

# Where the Classroom Ends



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Classrooms are often explicitly defined spaces that designate an area for learning. This traditional sense of the classroom implies that children learn mostly within those four walls. However, as progressive architects including John Dewey and Herman Hertzberger have stated, the act of learning is not confined to an enclosed classroom but is rather developed through a series of interactions, relationships and situations that are encountered throughout the day.

This proposal for a new PS 64 incorporates a continuity of spaces with a fragmentation of vertical platforms to shape a school that is informed by human activities and relationships. The building preserves the western wing of PS 64 for communal programs and introduces a new school building which is constructed out of recycled aggregate concrete found on site. The new building provides varied environments for children to learn through a sequence of experience, play and discovery spaces.

Experience spaces provide a collaborative yet structured setting for instructive classes. Play is introduced as the intermediate zone where students are open to play together in a more open environment. Discovery spaces are found in nooks and corners where children can focus individually. The community wing houses a food hall, gym, library, auditorium and studio spaces for both the students and the community to utilize.

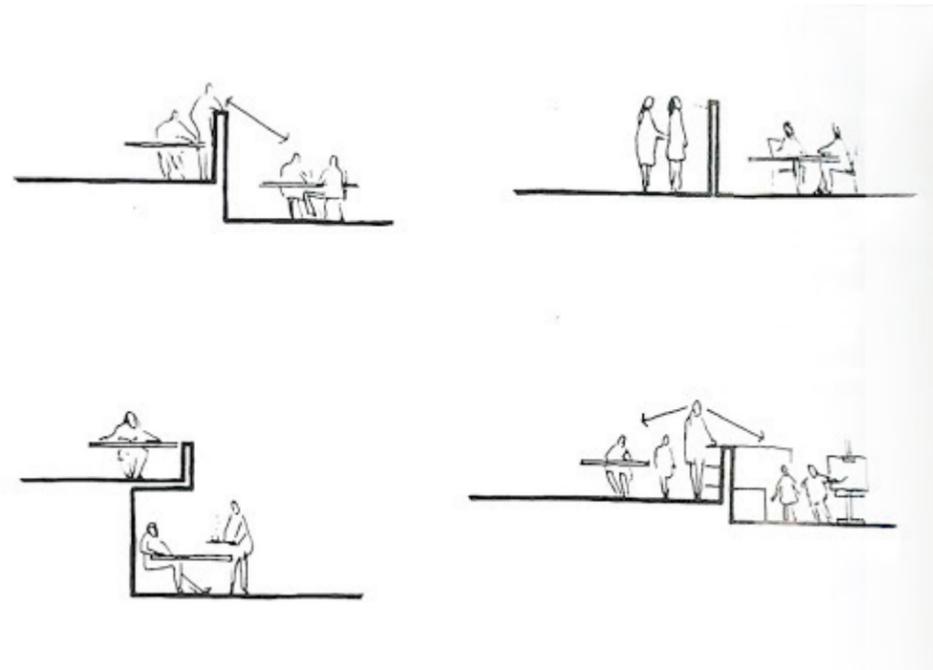
Precedent: Herman Hertzberger's Montessori School



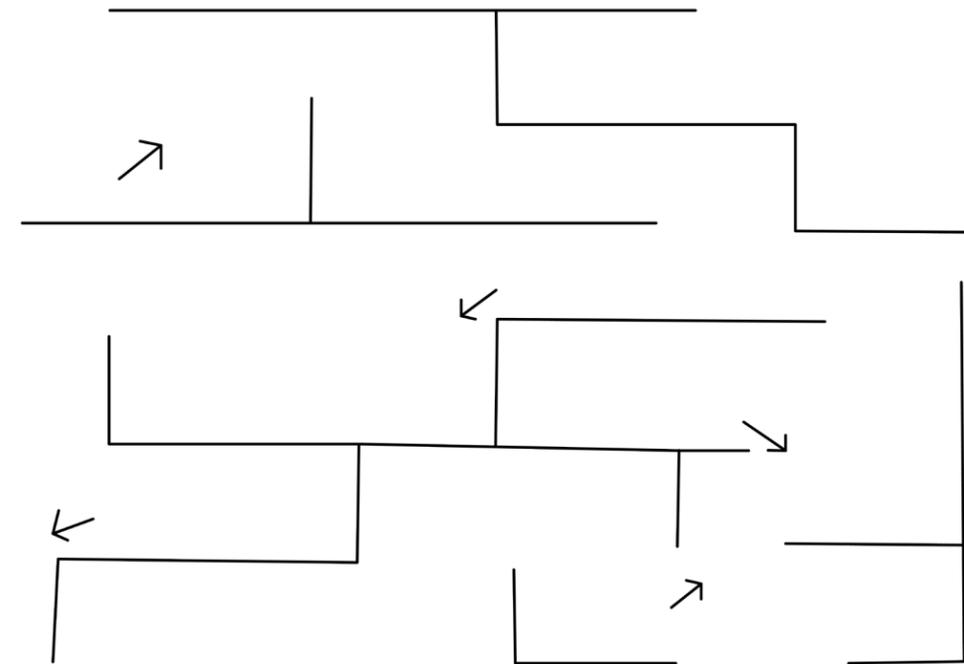
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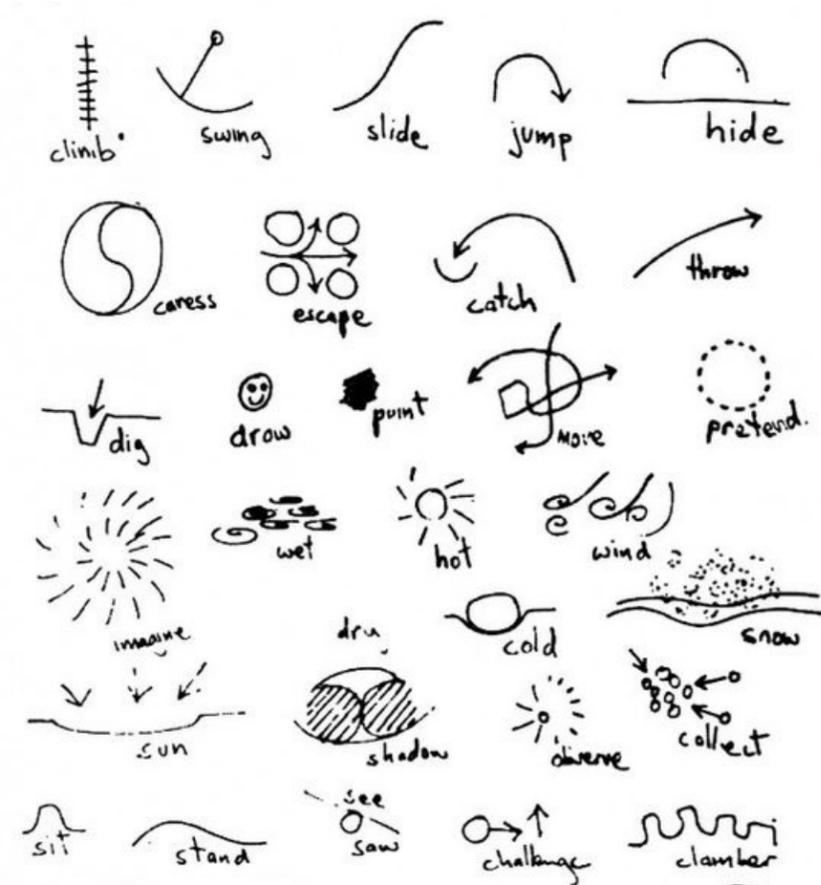
Hertzberger's Sectional Drawings



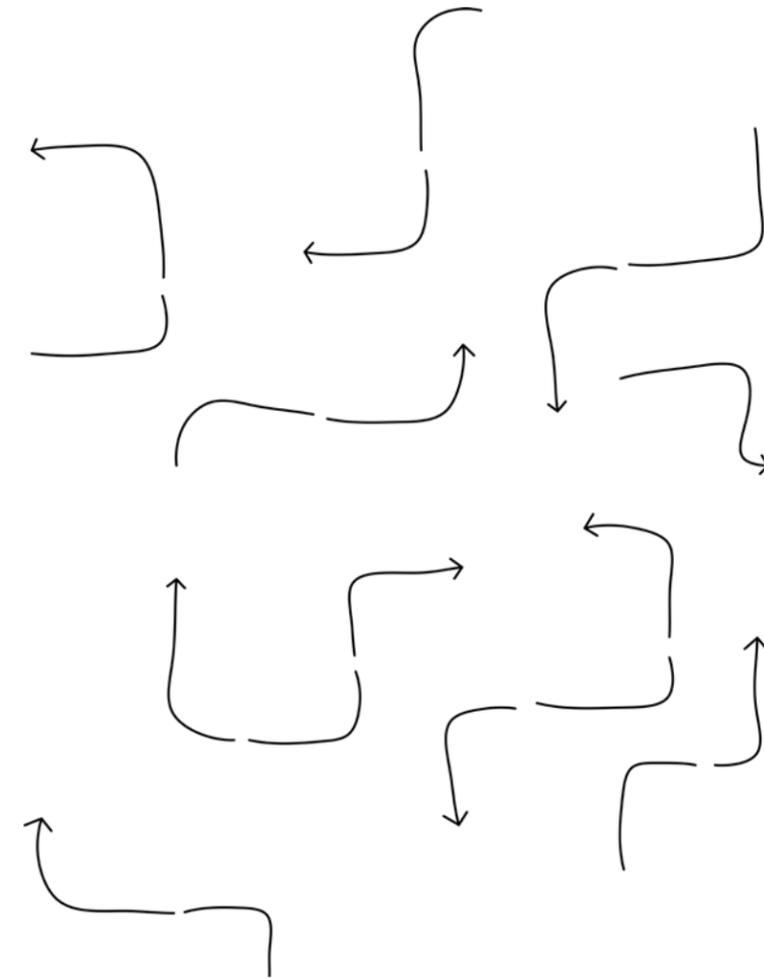
Sectional Proposition at the New PS 64



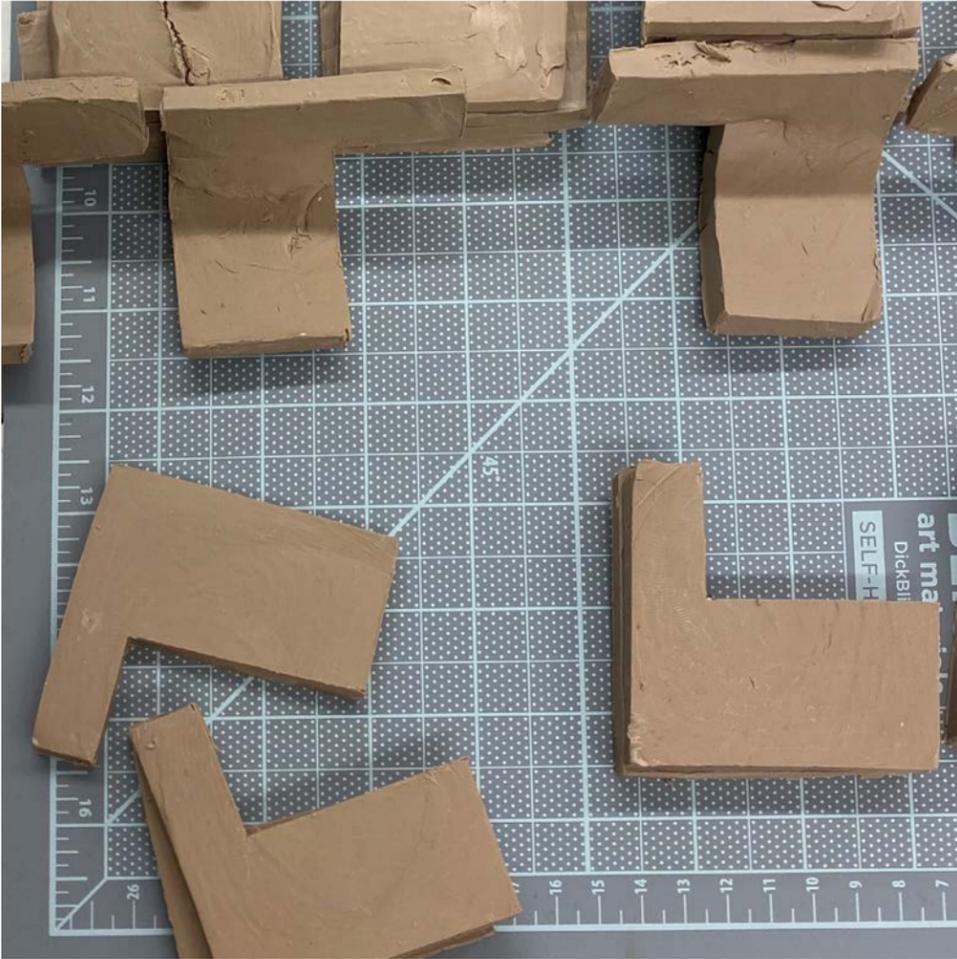
Child Play Movements

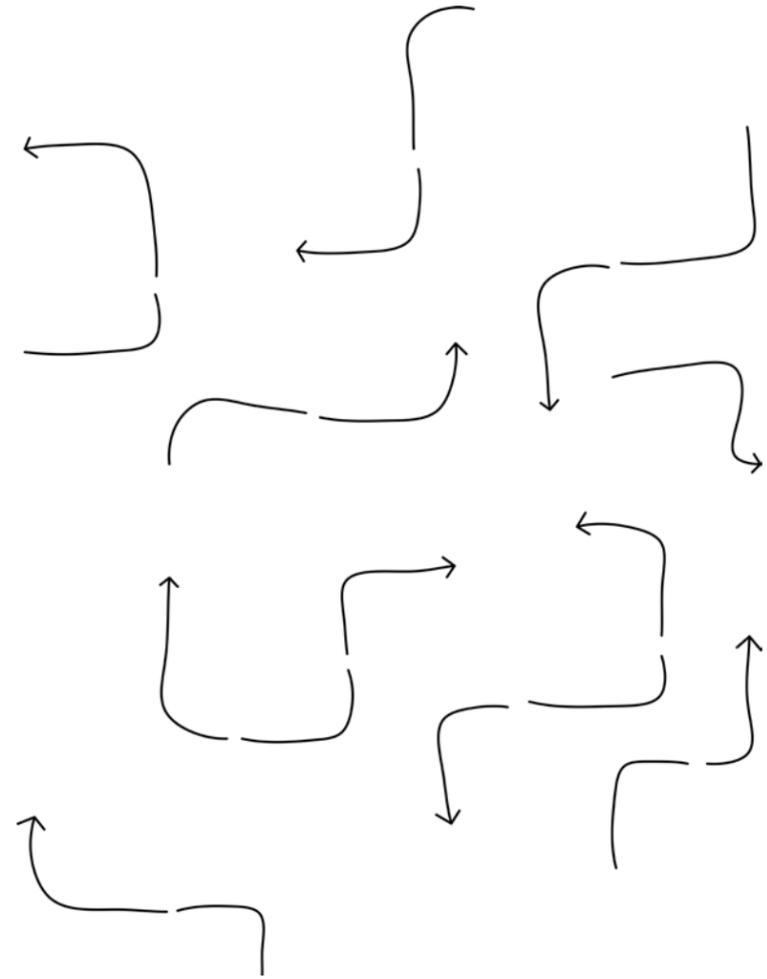
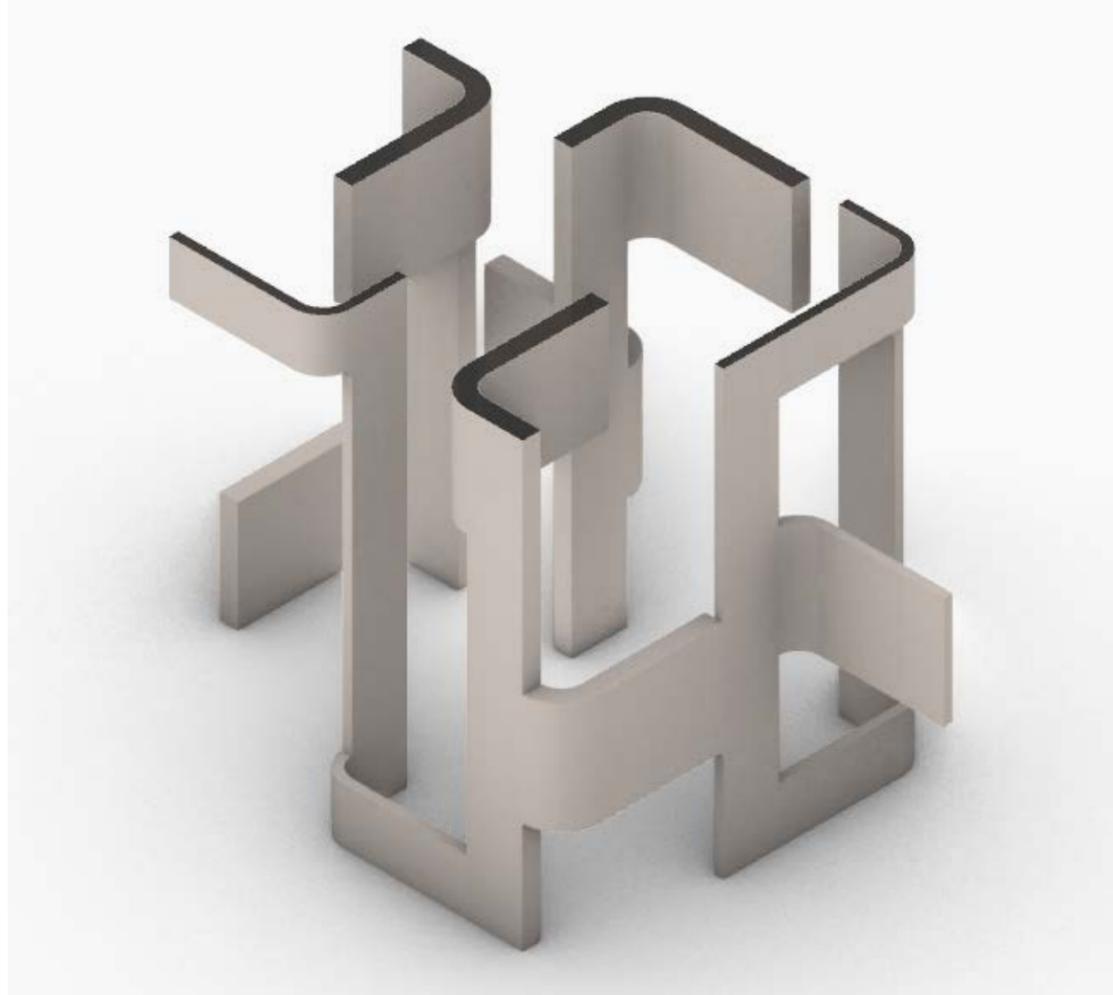


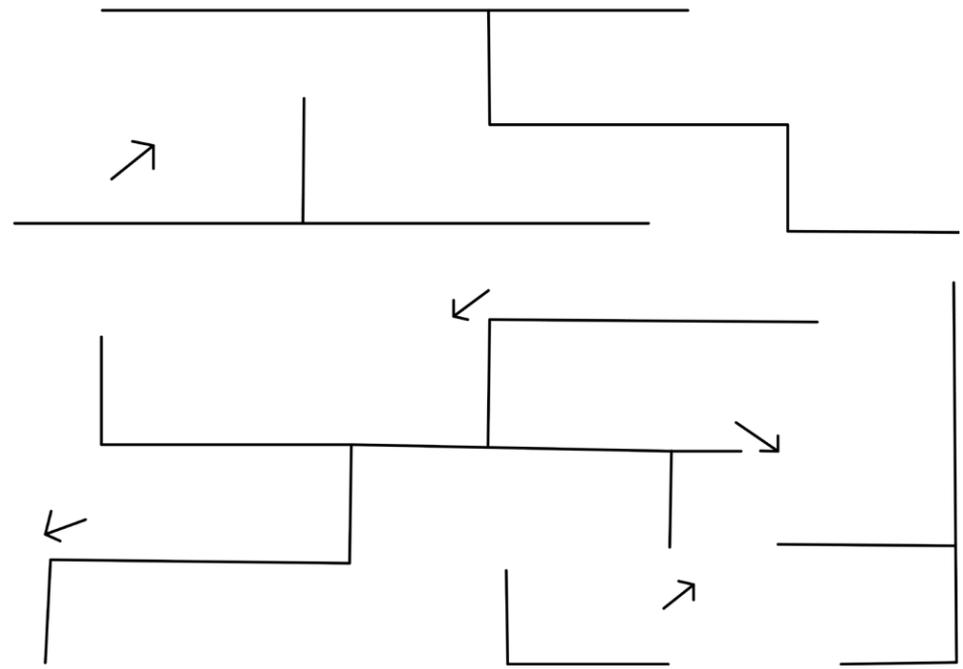
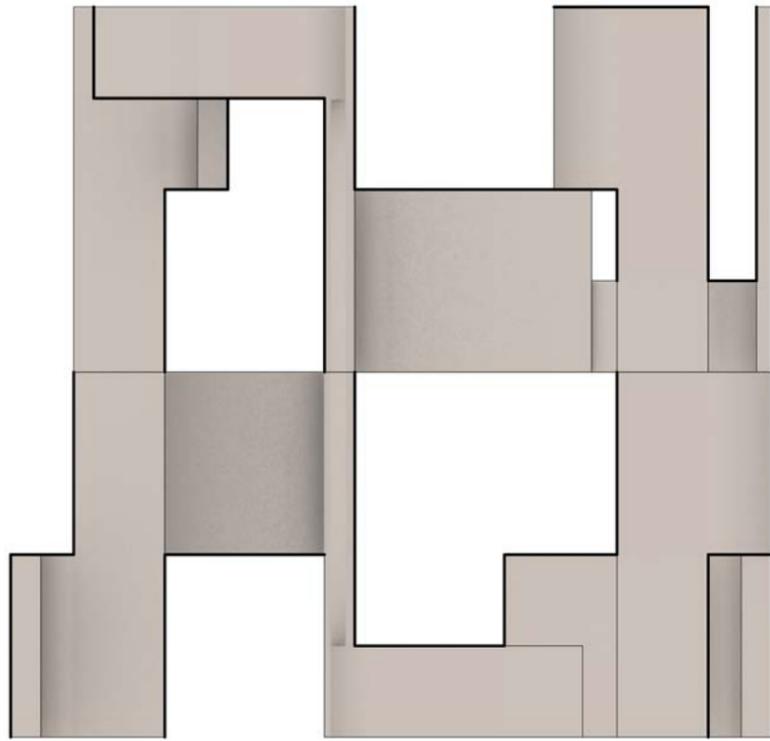
Plan Proposition at the New PS 64

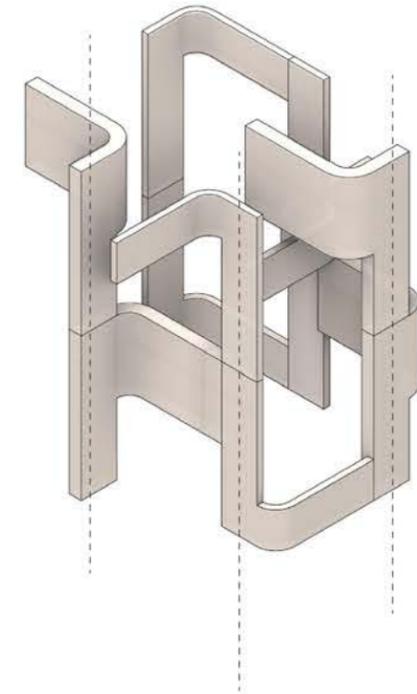
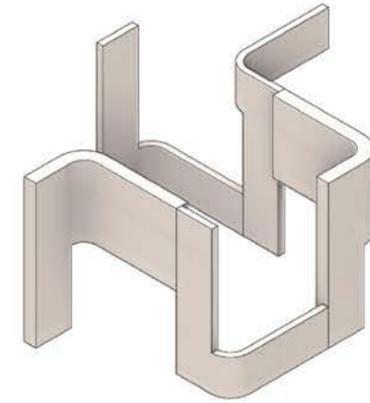
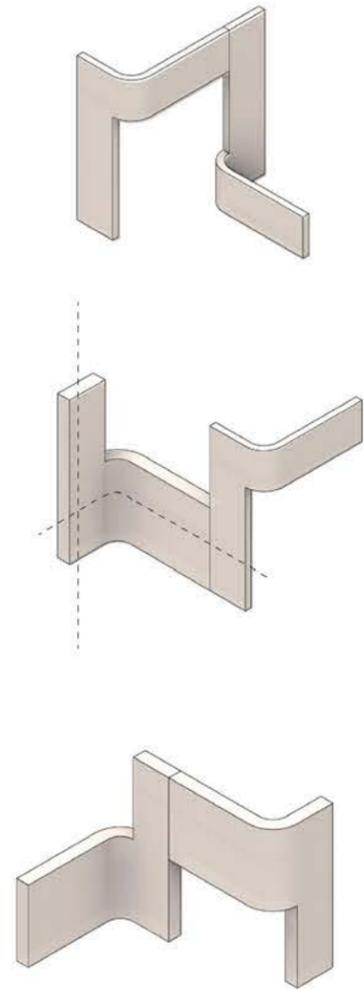
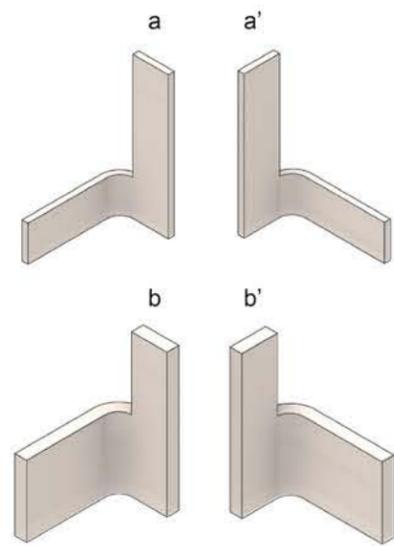


Prototype: Clay Modules









Site: PS 64





Material: Recycled Aggregate Concrete

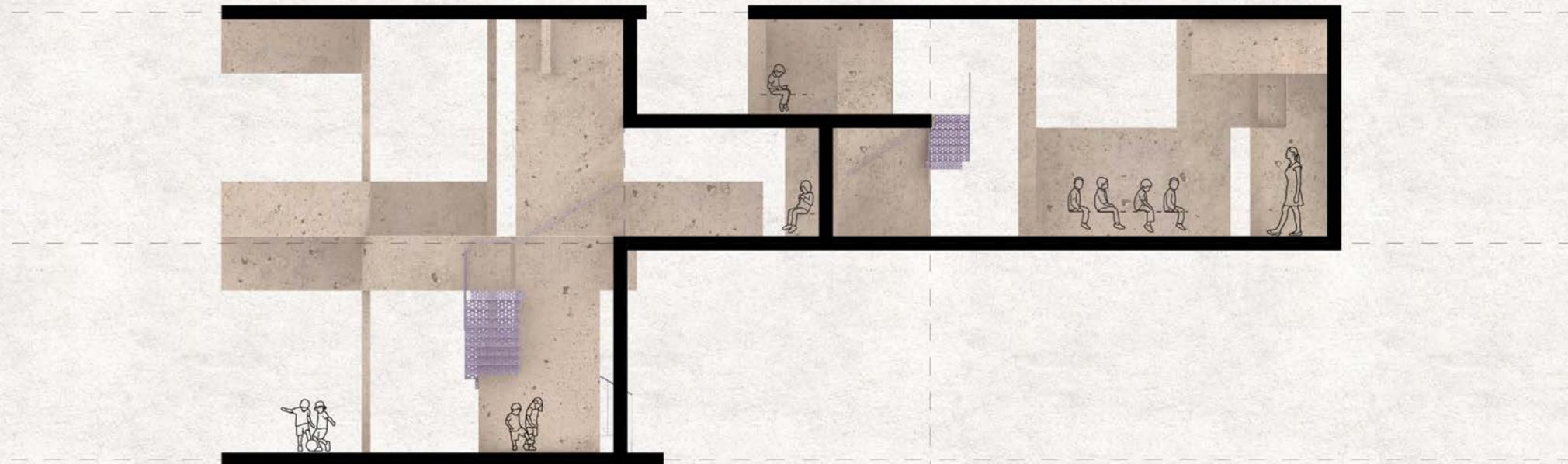




Play

Discovery

Experience



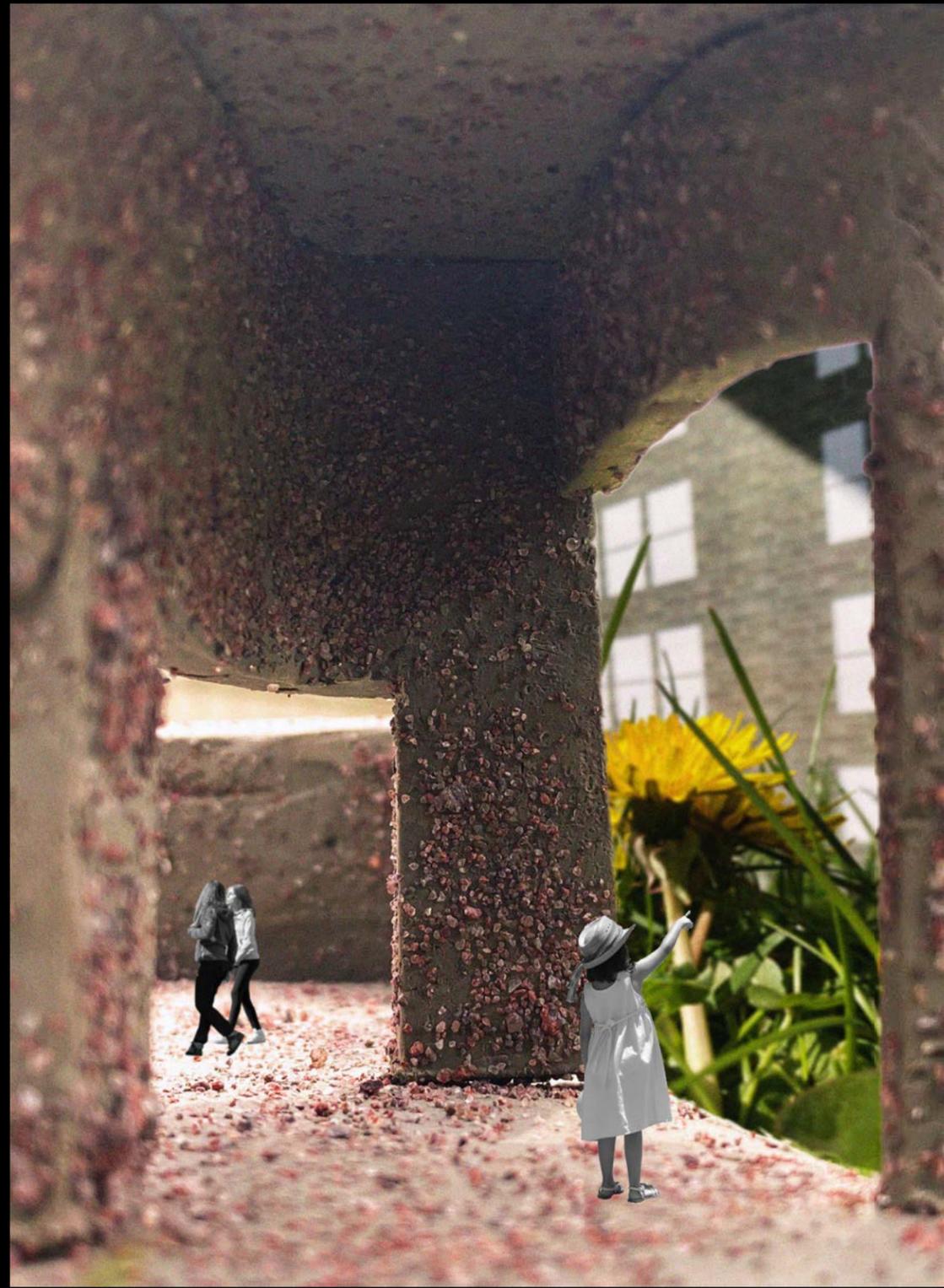




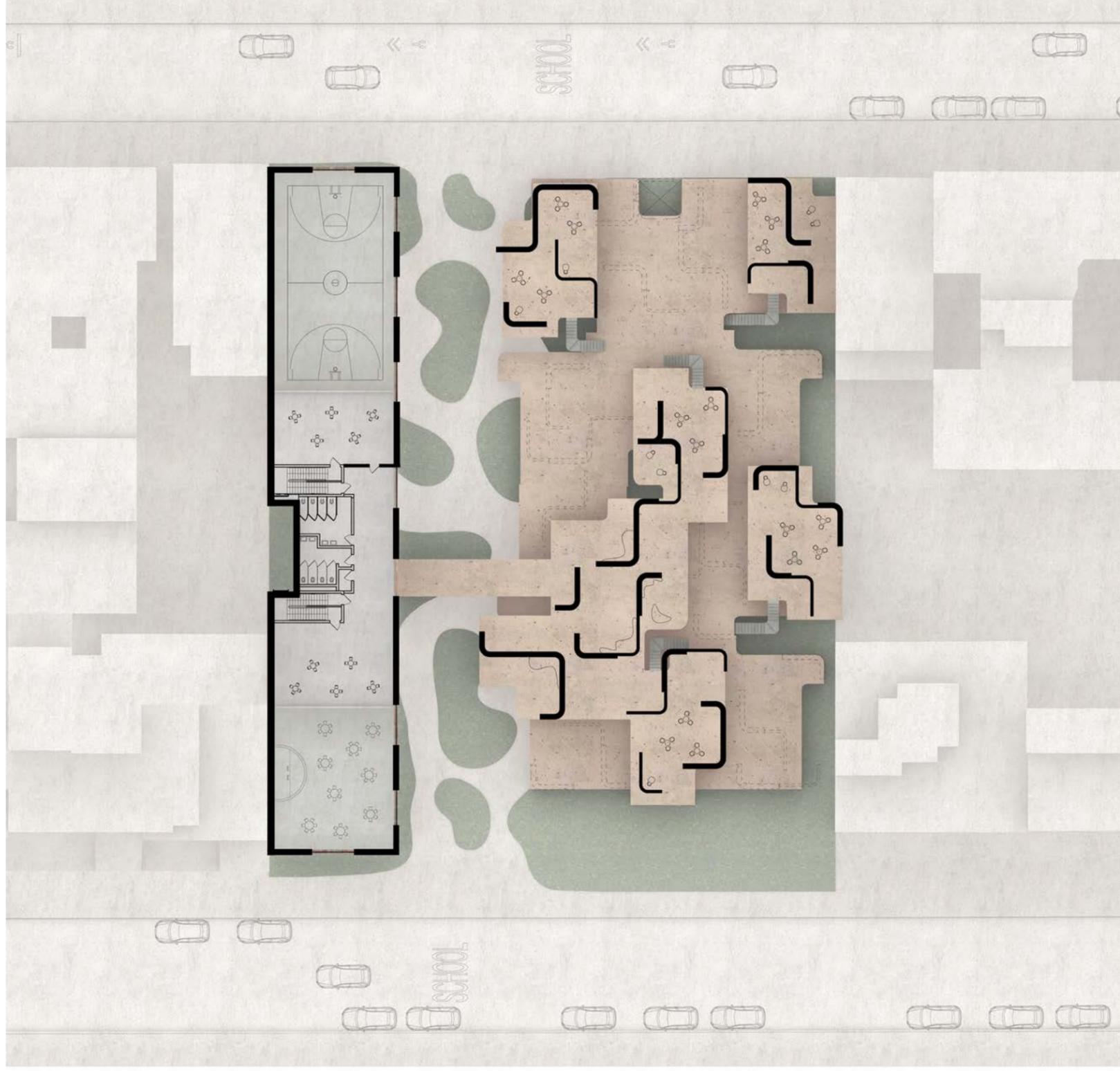


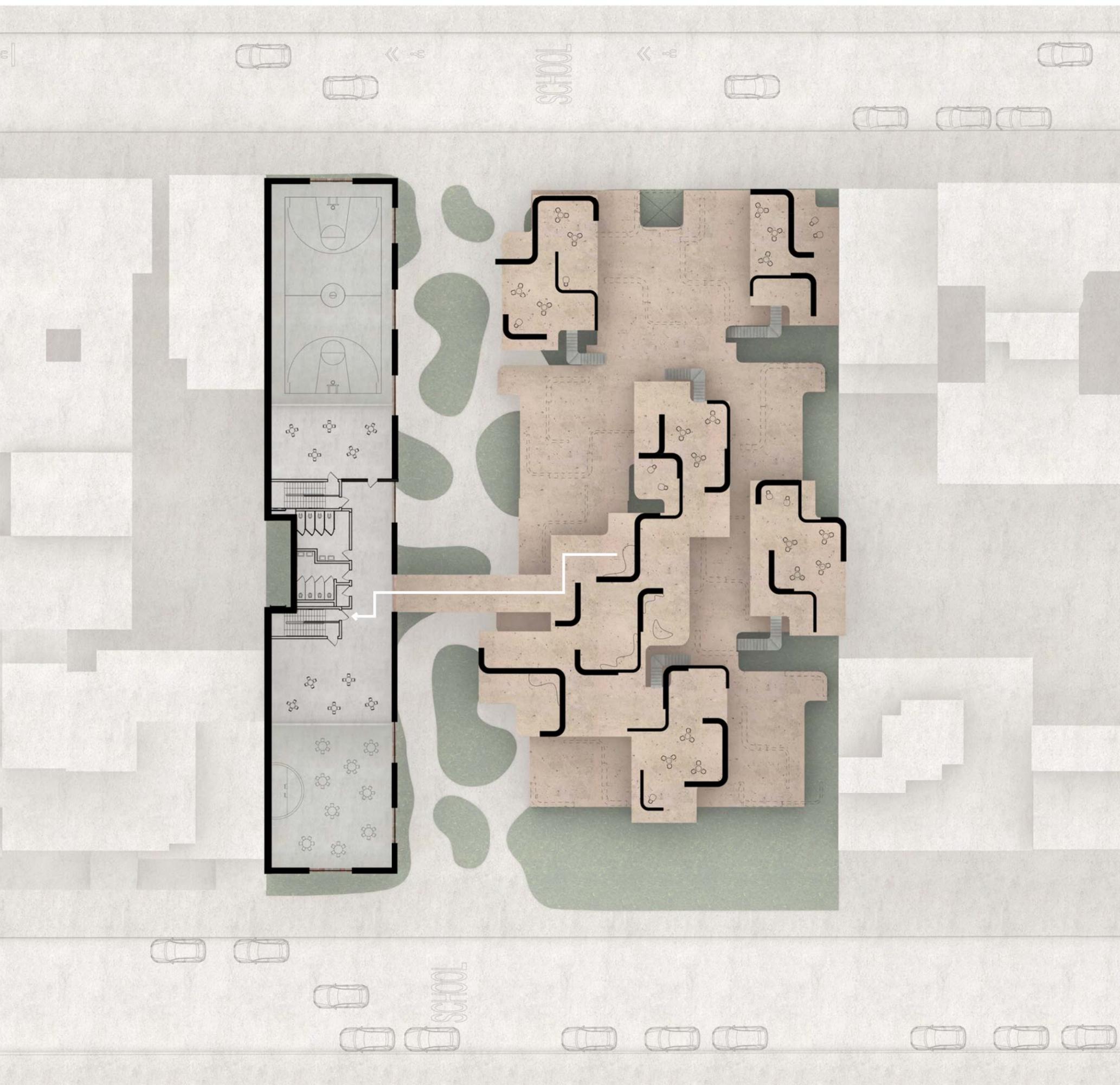












Typical floor net area = 12,000 sf

Occupancy load factor = 30 sf/pp

Occupance load = 400 occupants per floor

Number of egress needed = 2

Maximum distance of travel to egress = 85 ft

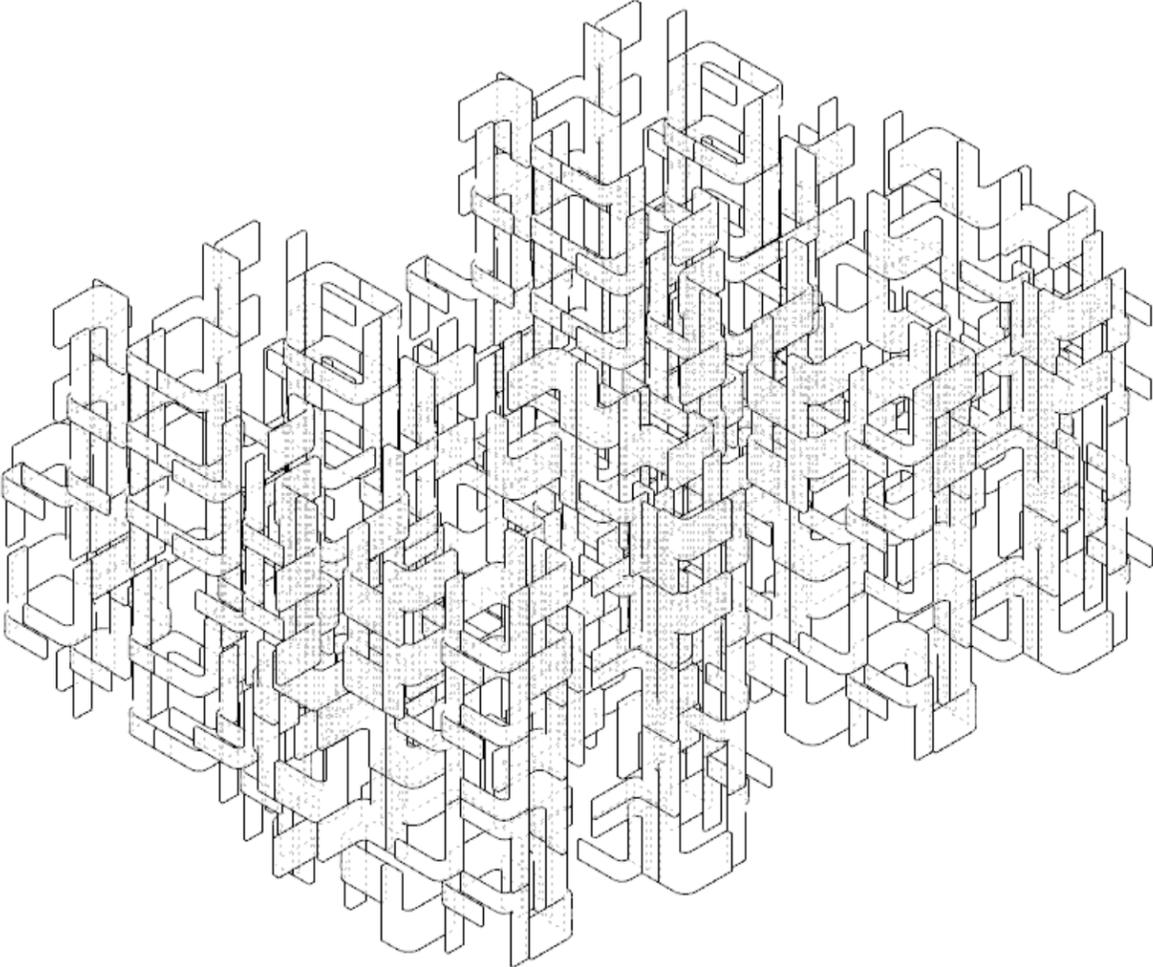
Required corridor width =  $400 \times .2 = 80''$

Required stair width =  $400 \times .5 \times .2 = 40''$

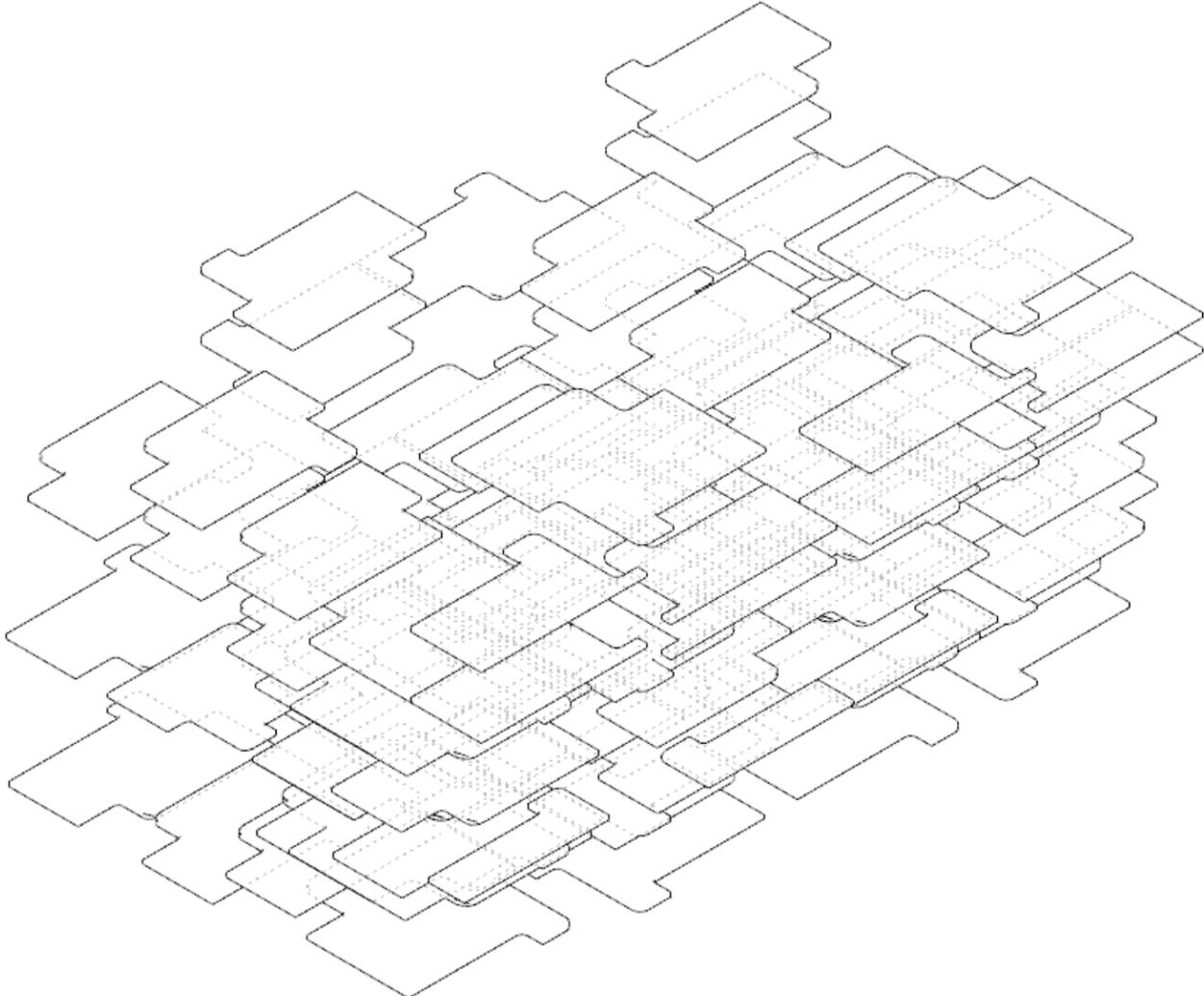




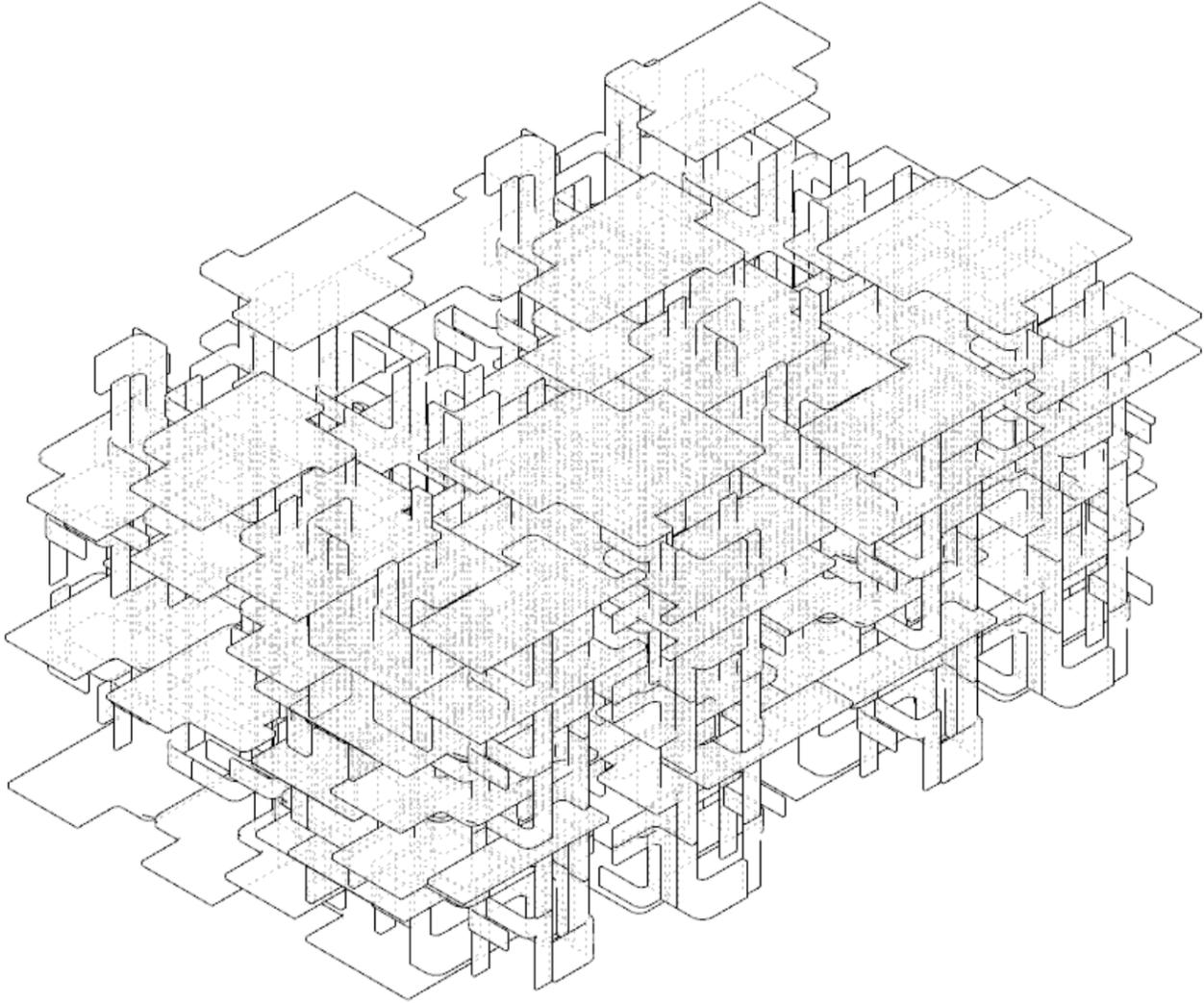
Vertical Modules

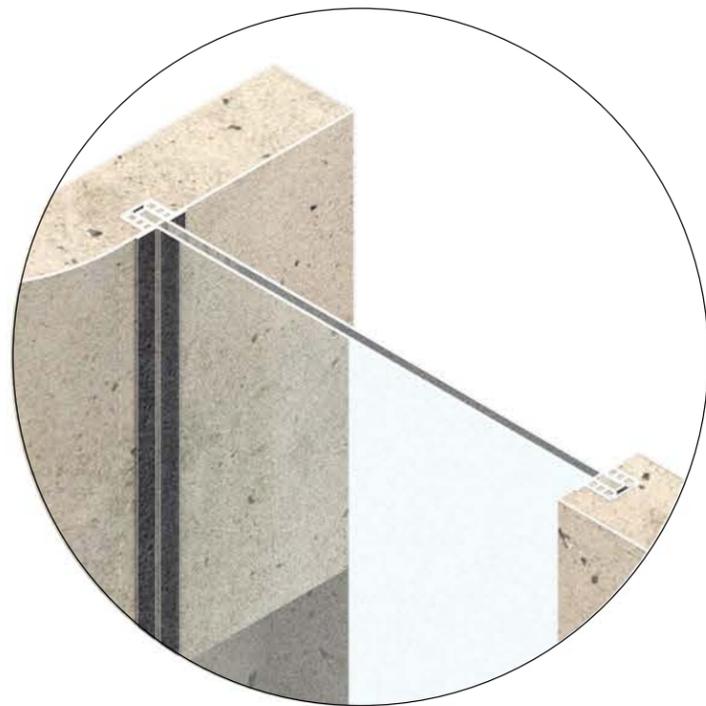
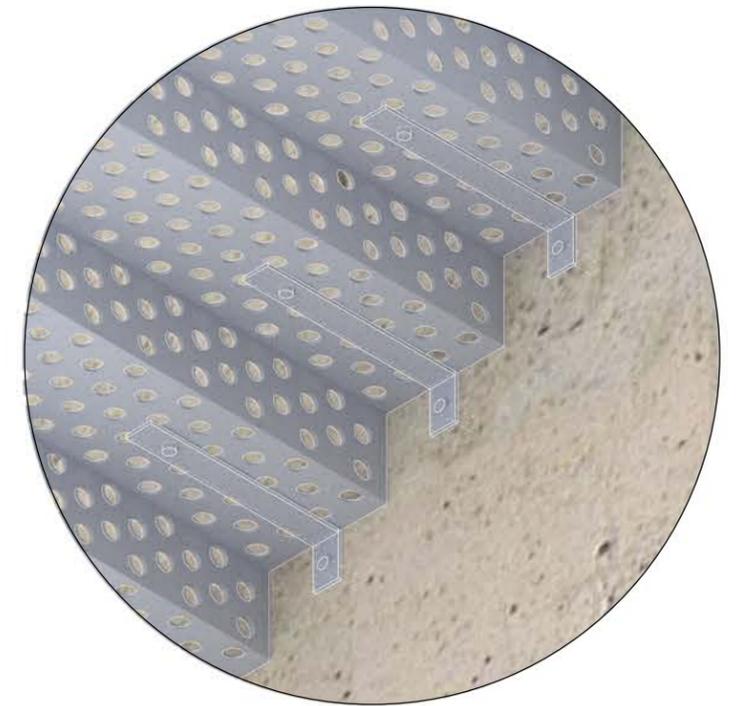
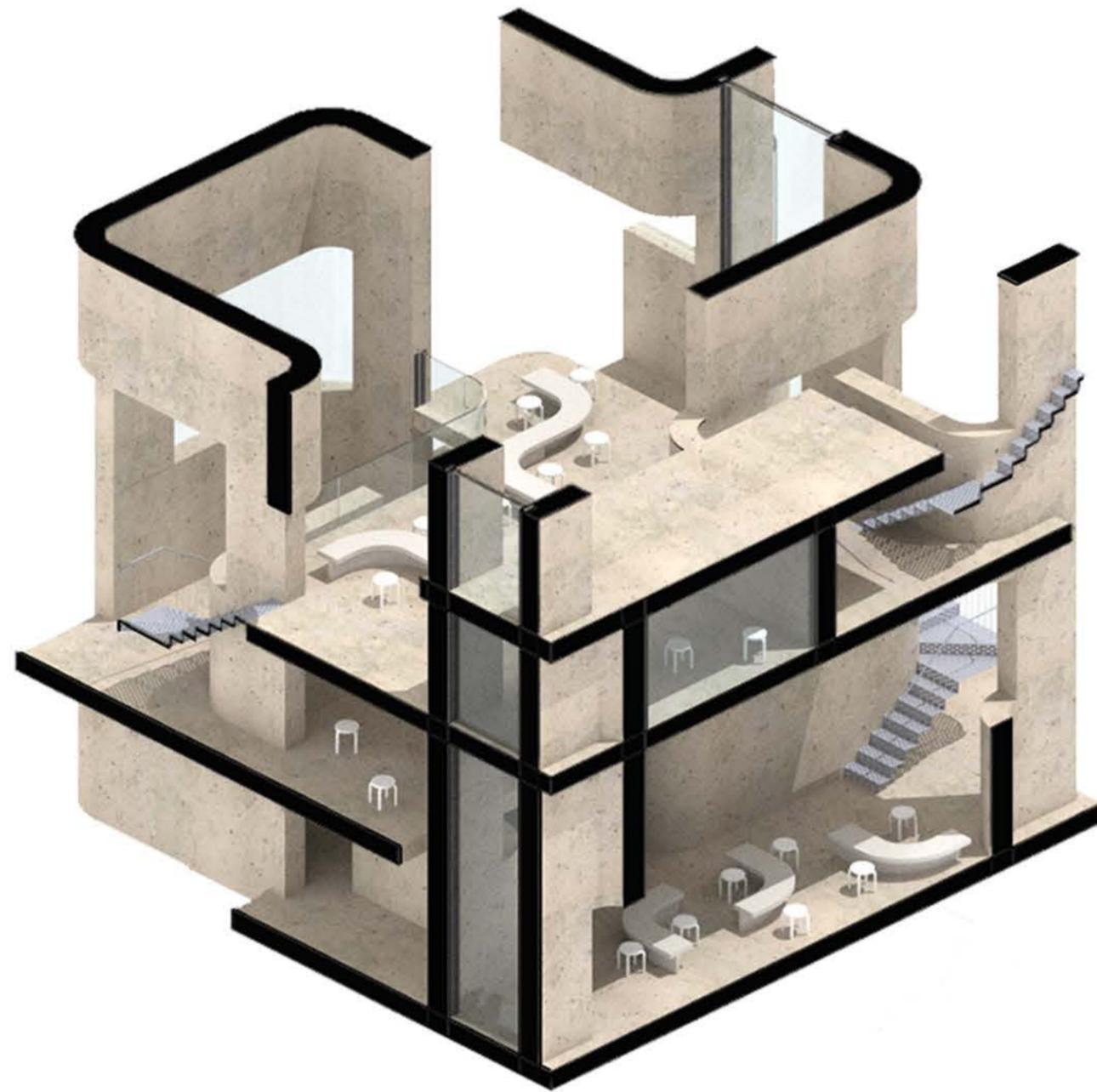


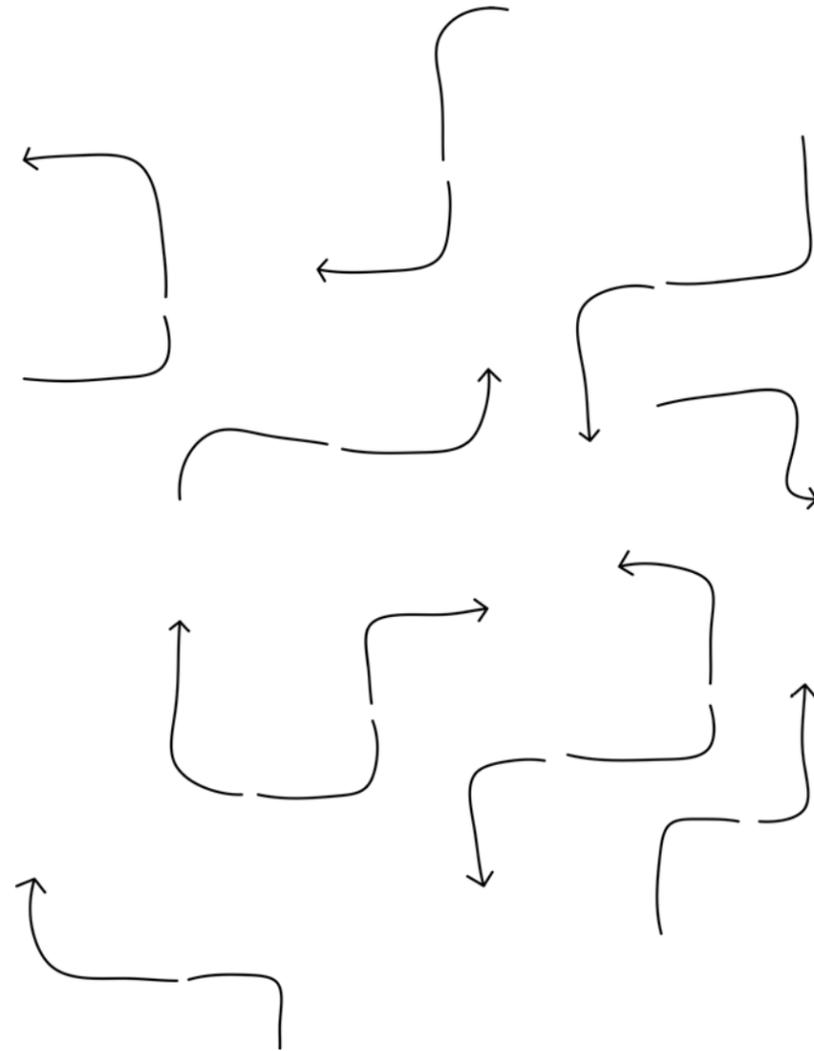
Lateral Slabs



Complete Structure







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