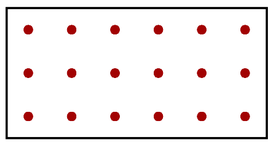
Quel avenir pour les prisons cellulaires radiales urbaines face à la crise de l'accessibilité au logement ?

Evolution des typologies carcérales

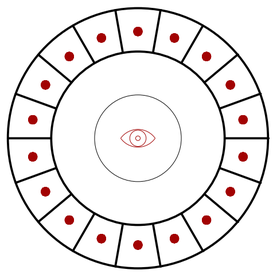
Avant XVIII[e] siècle



Collectif

Mise en ordre

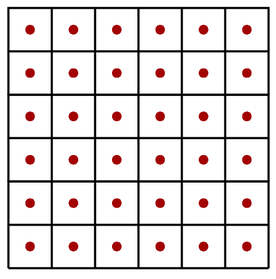
Panoptique



Contrôle

Individualisation stricte

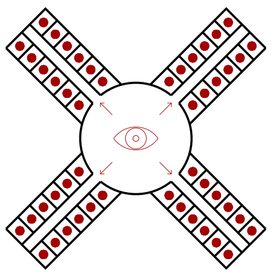
Pennsylvanien



Isolement à grande échelle

Centralisation

Radial

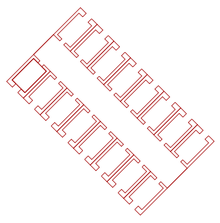


Synthèse

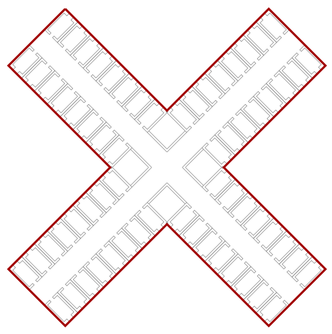
La prison radiale : principes fondamentaux

La cellule

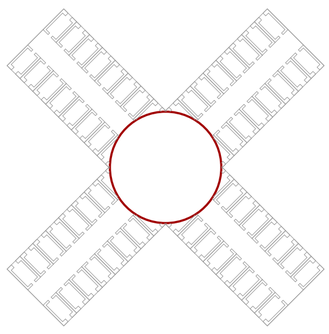
La répétition



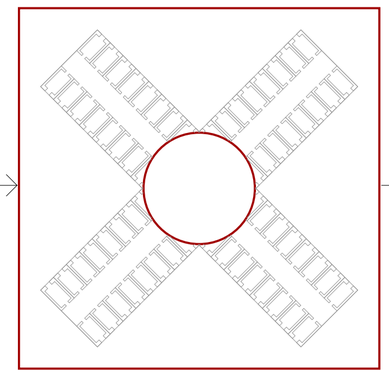
Le rayonnement



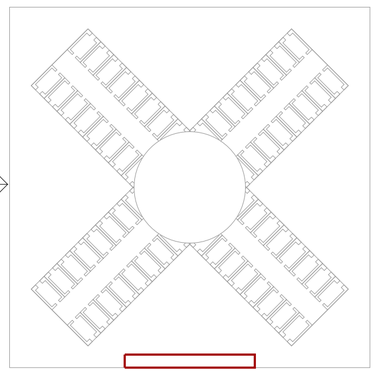
La centralité



L'enceinte



Les bâtiment à rue

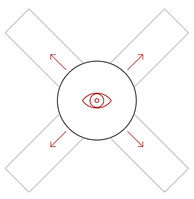


Le modèle radial : variantes

Le programme du centre

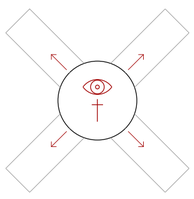
Circulation

Surveillance



Circulation

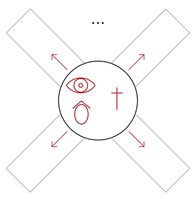
Surveillance et croyance



Circulation

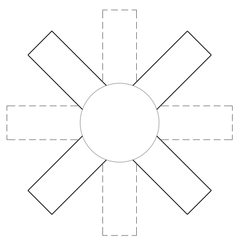
Surveillance

...

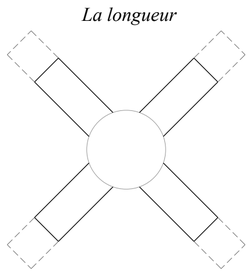


Les ailes

Le nombre



La longueur

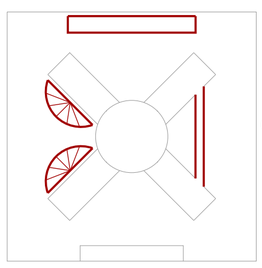


Les interstices

Bâtiments annexes

Préaux

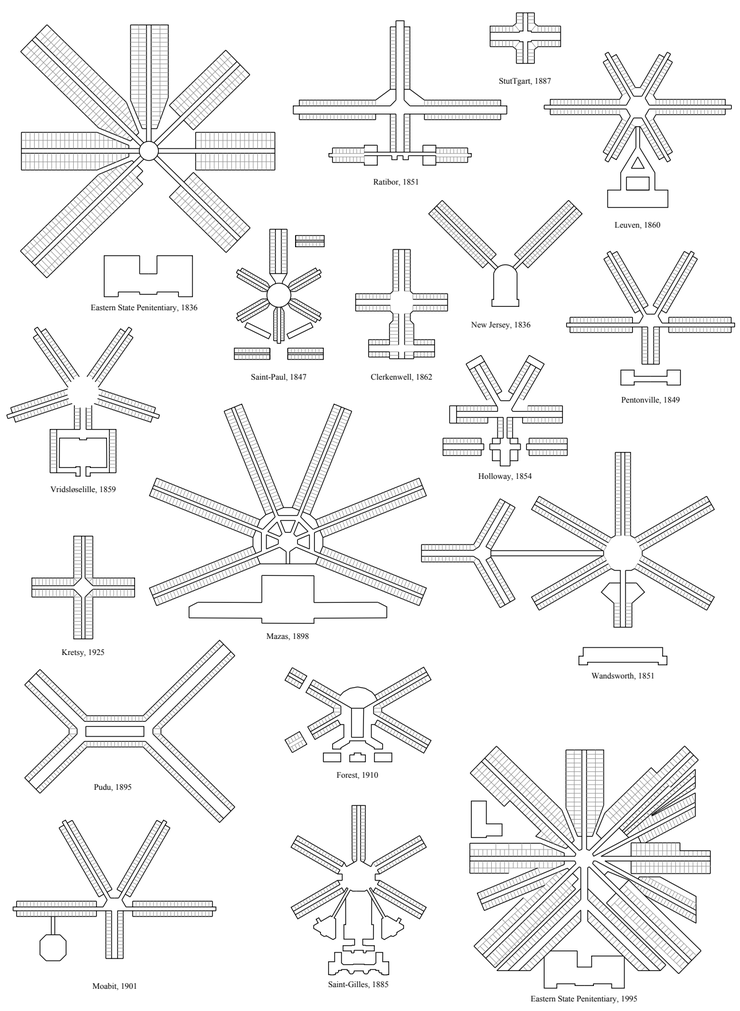
Connexions



Le style

Façades libres

Exemples de typologies cellulaires radiales à travers le monde



Quel avenir pour les prisons cellulaires radiales urbaines face à la crise de l'accessibilité au logement ?

Publics dans le besoin

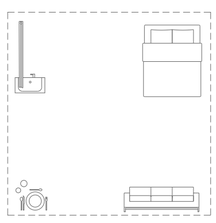
Personnes seules

Jeunes ménages

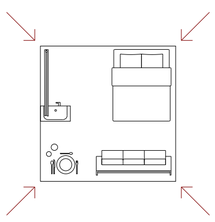
Familles

Types de logements

Taille



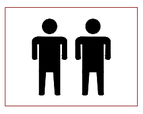
Optimiser



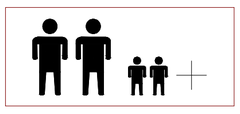
Capacité

Studio

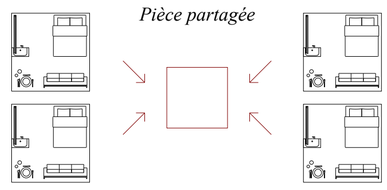
1 chambre



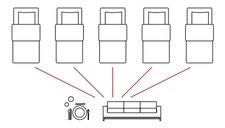
Familial



Flexibilité



Cohabitation



Equipements

Partager

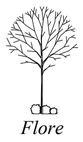
Travailler

Entretenir

Cuisiner

Rencontrer

Extérieurs



Flore

Cultiver

Faune

Distraction

Quartier

Commercer

Restaurer

Végétaliser

Partager

Recherche théorique

UCLouvain

LOCI Bruxelles Louvain-la-Neuve Tournai — Faculté d'architecture d'ingénierie architecturale d'urbanisme

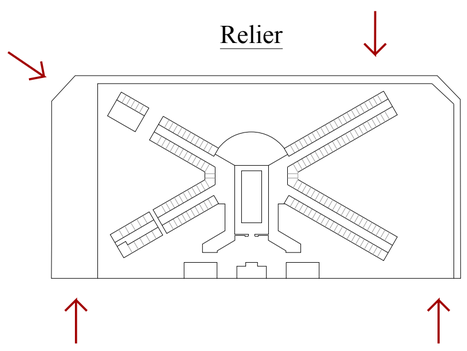
Quel avenir pour les prisons cellulaires radiales urbaines face à la crise de l'accessibilité au logement ?
LBARC2295 - Atelier de recherche : Patrimoine
VANDENBROUCKE David - GILLIS Christophe - MONTULET Thomas

DEBOUCHE Maximilien
2025-2026

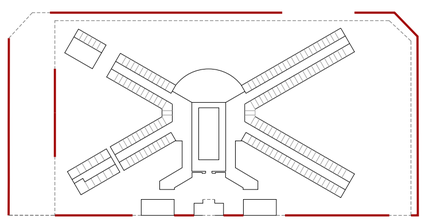
Transformer la logique carcérale en logique d'habiter

Connecter

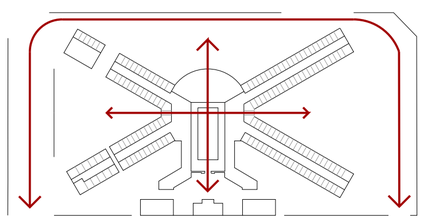
Relier



Ouvrir

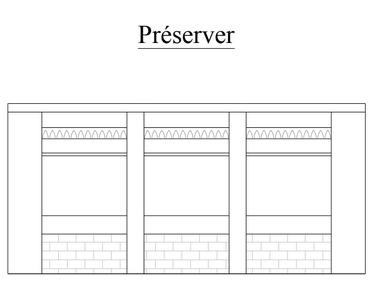


Circuler dans le site

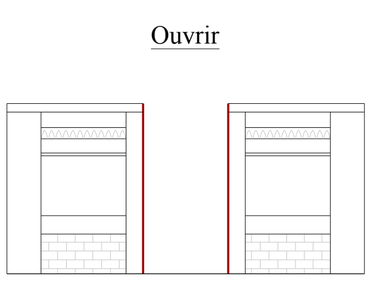


Travailler le mur d'enceinte

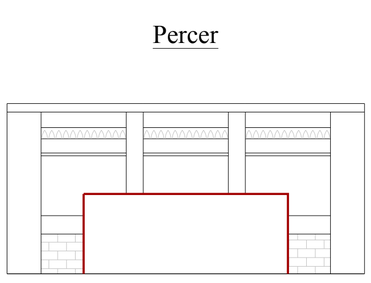
Préserver



Ouvrir

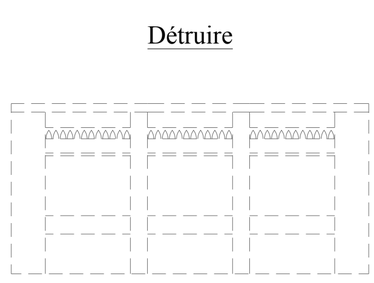


Percer



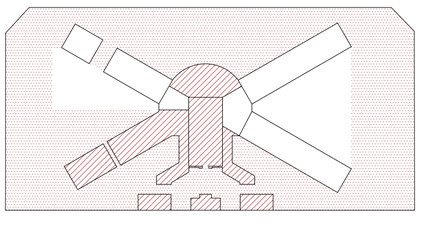
Mettre en trace

Détruire

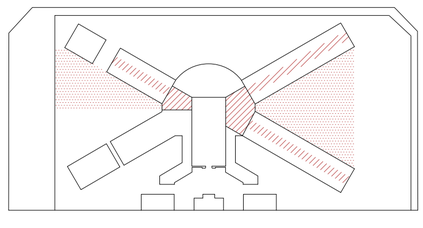


Hiérarchiser

Public



Collectif



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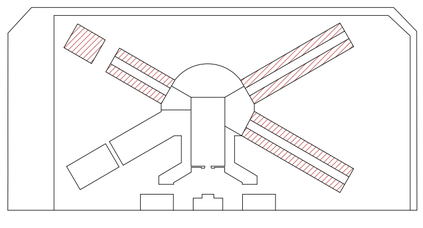
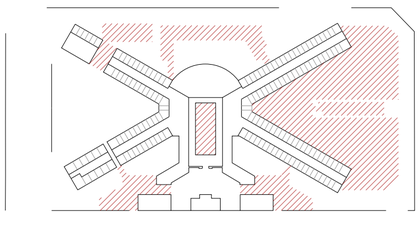
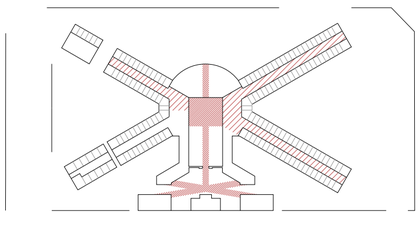


Organiser

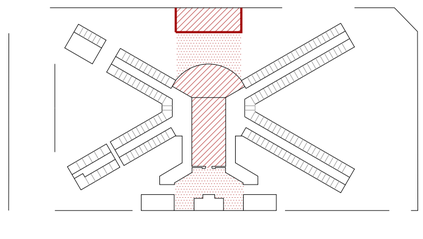
Evider



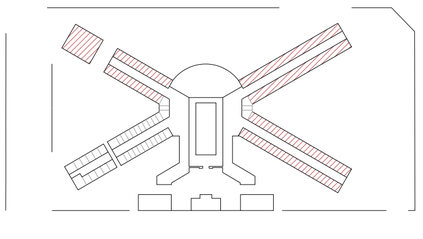
Distribuer



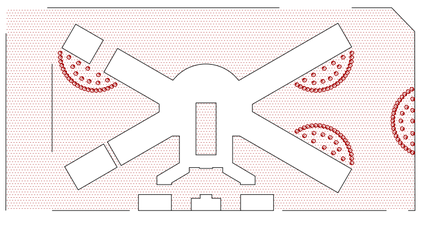
Activer



Habiter

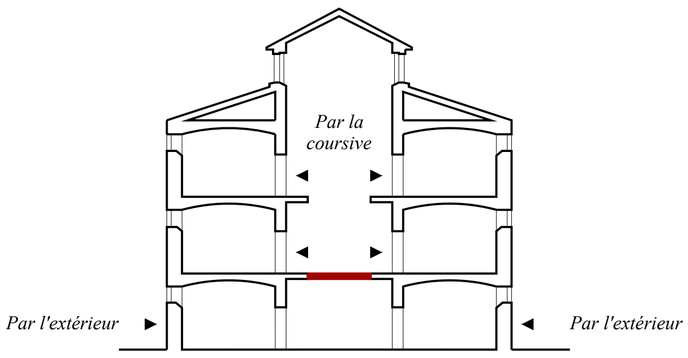


Végétaliser

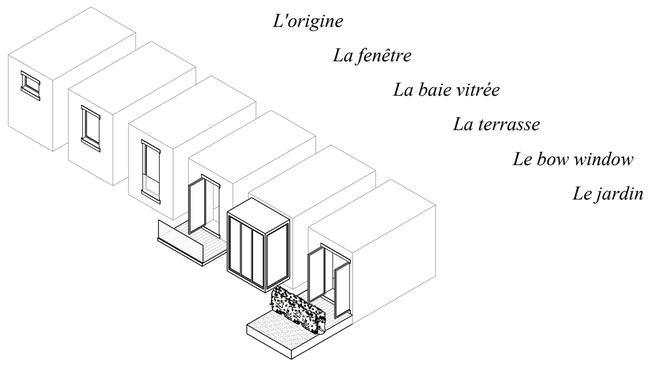


Habiter

Accéder à son logement

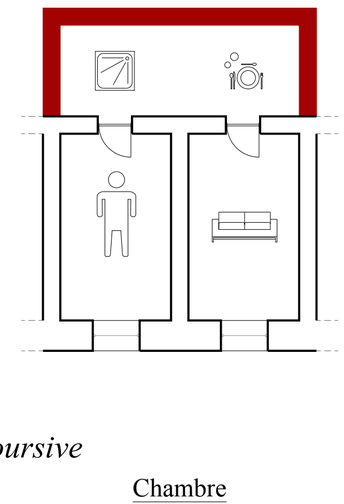


Ouvrir les cellules

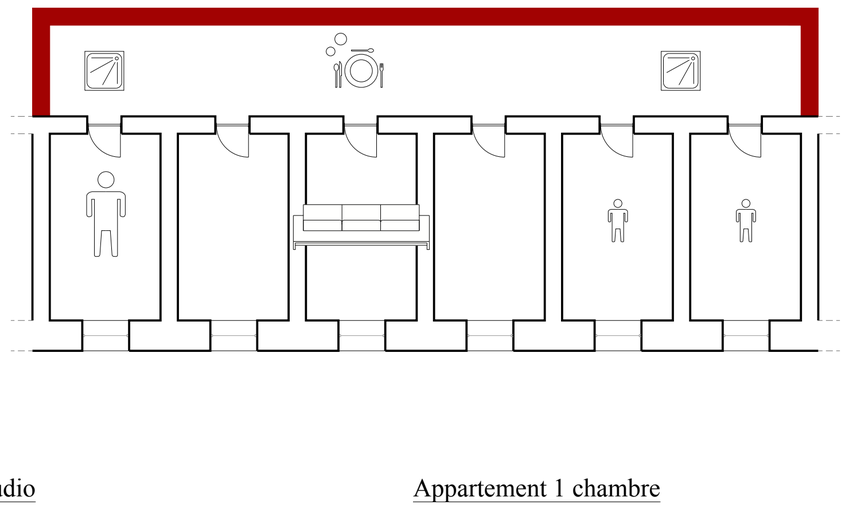


Accès par l'extérieur

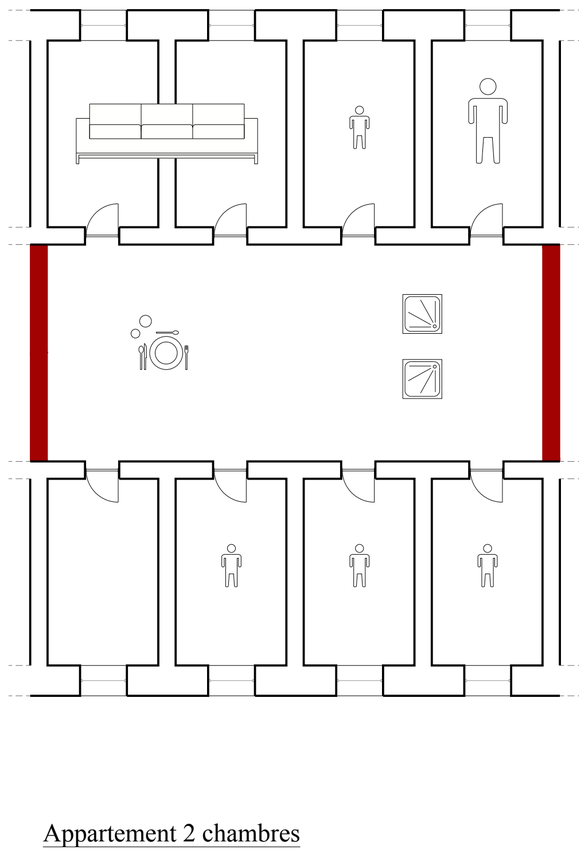
Appartement 1 chambre



Appartement 3 chambres



Appartement 5 chambres

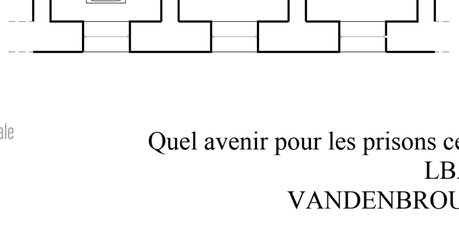


Accès par la coursive

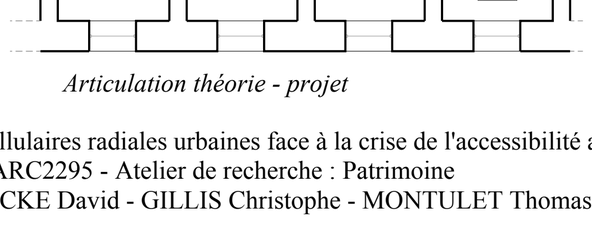
Joker

Chambre

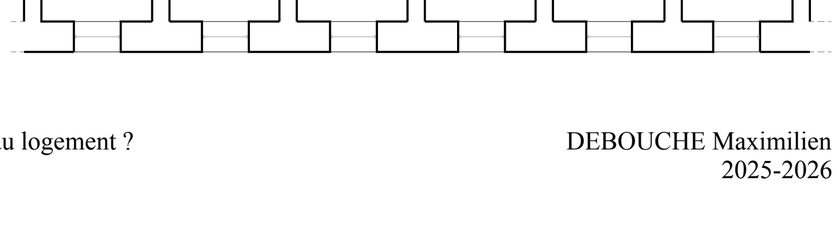
Studio



Appartement 1 chambre



Appartement 2 chambres



Articulation théorie - projet

UCLouvain
LOCI Bruxelles Louvain-la-Neuve Tournai
Faculté d'architecture d'ingénierie architecturale d'urbanisme

Quel avenir pour les prisons cellulaires radiales urbaines face à la crise de l'accessibilité au logement ?
LBARC2295 - Atelier de recherche : Patrimoine
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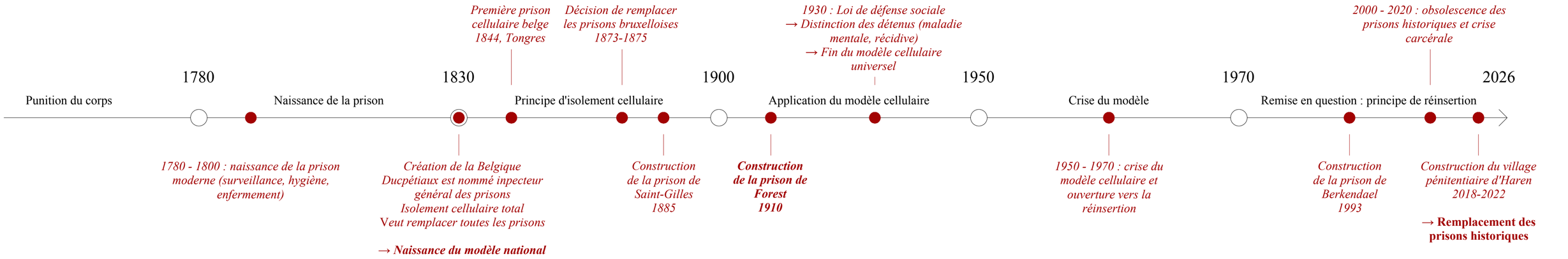
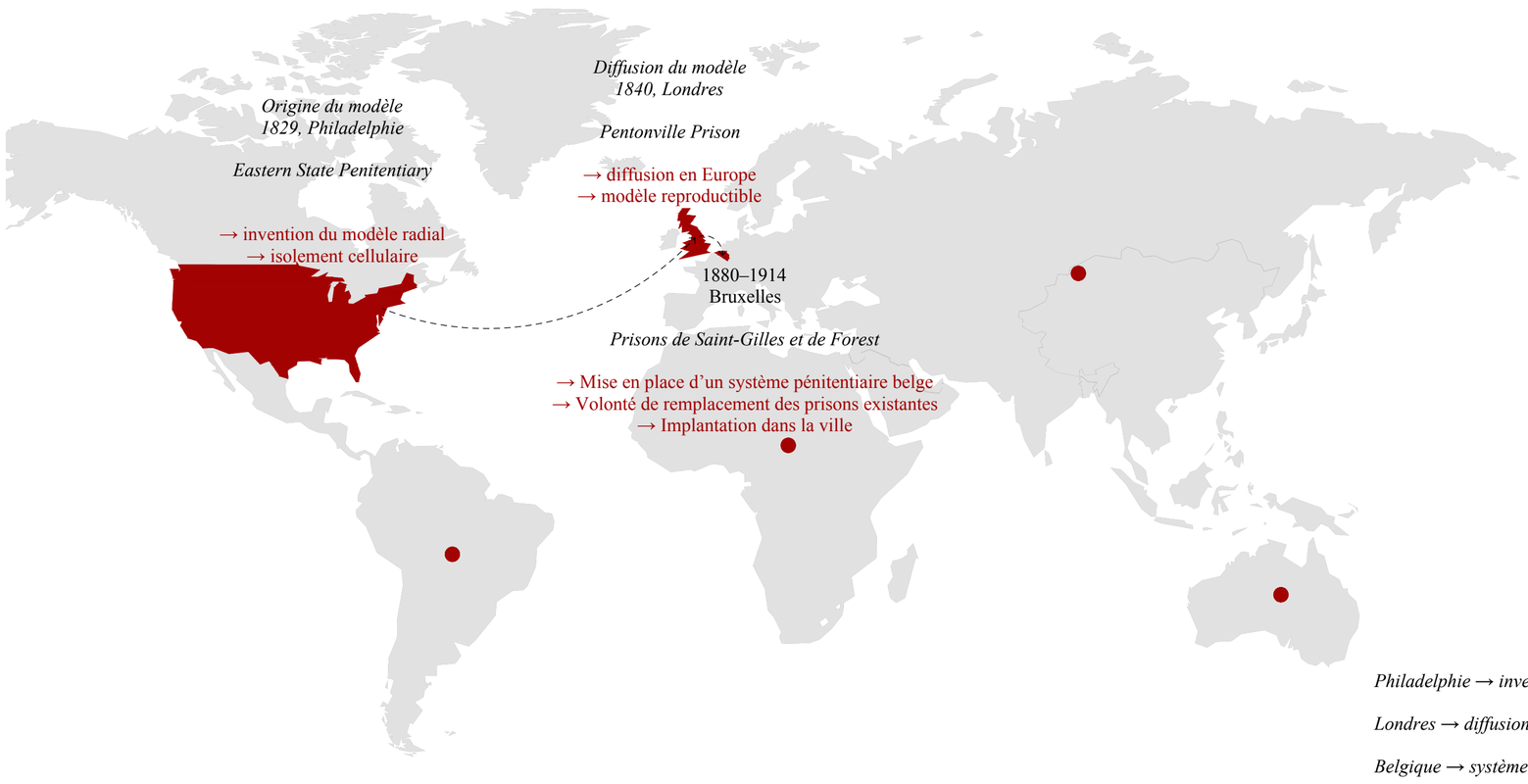
DEBOUCHE Maximilien
2025-2026

Contexte historique et diffusion du modèle cellulaire radial jusqu'à Forest

Contexte historique et urbain



Diffusion du modèle radial jusqu'a Forest



Philadelphie → invention

Londres → diffusion

Belgique → système national

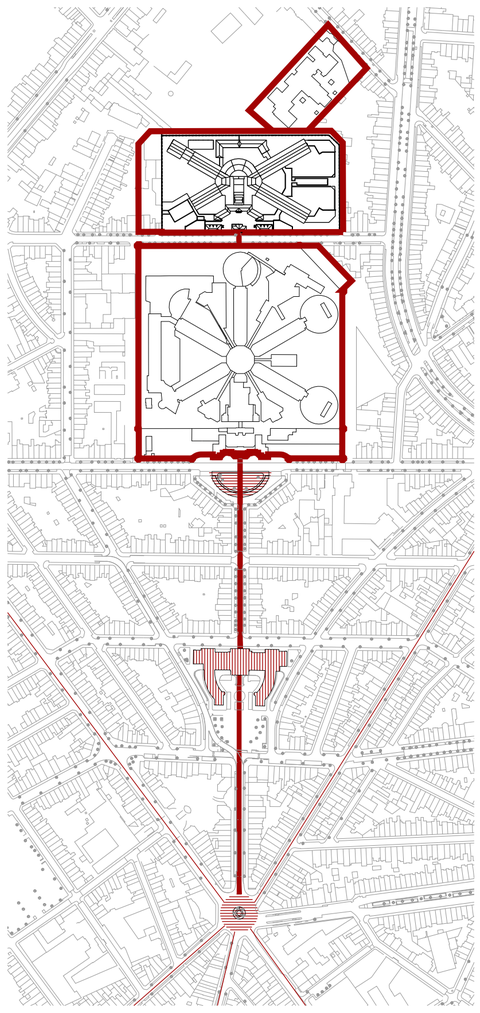
Bruxelles → implantation urbaine

Forest → application locale

Monde → diffusion globale

Structuration du quartier par les institutions

Volonté de rationaliser et centraliser le système carcéral



Prison de Berkendael

1987 - 1989

Prison de Forest

1910

Prison de Saint-Gilles

1878 - 1884

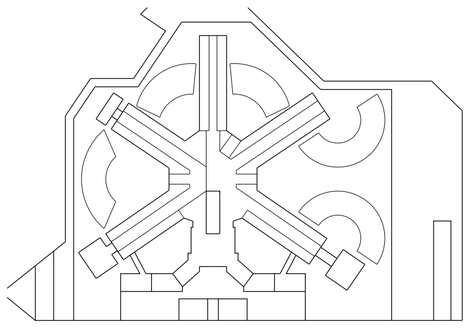
Hôtel de ville de Saint-Gilles

1900 - 1904

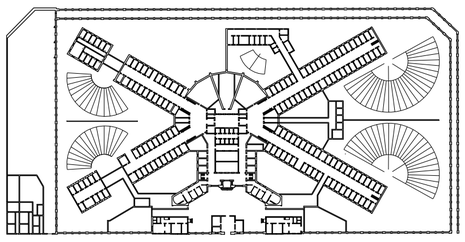
Parvis de Saint-Gilles

Evolution du site

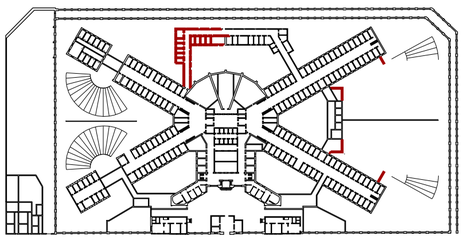
Avant-projet - non daté (~1875)



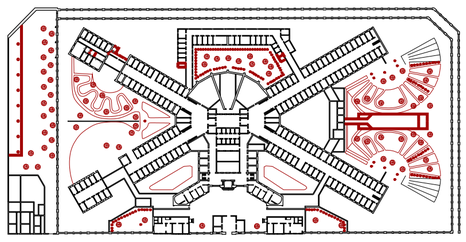
Construction 1910



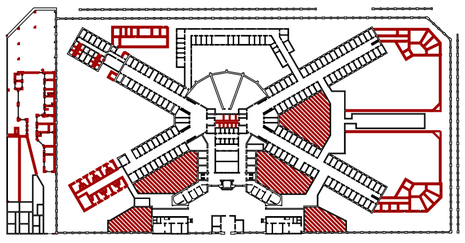
Situation 1929



Situation 1948

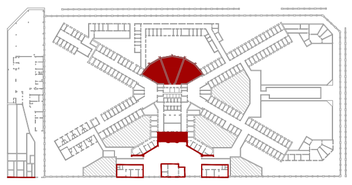


Situation 2004

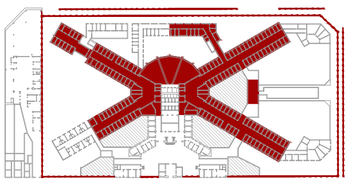


Objectiver le patrimoine

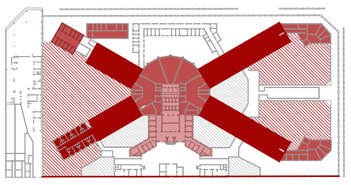
Architectural



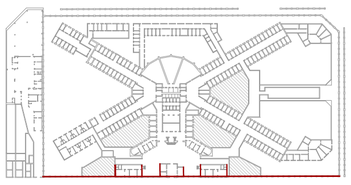
Historique



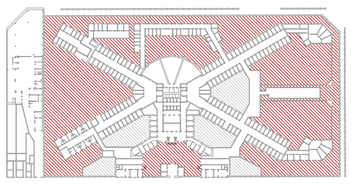
Social



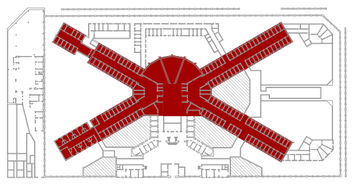
Urbain



Paysager

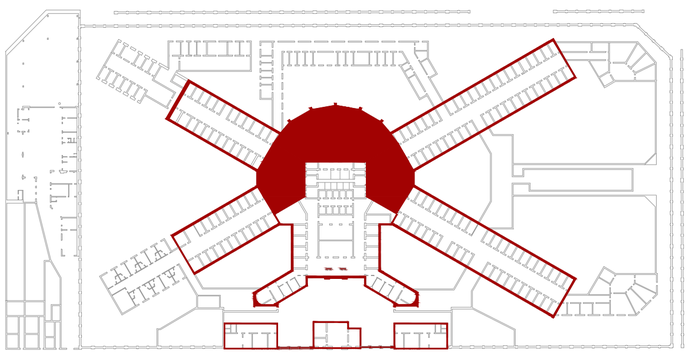


Typologique



Synthèse patrimoniale

☆☆☆



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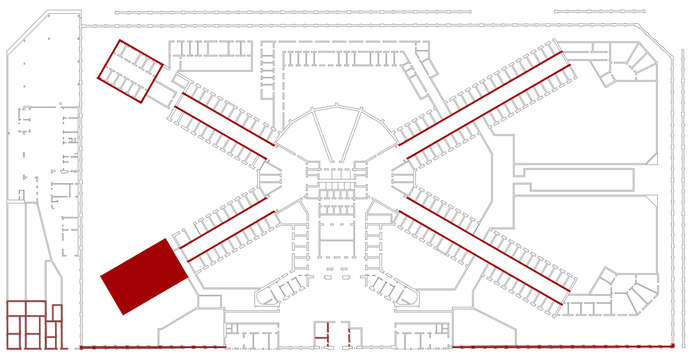

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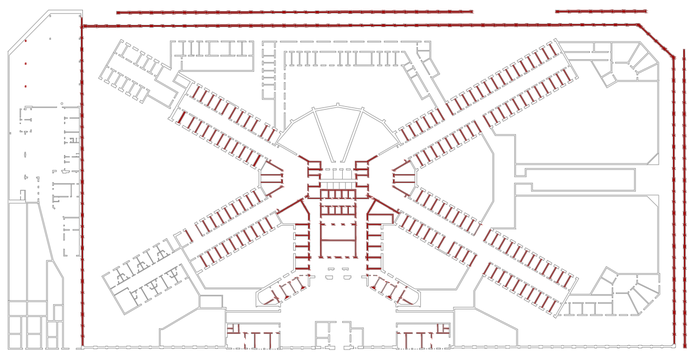

Analyse historique

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LOCI Bruxelles Louvain-la-Neuve Tournai
Faculté d'architecture d'ingénierie architecturale d'urbanisme

Quel avenir pour les prisons cellulaires radiales urbaines face à la crise de l'accessibilité au logement ?
LBARC2295 - Atelier de recherche : Patrimoine
VANDENBROUCKE David - GILLIS Christophe - MONTULET Thomas

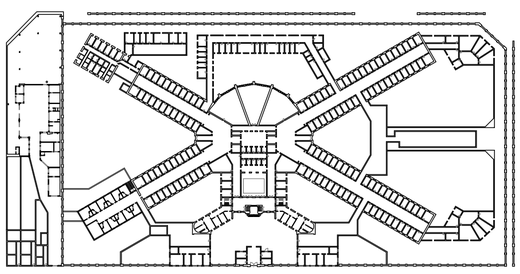
DEBOUCHE Maximilien
2025-2026

Révéler et transformer la structure carcérale

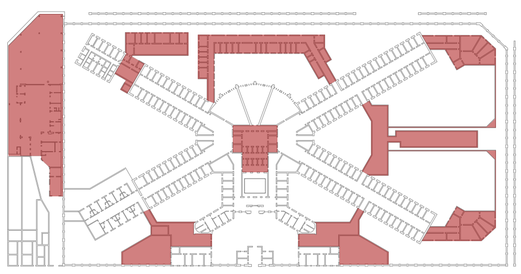
Agir sur le site

Transformer une structure carcérale fermée en un système ouvert et habitable,
en révélant ses qualités tout en adaptant ses limites.

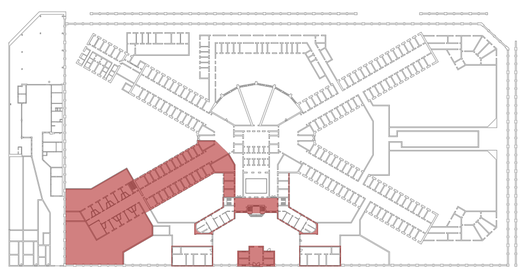
Situation actuelle



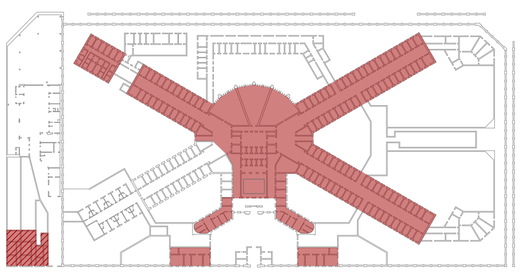
Zones démolies



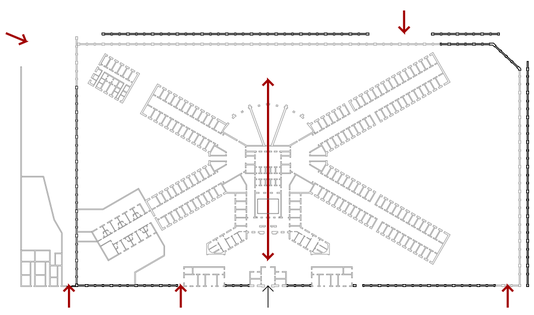
Zones inchangées



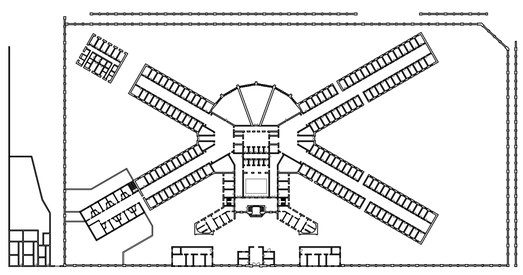
Zones à transformer



Accès crées



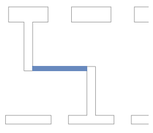
Synthèse



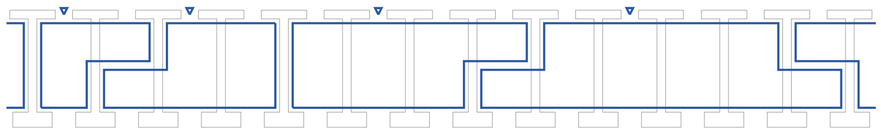
Habiter avec la trame cellulaire

Ouvrir

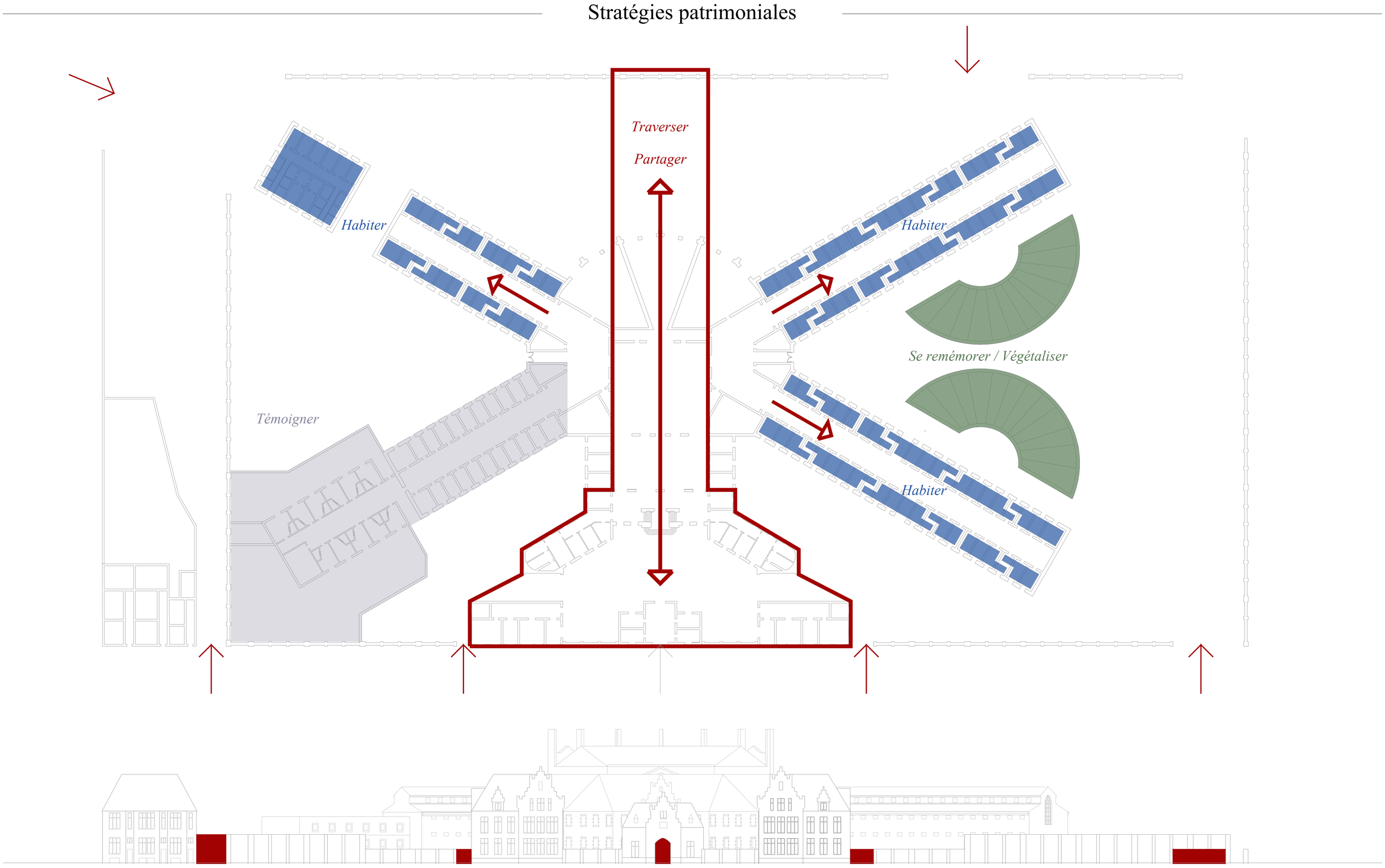
Scinder



Regroupement



Stratégies patrimoniales



Démarche patrimoniale

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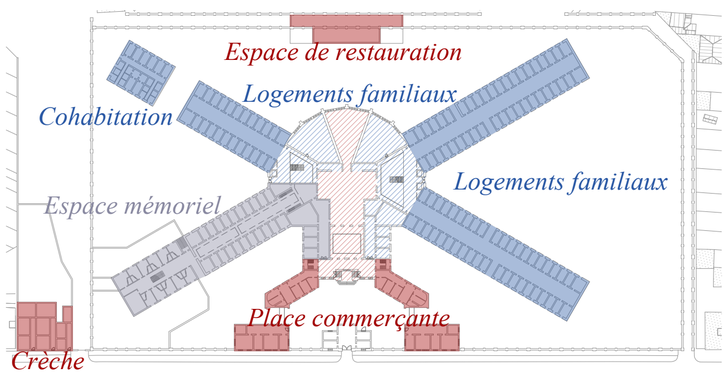
DEBOUCHE Maximilien
2025-2026

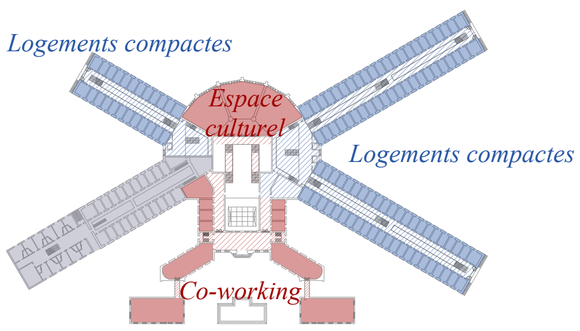
Vivre avec la prison de Forest

Programme

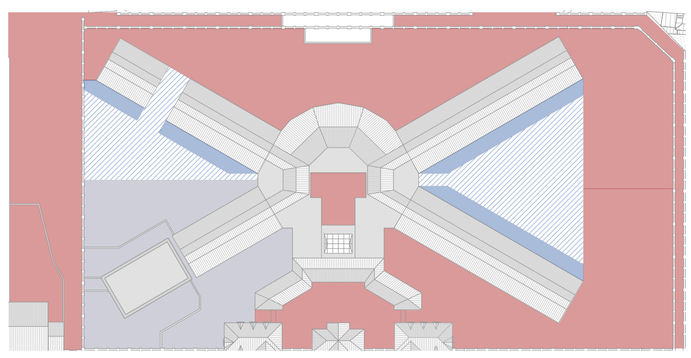
Rez de chaussée



Niveaux supérieurs

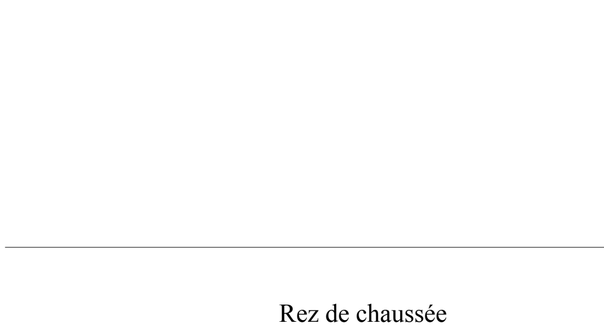


Extérieurs

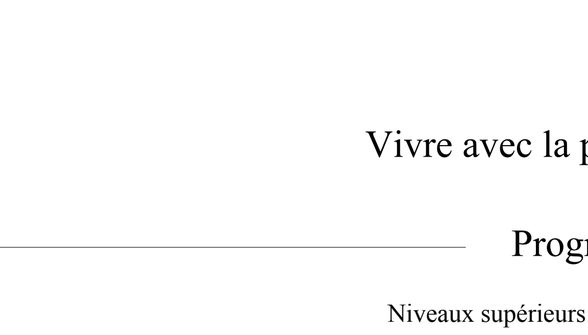


Circuler

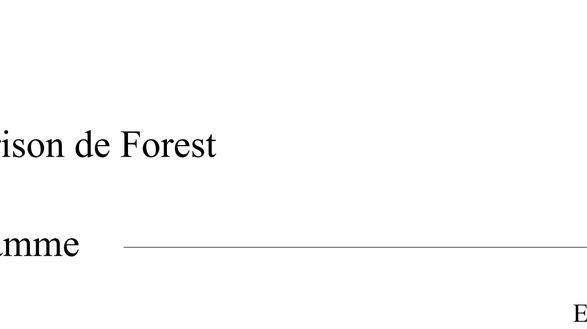
Public



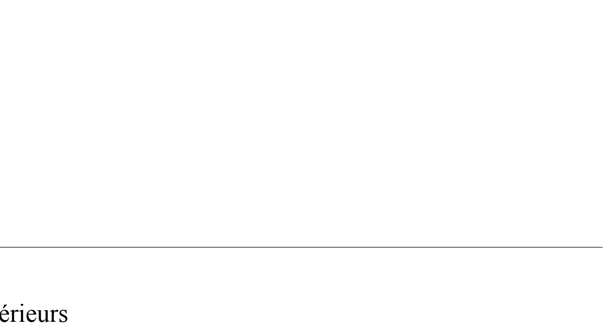
Collectif



Privé



Pompier



Habiter

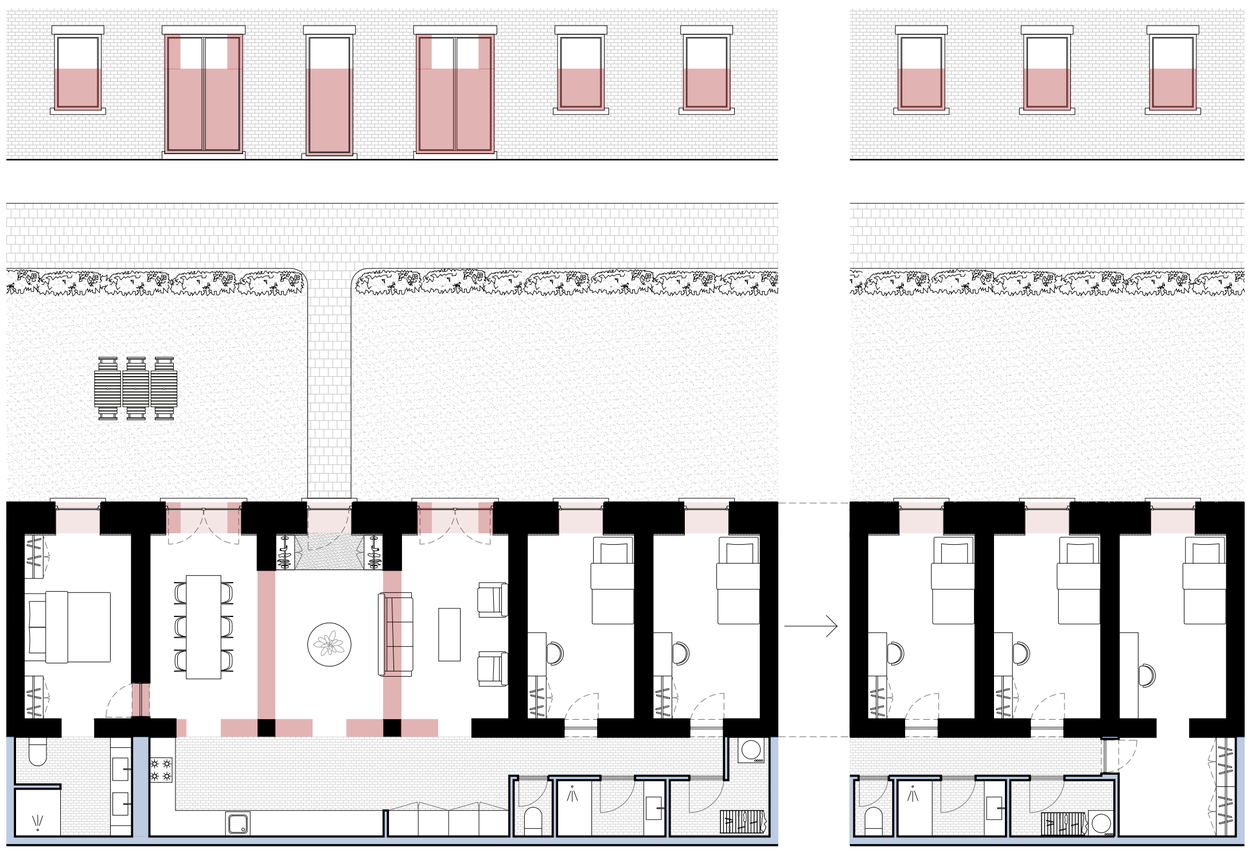
Le rez-de-chaussée

Appartement 3 chambres
105m²

Extension 4 chambres
120 m²

Appartement bout d'aile 4 chambres
140m²

Configuration
5 chambres



L'étage

Chambre individuelle
17.5m²

Petit appartement 1 chambre
29 m²

Appartement 1 chambre
40m²

Appartement 2 chambres
57.5m²

Démarche conceptuelle

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Le quartier
1.1000

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2025-2026

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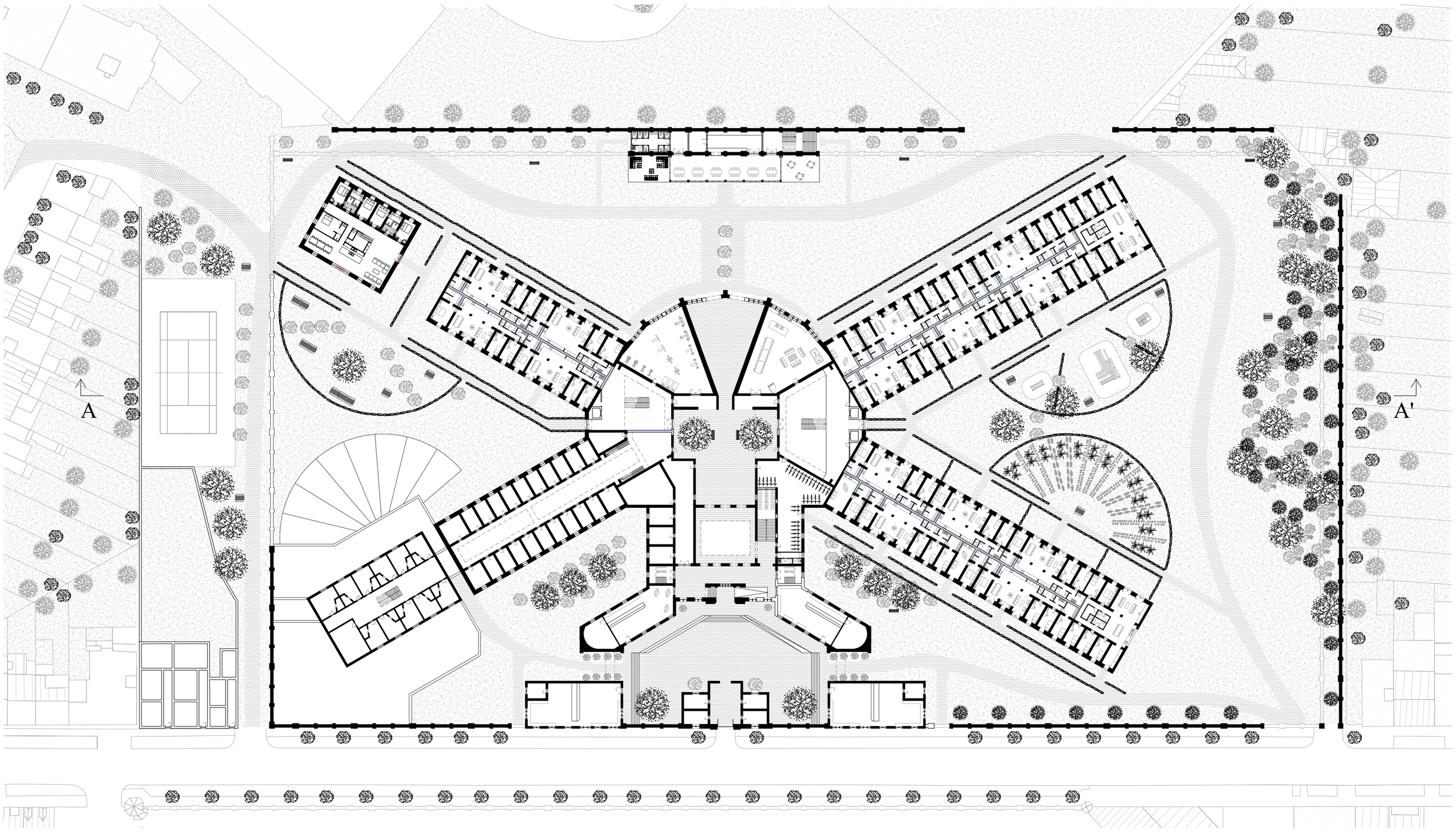
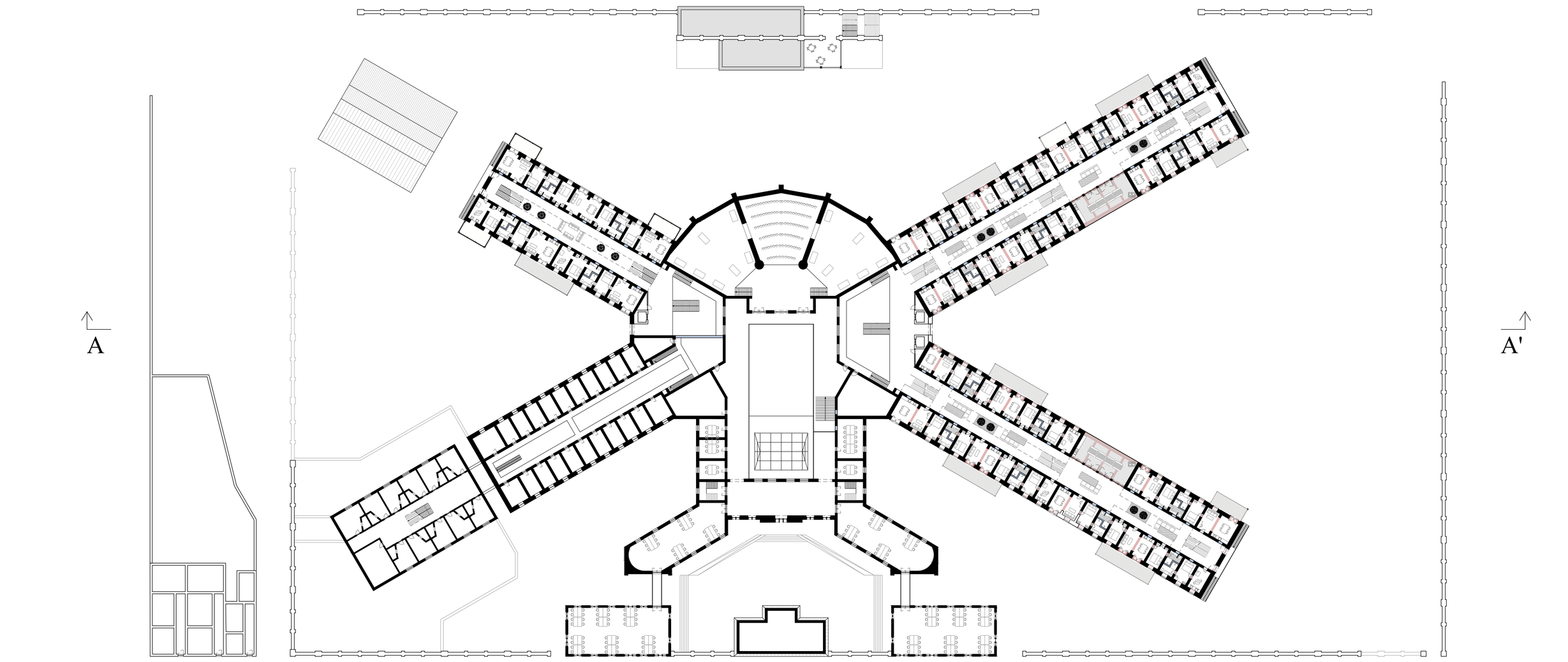
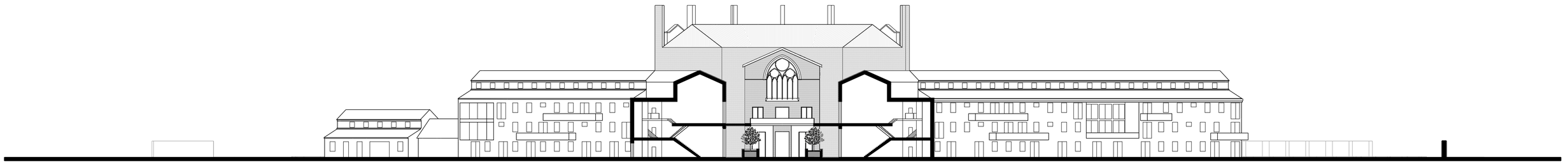
Plan rez-de-chaussée



Plan premier étage



Coupe AA'



Elévation Avenue de la Jonction

UCLouvain

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Le bâtiment
1.500

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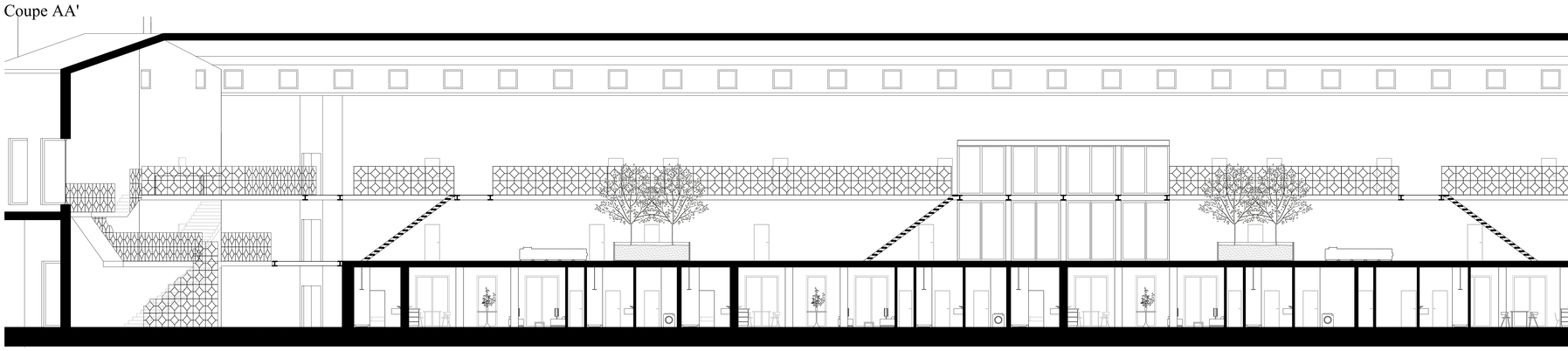
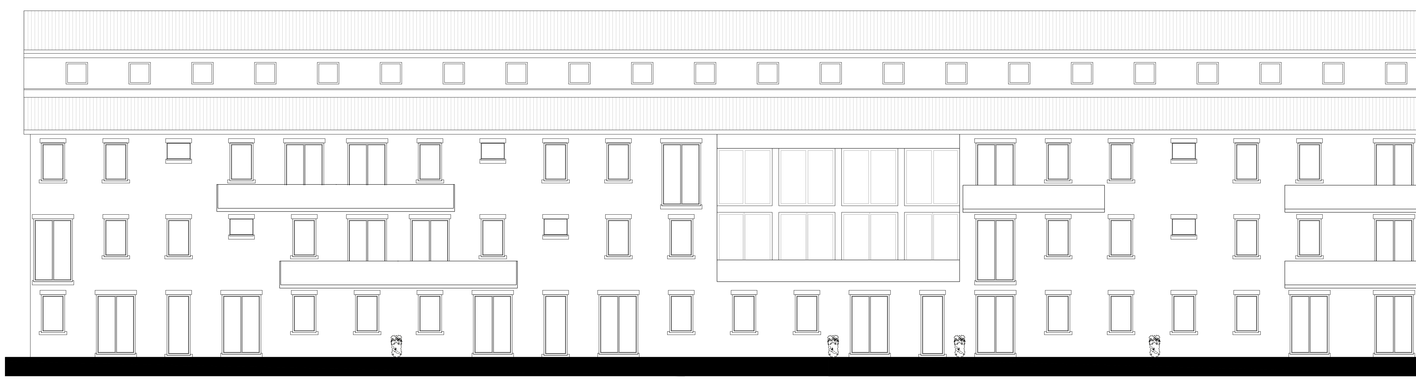
2025-2026

VANDENBROUCKE David - GILLIS Christophe - MONTULET Thomas

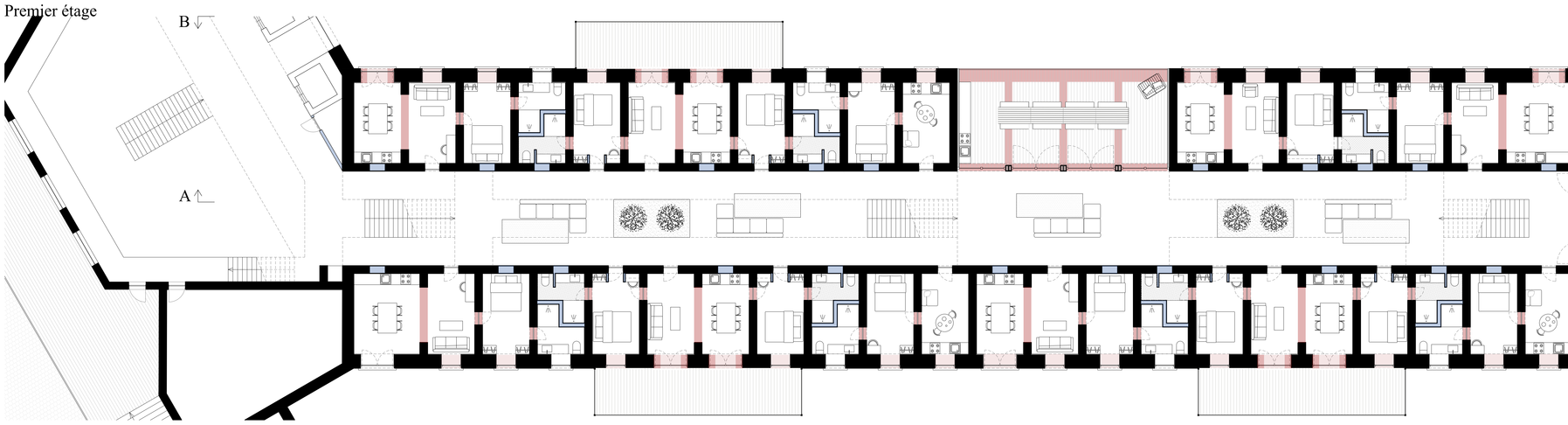
Coupe AA'



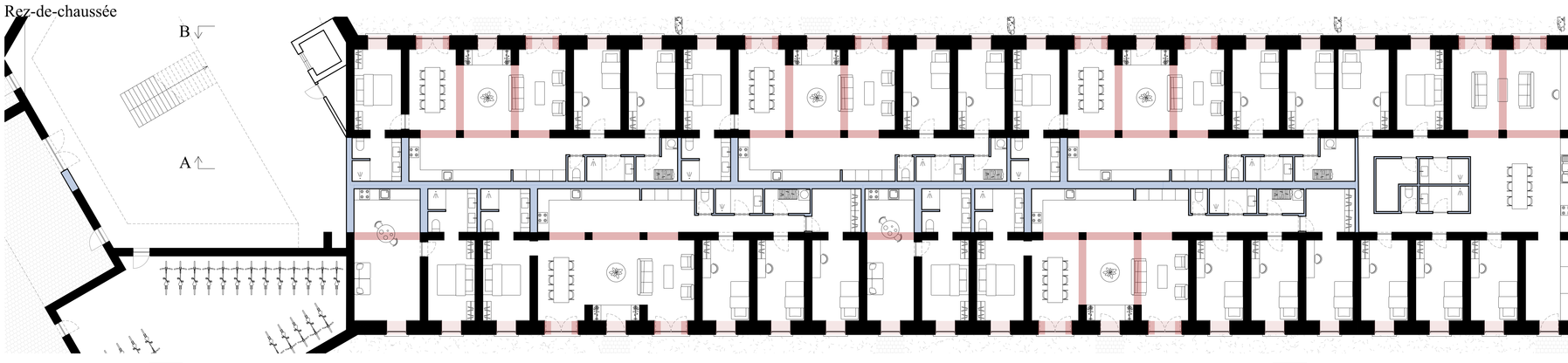
Élévation BB'



Premier étage



Rez-de-chaussée



La construction
1.35

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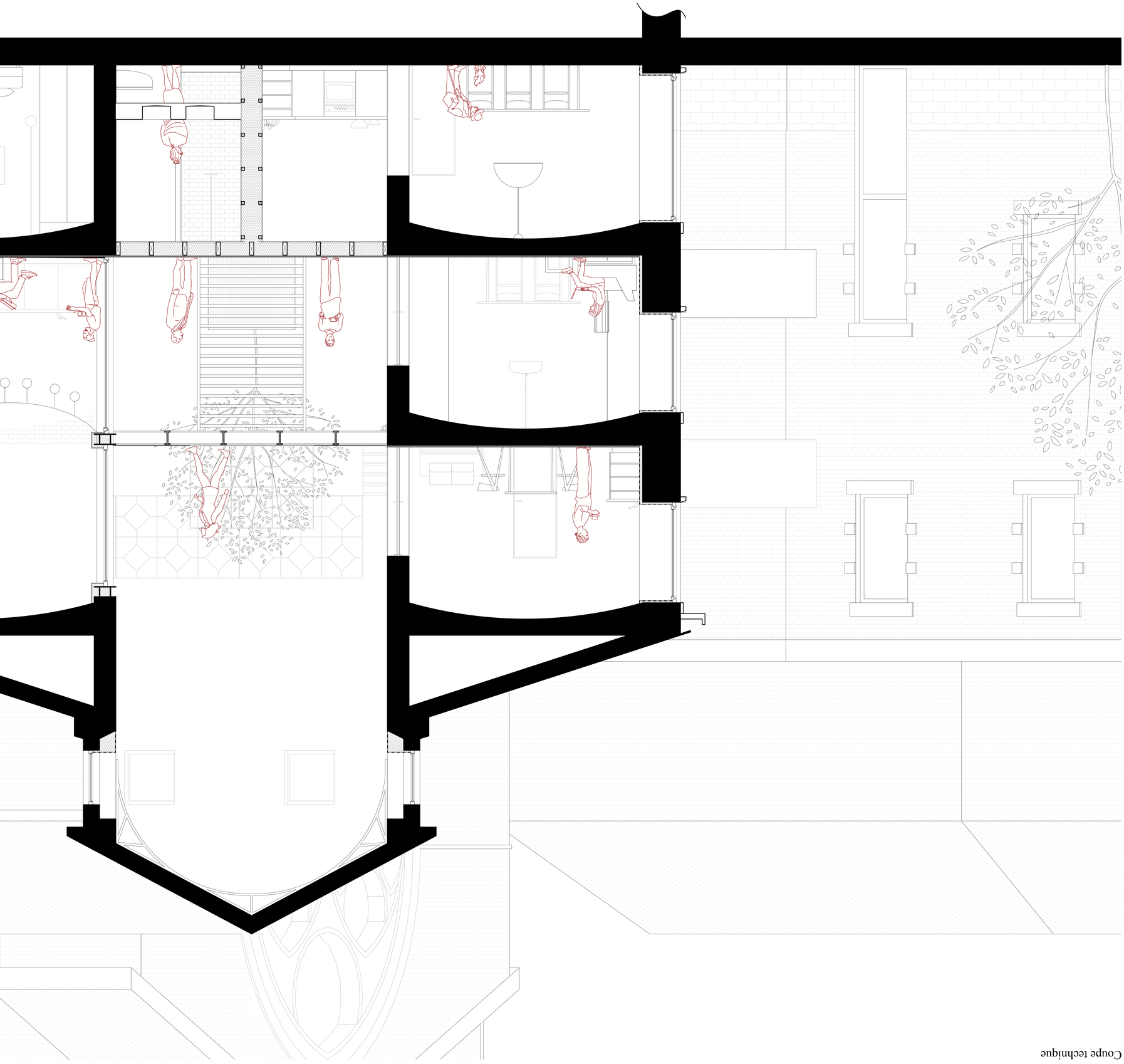

Coupe technique

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L'ambiance

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