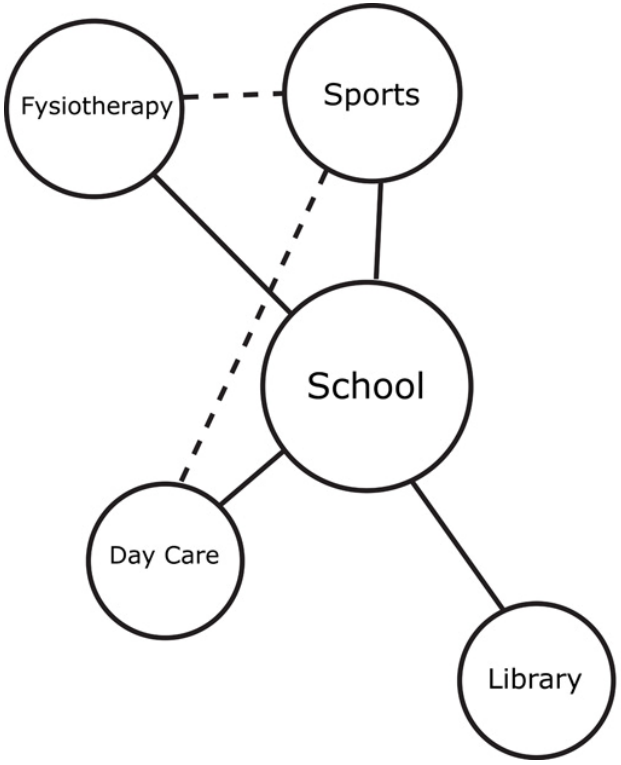
P5 Joost Lauppe
'Het open Gymnasium'
studio: Interiors; Buildings; Cities

. O n d e r z o e k

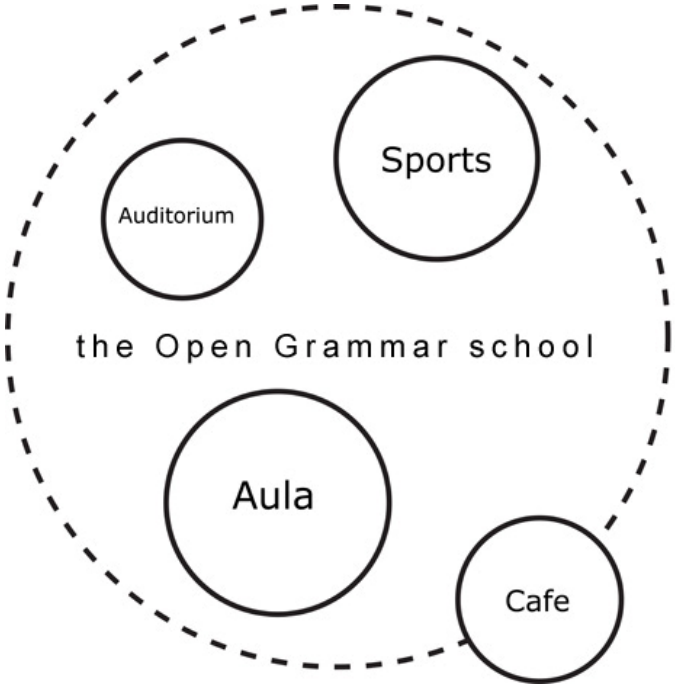
Barlaeus Gymnasium, Amsterdam

. O n d e r z o e k



Brede School

. O n d e r z o e k



Open Gymnasium

. O n d e r z o e k

Hoe kan een effectief gebruik door buitenstaanders meegenomen worden in het ontwerp voor het nieuwe gymnasium.

. O n d e r z o e k

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Door zijn specifieke architectuur moet het Open Gymnasium beter in staat zijn om buitenstaanders toe te laten terwijl het de controle over zijn verschillende functies behoudt.

. O n d e r z o e k

Floraparkbad, Amsterdam Noord

. O n d e r z o e k

Floraparkbad, Amsterdam Noord

. O n d e r z o e k

Het zwembad. **Een speelplaats waar sociale relaties en menselijk gedrag worden bloot gelegd.**

. O n d e r z o e k

Waar ooit water was.

Zeer herkenbaar door materiaal, ruimte en geluid.

. O n d e r z o e k

Hoe kan ik de specifieke kwaliteiten van het zwembad behouden, en ze opnemen in het nieuwe gymnasium?

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De lege baden geven hun architectonische kwaliteiten prijs die tot dan toe verborgen waren onder water.

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Het herkennen van de specifieke kenmerken van de baden binnen een compleet andere typologie zorgt bij de gebruiker voor een gevoel van vervreemding, en geeft de school zijn bijzondere karakter.

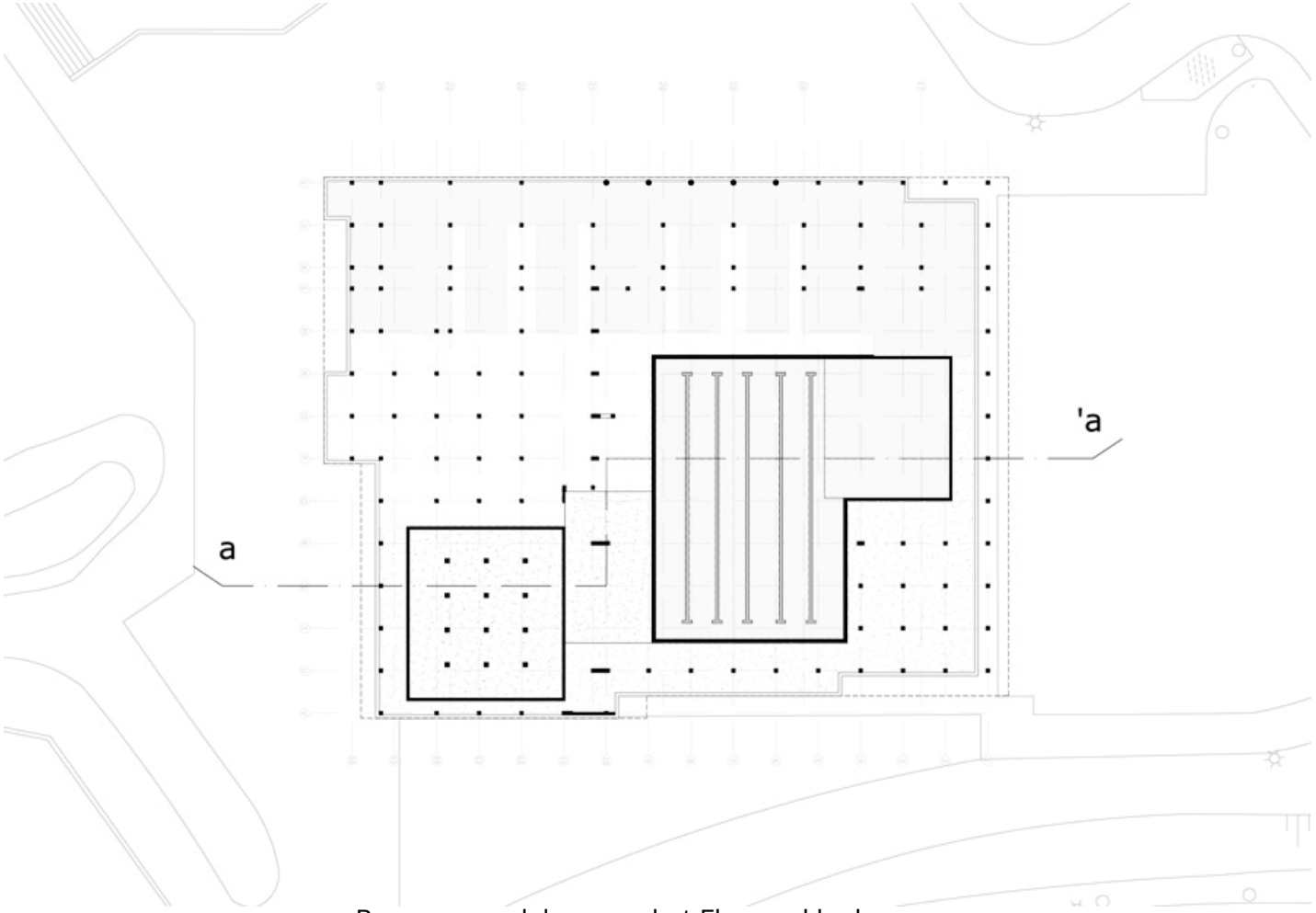
. O n d e r z o e k

Dus…. Wat is mijn ontwerpbenadering ten opzichte van de oude zwembaden?

. O n d e r z o e k

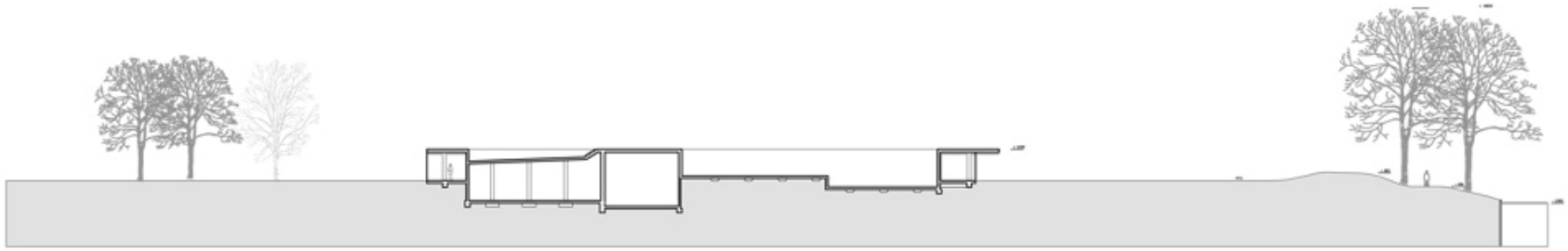
Ruines van Ani , Latin Abnicum, Turkije door EarthlingPlus

. O n d e r w e r p



Begane grondvloer van het Floraparkbad

. O n d e r w e r p



Doorsnede a - ’a: **Betonnen plint +3250**

. O n d e r w e r p

Onder het Floraparkbad

. O n d e r w e r p

Onder het Floraparkbad

. Onderwerp

Onder het Floraparkbad

. C o n t e x t

Noorderpark, Amsterdam Noord

. C o n t e x t

Zwembad terrein

. C o n t e x t

Locatie

. C o n t e x t

Locatie

. C o n t e x t

Floradorp

. C o n t e x t

Floradorp

. C o n t e x t

Florabuurt

. C o n t e x t

. C o n t e x t

. C o n t e x t

. C o n t e x t

. C o n t e x t

. C o n c e p t

Programma: 4e gymnasium

. C o n c e p t

- 750 Leerlingen
- Totaal BVO: 6370 m2

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Hiervan is **1965 m2** gereserveerd voor klaslokalen (**31 %** van het totaal)

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976 m2 voor gemeenschappelijke ruimtes

. C o n c e p t

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976 m2 voor gemeenschappelijke ruimtes

326 m2 voor docentenruimtes

. C o n c e p t

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Hiervan is **1965 m2** gereserveerd voor klaslokalen (31 % van het totaal)

976 m2 voor gemeenschappelijke ruimtes

326 m2 voor docentenruimtes

910 m2 voor het gymgebouw

. C o n c e p t

Sleutelwoorden:

Dorpsplein

Knushoek

Cultuur

Klassiek & Modern

Open

Aan het water

Naar buiten gericht

Ontmoeting en integratie

. C o n c e p t

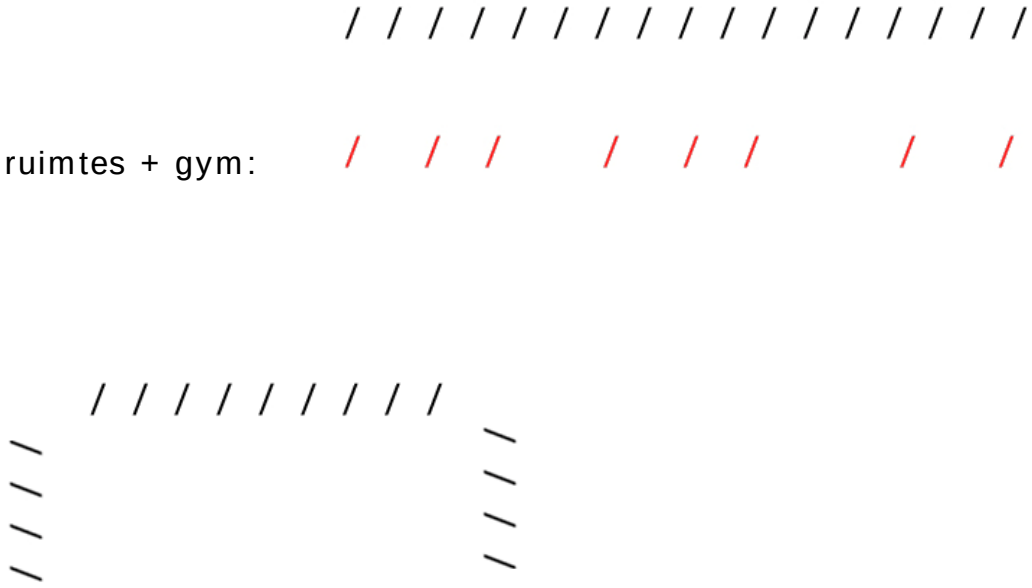
Klaslokalen:

Gemeenschappelijke ruimtes + gym:

. C o n c e p t

Klaslokalen:

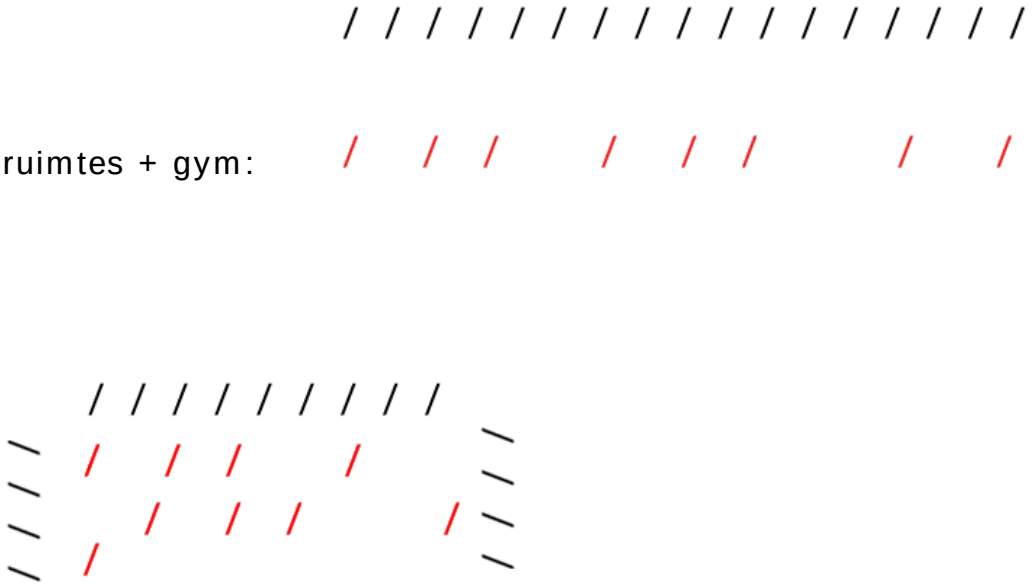
Gemeenschappelijke ruimtes + gym:



. C o n c e p t

Klaslokalen:

Gemeenschappelijke ruimtes + gym:



. C o n c e p t

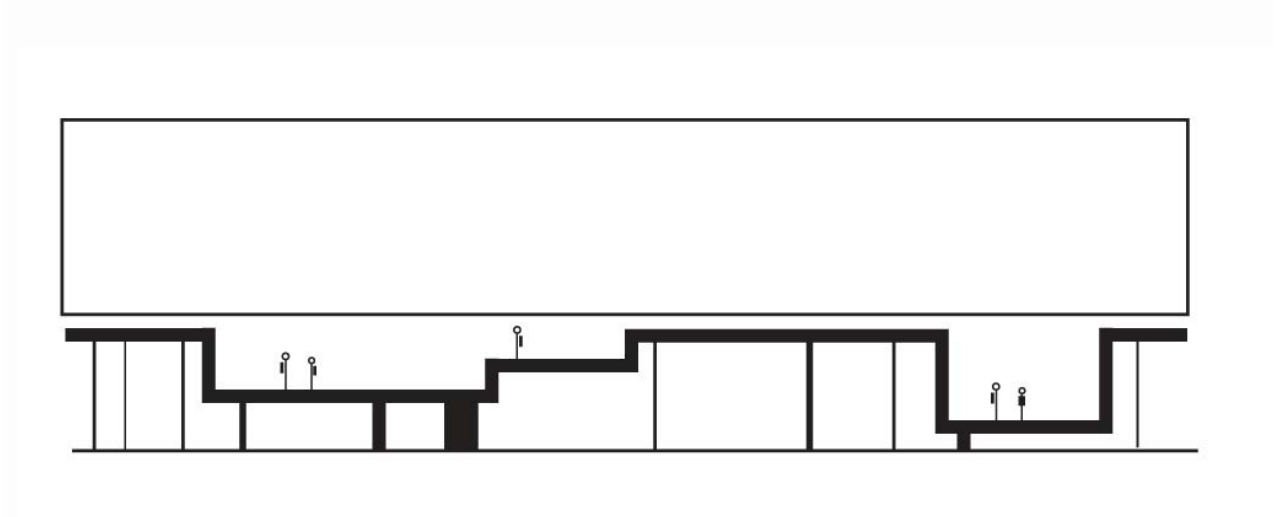


Diagram met ontwerpbenadering: **p2**

. C o n c e p t

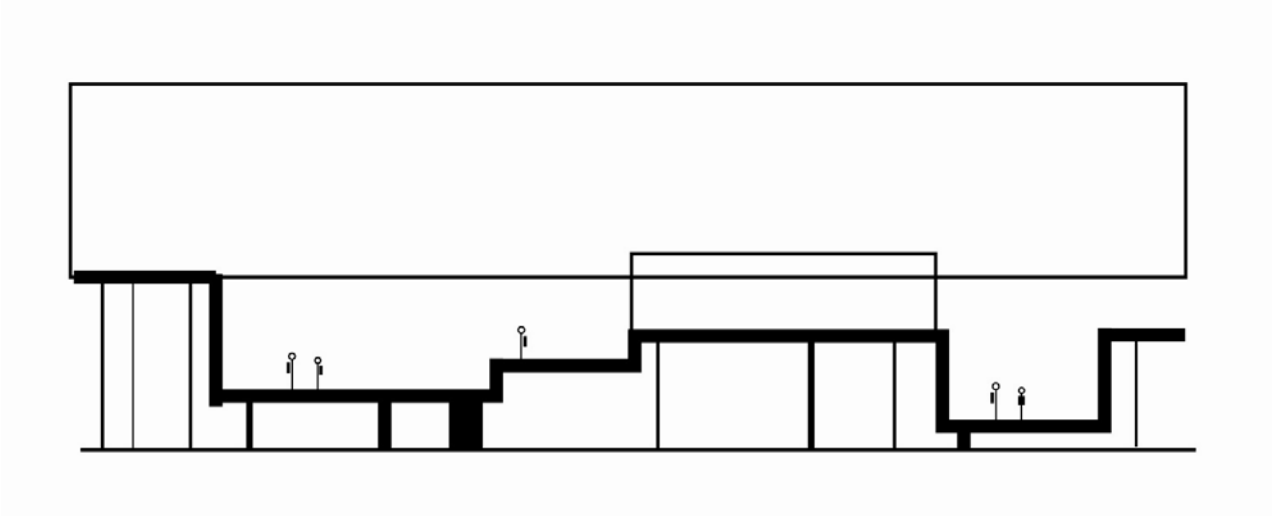


Diagram met ontwerp benadering: **Optillen van onderwijsvolume**

. C o n c e p t

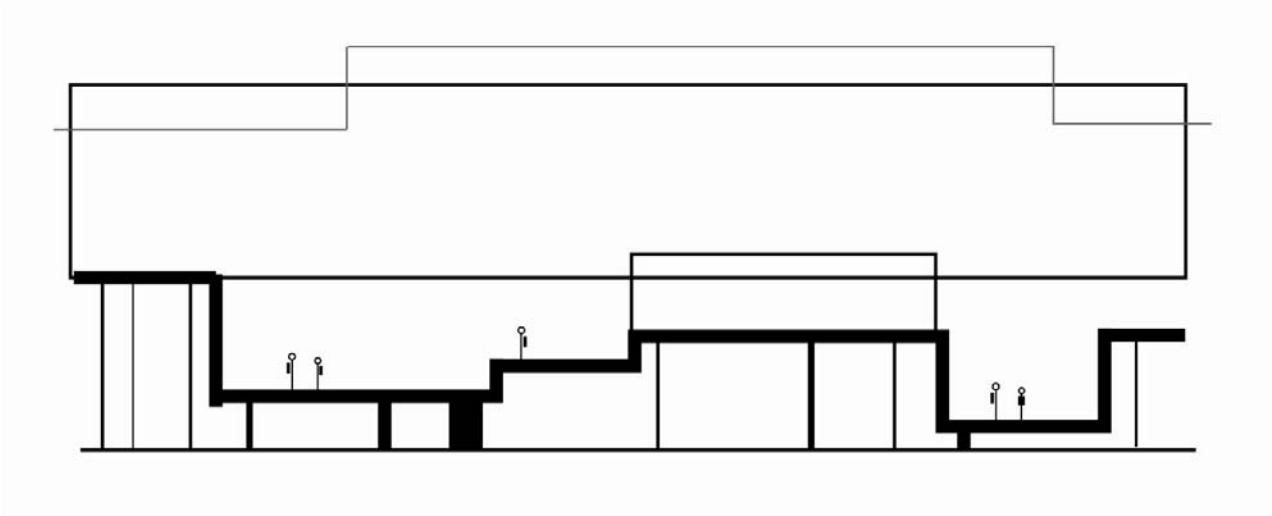
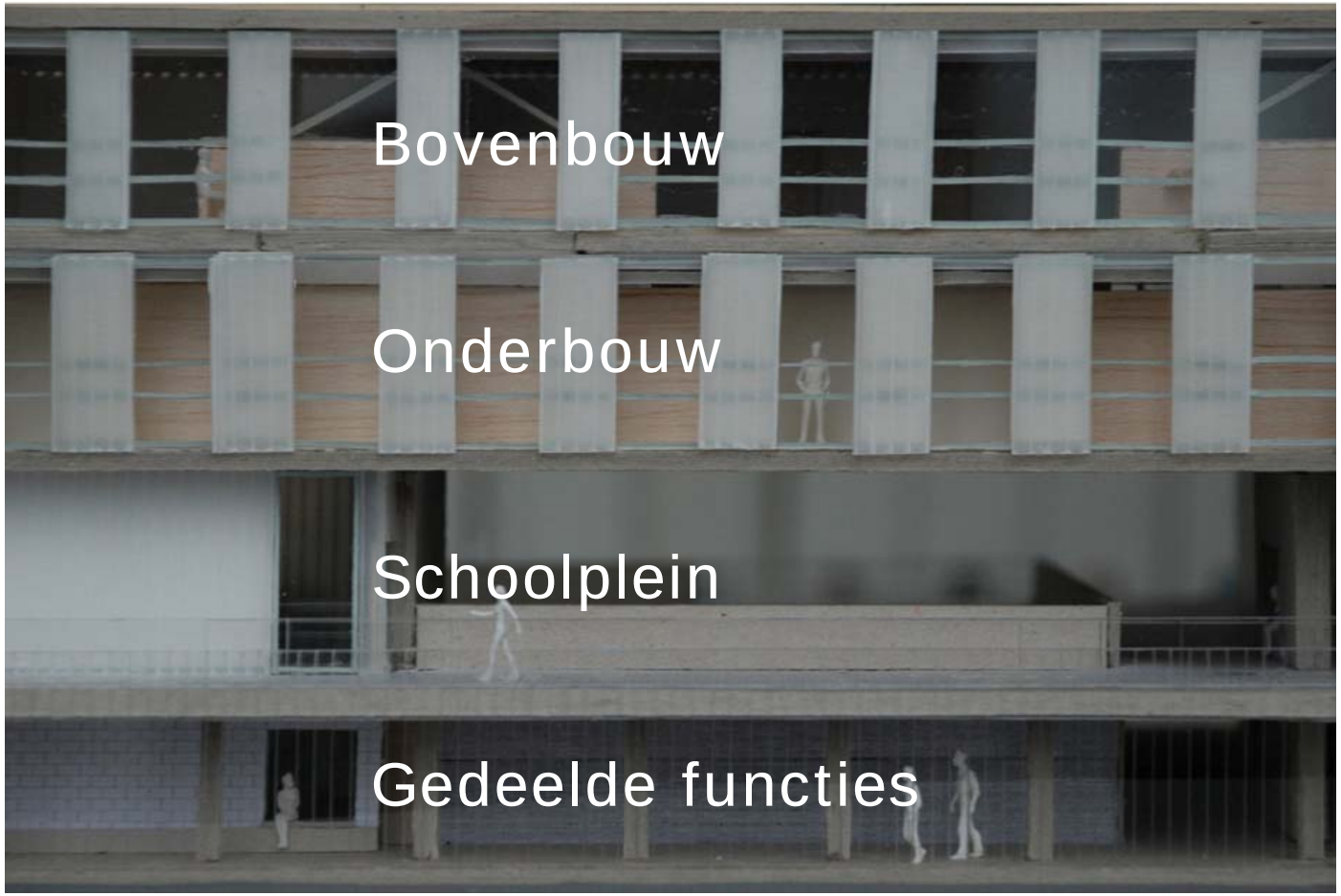


Diagram met ontwerp benadering: **Openbreken van het dakvlak**

. C o n c e p t

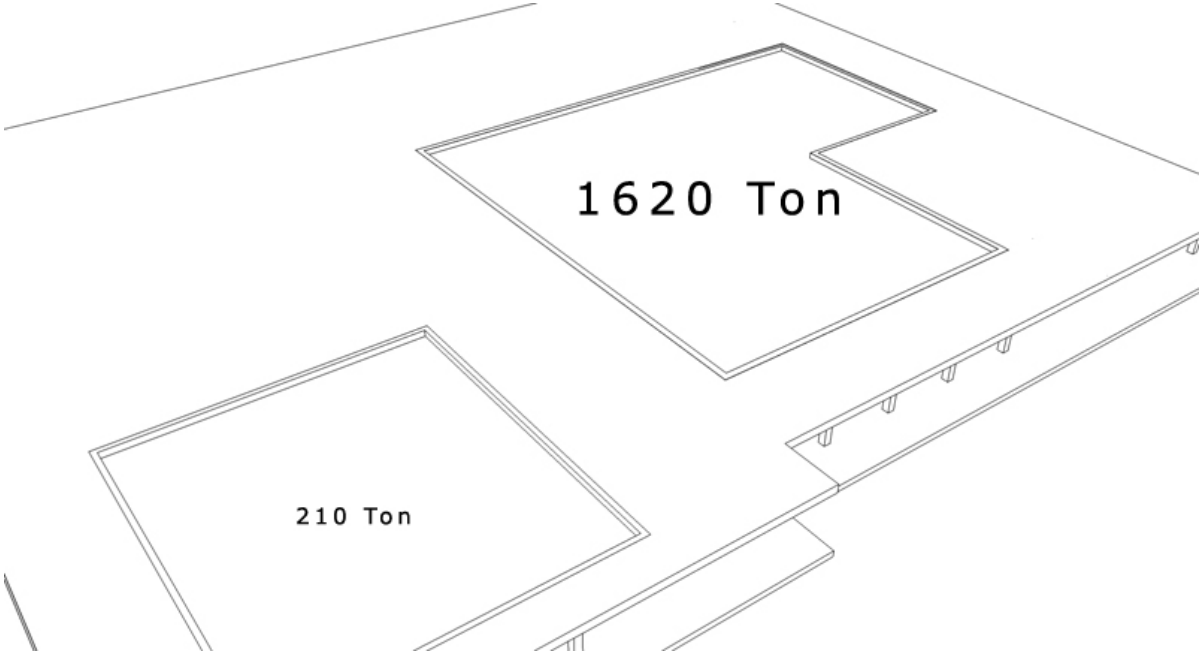


Horizontale gelaagdheid

. O n t w e r p

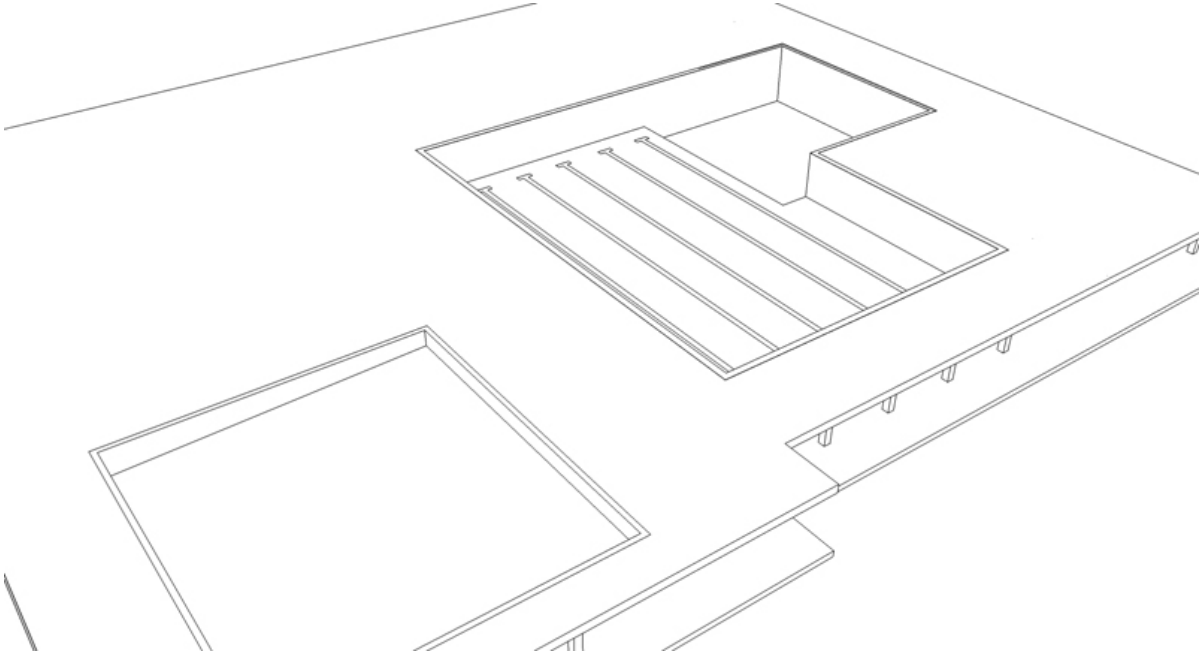
De verdeling van materialen: **de zware plint in contrast met het lichte onderwijsvolume**

. O n t w e r p



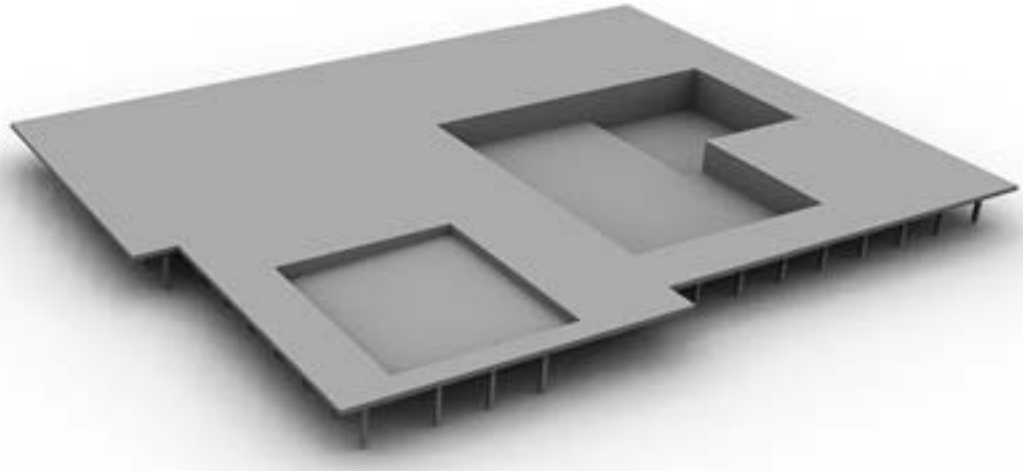
Gewicht van de gevulde baden

. O n t w e r p



. O n t w e r p

. O n t w e r p



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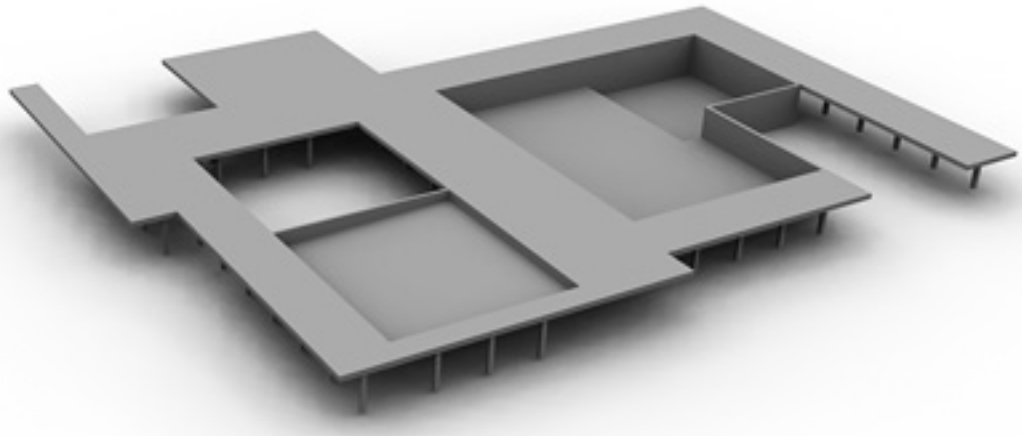

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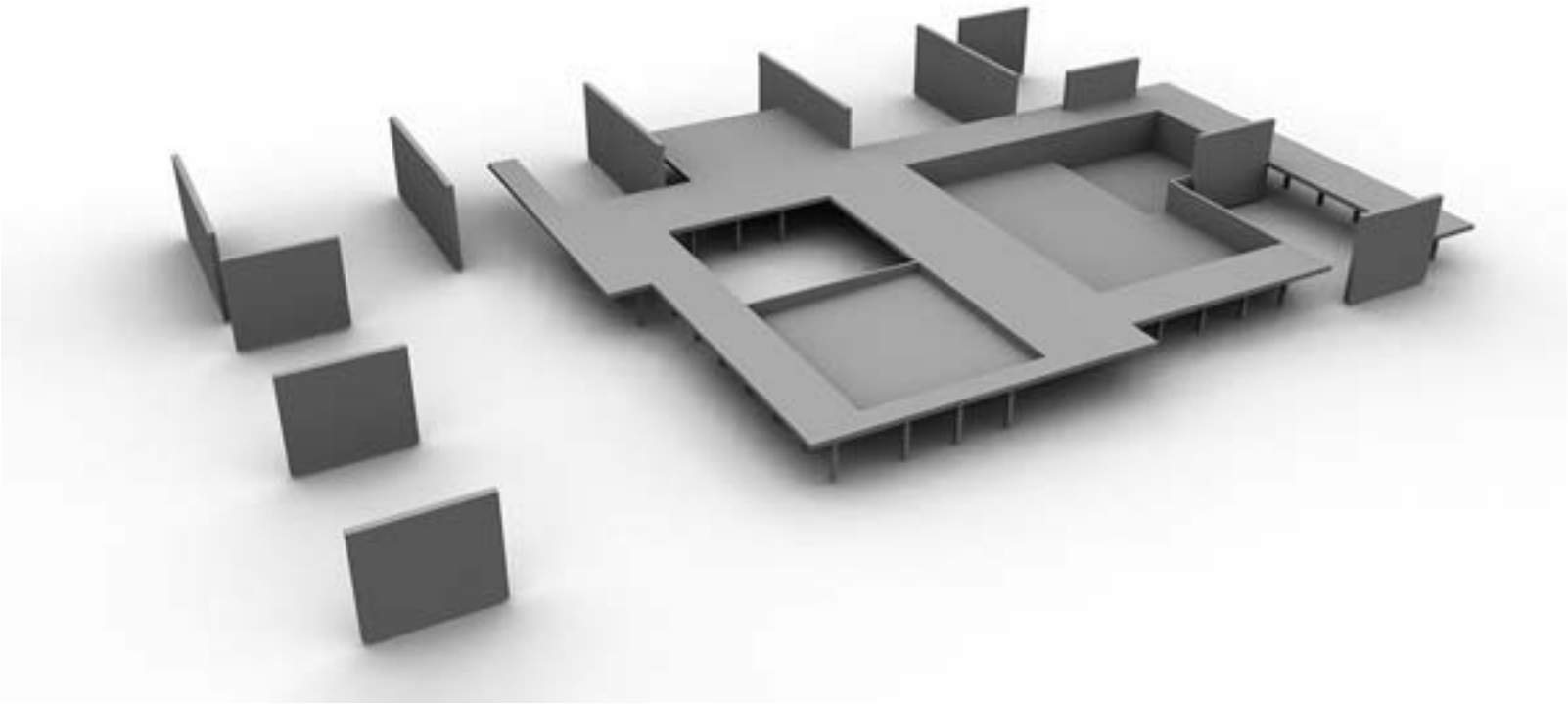

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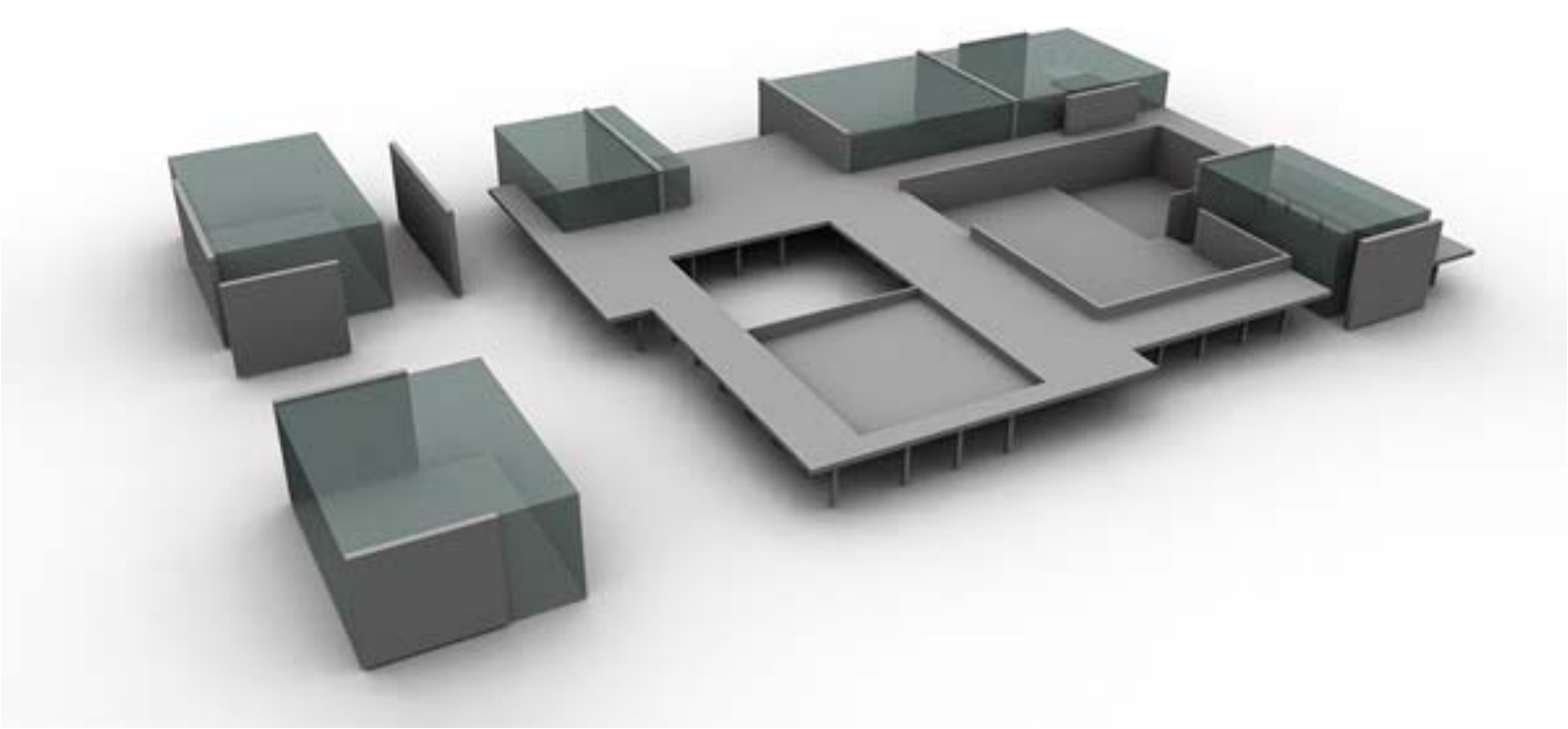

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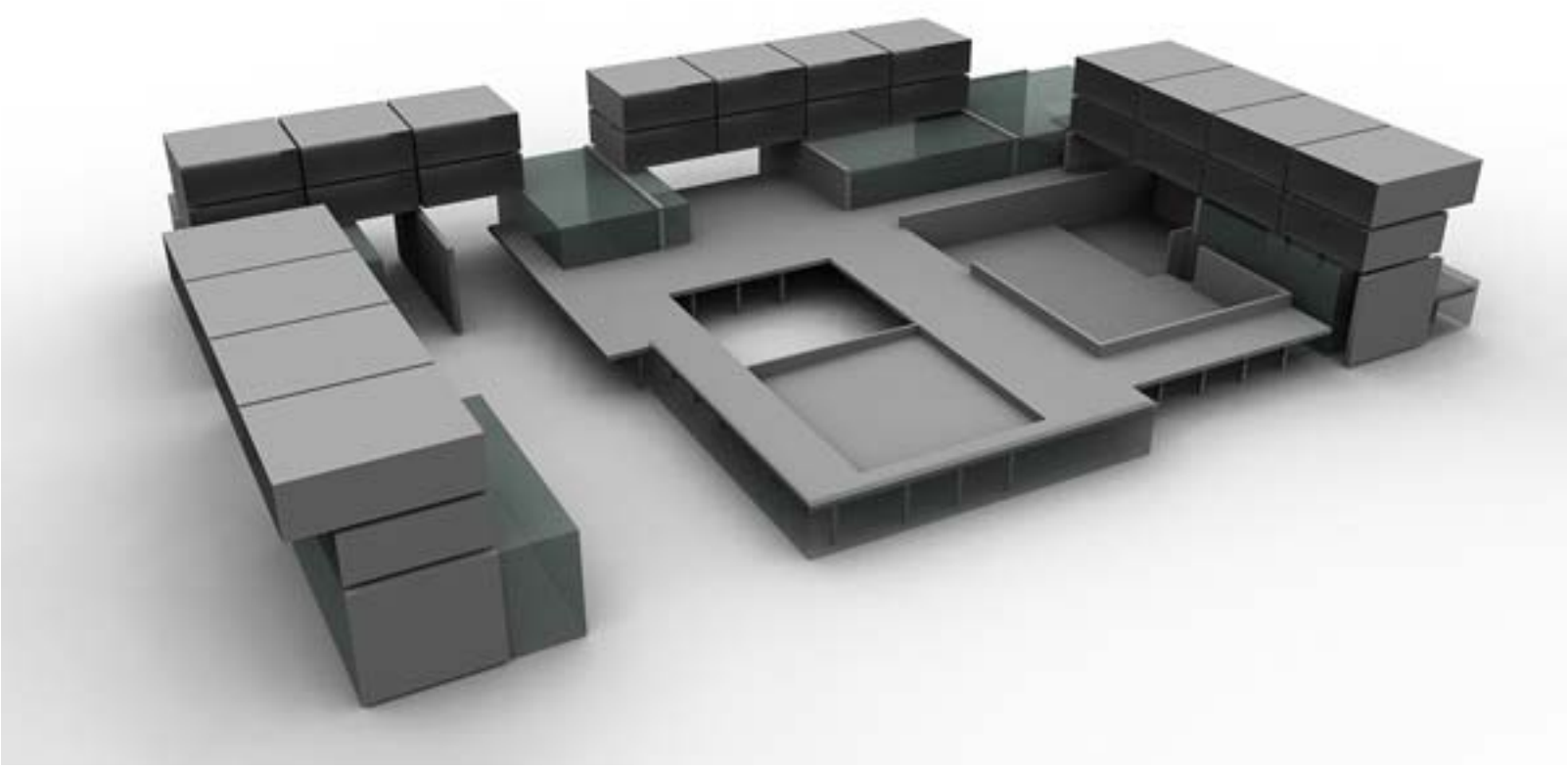

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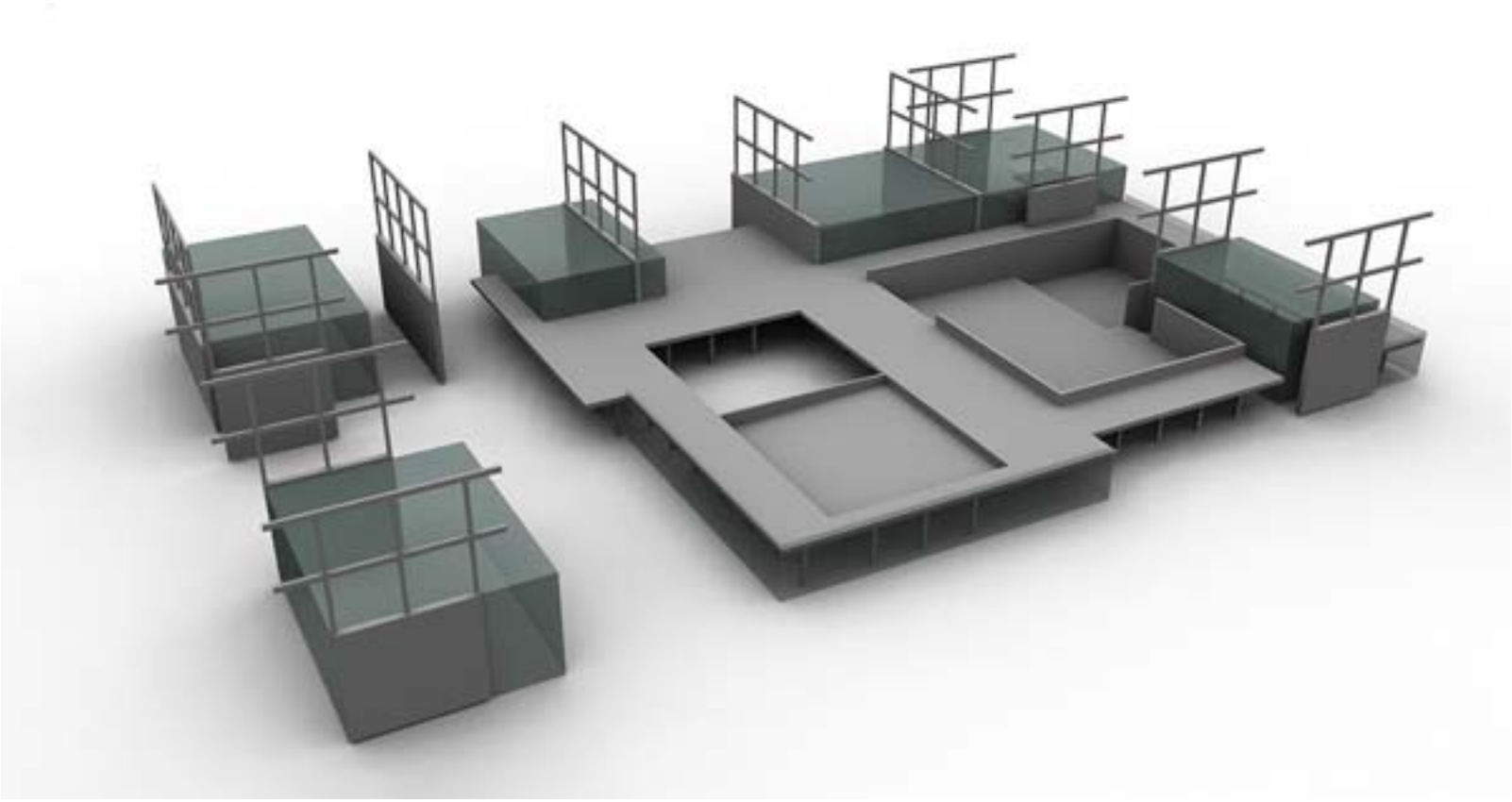

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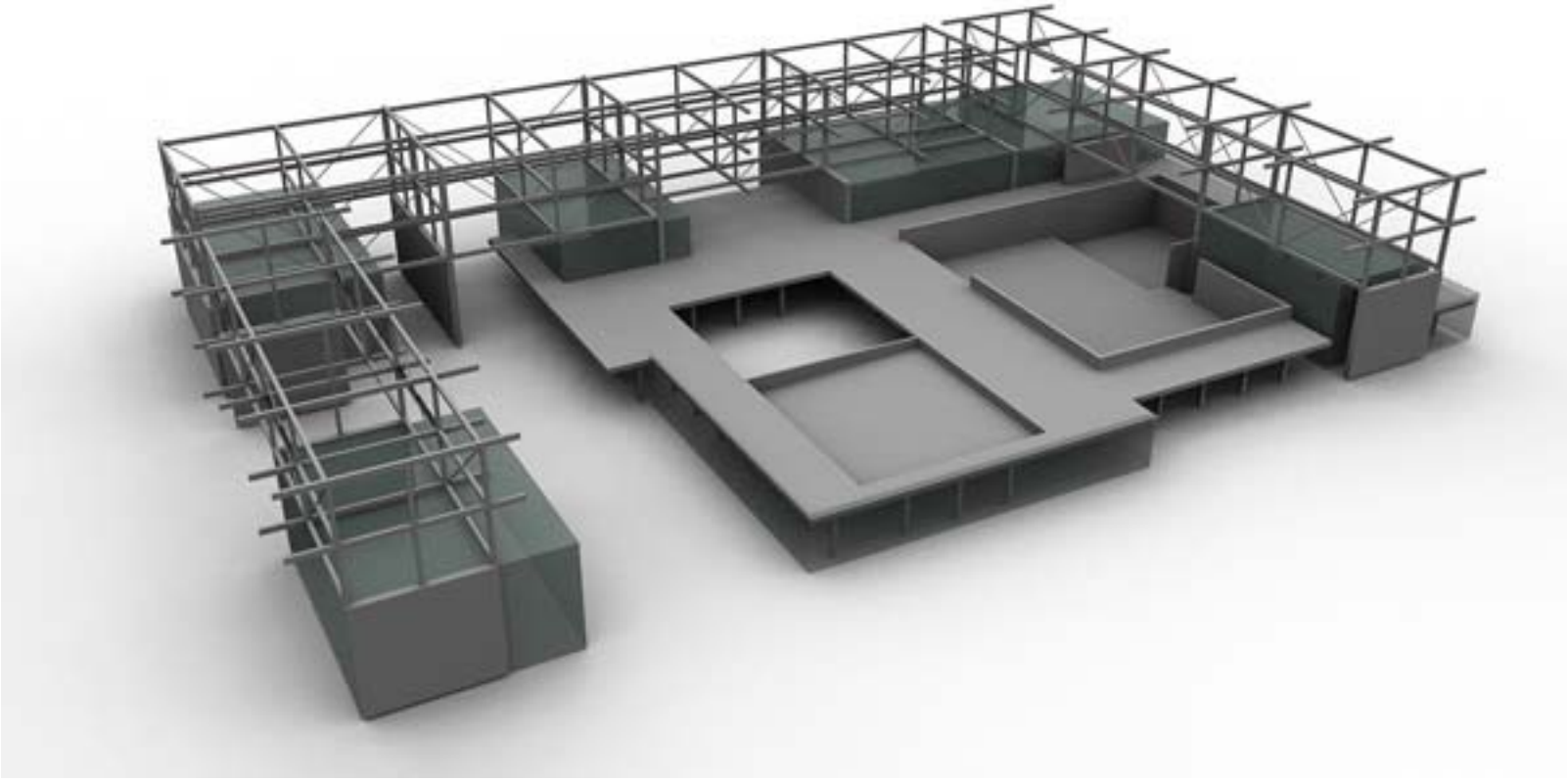

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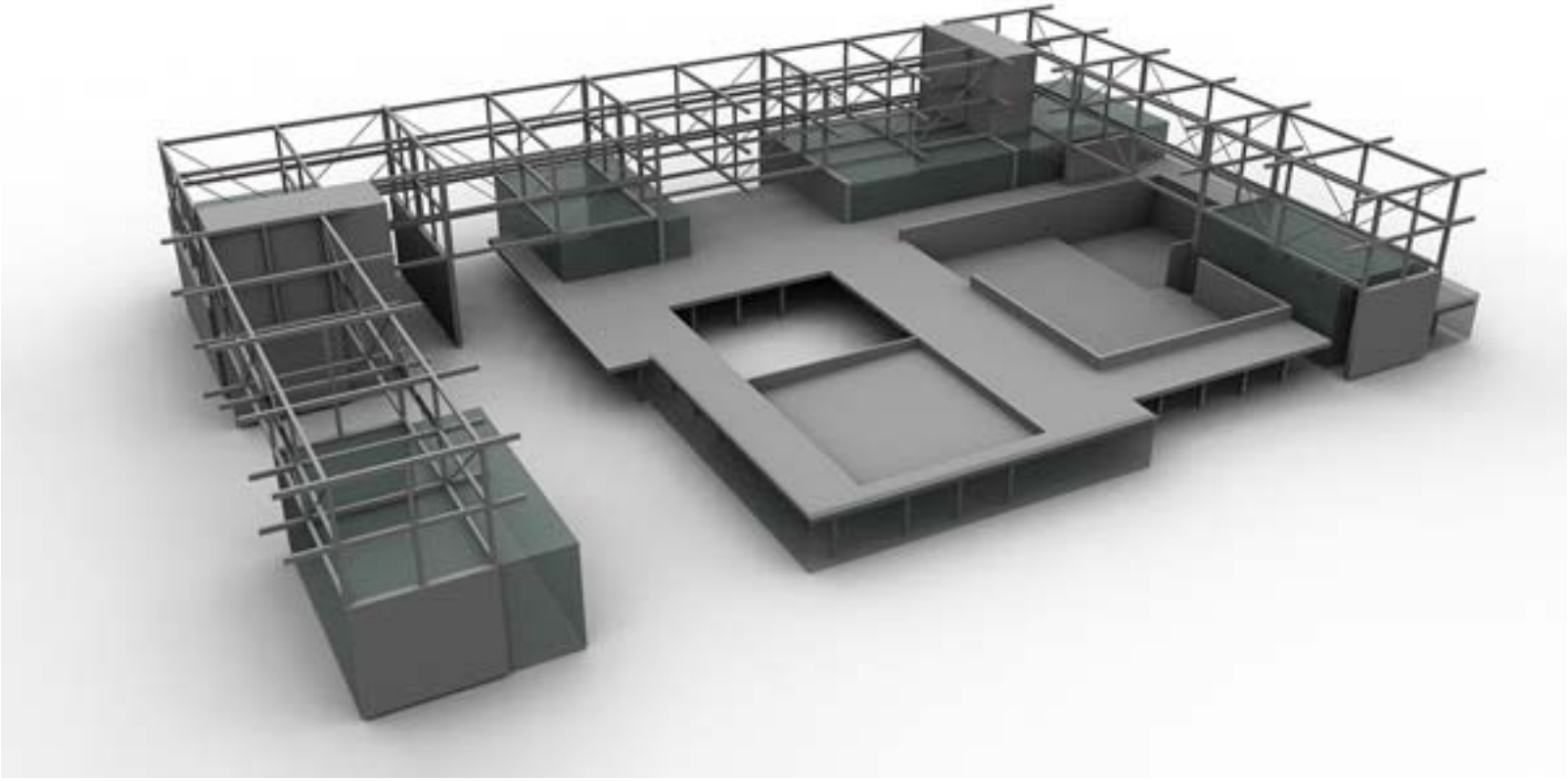

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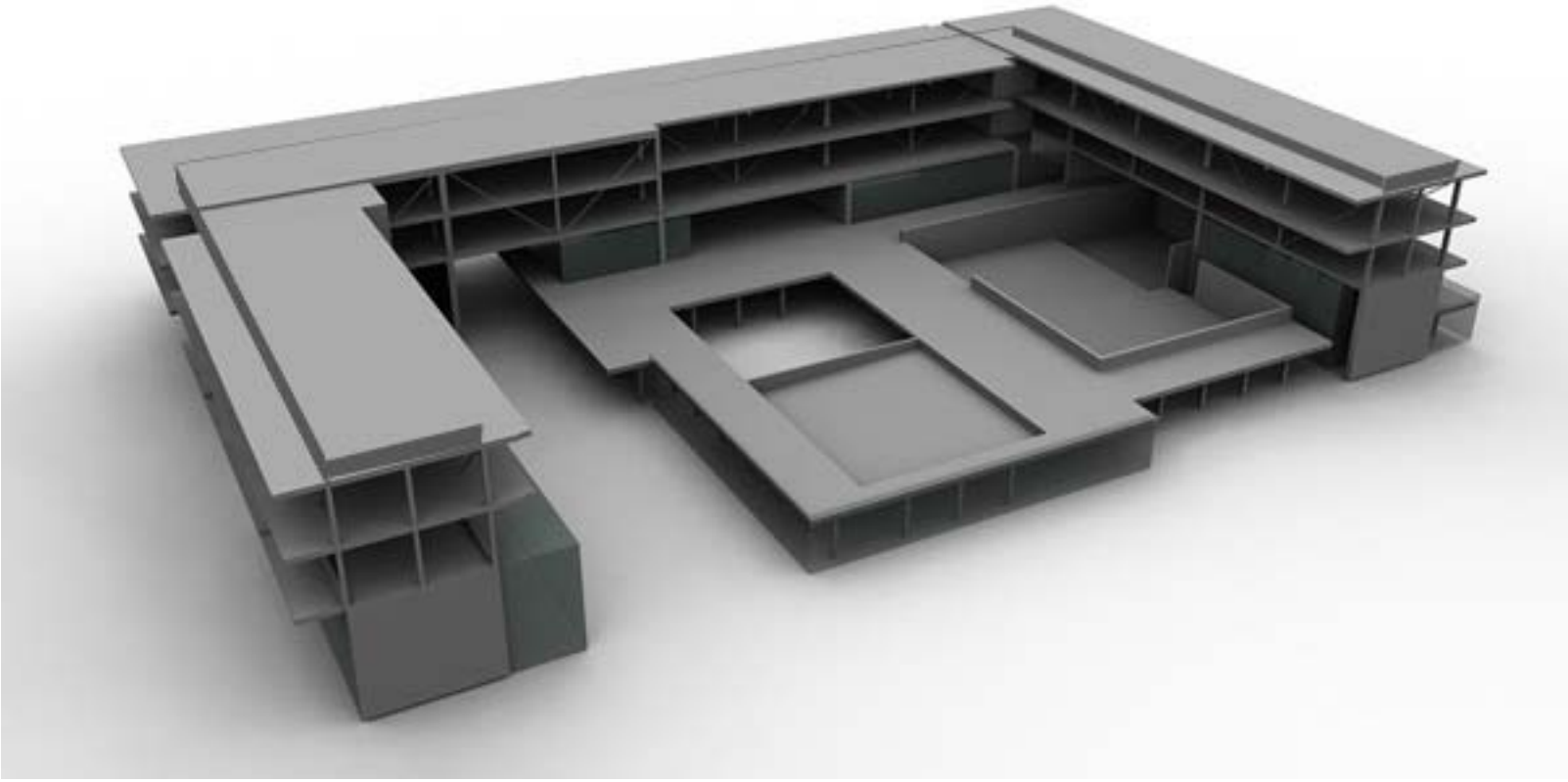


. O n t w e r p

Birds eye view 01

. O n t w e r p

Birds eye view 02

. O n t w e r p

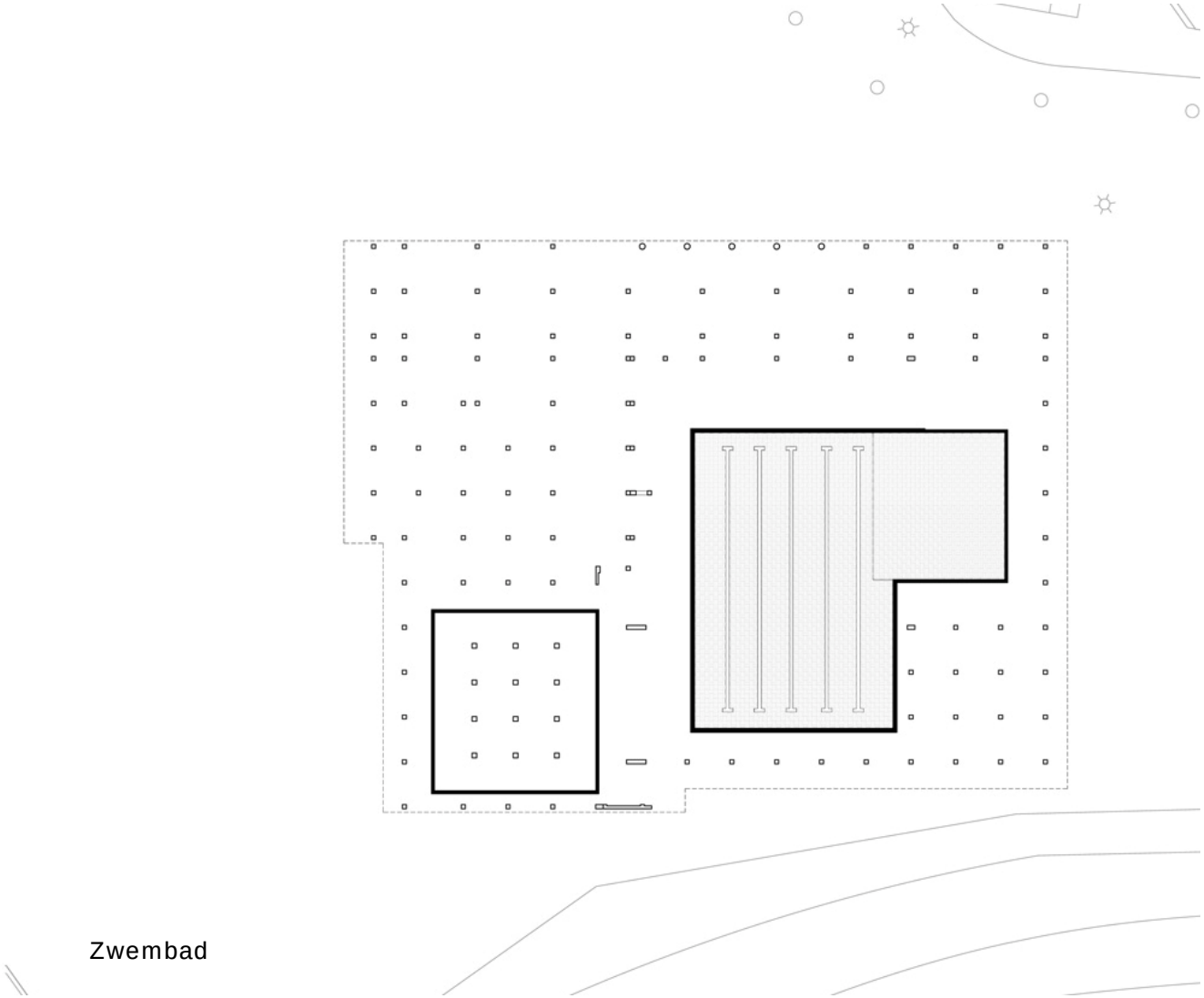
Zicht vanaf het park

. O n t w e r p

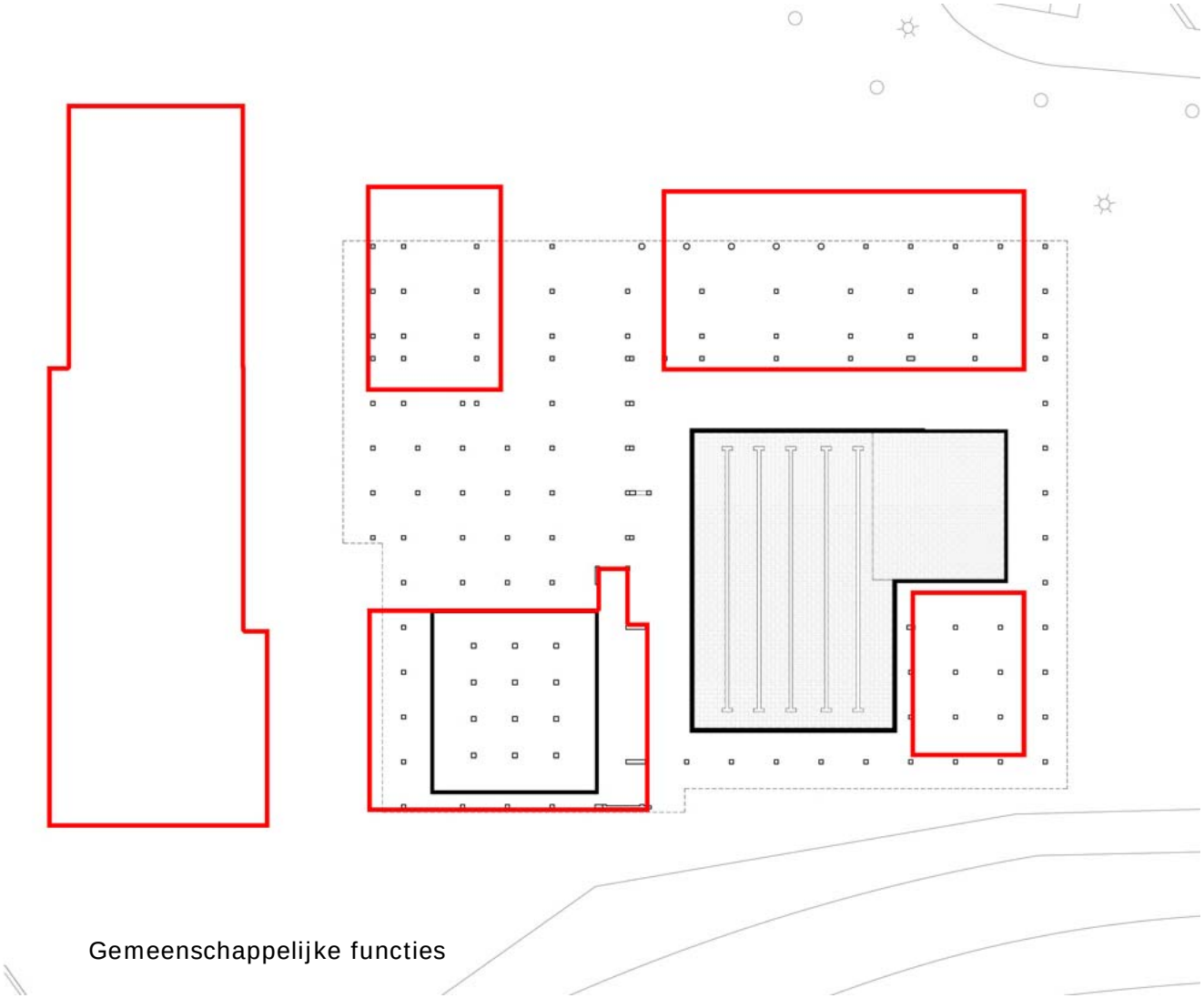
Zicht vanaf de overkant van het water

. O n t w e r p

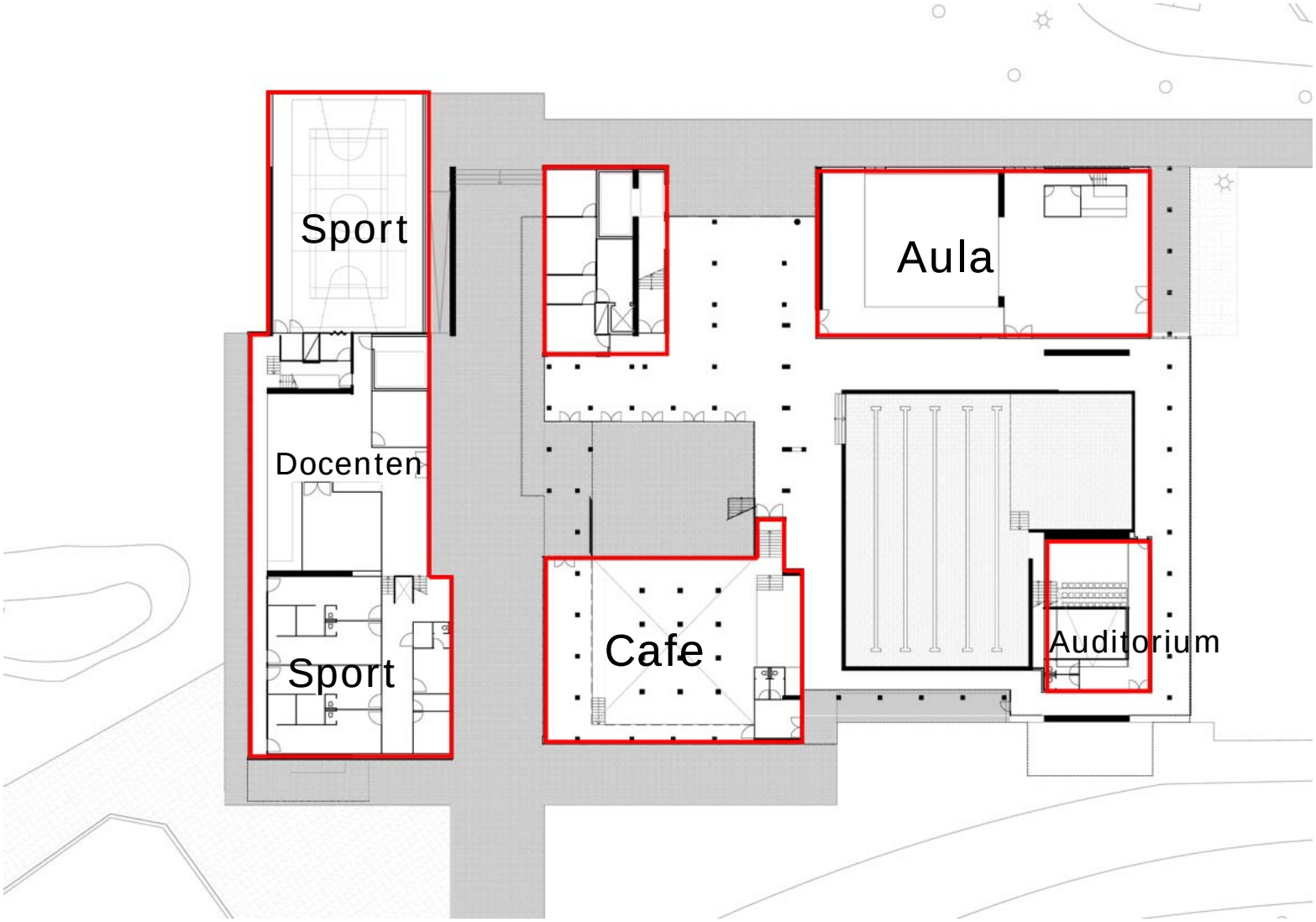
Zicht vanaf de Bloembuurt

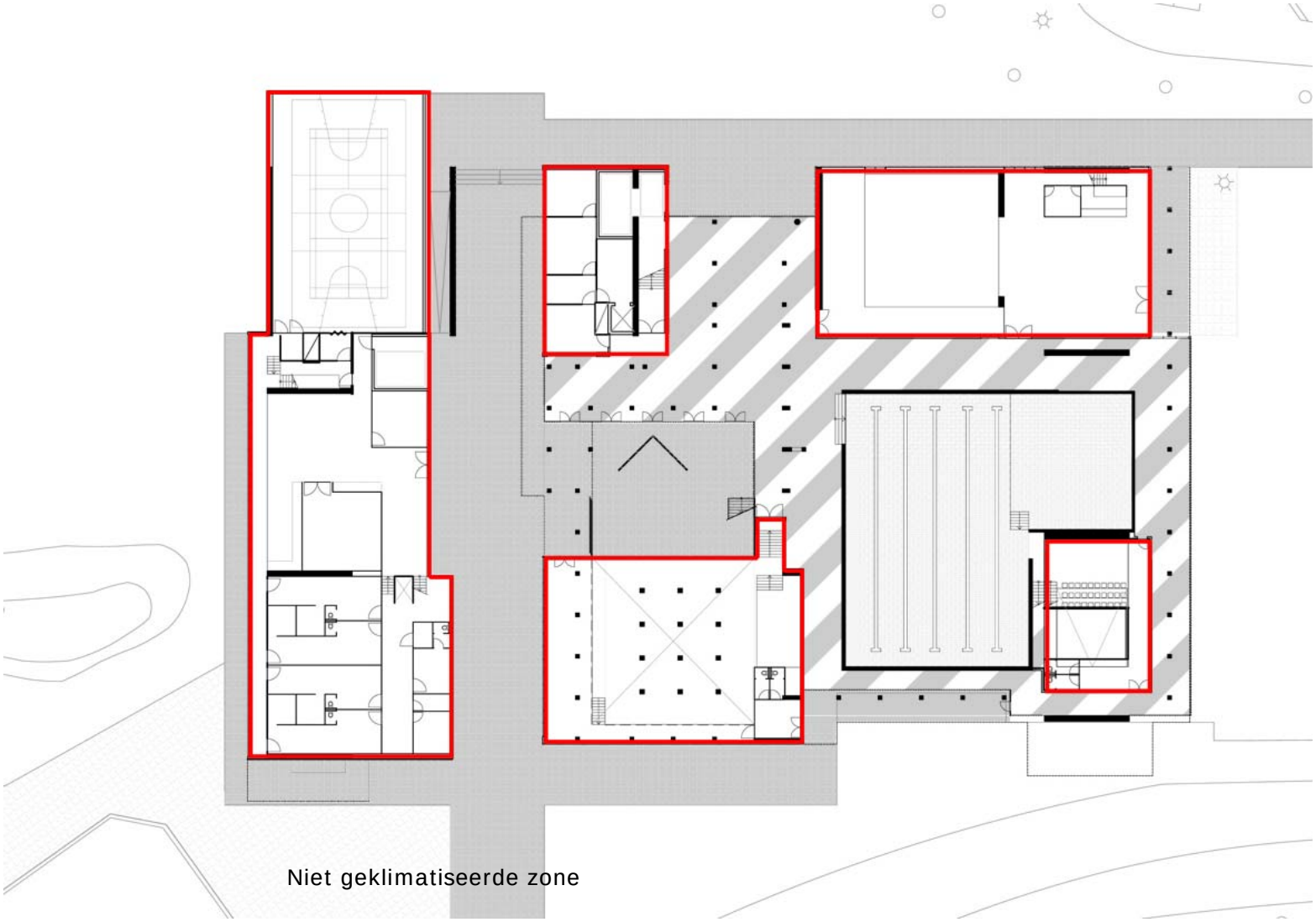


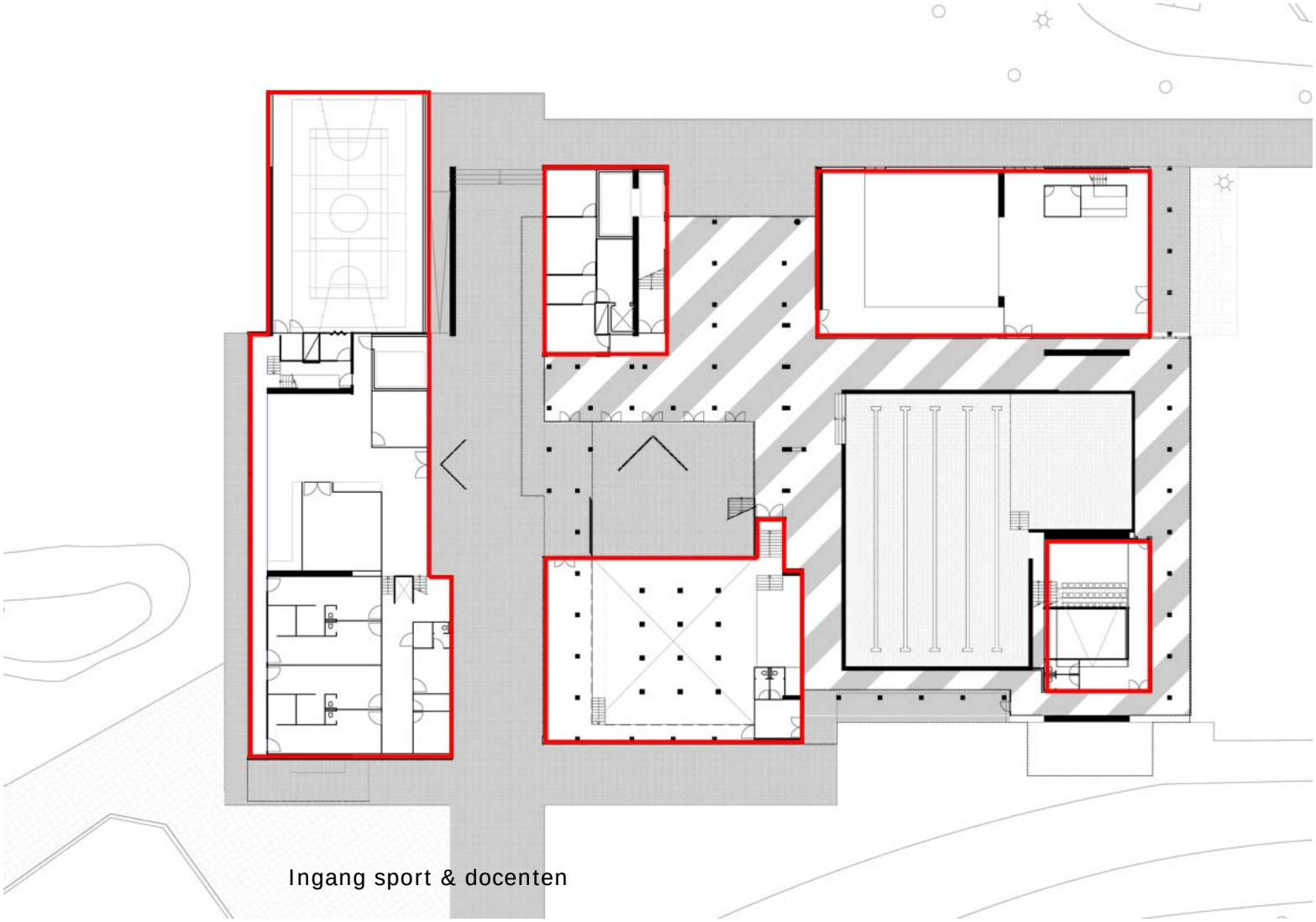
Zwembad

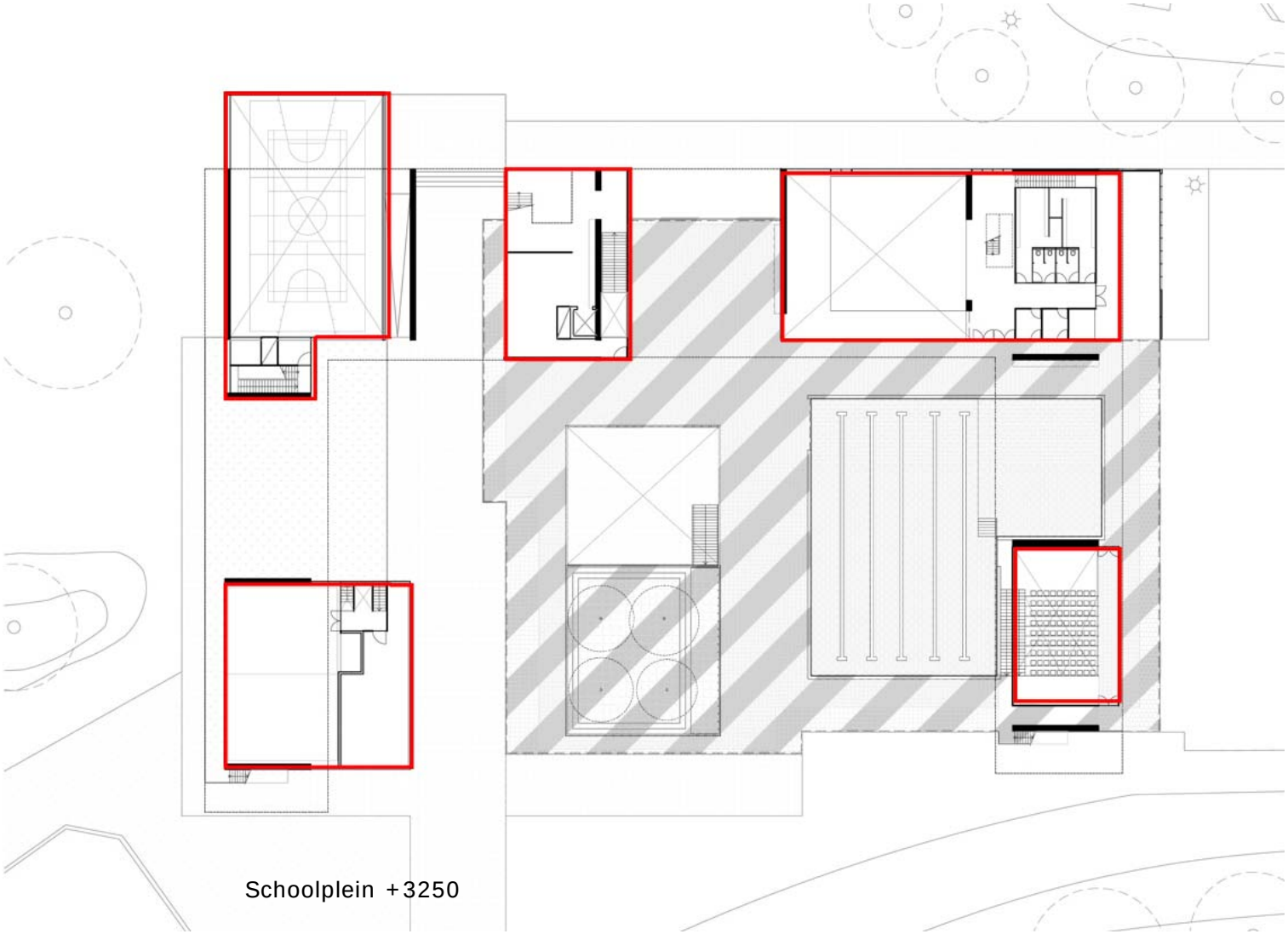


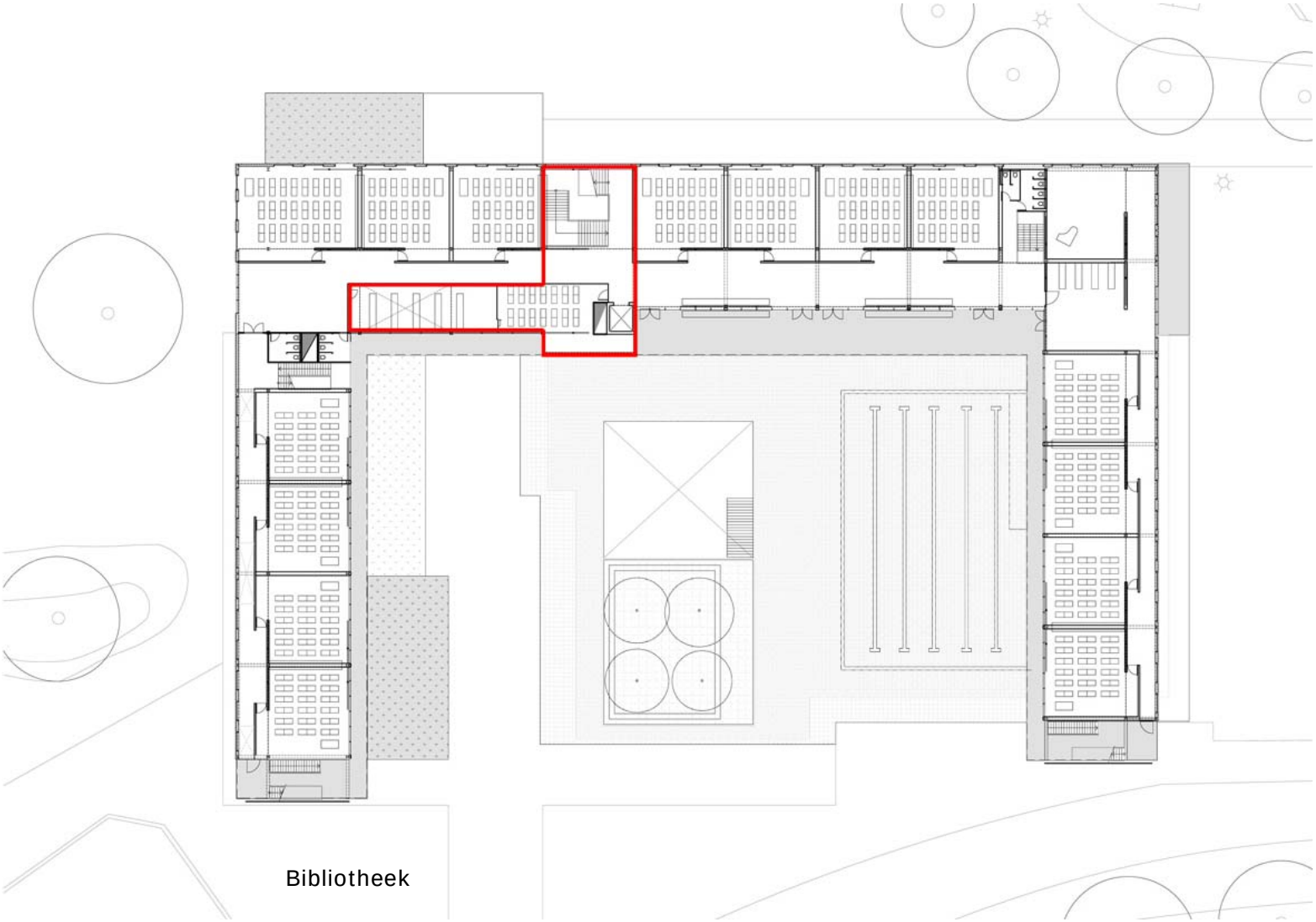
Gemeenschappelijke functies

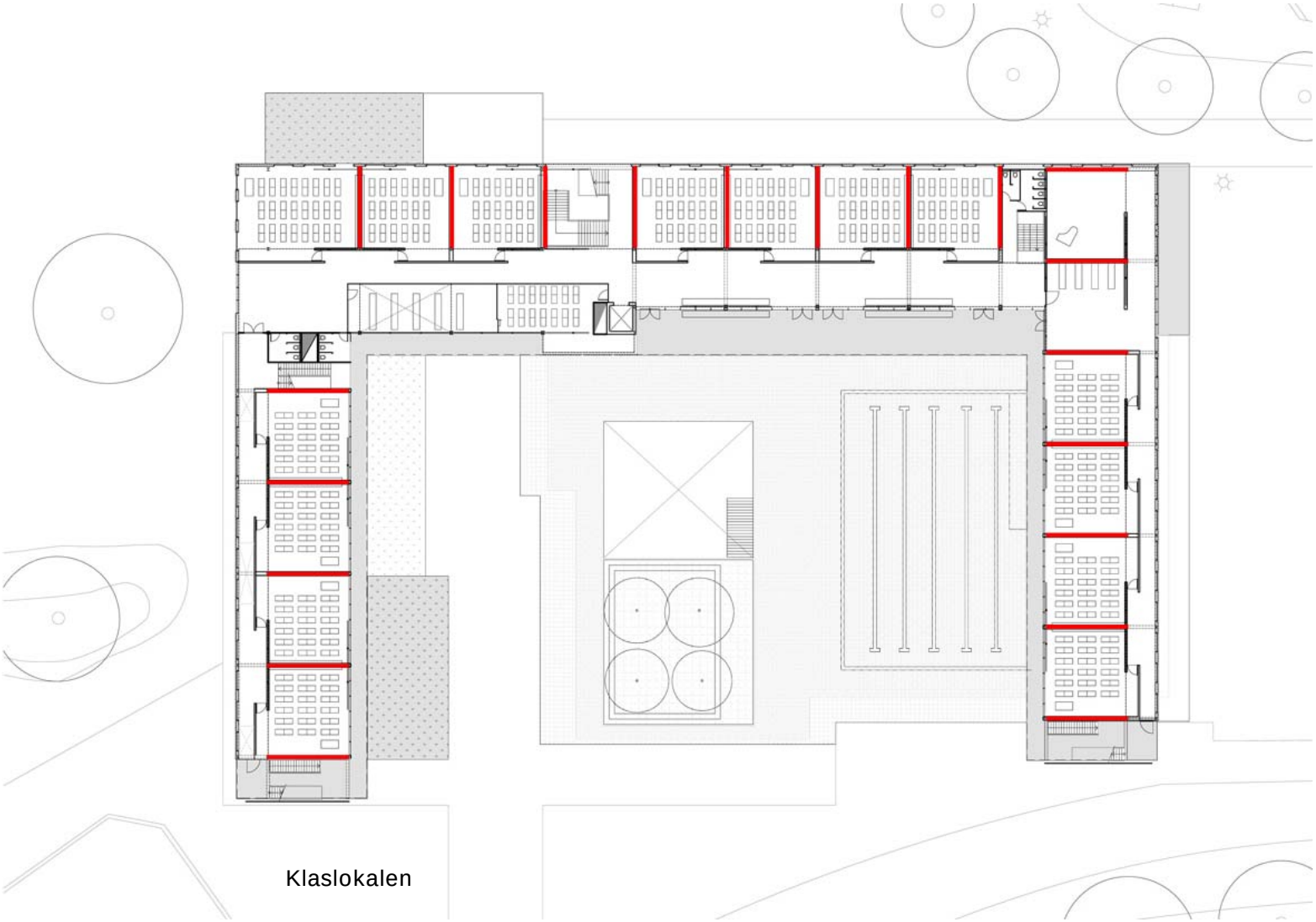

Sport
Aula
Docenten
Sport
Cafe
Auditorium

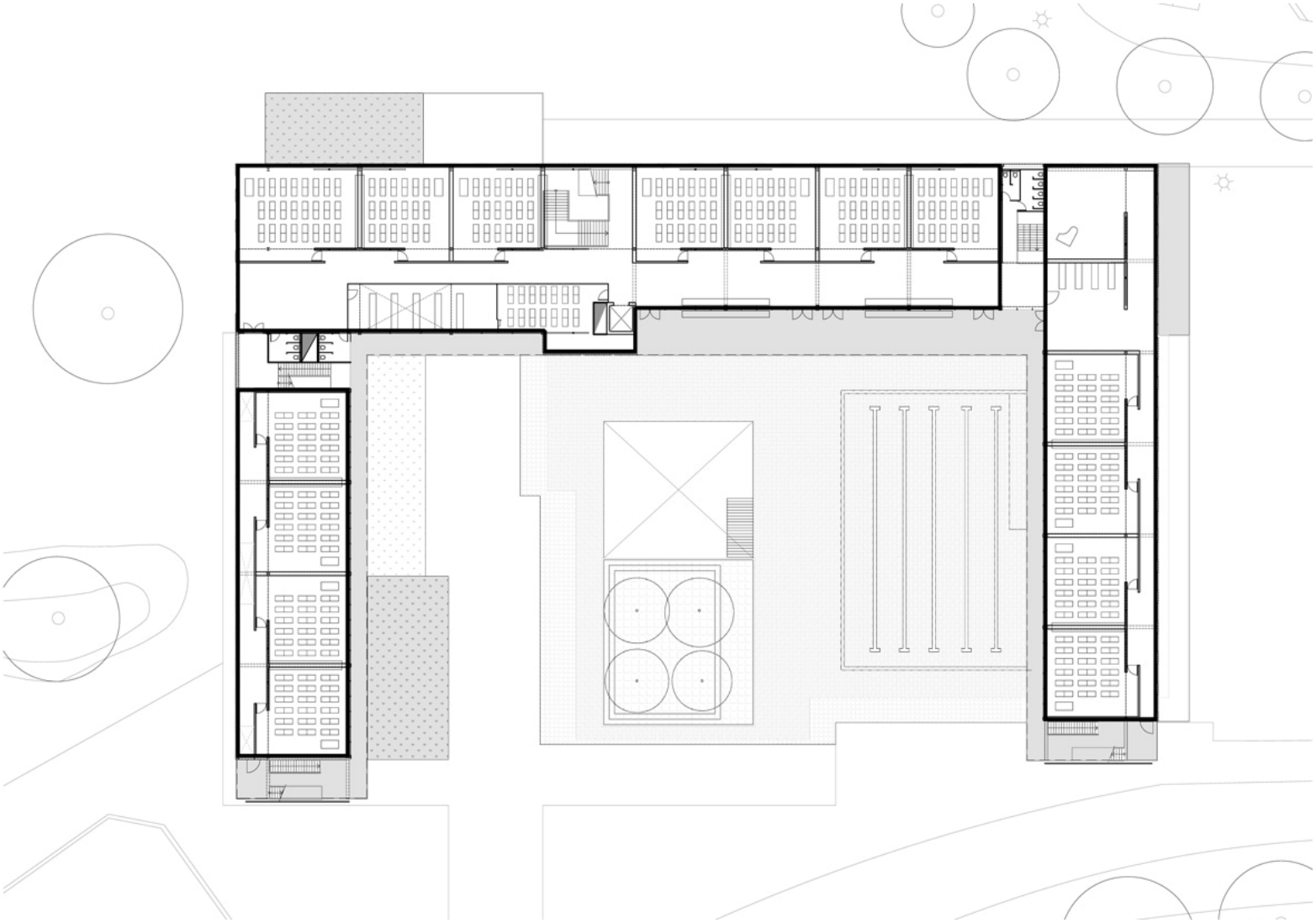

Niet geklimatiseerde zone

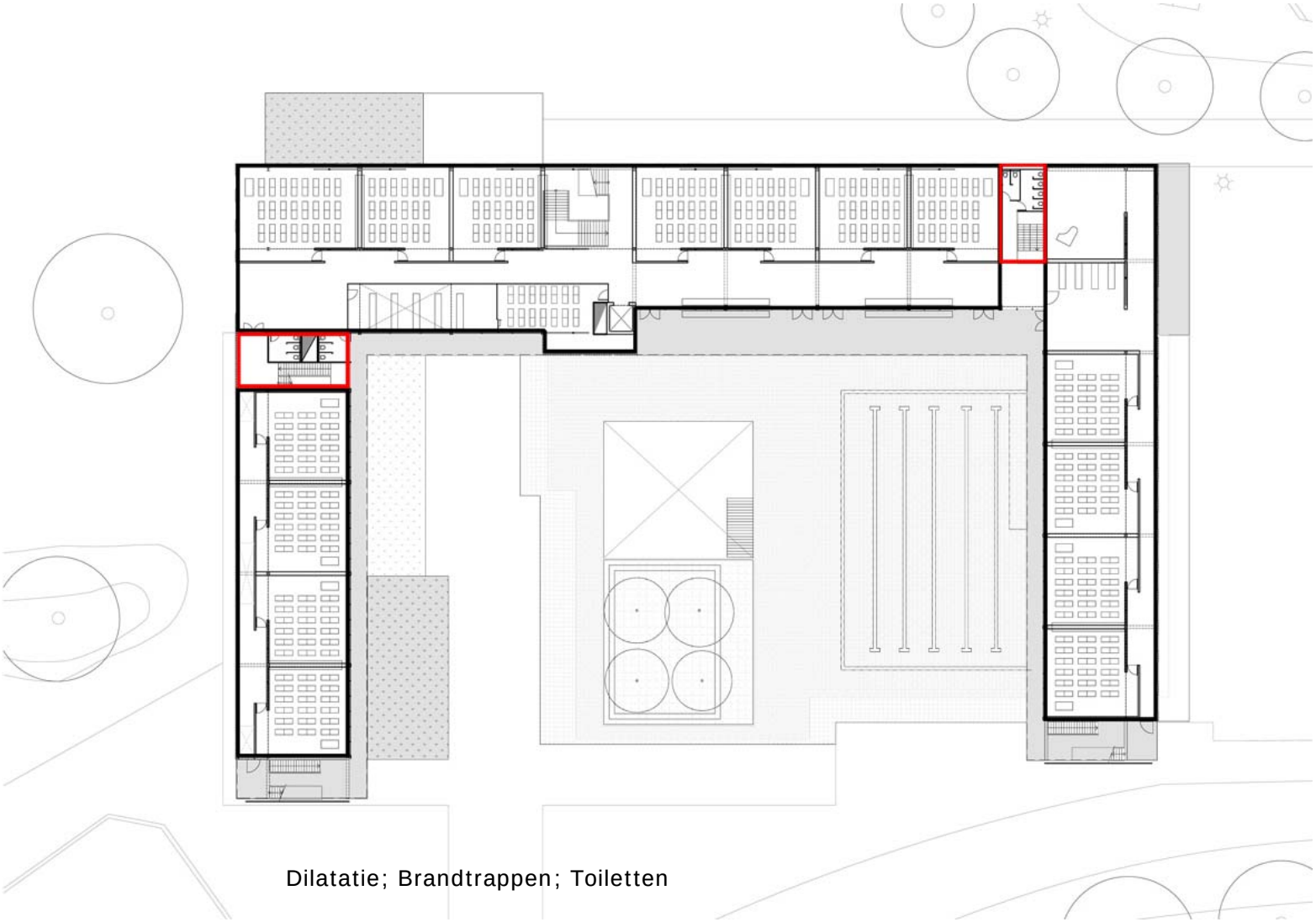

Ingang sport & docenten


Schoolplein +3250

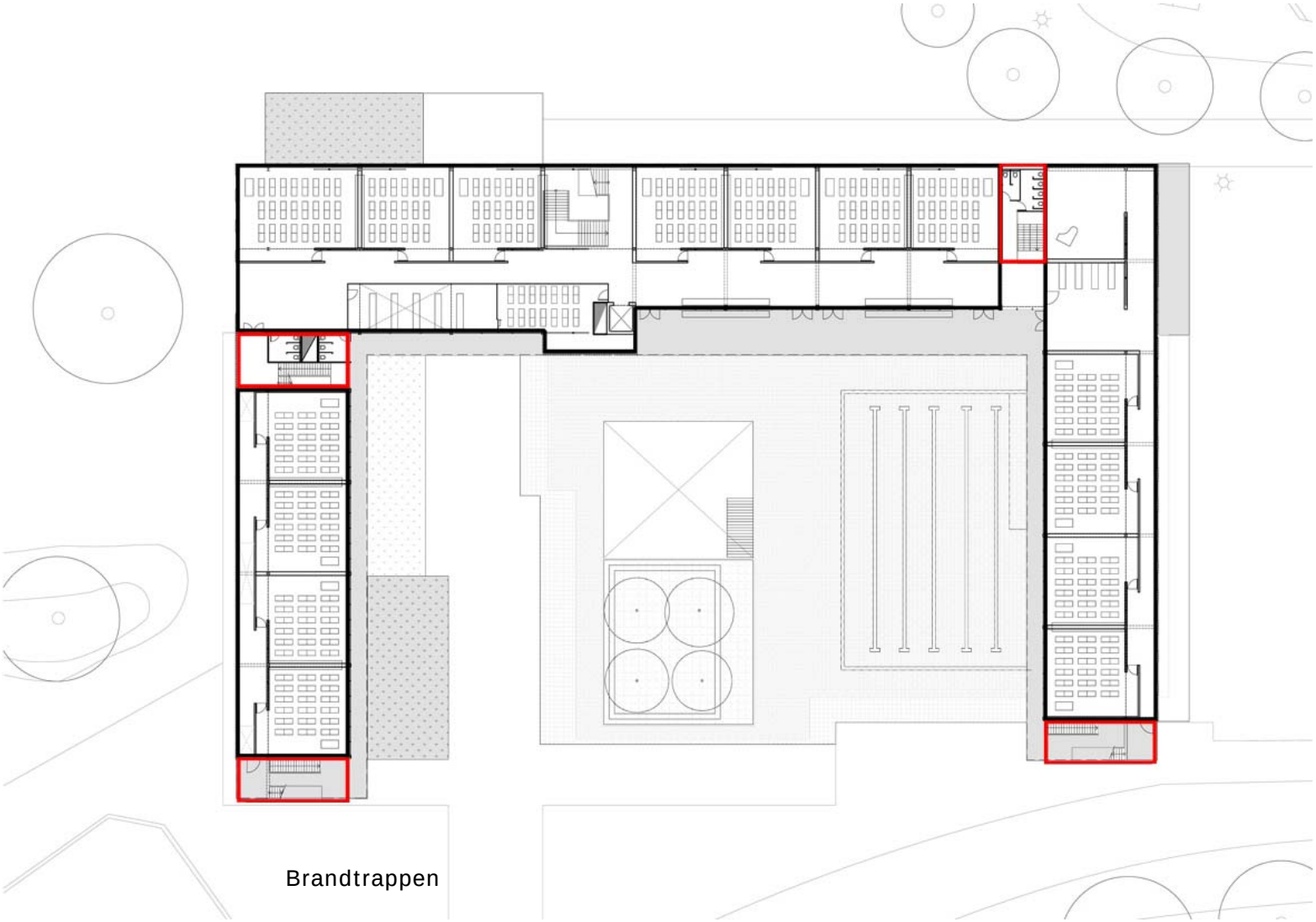

Bibliotheek


Klaslokalen

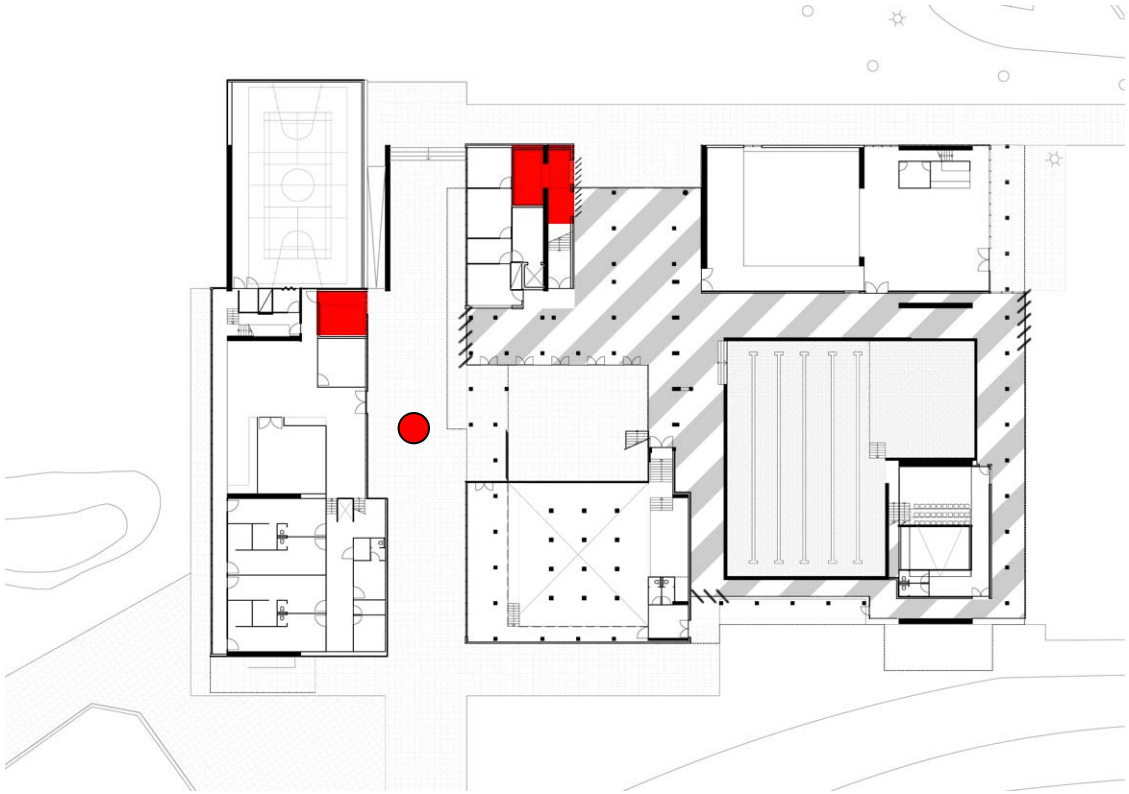




Dilatatie; Brandtrappen; Toiletten

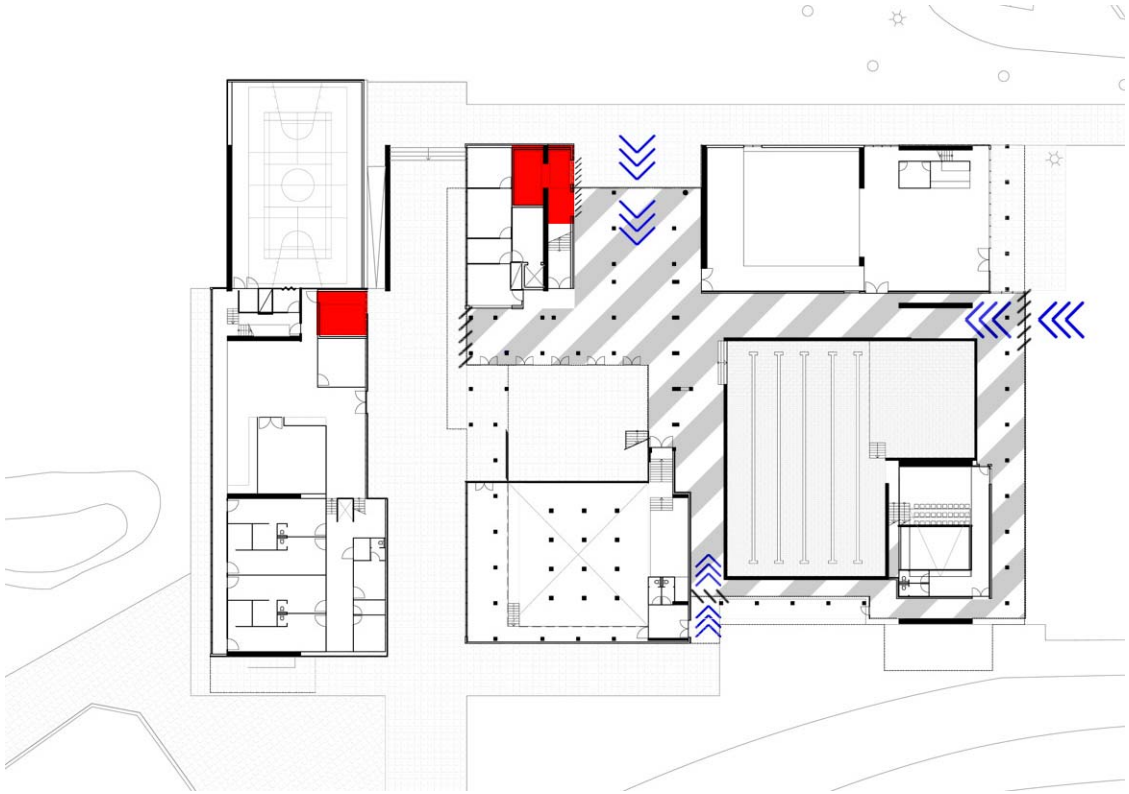

Brandtrappen

. O n t w e r p



-87.0 m Warmte uitwisseling

. O n t w e r p



-87.0 m Warmte uitwisseling

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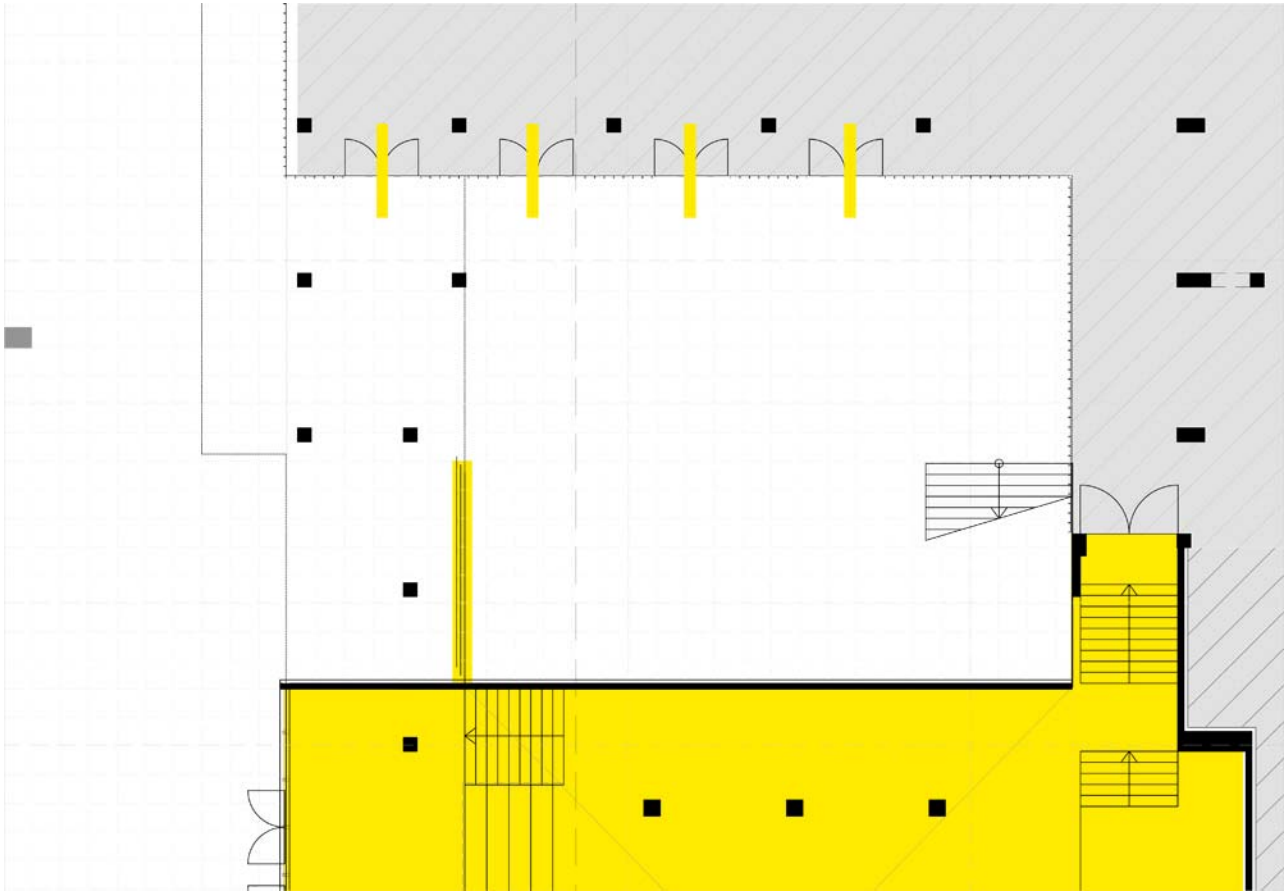
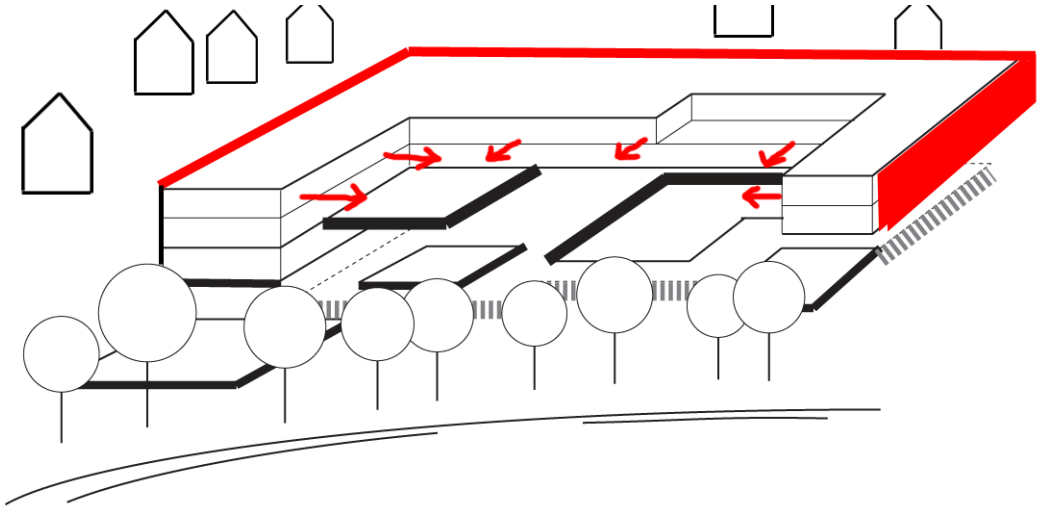
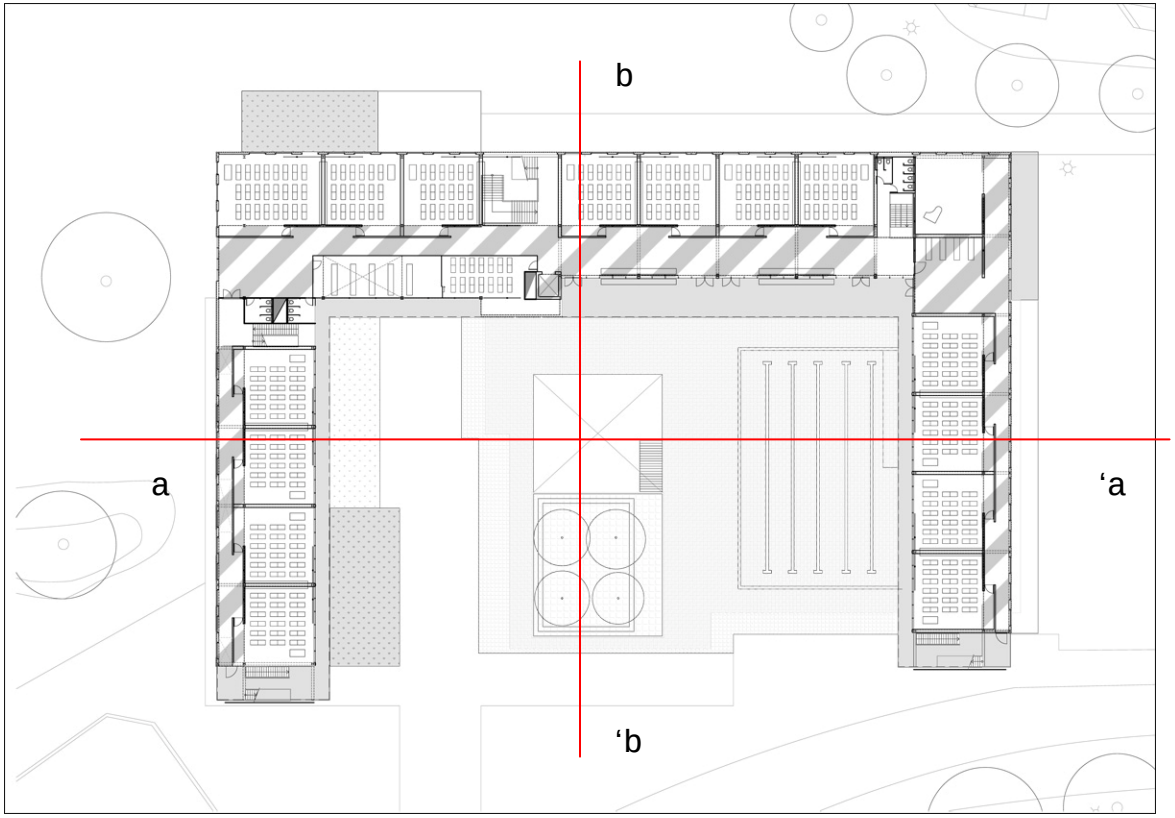


. O n t w e r p



Twee kanten

. O n t w e r p



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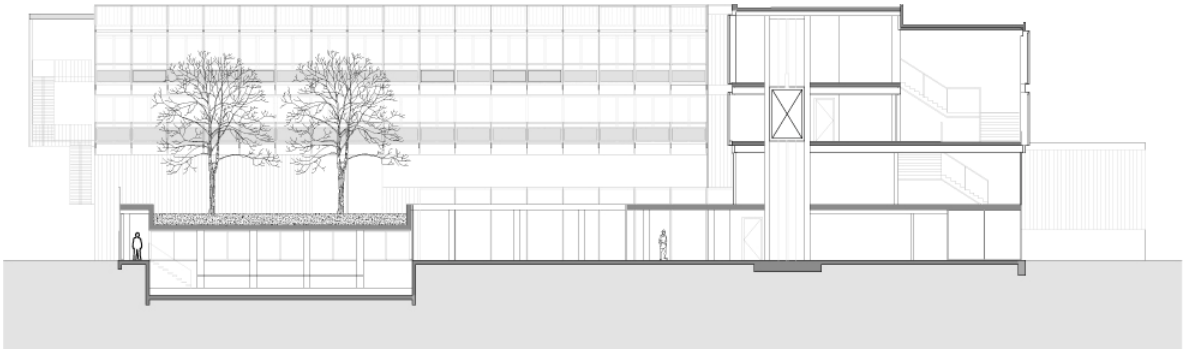
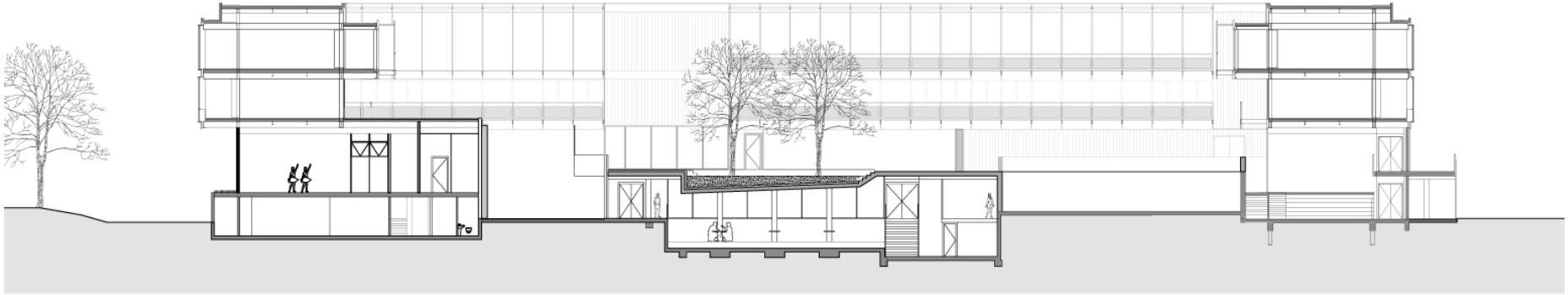
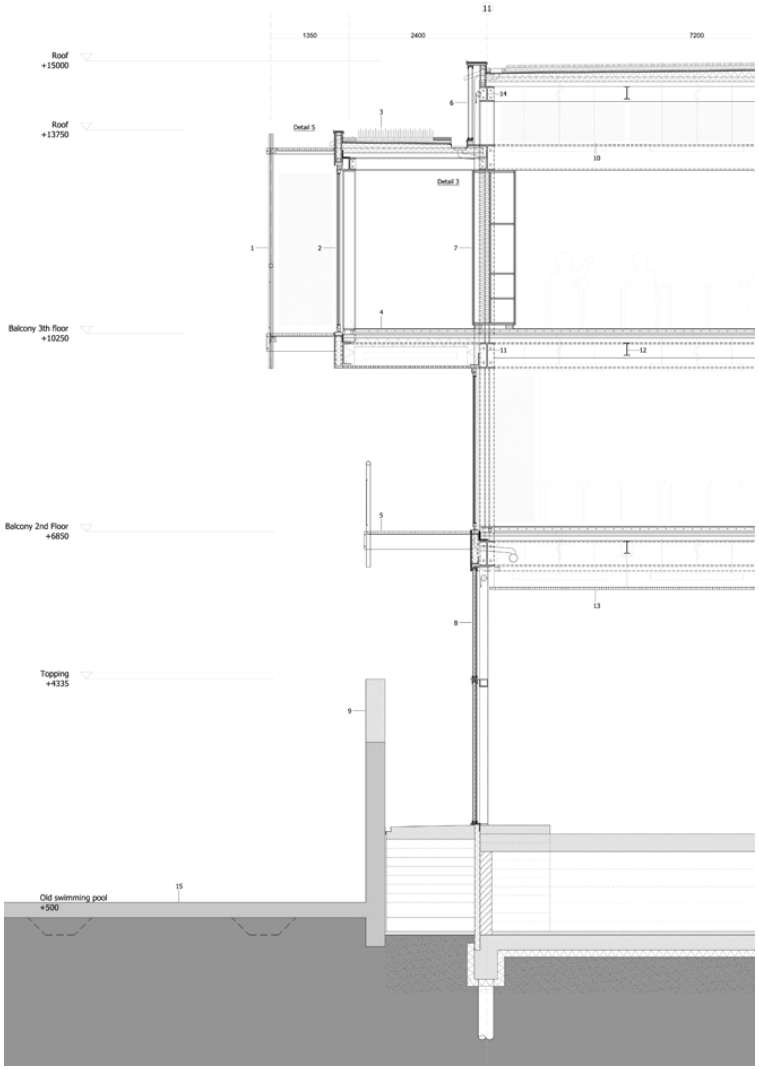


Doorsnede b-’b

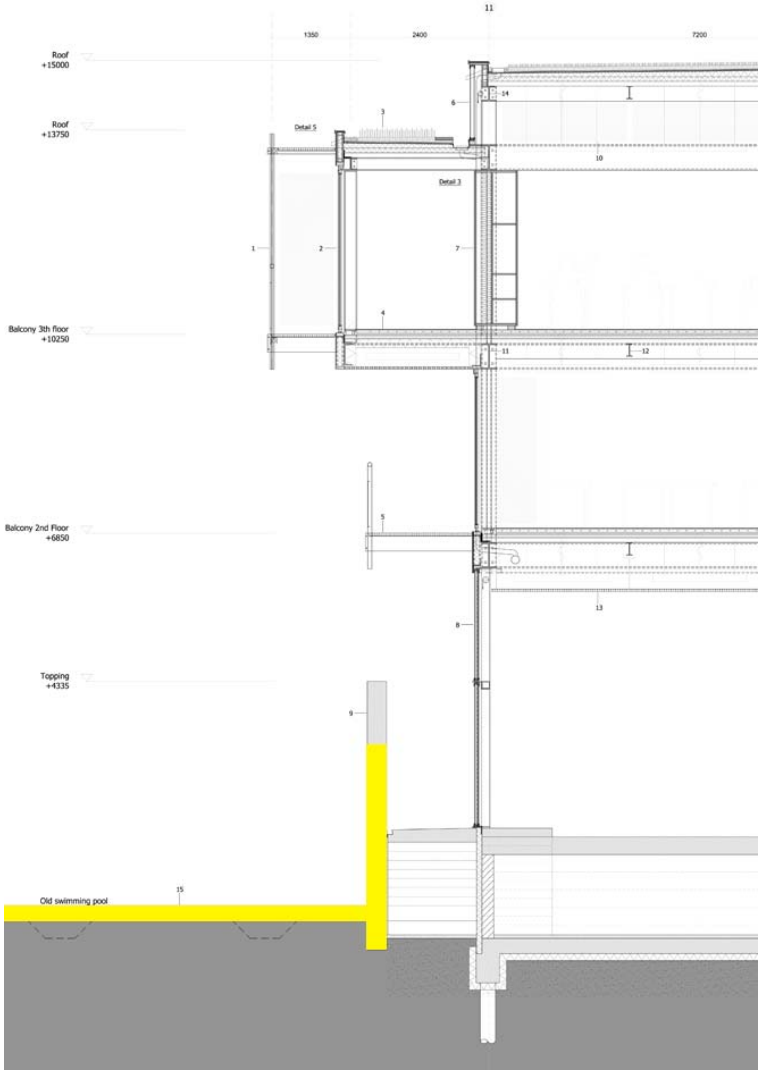
. O n t w e r p



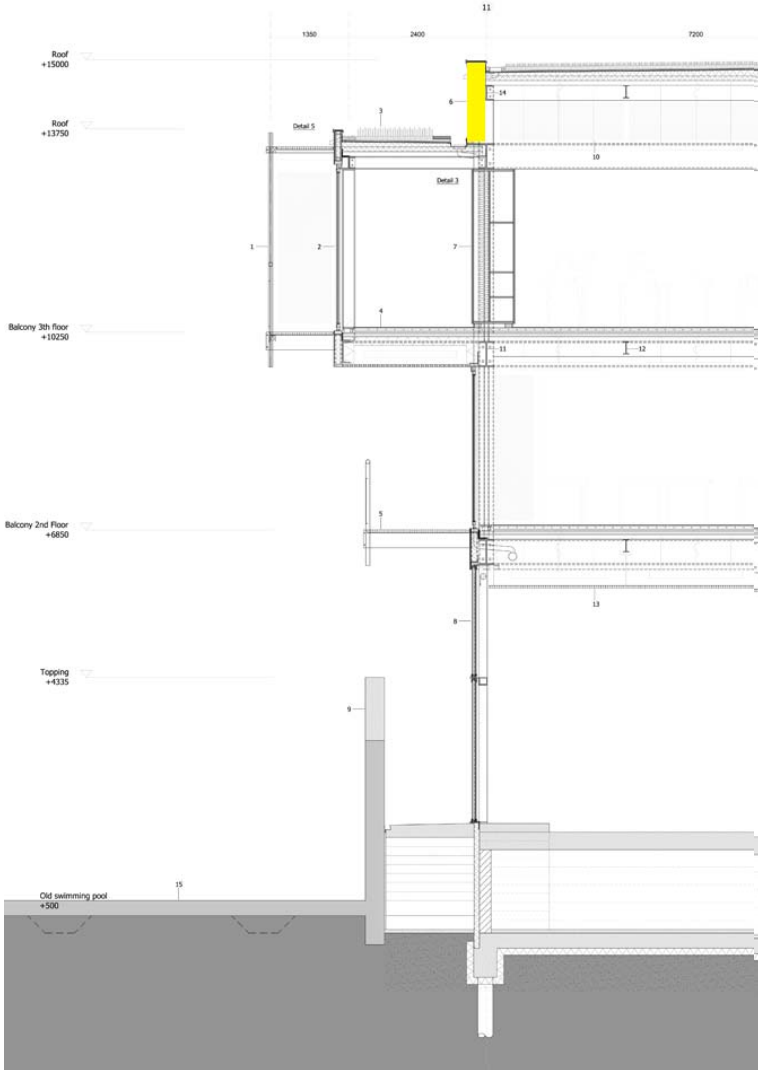
Doorsnede a-’a


11
1350
2400
7200
Roof
+15000
Roof
+13750
Detail 5
Detail 3
Balcony 3th floor
+10250
Balcony 2nd Floor
+6850
Topping
+4335
Old swimming pool
+500

F
D
Roof
+15000
Roof
+13950
Facade line
+10300
Facade line
+6700
Floor old pool
+500


11
1350
2400
7200
Roof
+15000
Roof
+13750
Detail 5
Detail 3
Balcony 3th floor
+10250
Balcony 2nd Floor
+6850
Topping
+4335
Old swimming pool

F
D
Roof
+15000
Roof
+13950
Facade line
+10300
Facade line
+6700
Floor old pool
+500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2400
7200
Roof
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Roof
+13750
Detail 5
Detail 3
Balcony 3th floor
+10250
Balcony 2nd Floor
+6850
Topping
+4335
Old swimming pool
+500

F
D
Roof
+15000
Roof
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Facade line
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Facade line
+6700
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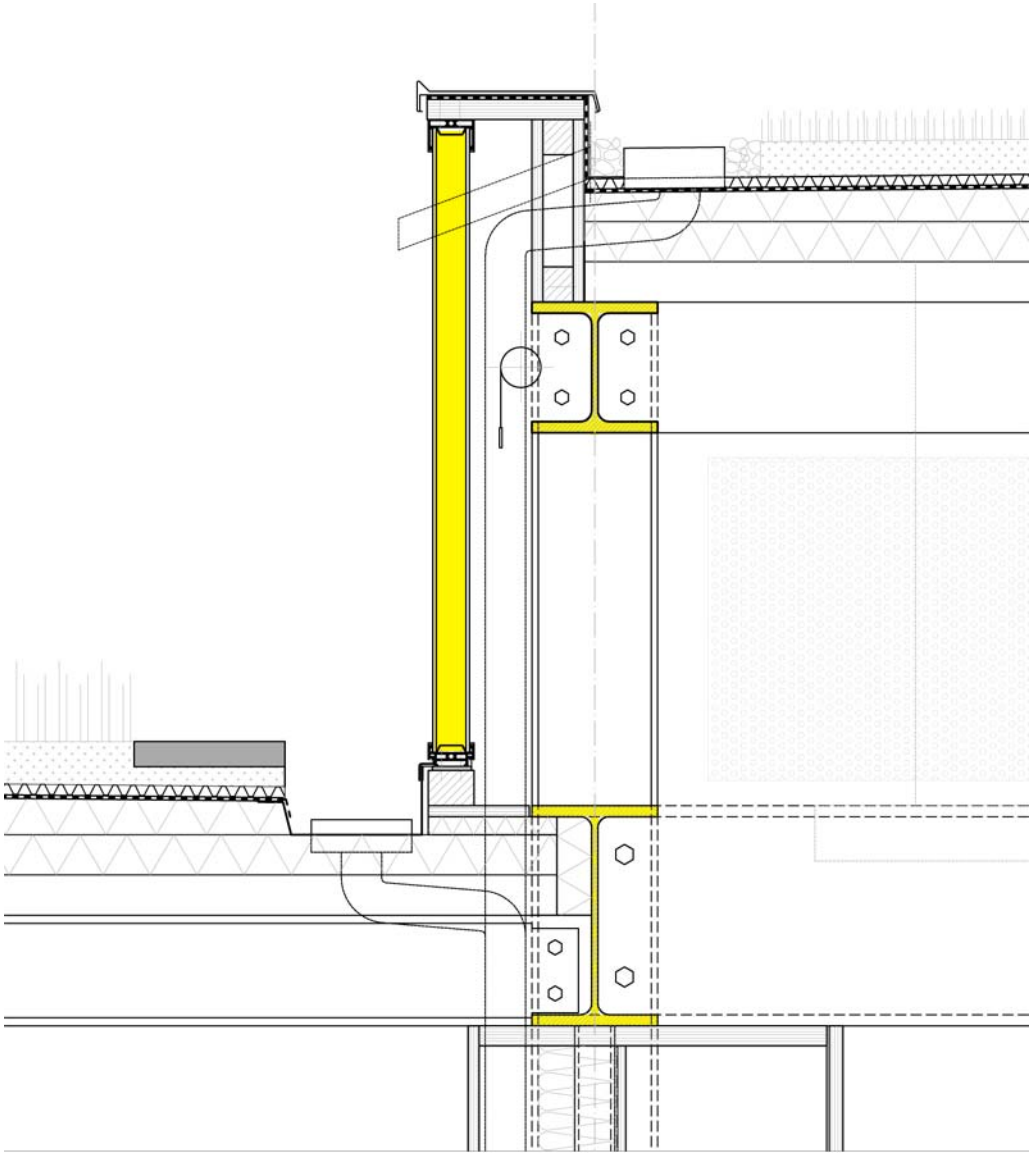

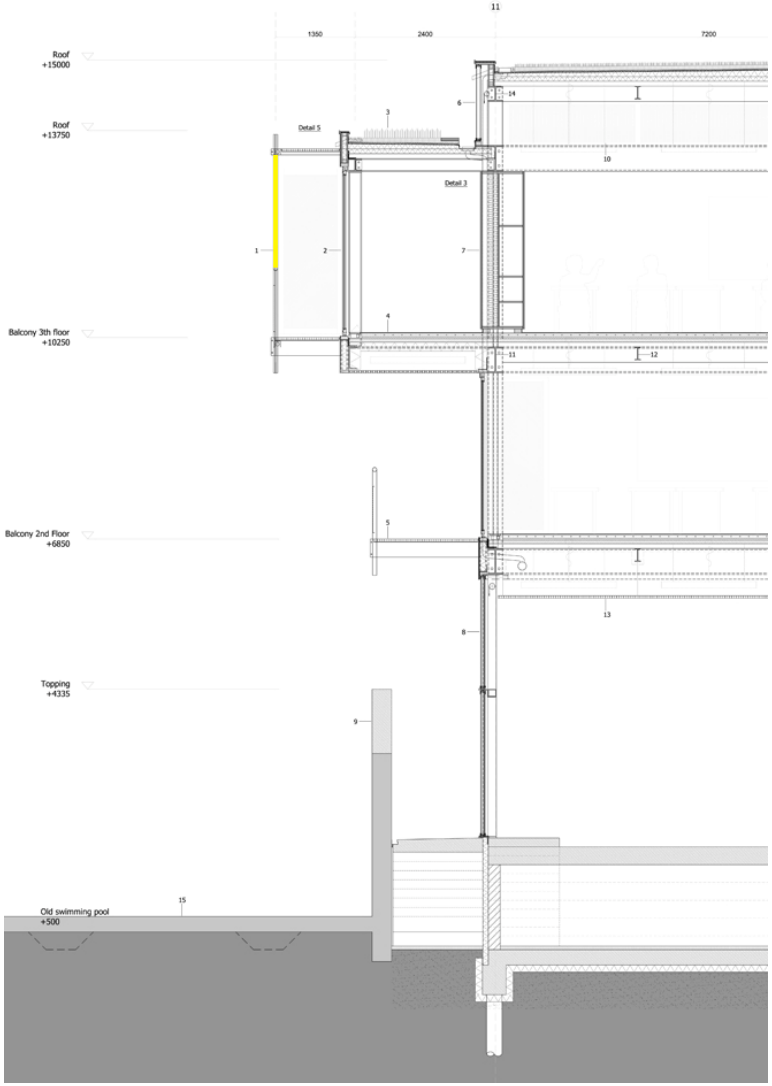
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Roof
+13750
Detail 5
Detail 3
Balcony 3th floor
+10250
Balcony 2nd Floor
+6850
Topping
+4335
Old swimming pool
+500
1
2
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6
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12
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15

F
D
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Roof
+13950
Facade line
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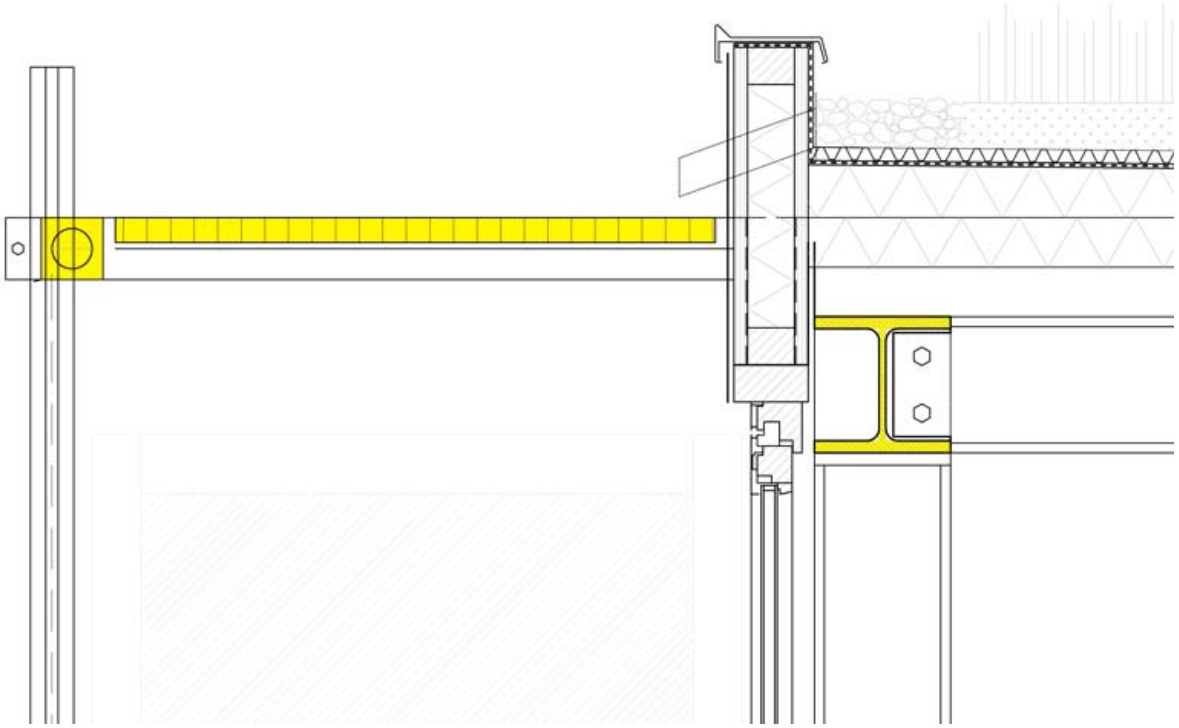

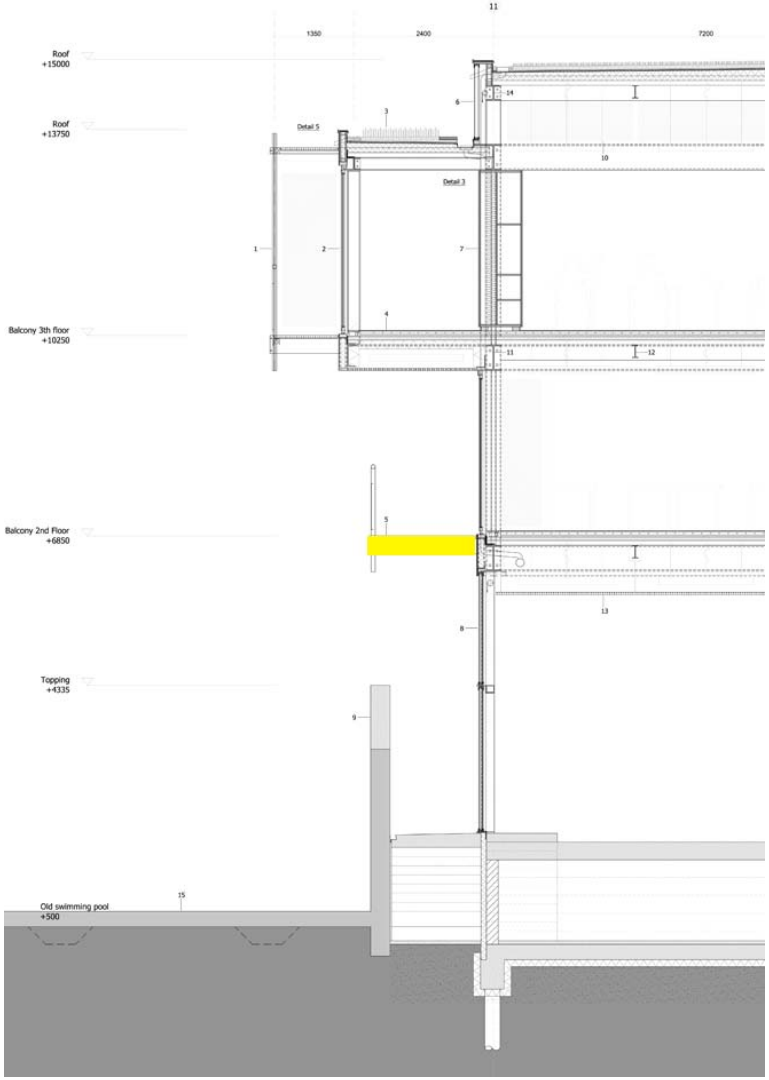
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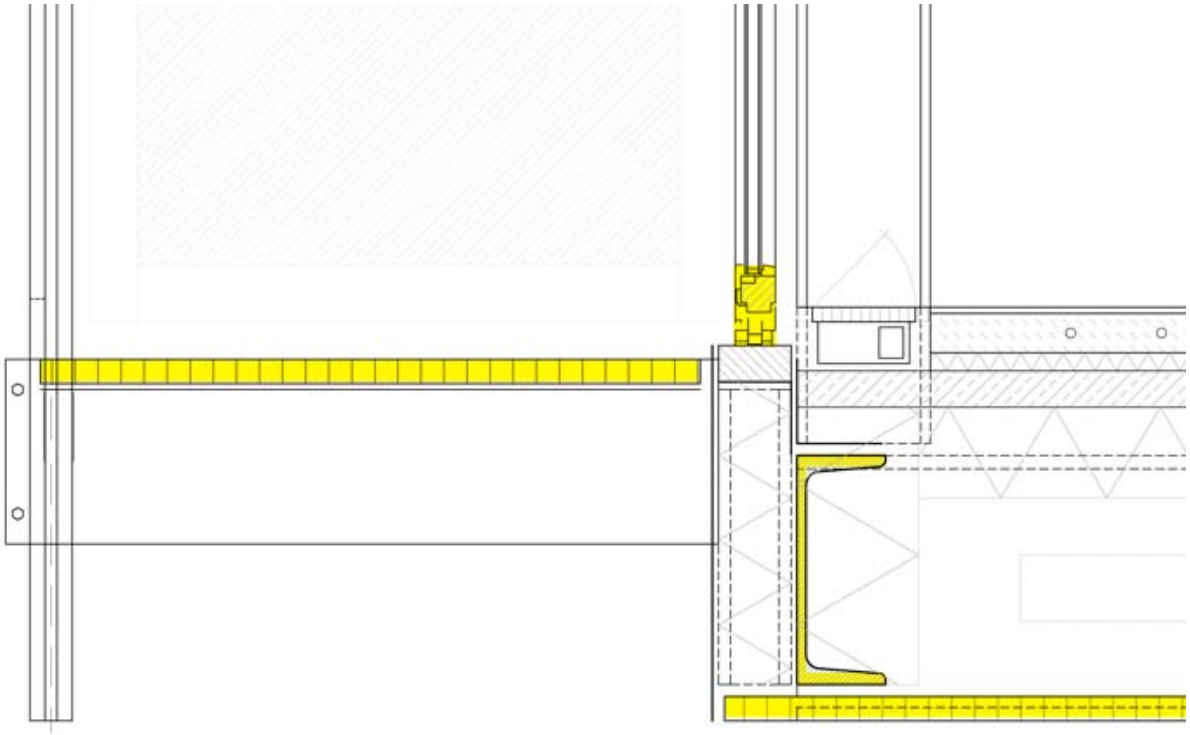

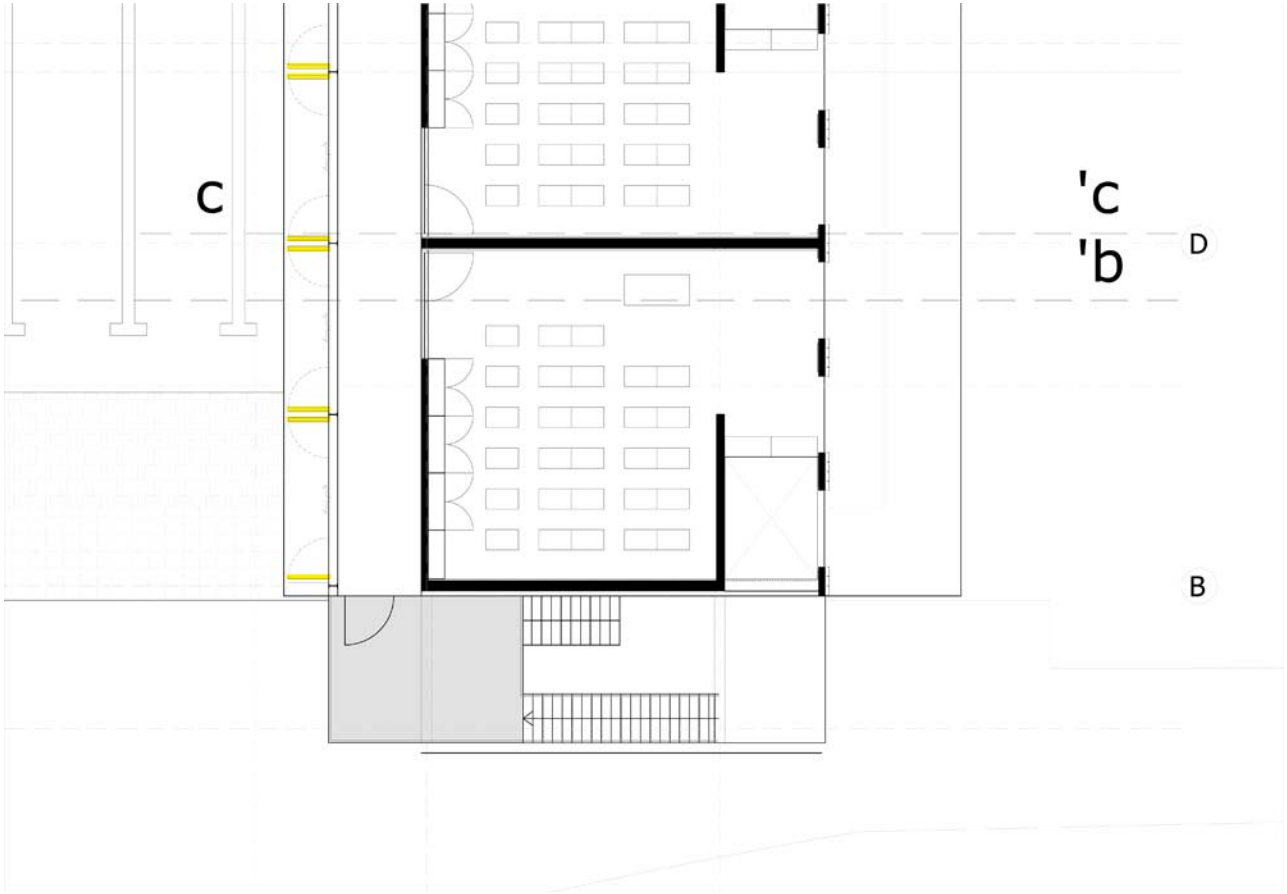
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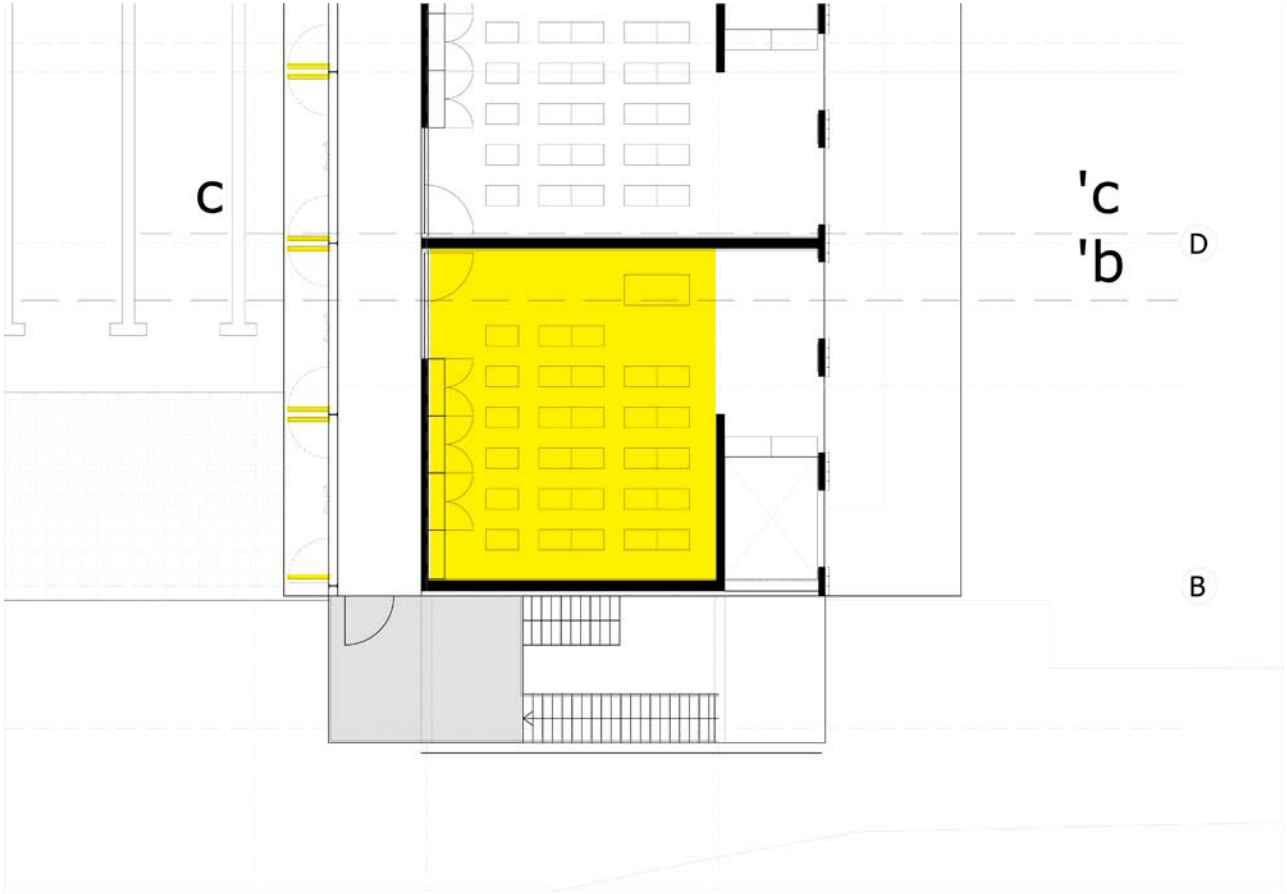
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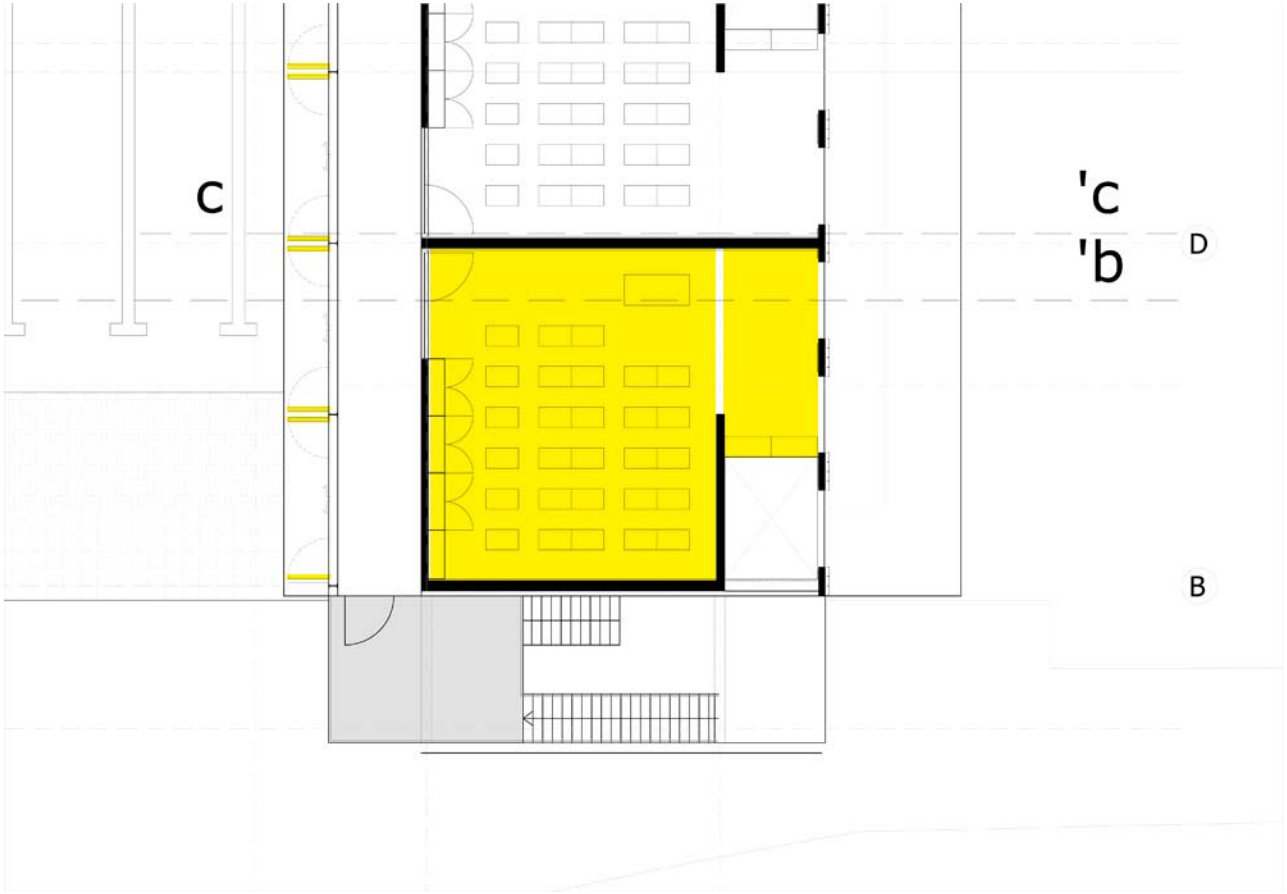
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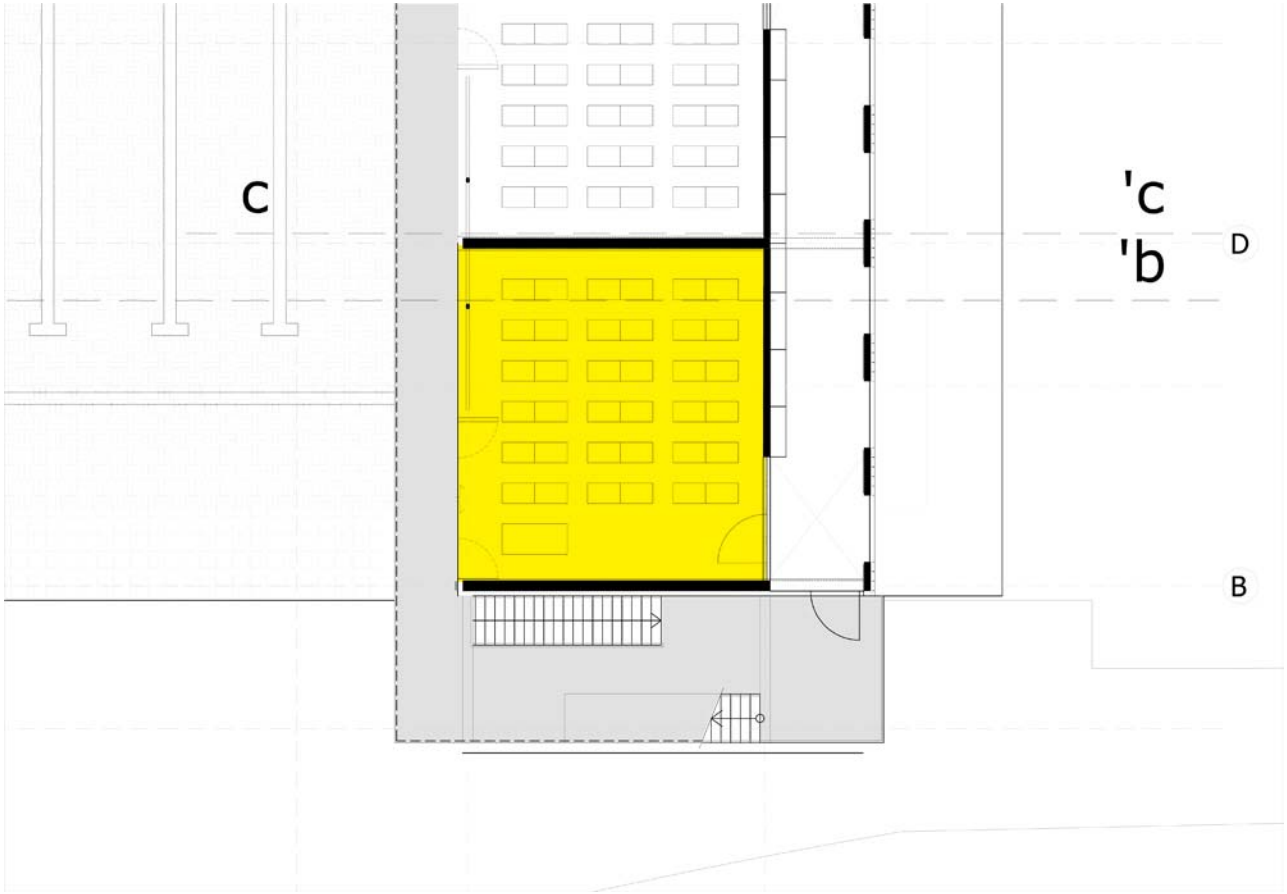
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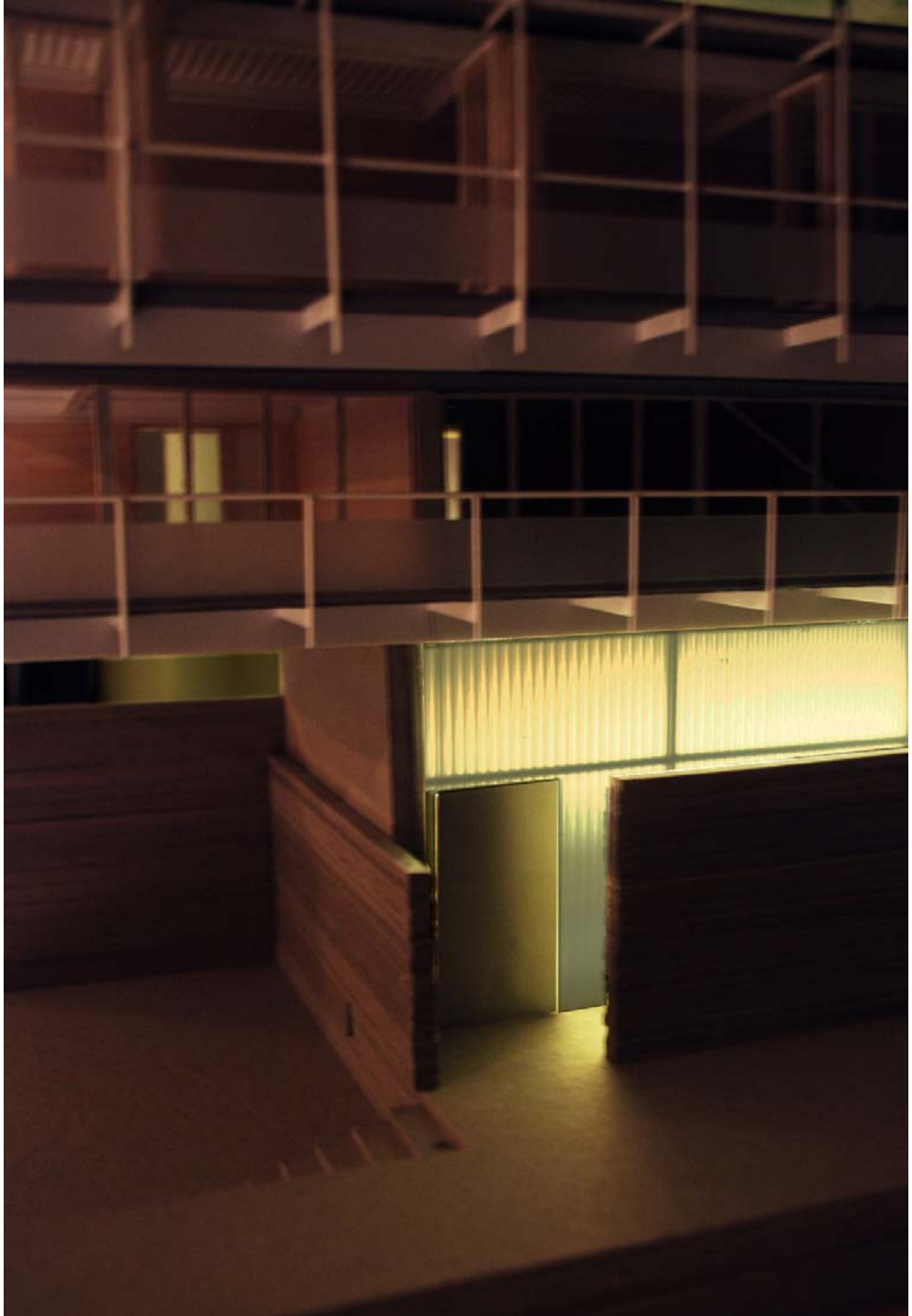

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