BIOSCALE





Plan d'implantation - 1/1000

0 50 (m)



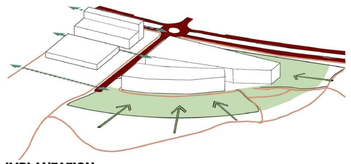
Coupe contextuelle - 1/1000

0 50 (m)

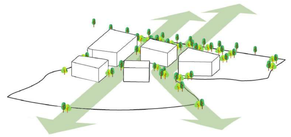


Schémas - Analyse

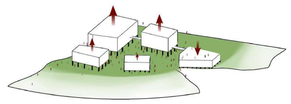
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RATAT Mathis, ZHANG Célia



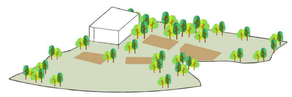
IMPLANTATION
- Automobile
- Entrées
- Recule par rapport à la zone protégée et de la ville



POROSITE - LIEN NORD SUD
- Axes verts

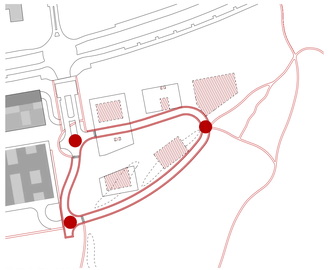


POROSITE - PILOTIS
- Densification de la végétation

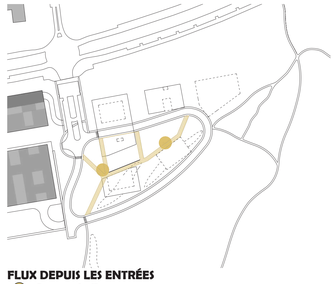


PROPOSITION SECONDE VIE

Schémas - Volumes



IMPACT AU SOL
- Entrée
- Piétonniers
- Empreinte au sol

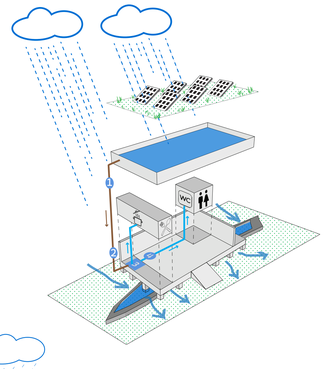


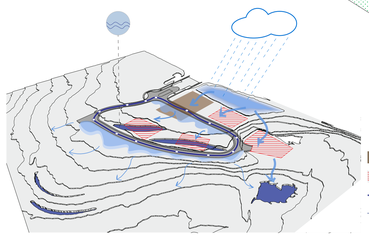
FLUX DEPUIS LES ENTRÉES
- Centre de flux
- Flux sur la parcelle



FLUX DEPUIS LES CENTRES
- Centre de flux
- Flux sur la parcelle
- Plateaux de végétation

Schémas - Organisation de la parcelle / Amménagement extérieur





1. Collecte d'eau pluviale
2. Filtration
3. Bassin de récupération
4. Filtre d'eau potable et pompe

- Imperméable
- Perméable
- Système d'égouts existant
- Sens d'écoulement

Schémas - Écoulement des eaux

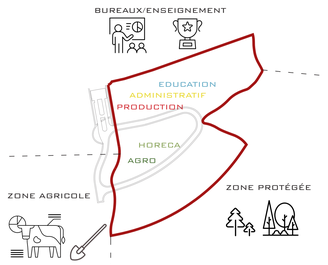
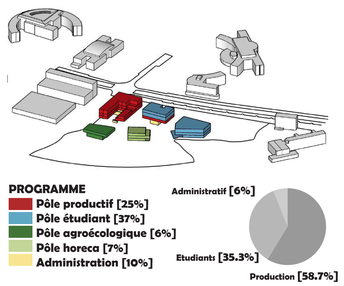
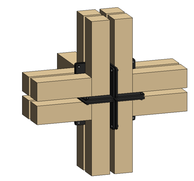


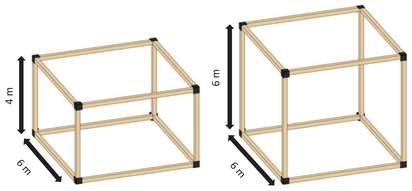
Schéma - Répartition



PROGRAMME
- Pôle productif [25%]
- Pôle étudiant [37%]
- Pôle agroécologique [6%]
- Pôle horeca [7%]
- Administration [10%]



NOEUD



MODULES



ASSEMBLAGE

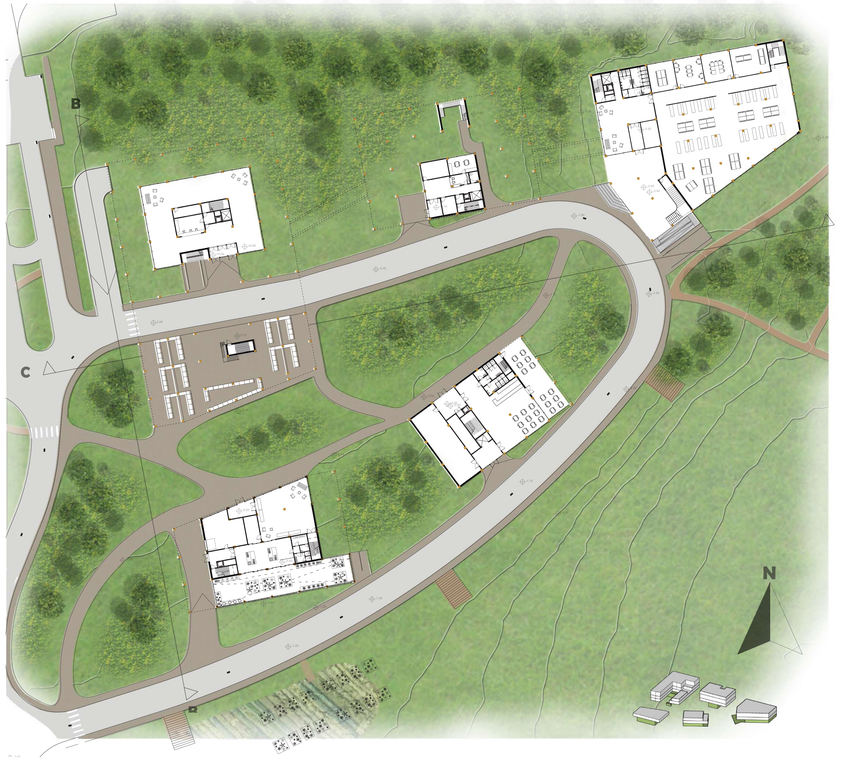
Schémas - Structures



Coupe BB - 1/200



Coupe CC - 1/200

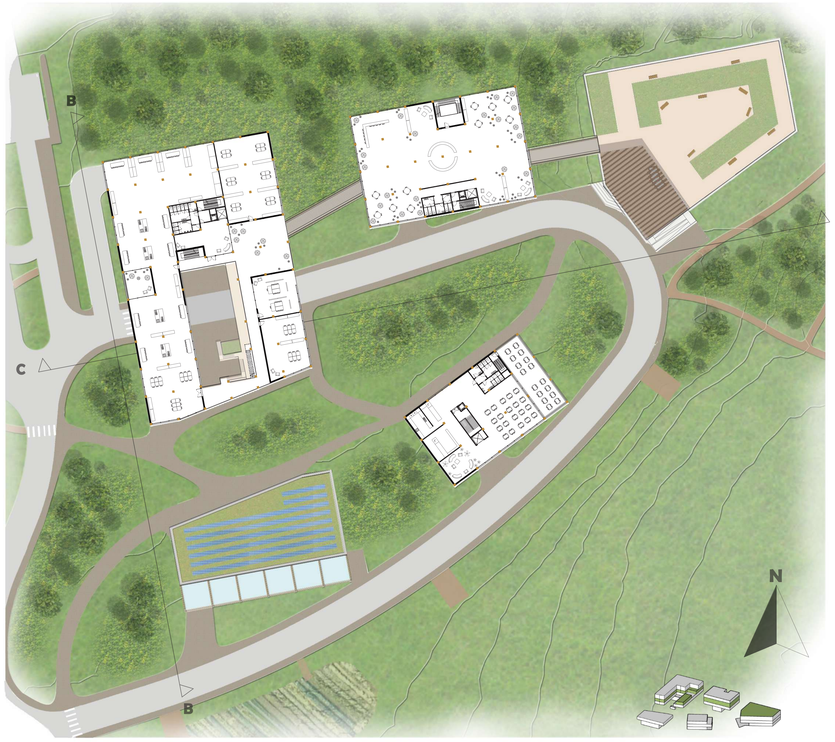


Plan Niv. + 0,00m - 1/500

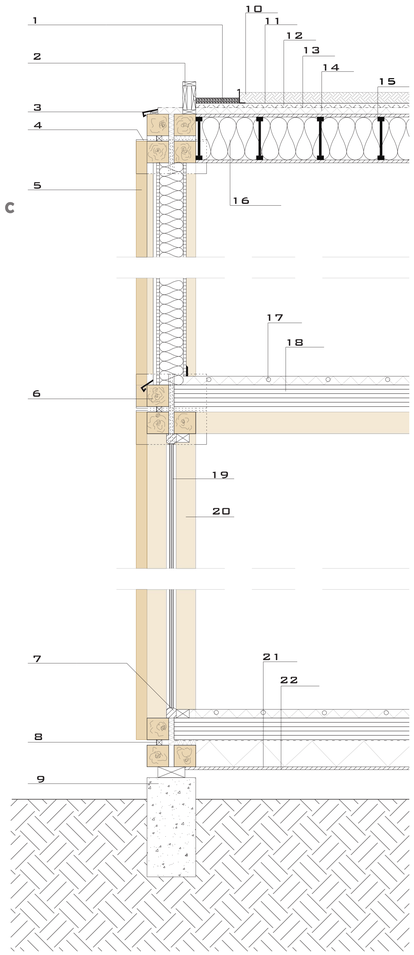


Plan Niv. +6.00m - 1/500

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Plan Niv. +10.00m - 1/500



Légende

0 1 (m)

1. Gravier
2. Acrotère (Bois)
3. Couvertine
4. Fixation (Acier)
5. Bardage
6. Poutre en bois massif (200mm x 200mm x 6000mm)
7. Chassis bois
8. Profilé de sellage bio-sourcé
9. Fondation
10. Substrat
11. Couche filtrante
12. Couche de drainage
13. Étanchéité
14. Isolation thermique (60mm)
15. Poutre en bois (I)
16. Isolation thermique (400mm)
17. Serpentins
18. Plancher CLT (200mm)
19. Triple vitrage
20. Colonne (200mm x 200m x 6000/4000mm)
21. Caissons bois
22. Revêtement extérieur

Détail - 1/20



Vue - Auditorium



Vue - Espace restauration

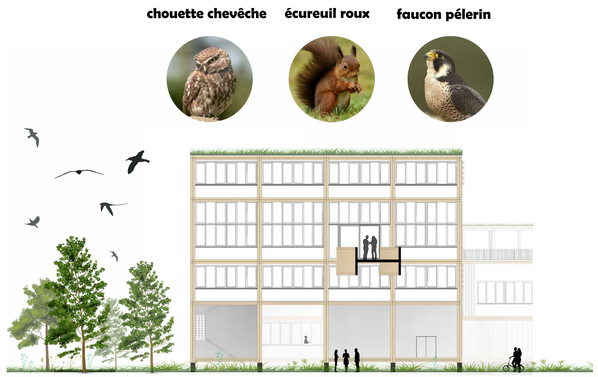
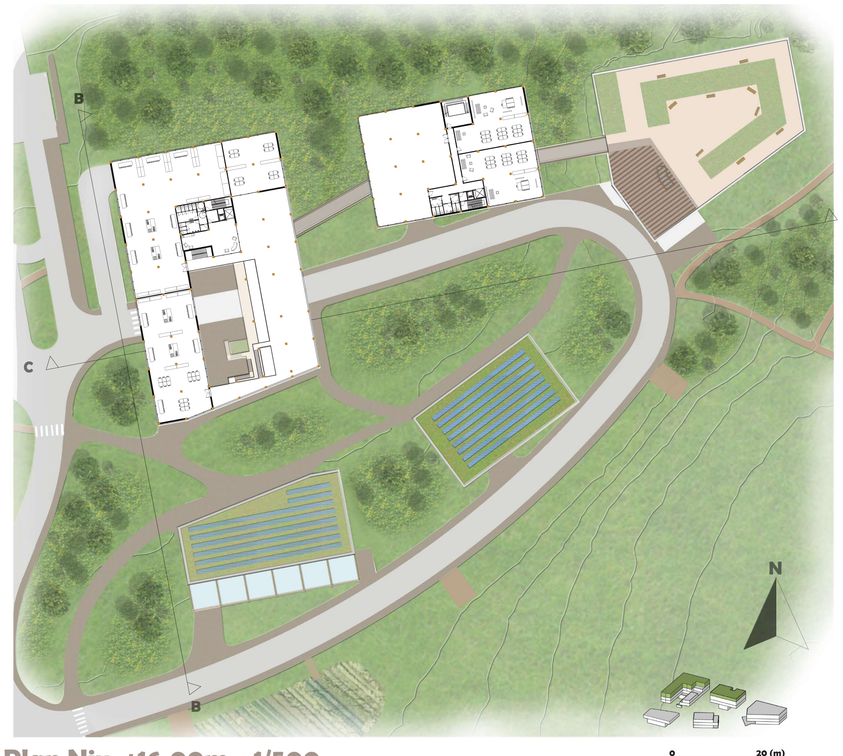




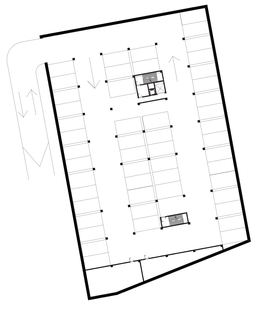
Schéma - Végétations



Vue - Passerelle depuis toit-terrasse bibliothèque



Plan Niv. +16.00m - 1/500



Plan Parking - 3,50m - 1/500



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RATAT Mathis, ZHANG Célia