Pataphysical Prosthesis:

Bringing the 3D Printing Industry from Detroit, MI to the World

Carmen Johnson

SAFETY IS EVERYBODY'S BUSINESS

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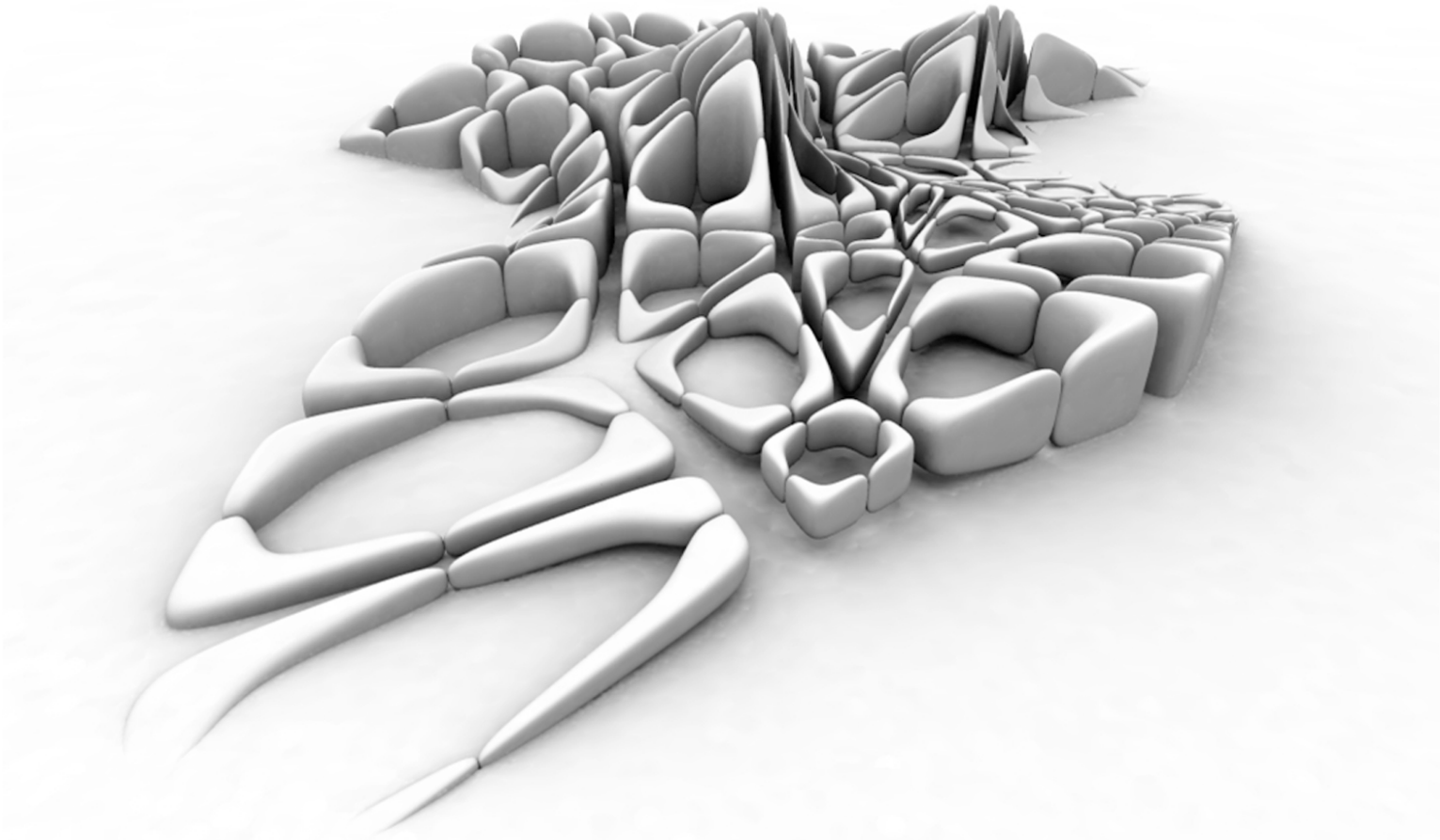
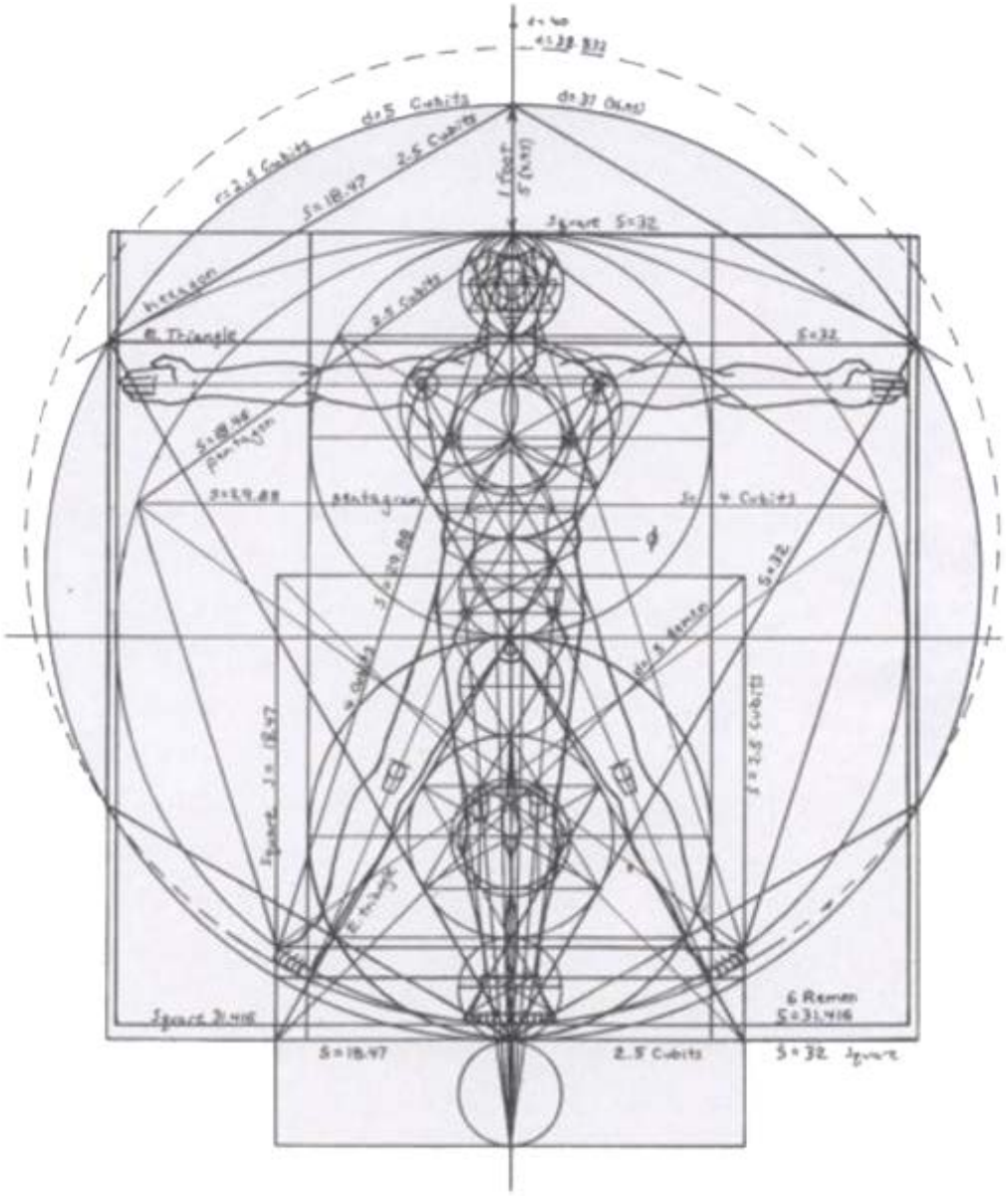
When humans were no longer efficient, it drove them out with automation and relocation.

“Our visible world, for McLuhan as for Heidegger, seems to be filled ‘with petrified statues, with things that have the mere semblance of life’” (Harman, 187).

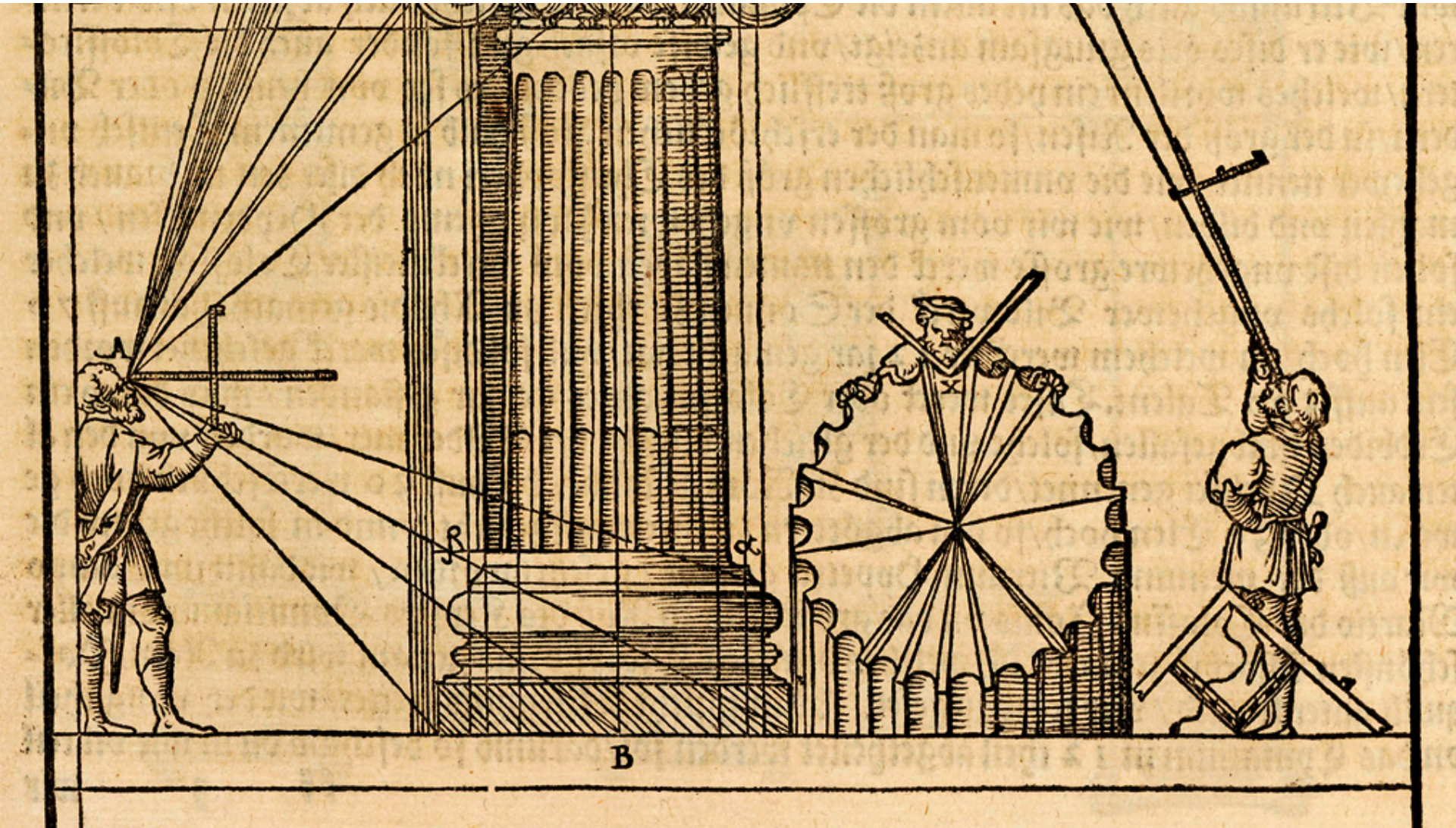
How can architecture embrace future technology while remaining grounded in the broader reality of the cultural context?

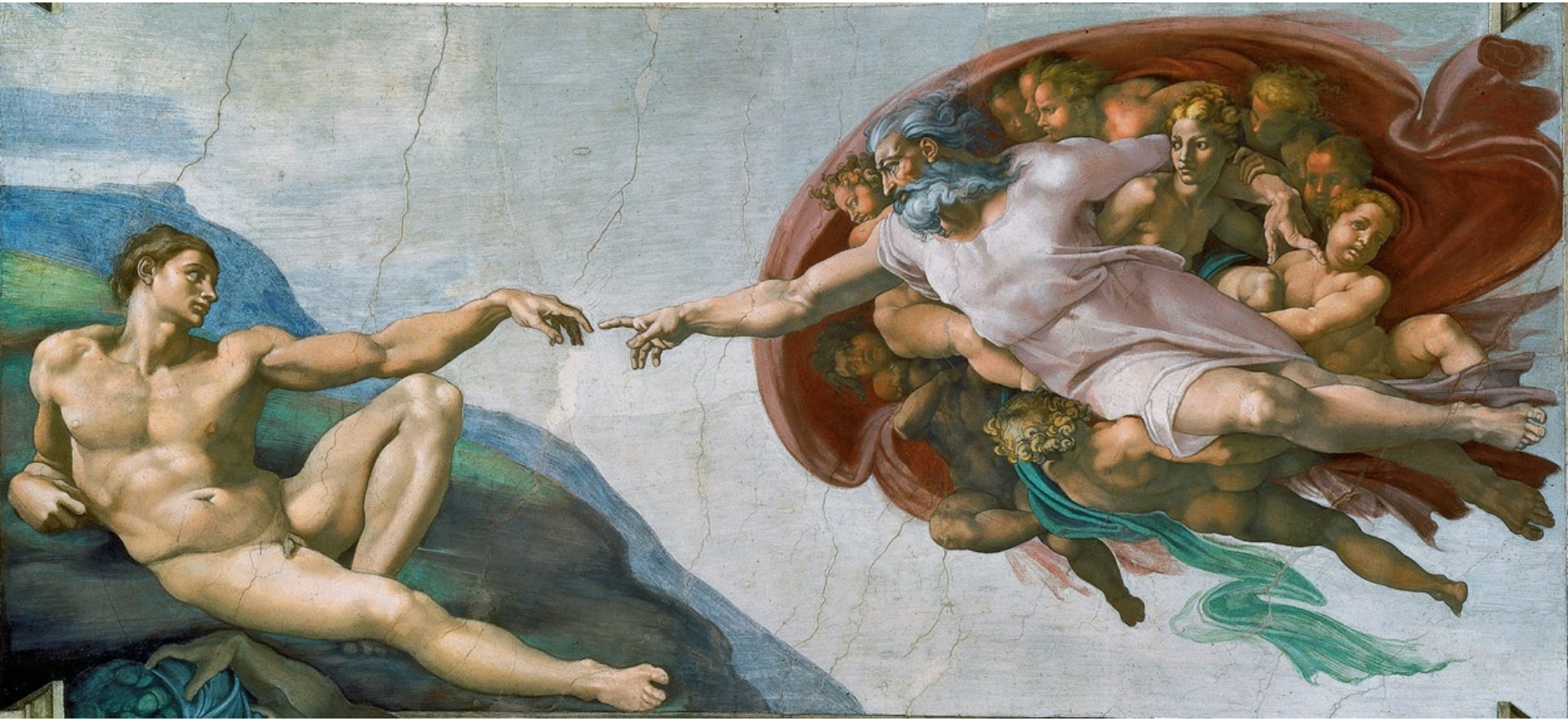




“When moving, it resolves two contrary motions, a geometric manifestation of *coincidentia oppositorum*” (Olshavsky, 184).

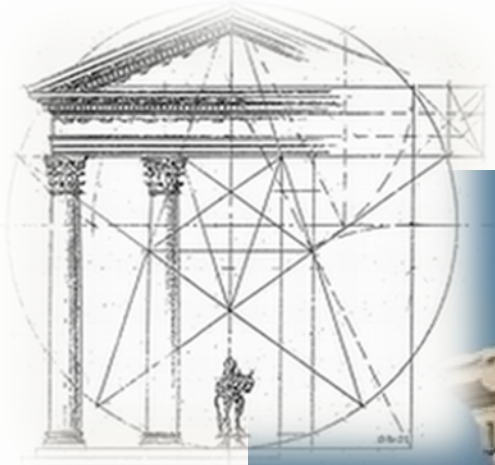
“instruments which make possible a reversal of power such as that which is metis – which enable the smaller and weaker to dominate the bigger and stronger” (Olshavsky, 184).





“The primary purpose of medieval machines was not to understand the cosmos as an objective entity but to demonstrate the wondrous workings of the Nature that God had created” (Olshavsky, 188).

on “ritual, the original *mimesis*, to insure the effectiveness of their architecture as cosmic place, founded on a belief in the cosmos as the source of the transcendental order of formal relationships” (Pérez-Gómez, 49).

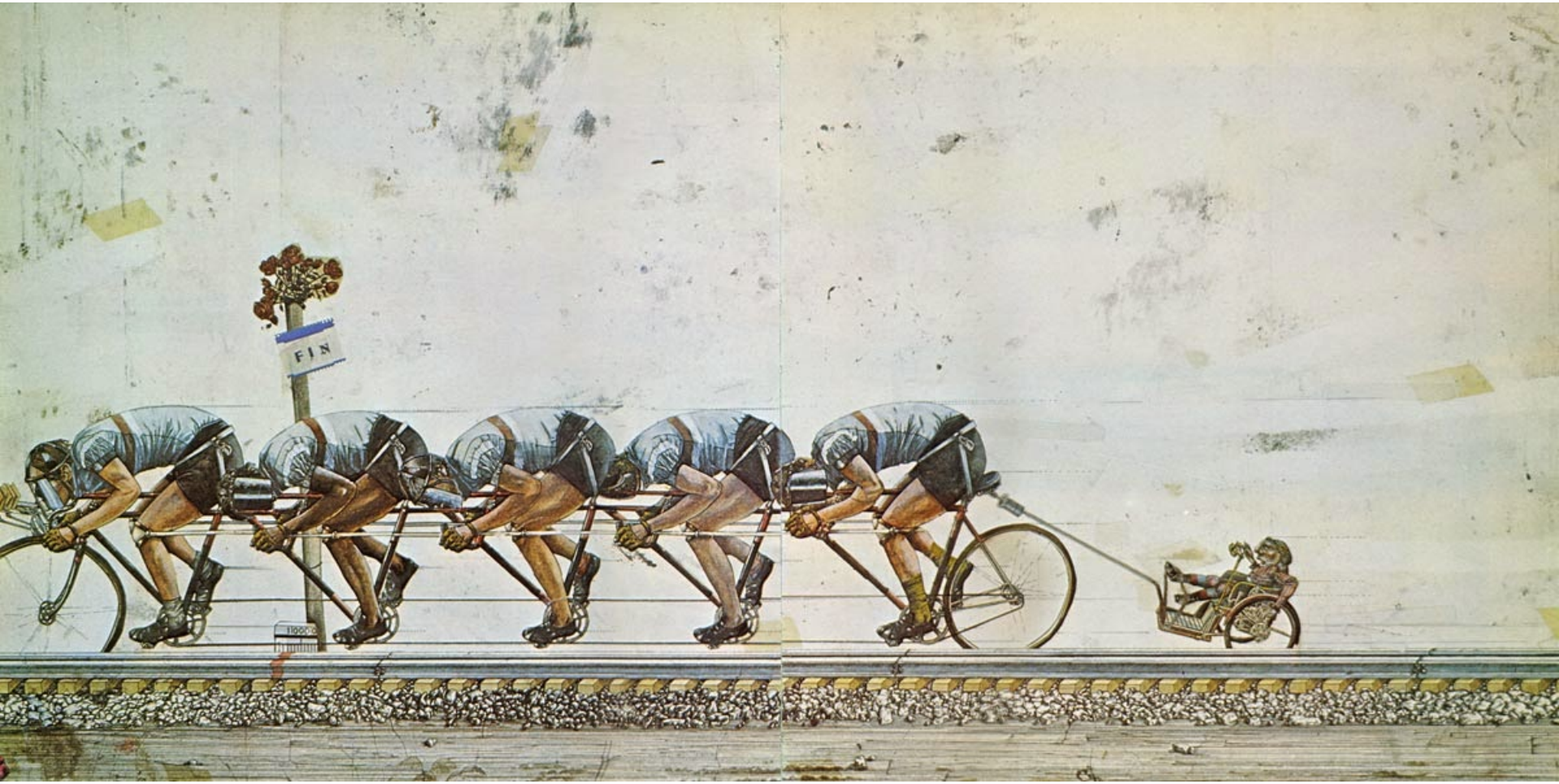


"After Plato's *techne*, the craftsman's (and the architect's) original technique becomes a *doxa* (opinion), as opposed to true science, *episteme* (knowledge). It is seen to participate in true knowledge only in so far as its operations are guided by weight, measure or calculation" (Pérez-Gómez, 49).

The interpretive space between the worldly activities of man and the celestial activities of the gods collapsed and flattened.

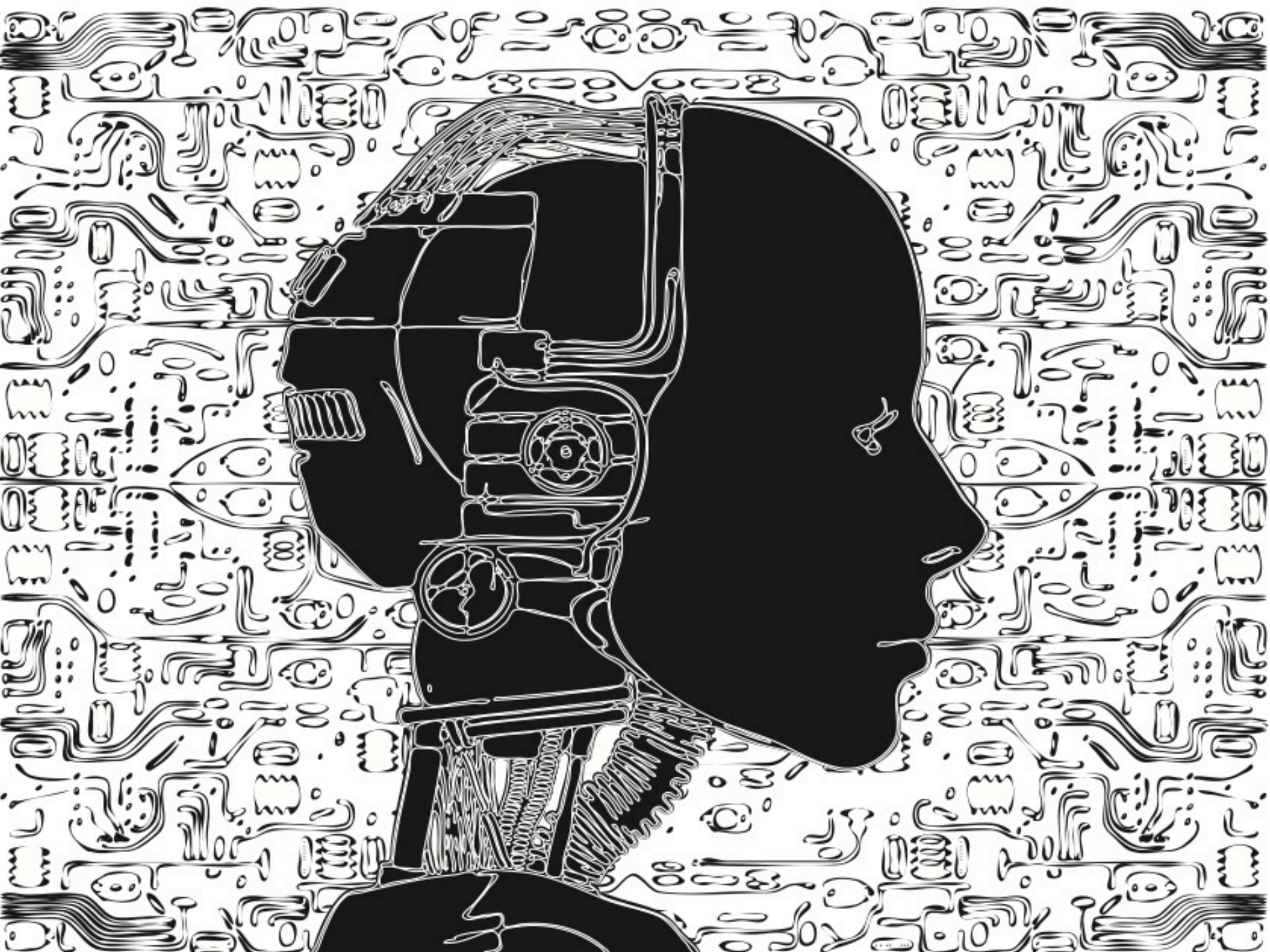
RECYCLE

Accelerationists “seek(s) to preserve the gains of late capitalism while going further than its value system, governance structures, and mass pathologies will allow” (Williams, 8).



“Relentless iterations of the same basic product sustain marginal consumer demand at the expense of human acceleration” (Williams, 9)

"…it must include recovering the dreams which transfixed many from the middle of the Nineteenth century until the dawn of the neoliberal era, of the quest of Homo Sapiens towards expansion beyond the limitations of the earth and our immediate bodily forms. These visions are today viewed as relics of a more innocent moment" (Williams, 16-17)

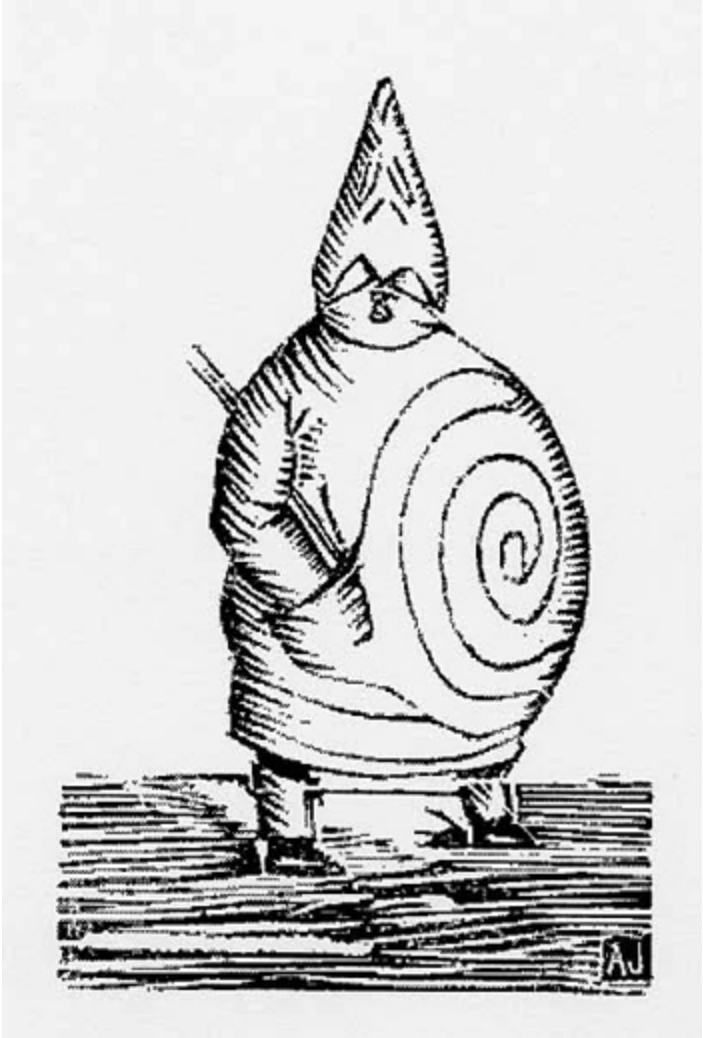


Jarry's Pataphysical Machines

Modern physics – appearances and quantifiable phenomena

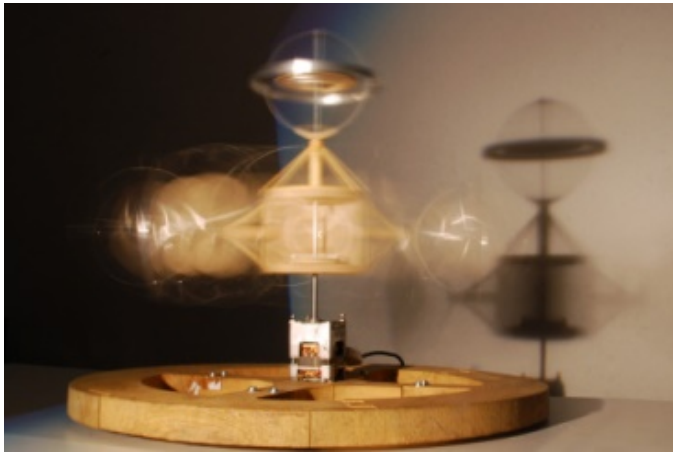
Metaphysics - lost in abstractions that neglect the concrete and historical

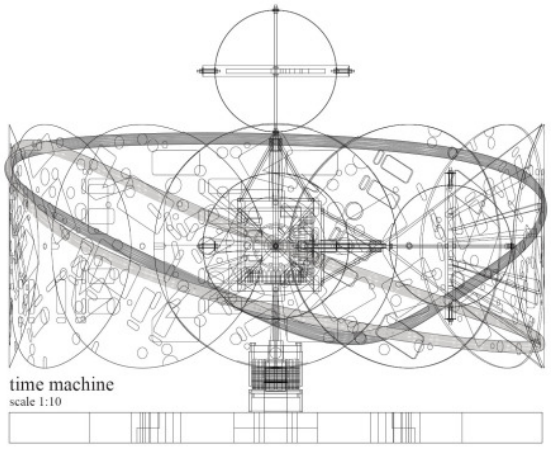
Pataphysics - targets precisely where we live. This includes dreams, hallucinations, and other outpourings of the imagination that modern science does not regard as 'real'

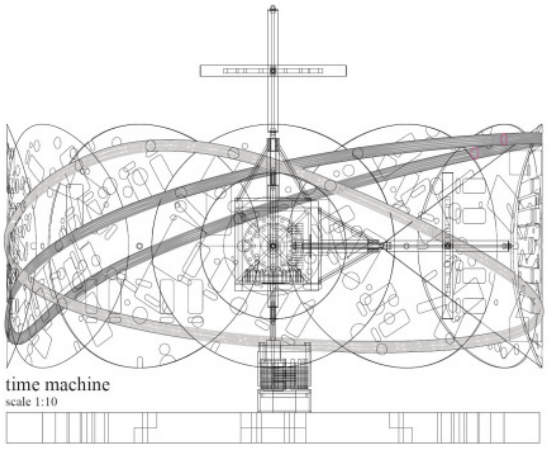


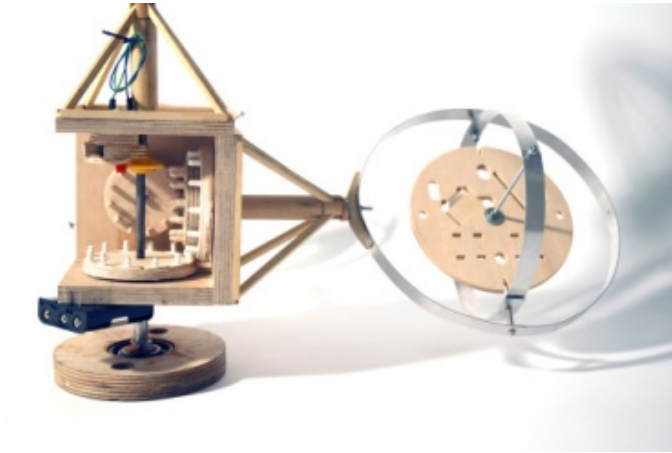
Ubu Roi

"'impropobable' contrivances are governed neither by mere mechanics nor by conventional utility. It also makes little difference whether they are materially feasible. By suspending the functional aim of mechanics, these contentious pataphysical machines may seem 'useless', but instead present 'the semblance of machinery, of the kind seen in dreams, at the theater, at the cinema.' This allies them more closely to their earlier architectural heritage of wondrous and imaginative contrivances in search of meaning" (Olshavsky, 199).









“Our modern worship of technique derives from man’s ancestral worship of the mysterious and marvelous character of his own handiwork” (Ellul, 24).

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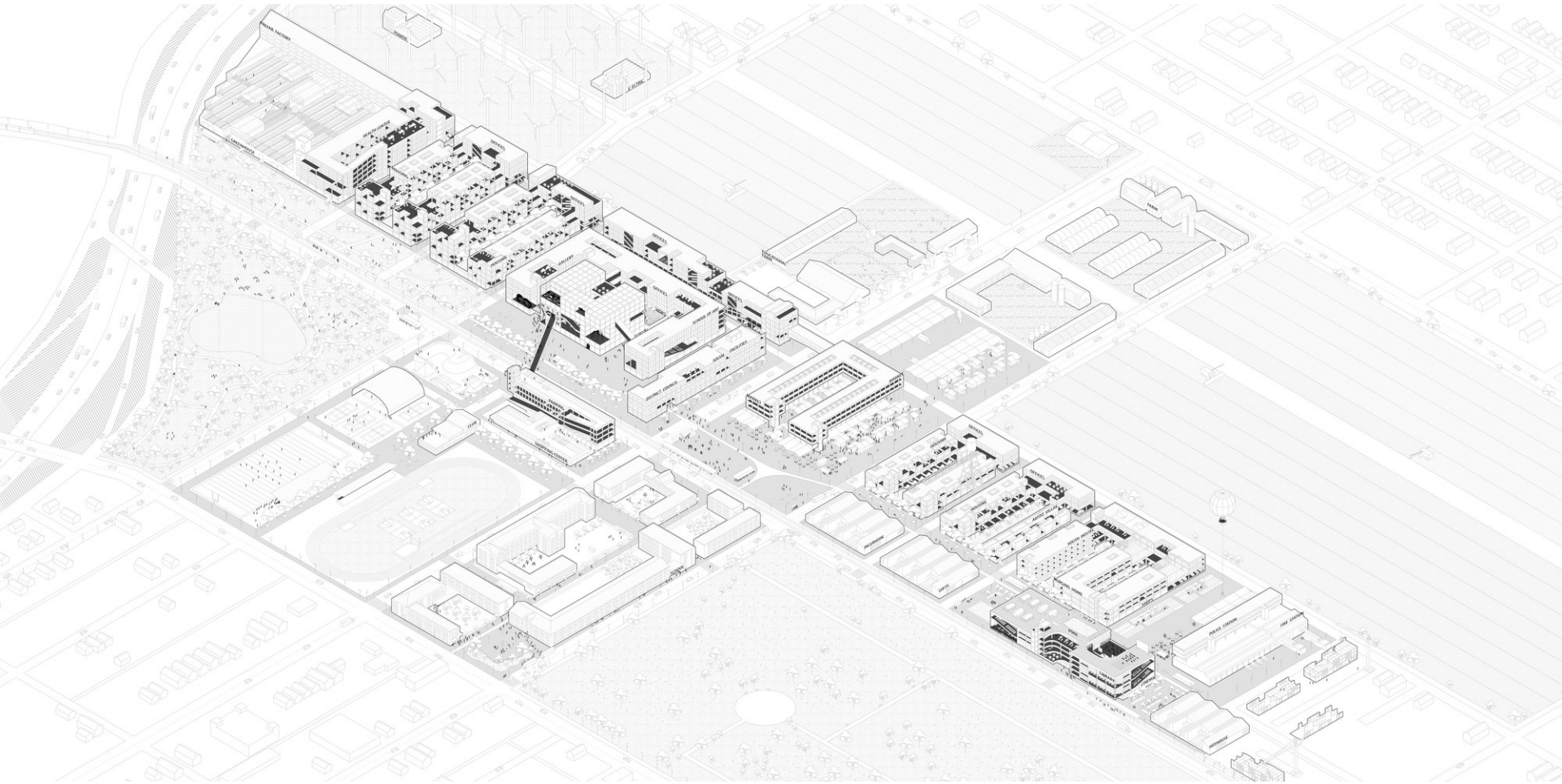

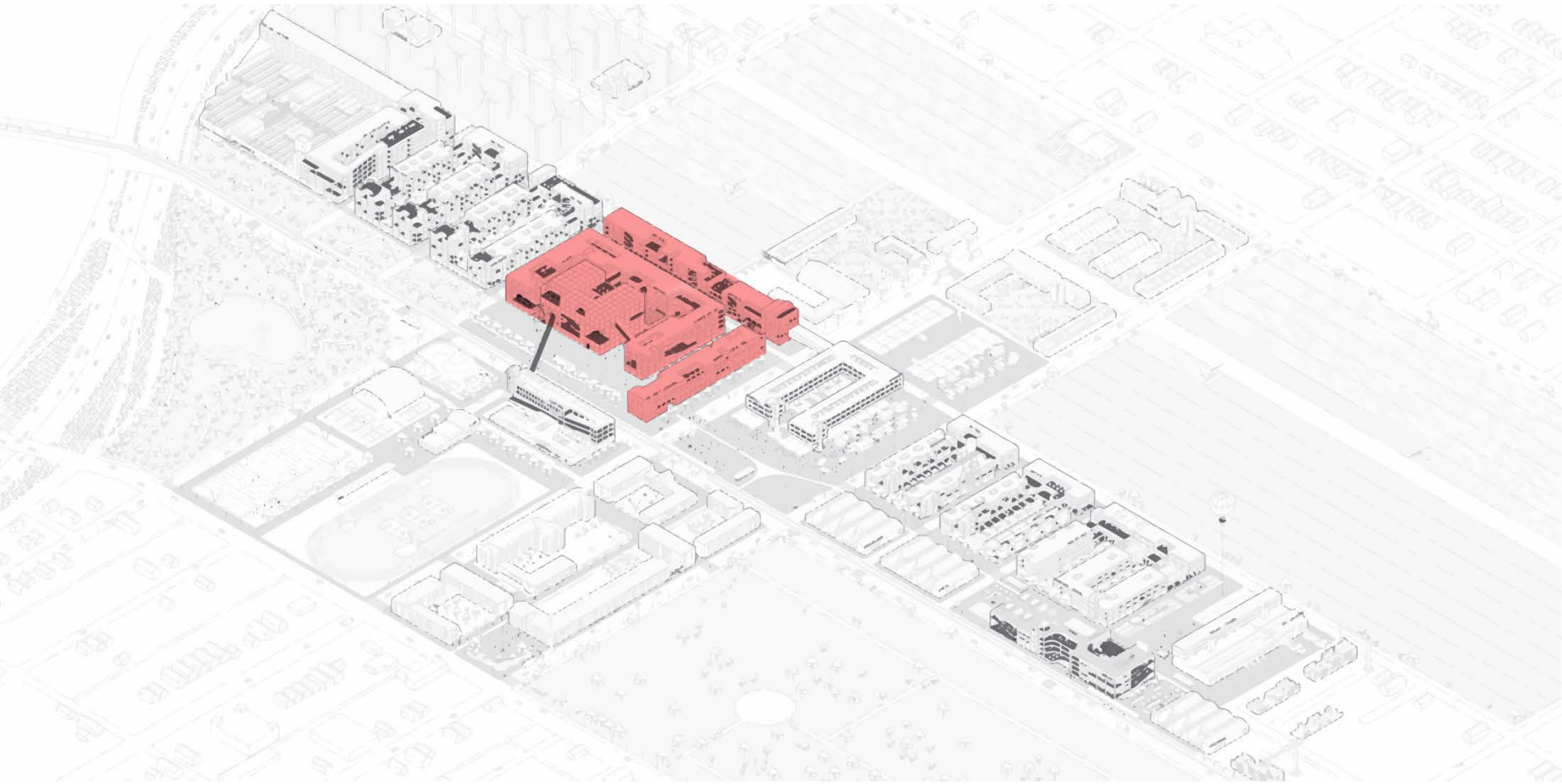

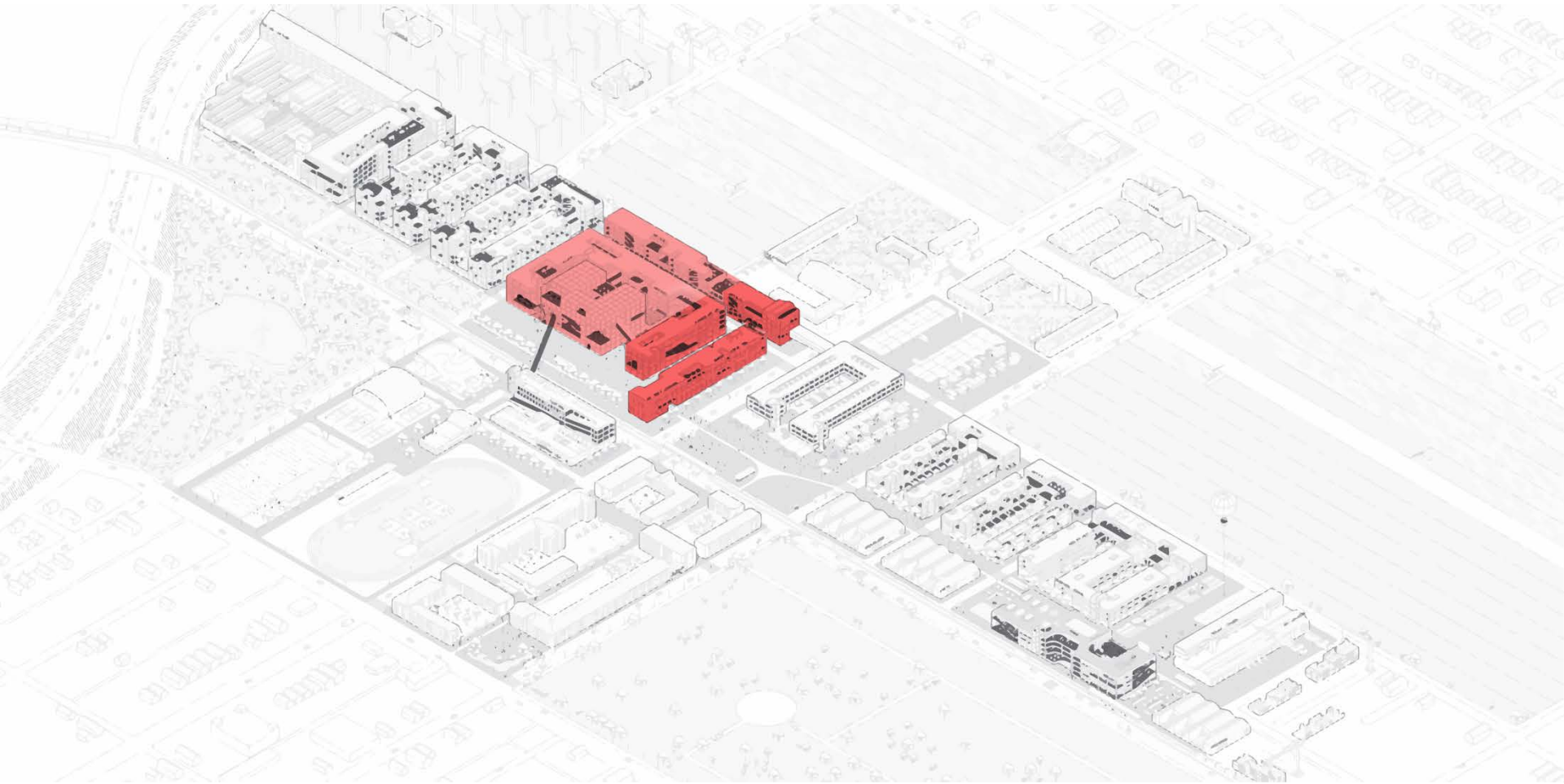

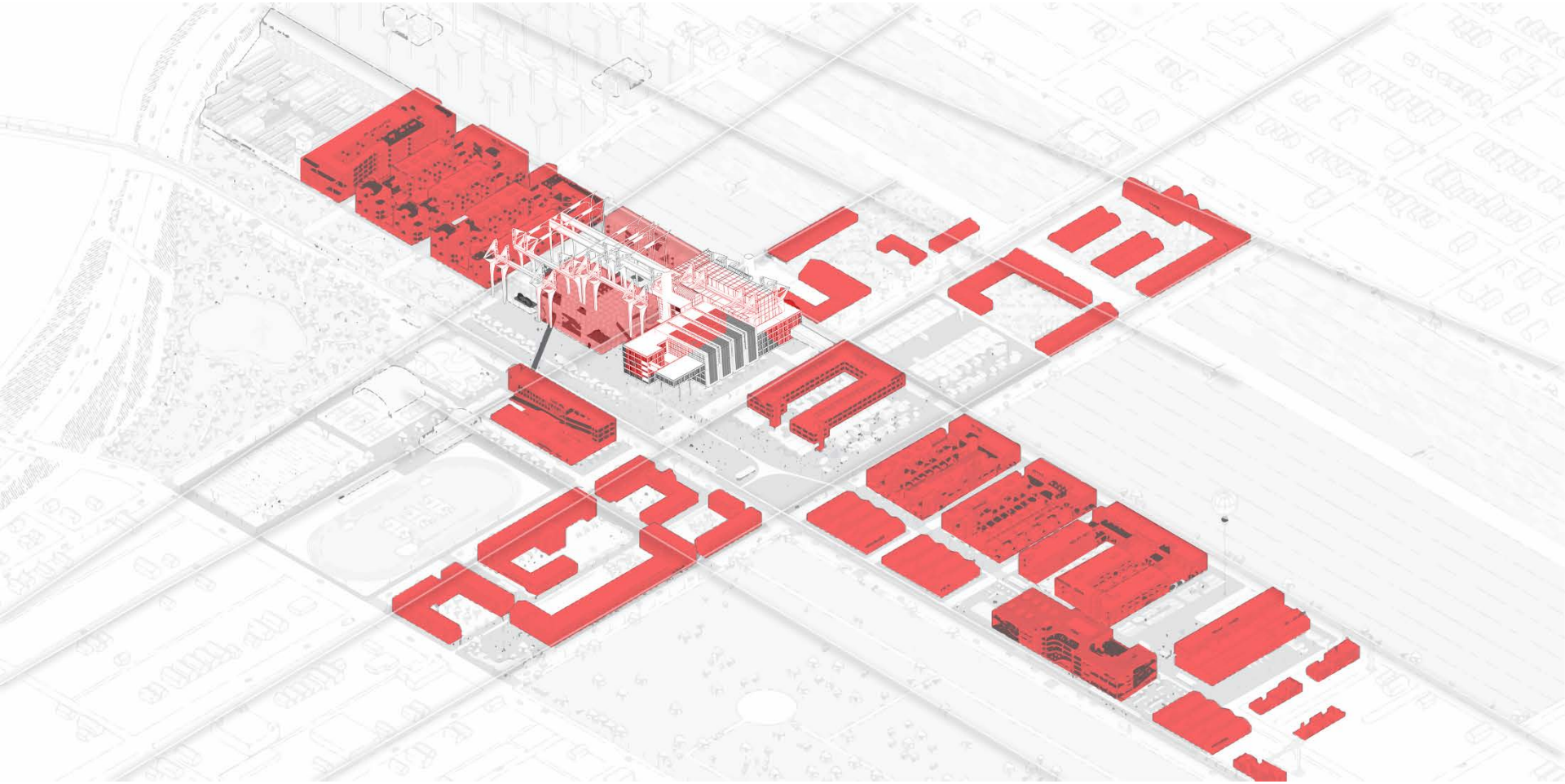

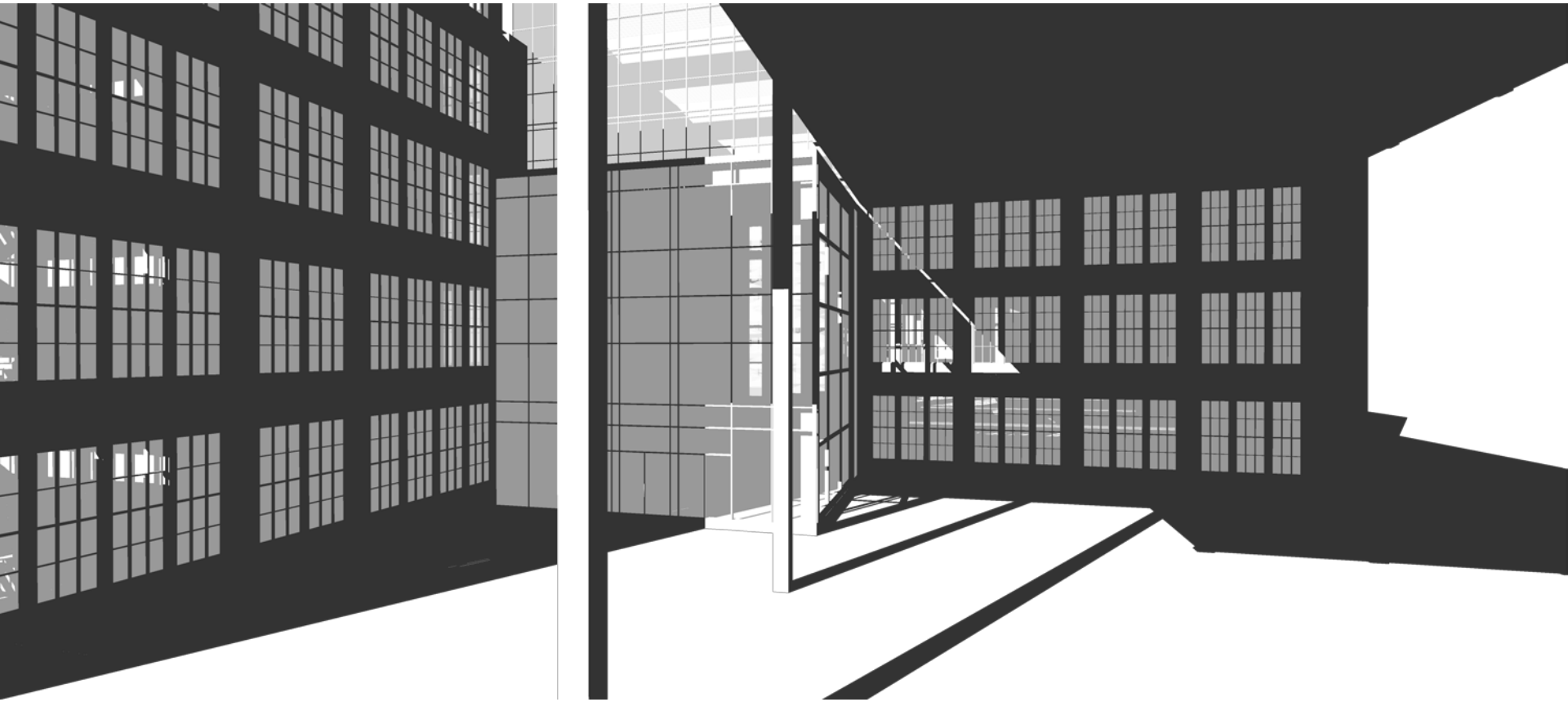

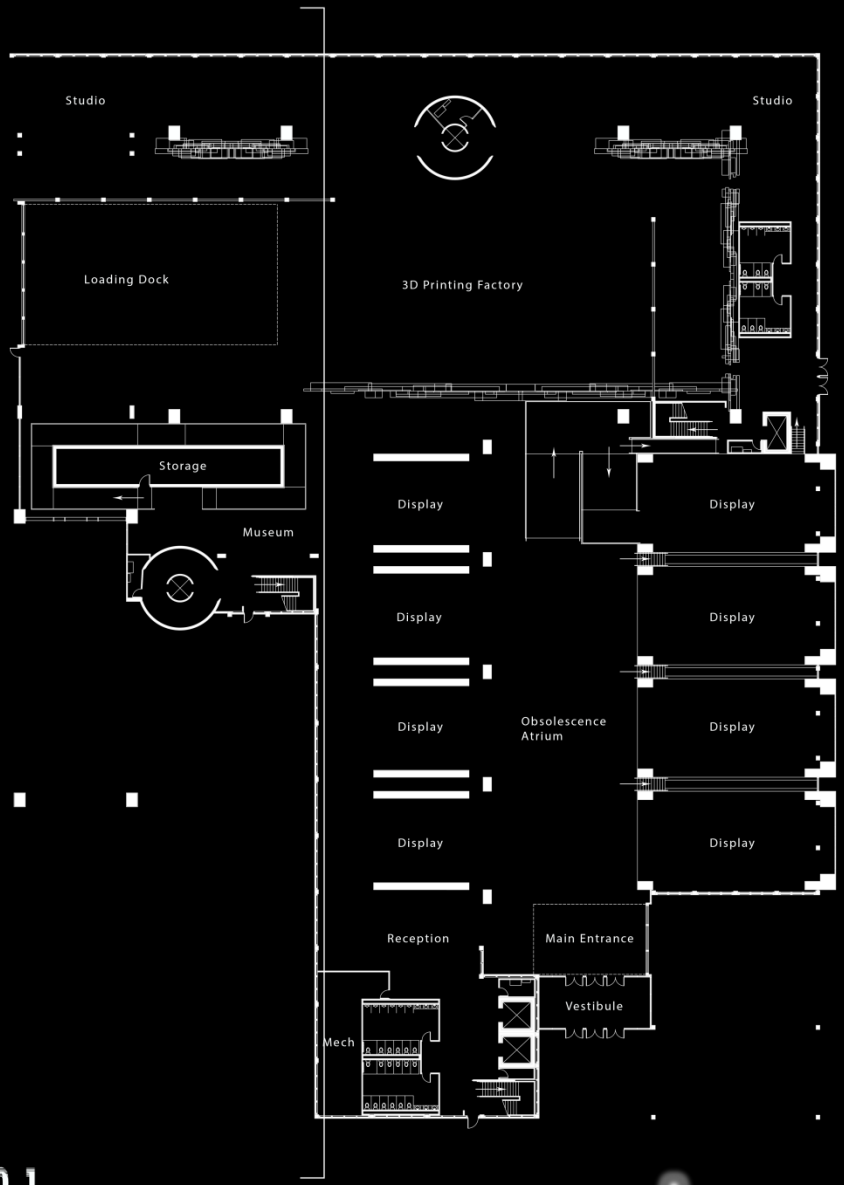
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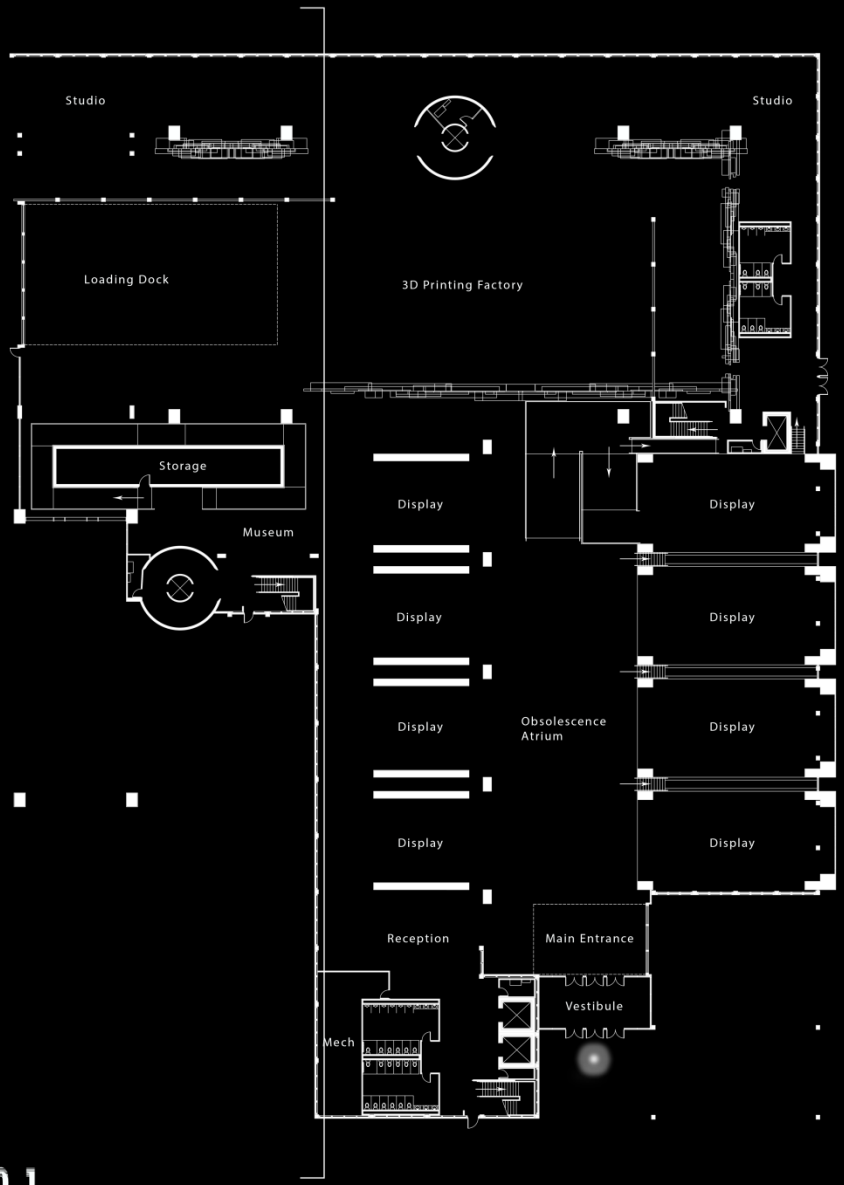
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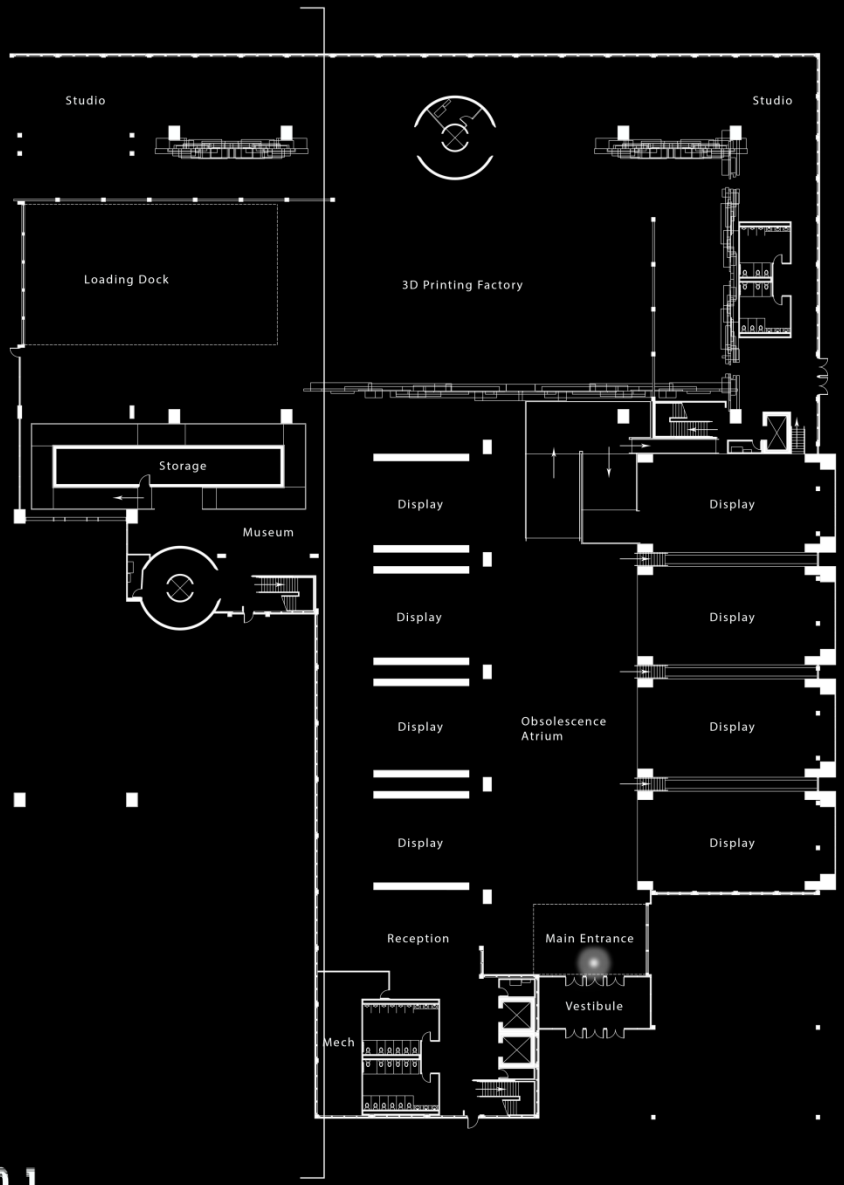
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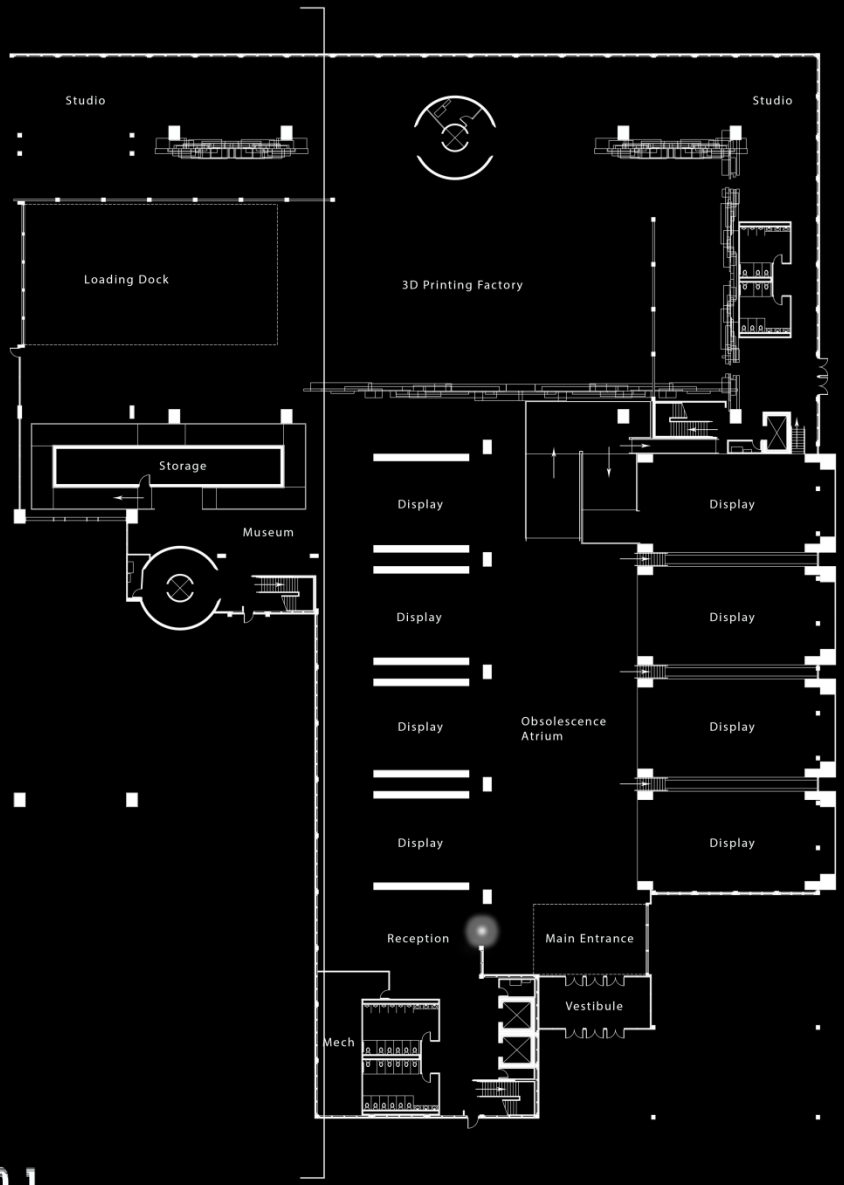
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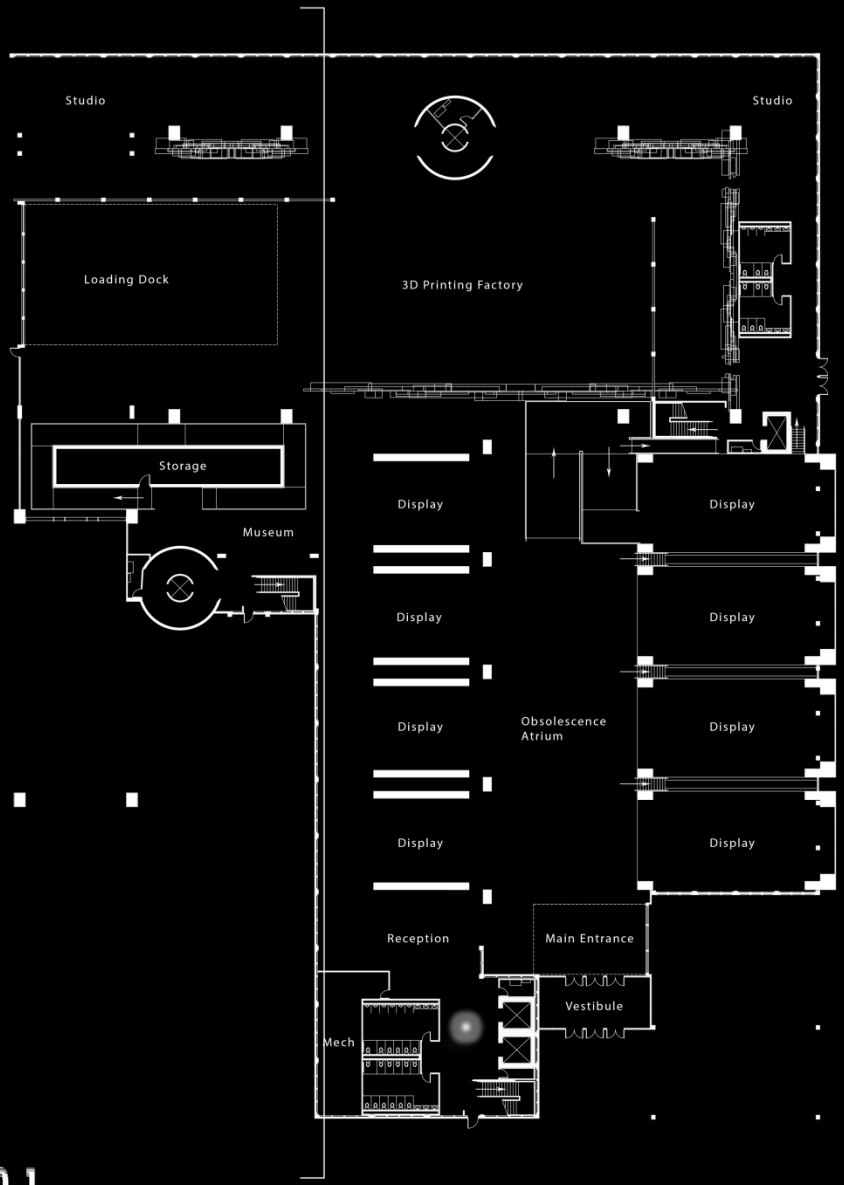
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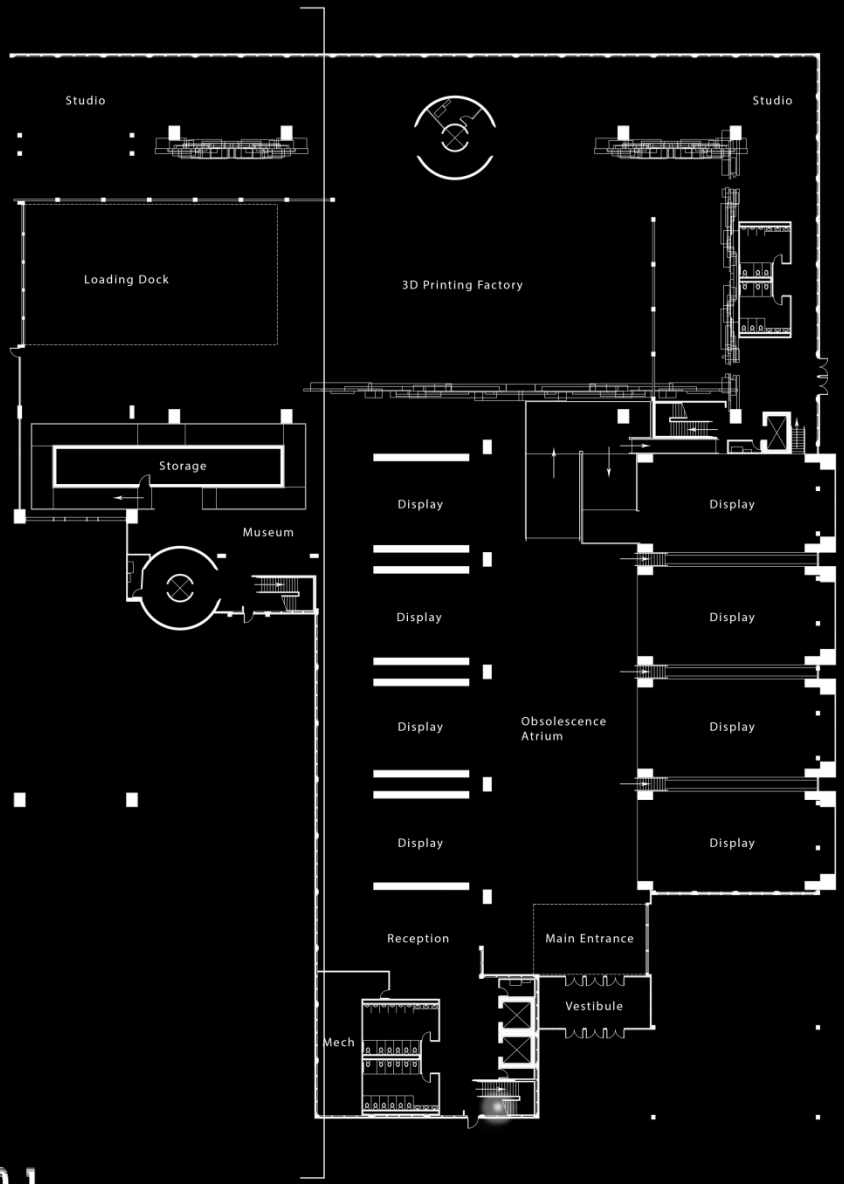
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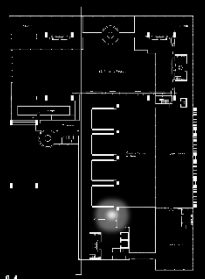

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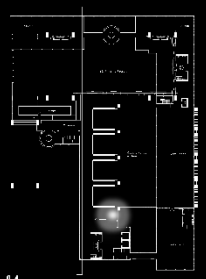

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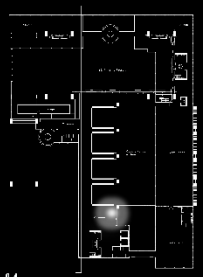

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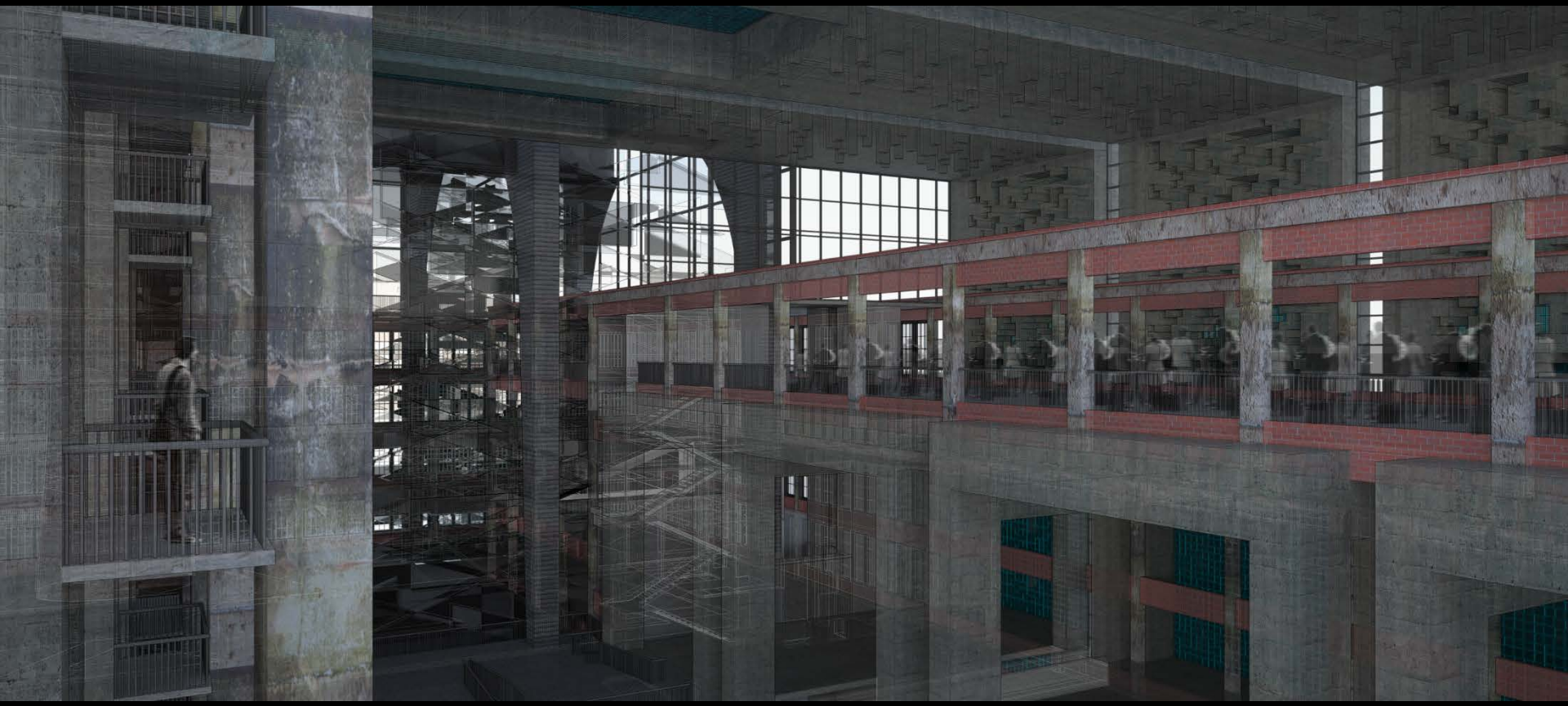

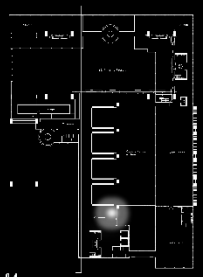

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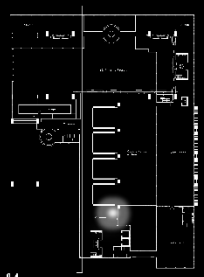

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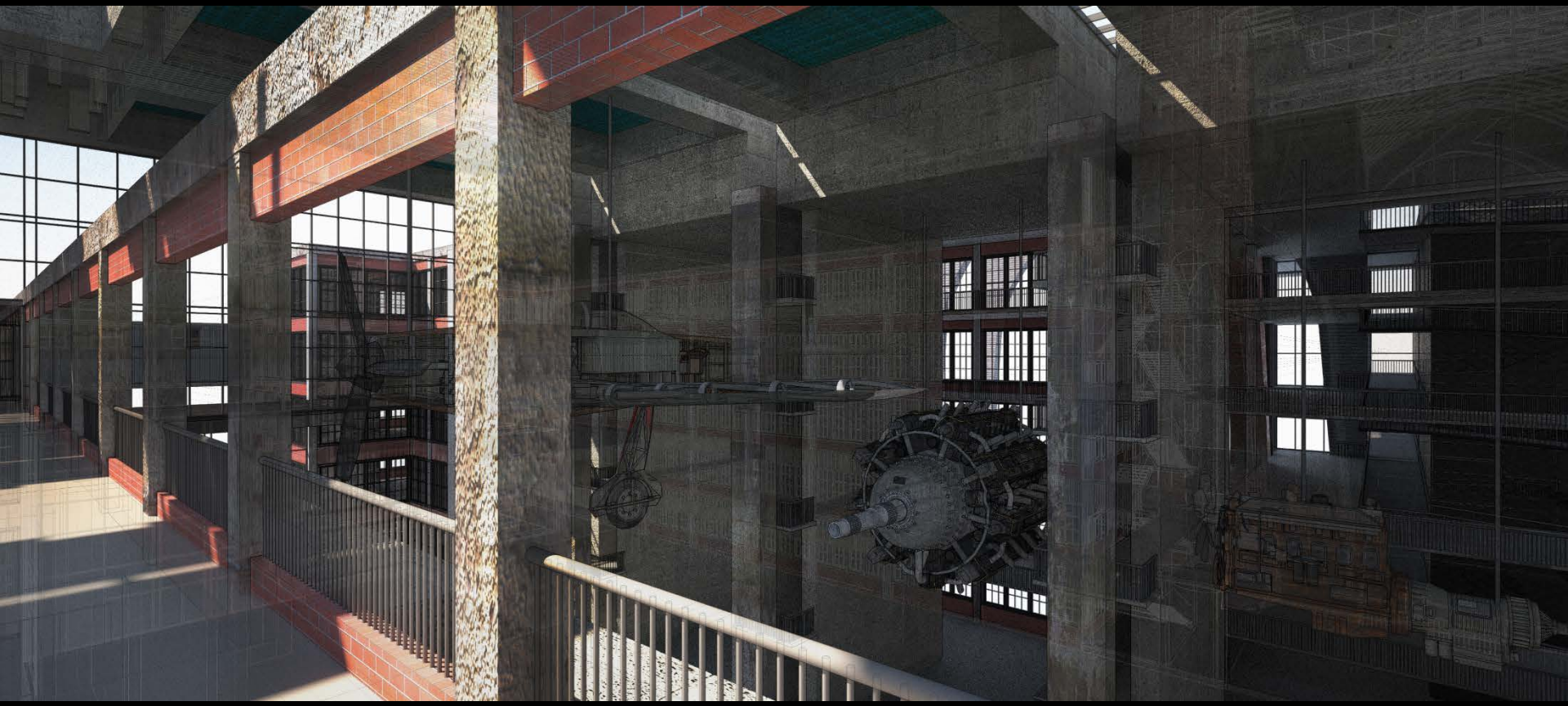

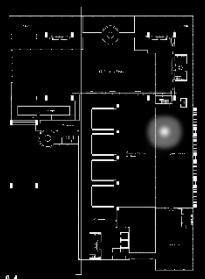

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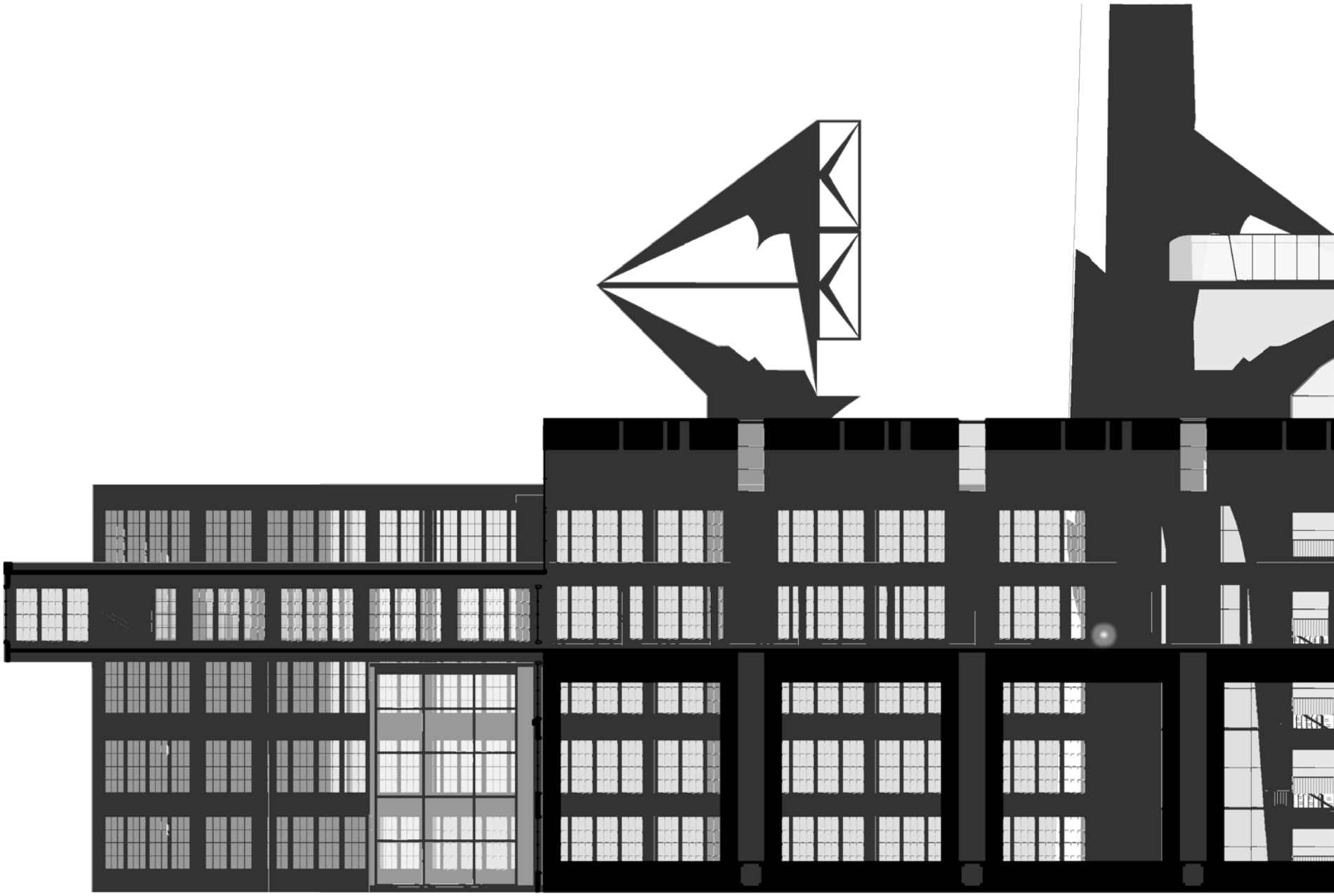

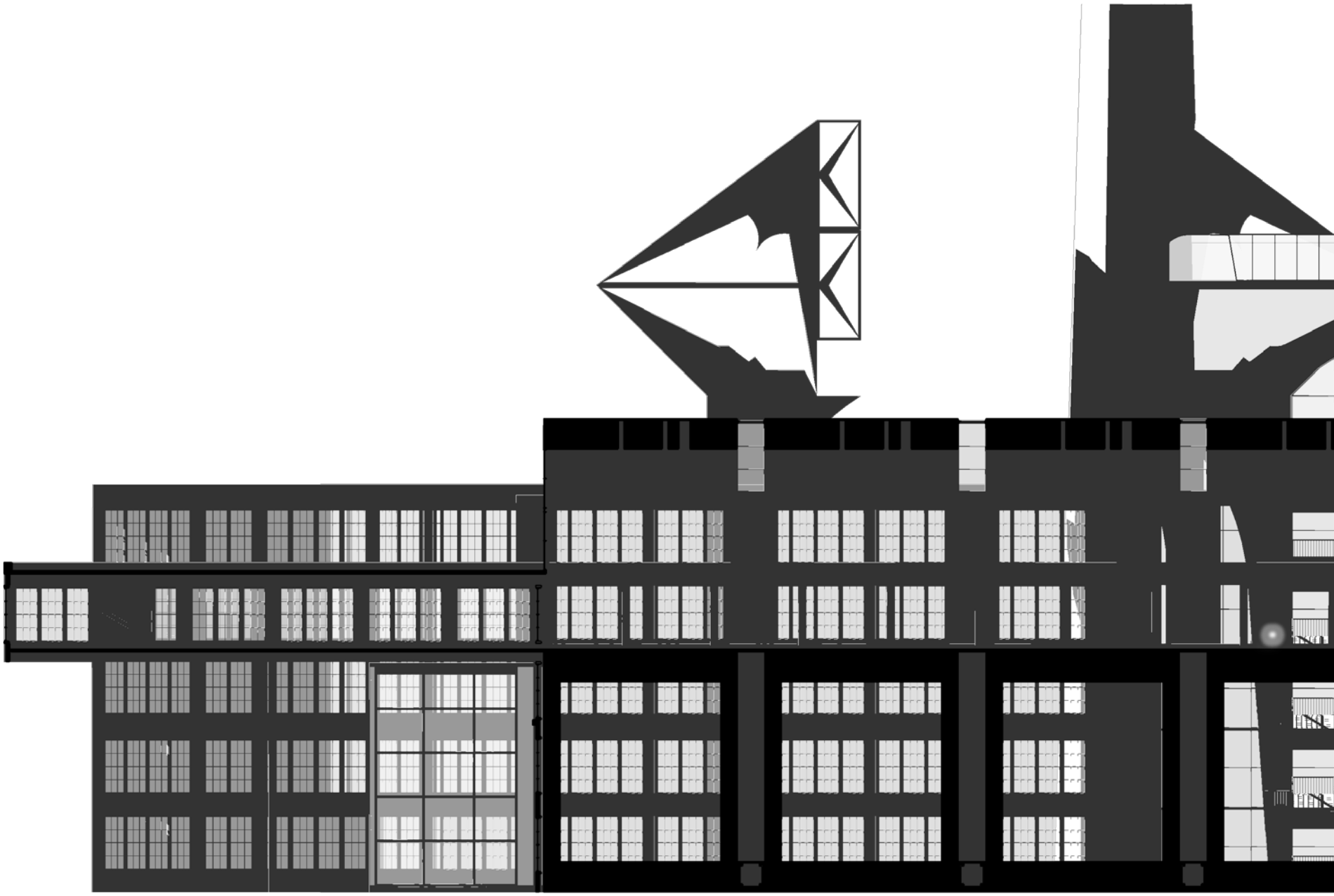

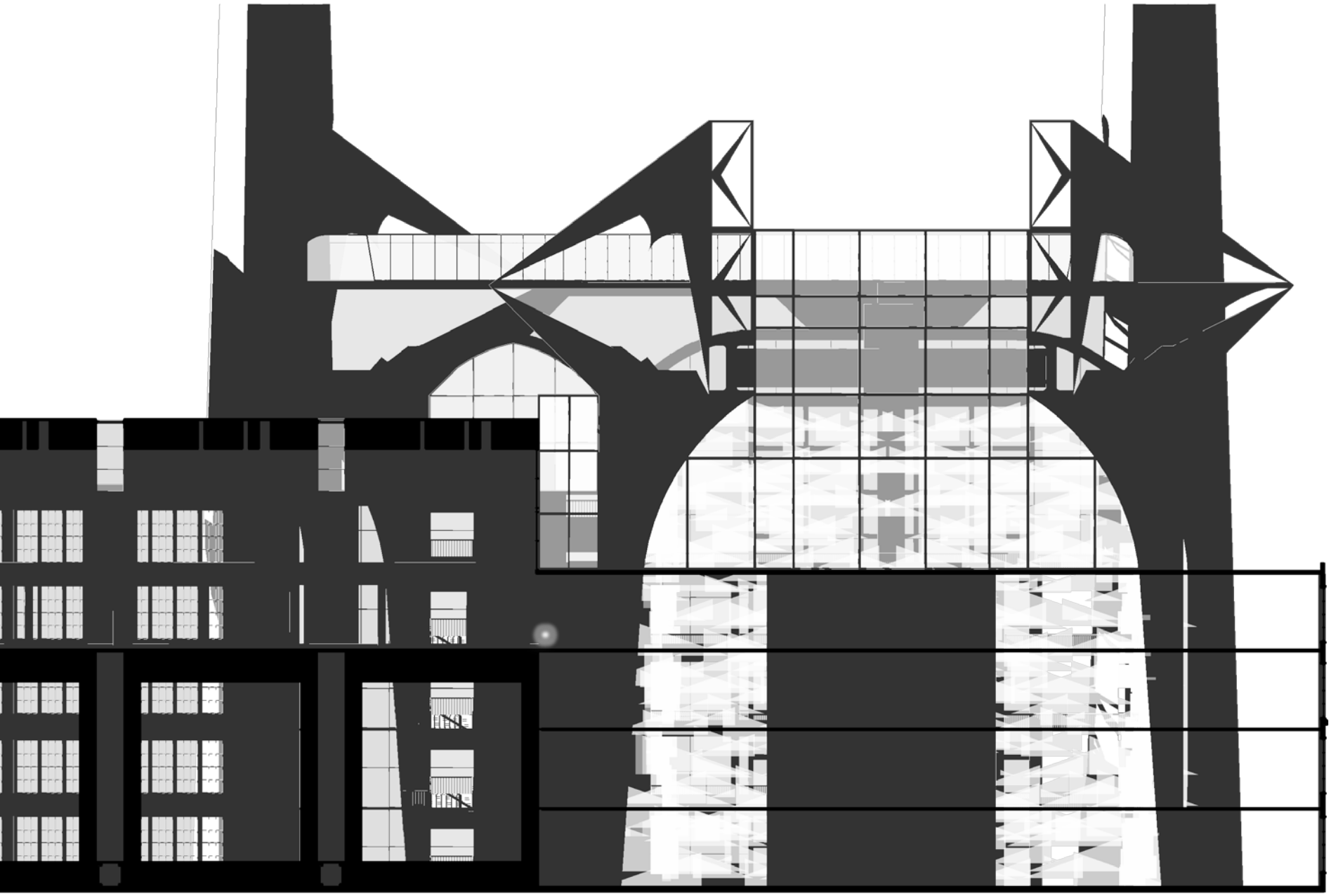

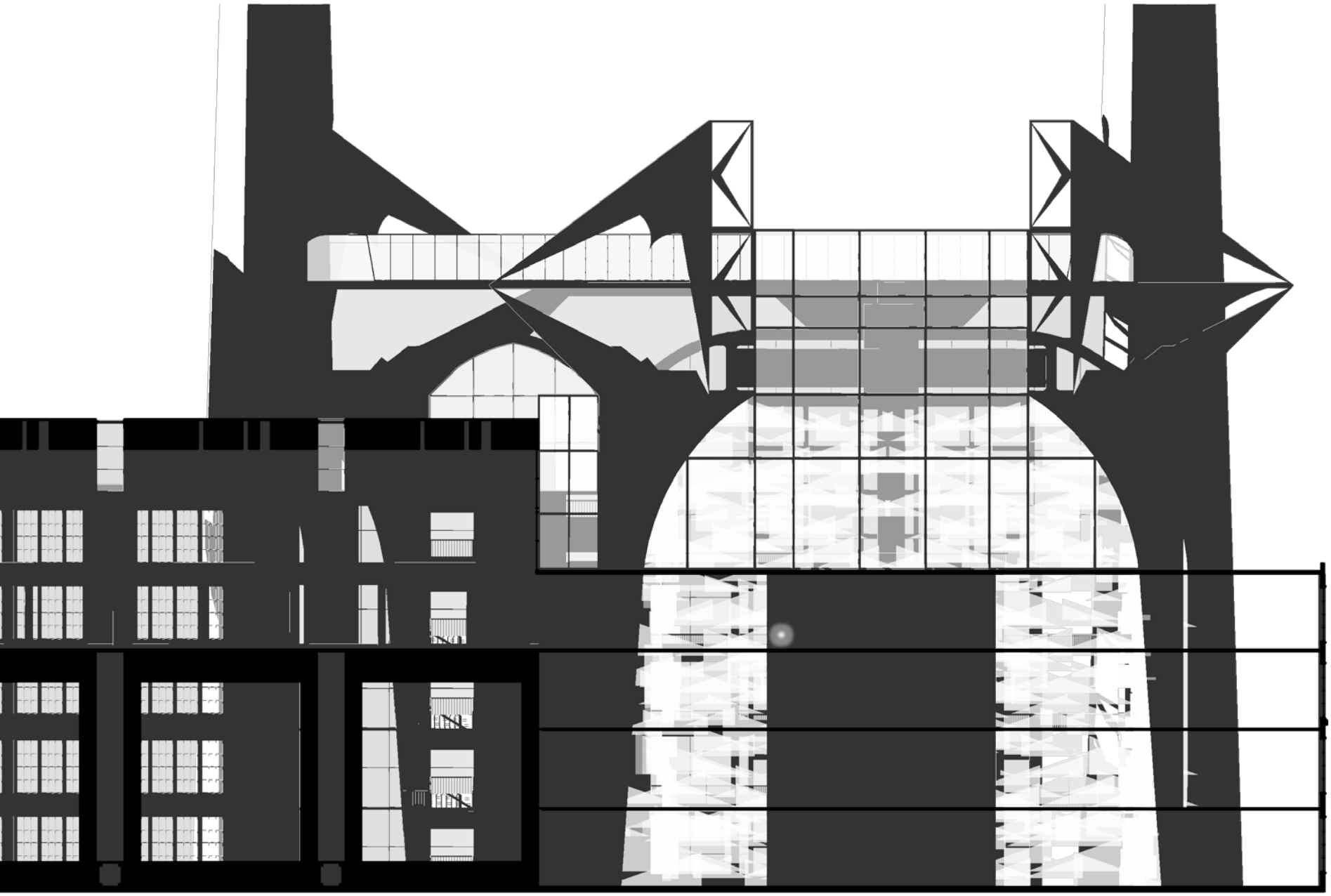

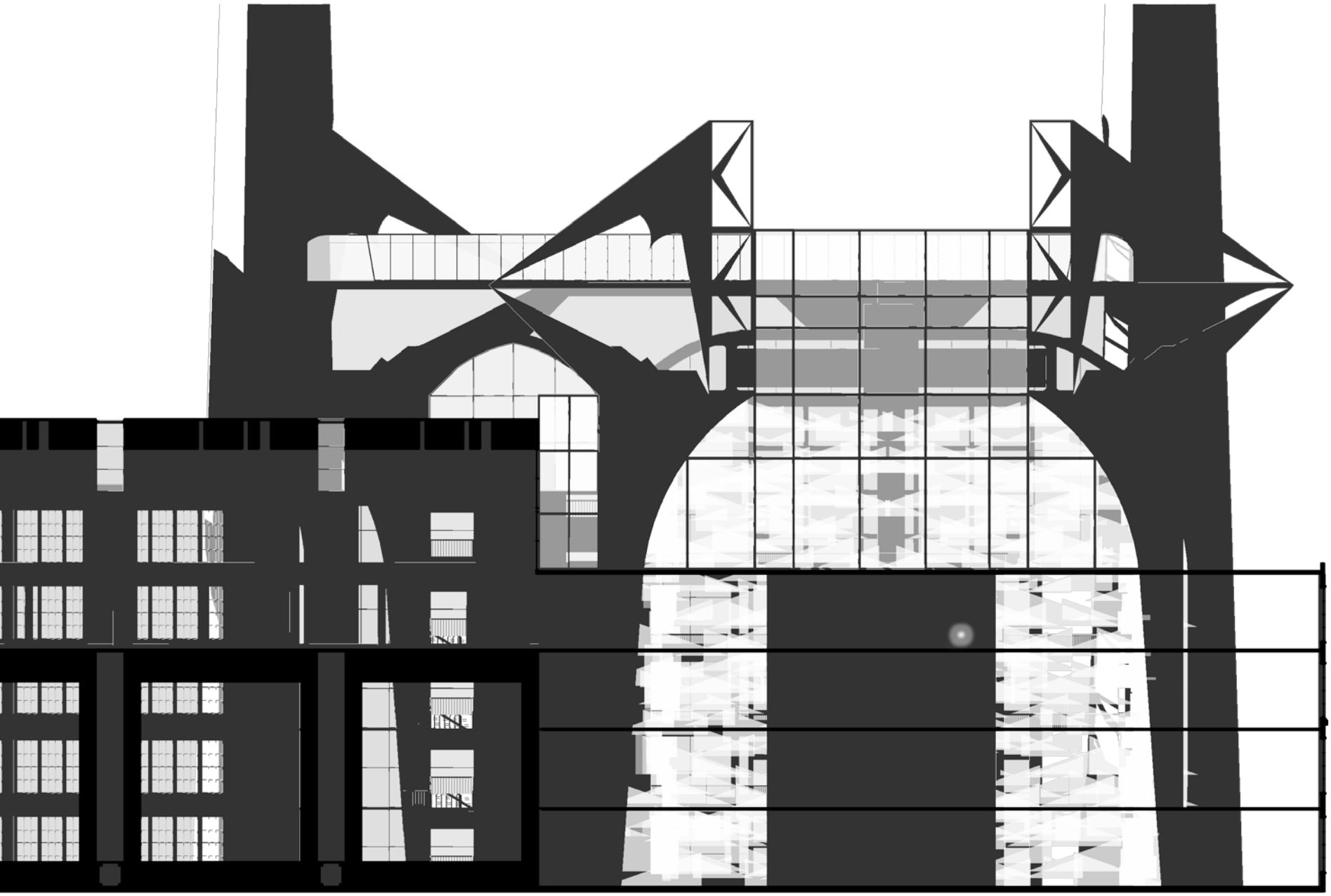

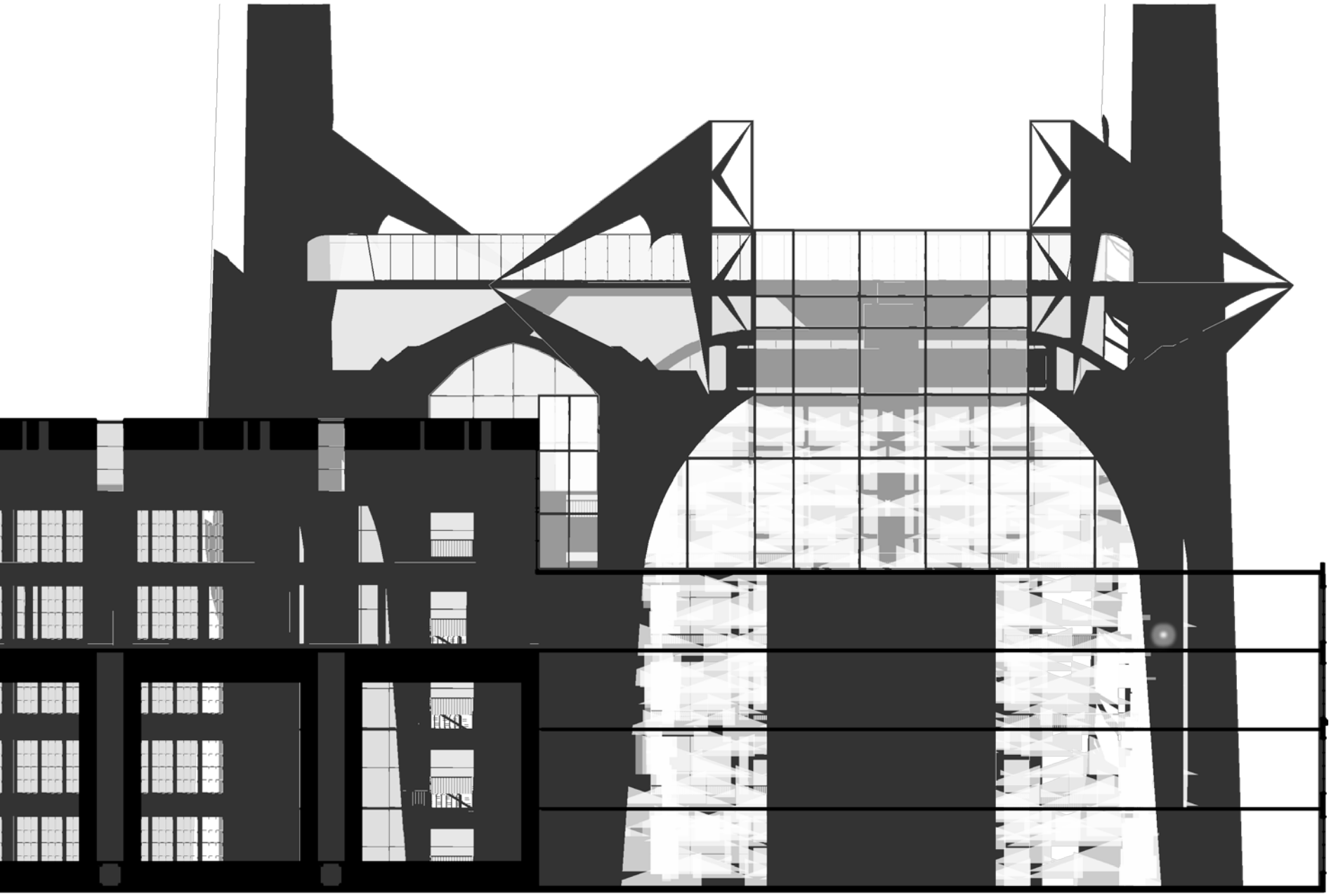

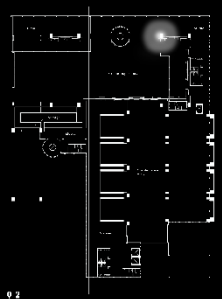

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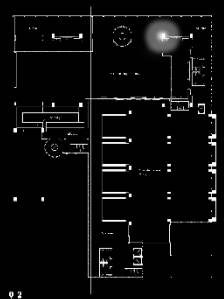

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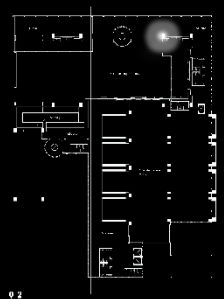

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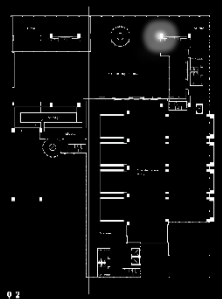

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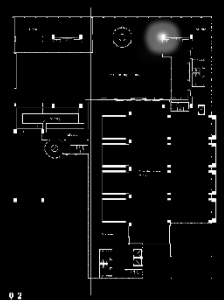

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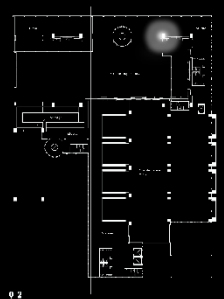

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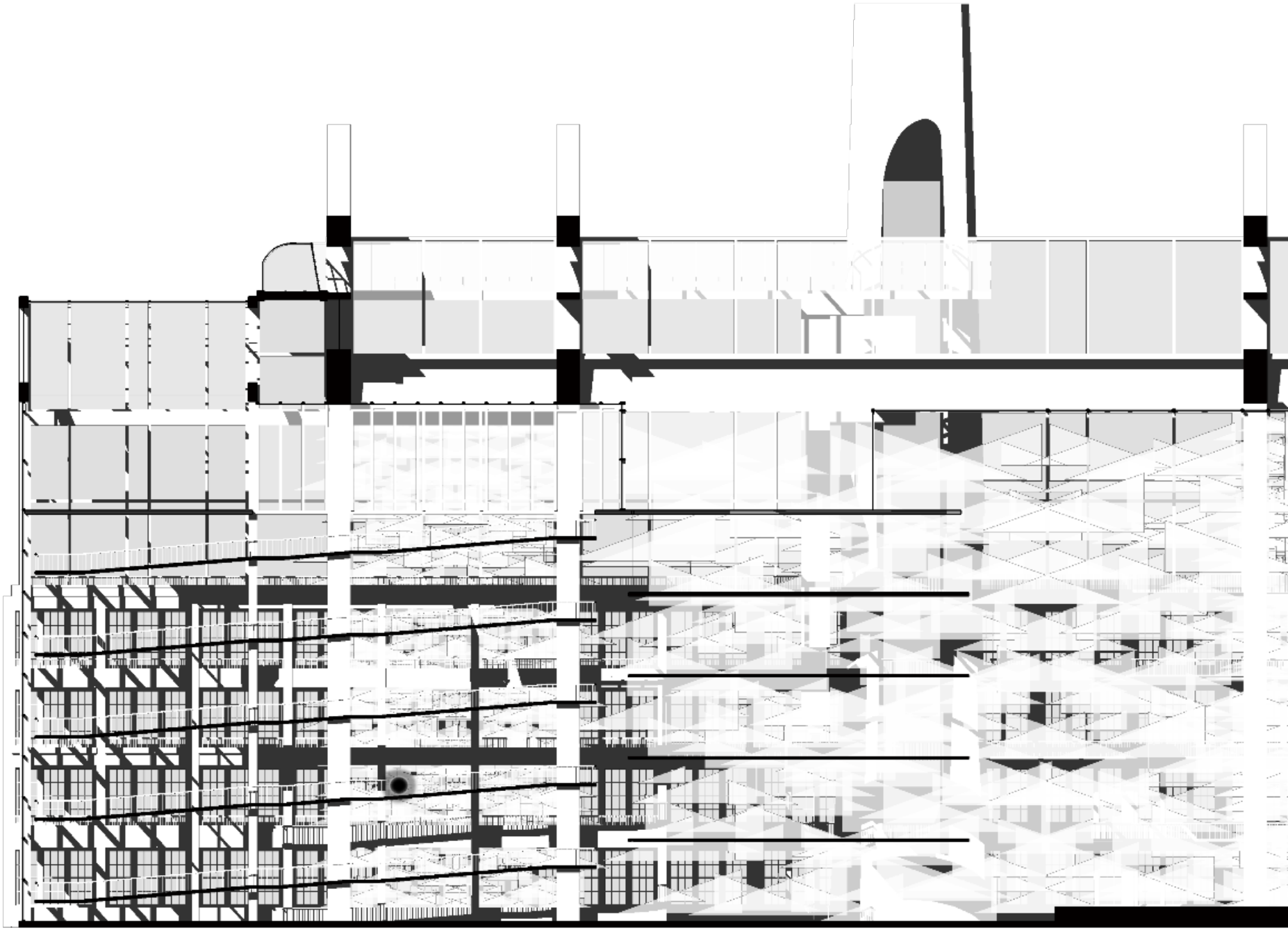
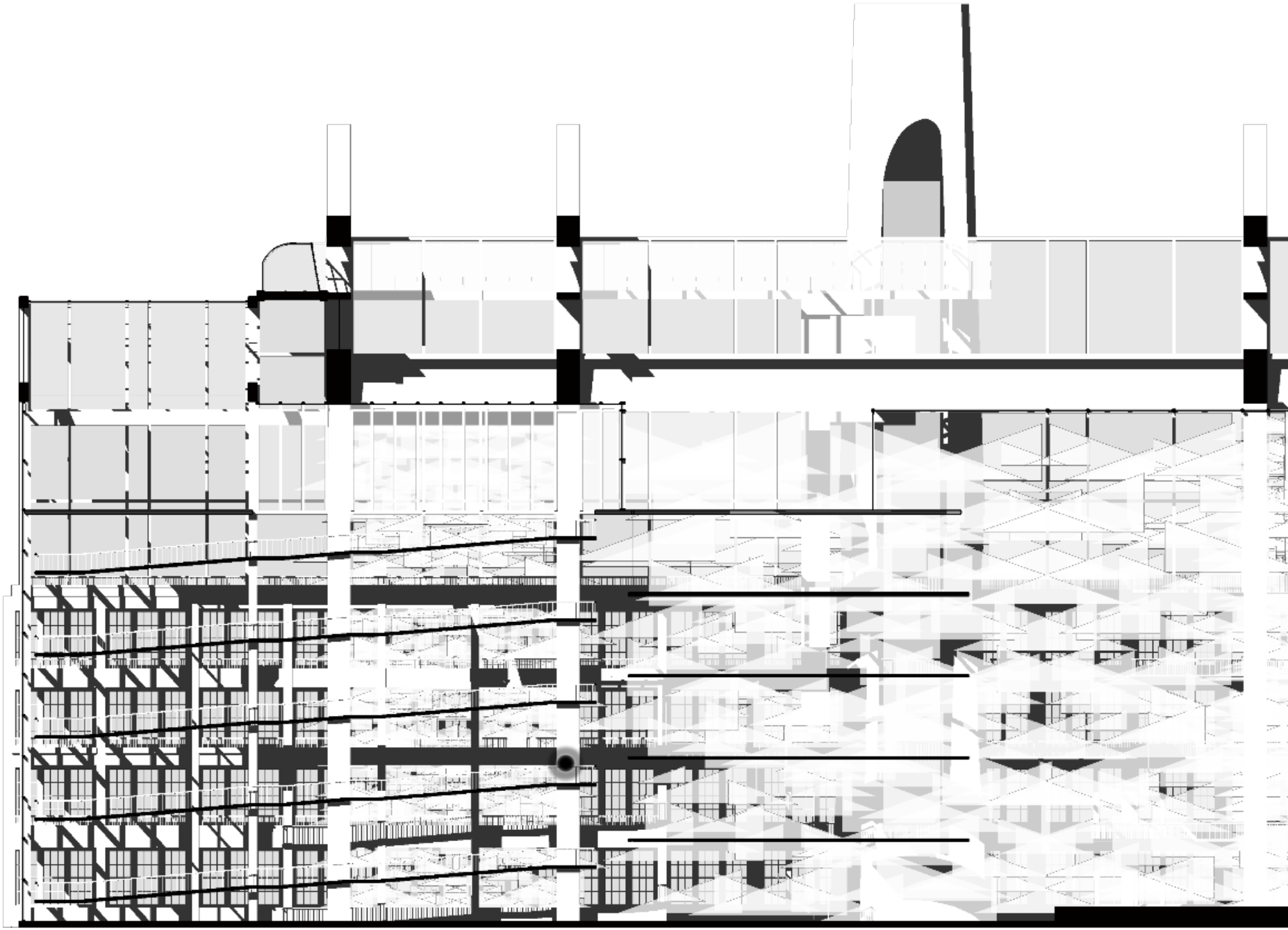
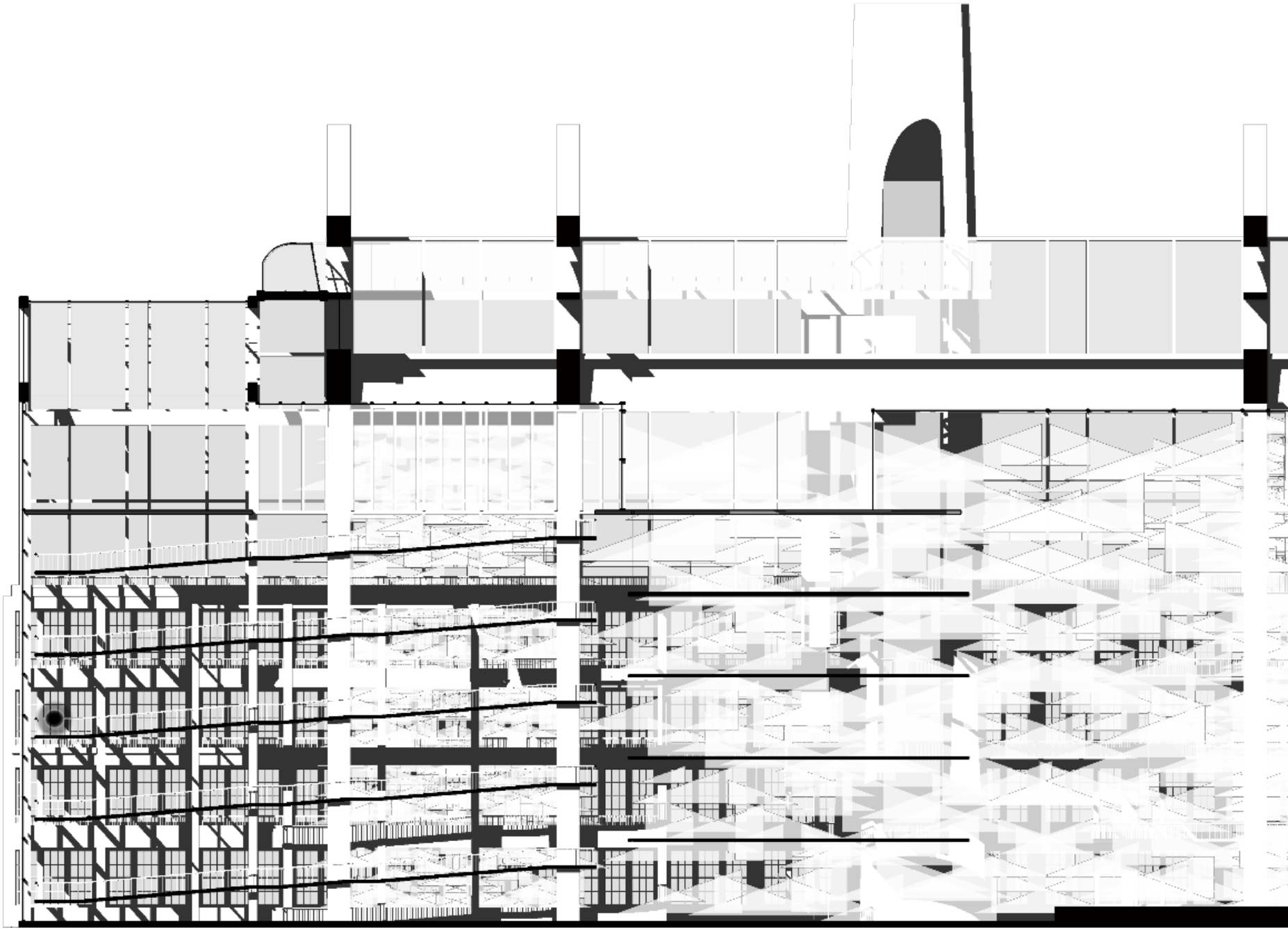
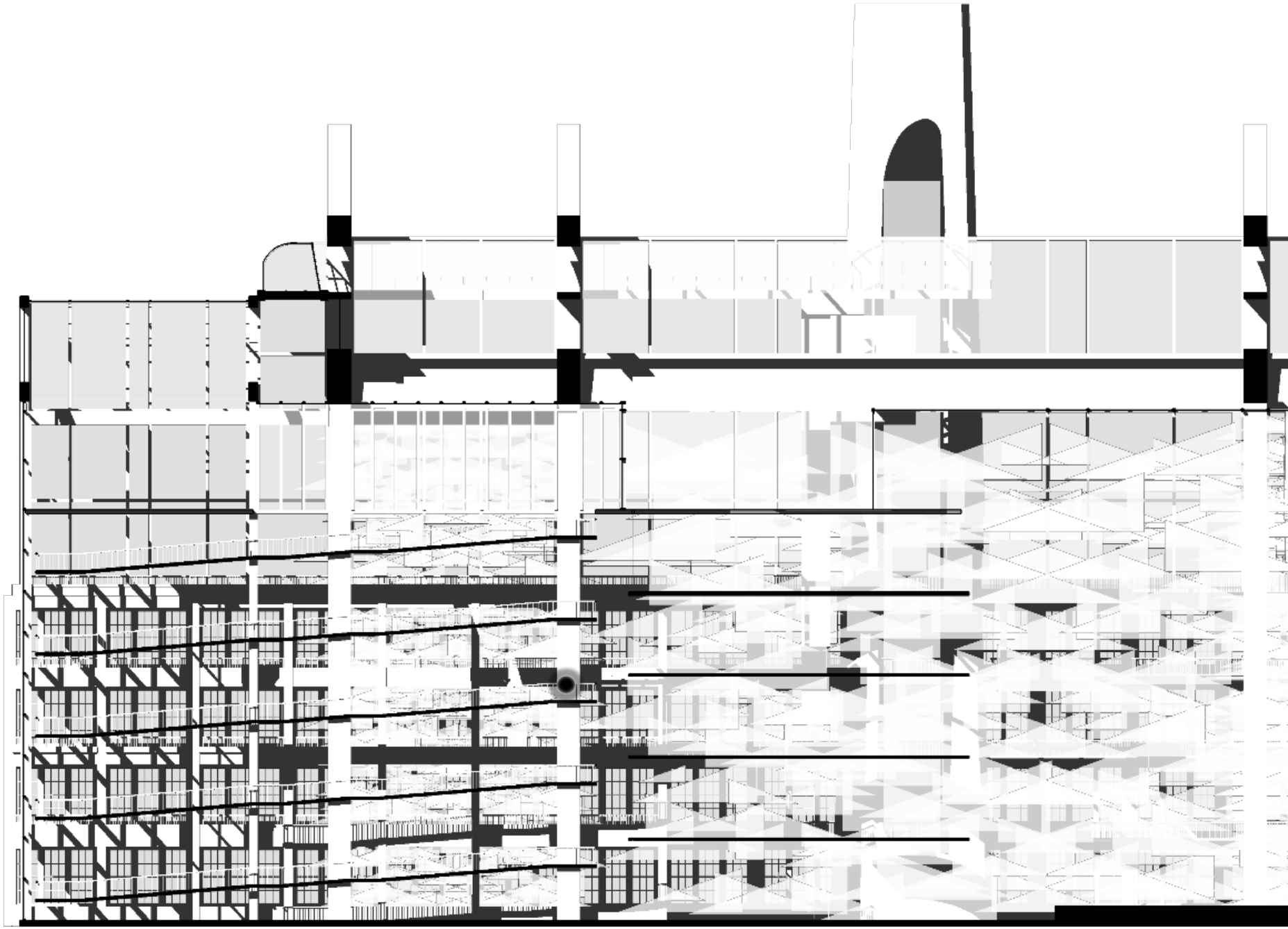
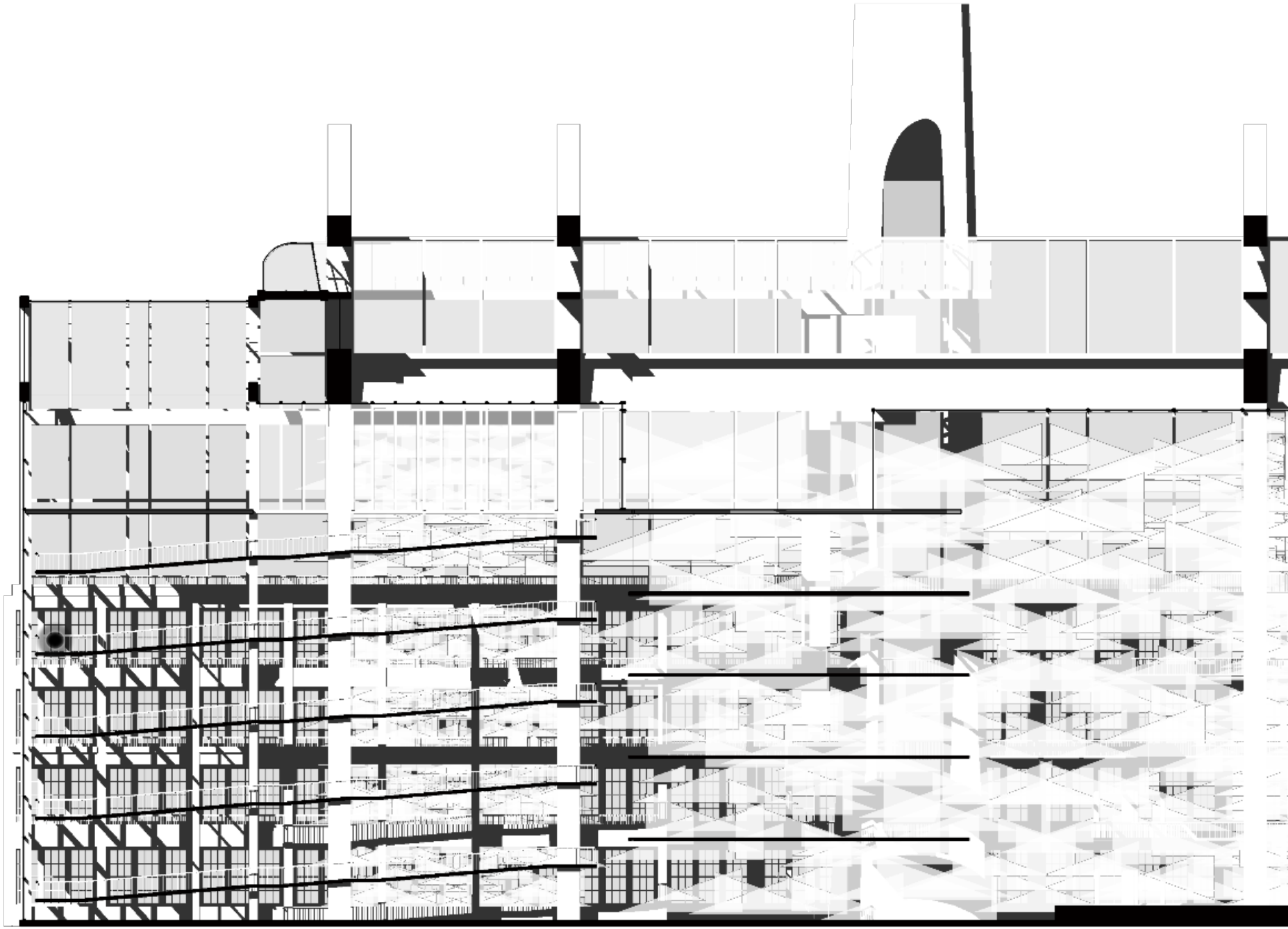
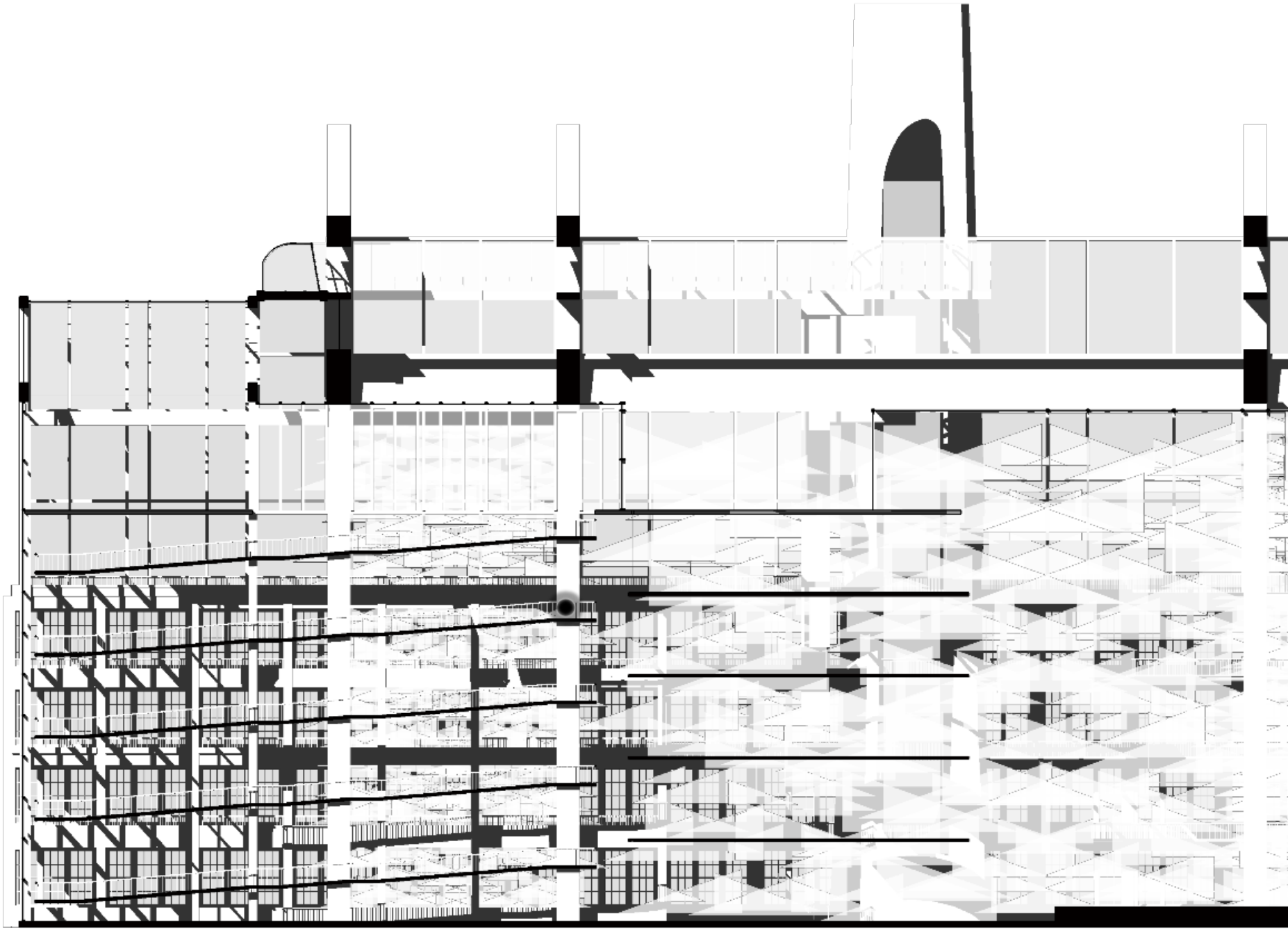


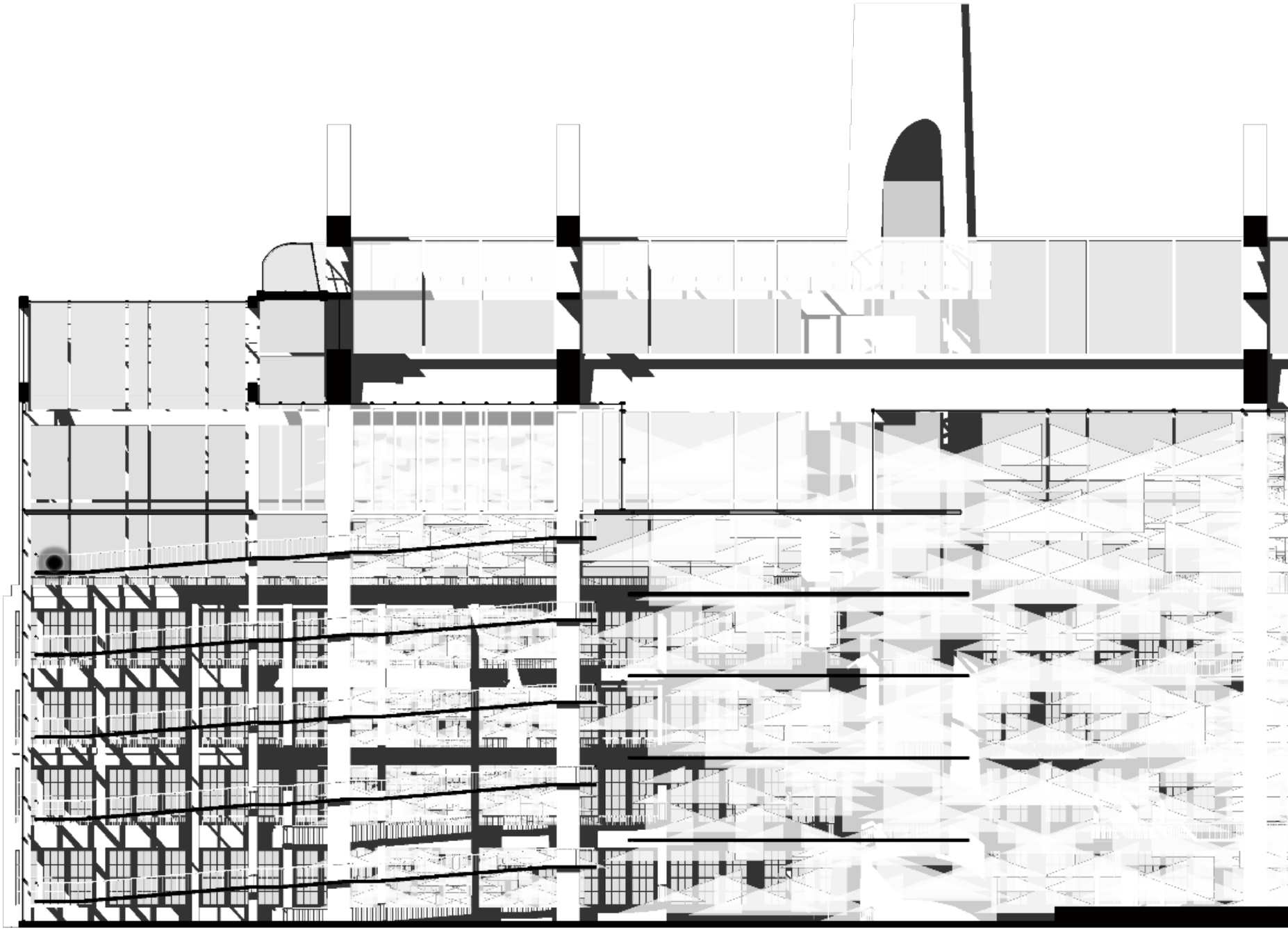


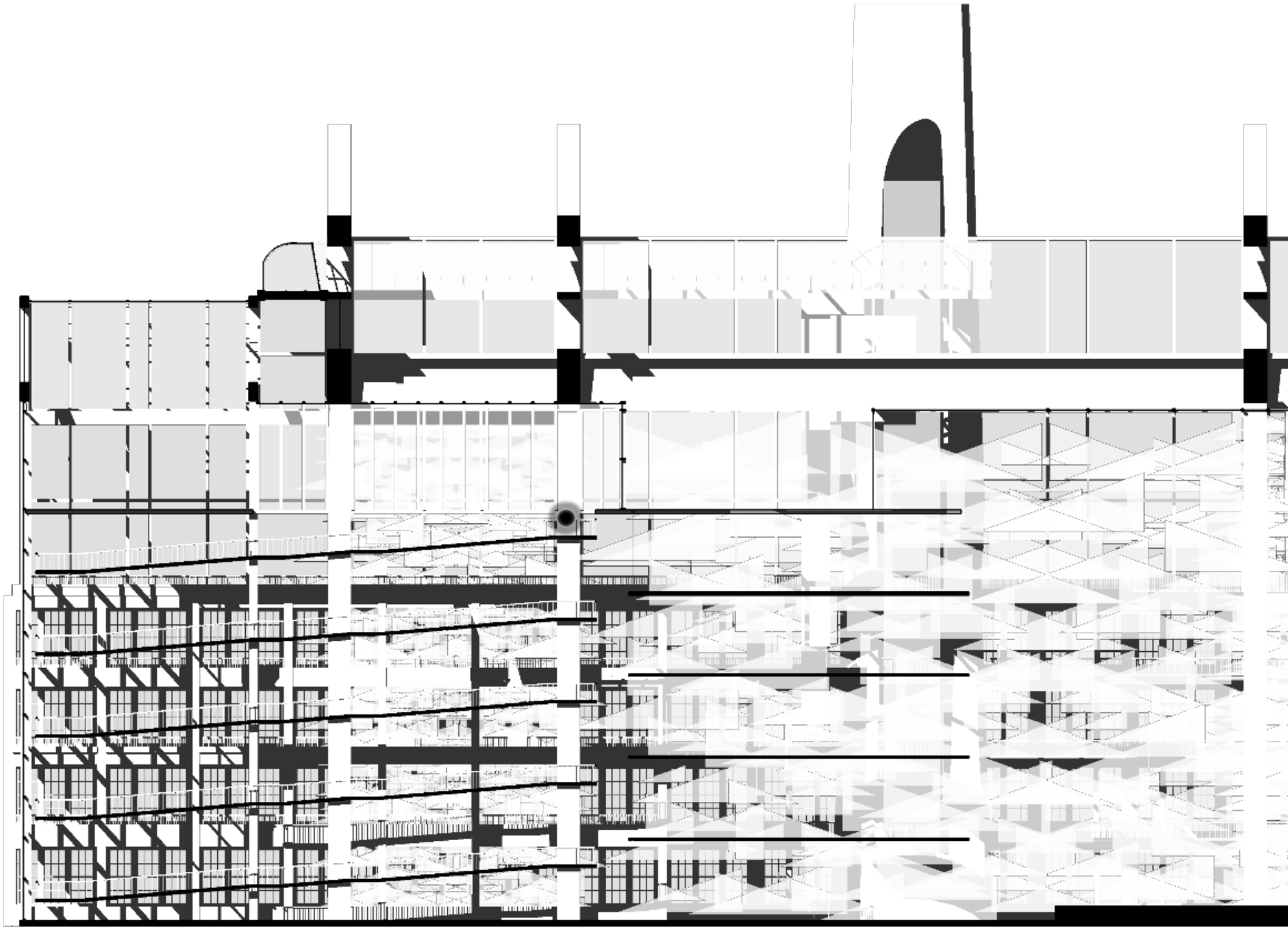


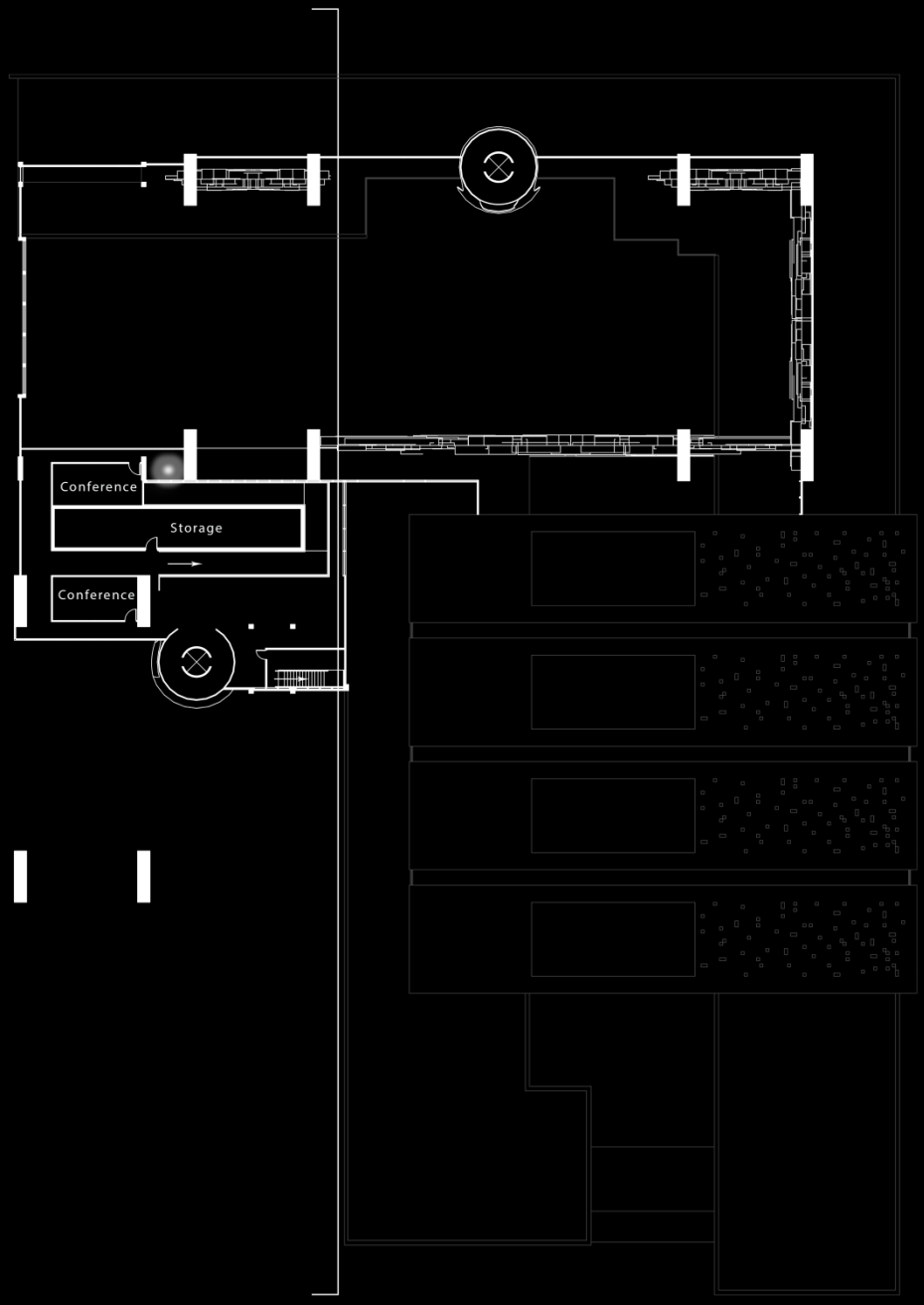




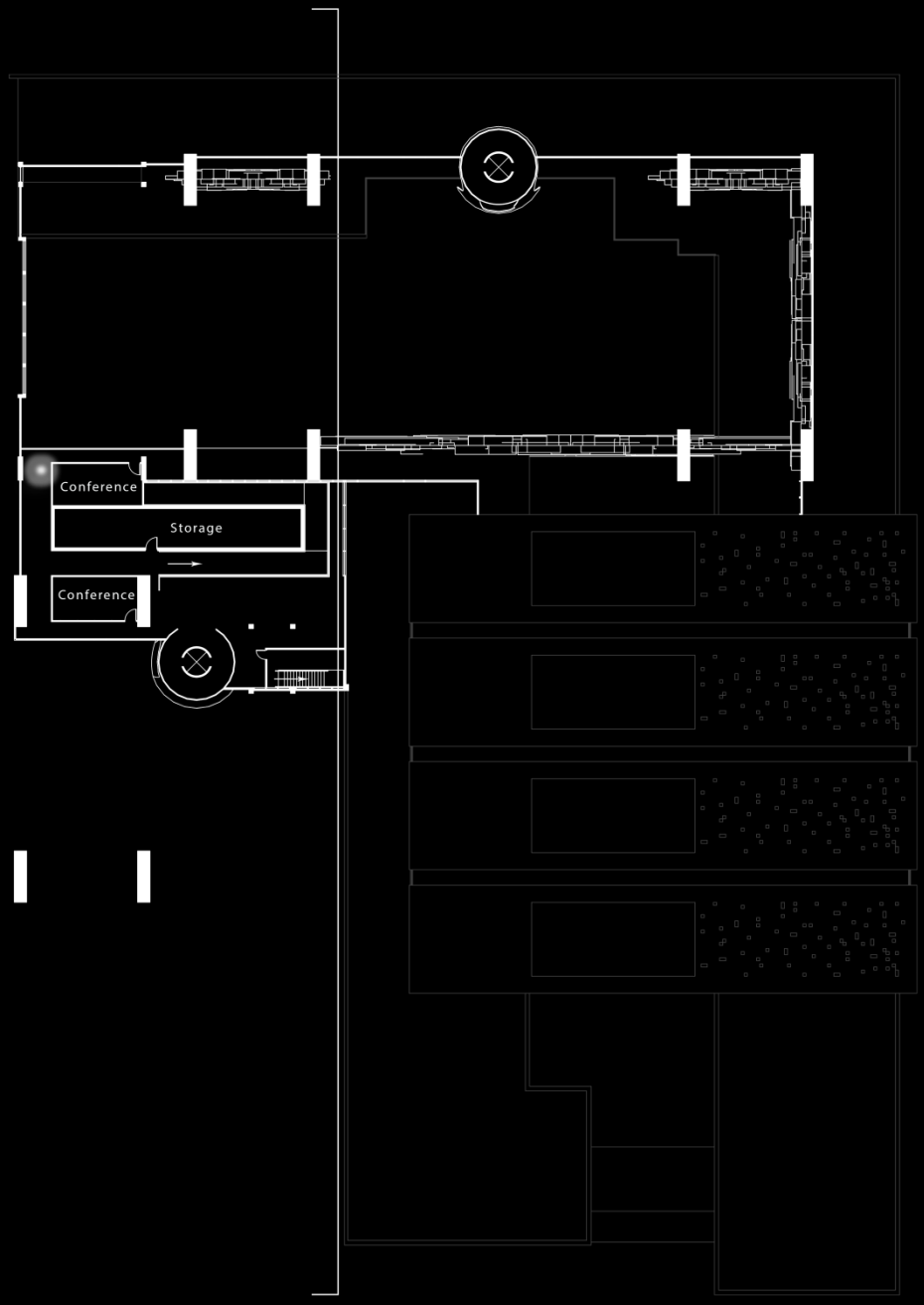




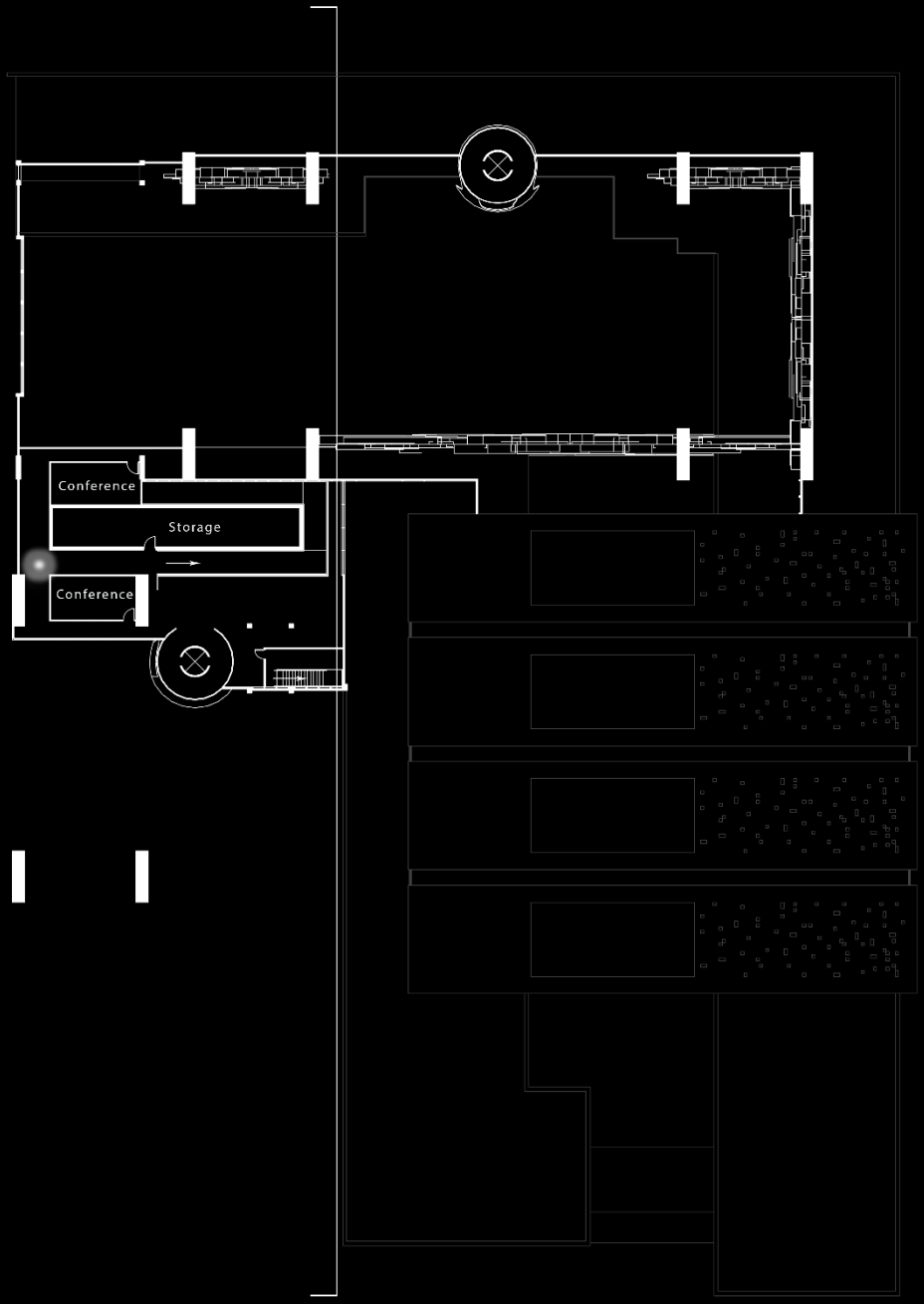




LEVEL 06



LEVEL 06



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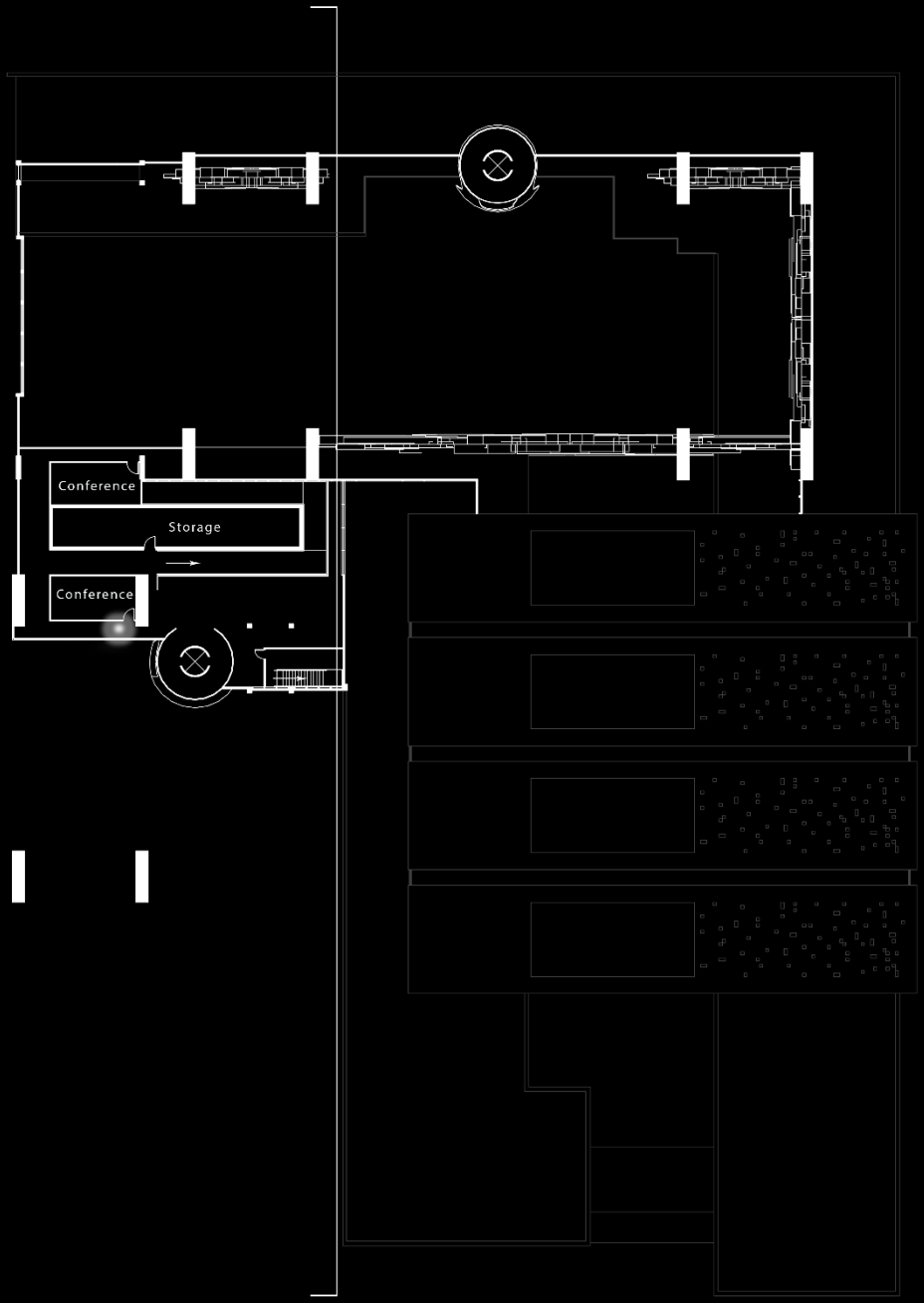

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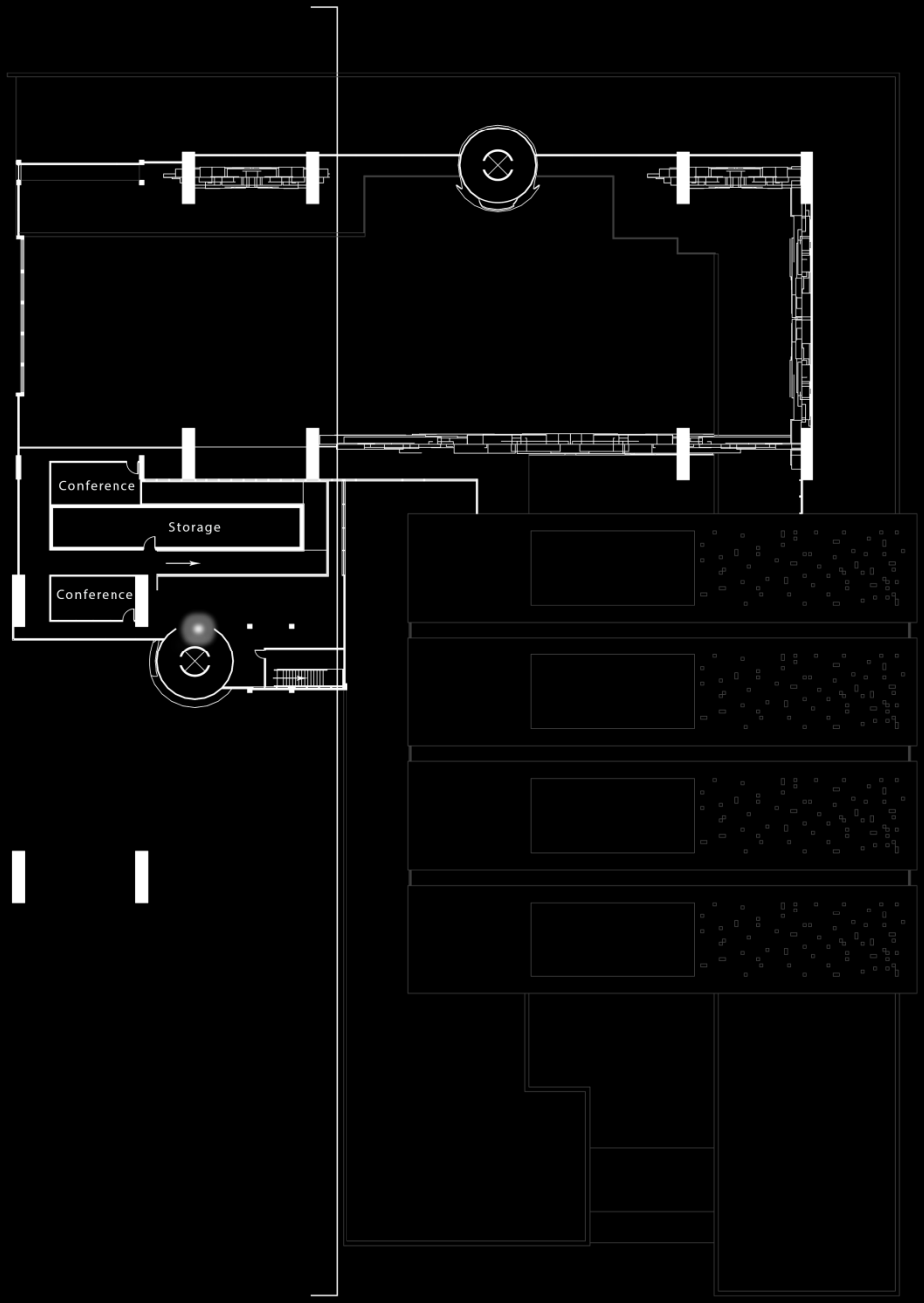

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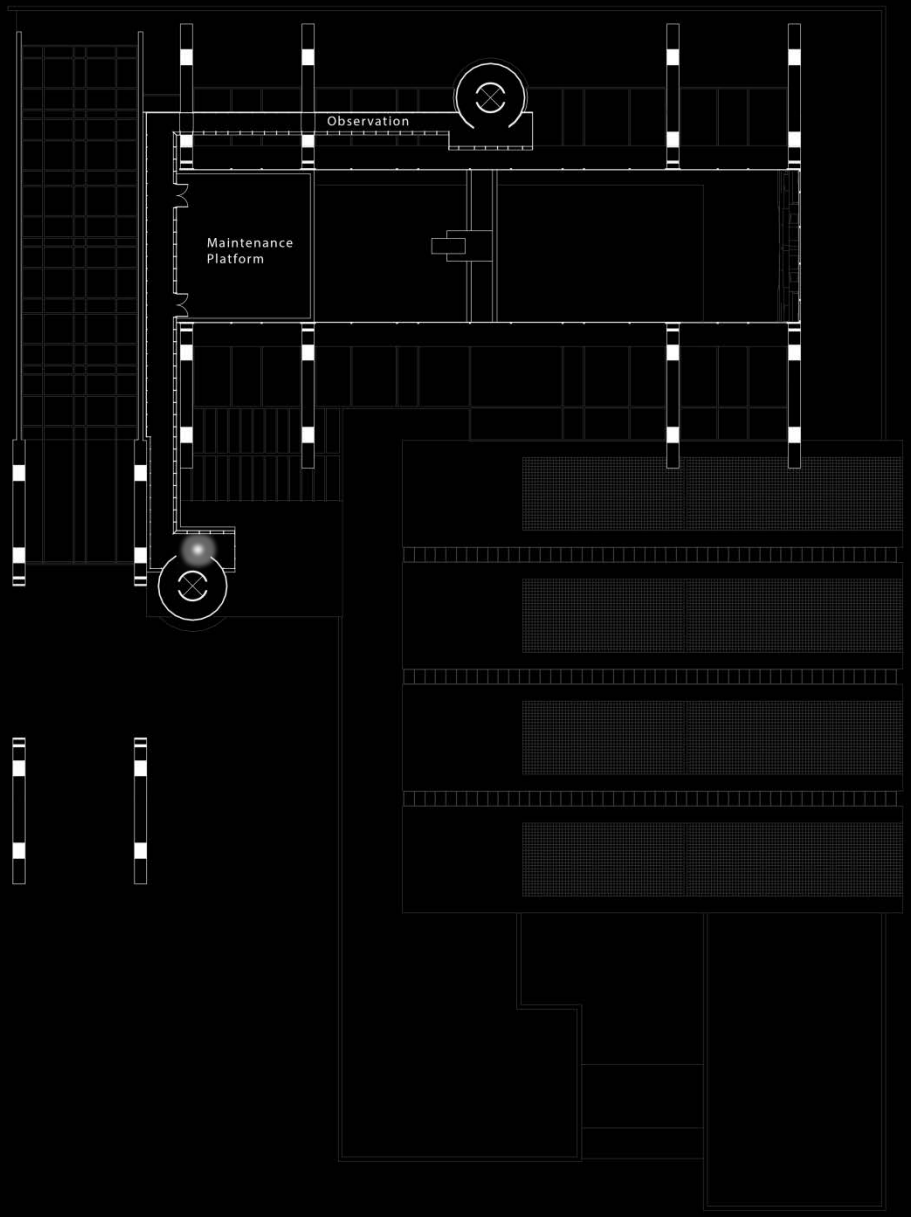

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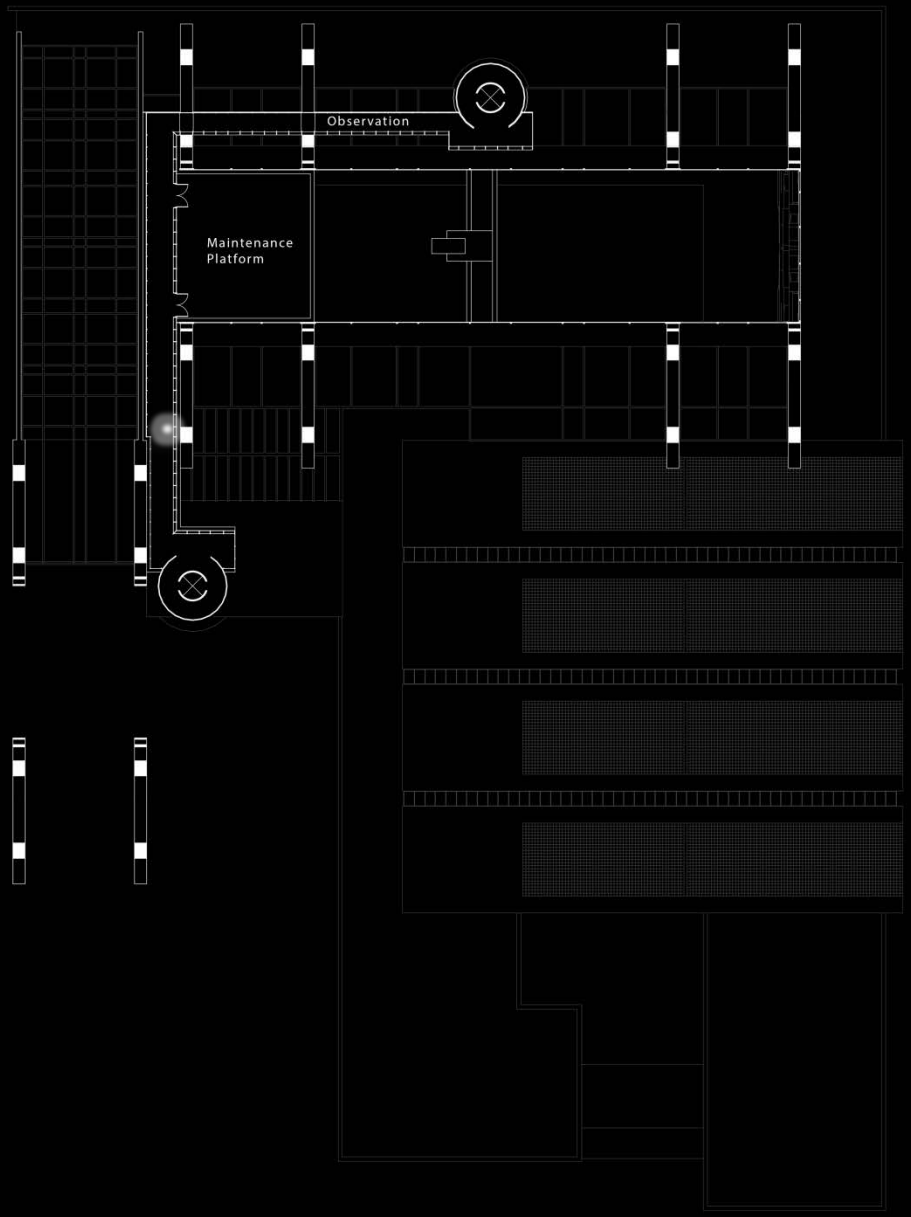

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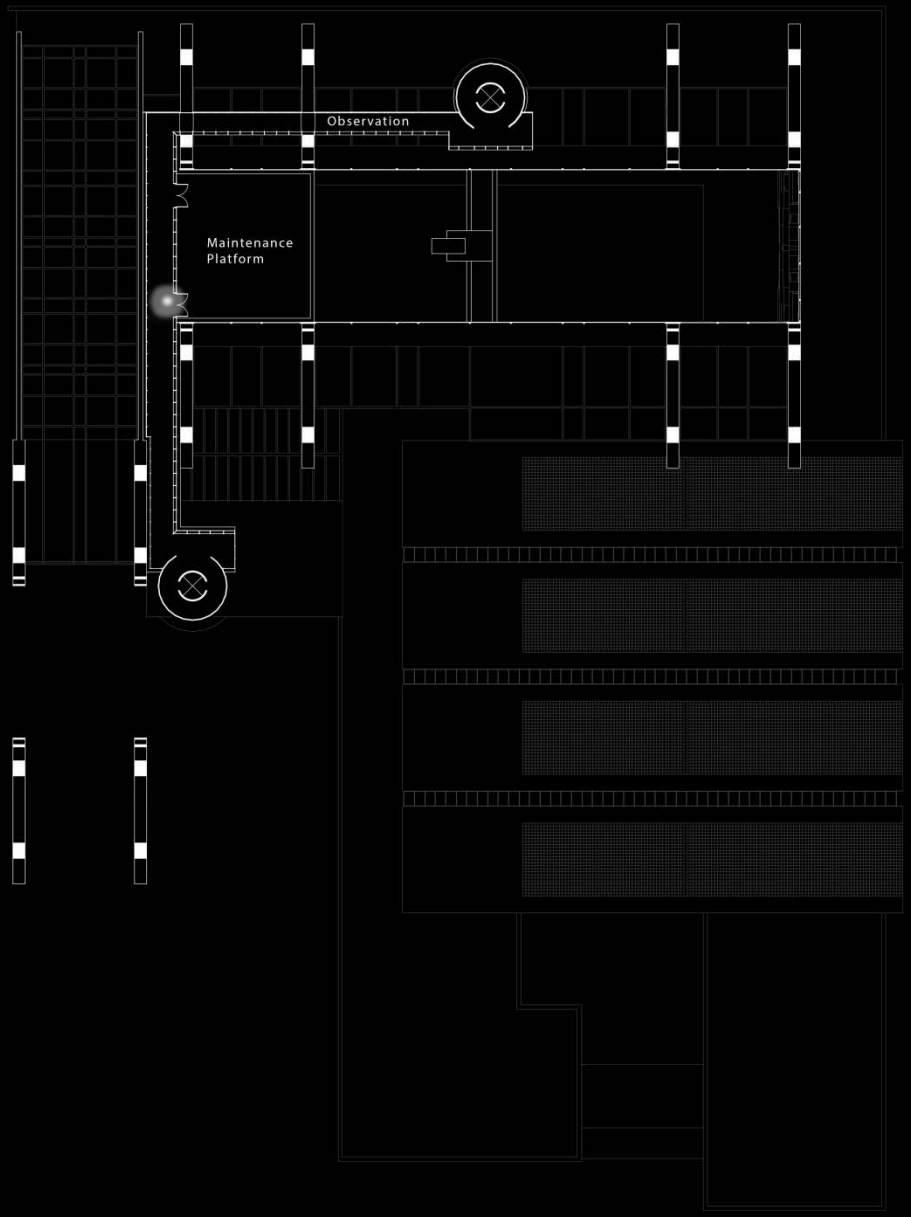

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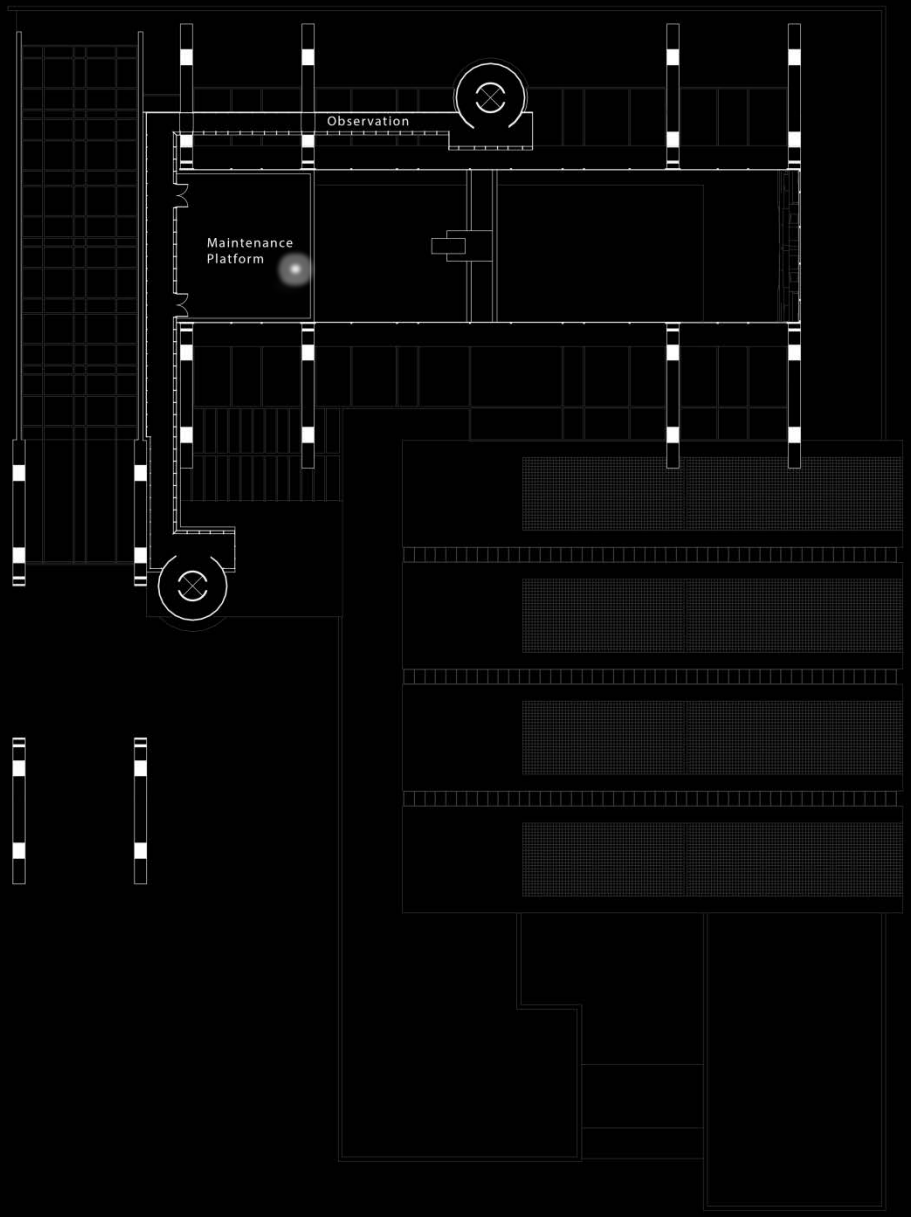

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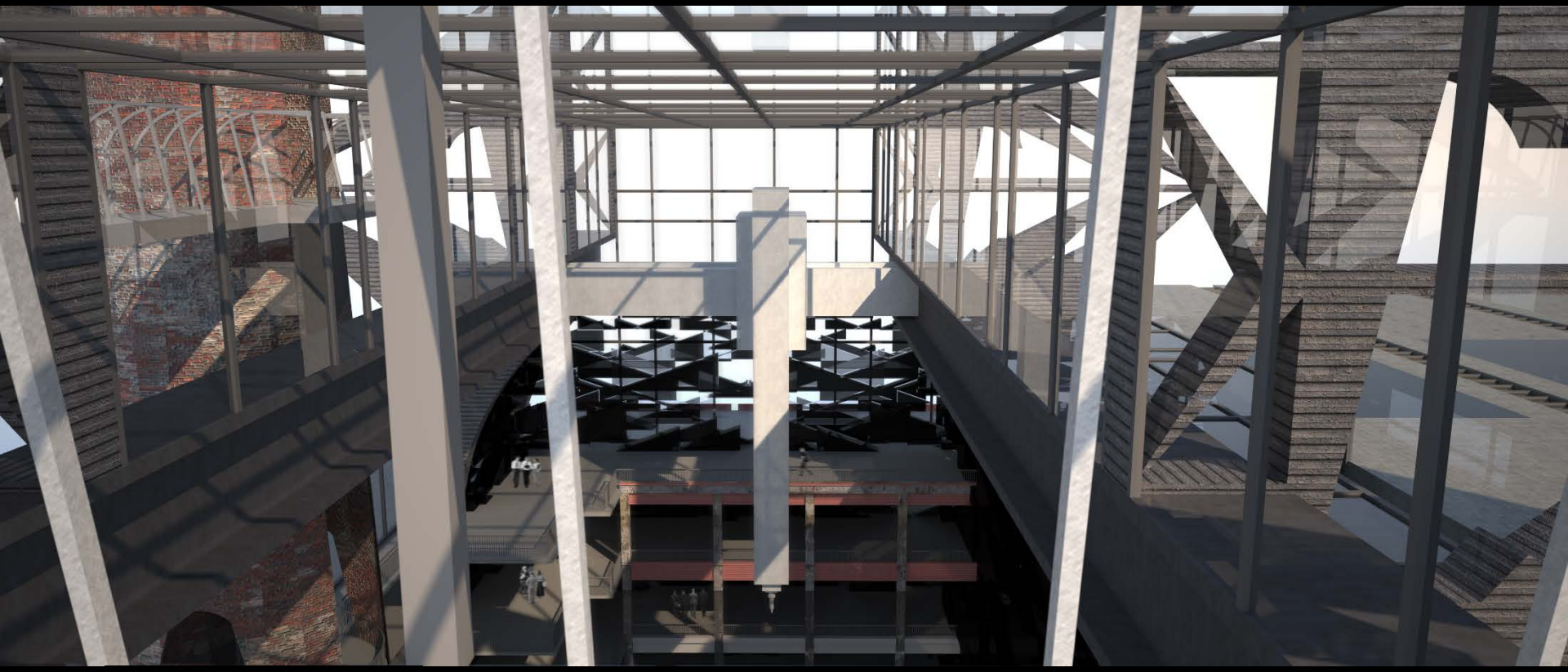

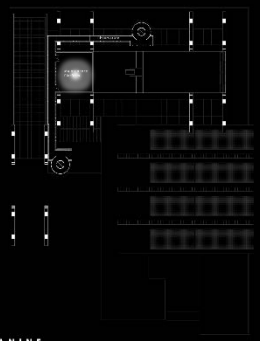

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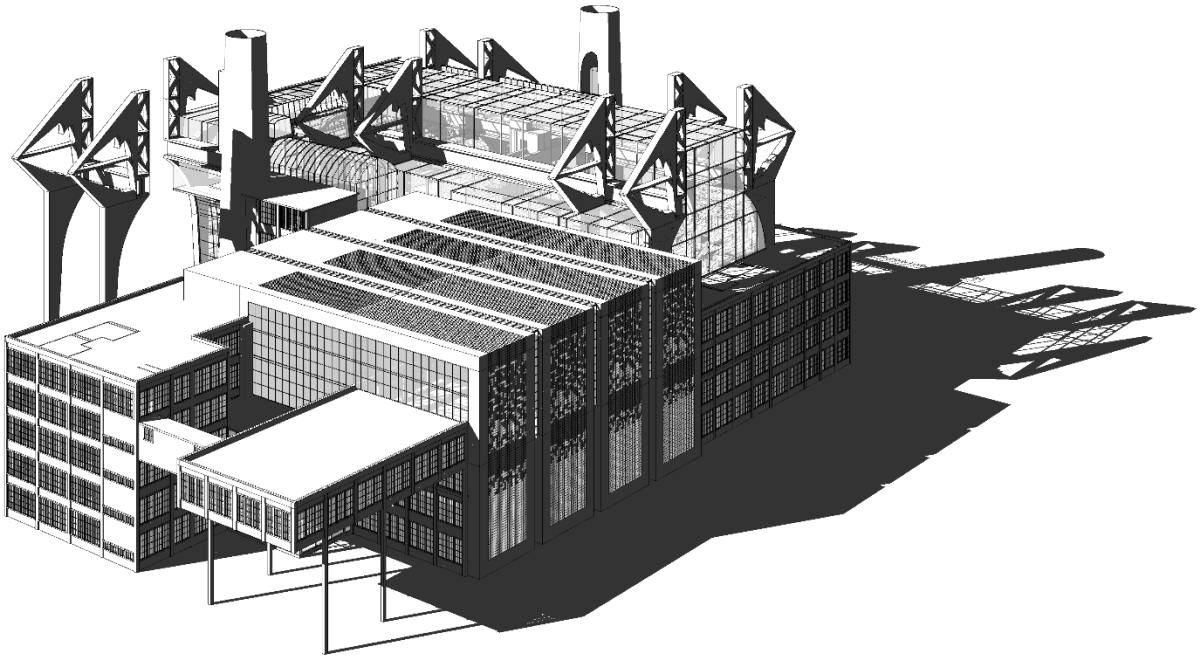
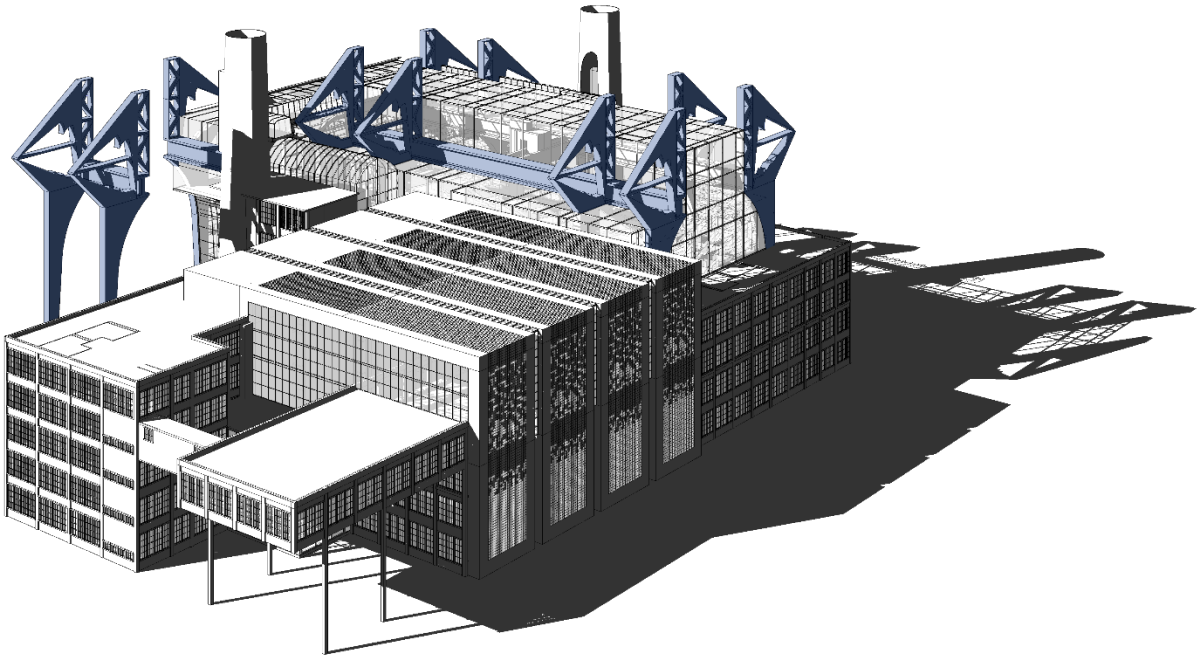
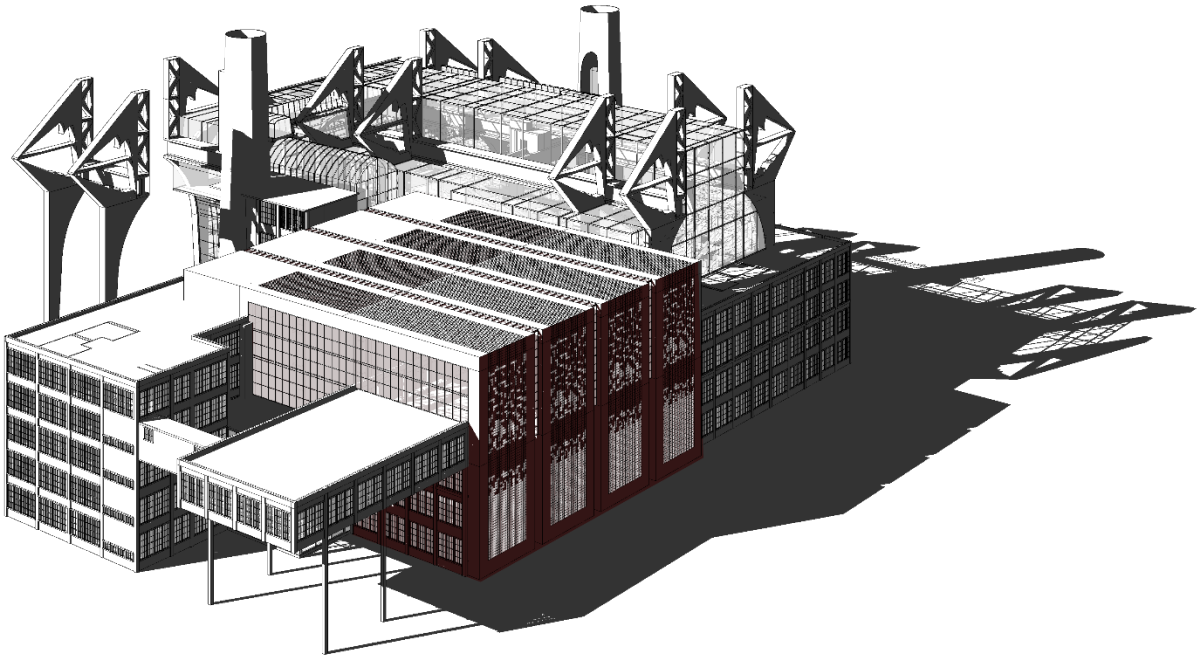
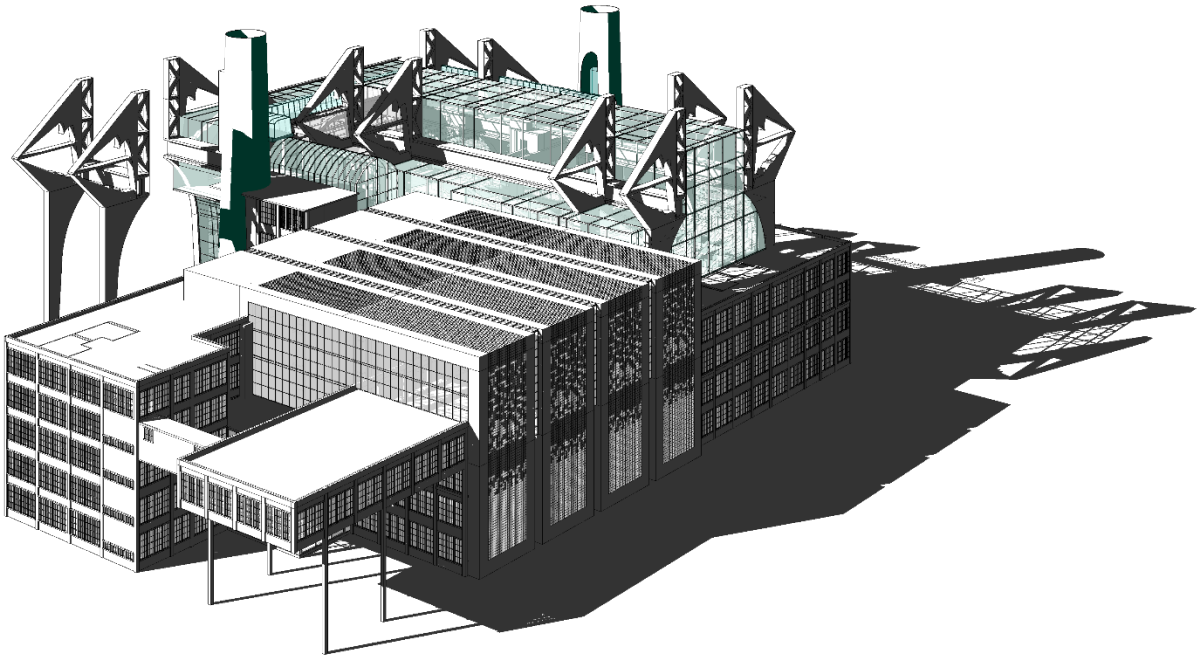




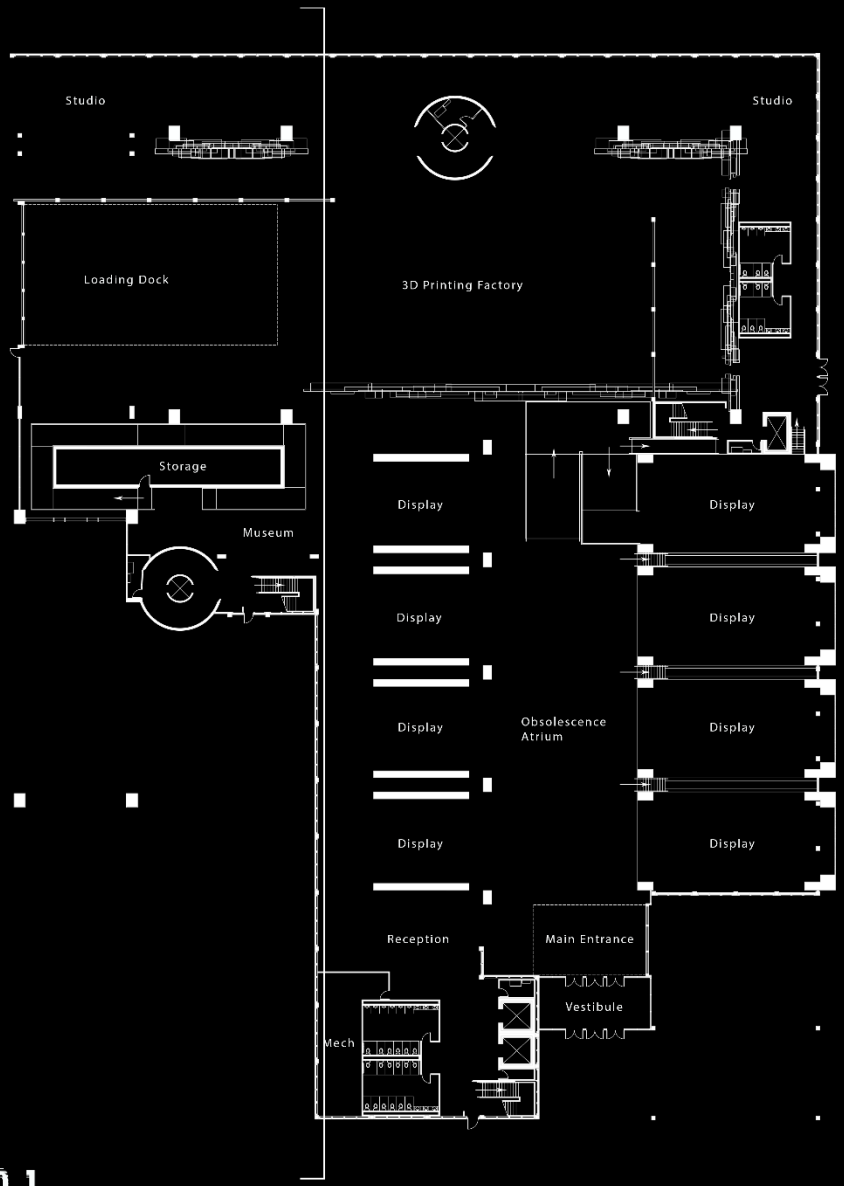
Structural Framework



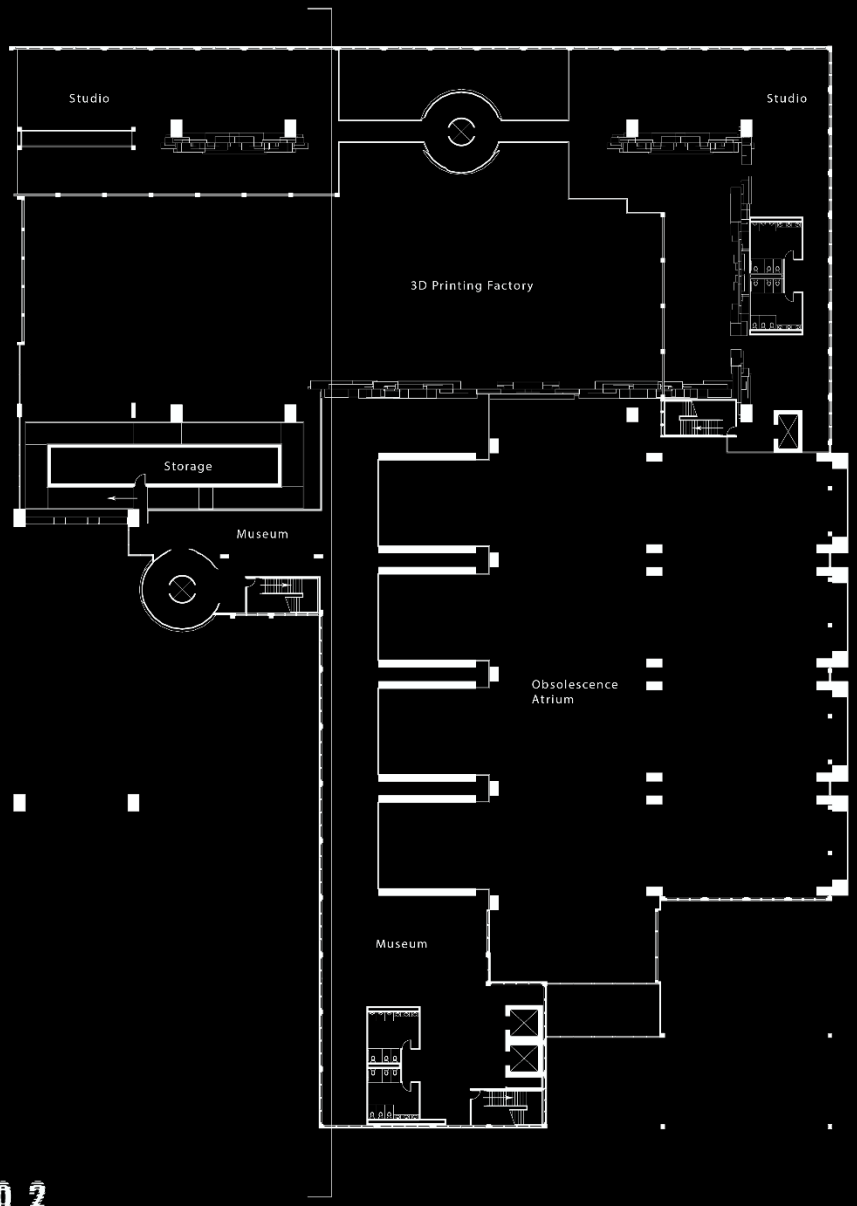
Obsolescence Gallery



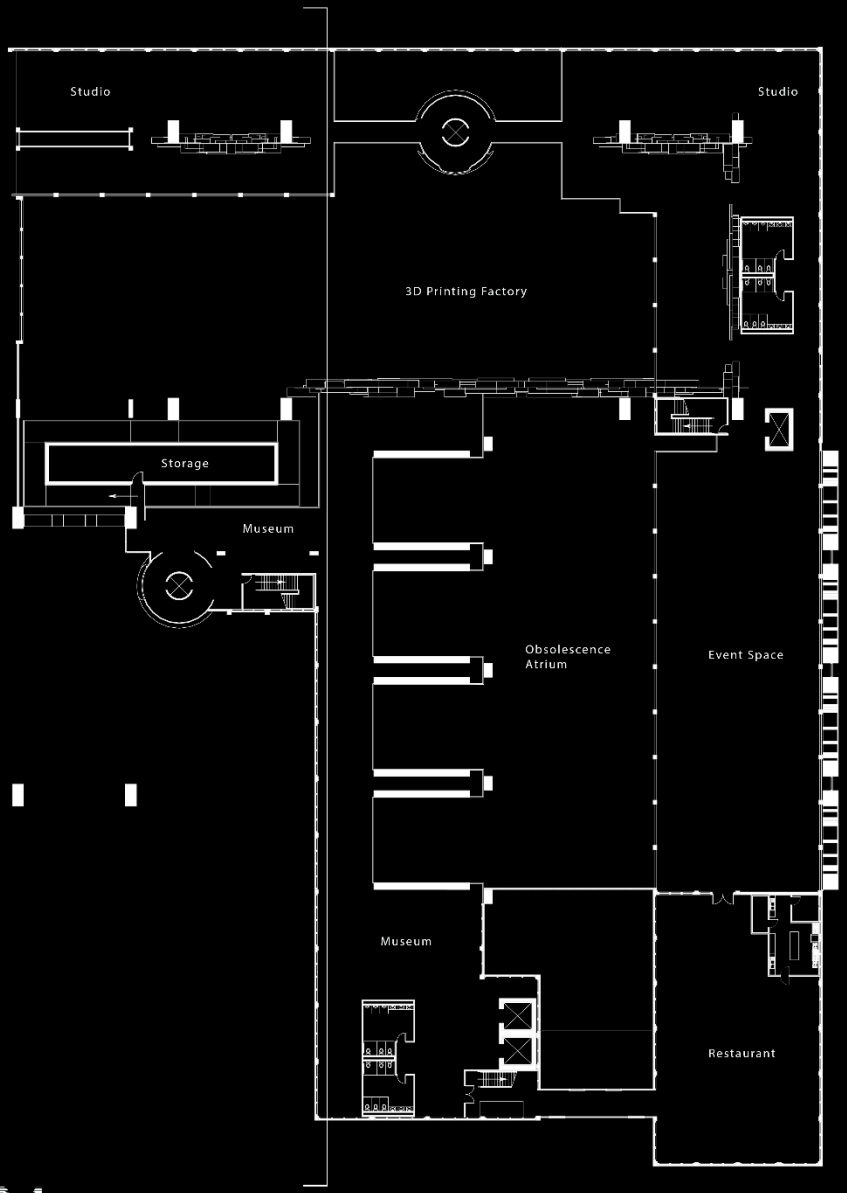
Elevated Surveillance Network


Studio
Studio
Loading Dock
3D Printing Factory
Storage
Museum
Display
Display
Display
Display
Display
Display
Display
Display
Display
Obsolescence Atrium
Reception
Main Entrance
Vestibule
Mech

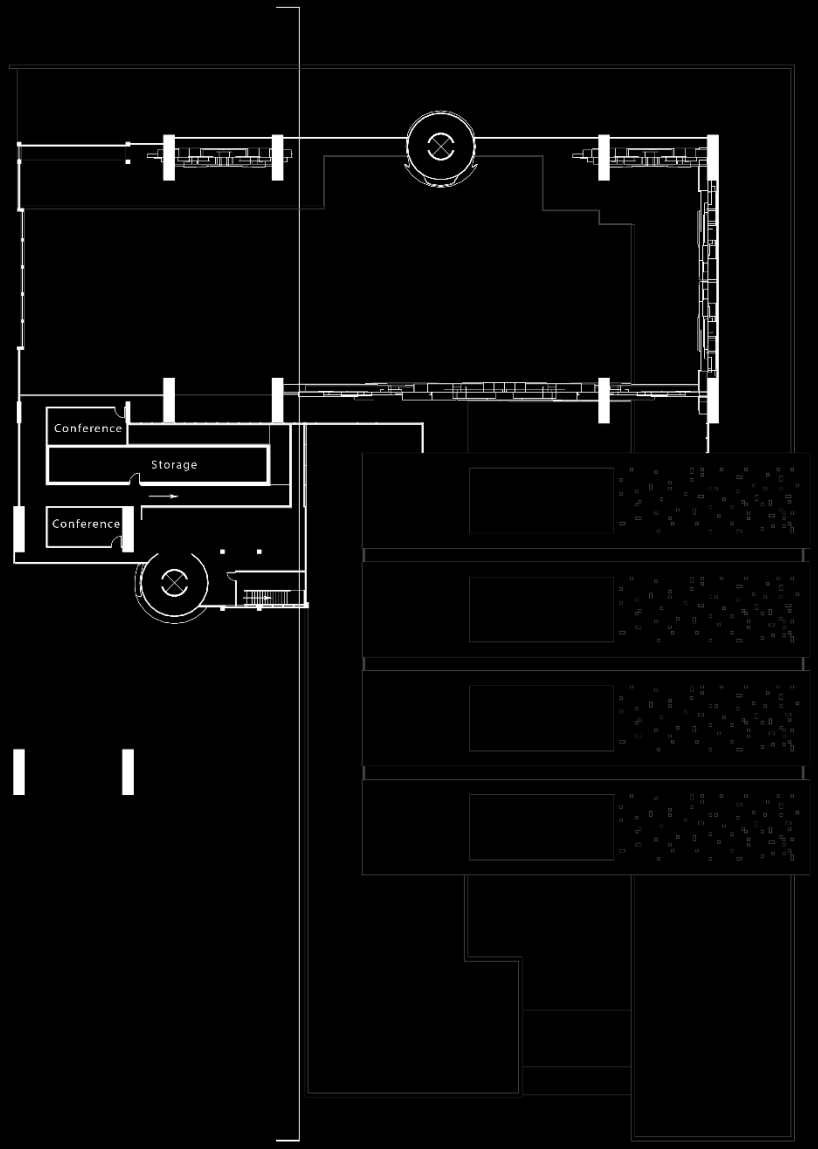
LEVEL 01


Studio
Studio
3D Printing Factory
Storage
Museum
Obsolescence
Atrium
Museum

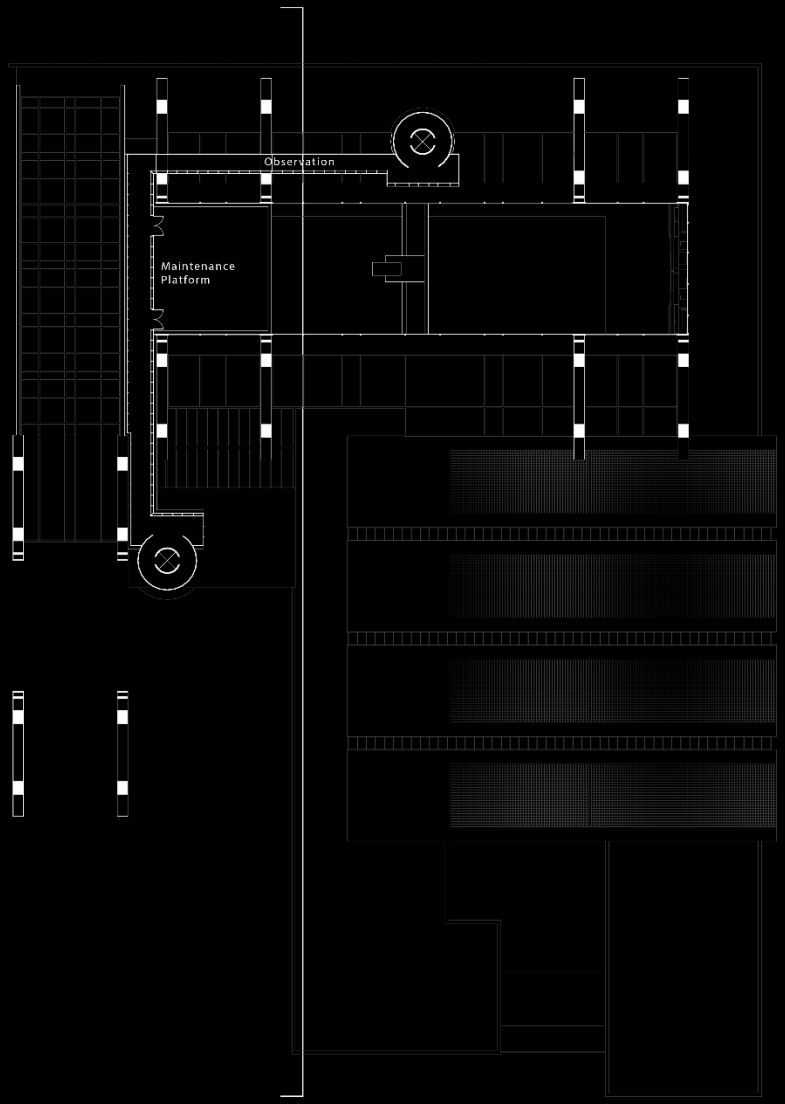
LEVEL 02


Studio
Studio
3D Printing Factory
Storage
Museum
Obsolescence
Atrium
Event Space
Museum
Restaurant

LEVEL 04

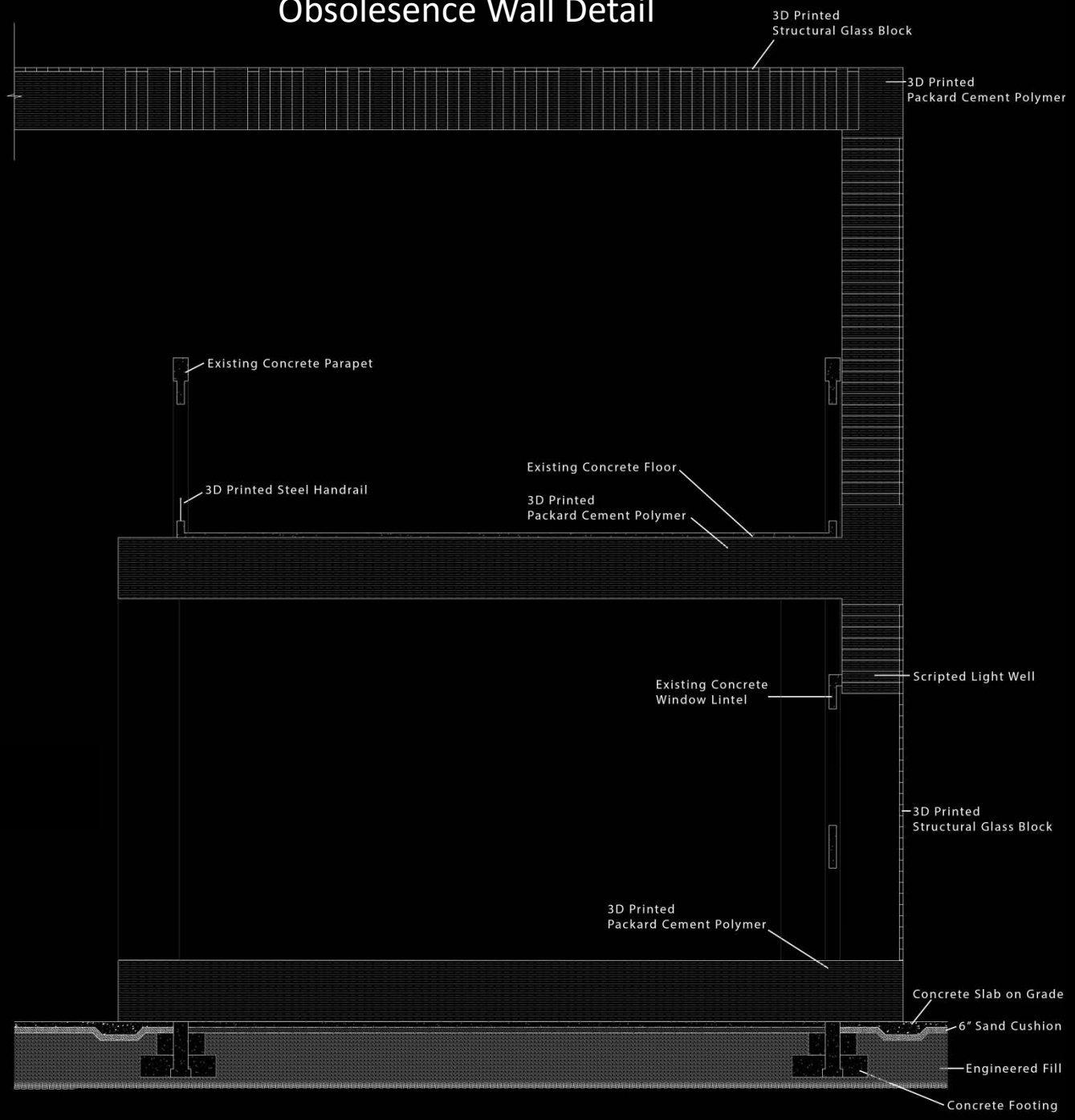


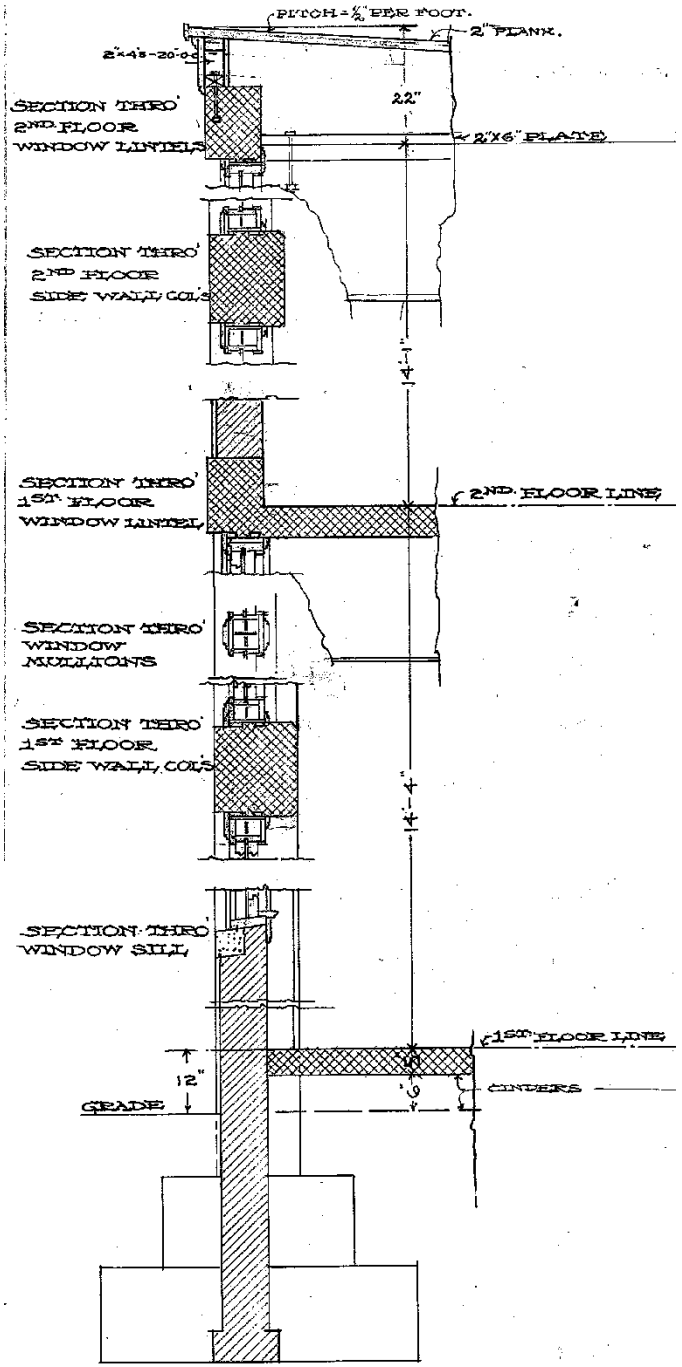
LEVEL 06

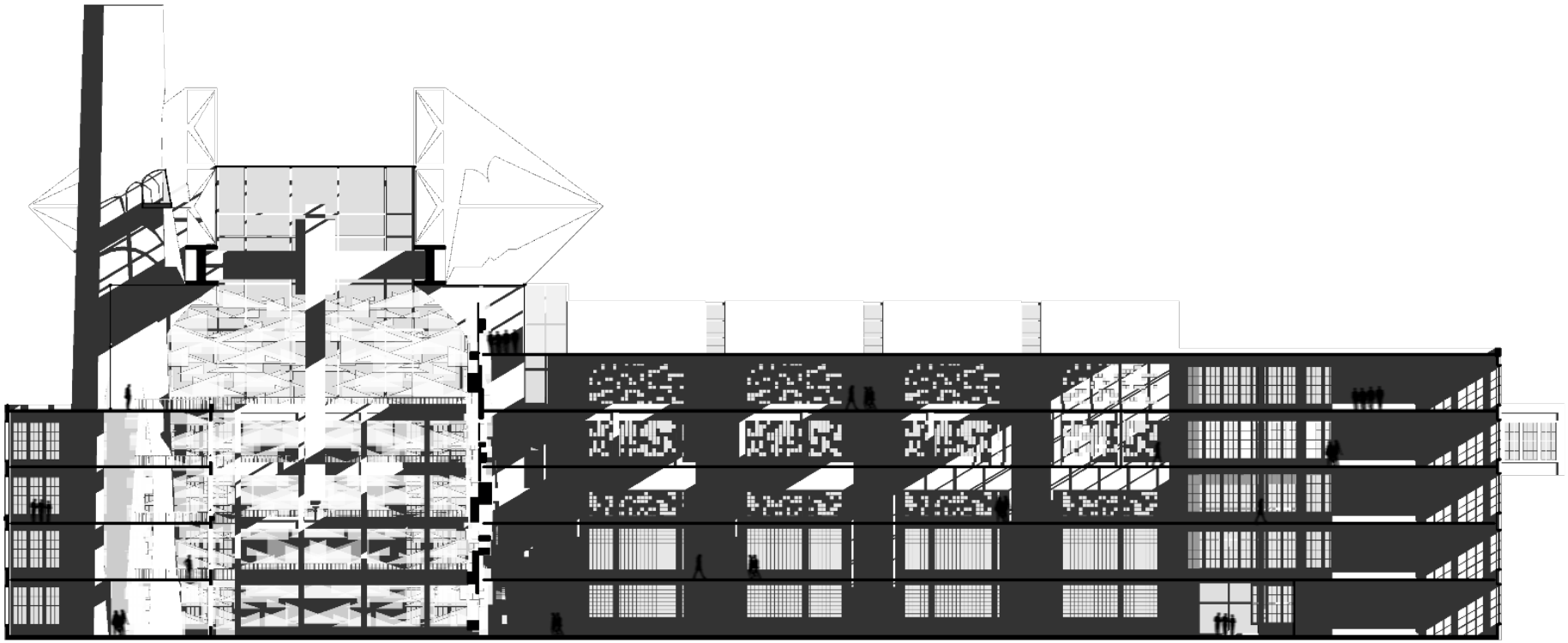


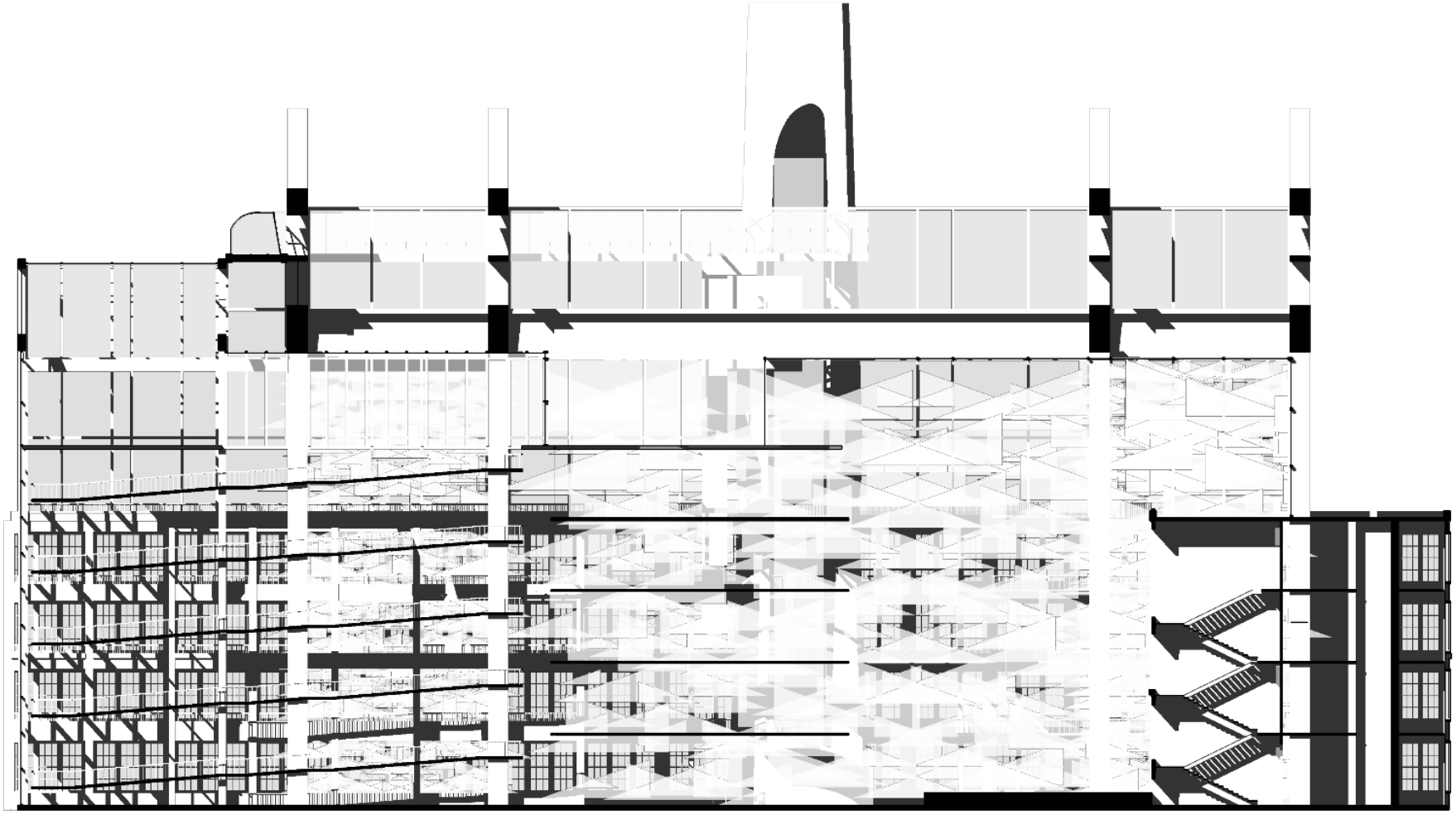
MEZZANINE

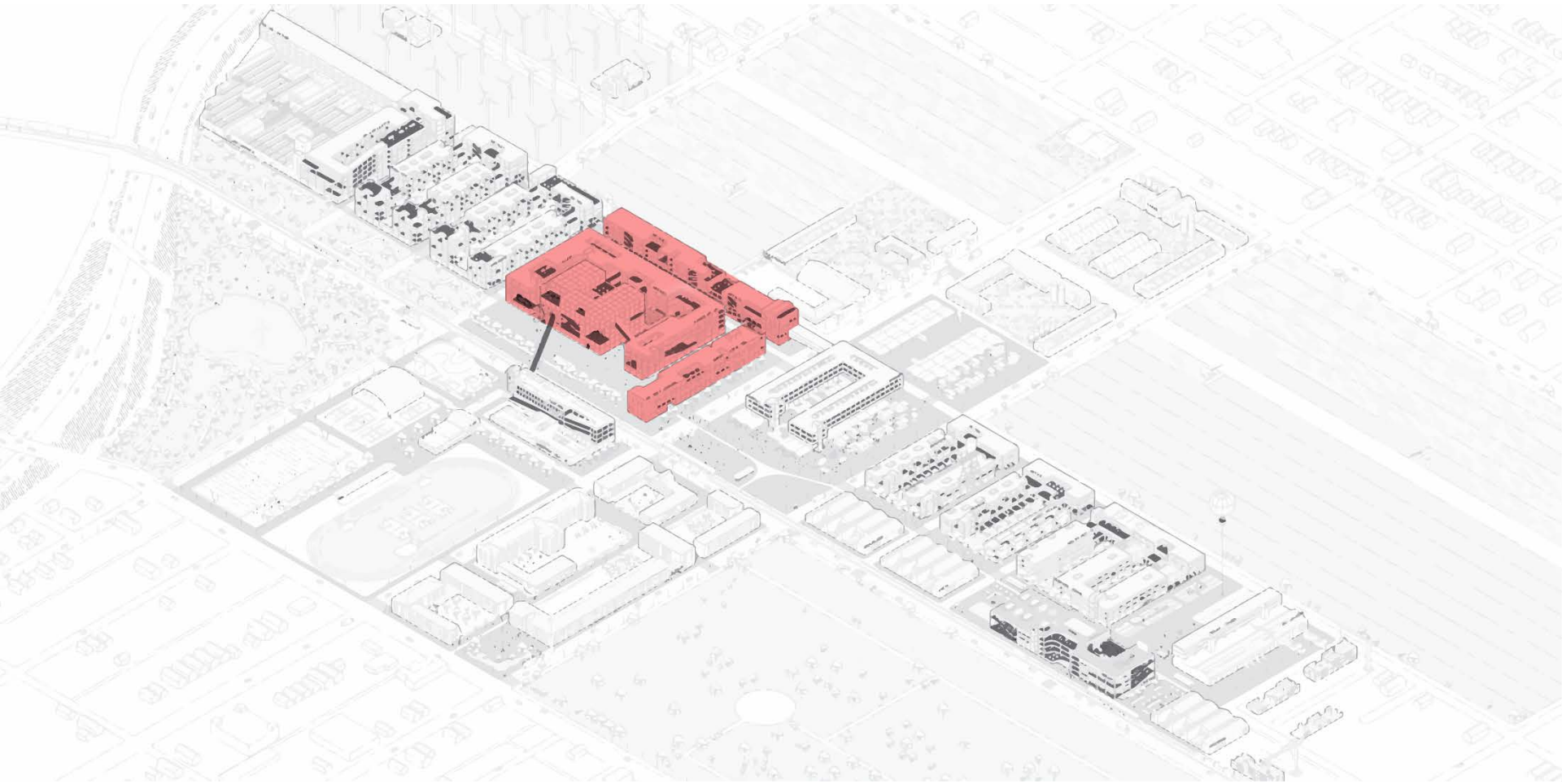
Obsolesence Wall Detail

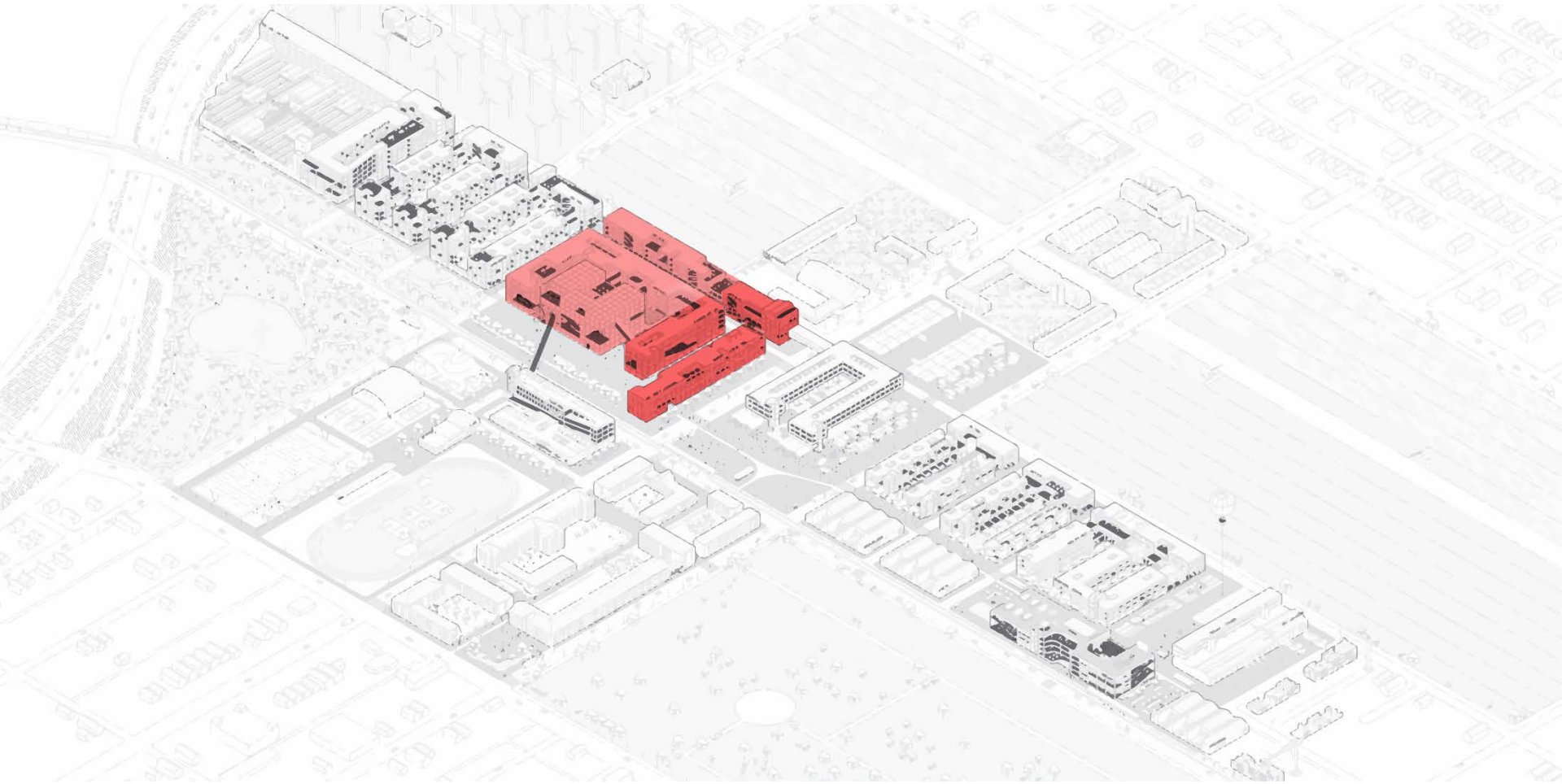


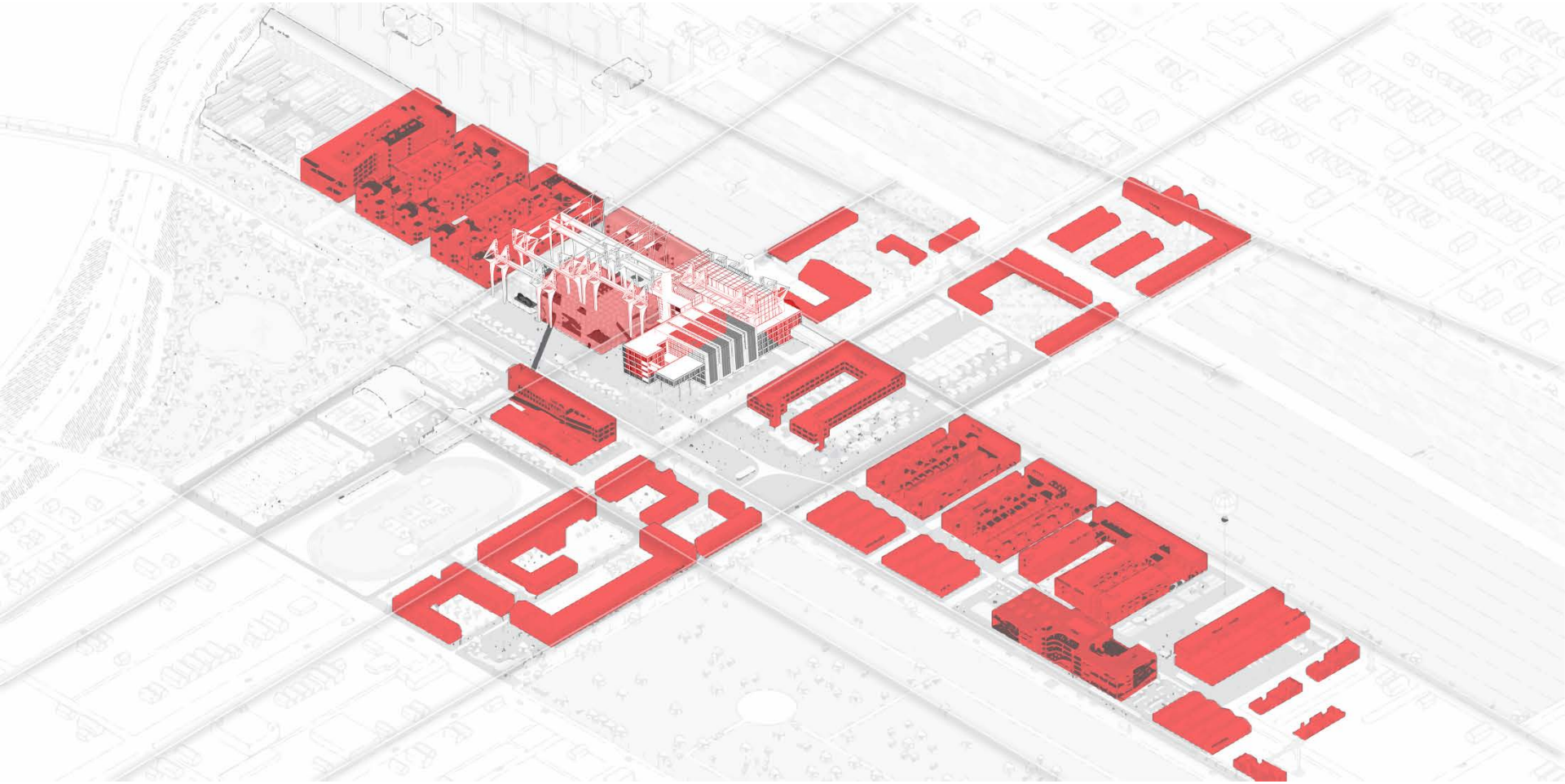

PITCH = ¼" PER FOOT.
2" PLANK.
2"x4"s-20"cs
22"
SECTION THRO' 2ND FLOOR WINDOW LINTELS
2"X6" PLATE
SECTION THRO' 2ND FLOOR SIDE WALL COLS
14'-1"
SECTION THRO' 1ST FLOOR WINDOW LINTEL
2ND FLOOR LINE
SECTION THRO' WINDOW MULLIONS
SECTION THRO' 1ST FLOOR SIDE WALL COLS
14'-4"
SECTION THRO' WINDOW SILL
1ST FLOOR LINE
12"
6"
CINDERS
GRADE

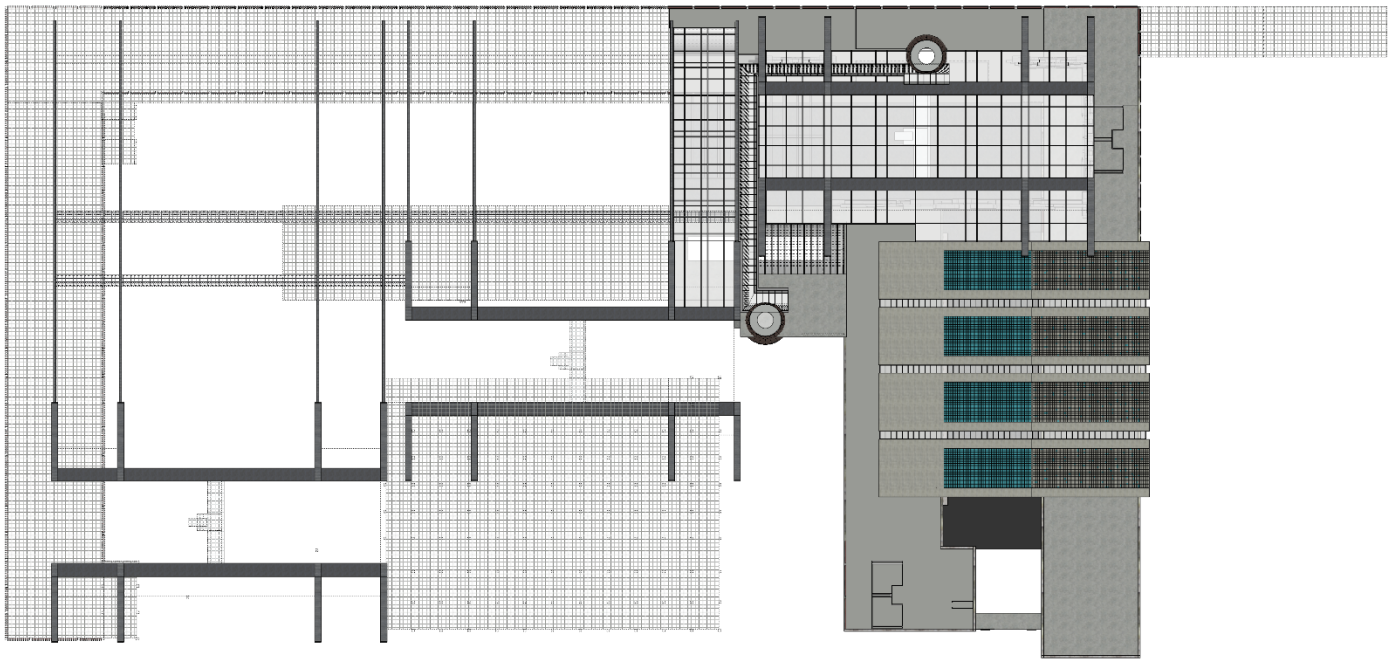


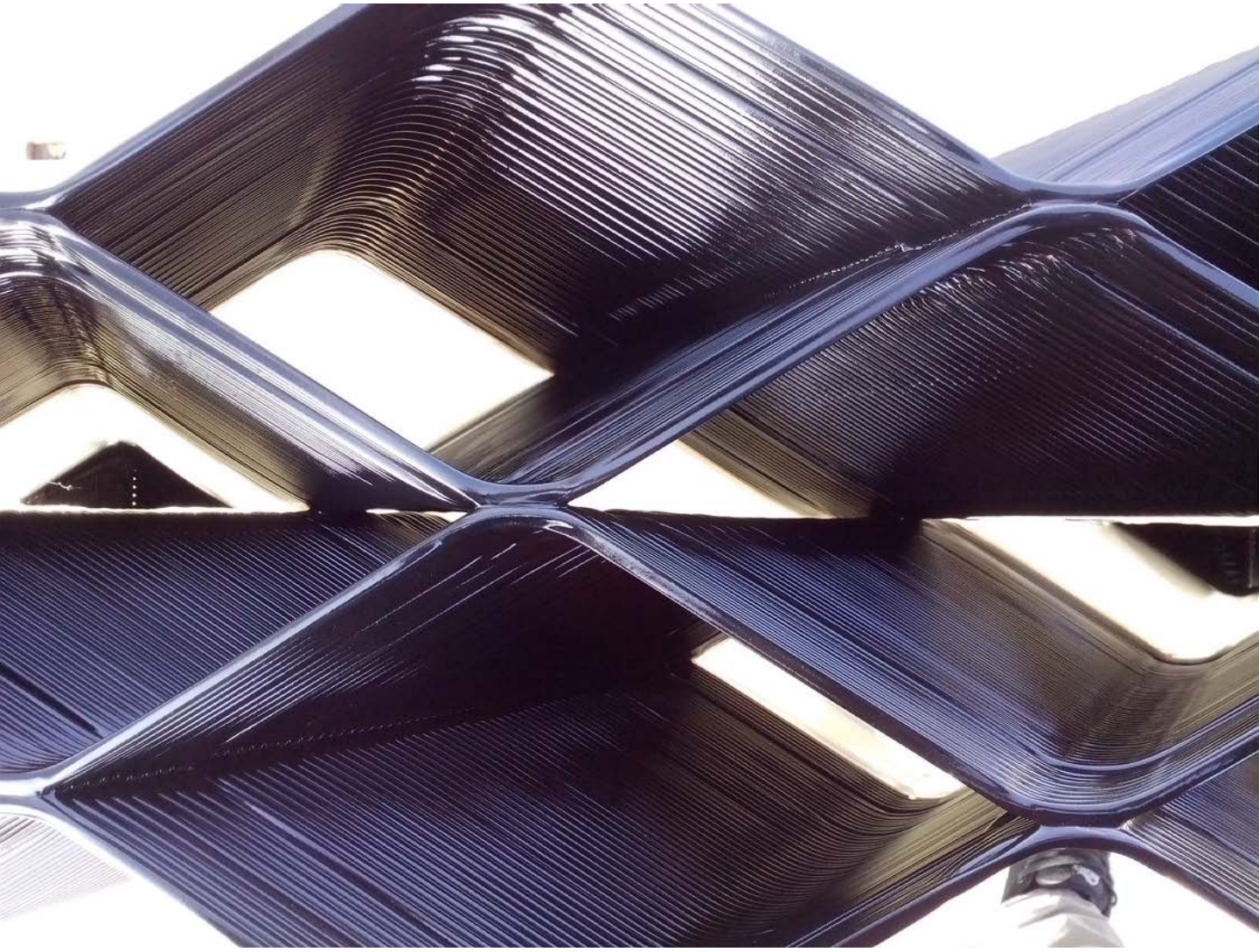
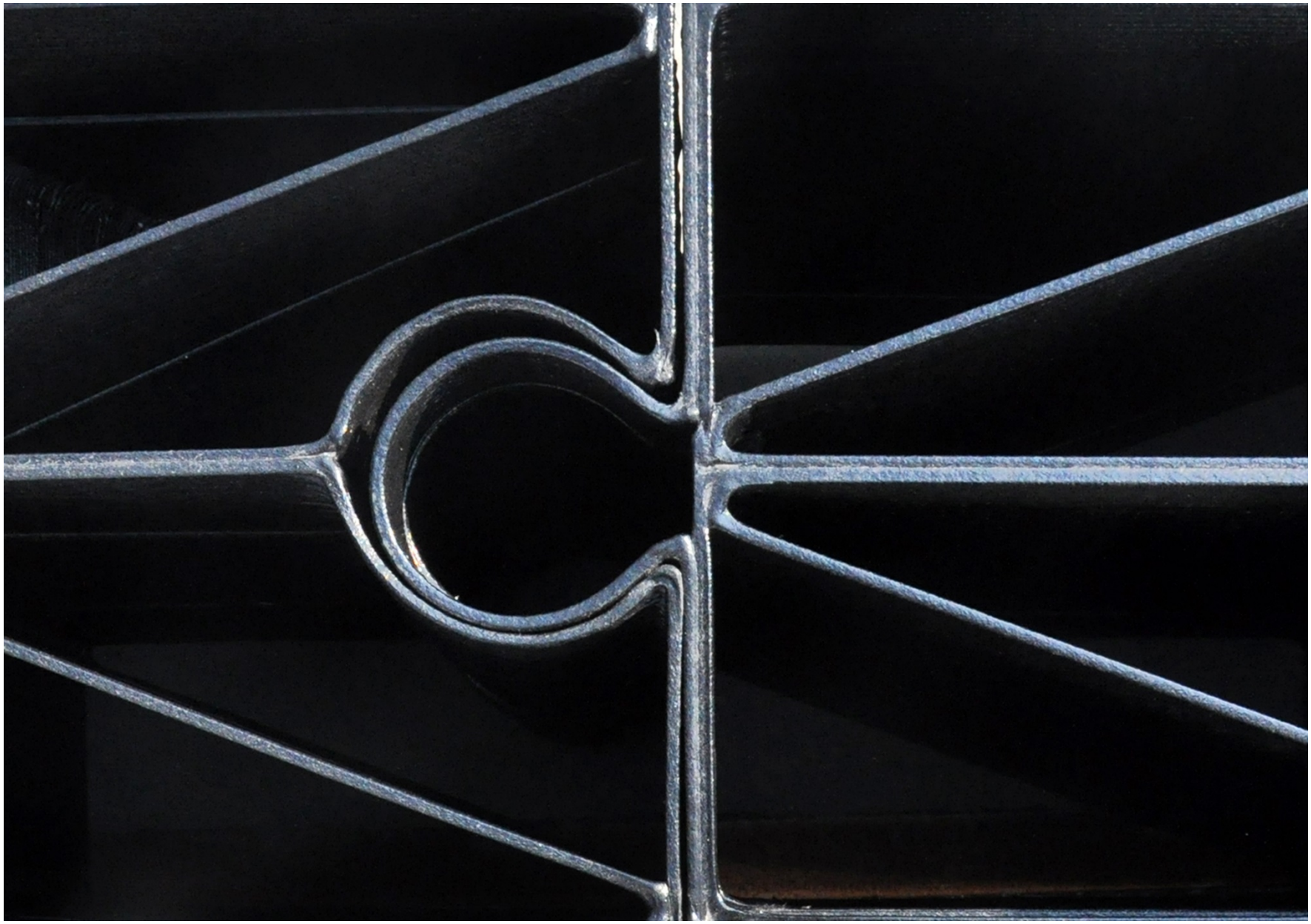
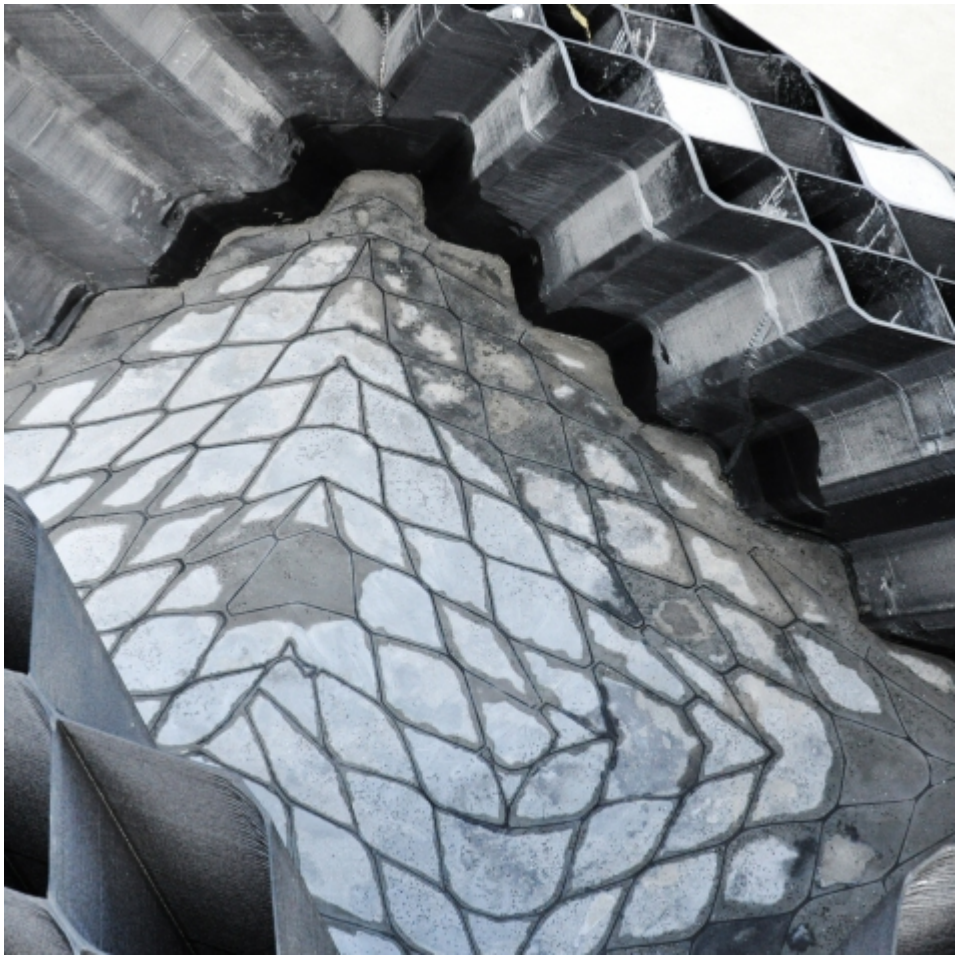
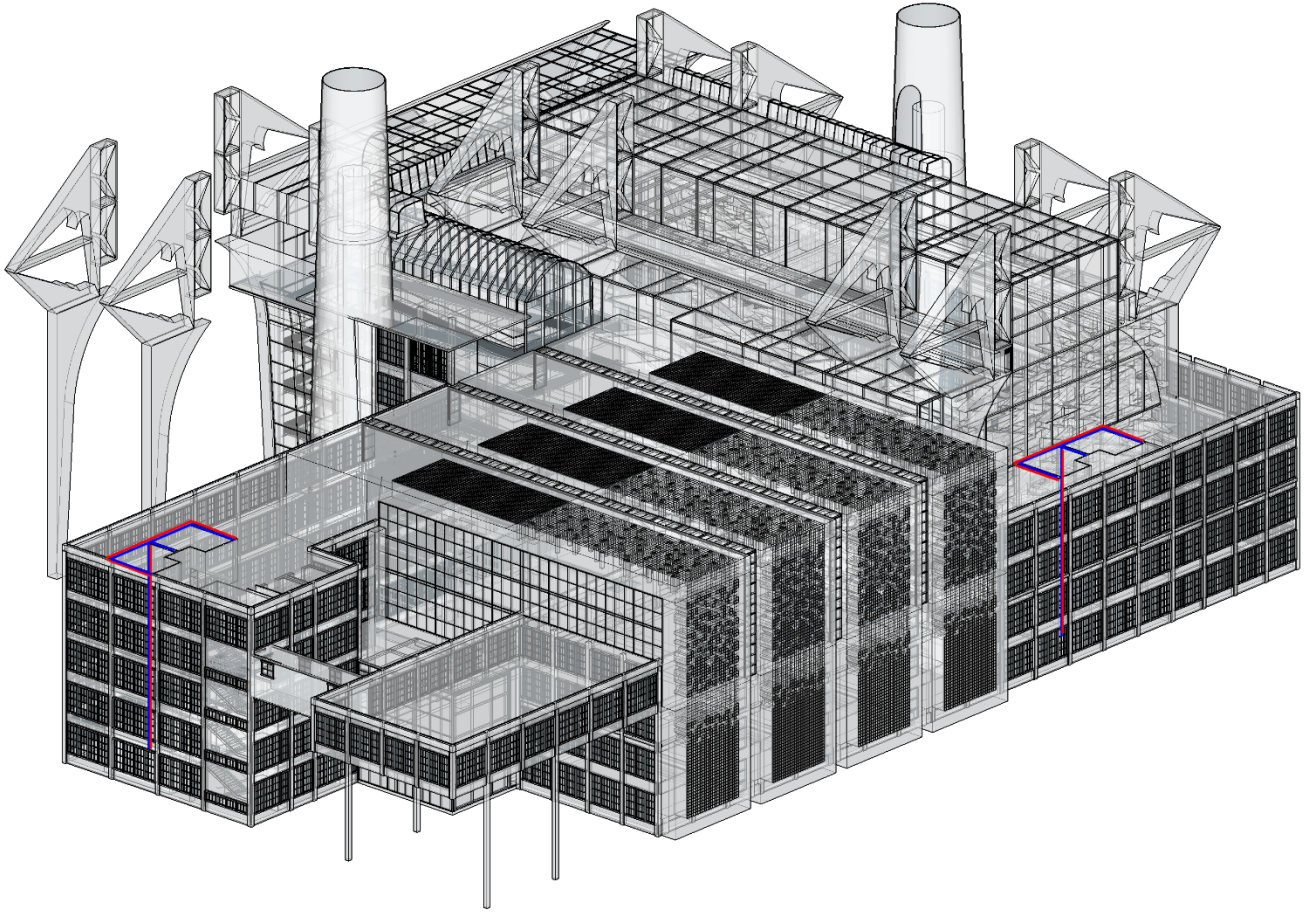
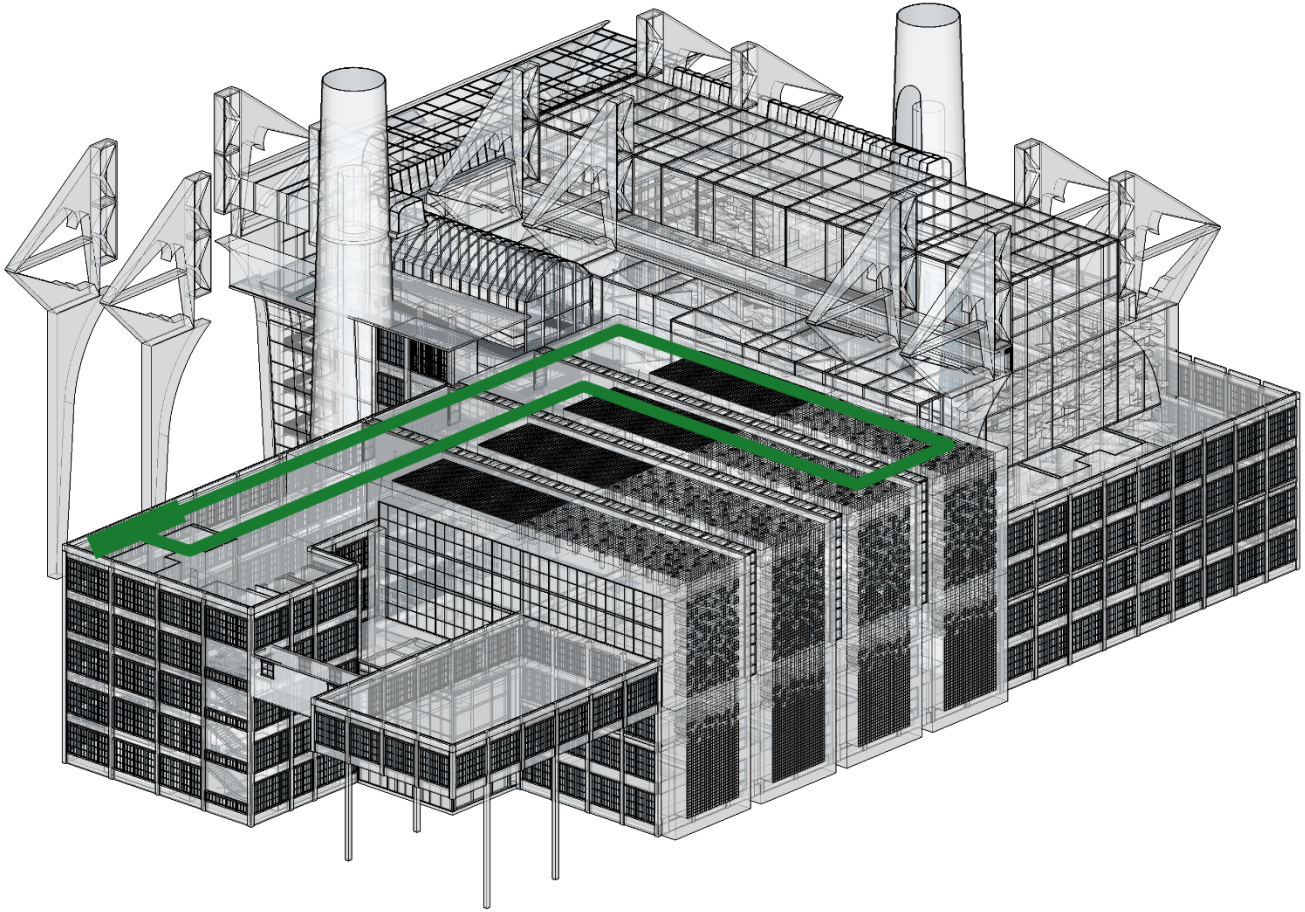
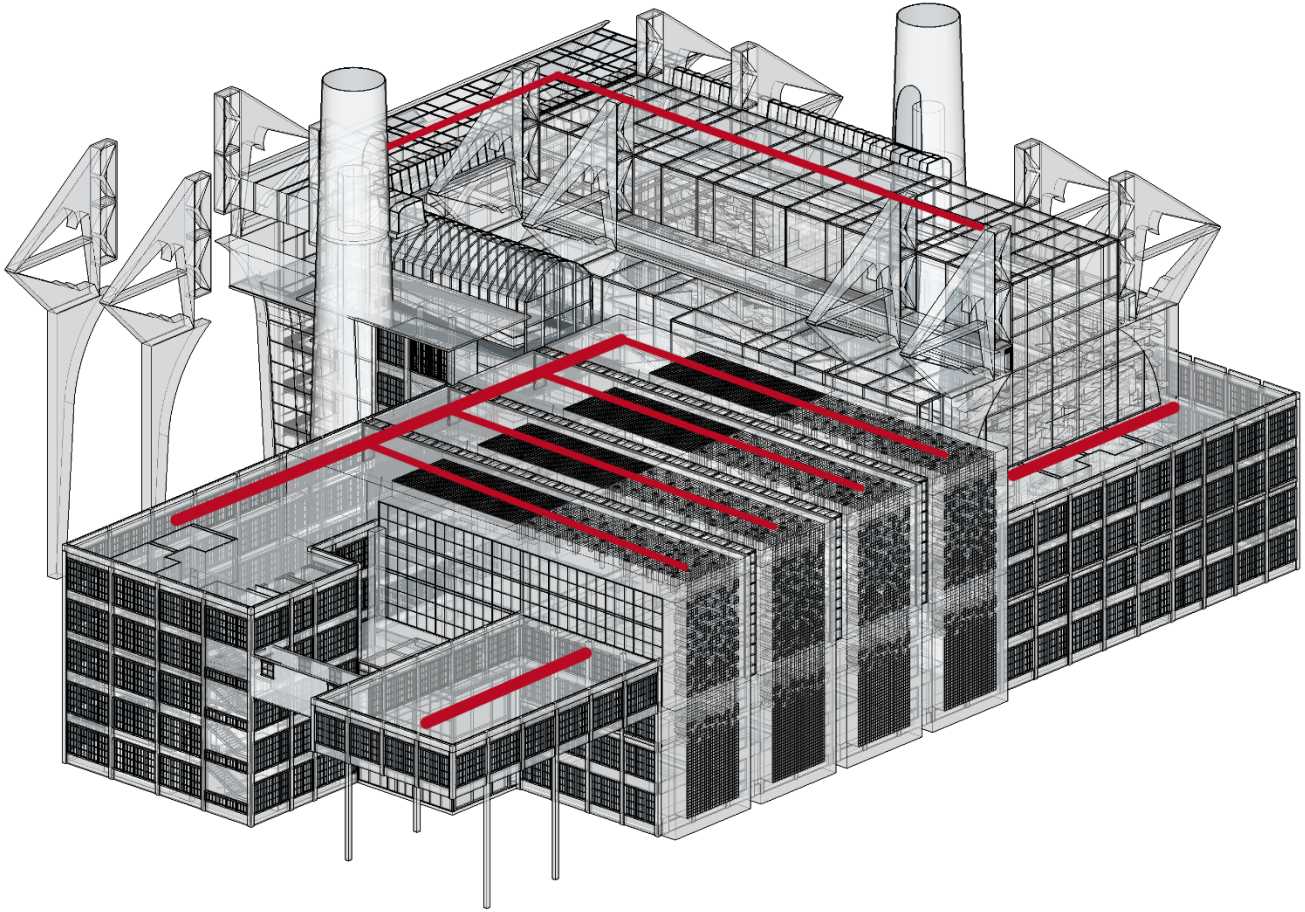










ADZEDYER

MOTOR CITY INDU TRIAL PARK