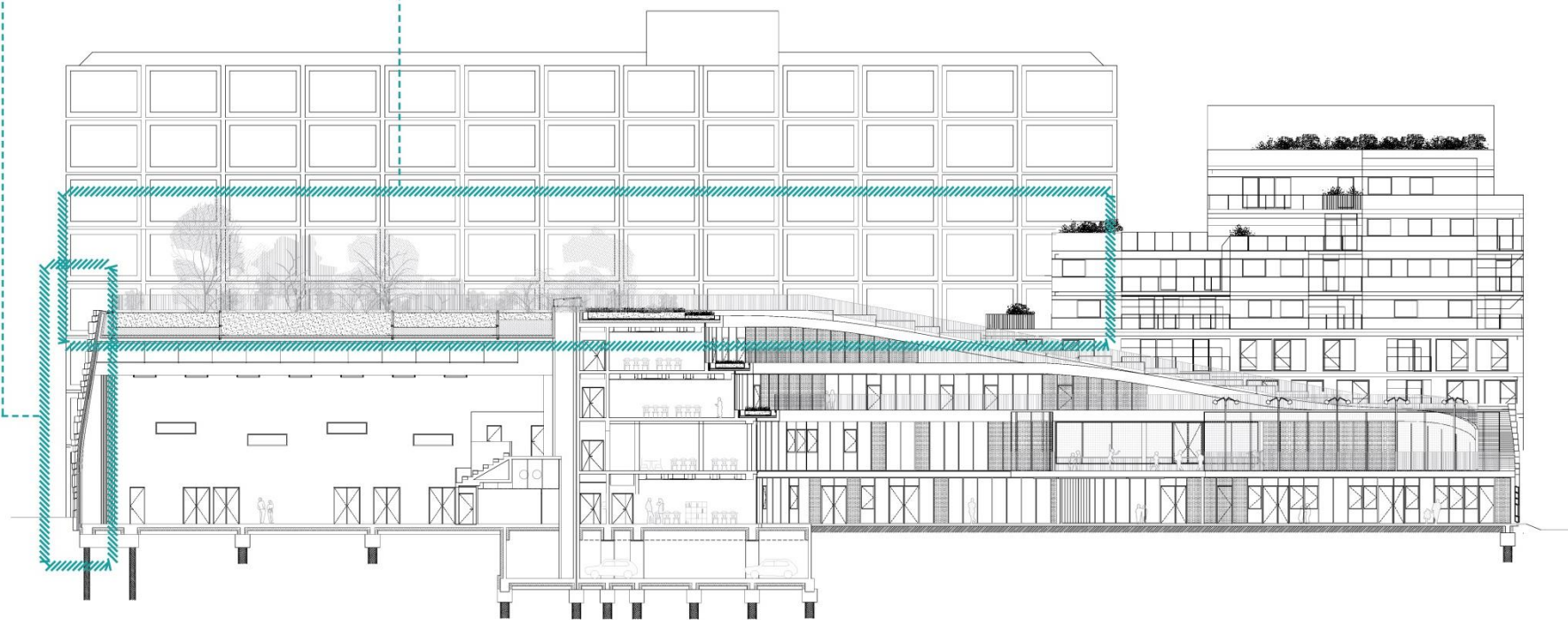
Plan du
R+3



Plan de
toiture

Le Mur

Le Toit





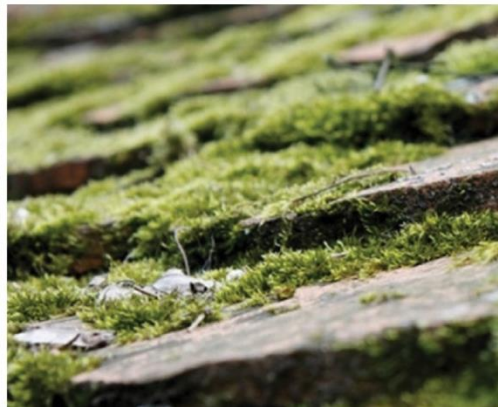




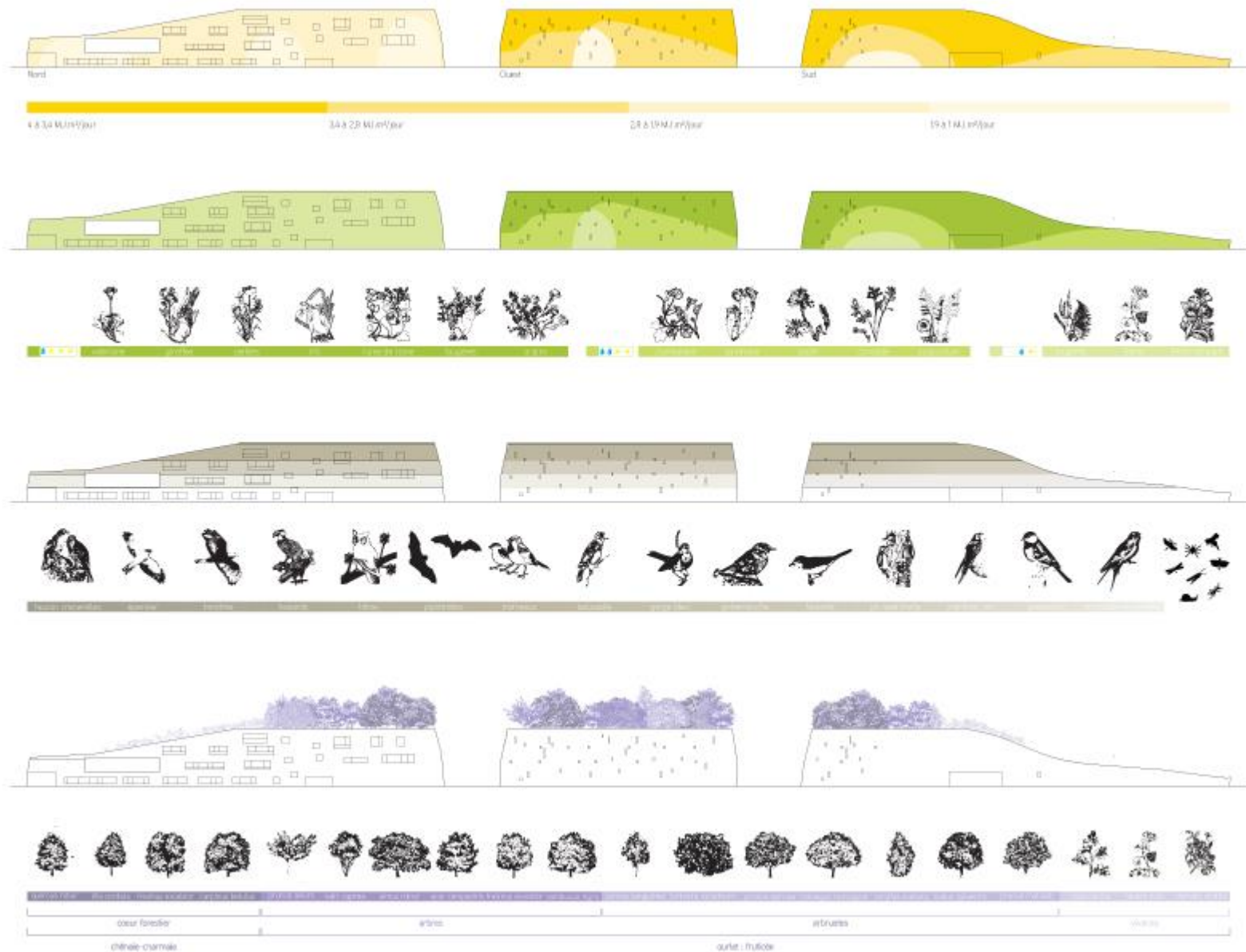




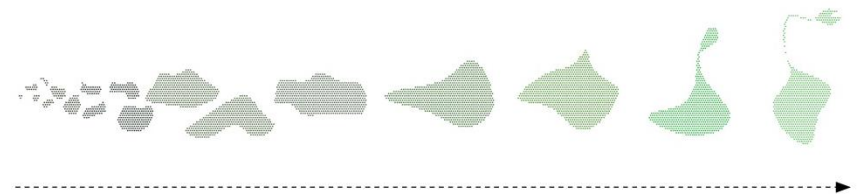
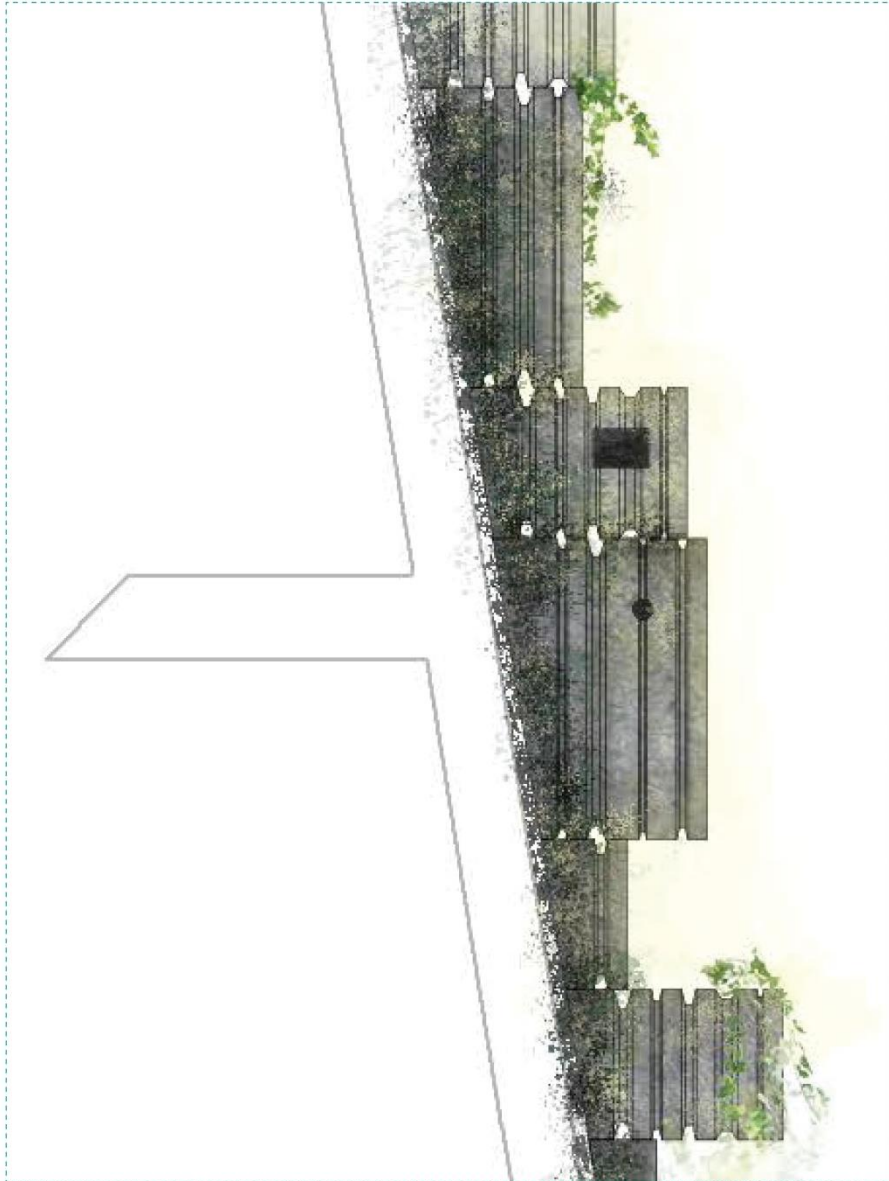




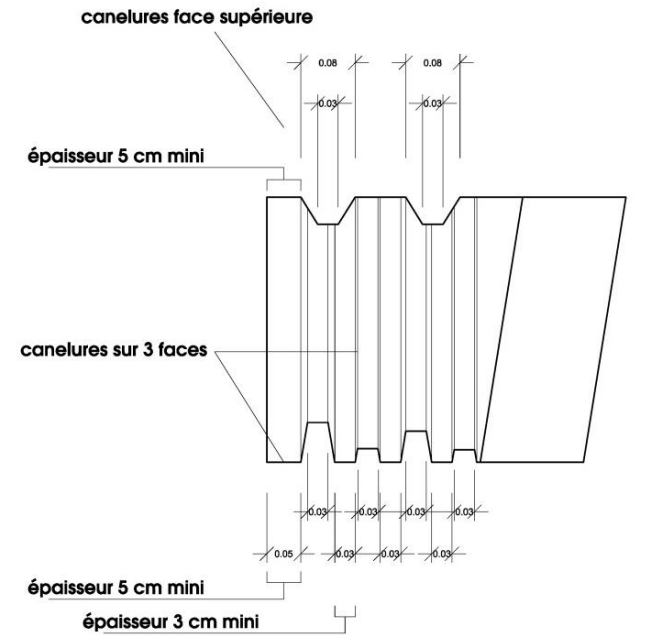
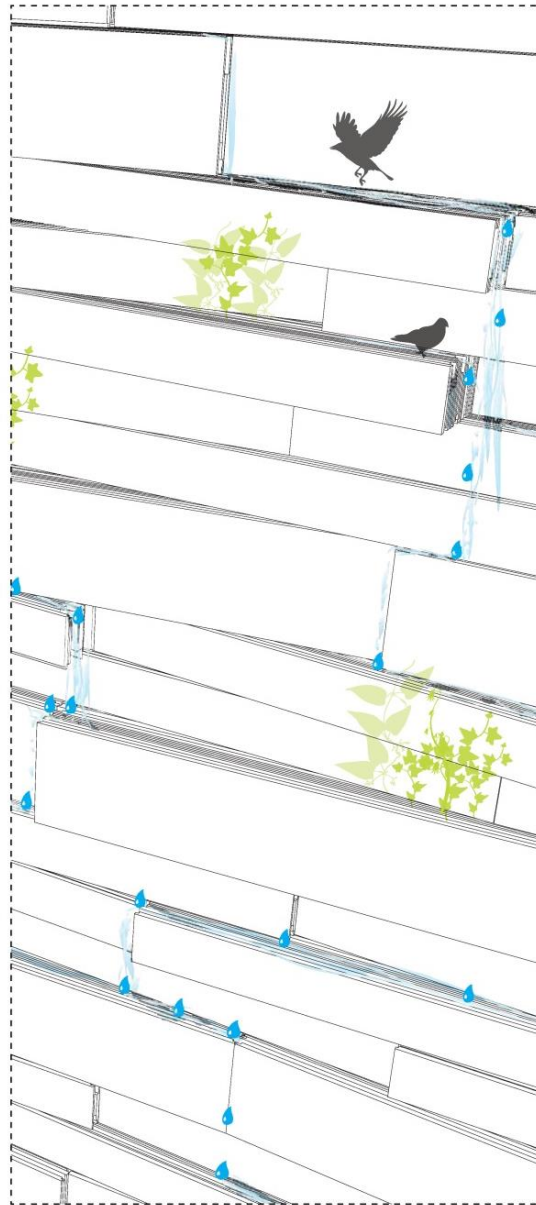
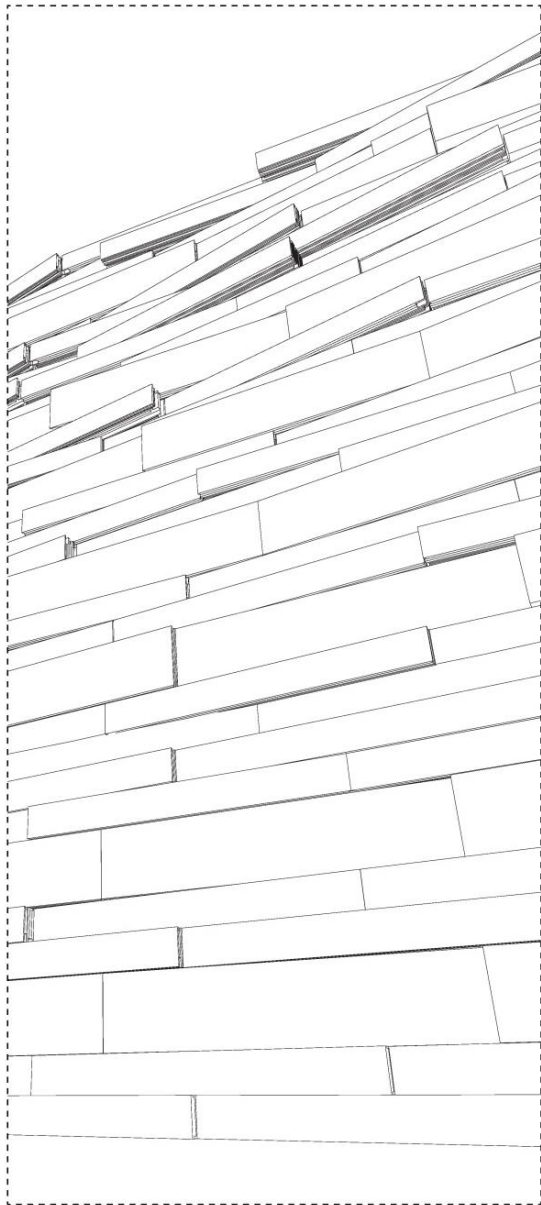
Un mur conçu pour évoluer dans le temps et accueillir une végétation



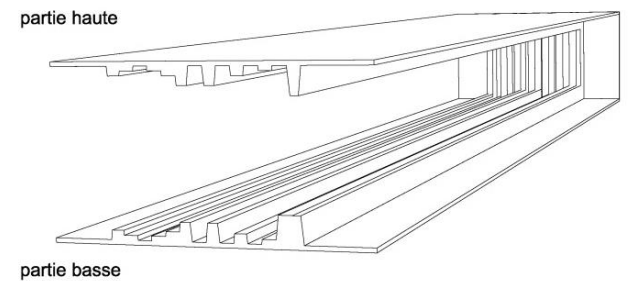
Simétries et orientations composent un diagramme d'implantation possible



Le développement d'une
végétation cryptique



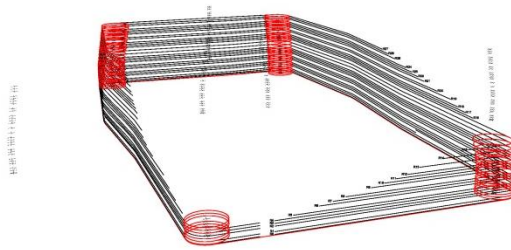
Détails des canelures



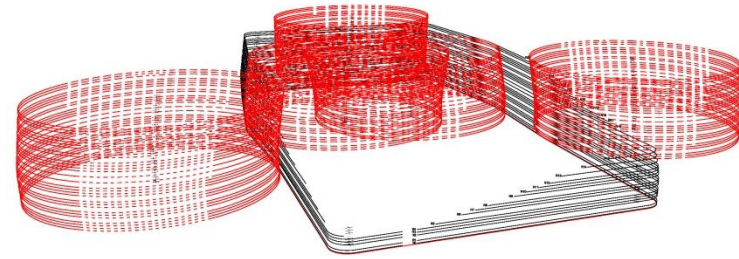
Principe du moule des canelures

La prise en compte du chemin de l'eau dans la géométrie des blocs

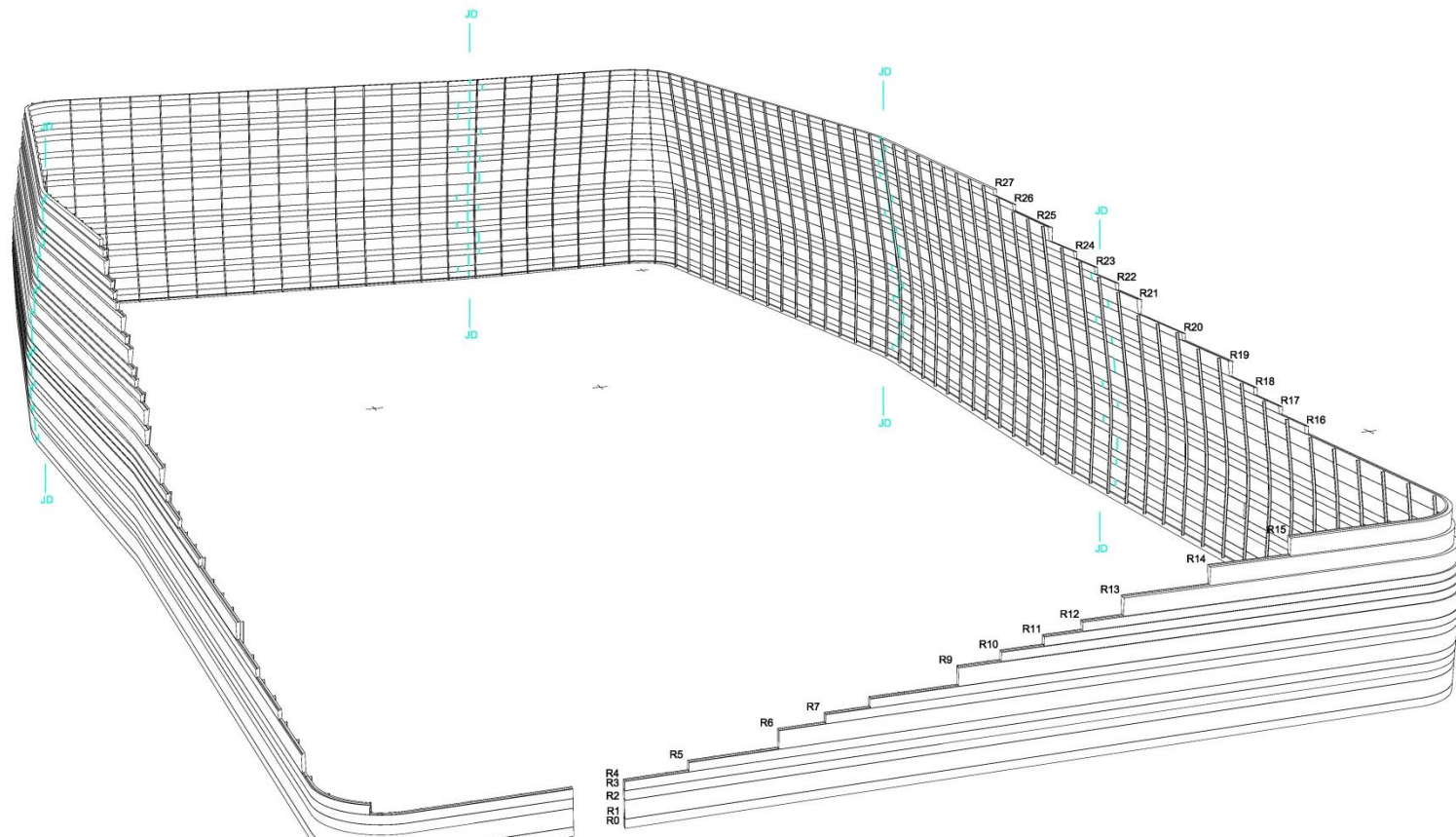
Génération des lits, chaque lit possède les mêmes rayons de courbure



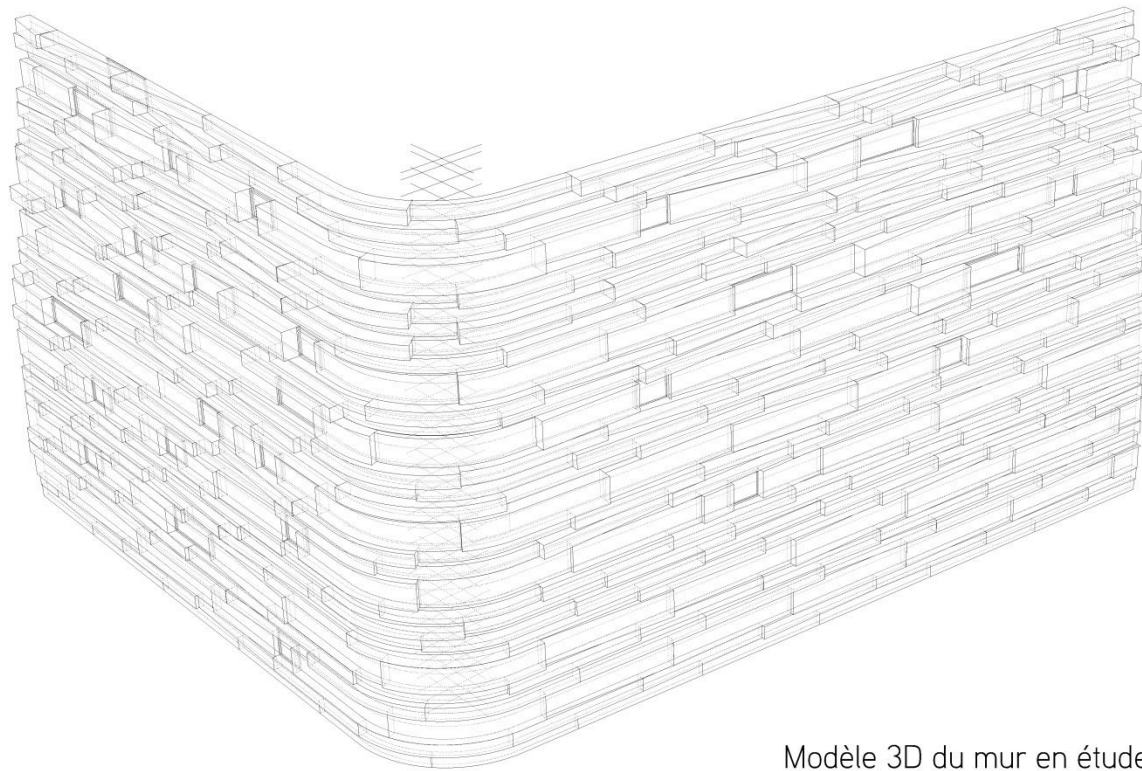
Rayons de 3m pour les 4 angles periphériques



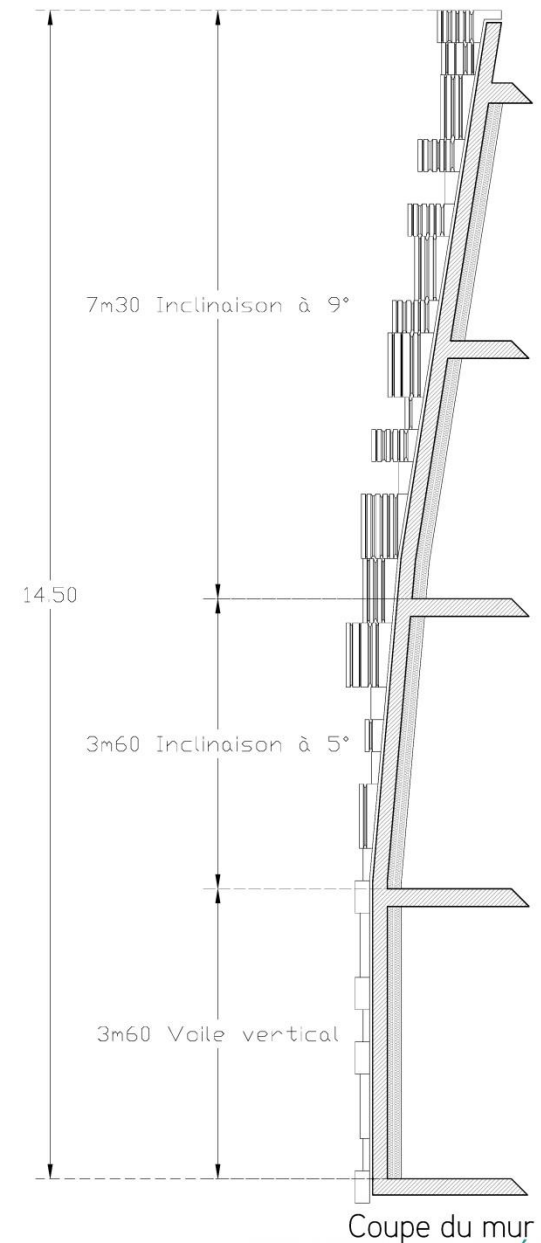
Rayons de 20 m pour les angles interieurs



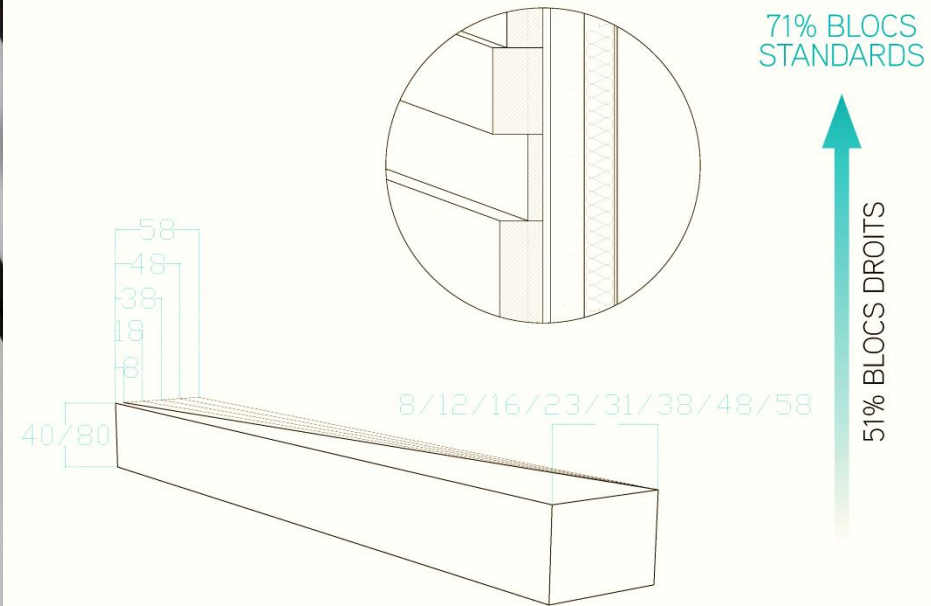
Le mur habité: répartition des 27 lits



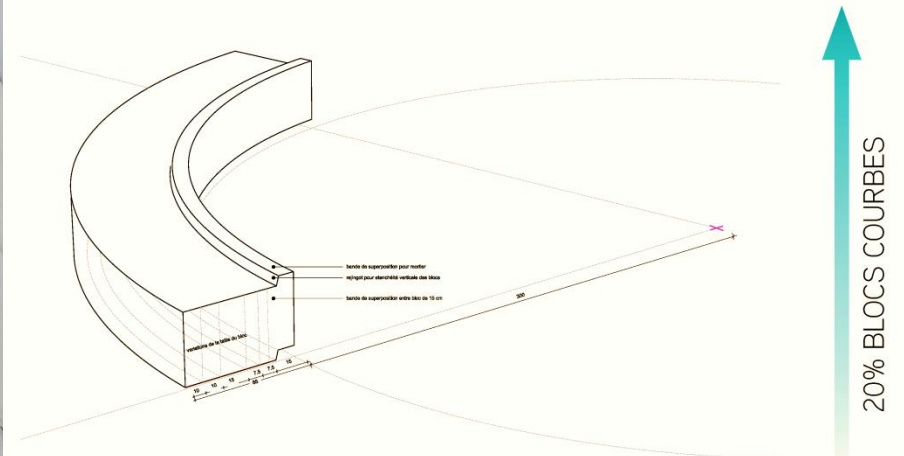
Modèle 3D du mur en étude
1436 Blocs dont 71% de blocs standards
et 29% de blocs spéciaux



Le mur habité: génération du modèle et coupe

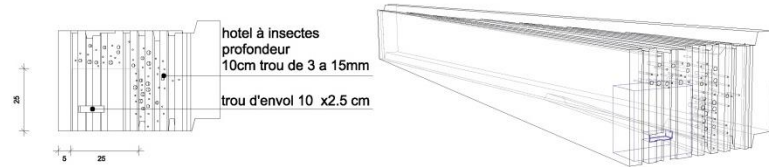


Les blocs standards : blocs droits



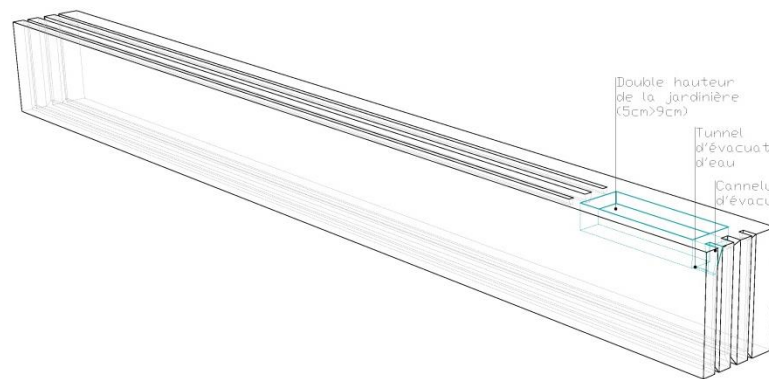
Les blocs standards : blocs courbes

1436 blocs: les blocs standards



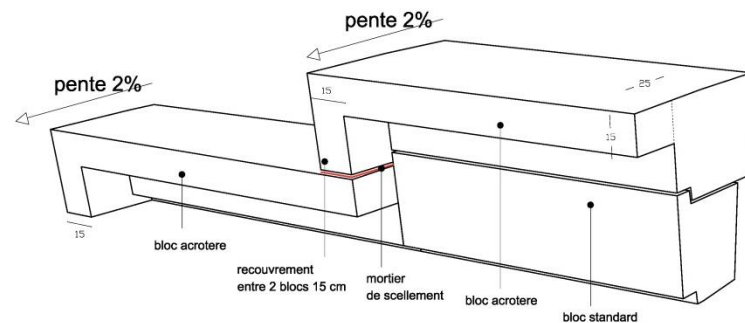
Les blocs spéciaux : blocs nichoirs

200 BLOCS NICHOTIRS
ET 40 BLOCS INSECTES



Les blocs spéciaux : blocs jardinières

47 BLOCS JARDINIÈRES



Les blocs spéciaux : blocs acrotères

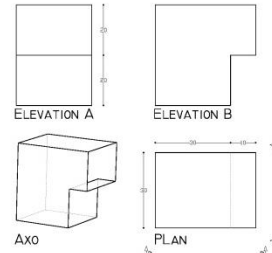
110 BLOCS ACROTÈRES

1436 blocs: les blocs
spéciaux



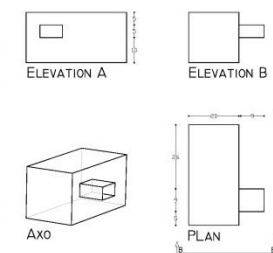
TYPE 5

58-0 FAUCON (H:80cm)



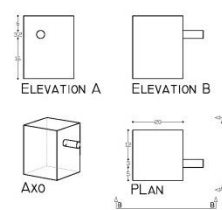
TYPE 1

58-1/2/3/5 MARTINET



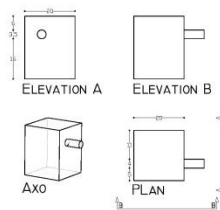
TYPE 4A

48-1 PASSEREAUX



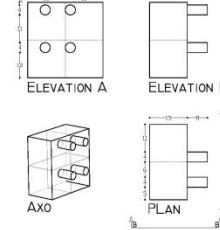
TYPE 4A

48-2 PASSEREAUX



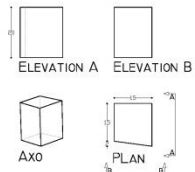
TYPE 4B

48-3 PASSEREAUX (H:80cm)



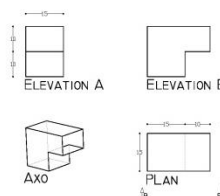
TYPE 6

48-4 58-4 38-0
HIRONDELLE



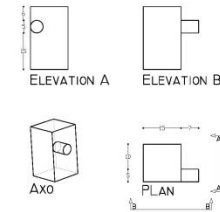
TYPE 2

38-2/3 ROUGE GORGE,
ROUGE QUEUE



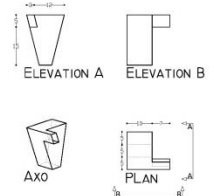
TYPE 3

31-1 CAVICOLE

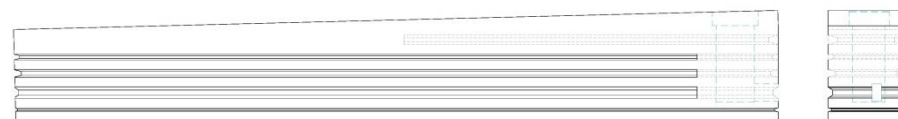
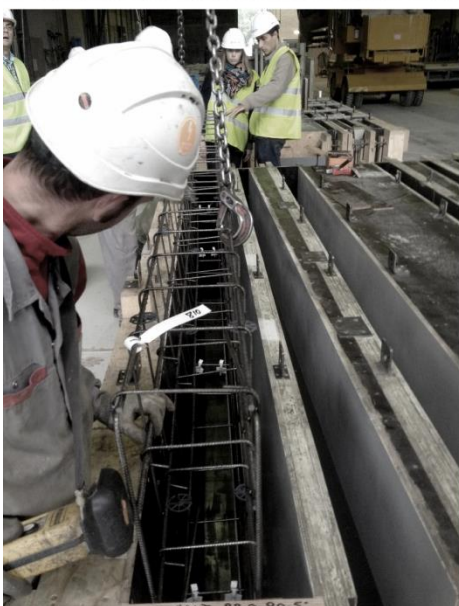


TYPE 3

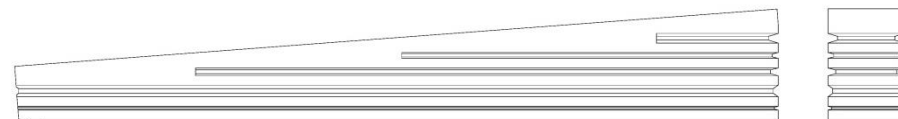
31-2 CAVICOLE



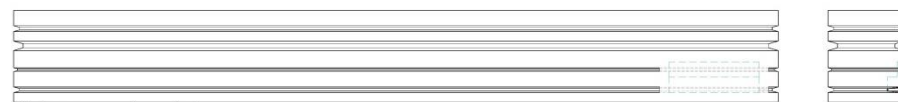
Les nichoirs intégrés dans
les blocs



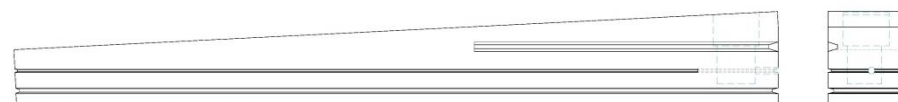
58-1 AVEC NICHOR MARTINET INTÉGRÉ



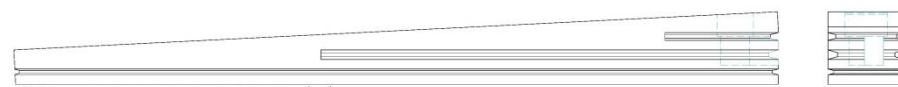
58-2



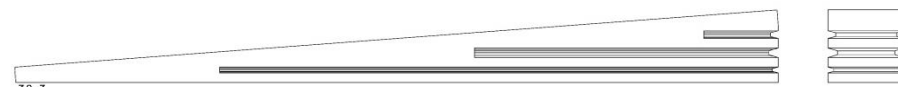
48-0 AVEC JARDINIÈRE INTÉGRÉE



48-2 AVEC NICHOR PASSEREAUX INTÉGRÉ



38-2 AVEC NICHOR ROUGEGERGE ROUGEQUEUE INTÉGRÉ



38-3



31-0 AVEC JARDINIÈRE INTÉGRÉE

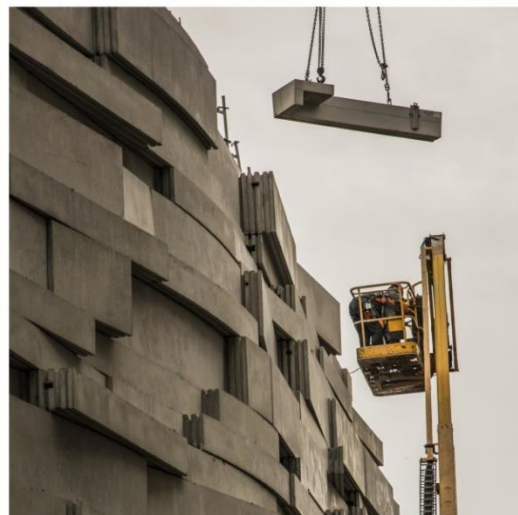


31-1 AVEC NICHOR CAVICOLE INTÉGRÉ



23-1

Fabrication des blocs



Pose des blocs



GYMNASIUM

Gymnase
de la République
1000 Bruxelles
1000 Bruxelles



Iris



Mésange
charbonnière





Sedum



Cymbalaria mur



Saxifraga





anthidie



auplopus



Tégénaire (Tegenraria)



Araneus
diadematus



cerceris



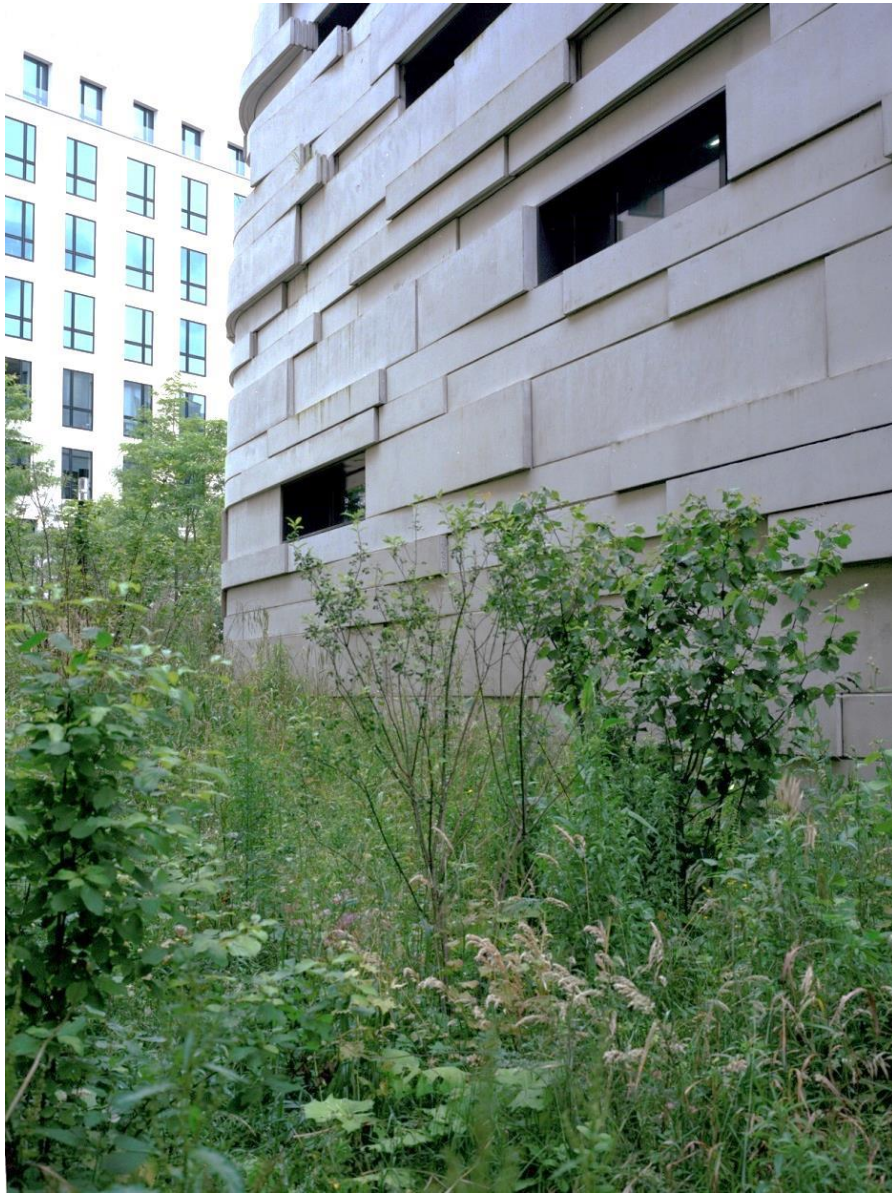
Petit gris (Helix aspersa)



bombus



Opilion



La végétation au pied du bâtiment
Façade sud



Façade Ouest



