



**PS.64 – THE FARMING SCHOOL**  
**BISHER TABBAA**  
**THE XR STUDIO**  
**GORDON KIPPING**

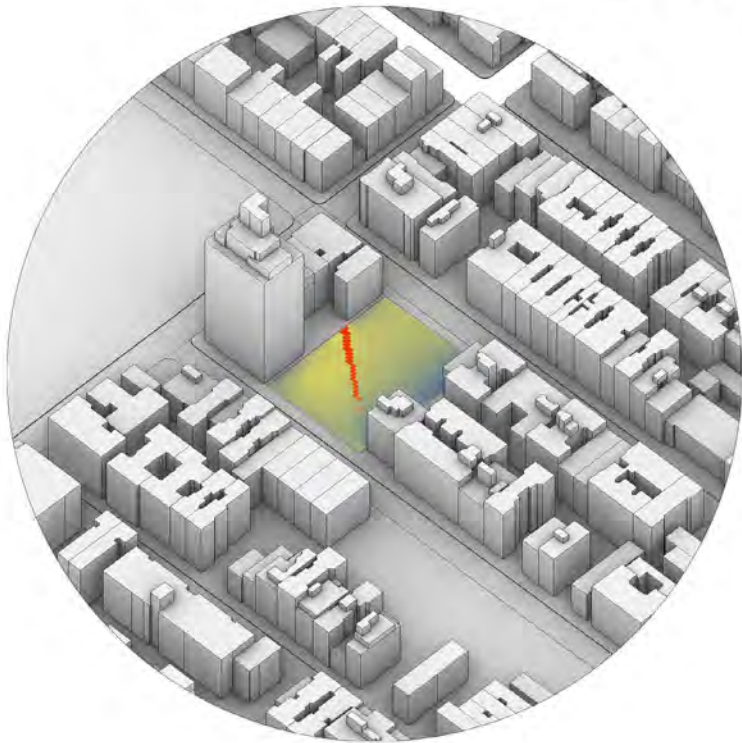
Site Analysis

Site map

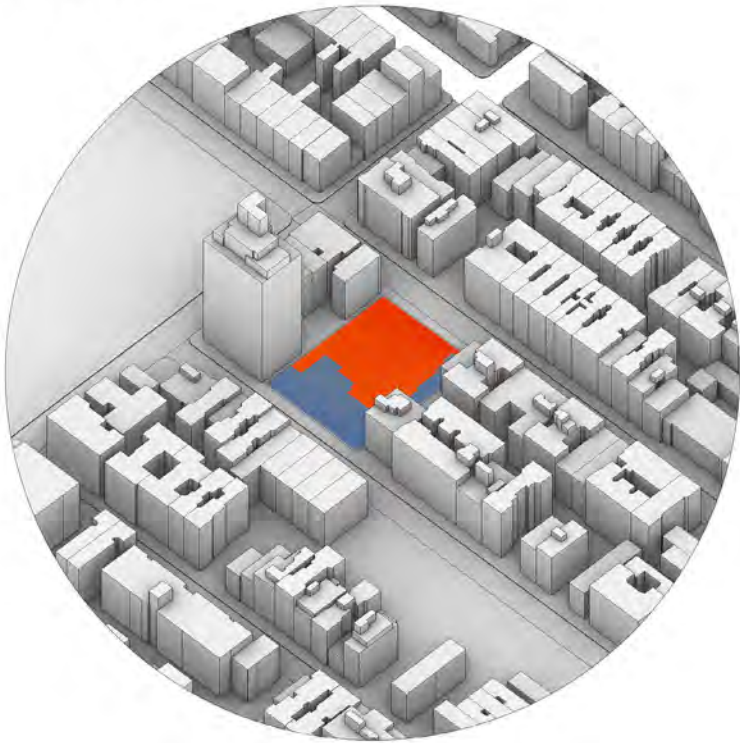




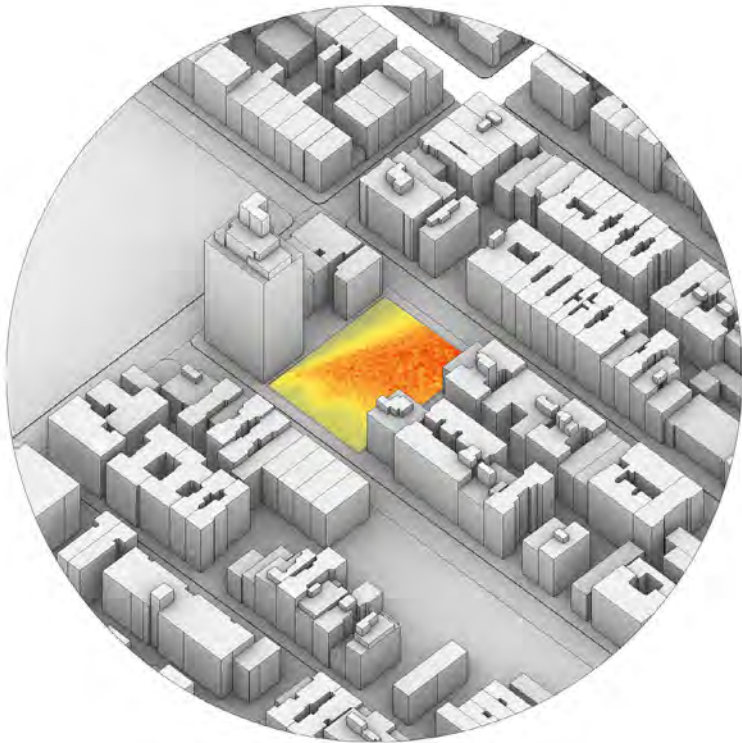
December 1st



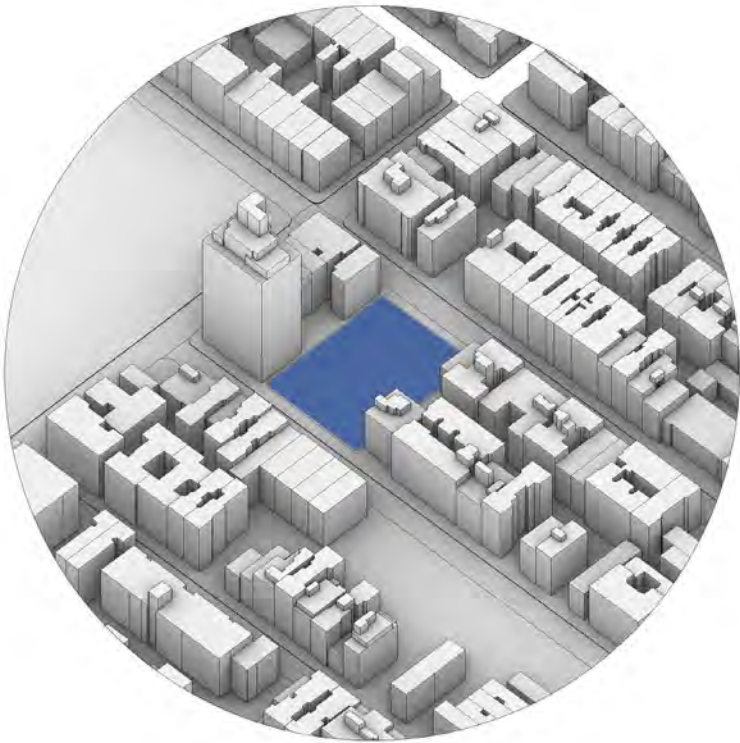
8 am



11 am



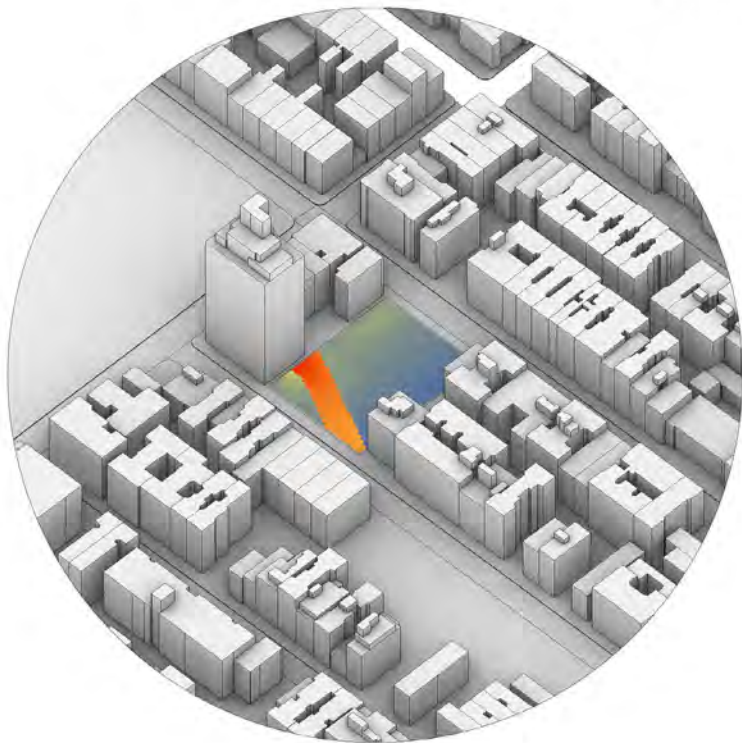
2 pm



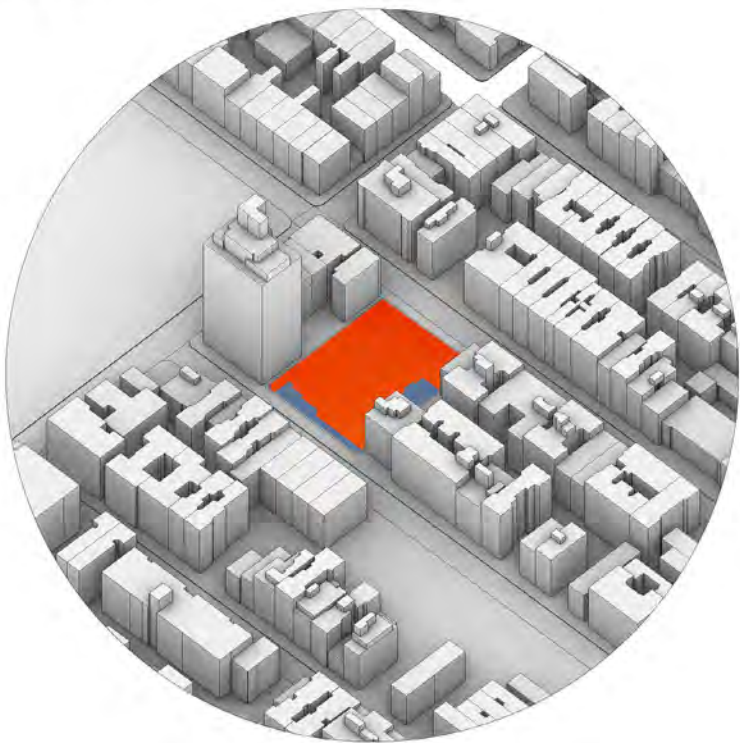
6 pm



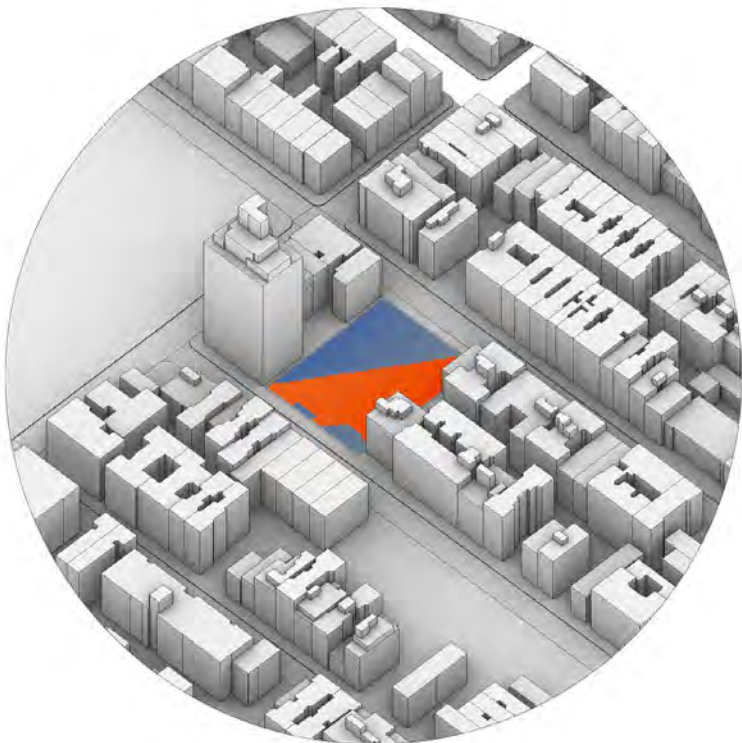
March 1st



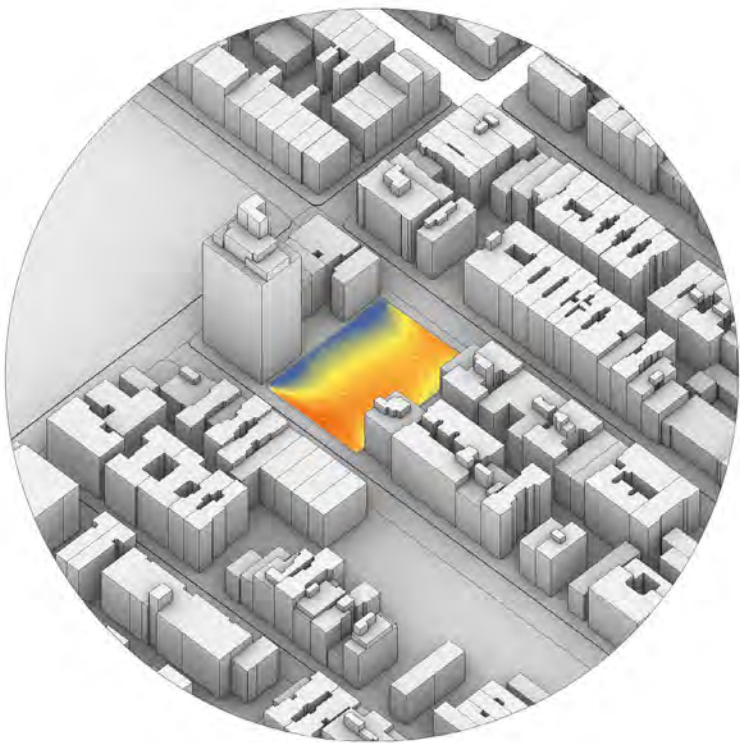
8 am



11 am



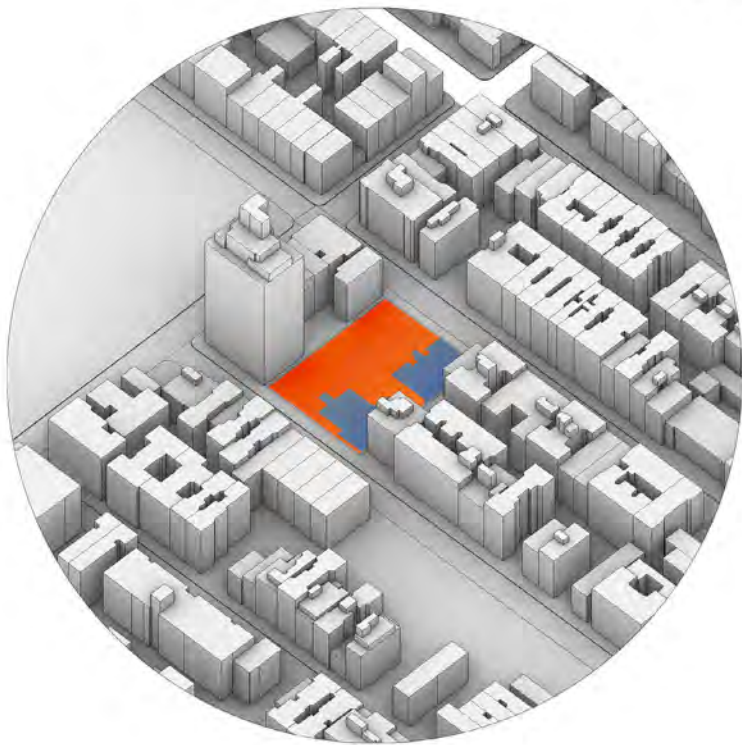
2 pm



6 pm



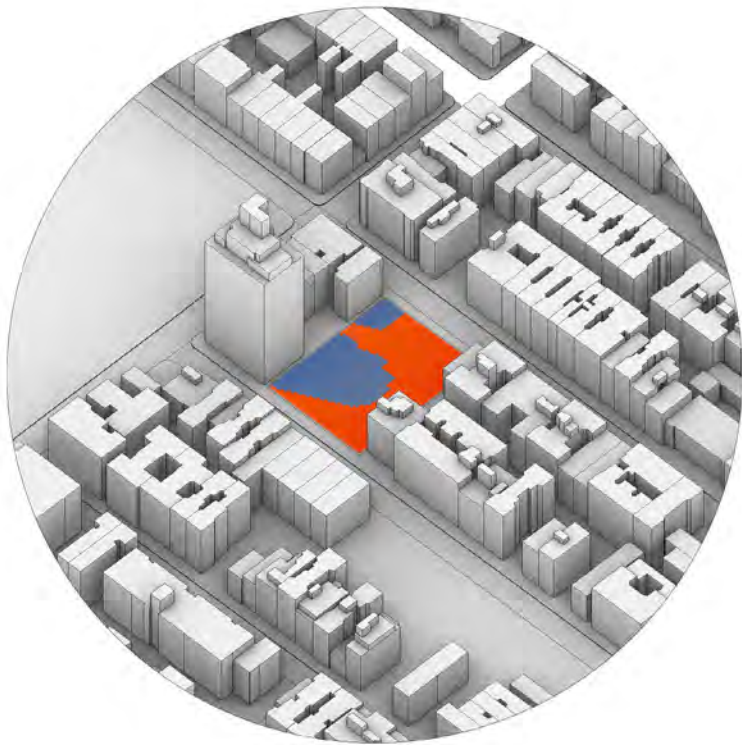
June 1st



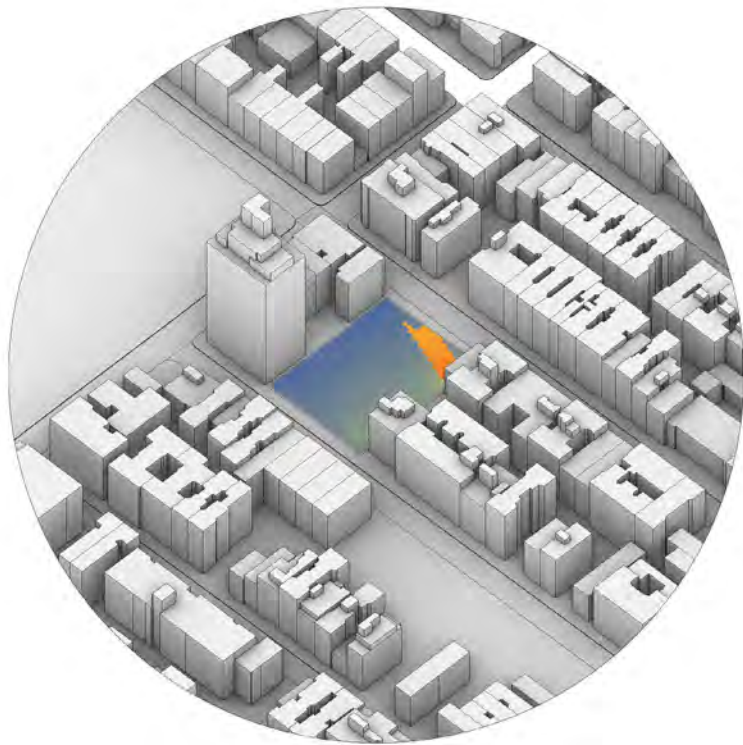
8 am



11 am



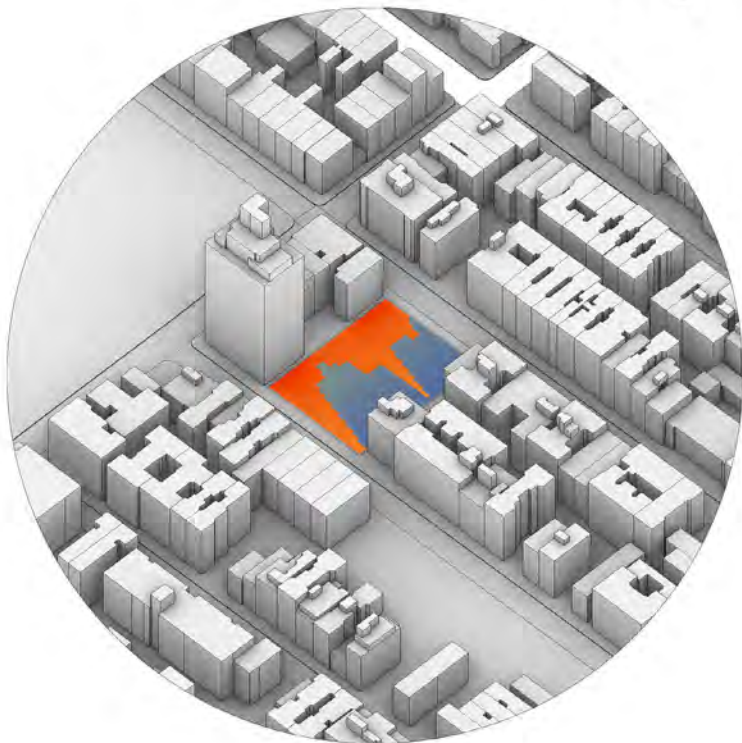
2 pm



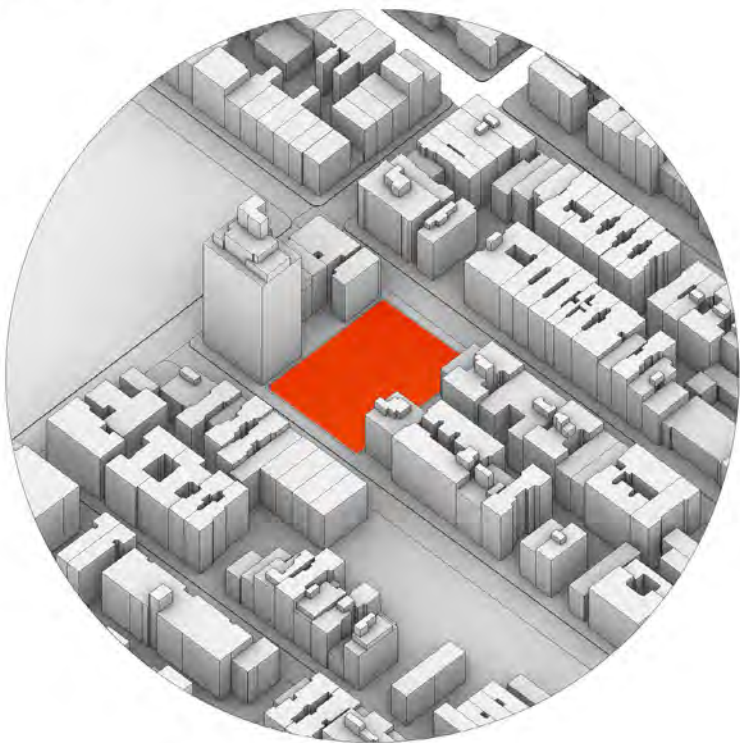
6 pm



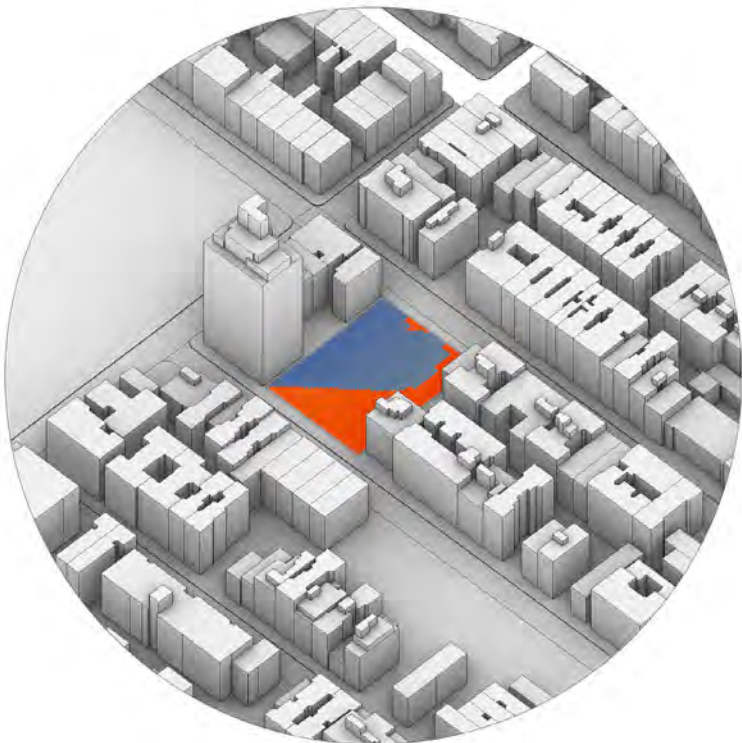
September 1st



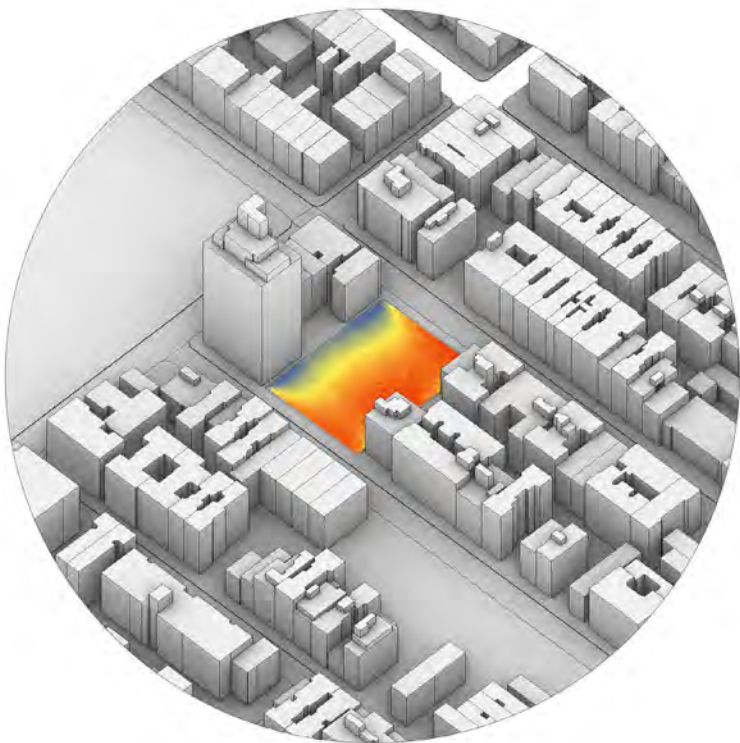
8 am



11 am

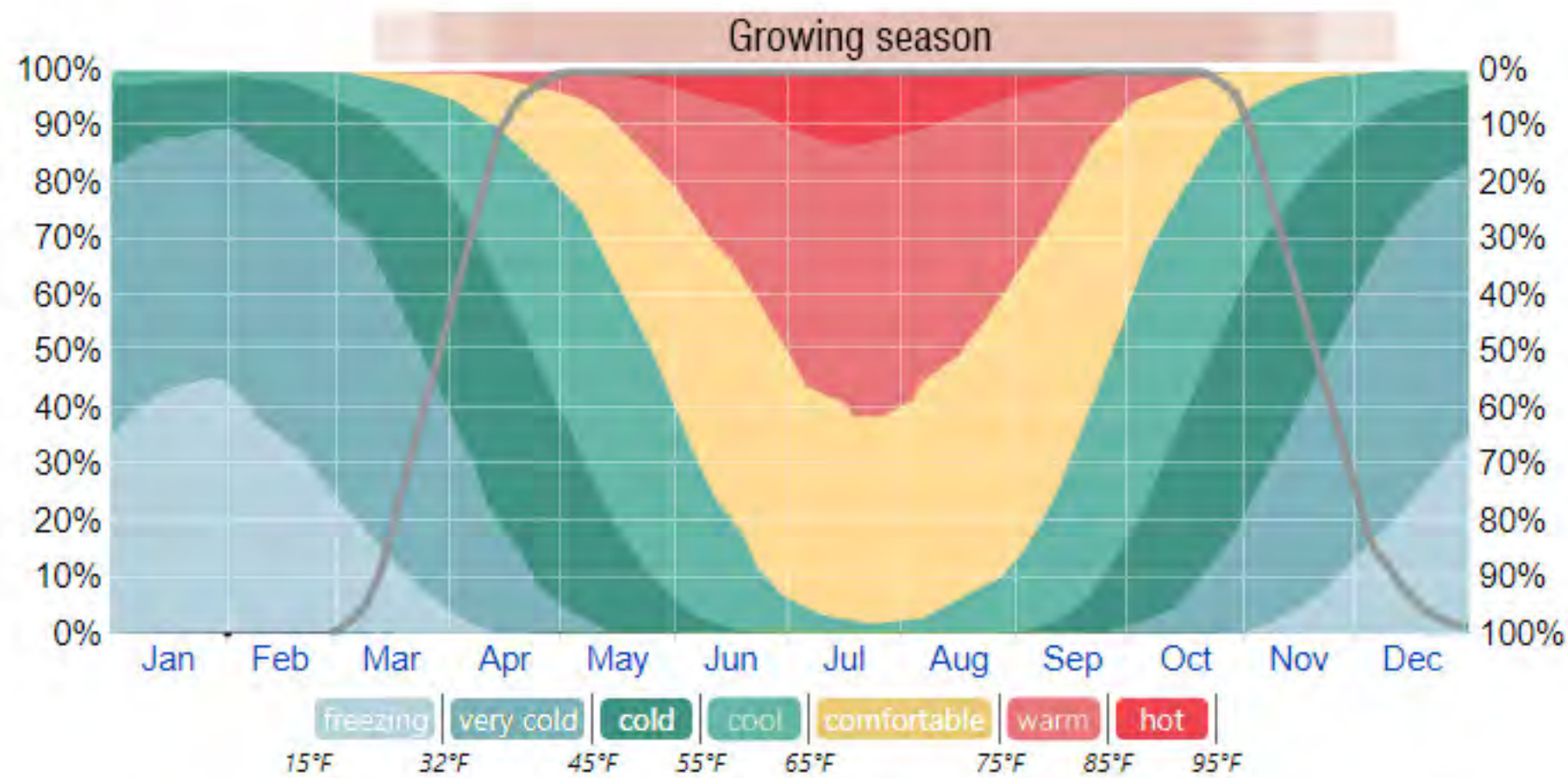


2 pm

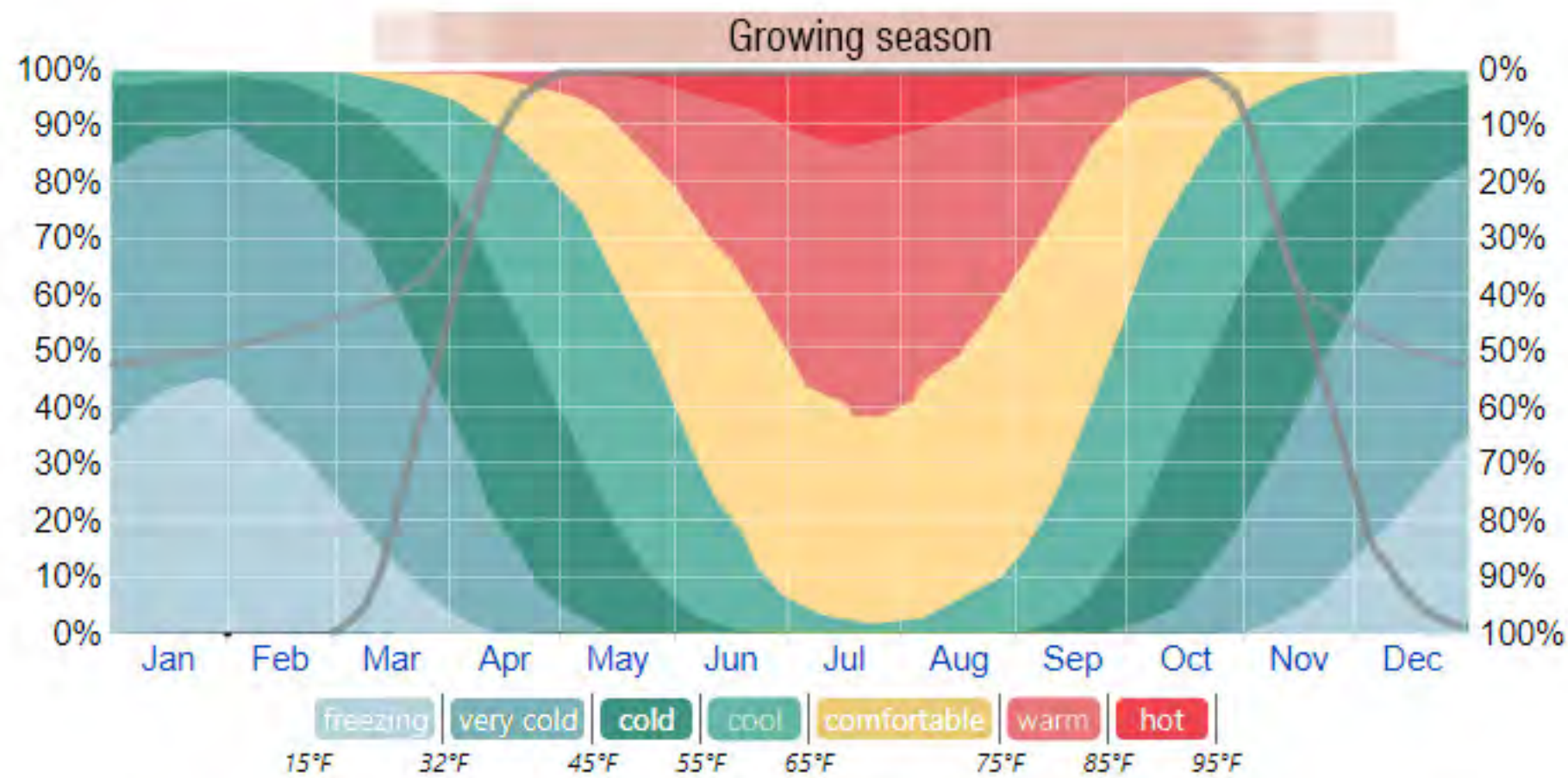


6 pm





*The percentage of time spent in various temperature bands. The black line is the percentage chance that a given day is within the growing season.*

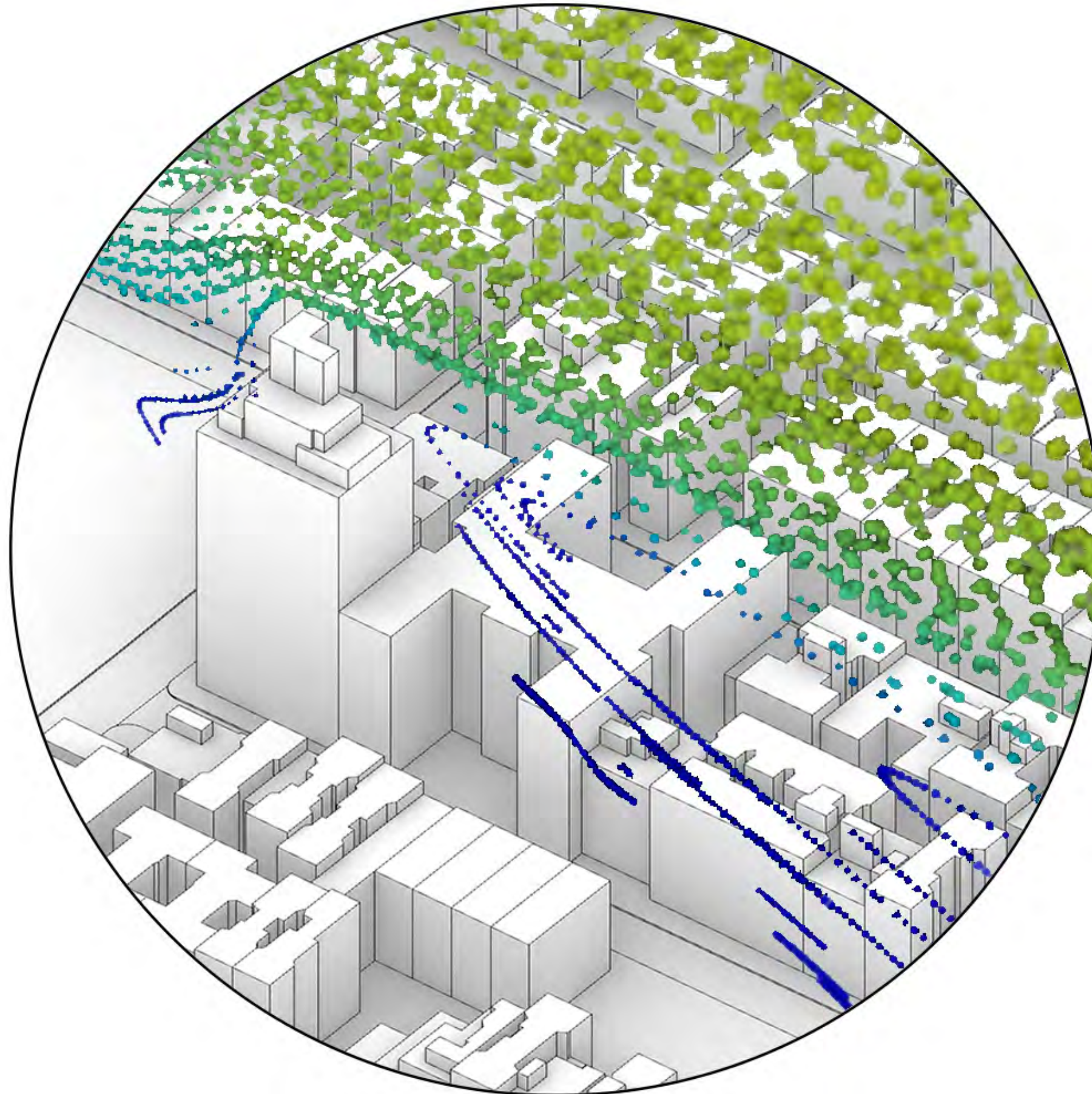


*The percentage of time spent in various temperature bands. The black line is the percentage chance that a given day is within the growing season.*



# Site Analysis

Wind flow



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Planting																							
Classes																							
Arts																							
Sciences																							
Gymnasium																							
Playground																							
Kitchen																							
Cafeteria																							











# Concept

Program - Classrooms



# Concept

Program - Exterior





# Concept

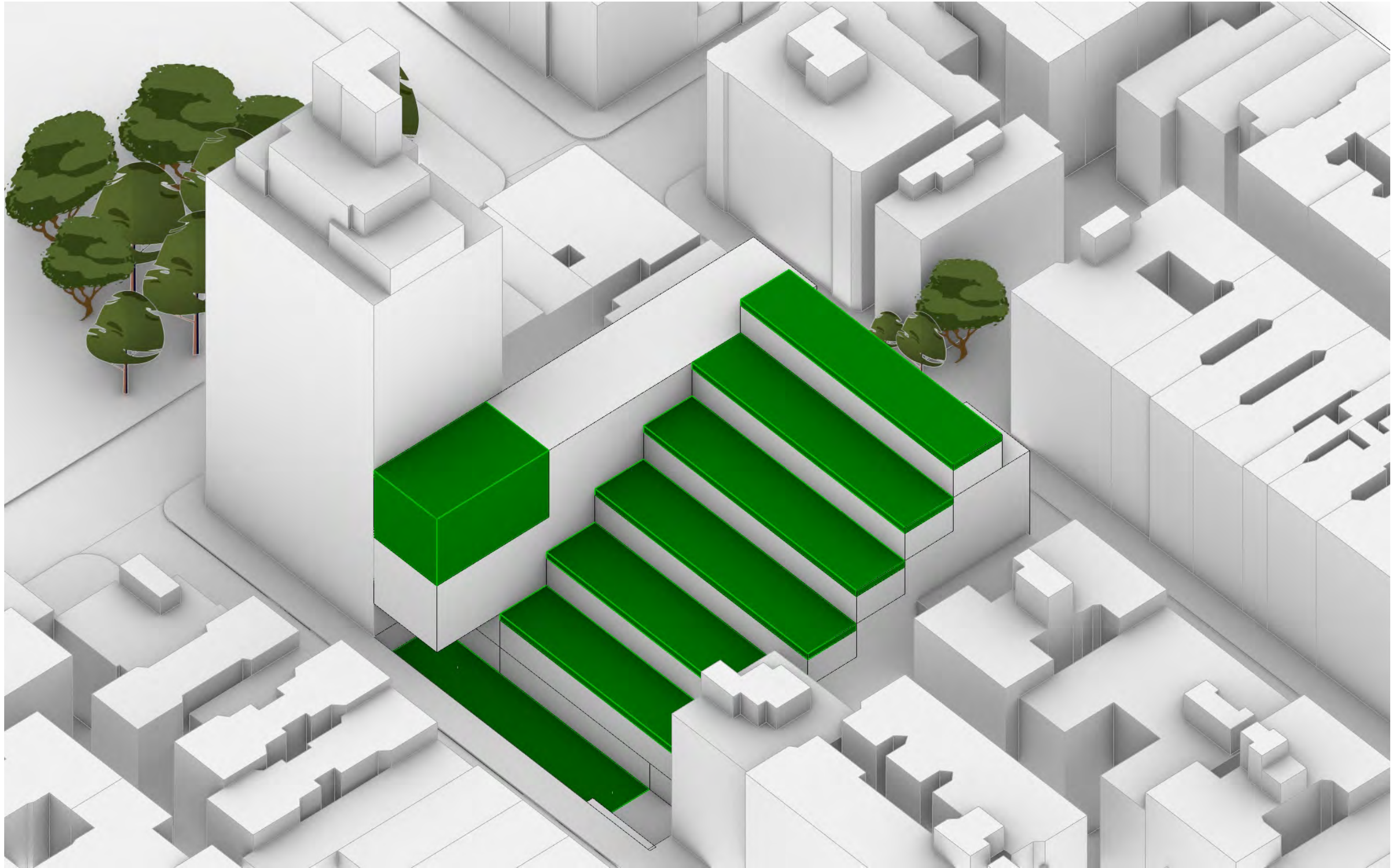
Program - Kitchen





# Concept

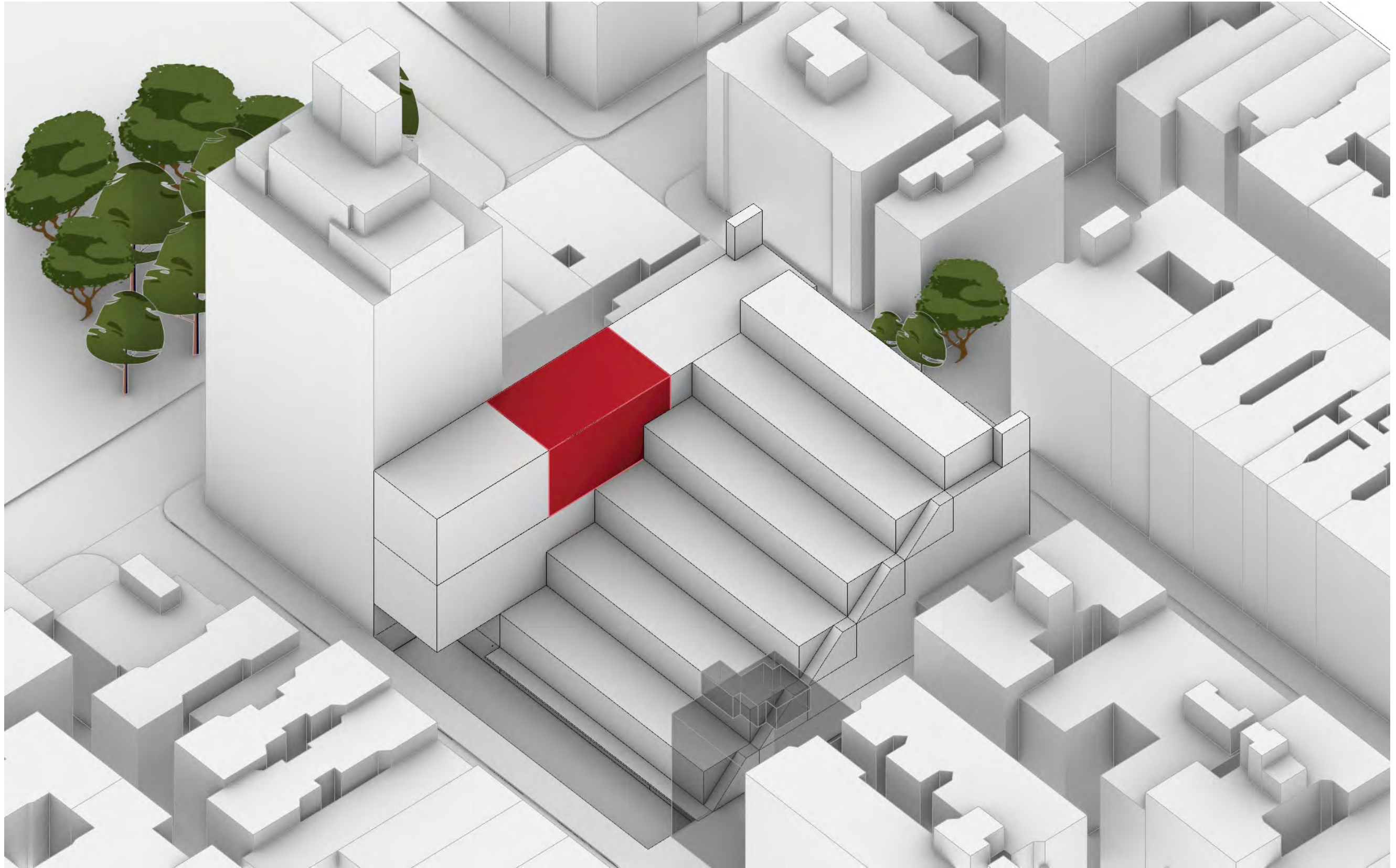
Program - Vegetation - Greenhouse - Hydroponics





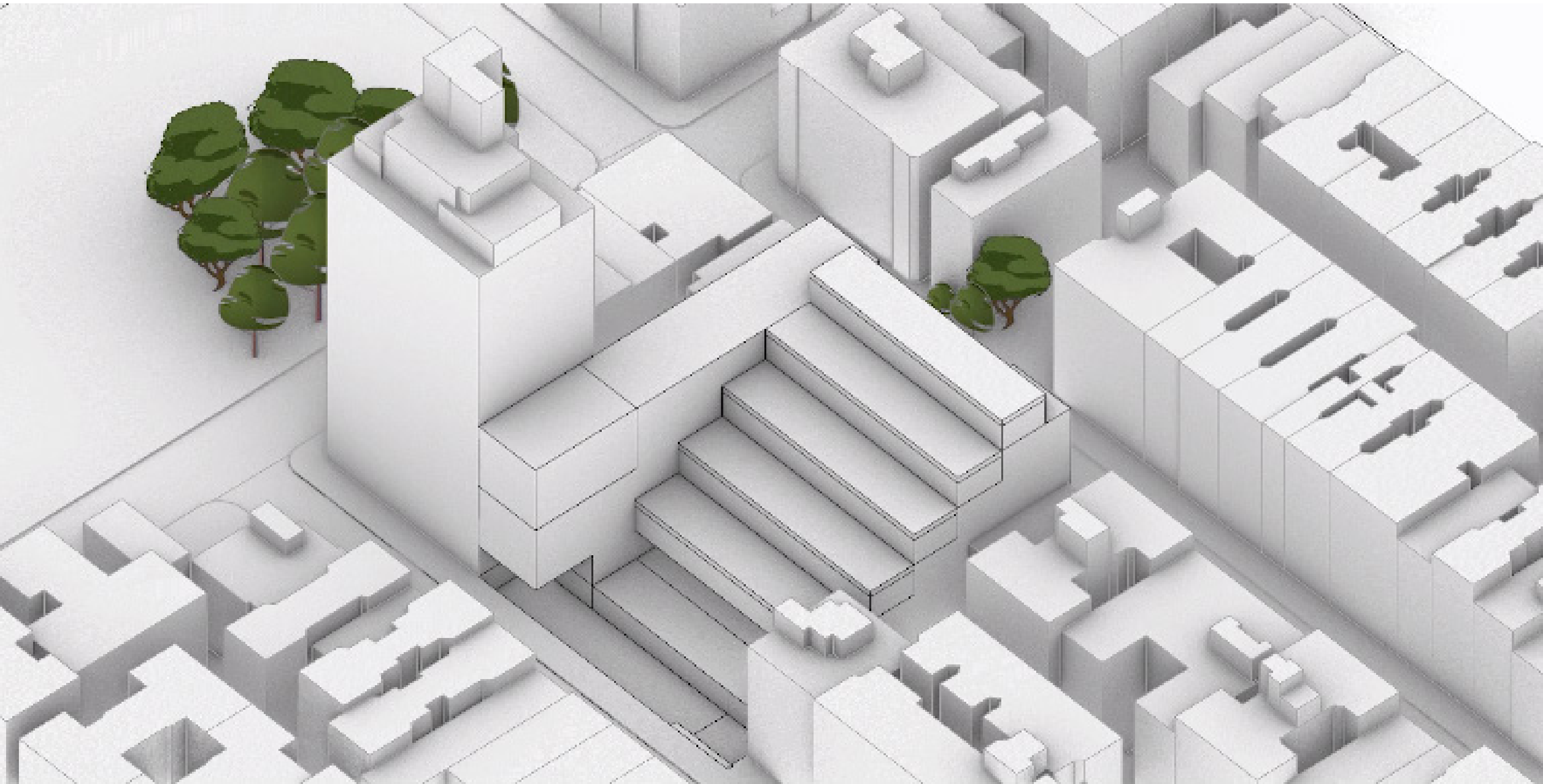
# Concept

Program - Science Labs



# Concept

Program - Cafeteria





# Concept

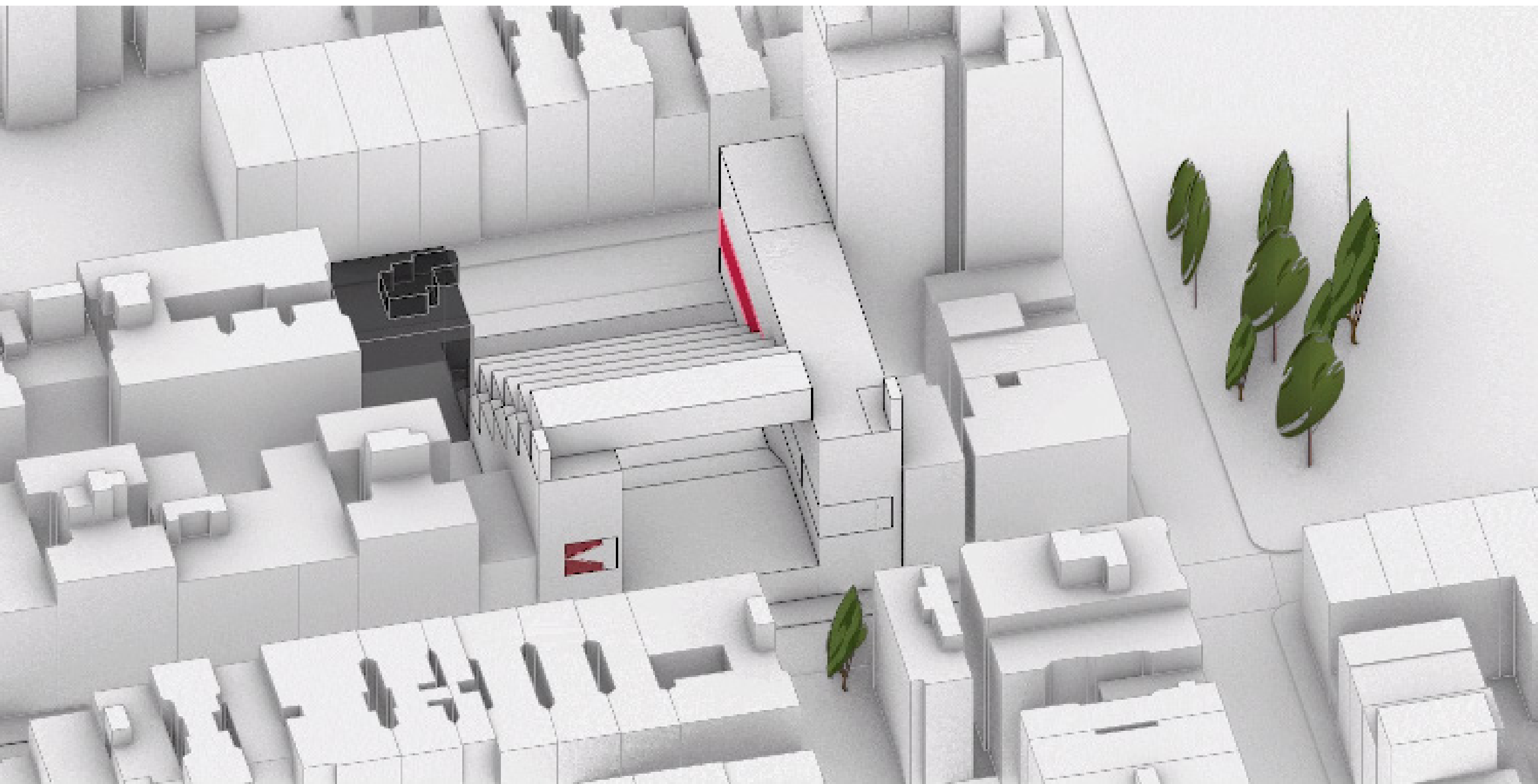
Program - Library

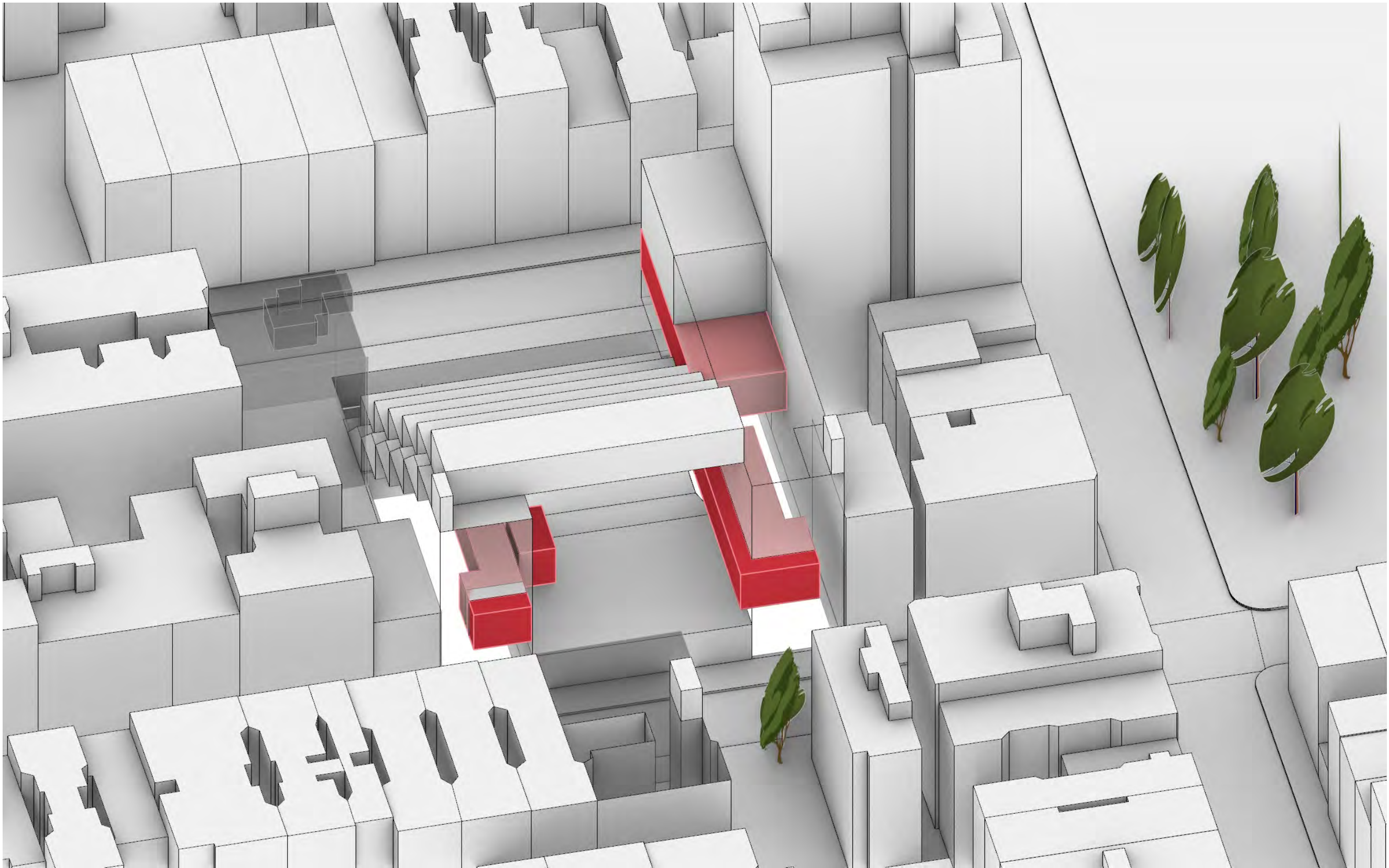








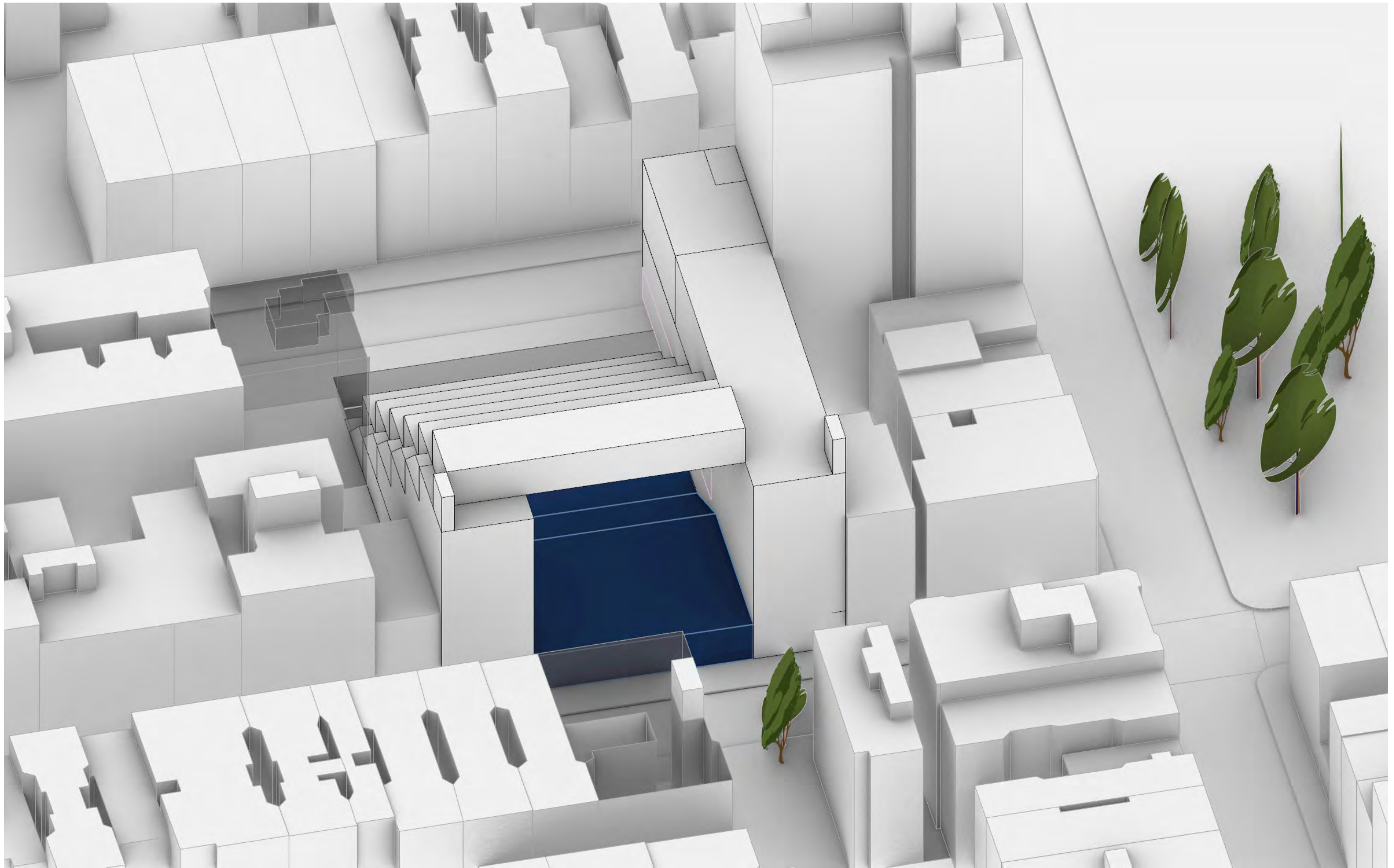






# Concept

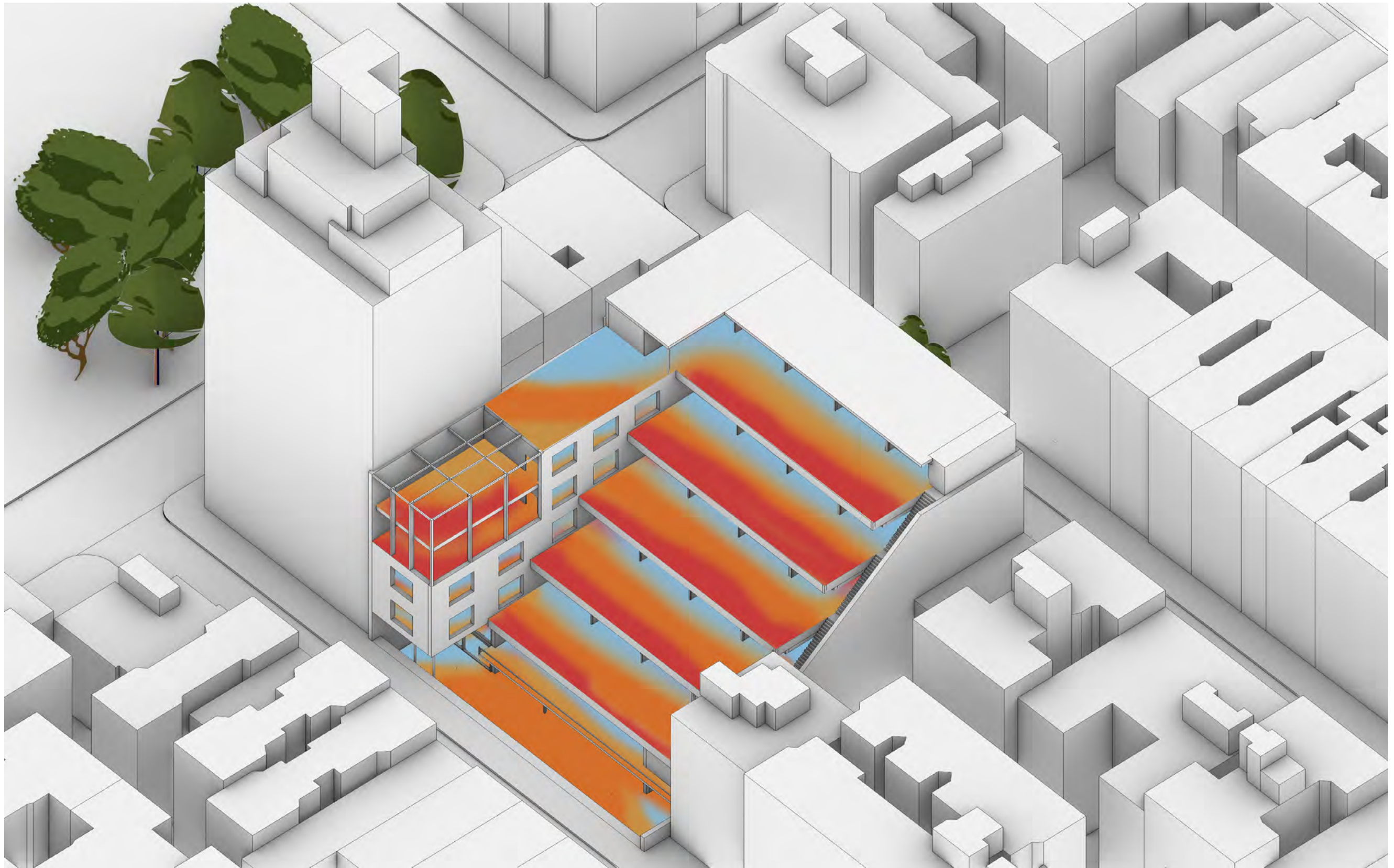
Program - Gym - Auditorium - Playground





## Developed design

Sunlight study



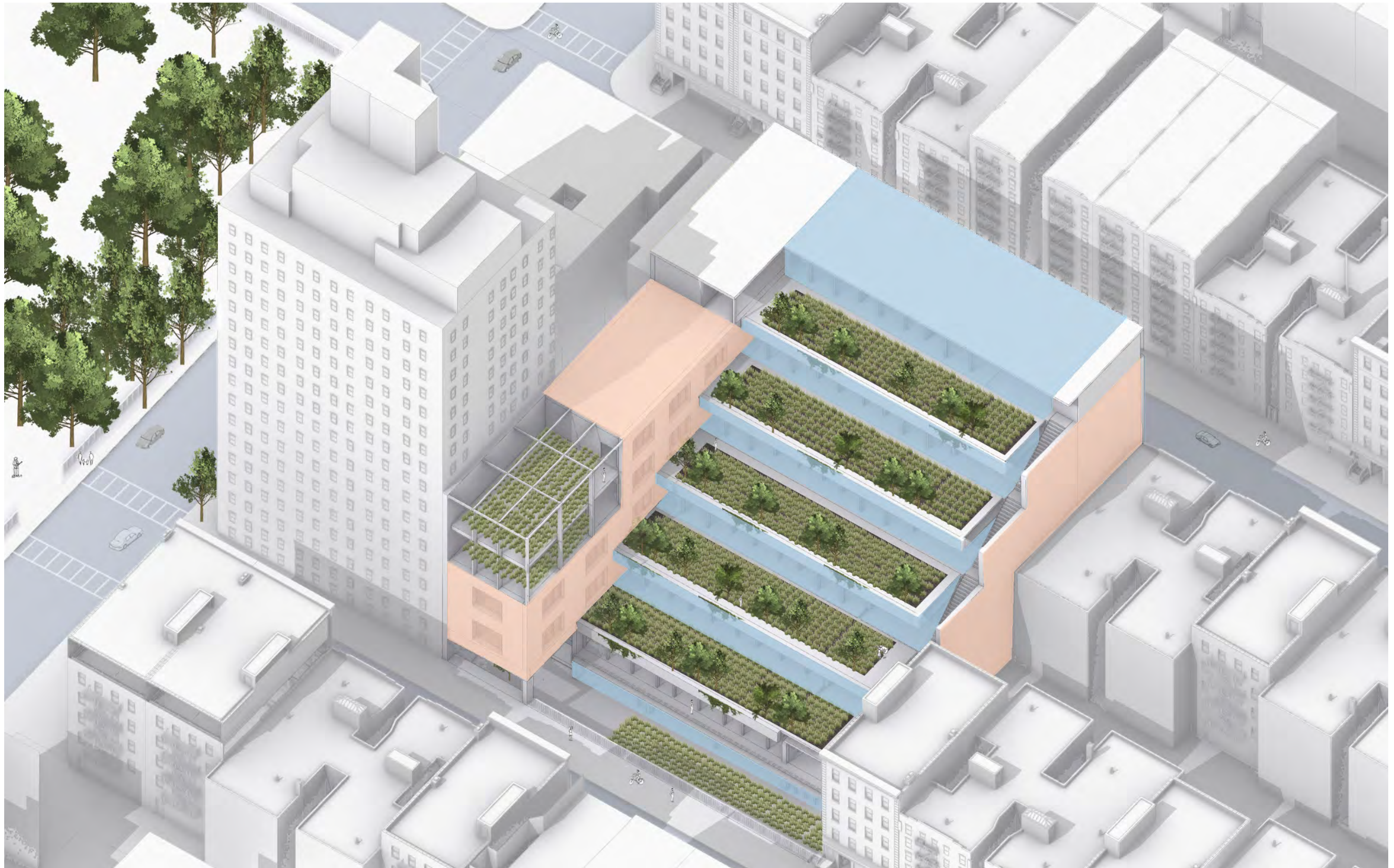


## Developed design





## Developed design





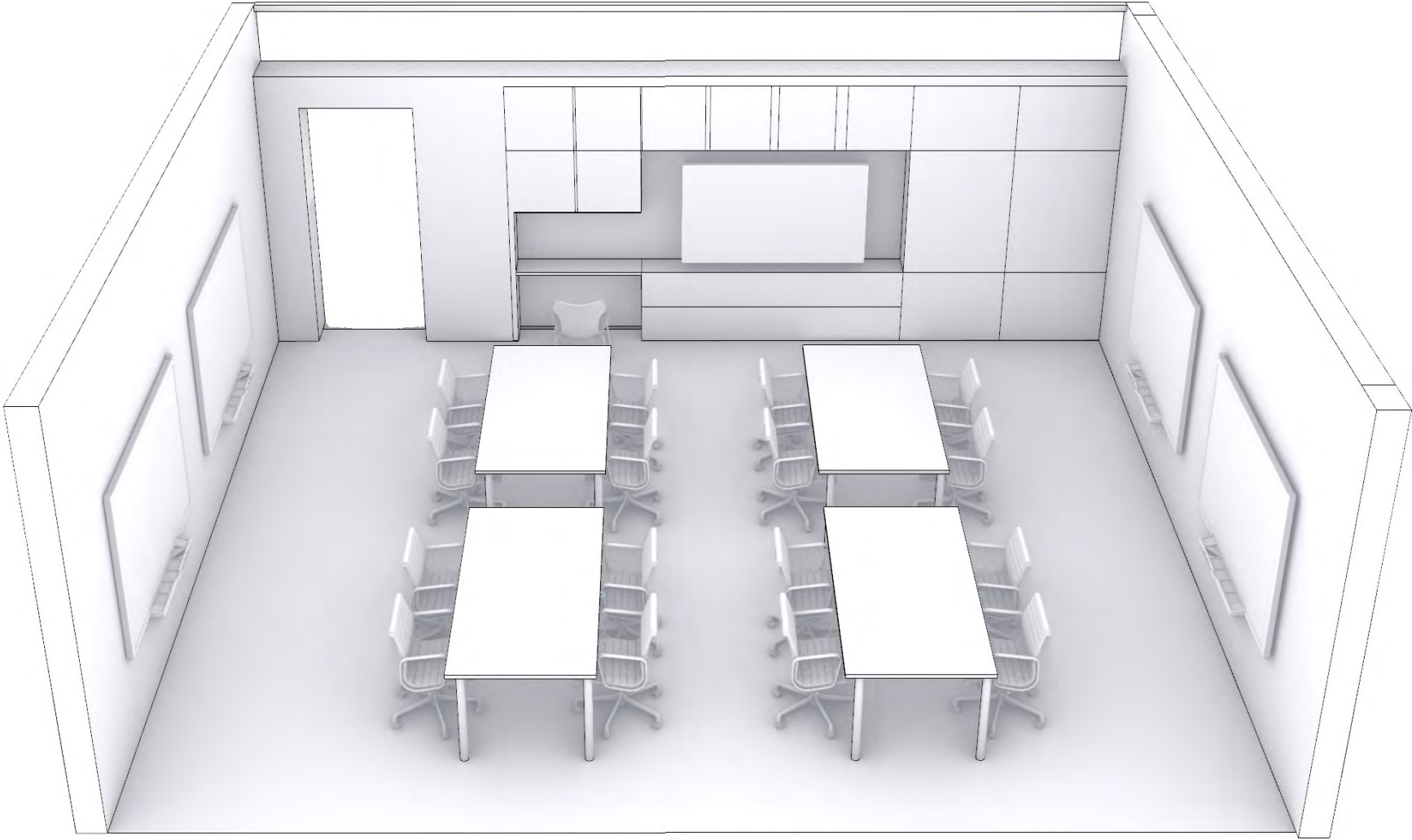
Developed design



Developed design

Instruction space taxonomy

1-8 Classroom

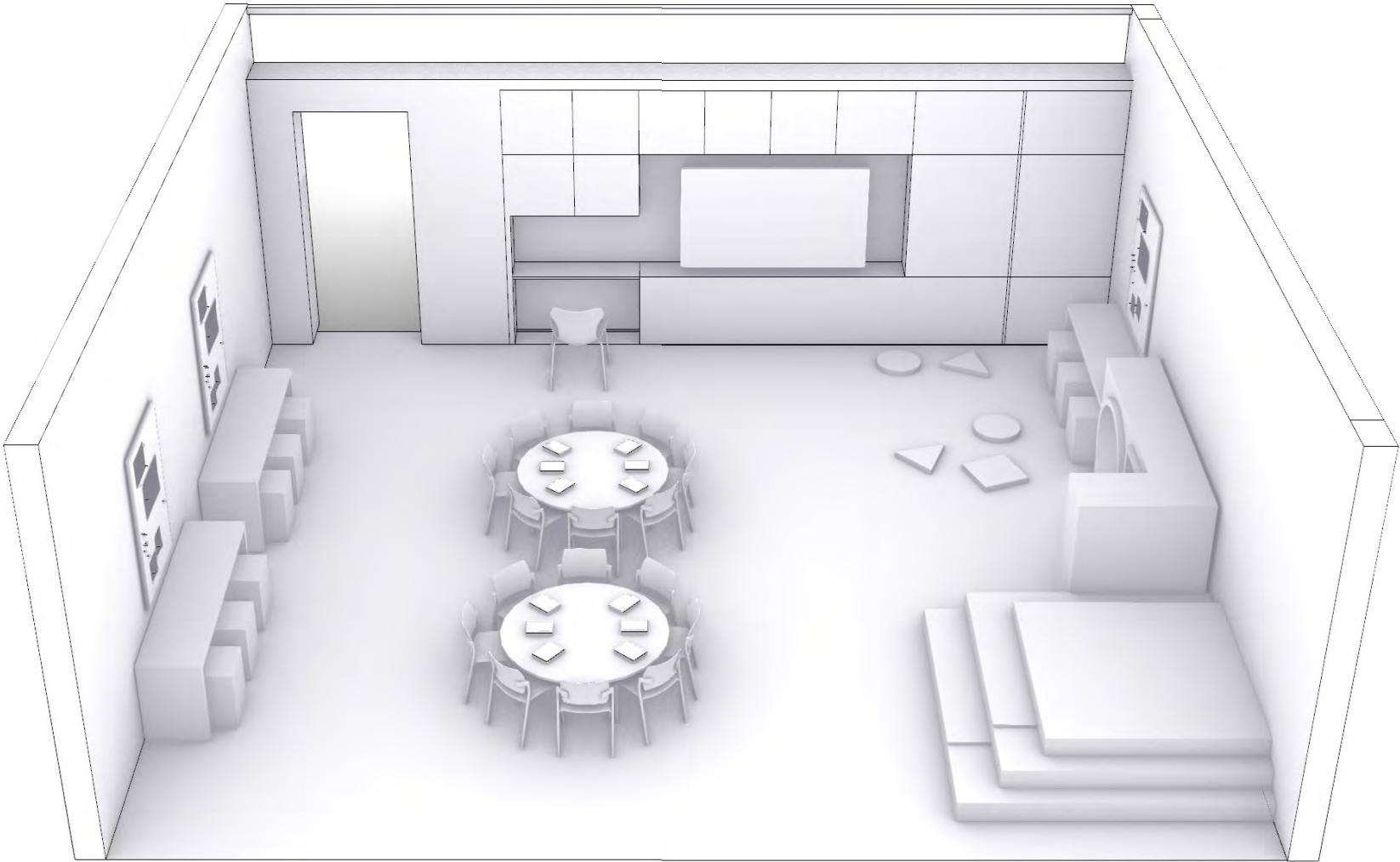




Developed design

Instruction space taxonomy

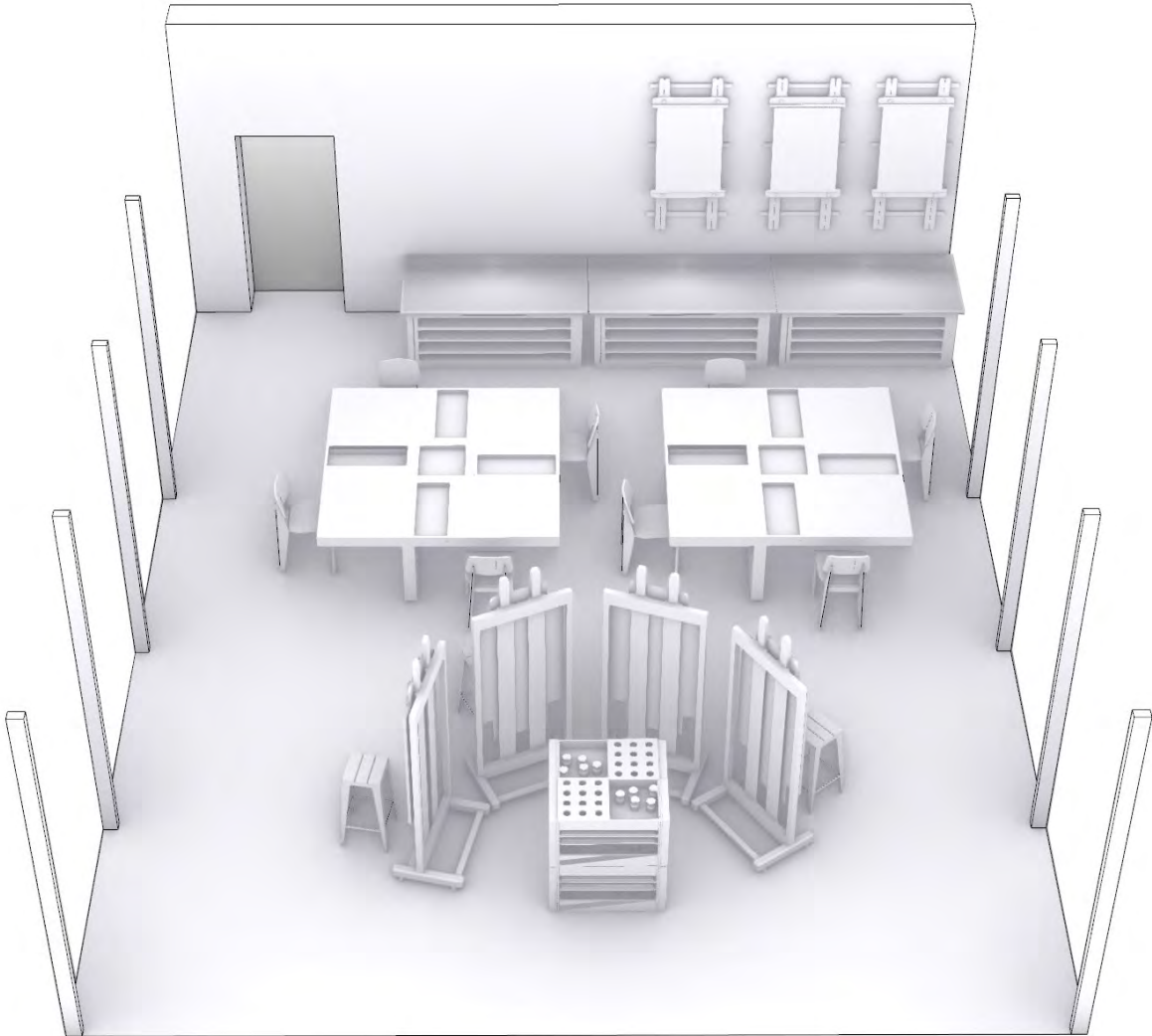
Kindergarten Classroom



Developed design

Instruction space taxonomy

Visual Arts Classroom

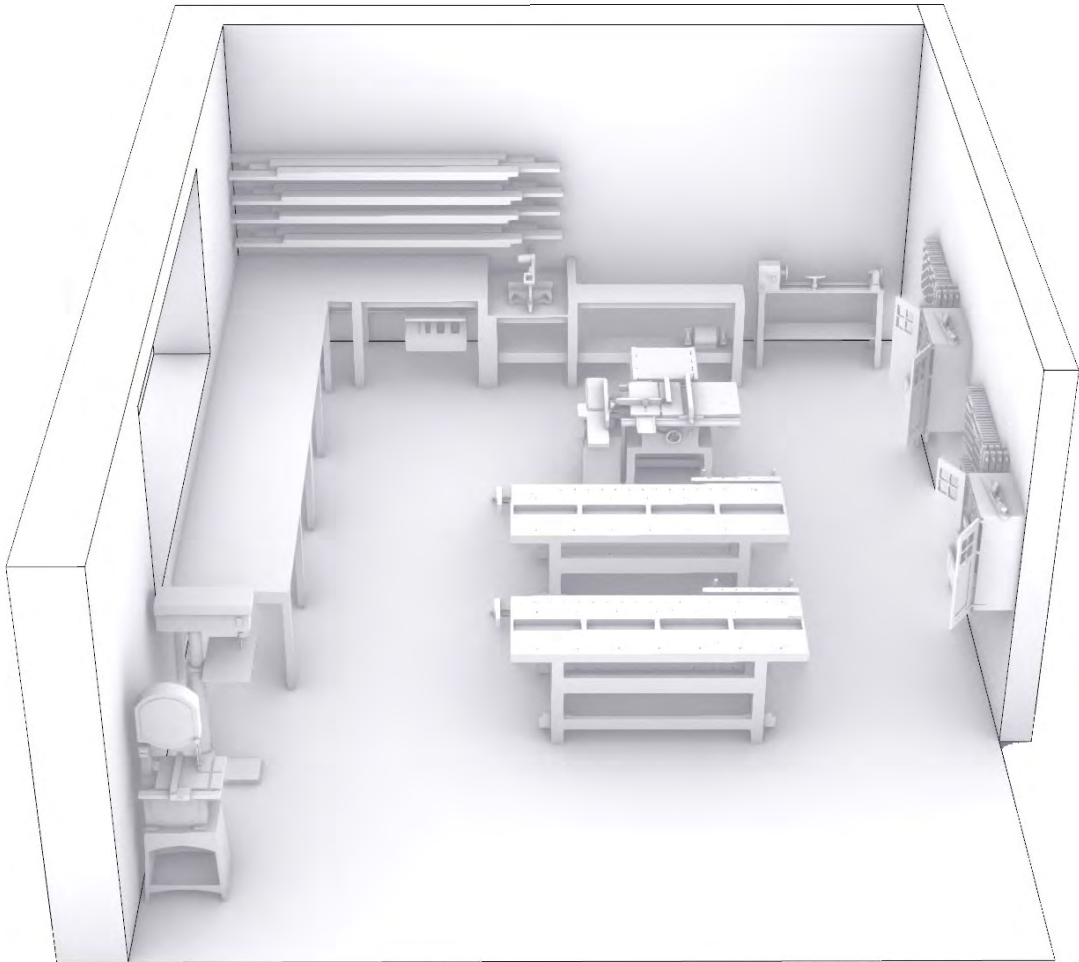


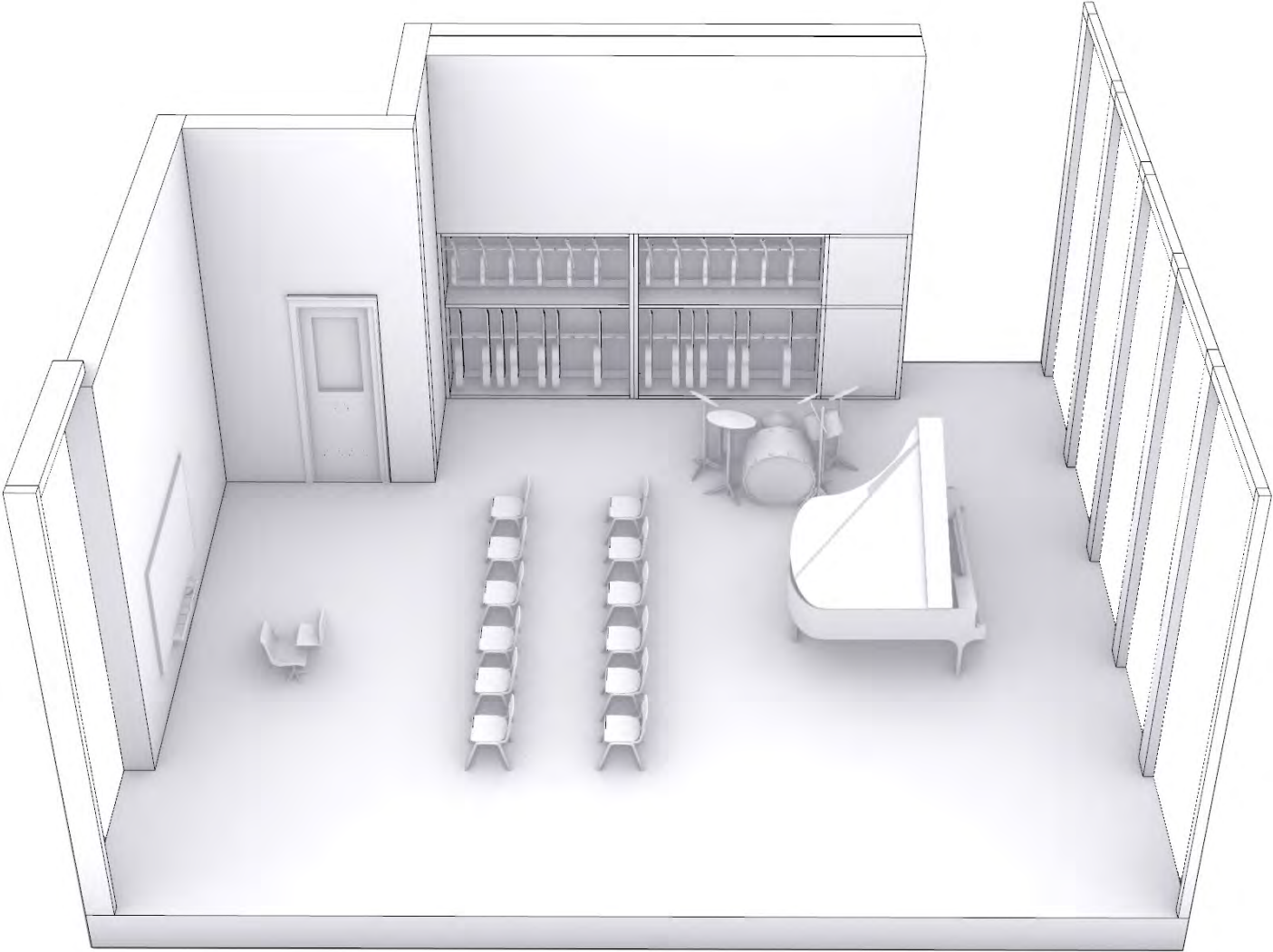


Developed design

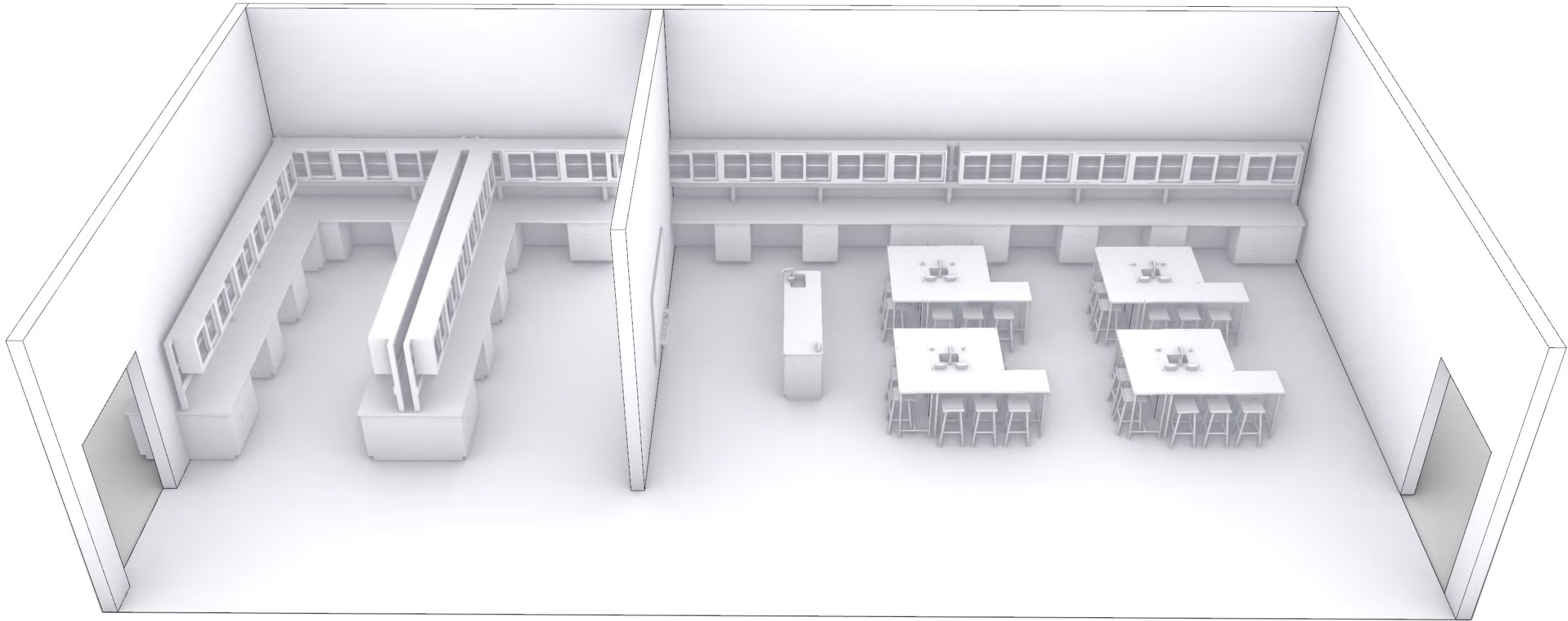
Instruction space taxonomy

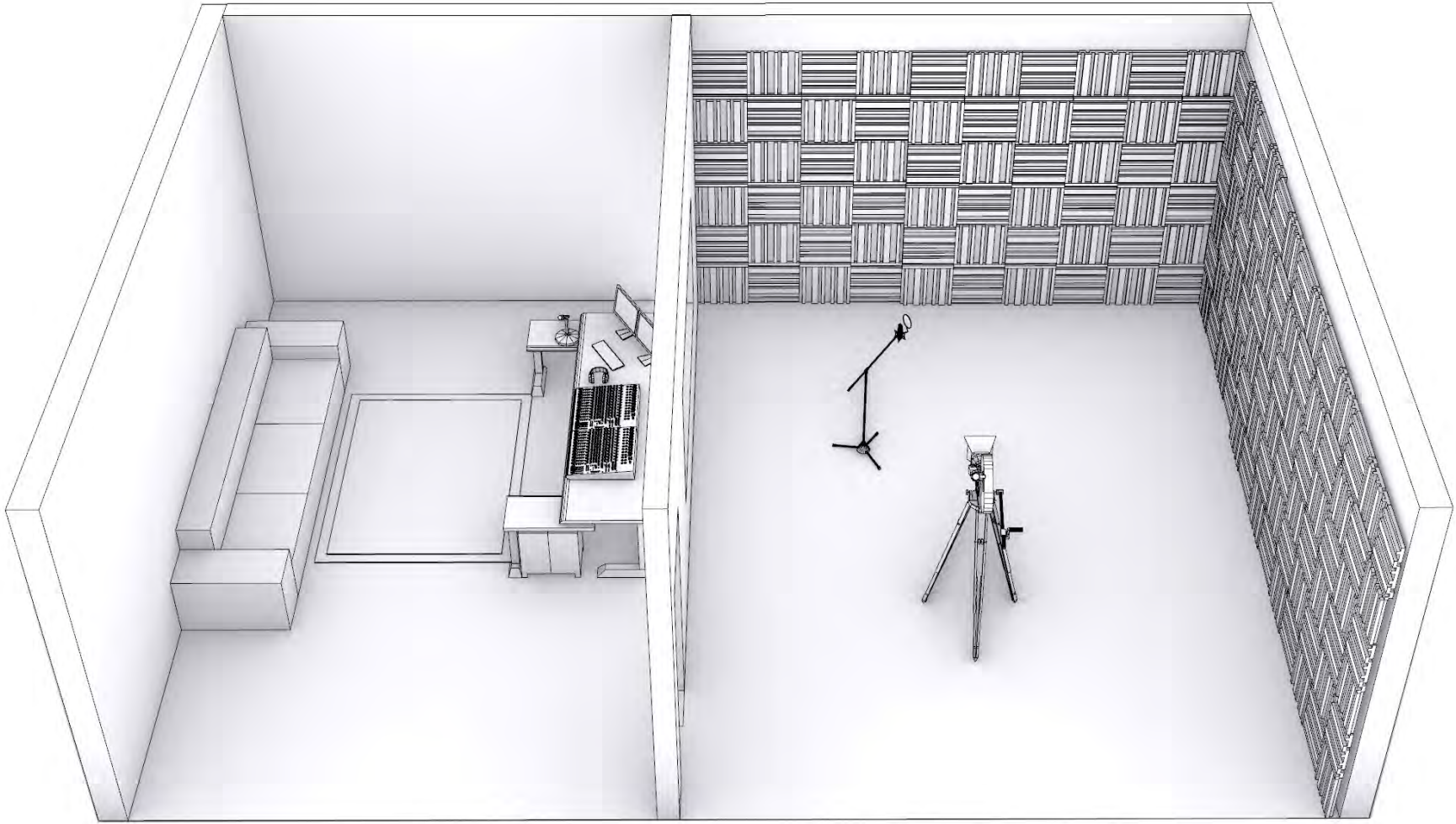
Makerspace





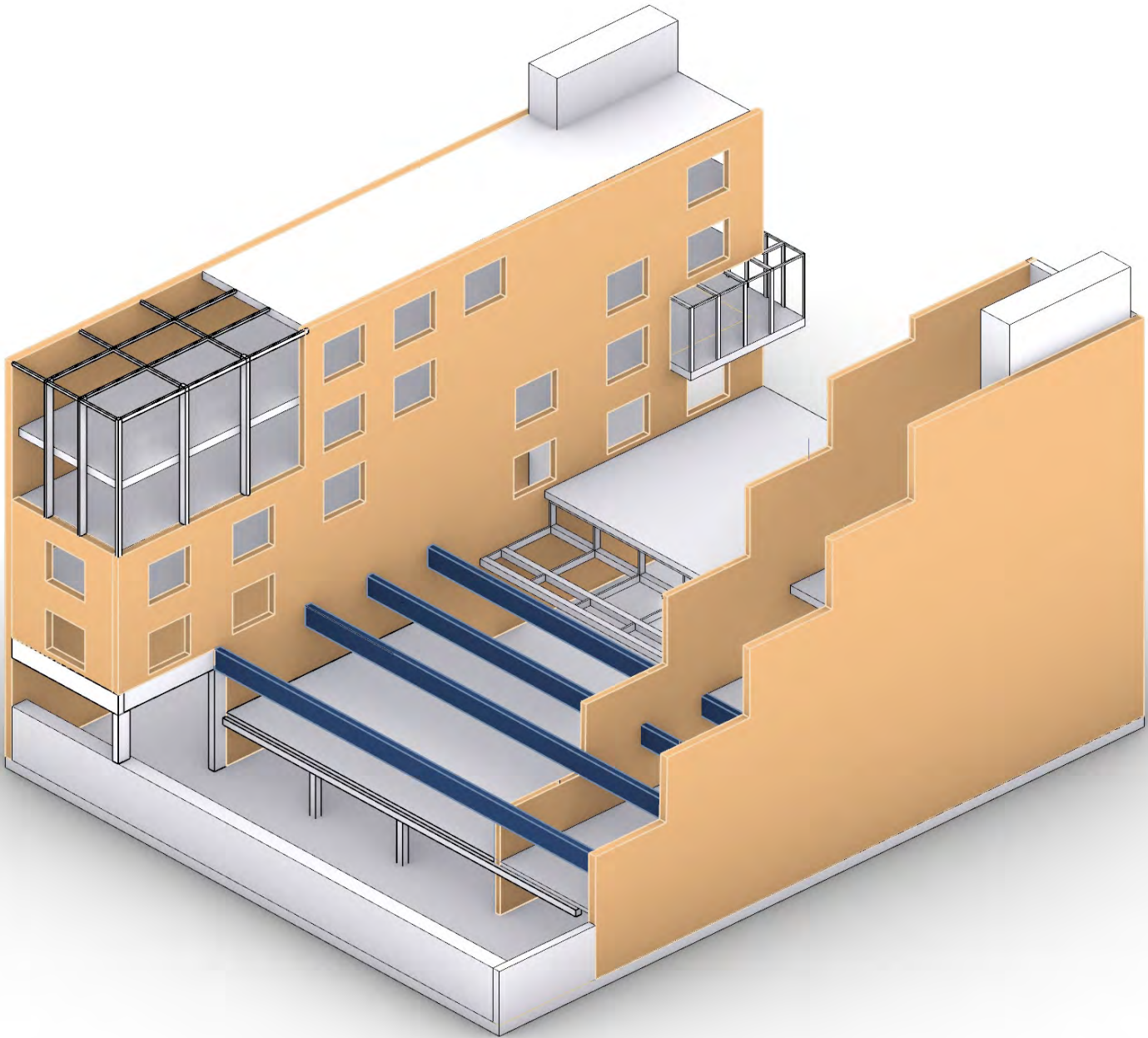




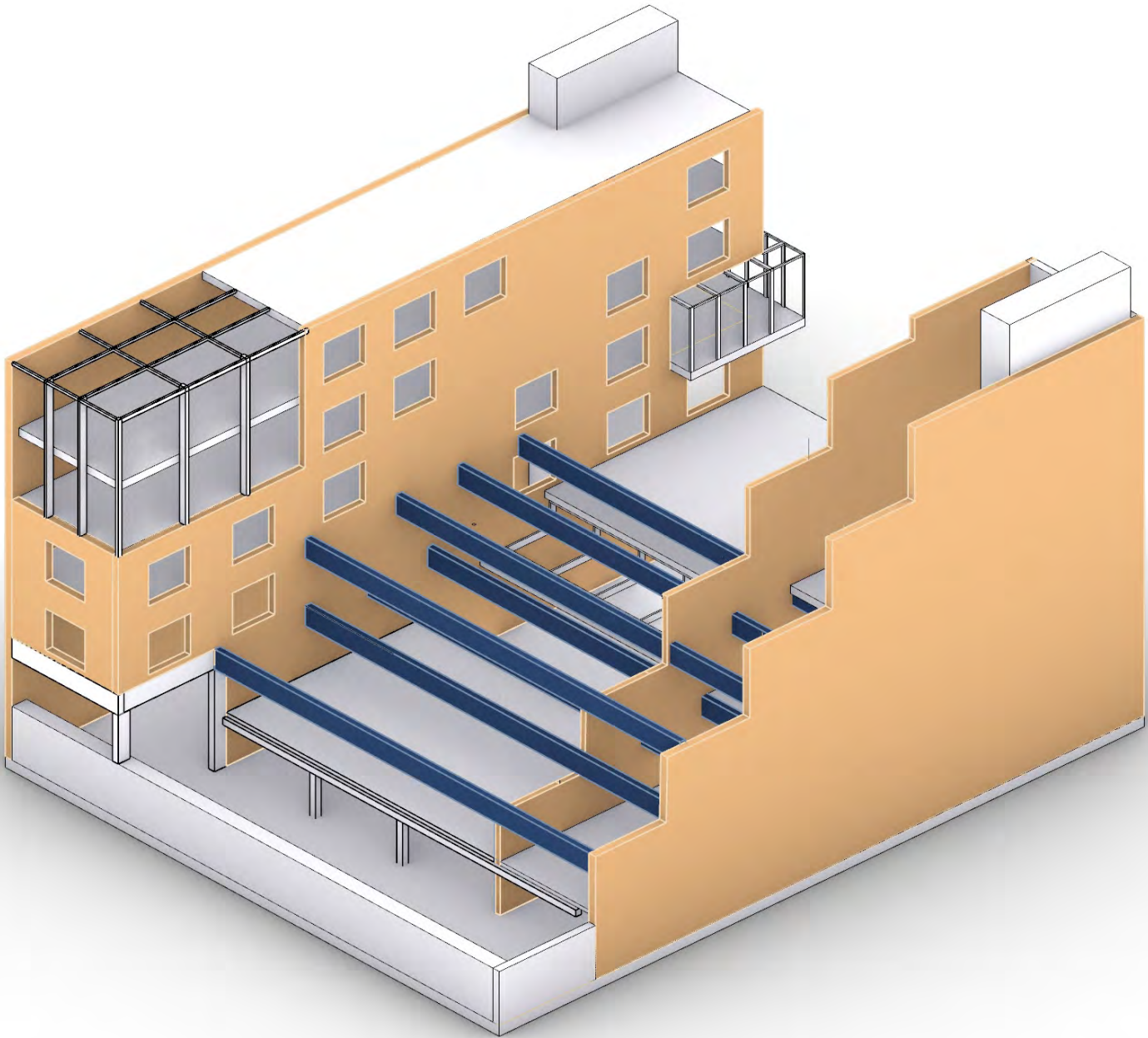




Structural Diagram

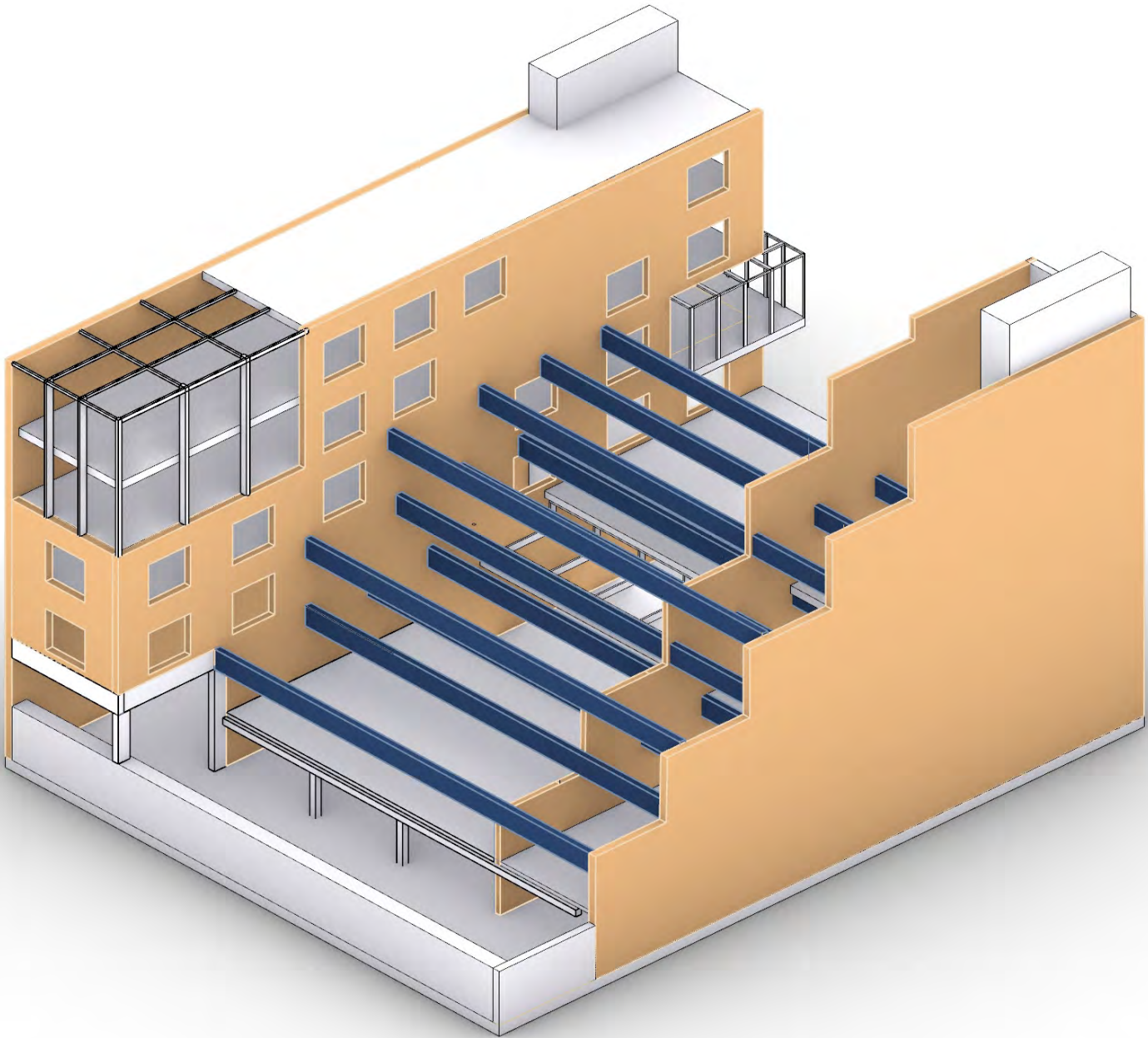


Structural Diagram

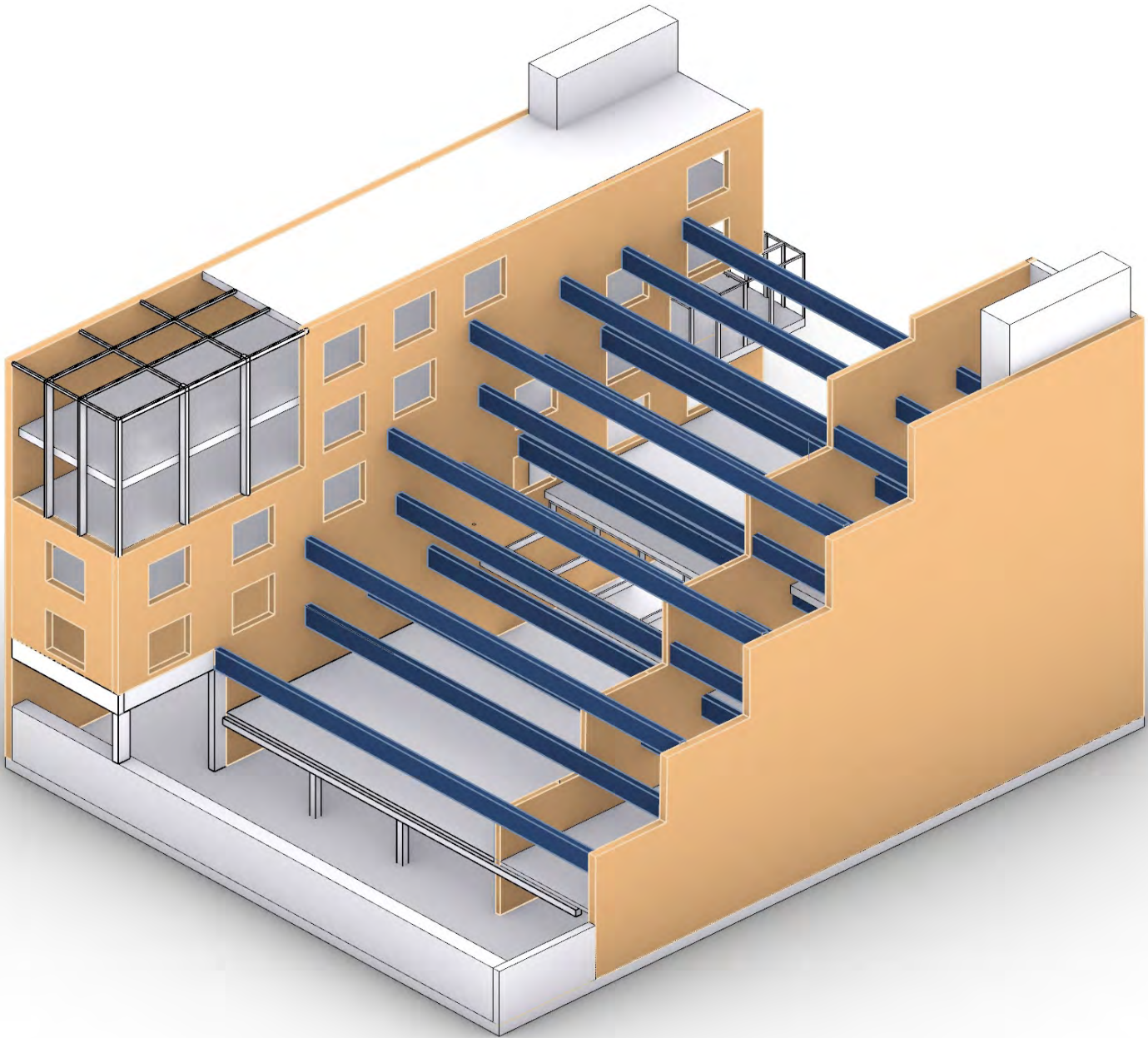




Structural Diagram

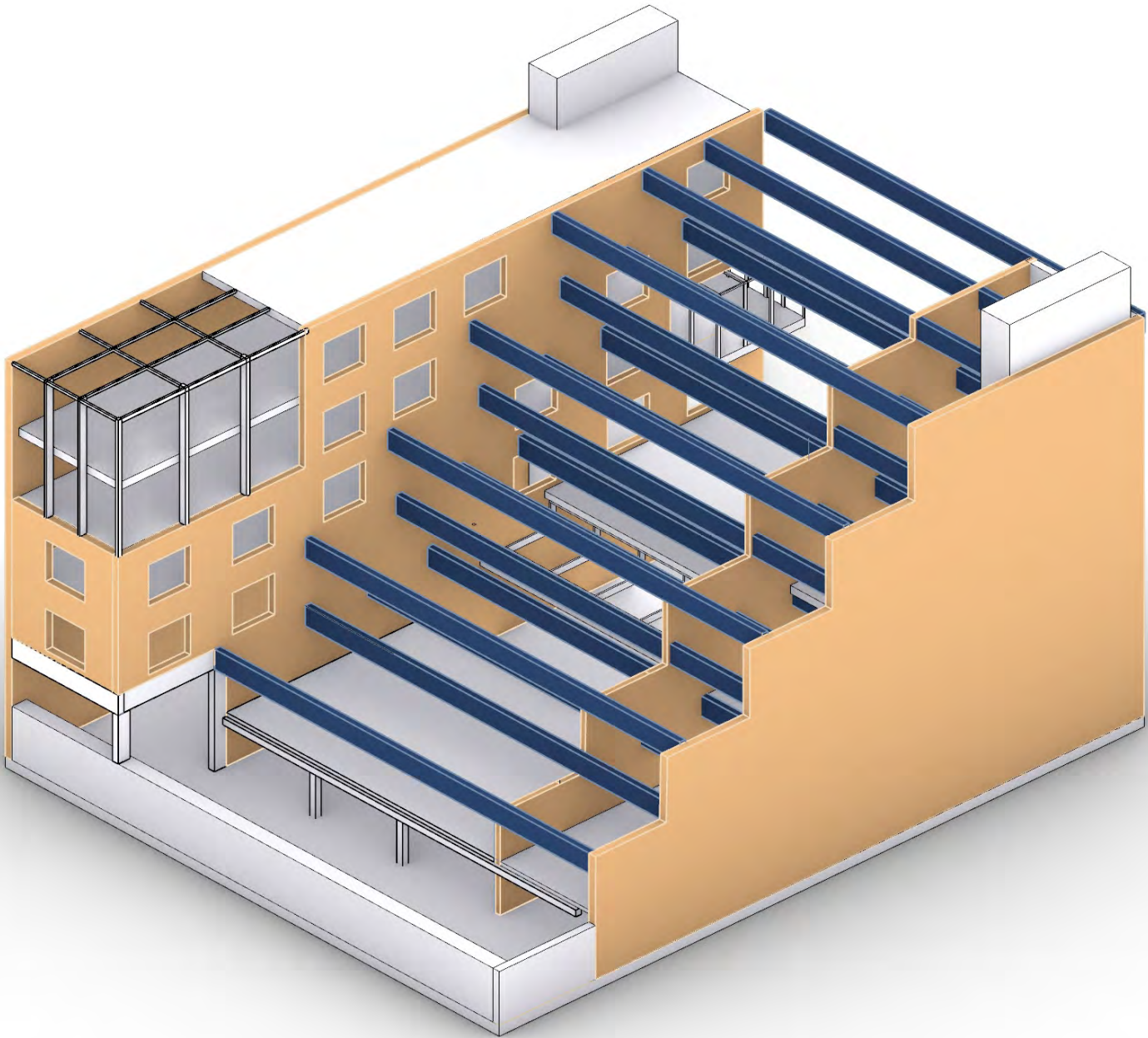


Structural Diagram

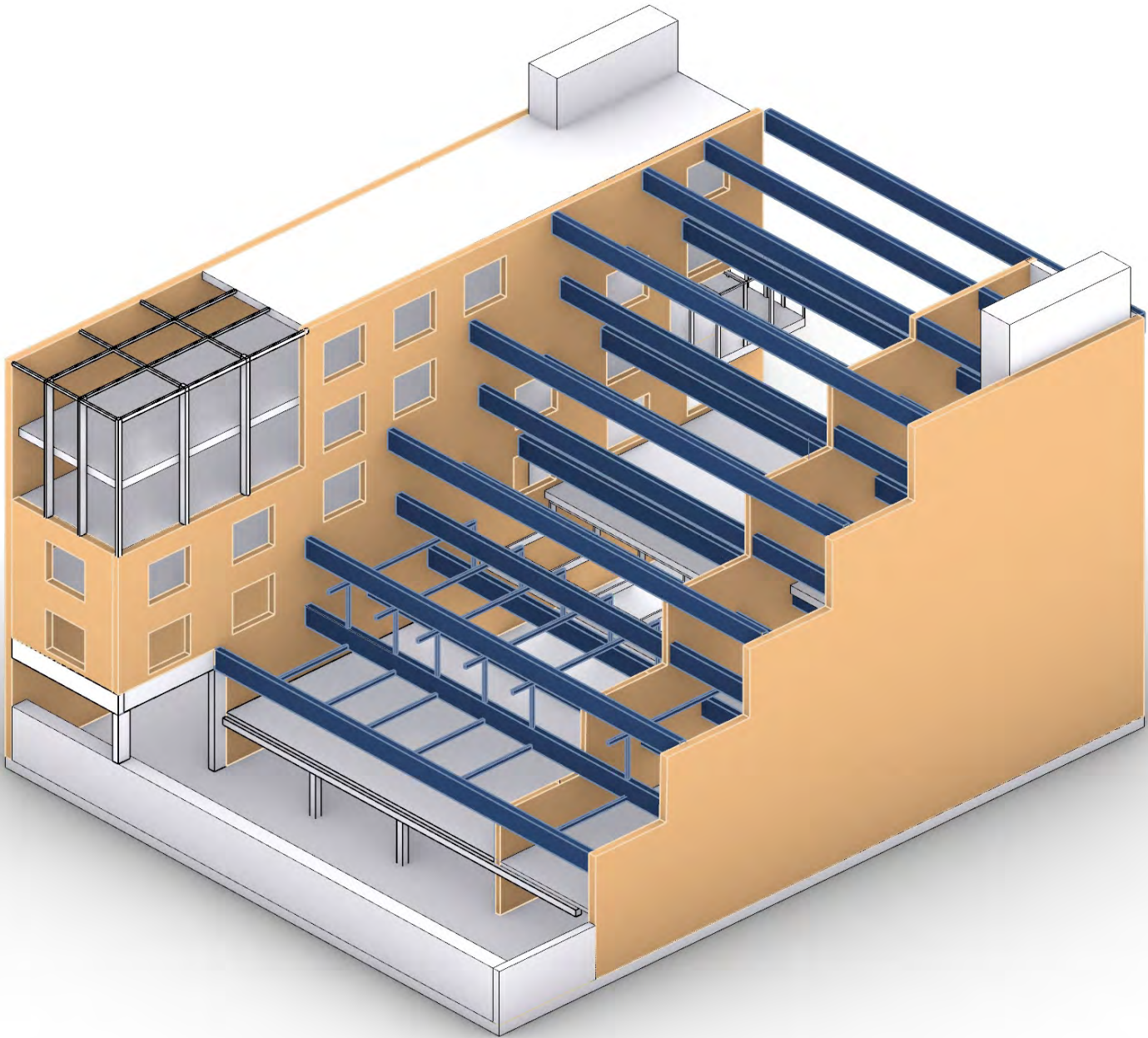




Structural Diagram

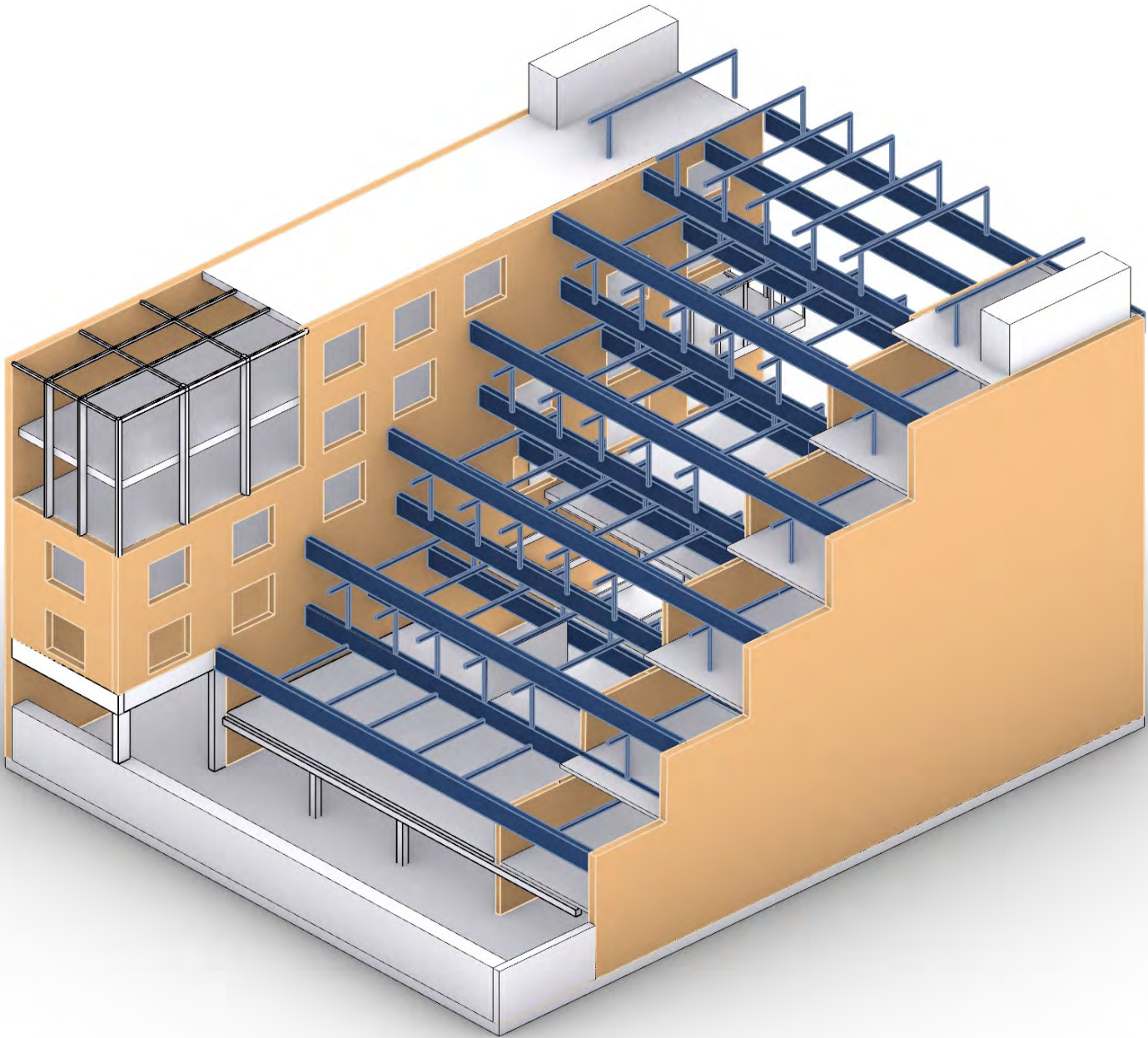


Structural Diagram

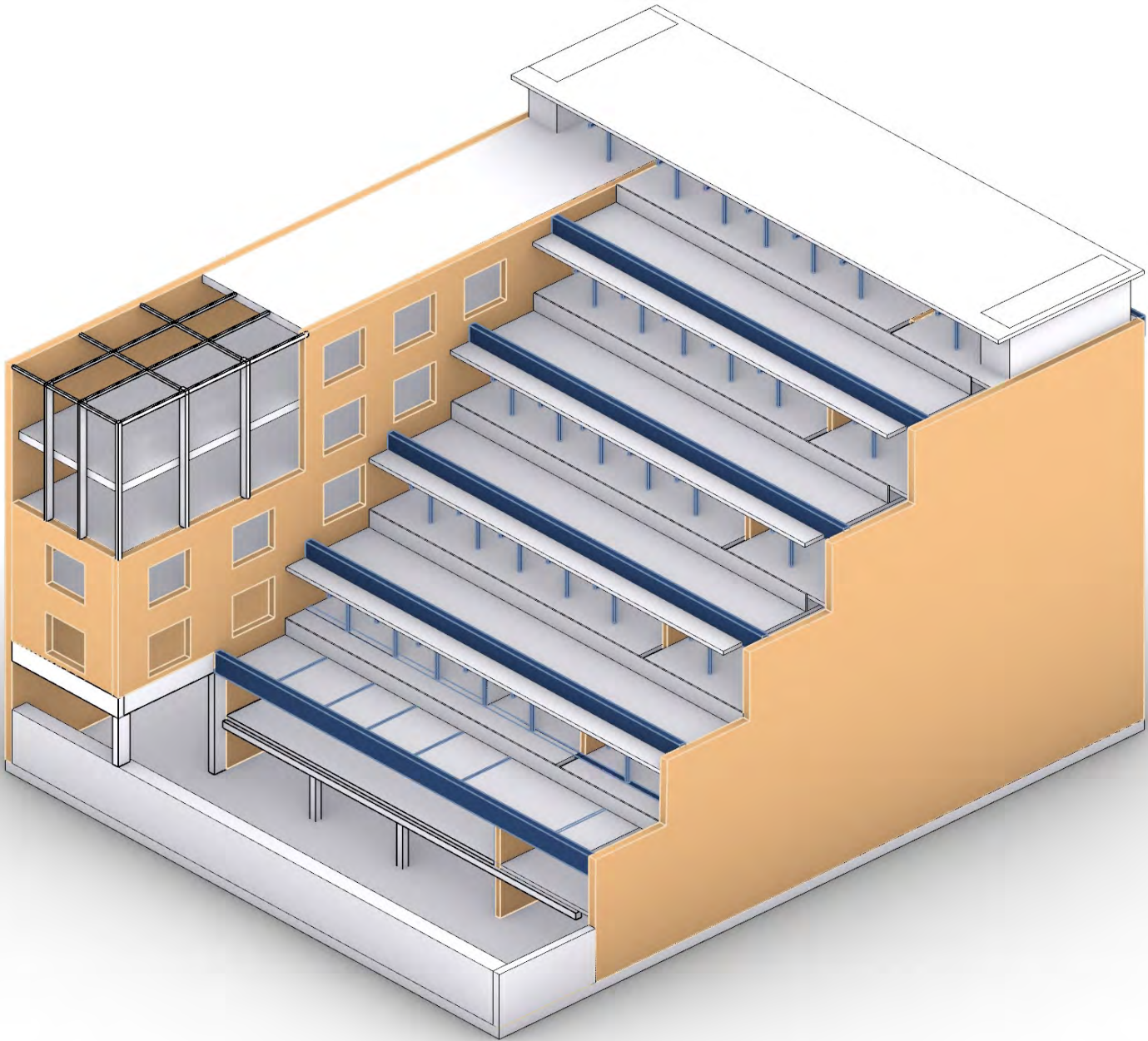




Structural Diagram

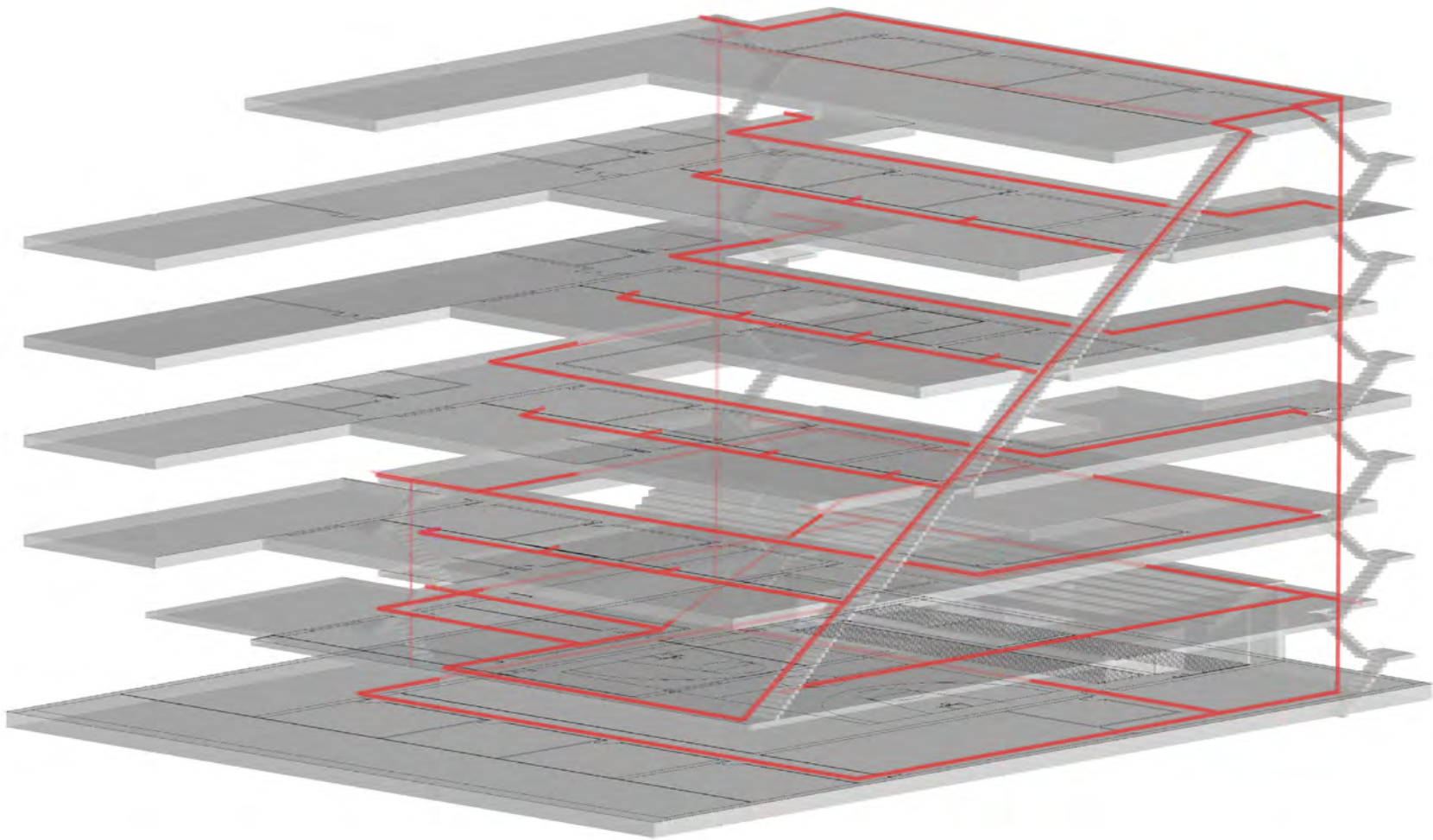


Structural Diagram



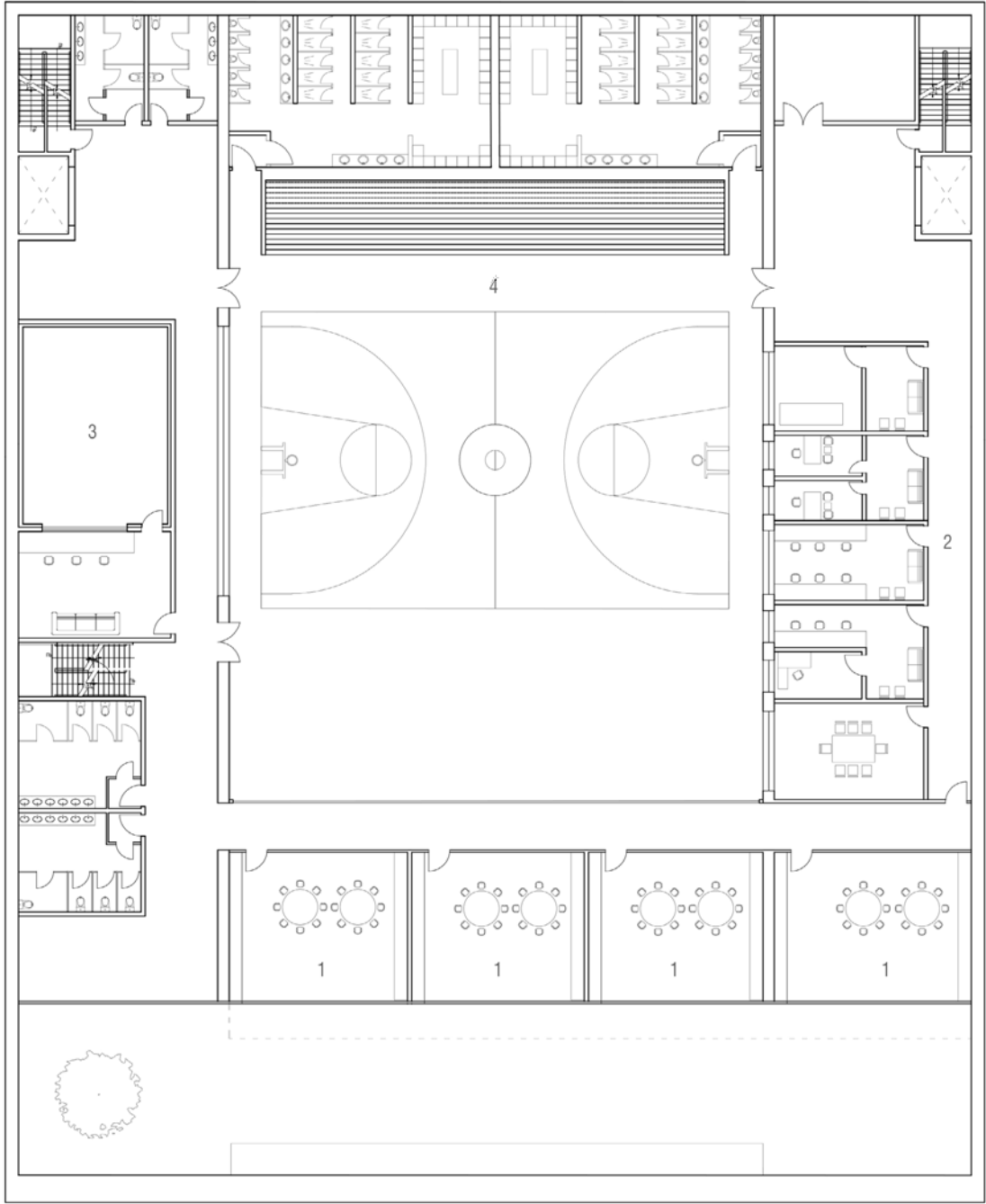


Circulation Diagram



Plans

Basement



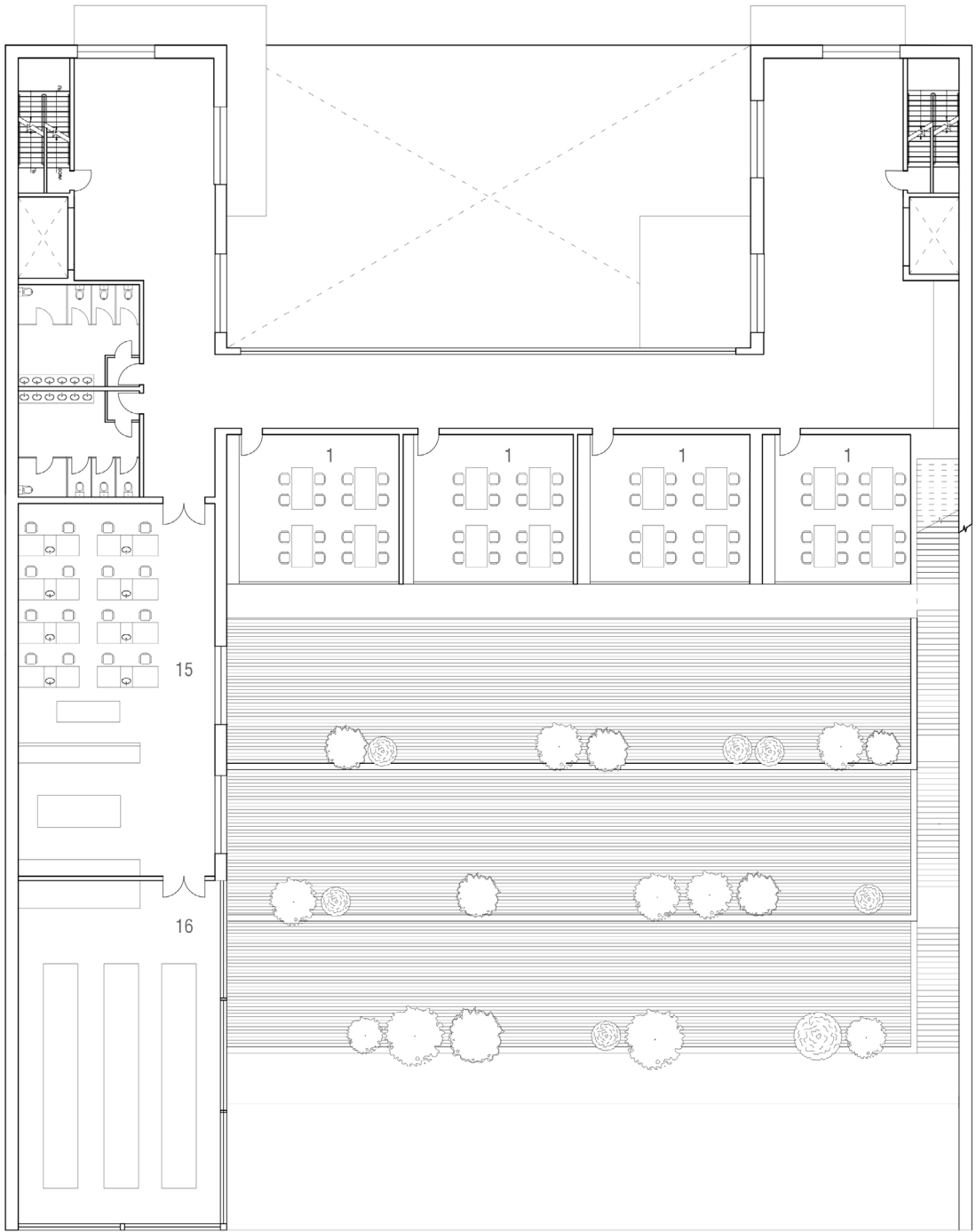
- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |



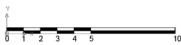


Plans

4th floor

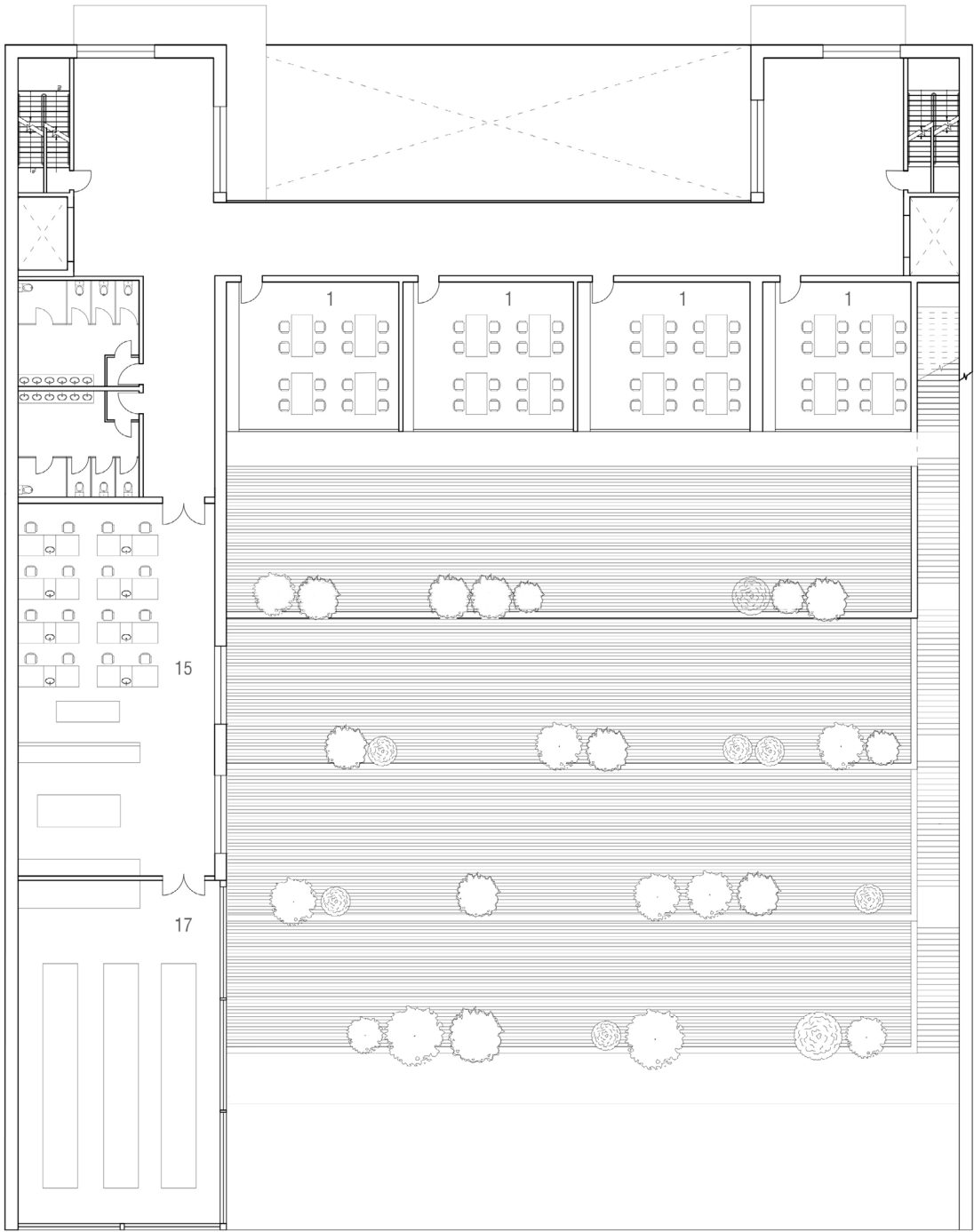


- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |

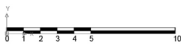


Plans

5th Floor



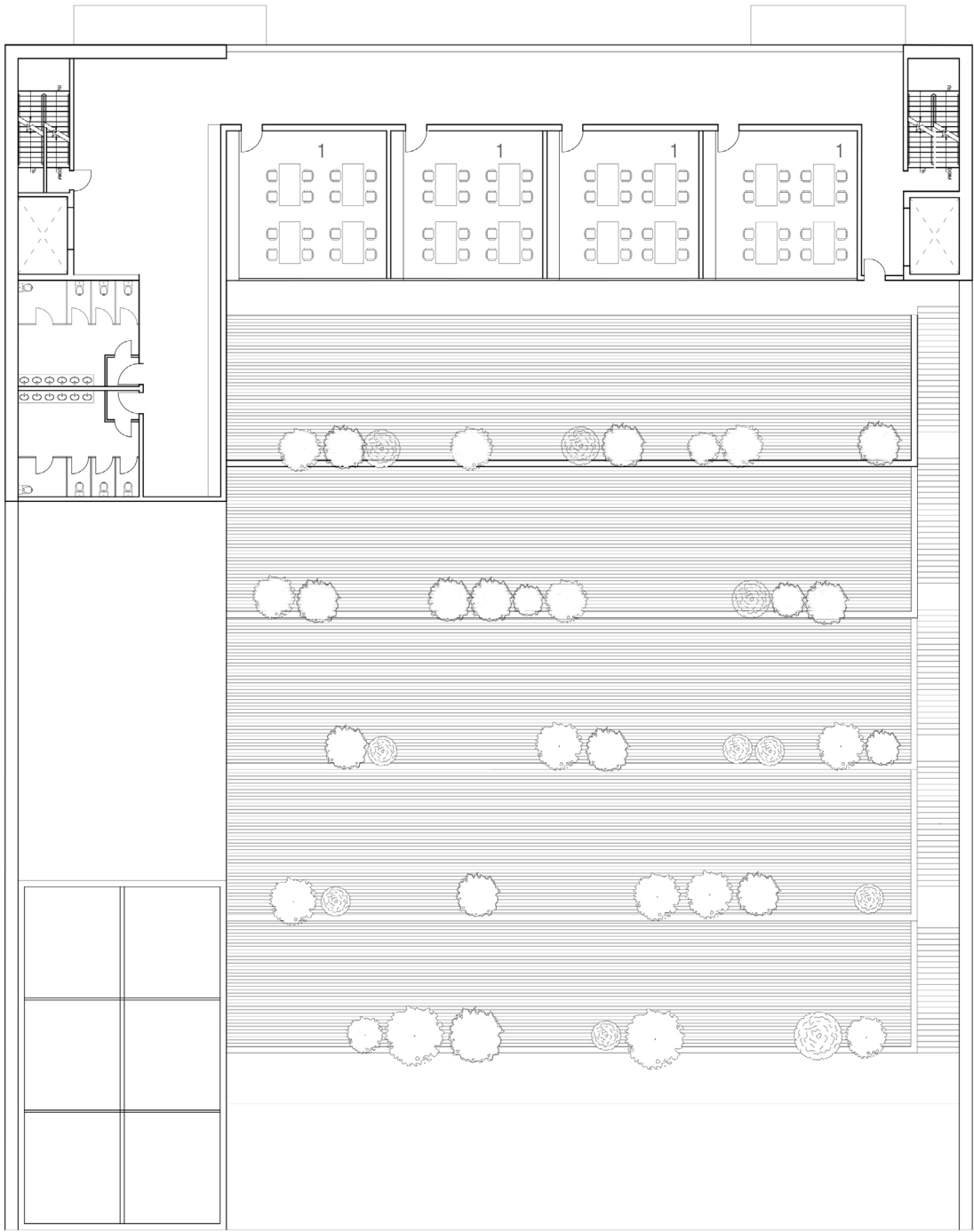
- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |



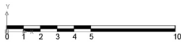


Plans

6th floor

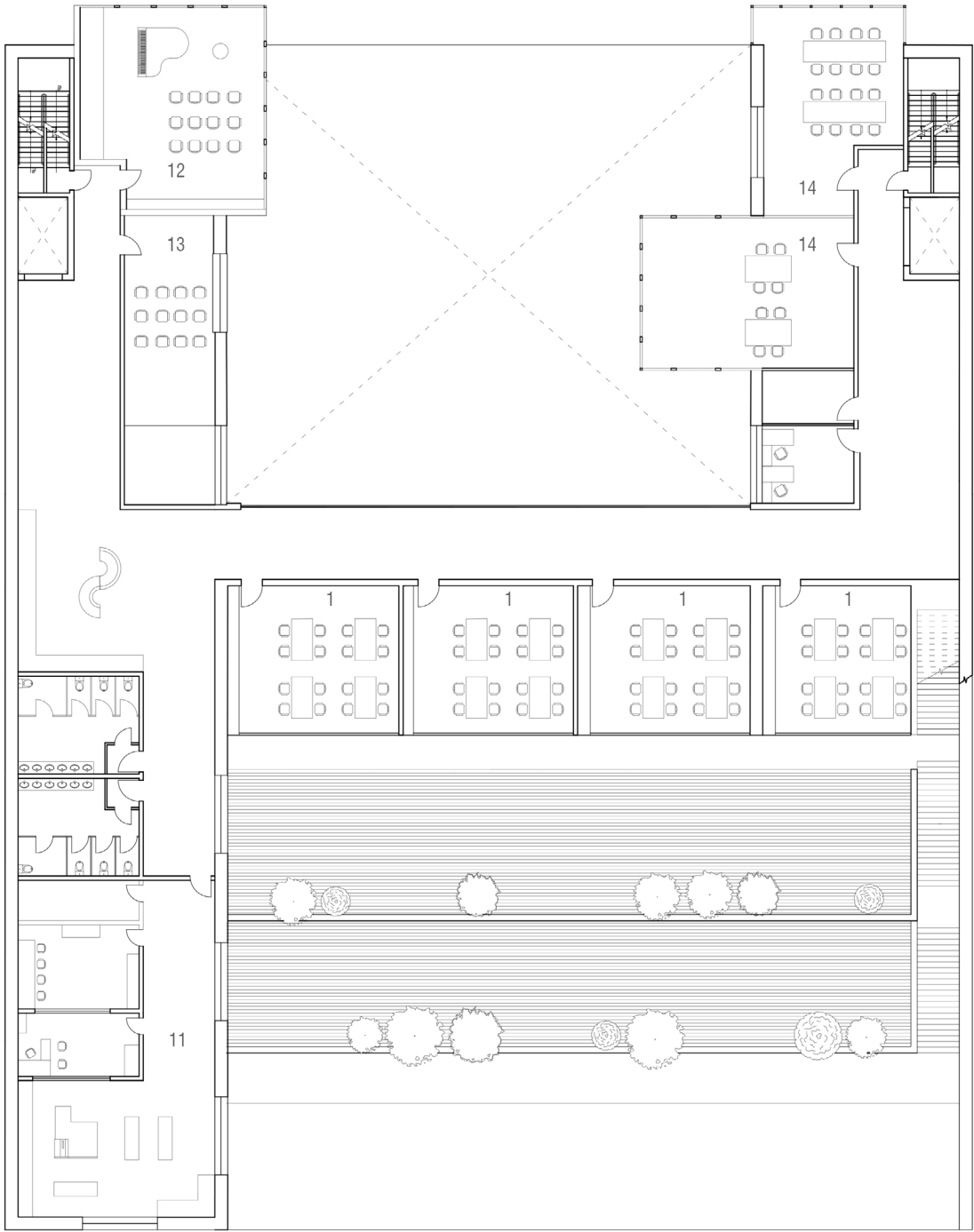


- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |

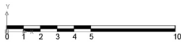


Plans

3rd Floor



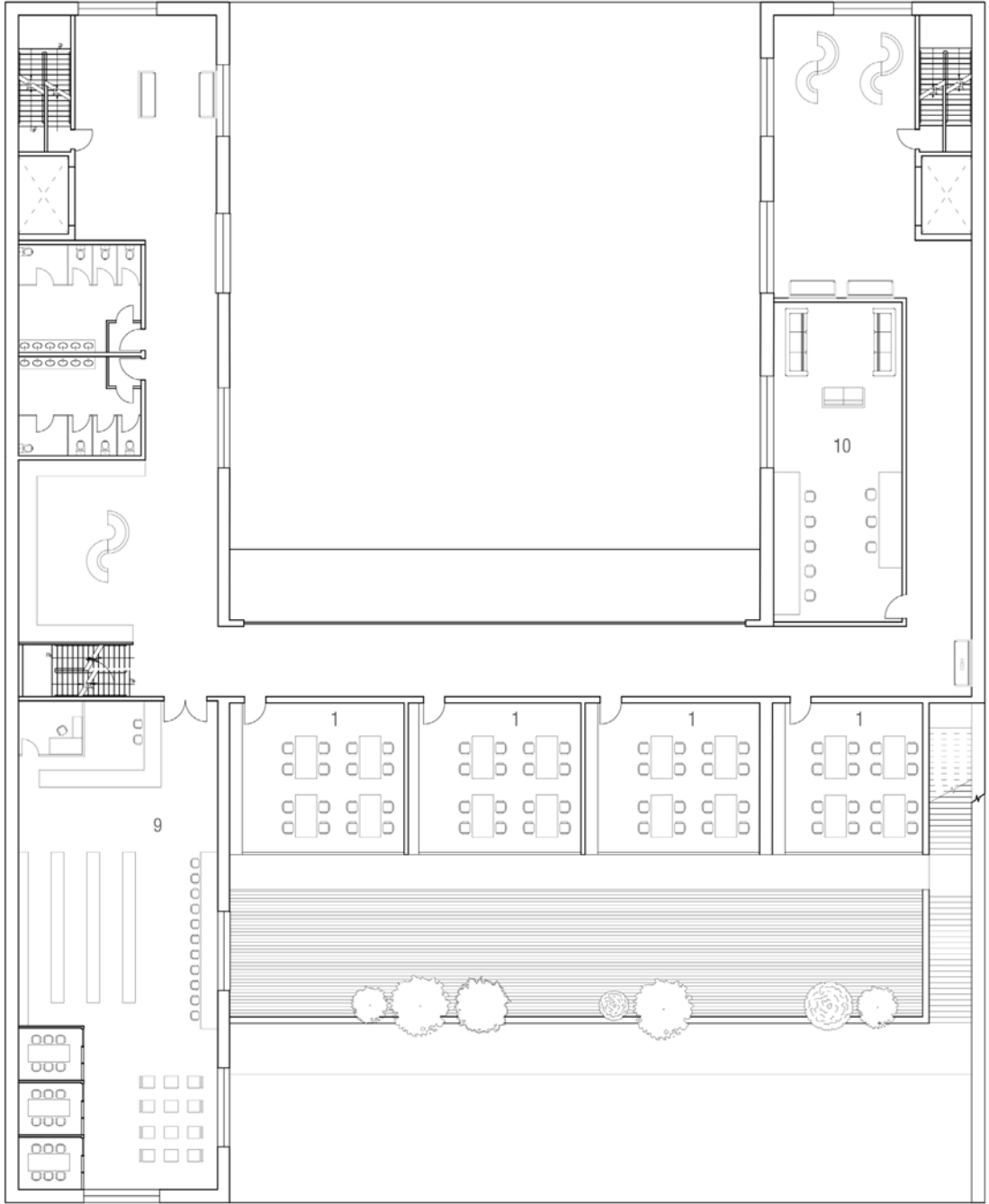
- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |





Plans

2nd floor

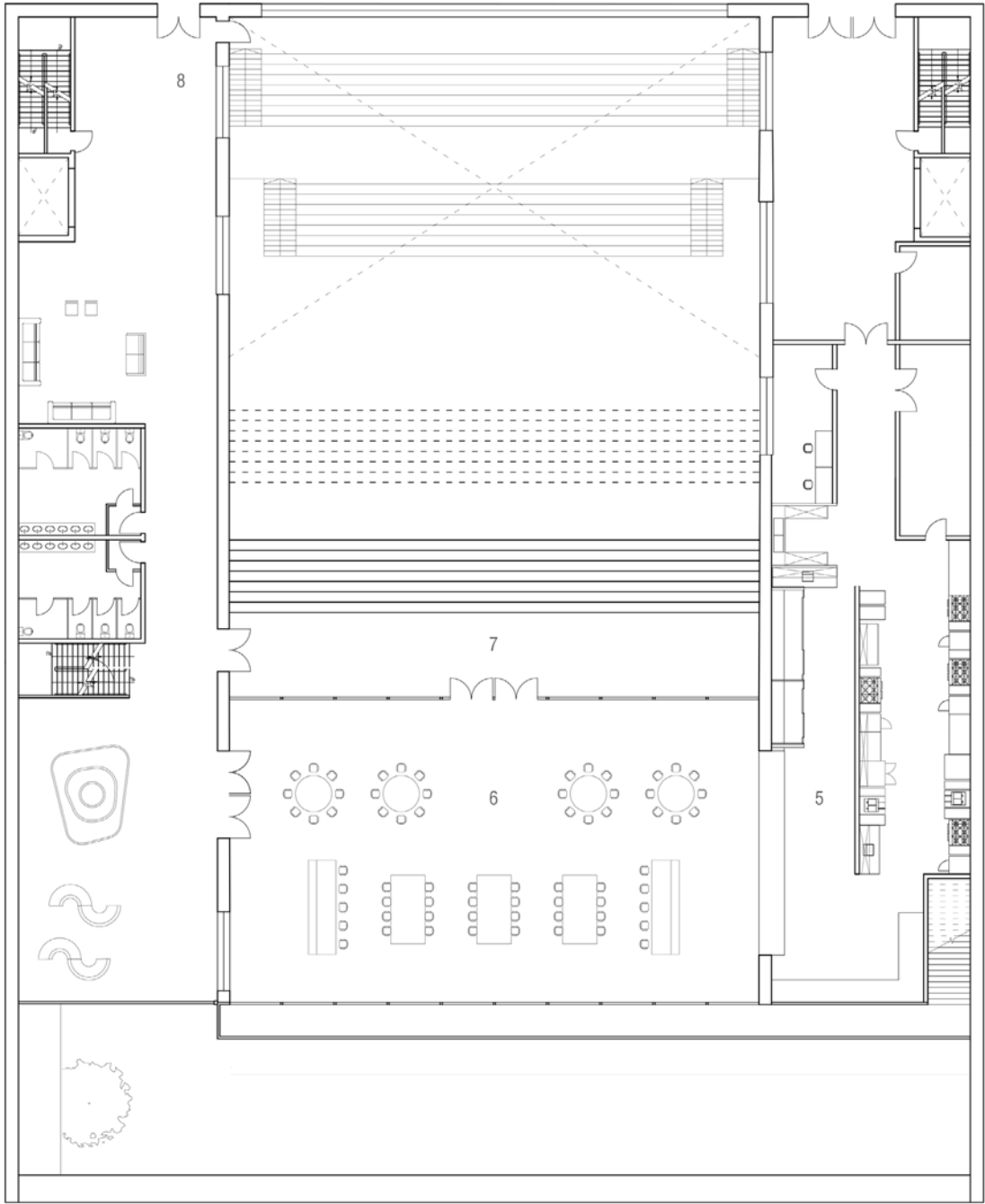


- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |



Plans

First floor

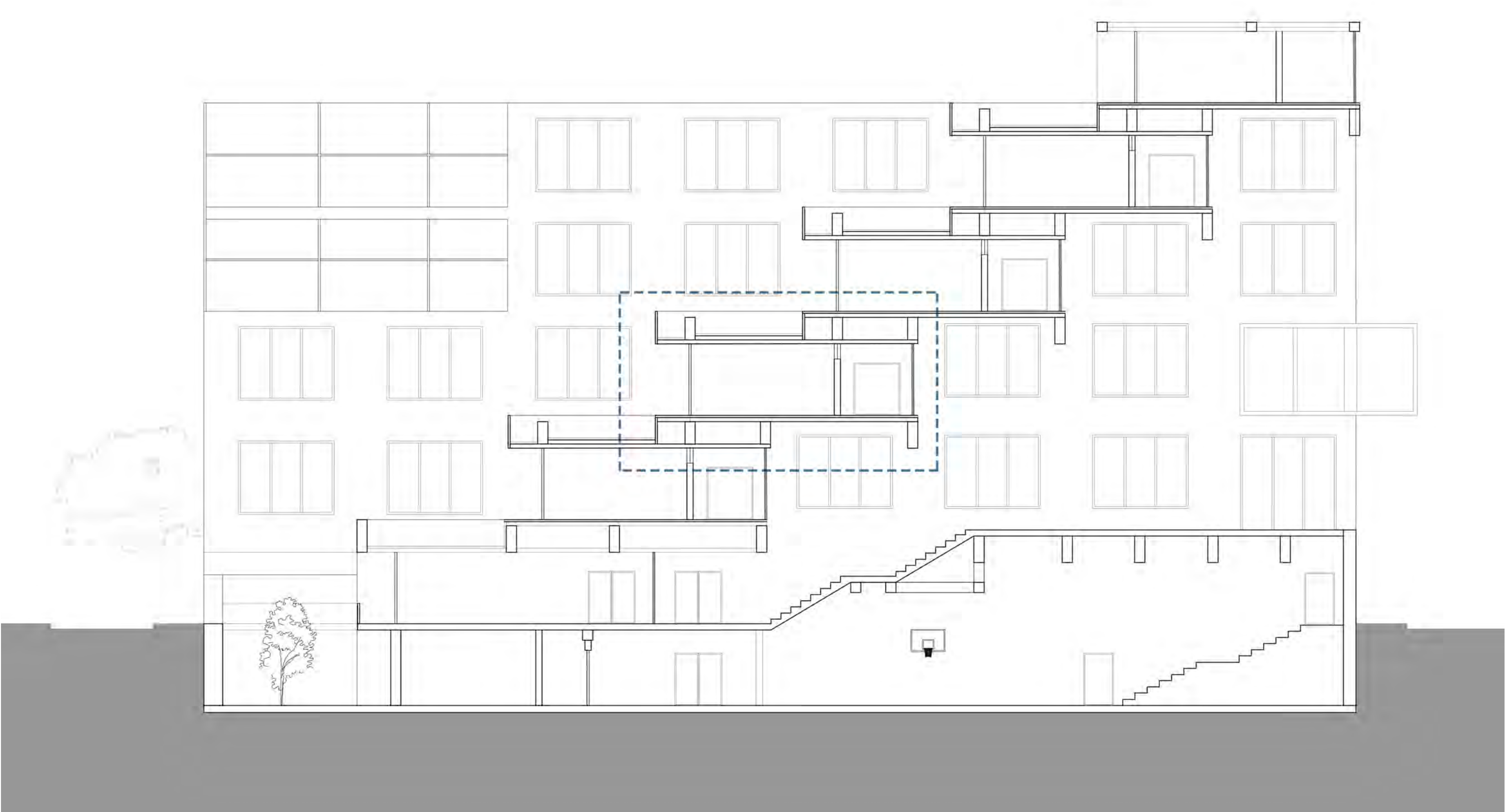


- |               |               |                     |                       |
|---------------|---------------|---------------------|-----------------------|
| 1- Classrooms | 6- Cafeteria  | 10- Staff room      | 14-Visual Arts Studio |
| 2- Admin      | 7- Playground | 11- Fabrication Lab | 15-Science Lab        |
| 3- Studio     | 8- Entrance   | 12- Music studio    | 16-Hydroponics lab    |
| 4- Gymnasium  | 9- Library    | 13- Drama Room      | 17-Greenhouse         |
| 5- Kitchen    |               |                     |                       |

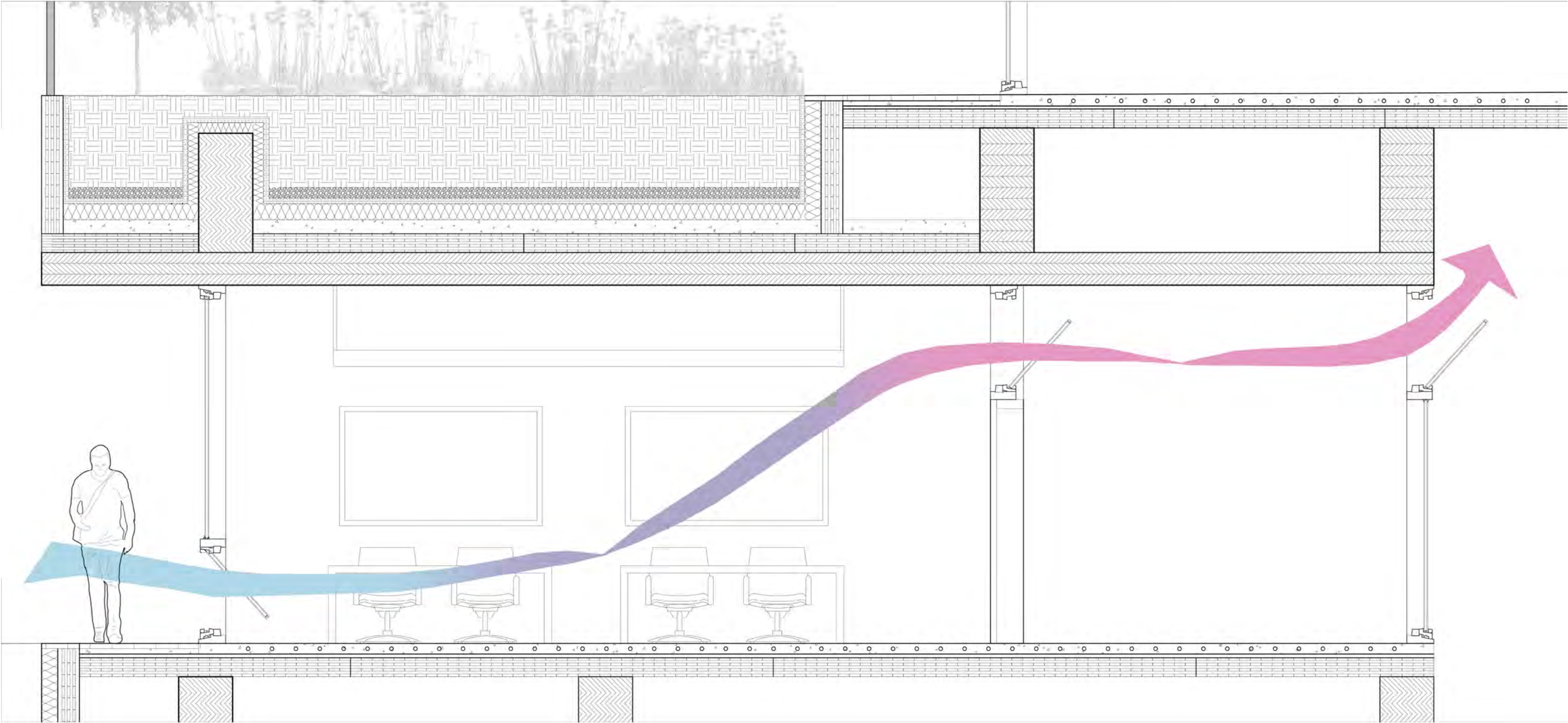




Section AA

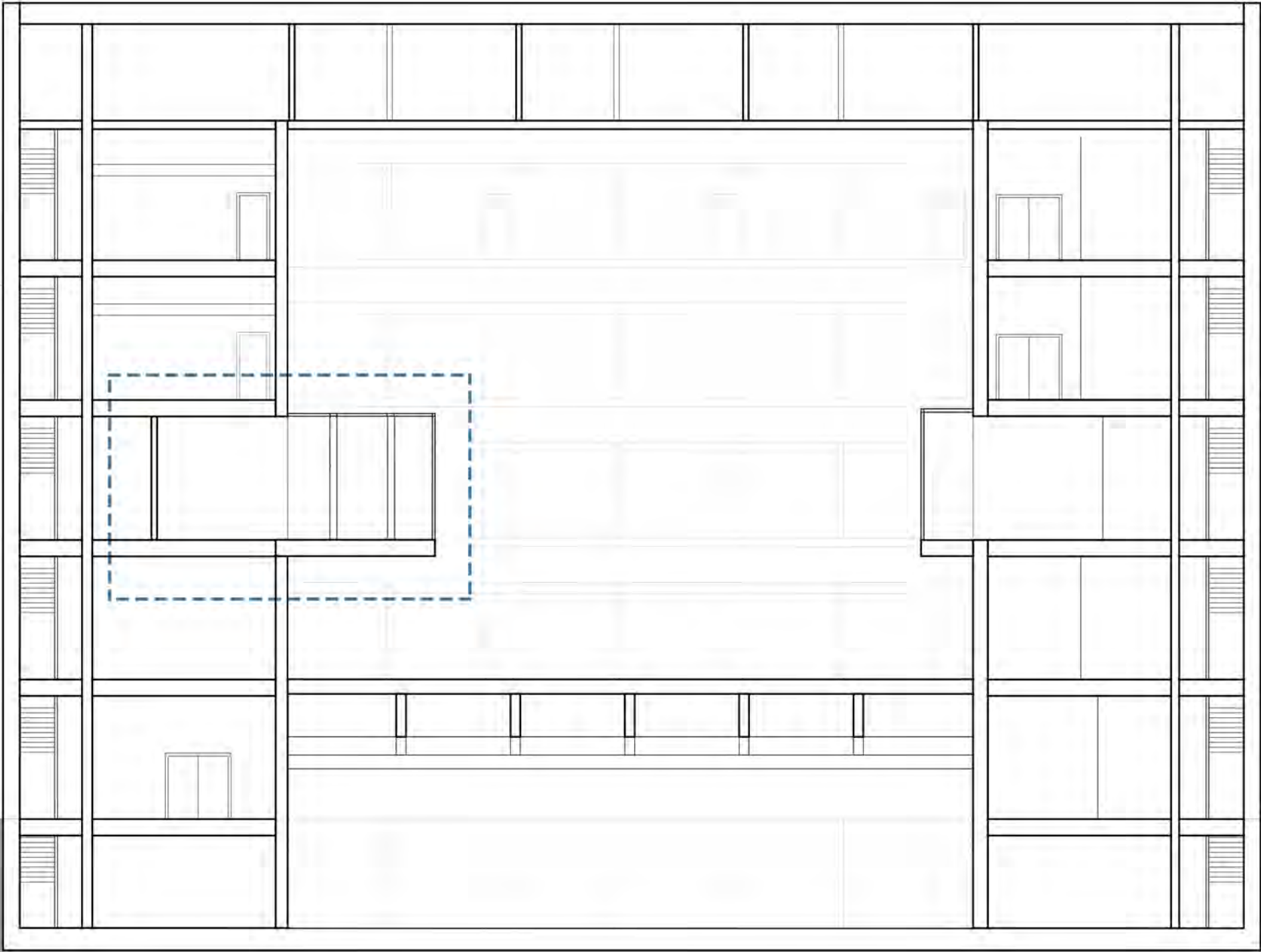


Detailed section

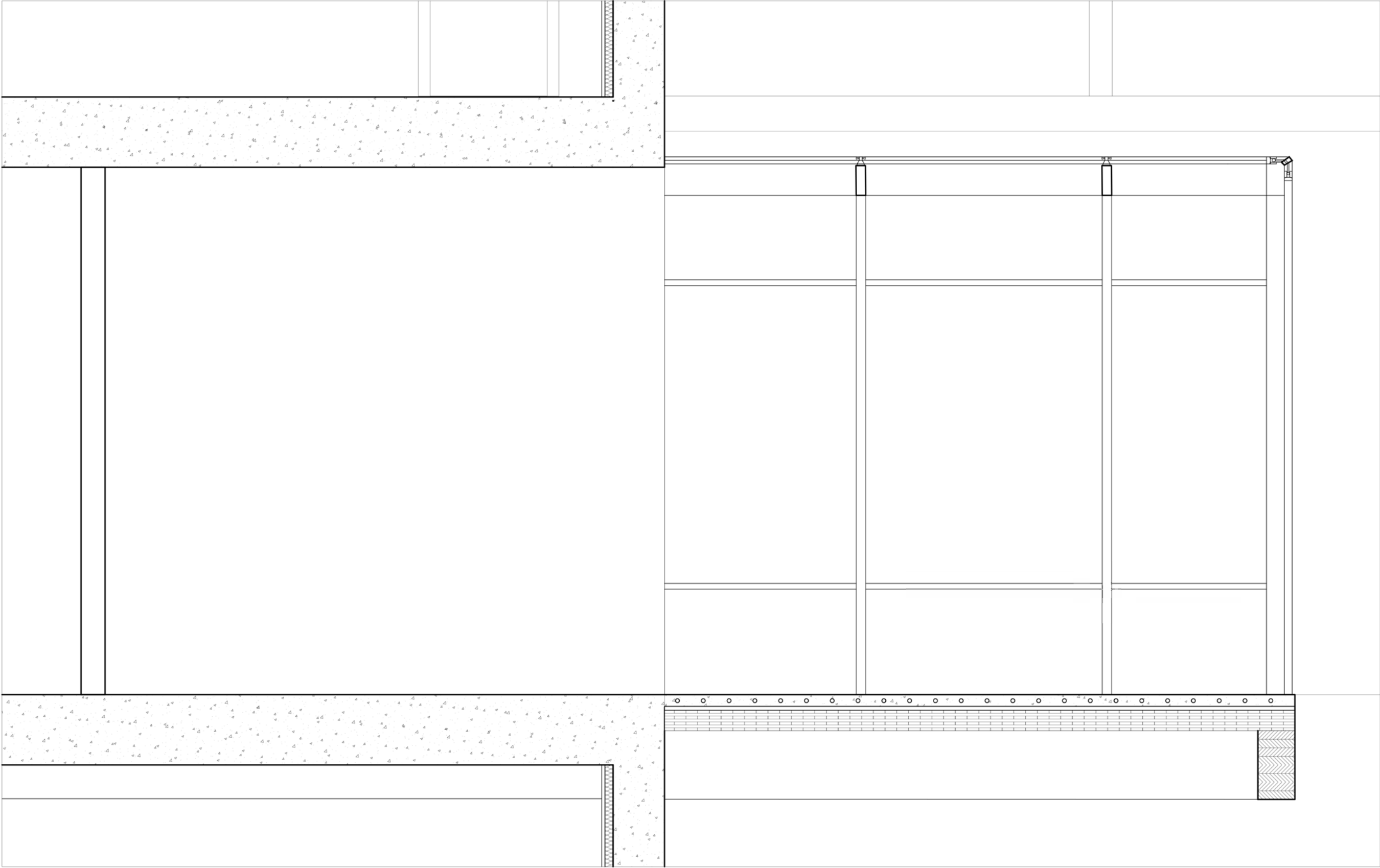




Section BB



Detailed section





Perspective





Perspective





Perspective





Perspective

