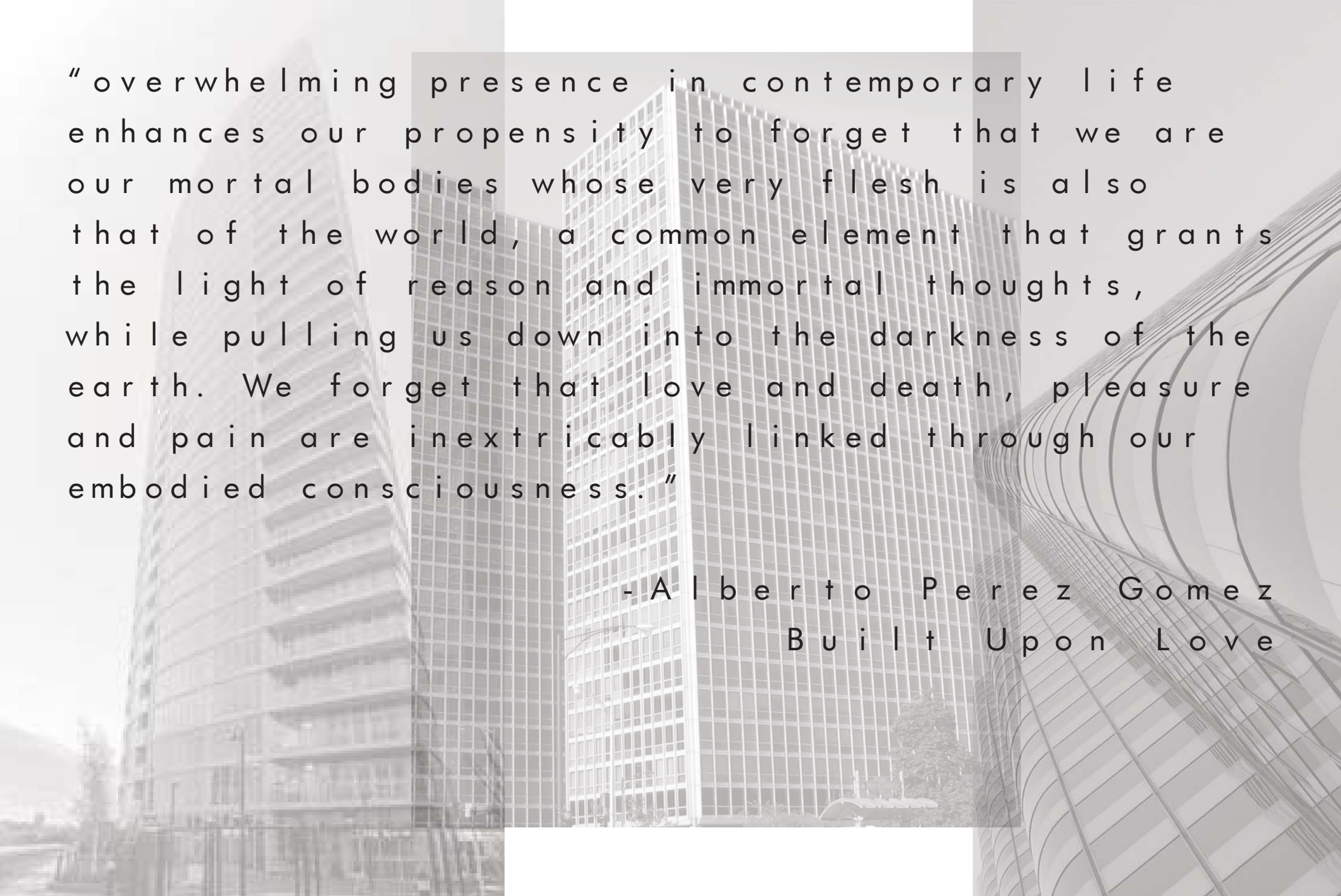


N e s t i n g : D w e l l i n g t h r o u g h S u r r e a l i s t i c
S p a c e s w i t h i n t h e U r b a n F a b r i c o f M i n n e a p o l i s





“overwhelming presence in contemporary life enhances our propensity to forget that we are our mortal bodies whose very flesh is also that of the world, a common element that grants the light of reason and immortal thoughts, while pulling us down into the darkness of the earth. We forget that love and death, pleasure and pain are inextricably linked through our embodied consciousness.”

- Alberto Perez Gomez
Built Upon Love



“well planned, easy to keep, attractively
cheap, open to air, light, and sun” though
they may be, hold no “guarantee that
dwelling occurs in them”

-Heidegger
Lessons of a Dream



Downtown Minneapolis



the old spaghetti factory

Heidegger's Cabin

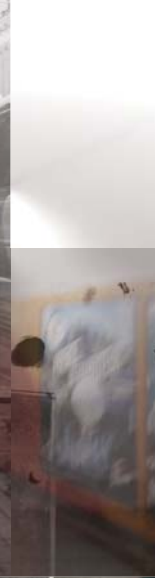
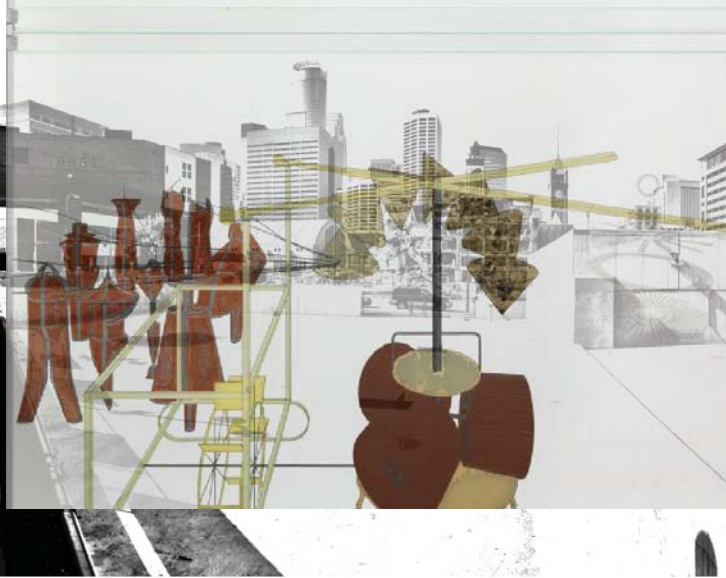
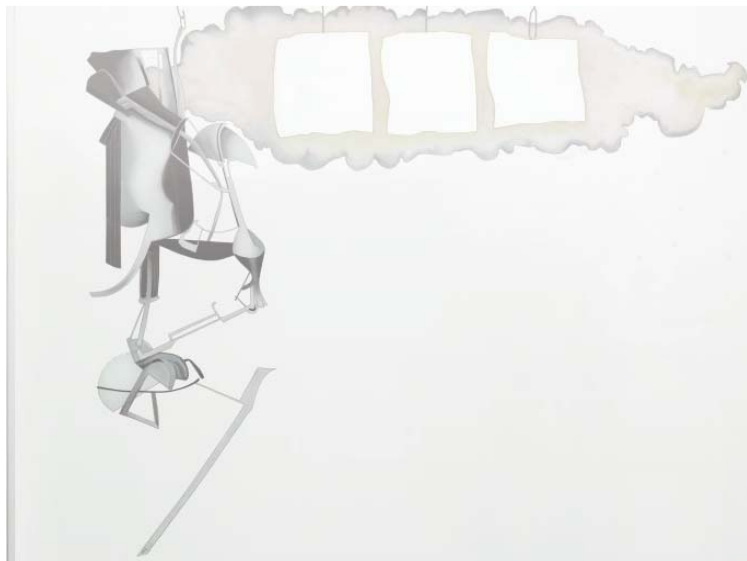


" is the natural habitat of the function of inhabiting. For not only do we come back to it, but we dream of coming back to it, the way a bird comes back to its nest, or a lamb to the fold. This sign of return marks an infinite number of daydreams, for the reason that human returning takes place in the great rhythm of human life, a rhythm that reaches back across the years and, through the dream, combats all absence. An intimate component of faithful loyalty reacts upon the related images of nest and house. "

-Gaston Bachelard
The Poetics of Space

“reinststate the imagination as the distinctive attribute of human existence,” and to complete this task, “the surrealist texts reveal a non-perspectival space which is conducive to the evocation of their poetic world.”

- Dagmar Motycka Weston
Surrealist Paris



NADJA

ANDRÉ
BRETON

Texte intégral





ADVANCE
ENTERTAINMENT

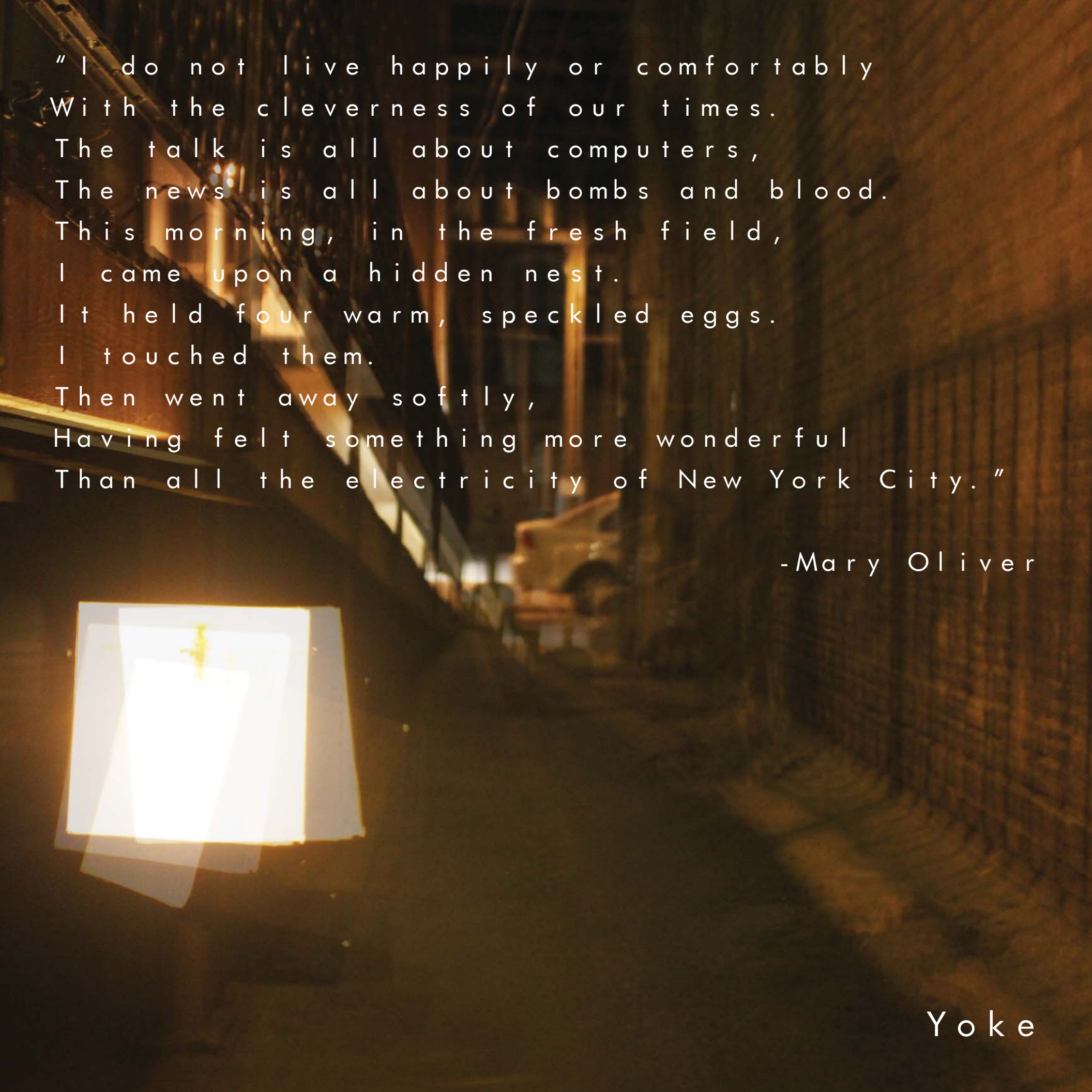


Simonds constructing a city within the city

"The more finite a thing is, the more it is charged with life, emotions, joy, fear, compassion. For infinity is not terribly lively, not terribly emotional...passion is the privilege of the insignificant."

- Joseph Brodsky
In Praise of Boredom

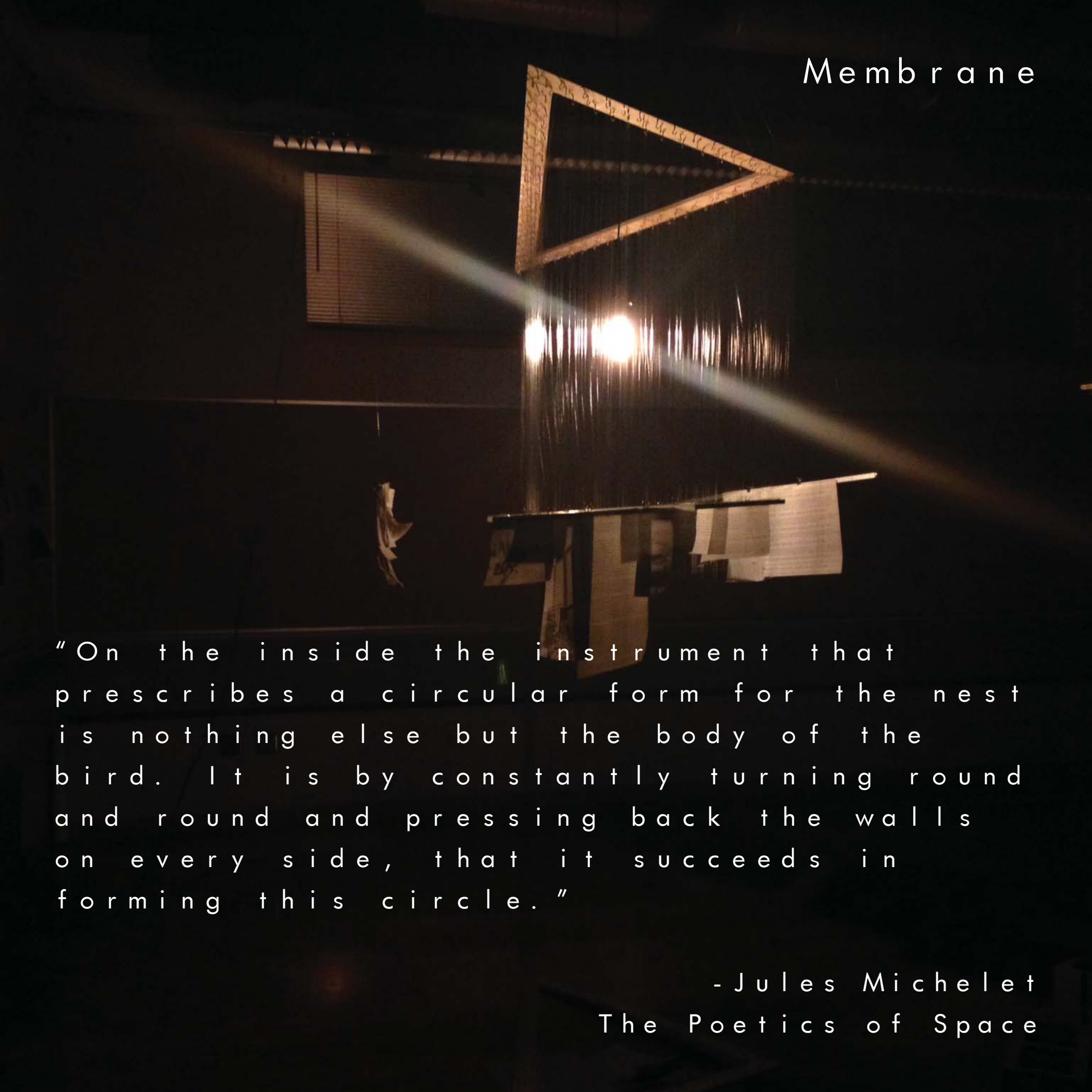


A photograph of a subway tunnel. In the foreground, a bright, rectangular light source, possibly a sign or a window, is illuminated, casting a strong glow. The tunnel walls are dark and textured. In the distance, a train is visible, moving away from the viewer. The overall atmosphere is dim and industrial.

" I do not live happily or comfortably
With the cleverness of our times.
The talk is all about computers,
The news is all about bombs and blood.
This morning, in the fresh field,
I came upon a hidden nest.
It held four warm, speckled eggs.
I touched them.
Then went away softly,
Having felt something more wonderful
Than all the electricity of New York City. "

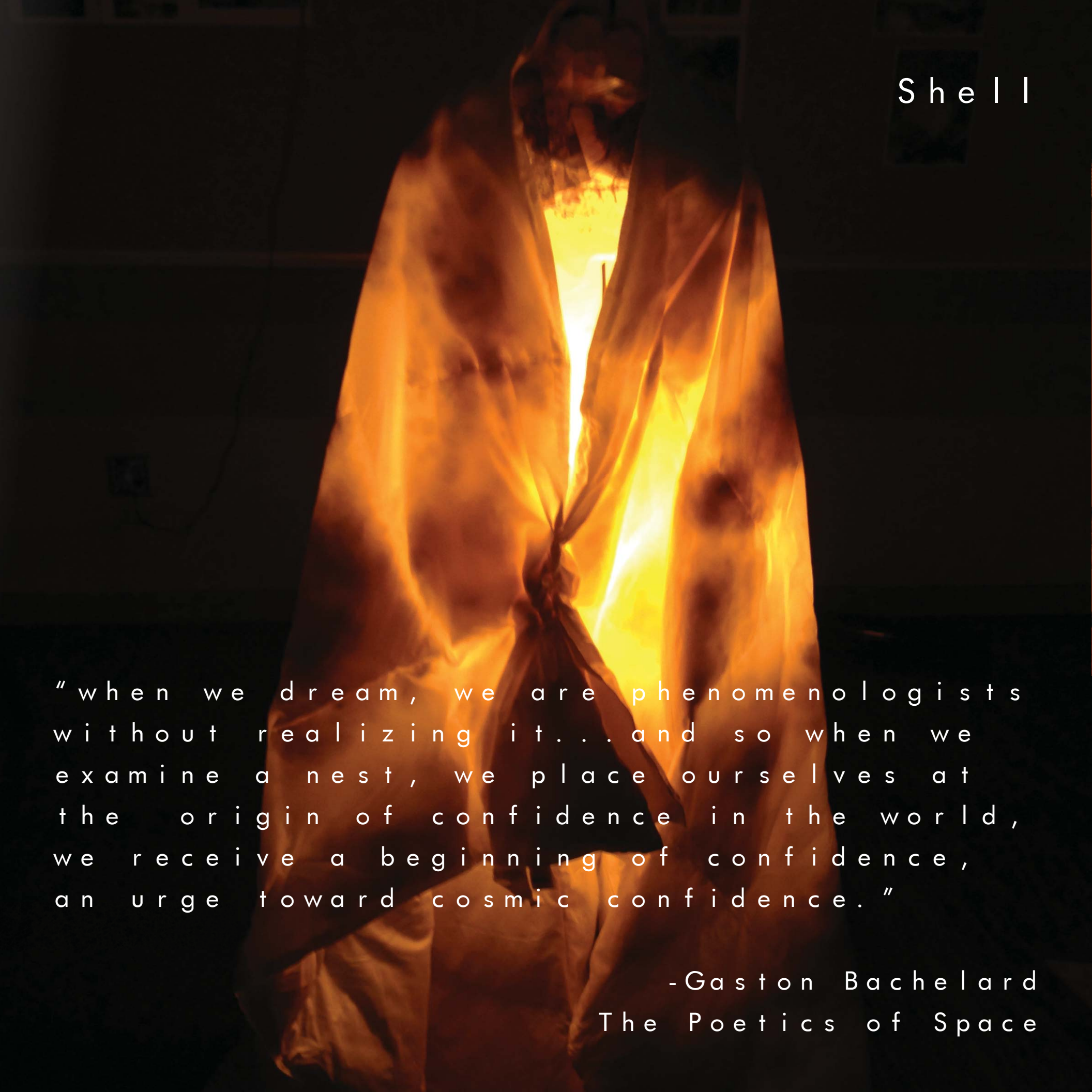
-Mary Oliver

Membrane

A dark, abstract installation featuring a large, illuminated, triangular frame structure. The frame is made of a textured material and is lit from within, creating a warm glow. Below the frame, several vertical, translucent, membrane-like structures hang down, illuminated from behind, creating a shimmering effect. The overall atmosphere is mysterious and artistic.

"On the inside the instrument that prescribes a circular form for the nest is nothing else but the body of the bird. It is by constantly turning round and round and pressing back the walls on every side, that it succeeds in forming this circle."

- Jules Michelet
The Poetics of Space



S h e l l

"when we dream, we are phenomenologists without realizing it... and so when we examine a nest, we place ourselves at the origin of confidence in the world, we receive a beginning of confidence, an urge toward cosmic confidence."

-Gaston Bachelard
The Poetics of Space

N e s t



" f o r t h e s o l i t a r y t h e r e c o m e s f r o m
t i m e t o t i m e a s o m e t h i n g w o n d e r f u l l y
b e n e f i c e n t . I t i s n o s o u n d , n o
s p l e n d o r , a n d a l s o n o v o i c e . I t i s t h e
s m i l e o f w o m e n w h o h a v e p a s s e d a w a y ,
w h i c h , l i k e t h e l i g h t o f d e a d s t a r s , i s
s t i l l o n i t s w a y t o u s . "

- R a i n e r M a r i a R i l k e
L e t t e r s t o a Y o u n g P o e t









Minneapolis Lightrail Map Green Line Highlighted in Red

Site 1

Site 2

Minneapolis Minnesota

Minneapolis – St. Paul Future Transit Network 2030

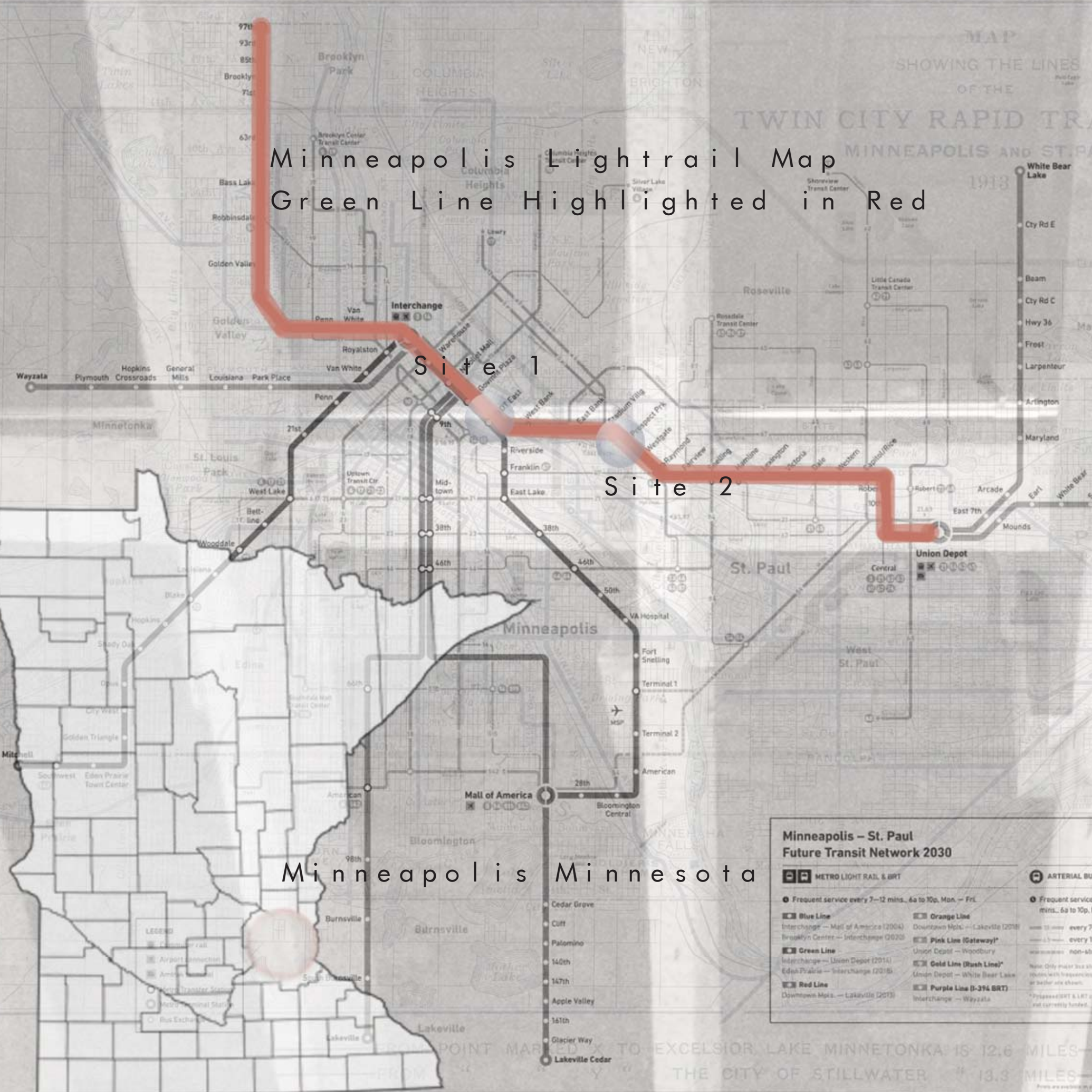
METRO LIGHT RAIL & BRT

- Frequent service every 7–12 mins., 6a to 10p, Mon. – Fri.
- Blue Line
Interchange – Mall of America (2004)
Brooklyn Center – Interchange (2020)
- Green Line
Interchange – Union Depot (2014)
Eden Prairie – Interchange (2015)
- Red Line
Downtown Mpls. – Lakville (2013)
- Orange Line
Downtown Mpls. – Lakville (2018)
- Pink Line (Gateway)*
Union Depot – Woodbury
- Gold Line (Rush Line)*
Union Depot – White Bear Lake
- Purple Line (I-394 BRT)
Interchange – Wayzata

ARTERIAL BUS

- Frequent service every 15 mins., 6a to 10p, Mon. – Fri.
- Frequent service every 15 mins., 6a to 10p, Mon. – Fri.
- Frequent service every 15 mins., 6a to 10p, Mon. – Fri.

* Proposed BRT & LRT corridors not currently funded.





Downtown Minneapolis

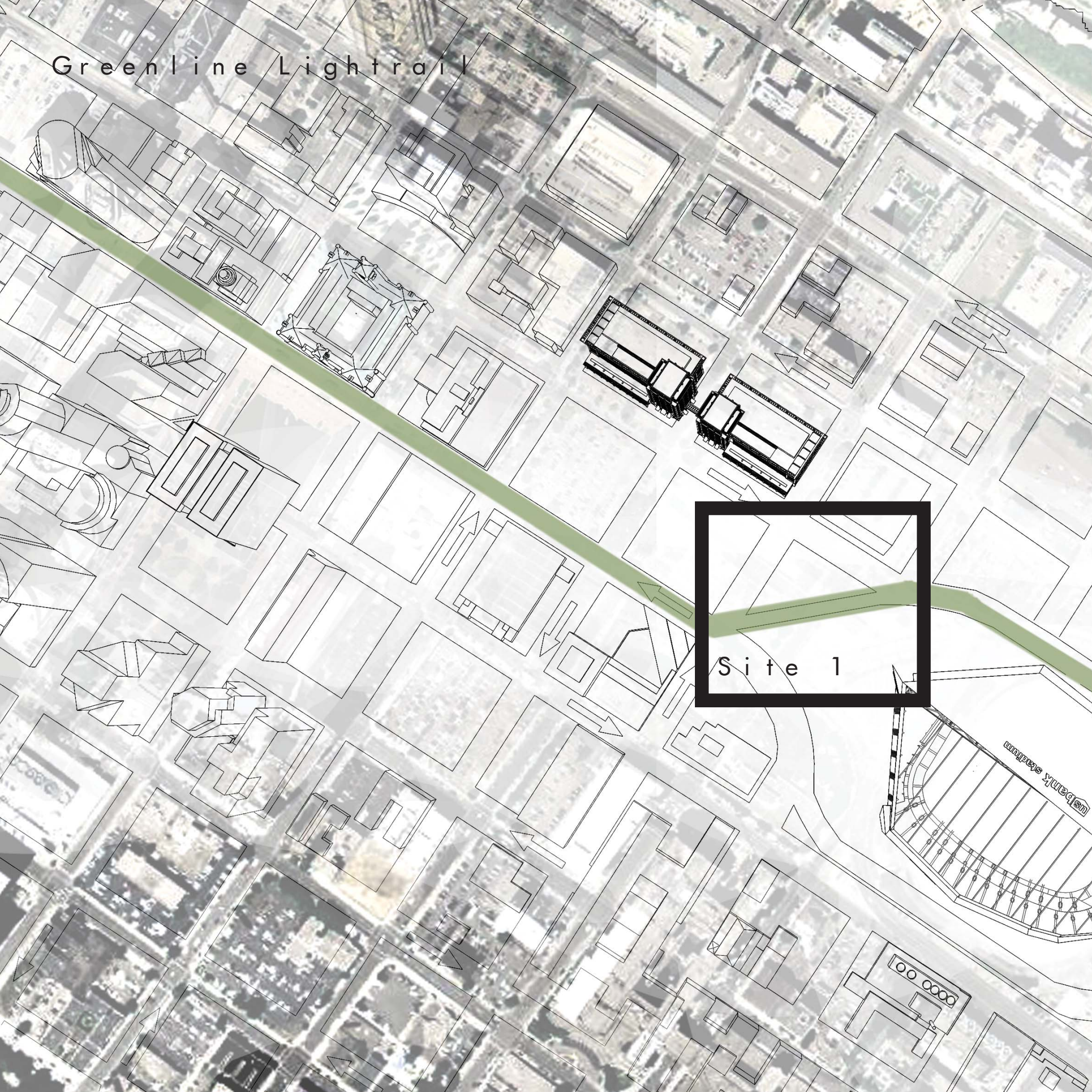
Site 1

University of Minnesota Campus

Site 2

Lightrail

Greenline Lighttrail



Site 1

US Bank Stadium

Greenline Lightrail
Bike Lines



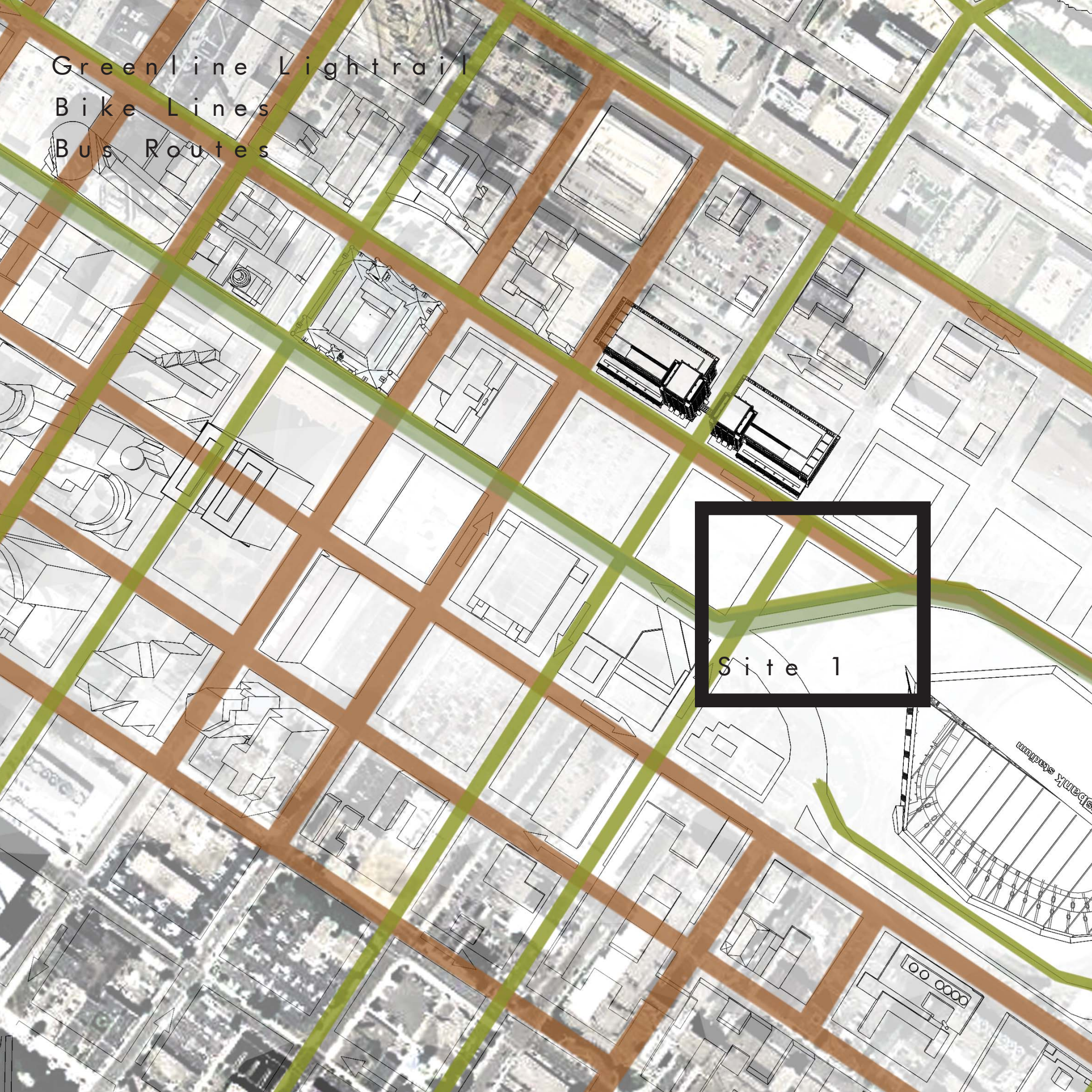
Site 1

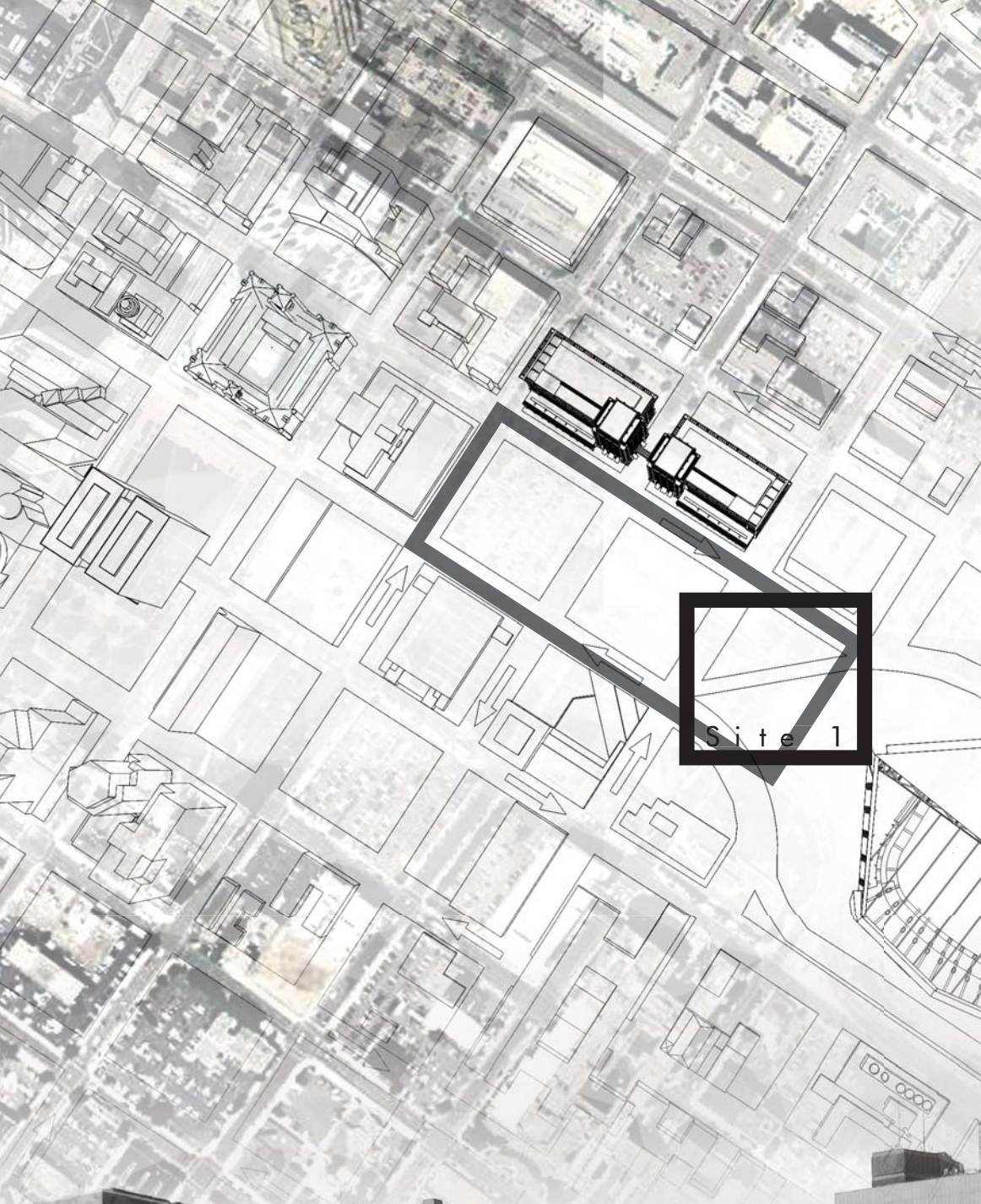
Bank of America
Stadium

Greenline Lighttrail
Bike Lines
Bus Routes



Site 1





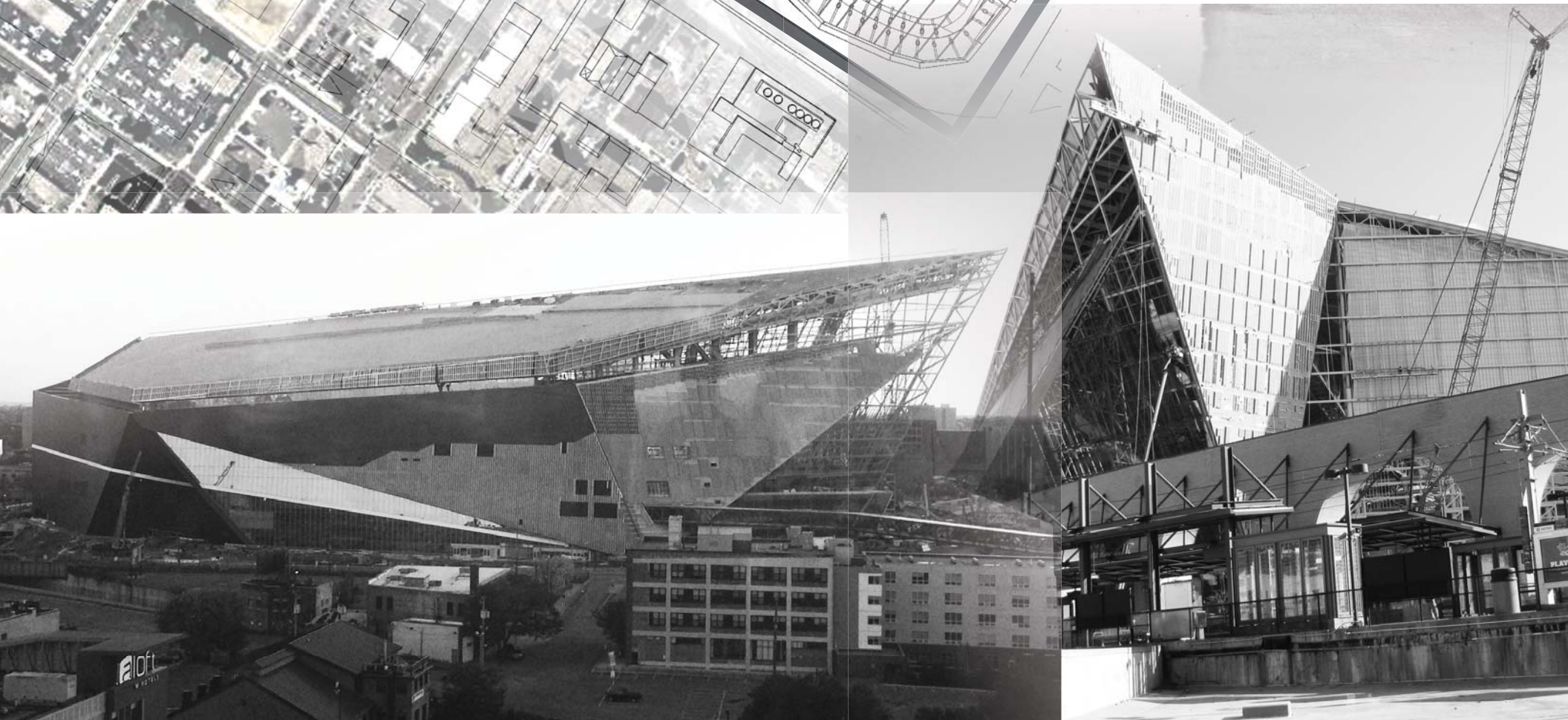
New Park Construction

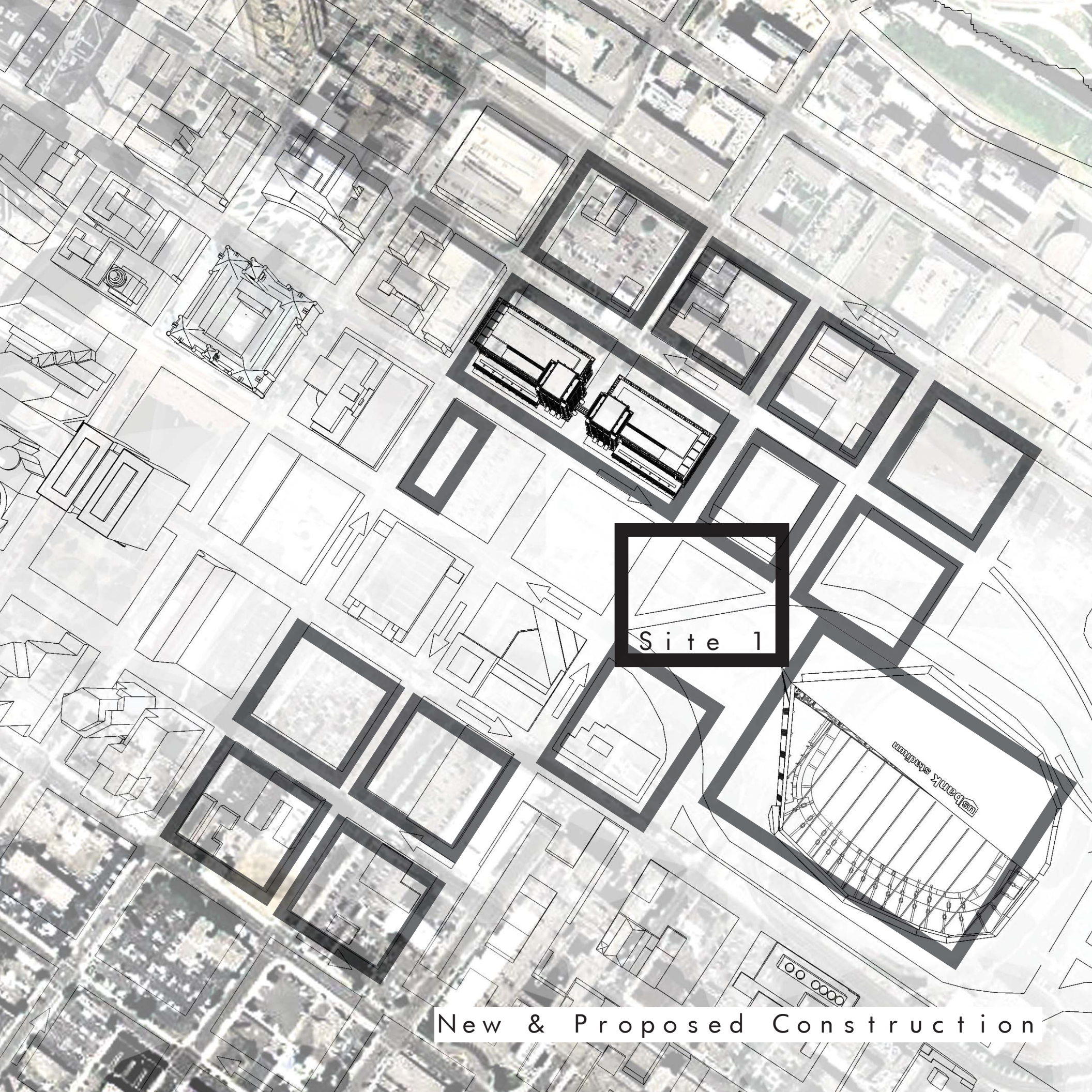




Site 1

Vikings Stadium





Site 1

New & Proposed Construction



U n d e r g r o u n d
P a r k i n g S t r u c t u r e





Downtown Minneapolis

Site 1

University of Minnesota Campus

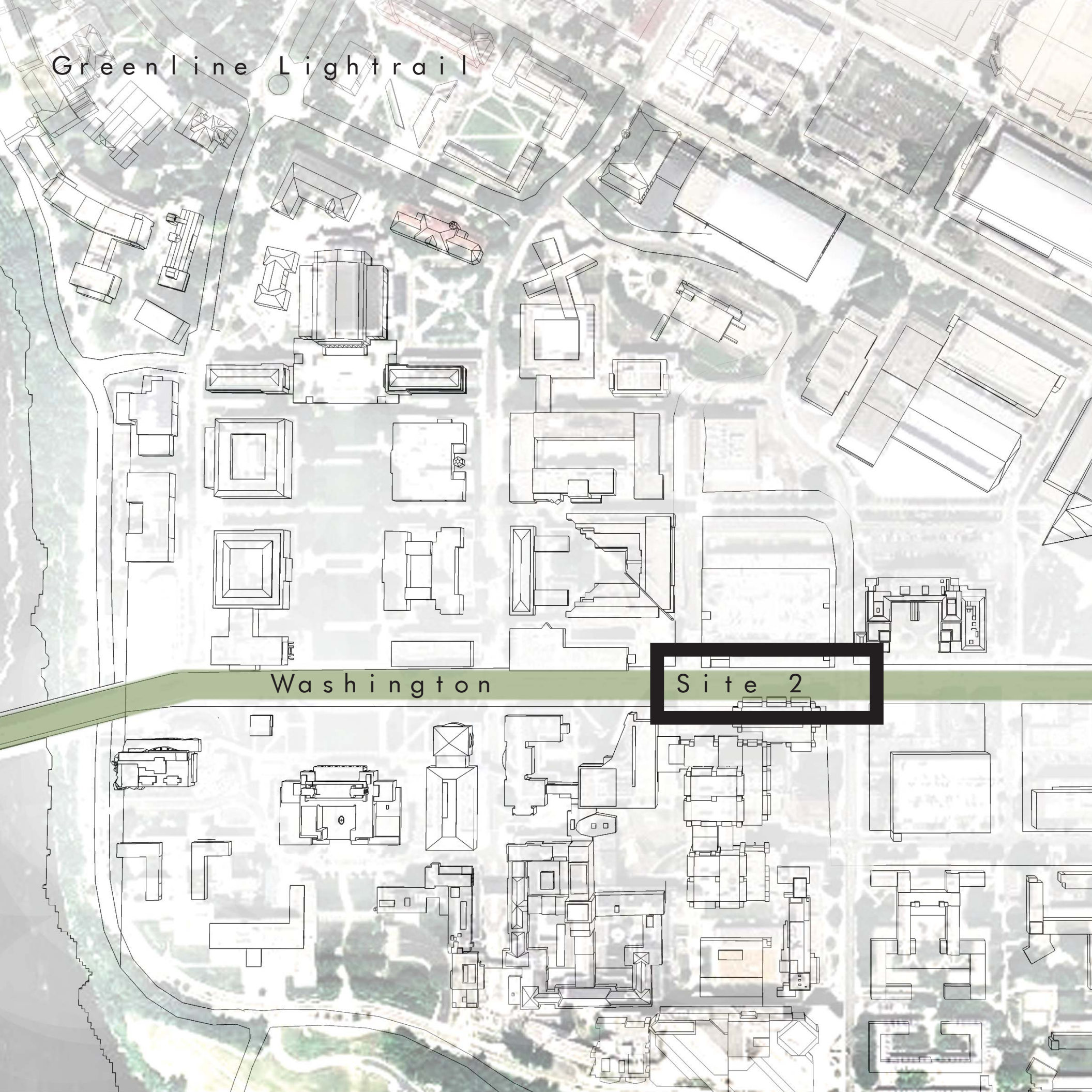
Site 2

Lightrail

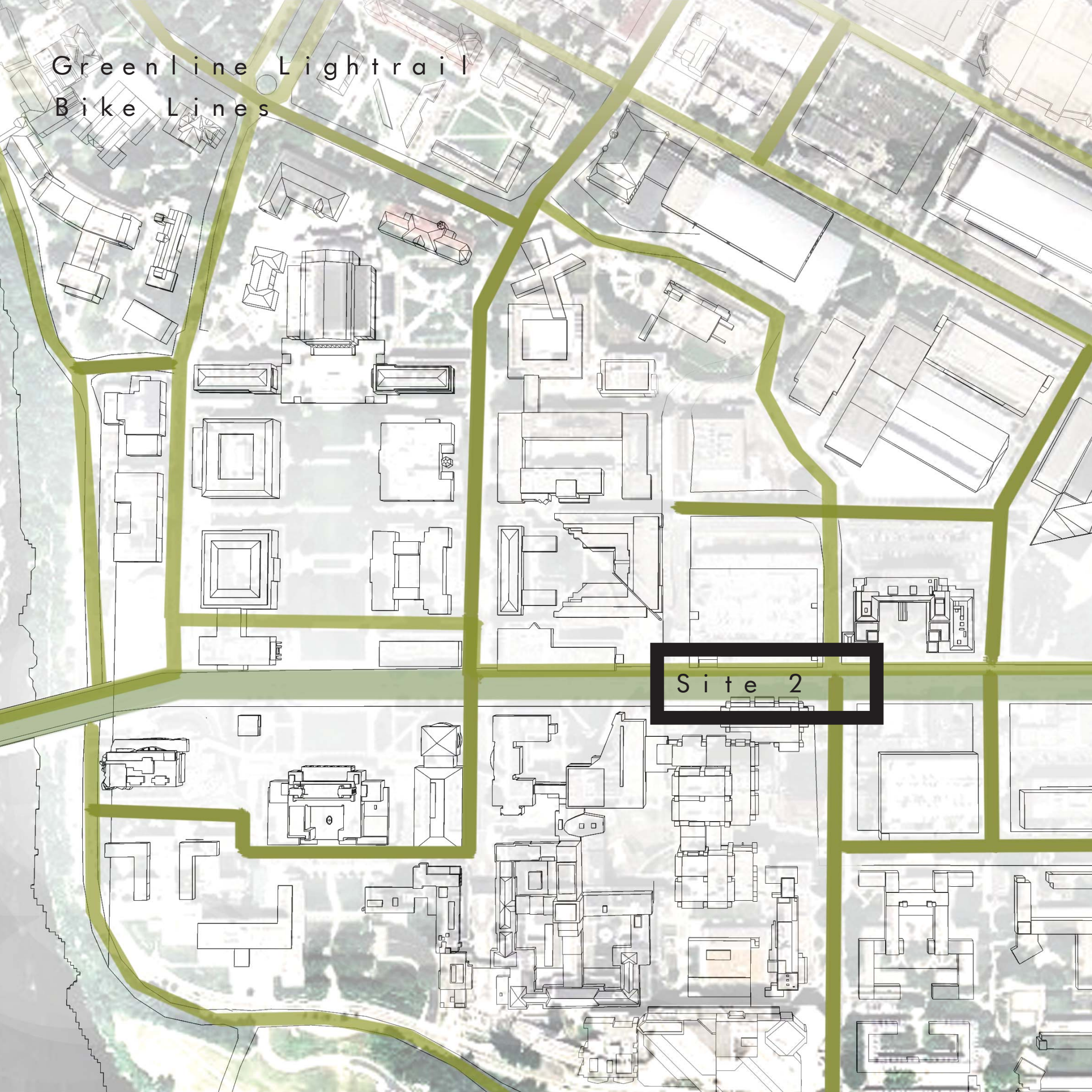
Greenline Lighttrail

Washington

Site 2



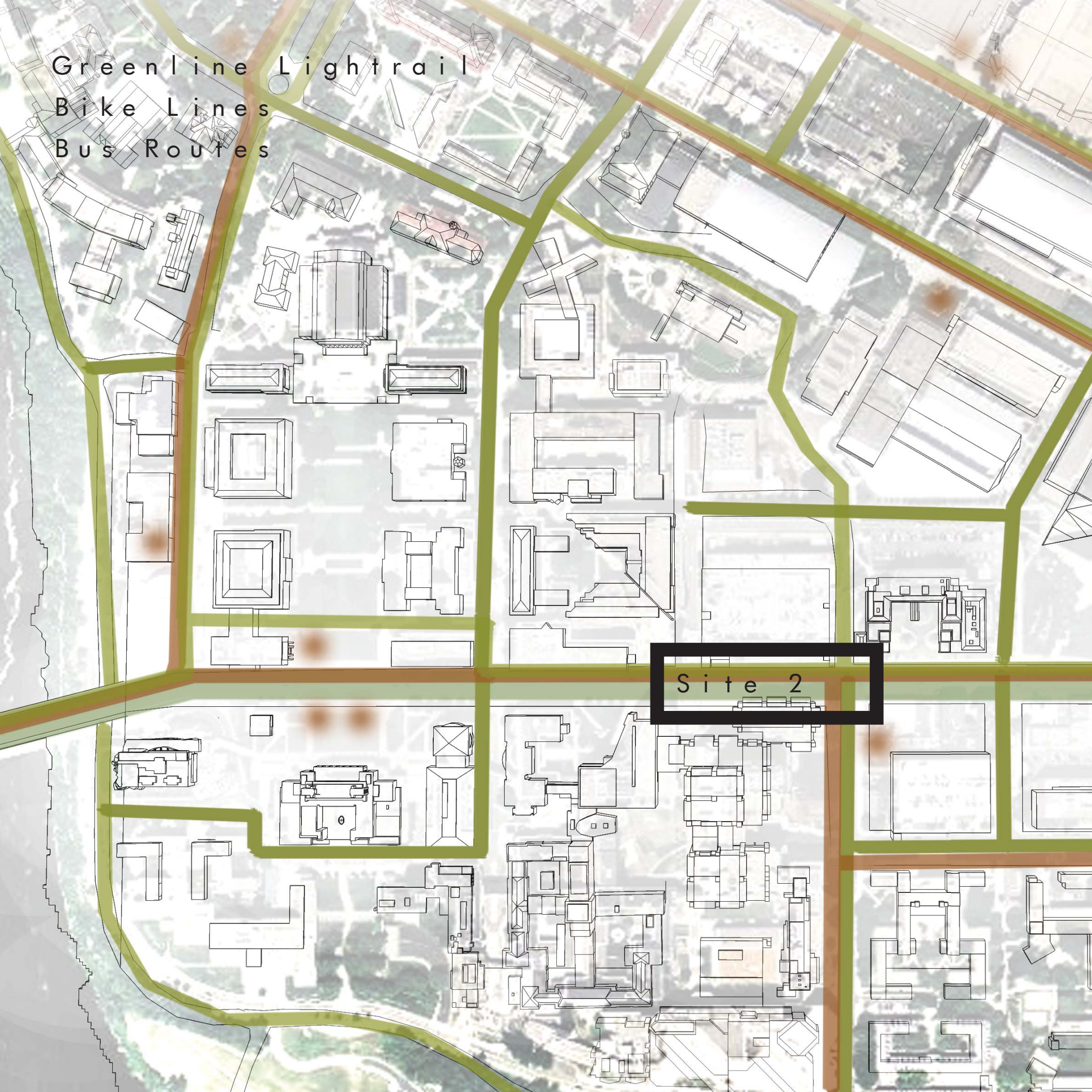
Greenline Lightrail
Bike Lines



Site 2

Greenline Lightrail
Bike Lines
Bus Routes

Site 2



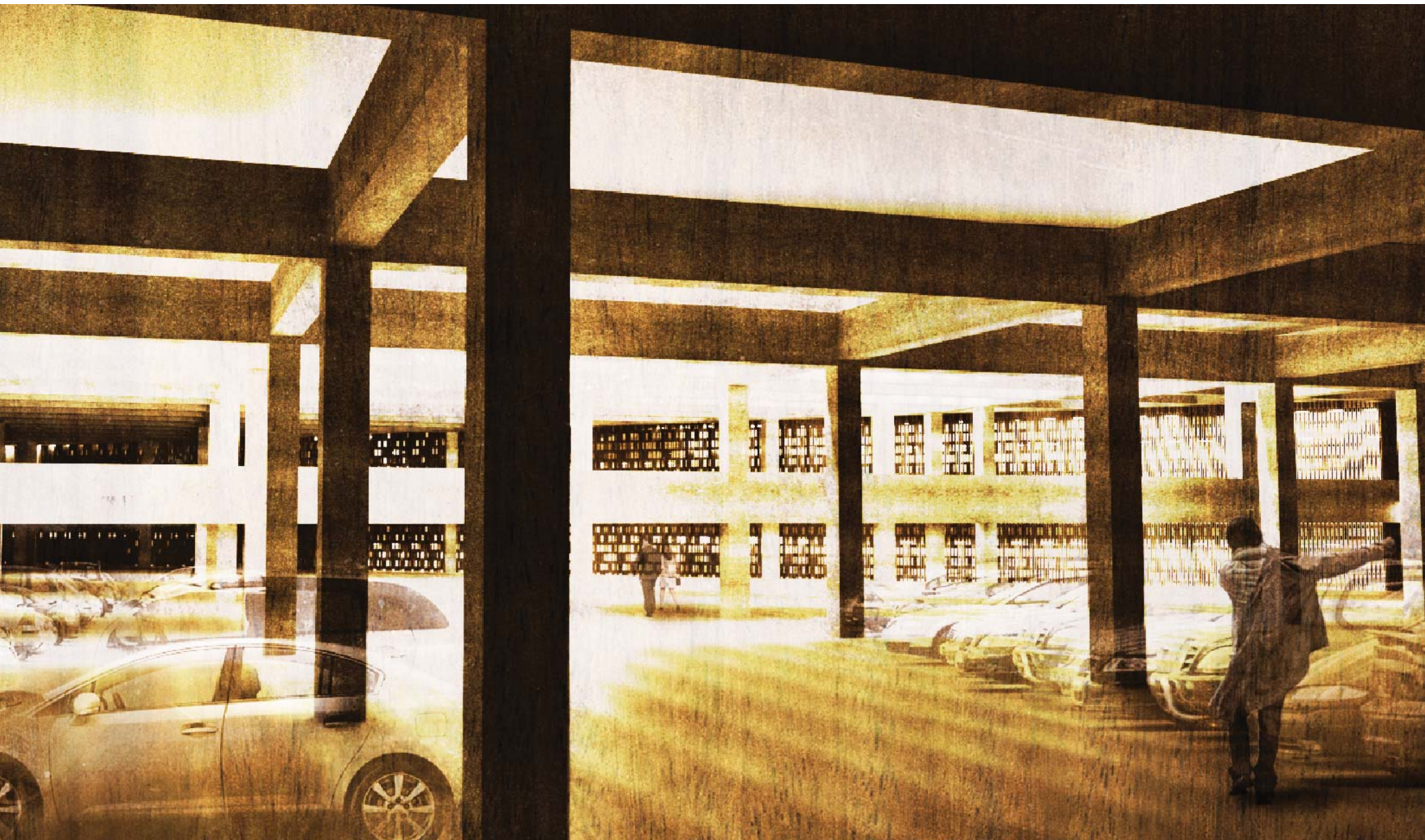


Below Transit Stop

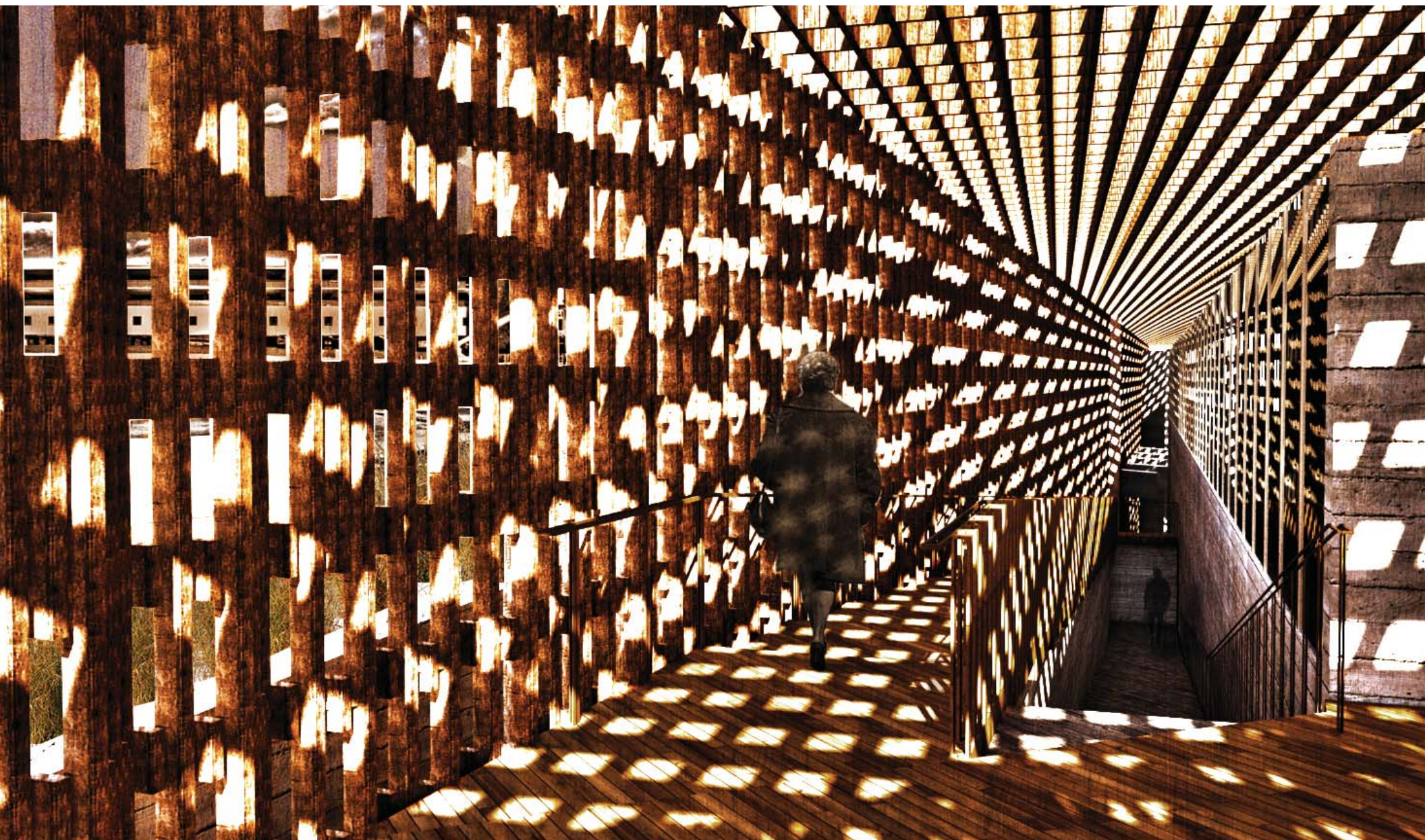


Site One: Architecture
Downtown Minneapolis





Parking Structure within the Cellar of the City



Enclosing into the Entrances of Public and
Private Space in Pockets of Light and Shadow

Transit Waiting Area



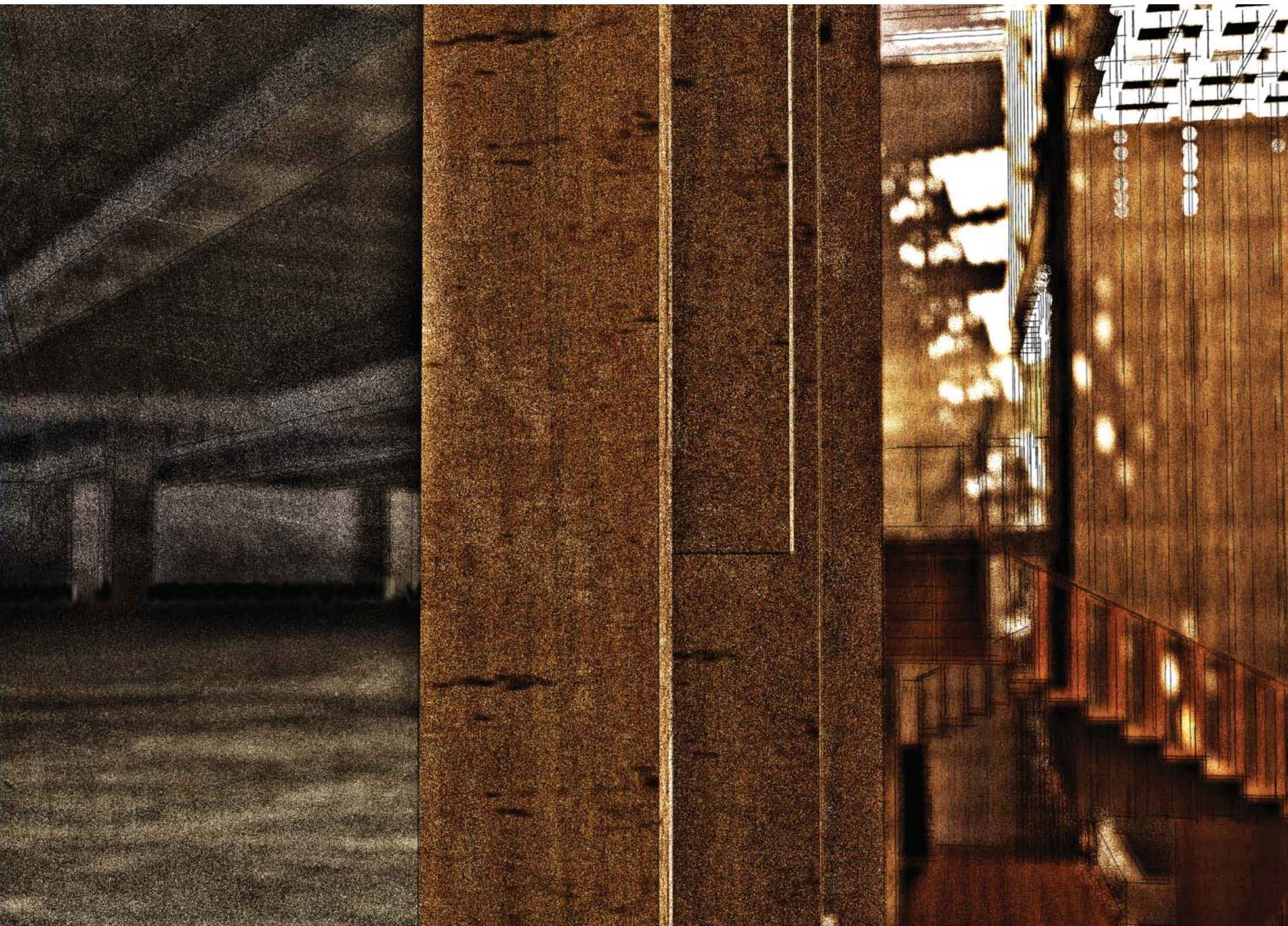
Bar Seating



Floating through Architectural Layers into
the Depths of the Exhibition Space



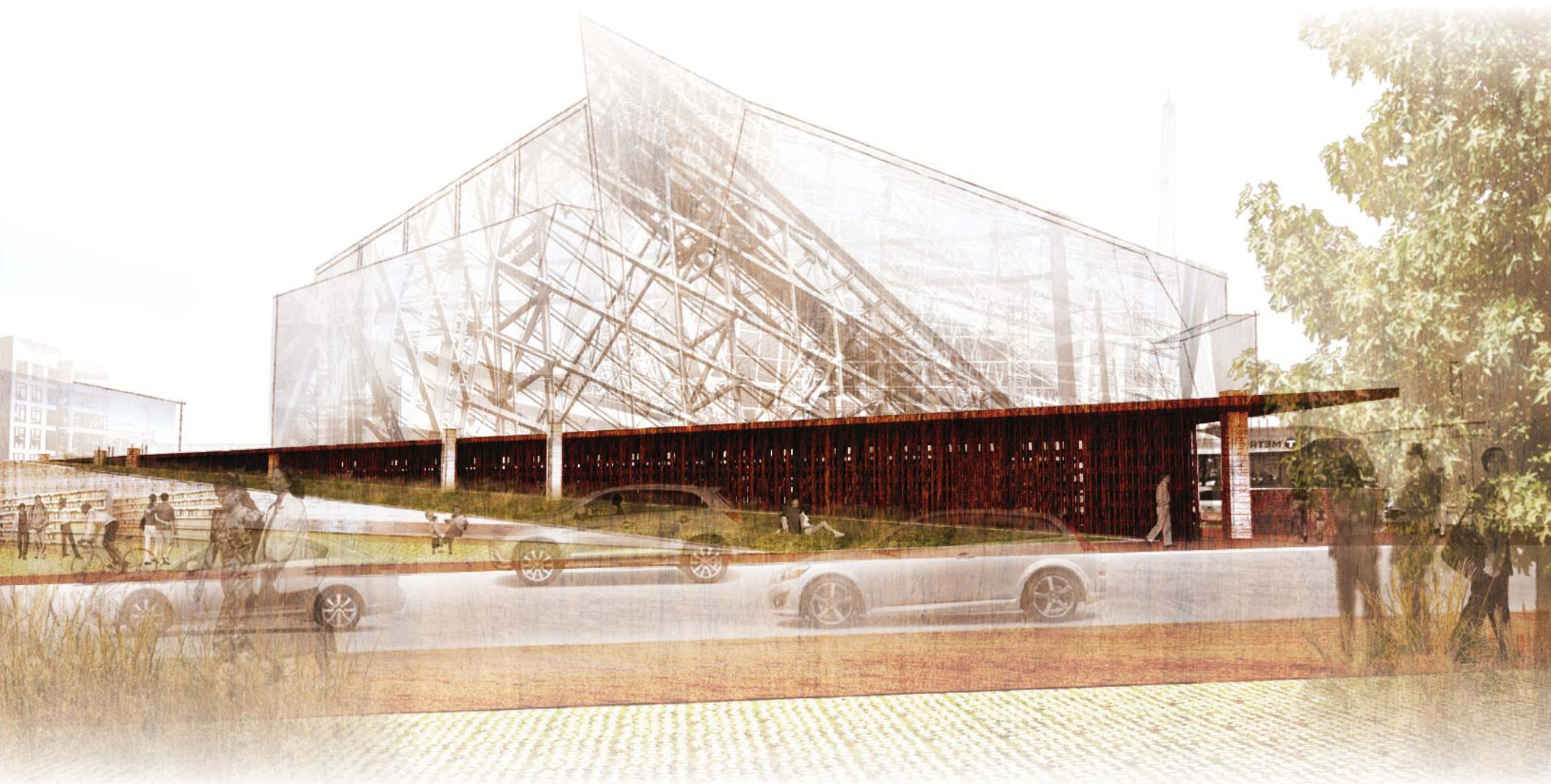
Experiencing Art from Above and Below in the
Hanging Exhibition Spaces



Artistic Section Through Parking Structure
into Exhibition Space



B e l o w t h e R a f t e r s o f t h e C i t y i n t h e
A u d i t o r i u m S p a c e



Site 1 Exterior

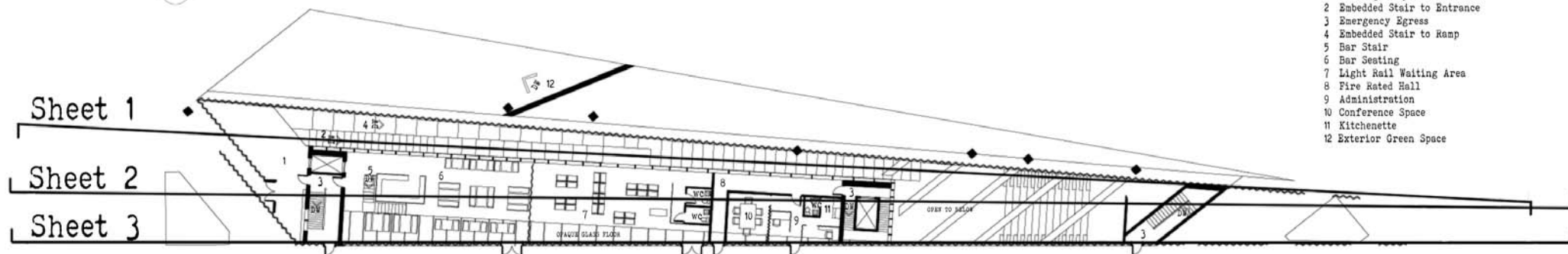
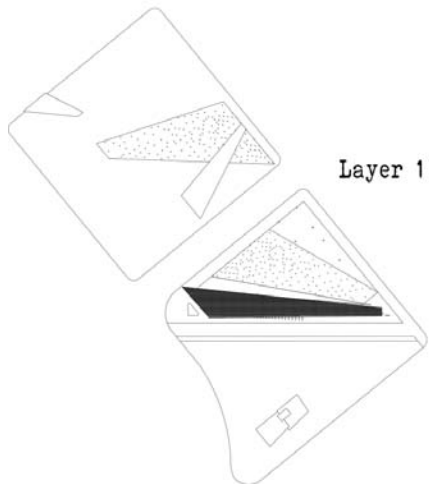
An architectural rendering of an exterior space. The scene is dominated by large, light-colored concrete or stone blocks and walls. A long, narrow, dark-colored walkway or ramp runs through the center, flanked by low walls. In the background, a cluster of white, multi-story buildings is visible under a clear sky. The overall aesthetic is clean and modern, with a focus on geometric forms and materials.

Site 2 Exterior

An architectural rendering of an underground study space. The room features walls and floors made of dark, vertical wooden planks. A large window on the right side shows a person's legs and feet resting on a white surface, possibly a desk or a ledge. In the foreground, an open book lies on the wooden floor, its pages fanned out. The lighting is soft and focused, creating a quiet and studious atmosphere.

Underground Study Spaces

Layer 1 Key Plan



Legend 1

- 1 Parking Ramp Entrance
- 2 Embedded Stair to Entrance
- 3 Emergency Egress
- 4 Embedded Stair to Ramp
- 5 Bar Stair
- 6 Bar Seating
- 7 Light Rail Waiting Area
- 8 Fire Rated Hall
- 9 Administration
- 10 Conference Space
- 11 Kitchenette
- 12 Exterior Green Space

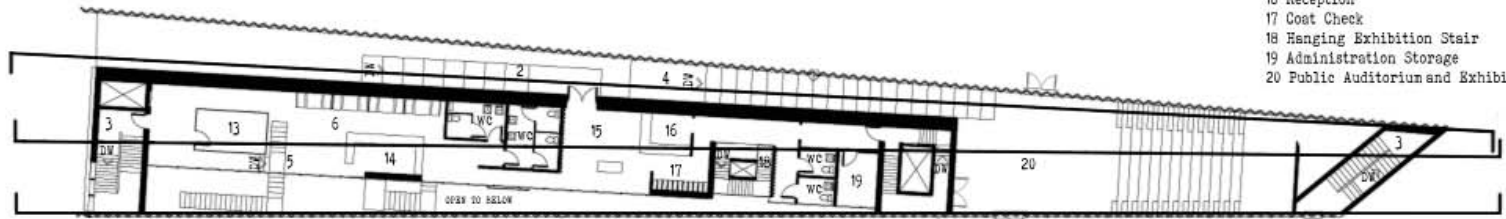
Layer 1



Layer 2 Key Plan

Legend 2

- 2 Embedded Stair to Entrance
- 3 Emergency Egress
- 4 Embedded Stair to Ramp
- 5 Bar Stair
- 6 Bar Seating
- 13 Water Exhibition Control Room/Bar Storage
- 14 Bar
- 15 Entrance
- 16 Reception
- 17 Coat Check
- 18 Hanging Exhibition Stair
- 19 Administration Storage
- 20 Public Auditorium and Exhibition Space

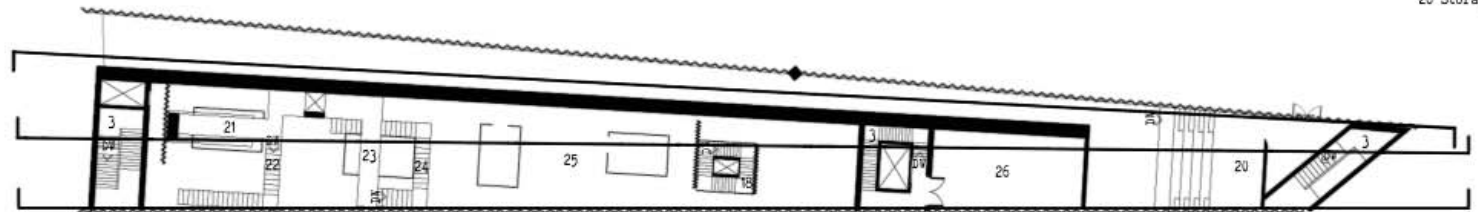


Layer 2

Layer 3 Key Plan

Legend 3

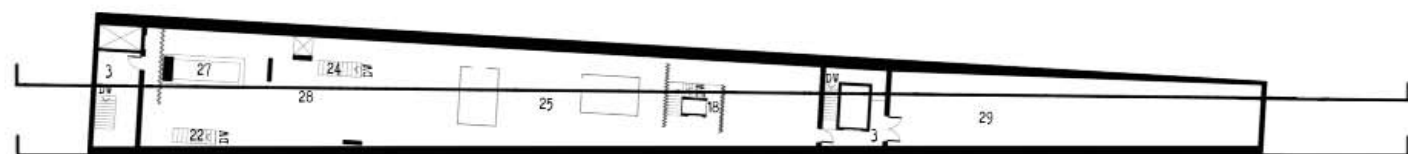
- 3 Emergency Egress
- 18 Hanging Exhibition Stair
- 20 Public Auditorium
- 21 Water Exhibition Attic
- 22 Water Exhibition Stair
- 23 Light Exhibition Attic
- 24 Light Exhibition Stair
- 25 Open Exhibition Space
- 26 Storage



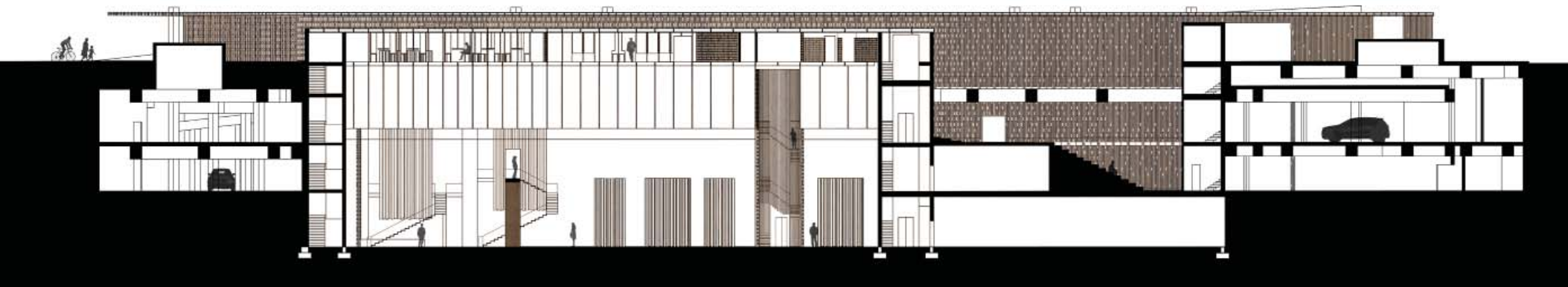
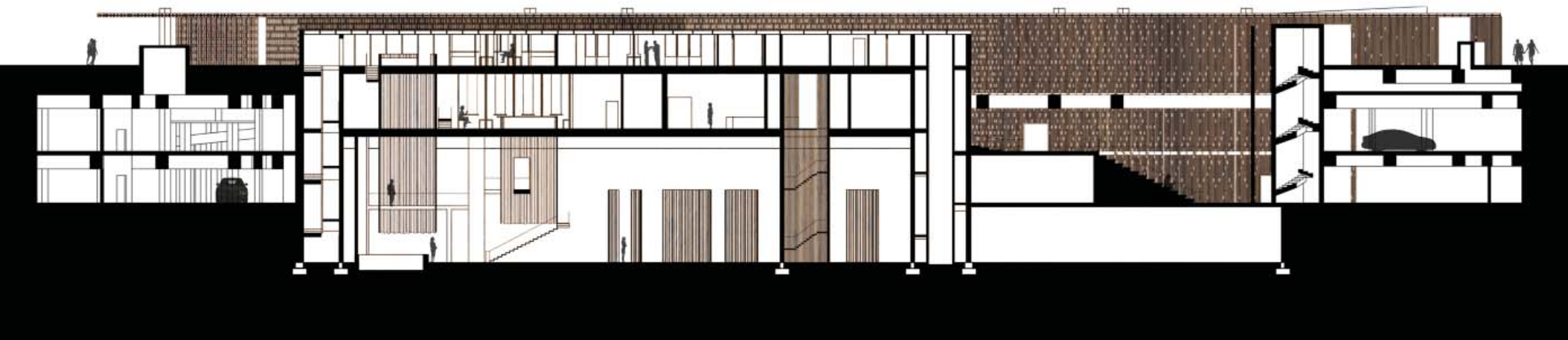
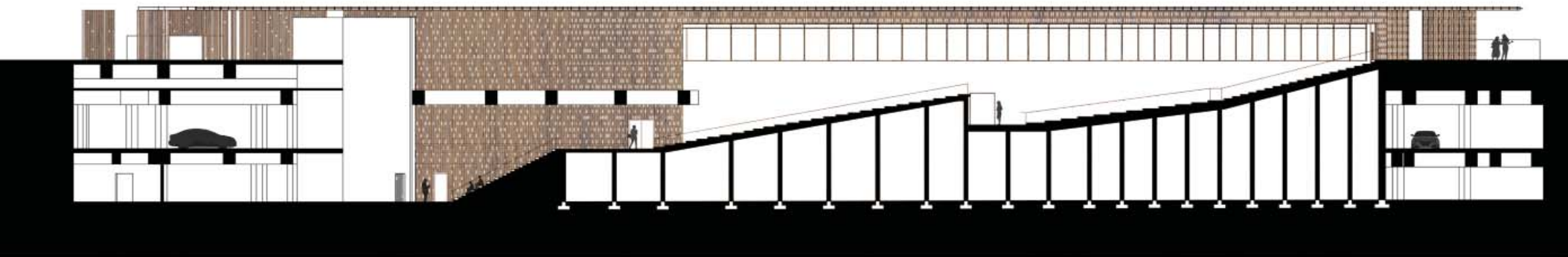
Layer 3

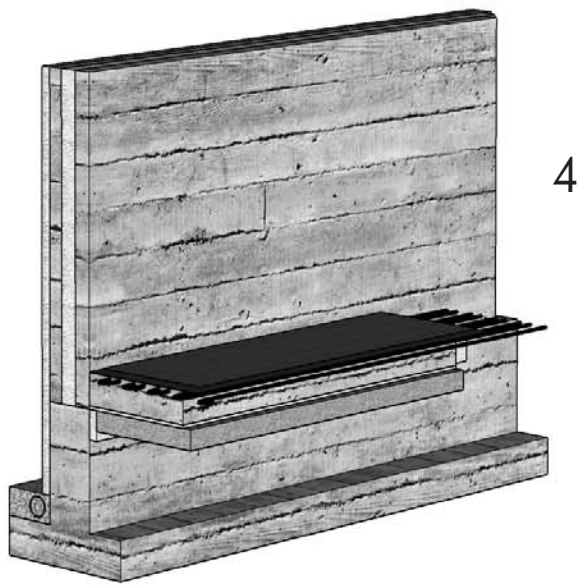
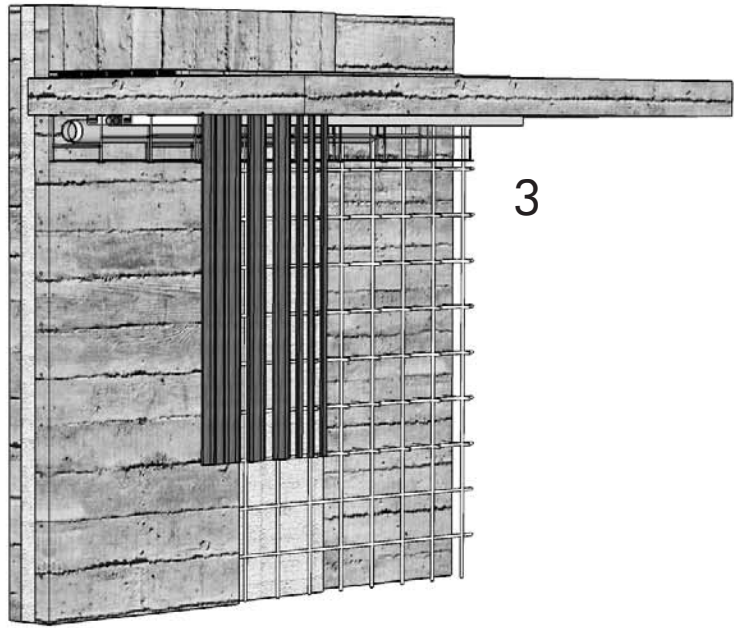
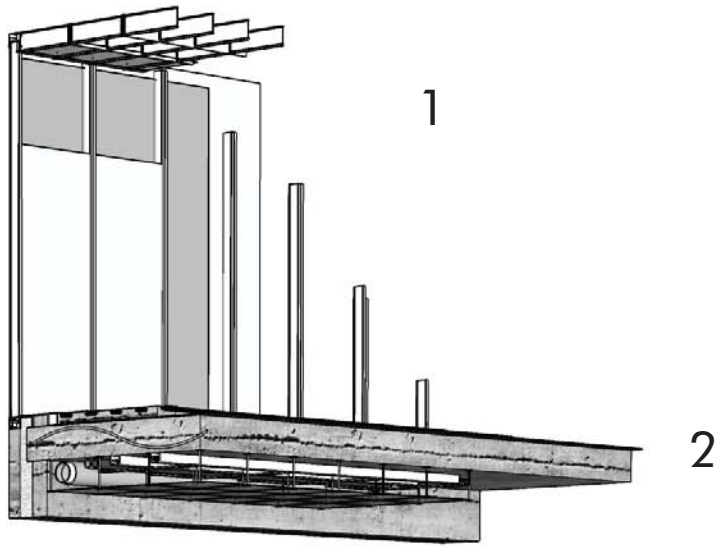
Legend 4

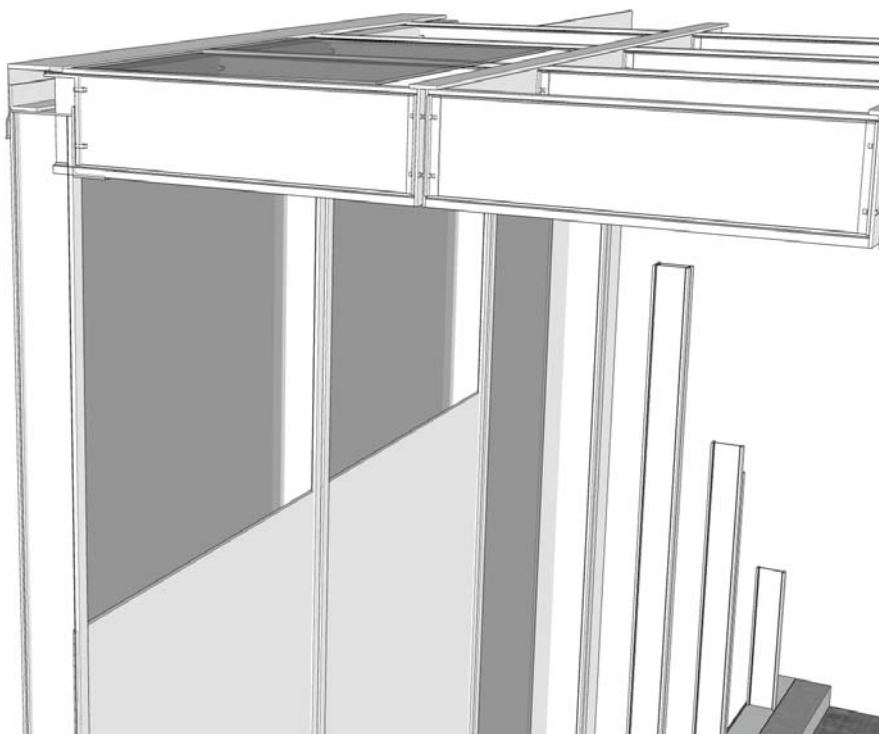
- 3 Emergency Egress
- 18 Hanging Exhibition Stair
- 22 Water Exhibition Stair
- 24 Light Exhibition Stair
- 25 Open Exhibition Space
- 27 Water Exhibition Cellar
- 28 Light Exhibition Cellar
- 29 Storage/Mechanical



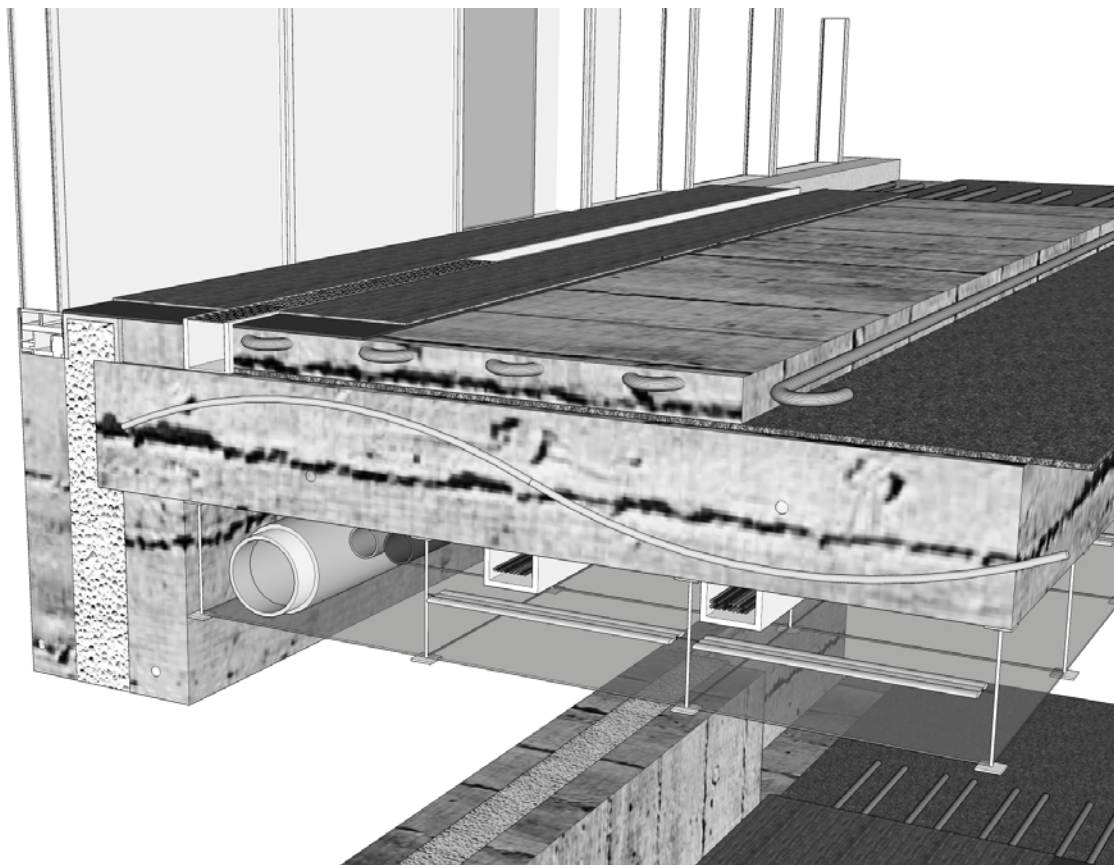
Layer 4







1



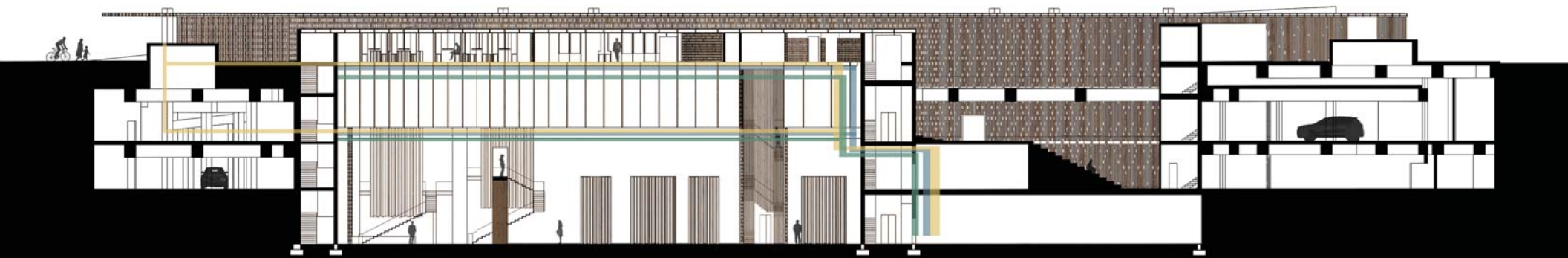
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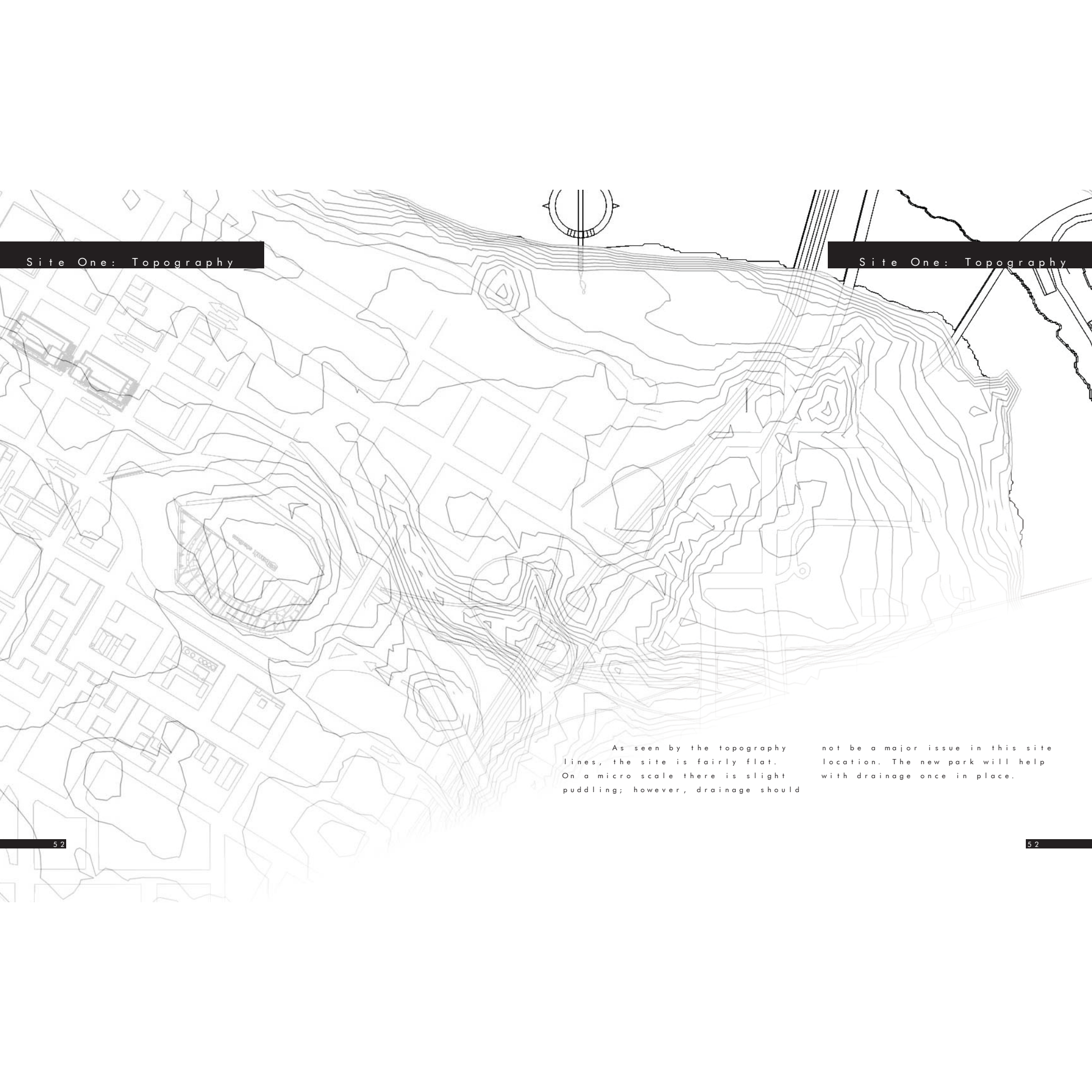


3



4





A topographic map of Site One, showing contour lines and building footprints. The map is oriented with North at the top. A north arrow is located at the top center. The contour lines are mostly horizontal and closely spaced, indicating a relatively flat site. There are several building footprints shown as solid black shapes, with some having internal details like windows and doors. The map is overlaid with a grid of streets and paths.

As seen by the topography lines, the site is fairly flat. On a micro scale there is slight puddling; however, drainage should

not be a major issue in this site location. The new park will help with drainage once in place.



summer

sunrise
5:26 am

09.23 March 21st 3PM

winter

26 sunrise
7:47 am

These sun studies were conducted using SketchUp. The buildings surrounding the site do not cast a large shadow. Development on the south west side of the site may change if a planned development occurs; however, the site will never experience a shadow from another building on the west due to the new park development. The Vikings Stadium's shadow does not reach the site. Overall, the site has great access to sunlight. Natural daylight will be directed into the space in a controlled manner. The canopy from the transit station casts a minimal shadow on the site. Possibly integrating the transit station design into the site may provide a strong connection between it and the station.

June 21st 9am

240° sunset
Sun Path Diagram

September 21st 9am

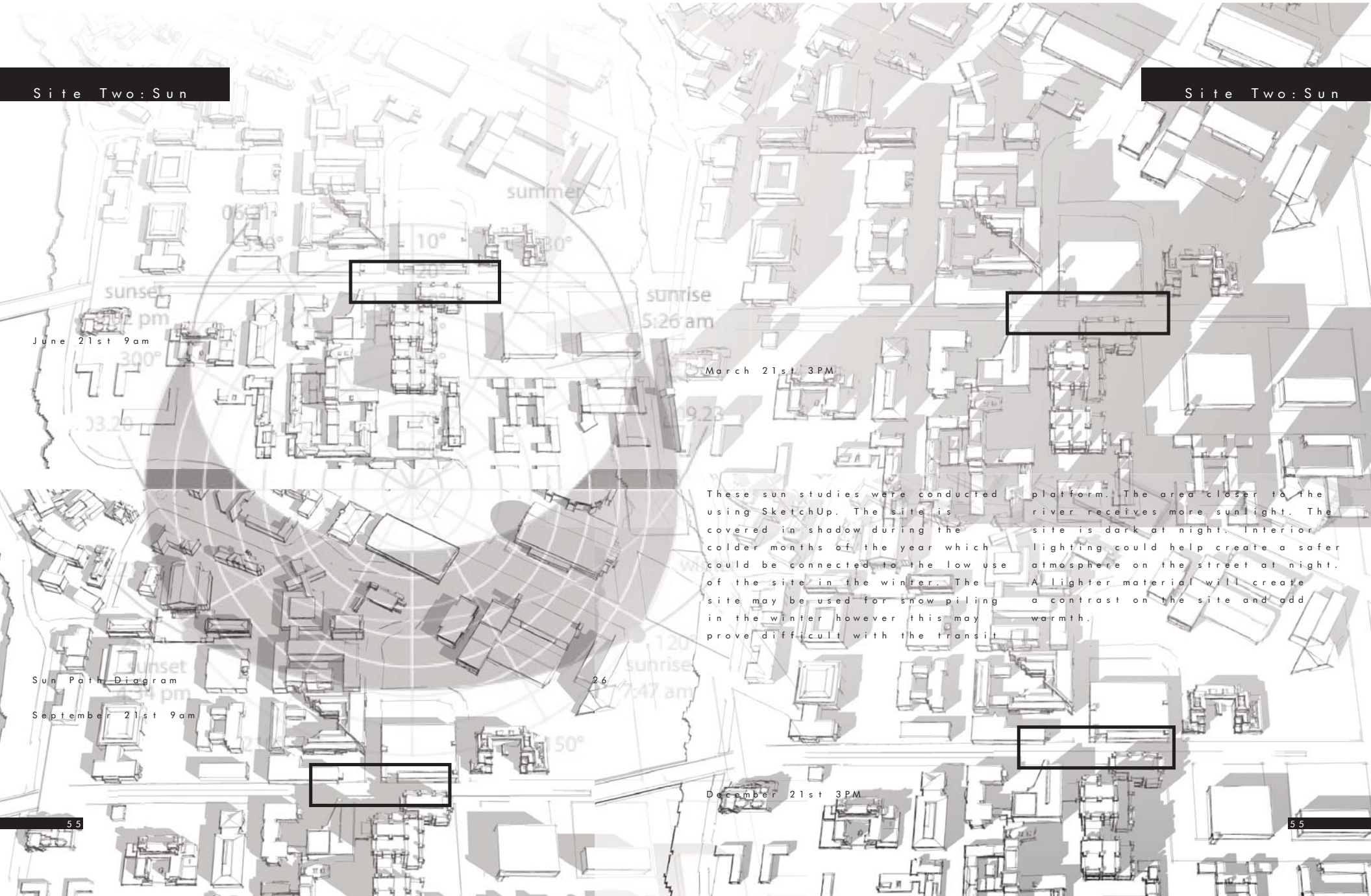
December 21st 3PM



Site One: Topography

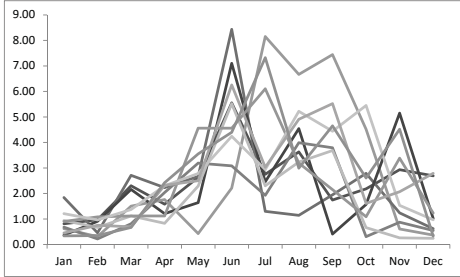
Site One: Topography

Site two should not experience a drainage problem. The current site is covered in permeable pavers, but the sidewalks are not. Meaning, the site currently absorbs most of its water instead of distributing it into the city drainage system. Part of the site could be used for snow placement in the winter time to open up the roadway.



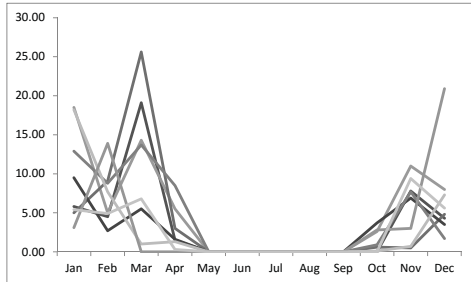
Site: Climate

Annual Precipitation Per Month (in)



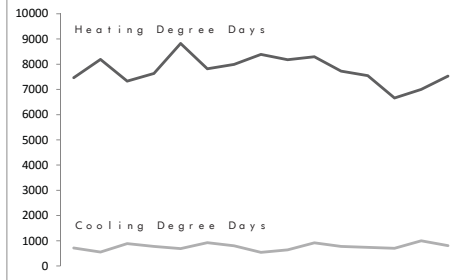
1880-2015 (Ten Year Increments til 2010)

Annual Snow in Inches



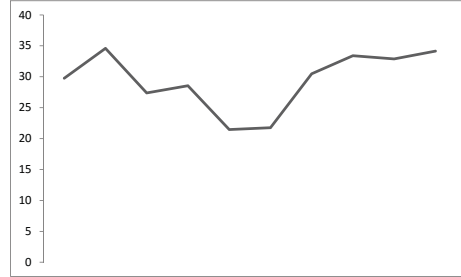
1880-2015 (Ten Year Increments til 2010)

Annual Heating & Cooling Degree Days



1800-2015

Annual Precipitation



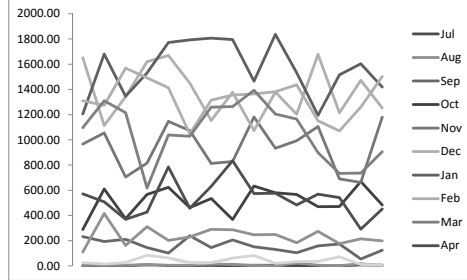
1880-2015

Average Annual Temperature (F)



1880-2015

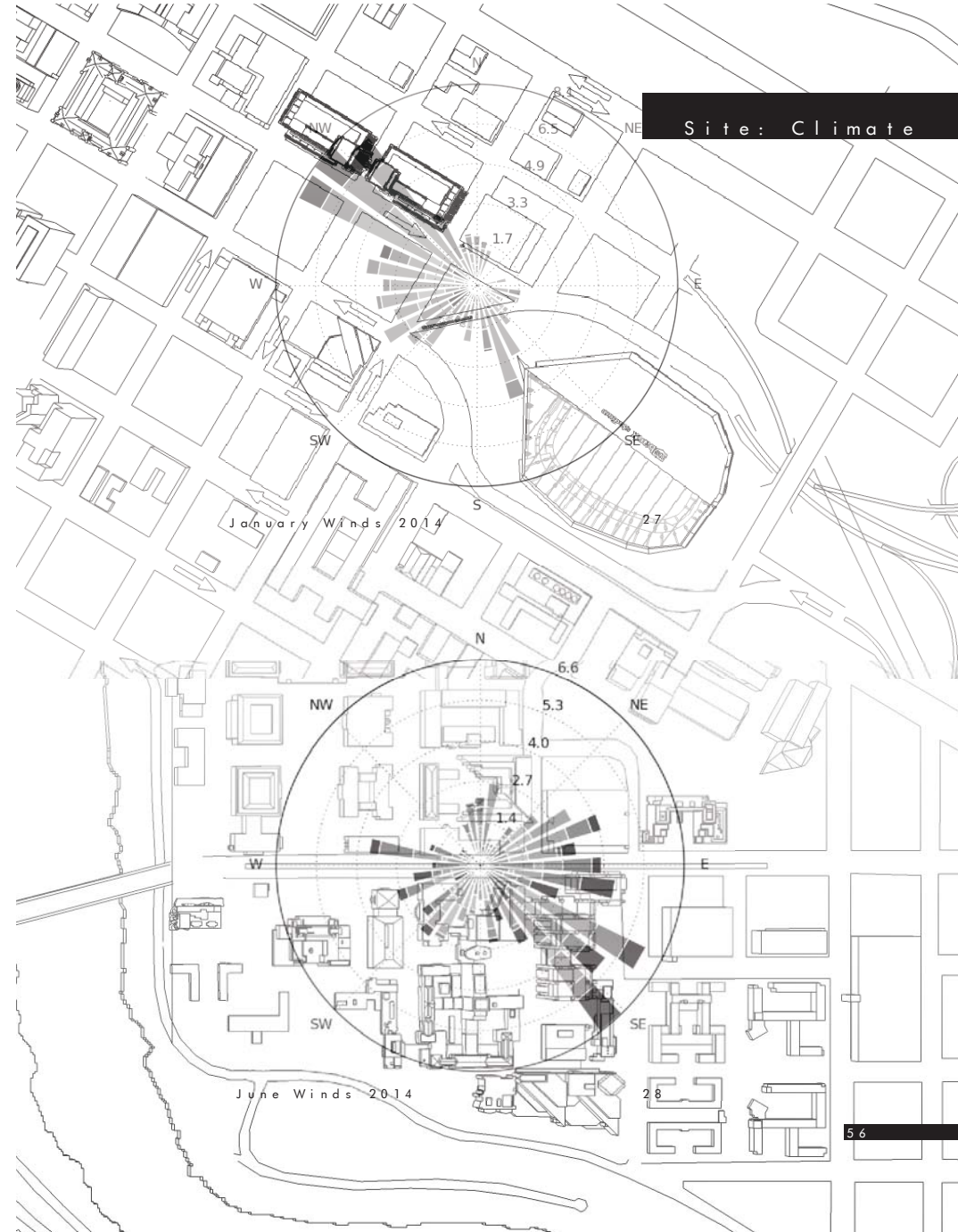
Average Heating Degree Days

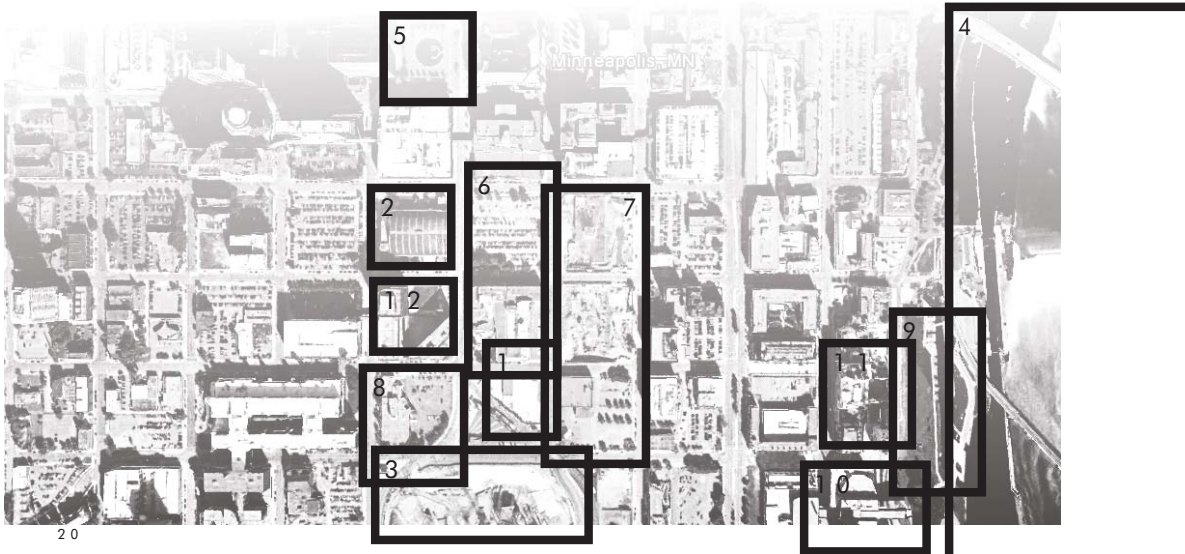


1880-2015 (Ten Year Increments til 2010)

The sites receive snow in the winter and moderate amounts of rain in the spring and summer months. Minneapolis has a large amount of heating degree days meaning larger amounts of insulation. The envelope of the build will be crucial in creating a comfortable space. Summer months are less of a concern; however, the architecture will need to include a form of natural shading. A micro-climate may occur due to the distance between the site and the Mississippi River, meaning the humidity may vary and the wind may be stronger.

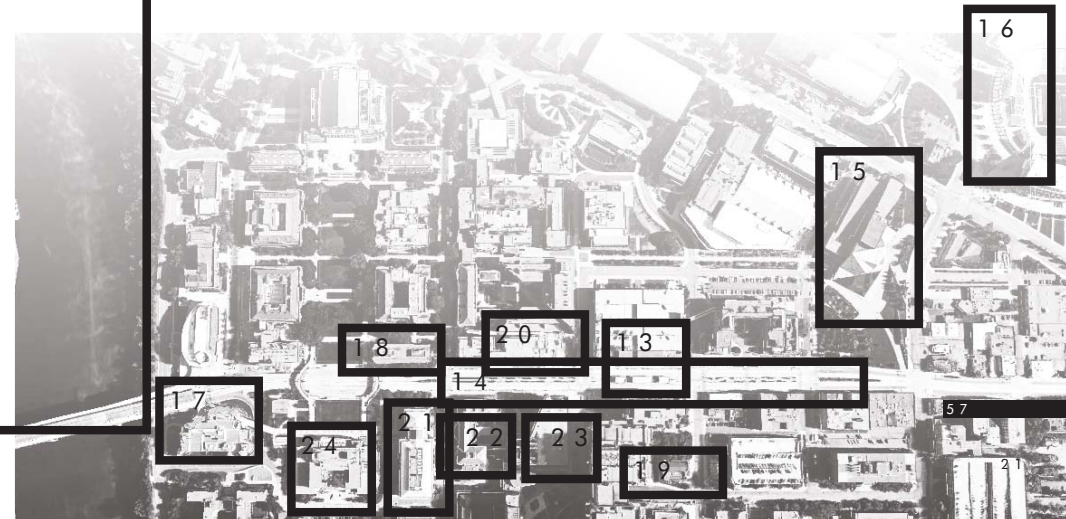
Site: Climate

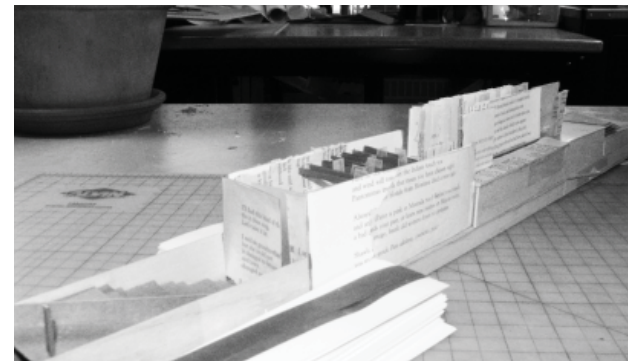
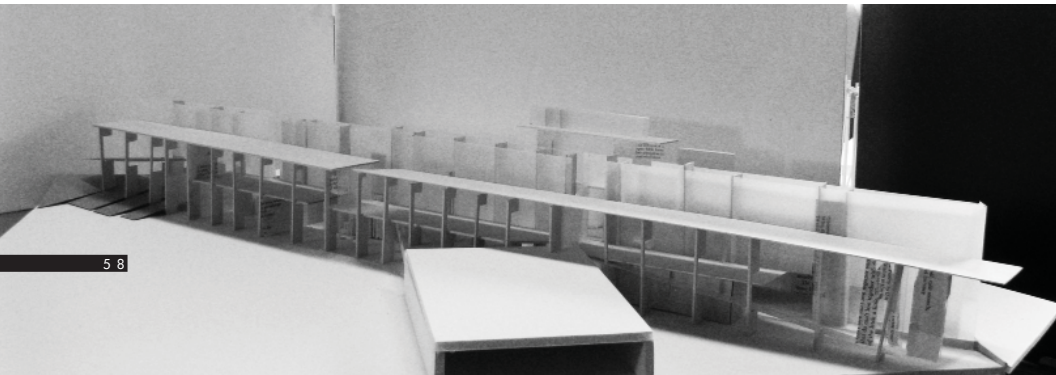
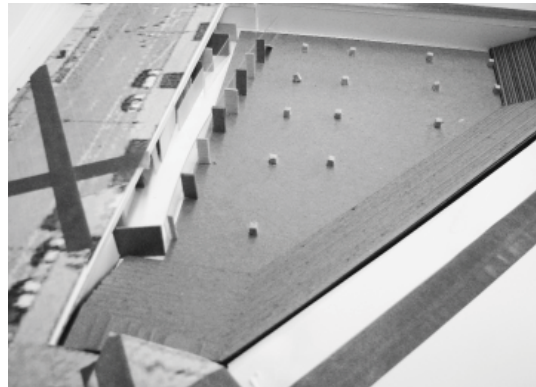
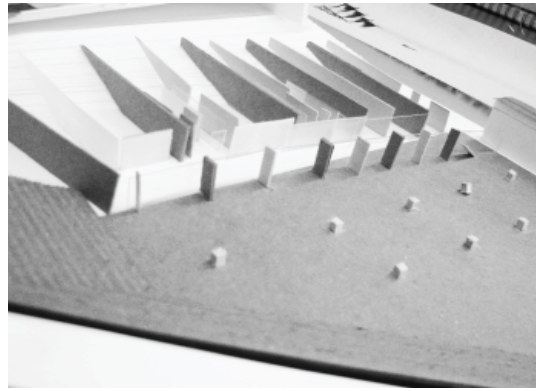
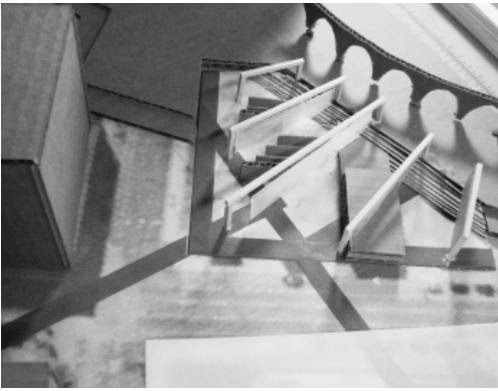




- 1- Site Location Next to Downtown East Platform
- 2- Old Armory (Currently Being Restored)
- 3- New Vikings Stadium Location
- 4- Mississippi River: St. Anthony Falls
- 5- Government Center Plaza
- 6- New Park Construction (Under Demolishment)
- 7- New Residential Towers & Parking Ramp
- 8- Future Development Site
- 9- Mill City Ruins
- 10- Guthery Theatre
- 11- Mill City Museum

- 12- Government Run Buildings
- 13- East Bank Station
- 14- Site Location
- 15- McNamara Alumni Center
- 16- TCF Bank Stadium
- 17- Weisman Art Museum
- 18- Ford Hall
- 19- Grace University Luthern Church
- 20- Dept. of Chemical Engineering and Material Science
- 21- Lillehei Heart Institute
- 22- Jackson Hall
- 23- Molecular & Cellular Biology





Modeling making has played a major role in the development of the final architecture. A series of models were made for each site location. Alternating between sites allowed for the project to grow in an extremely unique way.

