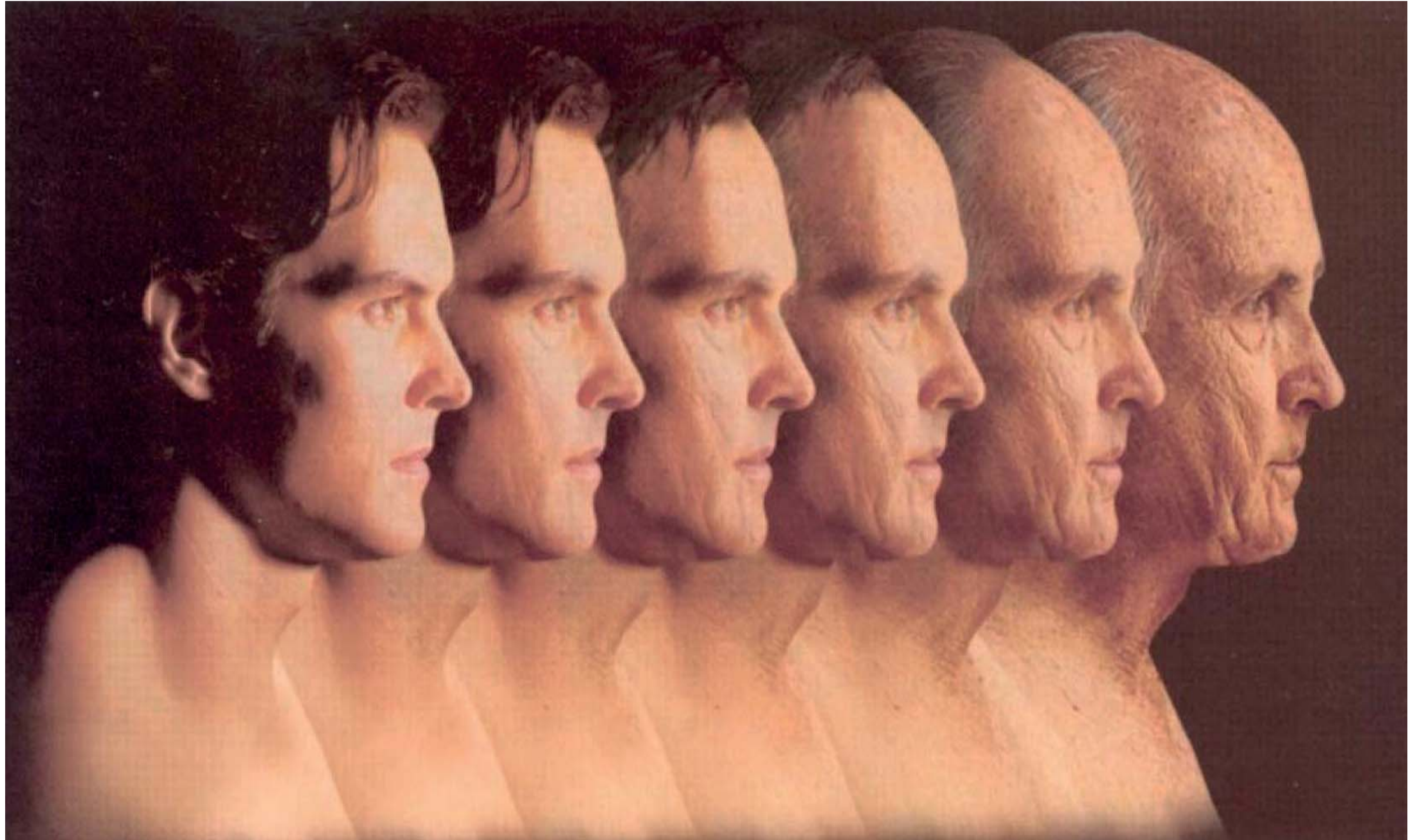# Re-generation

Arch 593 Master Project
Professor Susan Conger-Austin

Sung

Main Statement

As the dramatic economic development in Korea brought more people to cities, families spread out and people had no local, extended family to fall back upon when they were in need.
The result was a growing number of single and widowed people who had no one to take care of them in their old age. However, People have become restless, naive and careless about other people's needs—especially their old relatives and folks. That's when the problems occur.

Therefore, I want to make the senior center to allow the elderly to discover new places and new uses for them, to watch the activities of others between social spaces that can promote interaction among users, and to exercise like care services itself along the dynamic circulations. I also make the massing of the building that act as a landmark to bring the excitement of the welfare center not just to the users but also to passersby for regenerating people and the context as well.

Case Statement

The number of older persons has tripled over the last 50 years; it will more than triple again over the next 50 years - UNPD -
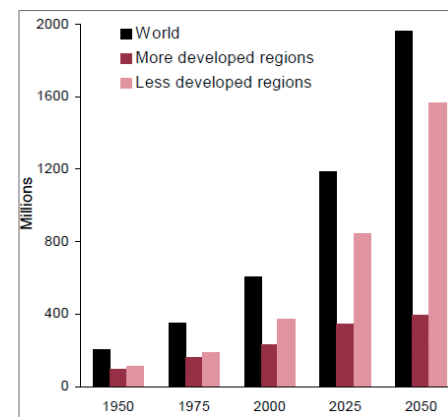
In 1950, there were 205 million persons aged 60 or over throughout the world (figure 1). In 2000, the number of persons aged 60 or over increased about three times to 606 million, and the number of countries with more than 10 million people aged 60 or over increased to 12, including 5 with more than 20 million older people.

Over the first half of the current century, the global population 60 or over is projected to expand by more than three times to reach nearly 2 billion in 2050 (figure 2).

(Figure 1)

Population aged 60 or over: world and development regions, 1950-2050

(Figure 2)
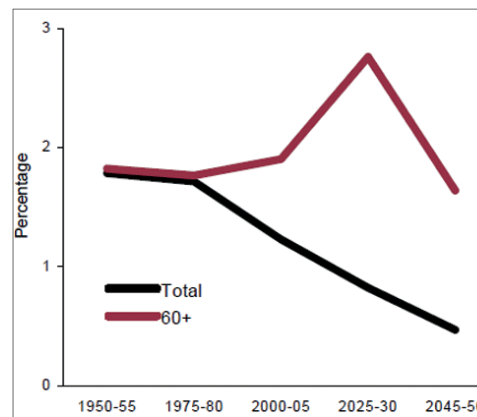
Average annual growth rate of total population and population aged 60 or over: world, 1950-2050

The older population is growing faster than the total population in practically all regions of the world-and the difference in growth rates is increasing - UNPD -

In the period 1950-1955, the global average annual rate of increase in the number of persons aged 60 years or over was only slightly higher than the rate for the total population (both around1.8 per cent) (figure 2).

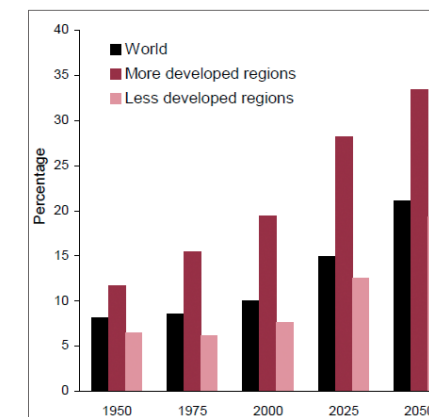**More developed regions have relatively high proportions of older persons - UNPD -**

The more developed countries are in general in a more advanced stage of the demographic transition; thus, the proportions of older persons there are projected to remain significantly higher than the proportions in the less developed regions well into the twenty-first century. Almost one fifth of the population in the more developed regions, but only 8 per cent in the less developed regions, was aged 60 or older in 2000, up from 12 per cent and 6 per cent respectively in 1950 (figure 3).

(Figure 3)

Proportion of population aged 60 or over: world and development regions, 1950-2050
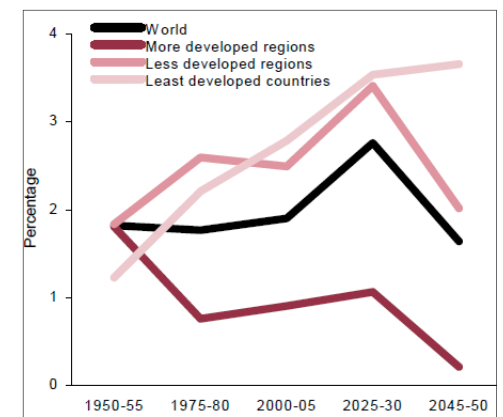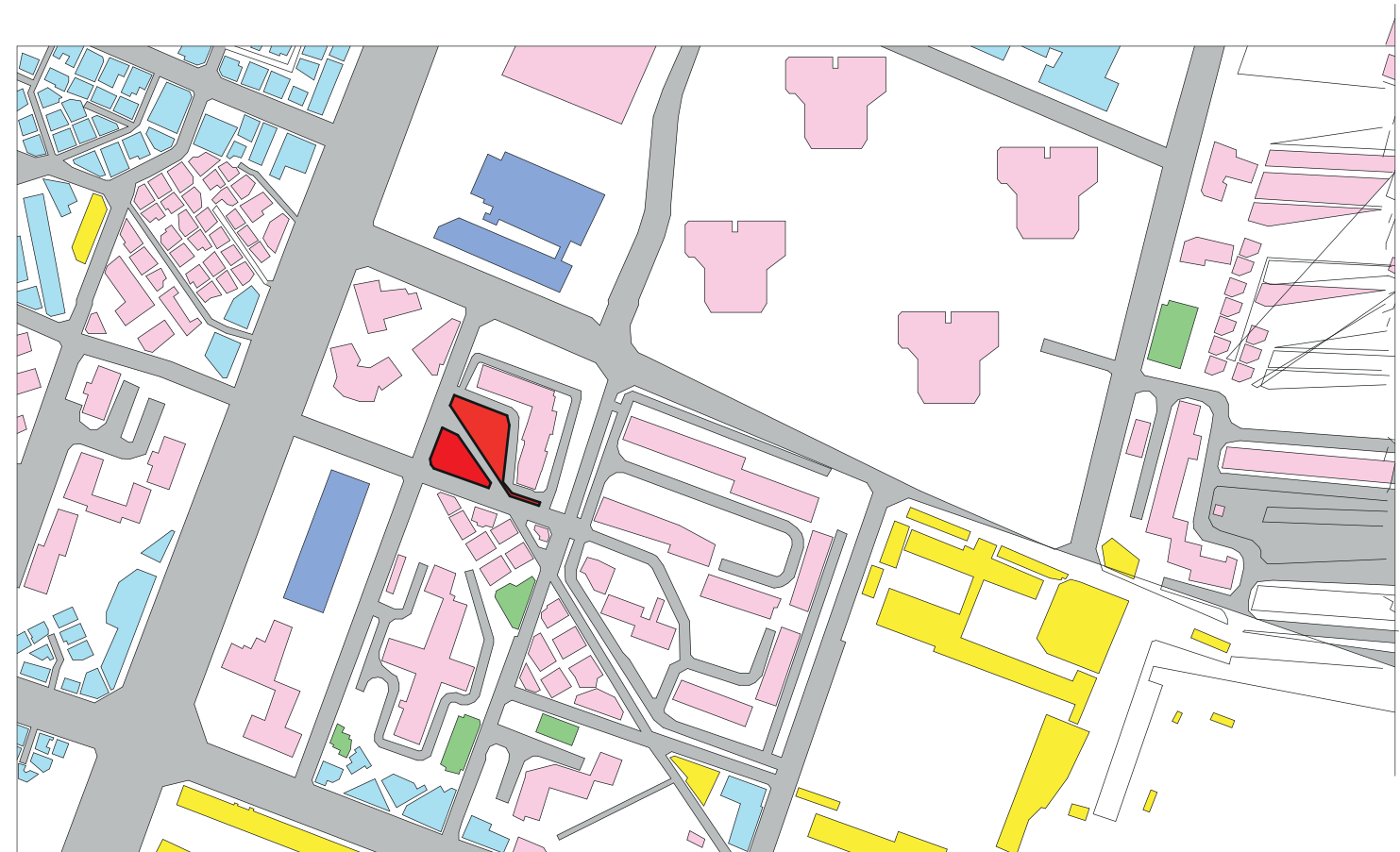
(Figure 4)

Average annual growth rate of population 60 or over: world and development regions,1950-2050

Rapidly aging populations are threatening the economies of many countries, but some are experiencing the effects faster than others.

In the next few decades, the over-60 demographic is expected to grow to compose more than ten percent of populations in many nations around the world, according to the European Commission's population projections. However, South Korea will experience that growth at a much faster pace.

Commercial

University

Hospital

건국대학교
민락호

1/4 Miles

1/2 Miles
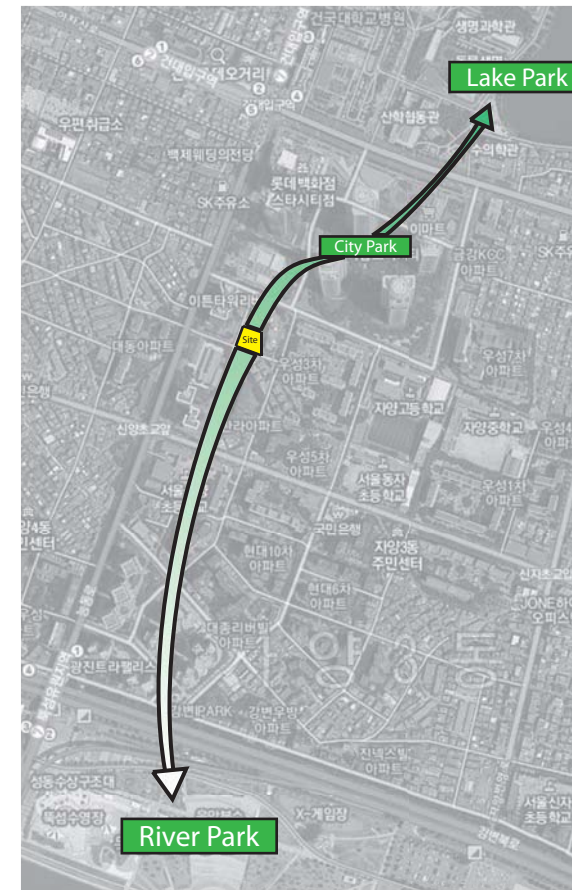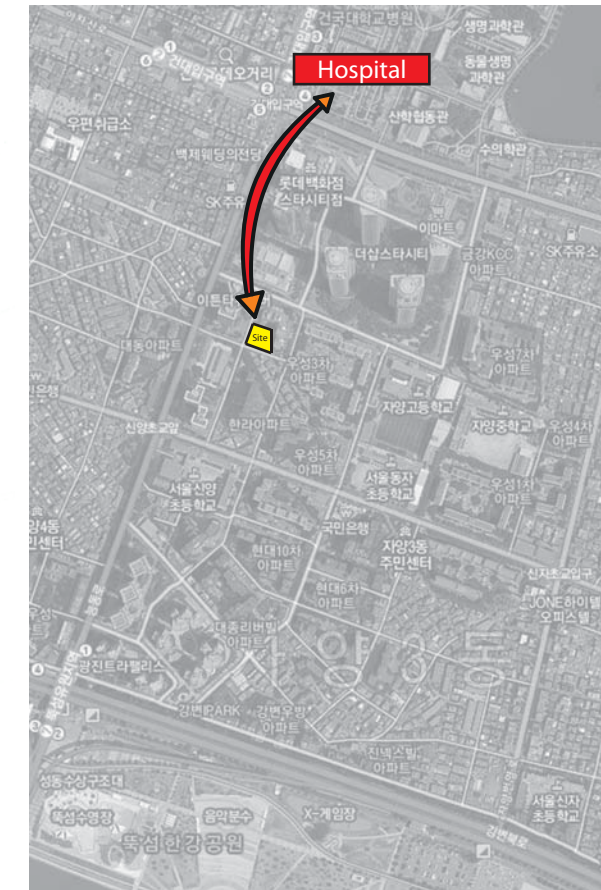
A

Highway

Park

River

N

Figure/Ground

Site

Residential

Commercial

Educational

Institutional

Religious
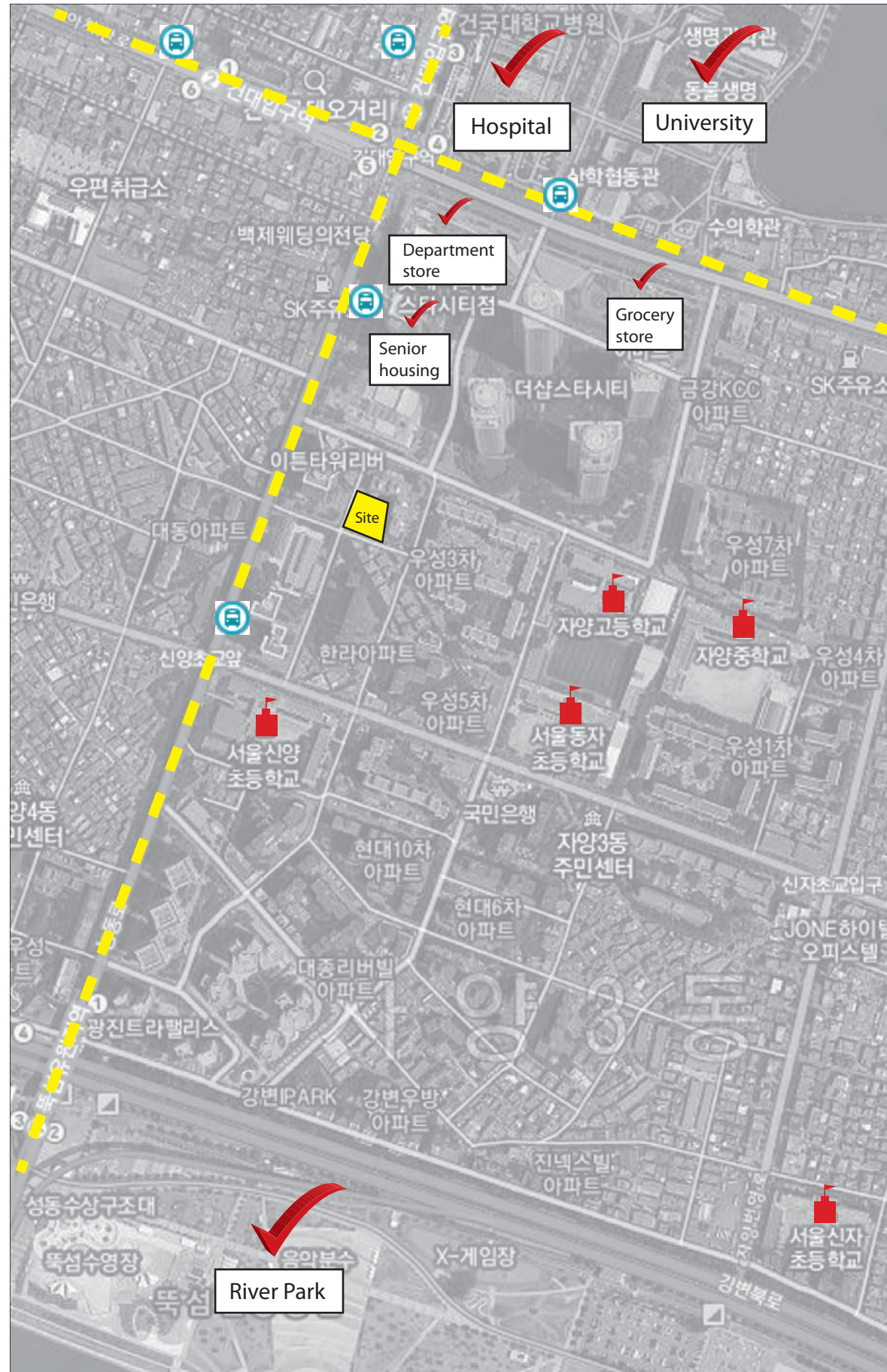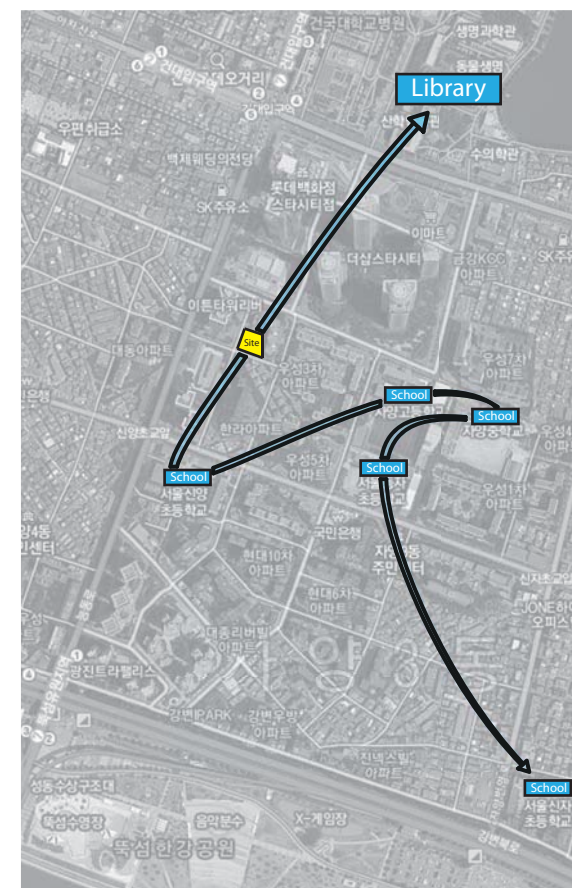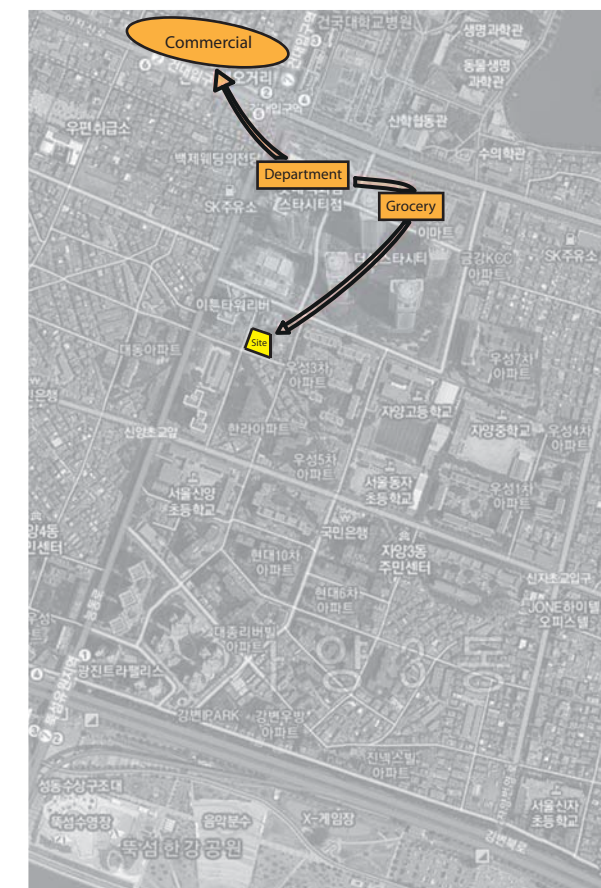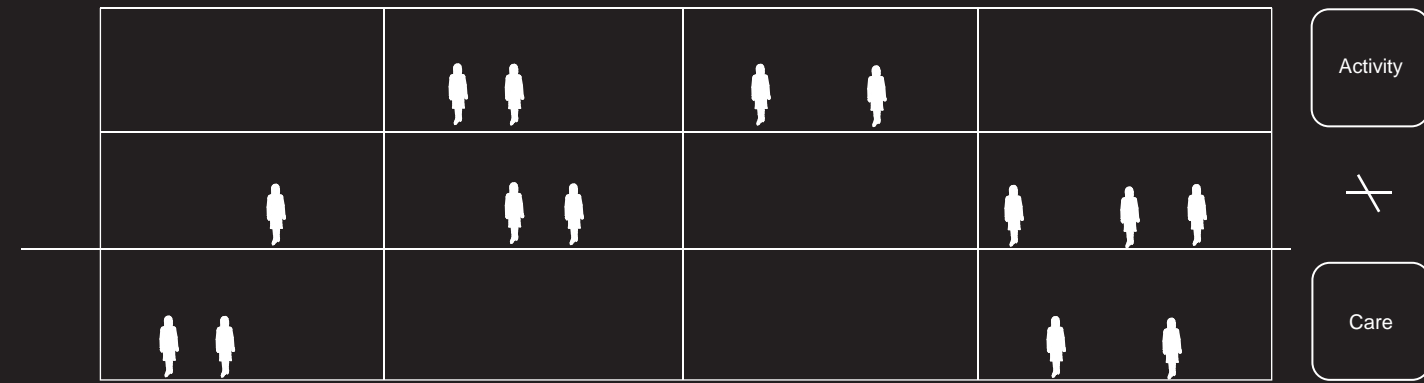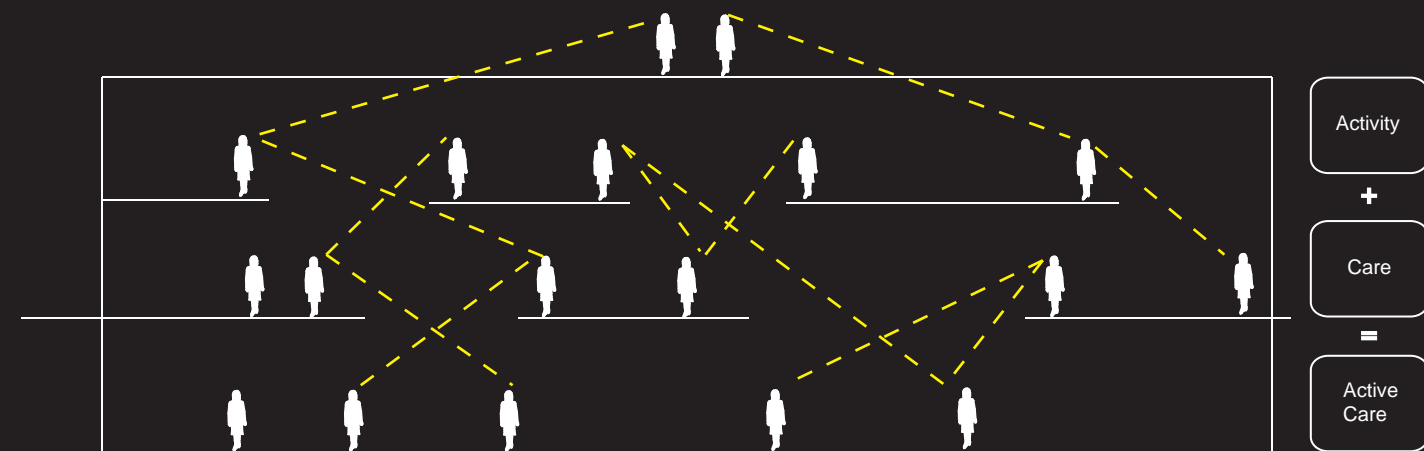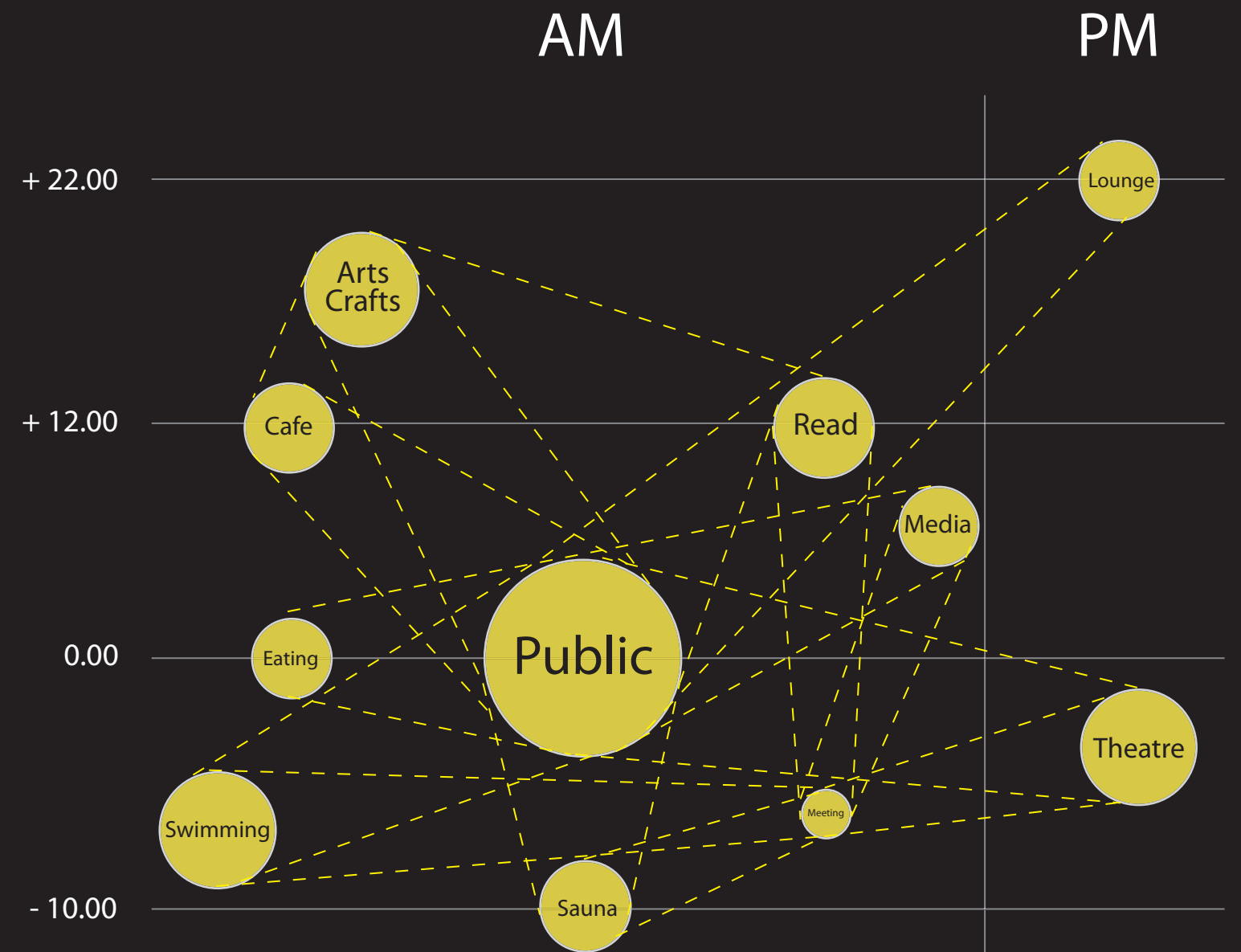
Site Nodes

Green Flow

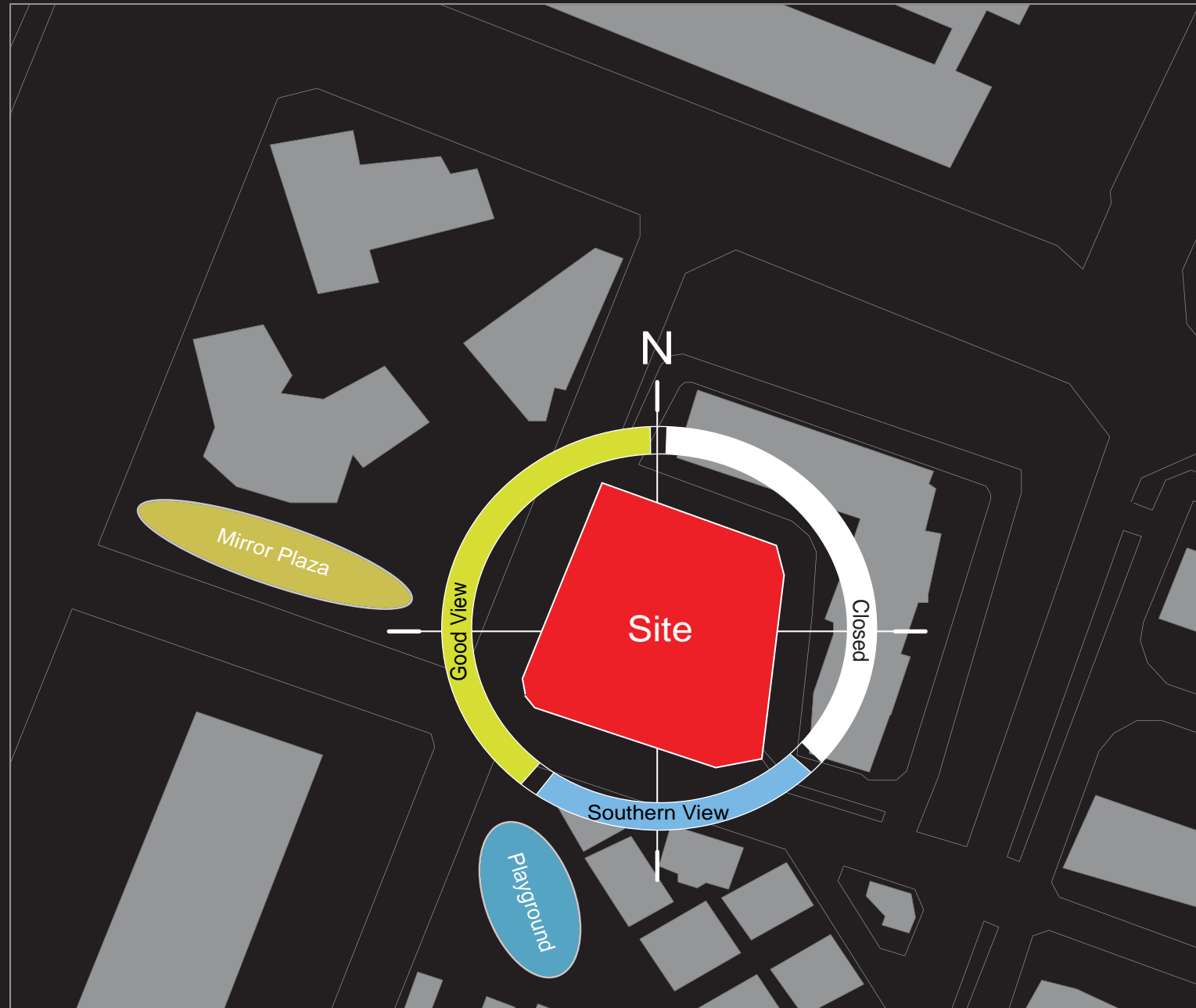Care-service Flow

Educational Flow

Commercial Flow

Conventional

Activity

✕

Care

Interactive

Activity

+

Care

=

Active
Care

AM

PM

+ 22.00

+ 12.00

0.00

- 10.00

Arts
Crafts

Cafe

Read

Media

Eating

Public

Lounge

Swimming

Meeting

Theatre

Sauna

Interactive Activity

View

N

Mirror Plaza

Good View

Site

Closed

Southern View

Playground

Site strategy

Heavy traffic

New development

Old street

Access

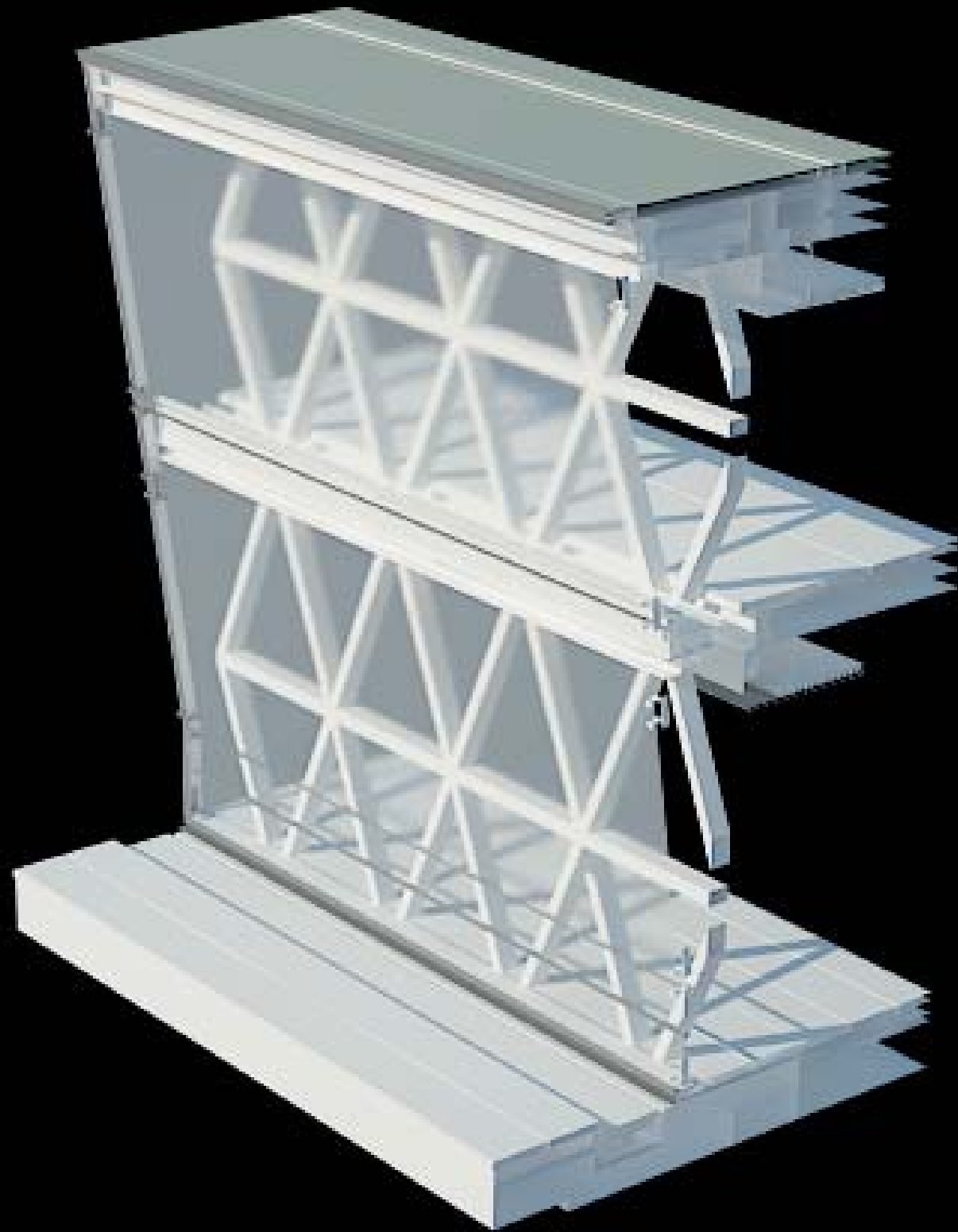N
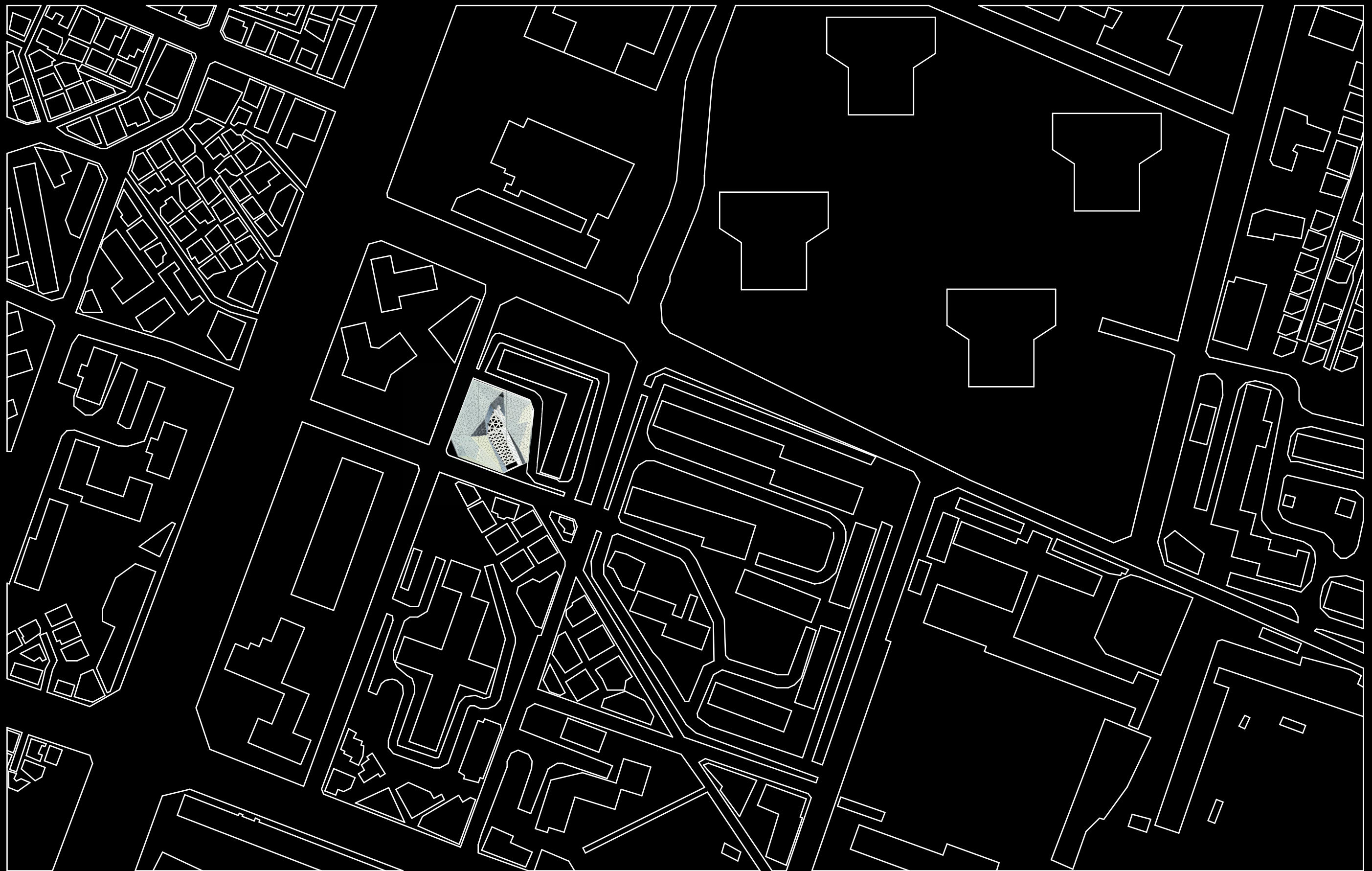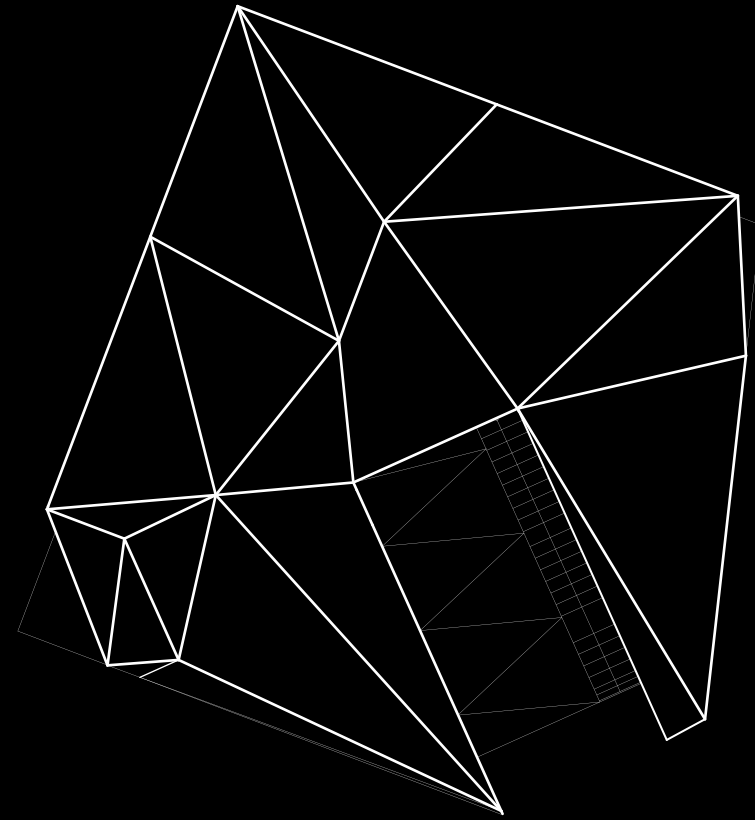
Roof plan

Second floor plan

Ground floor plan

Basement floor plan
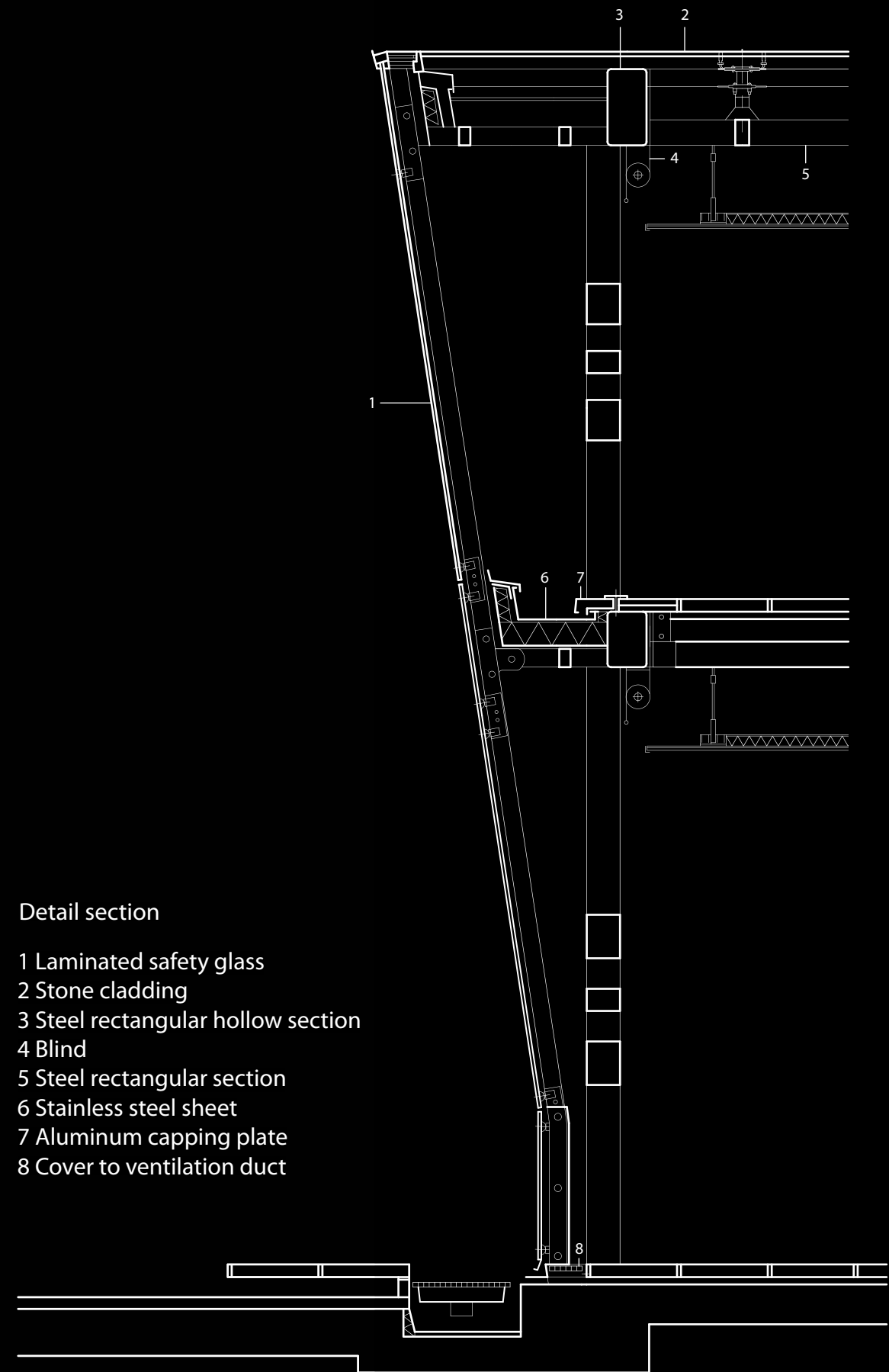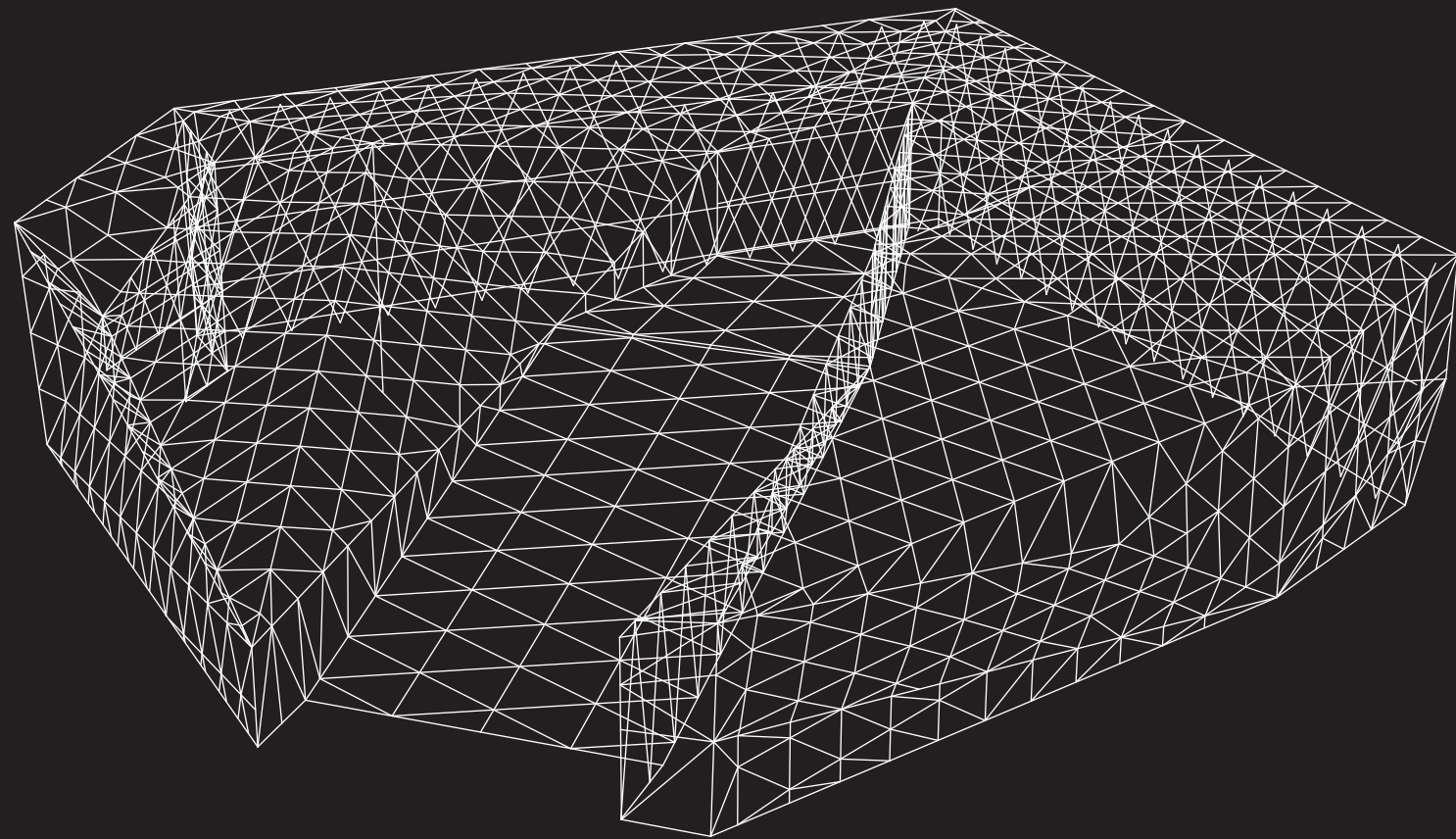
N

Crafts

Roof deck

Green roof

Cafe

Information center

Library

Swimming pool

Lobby

Meeting area

Auditorium
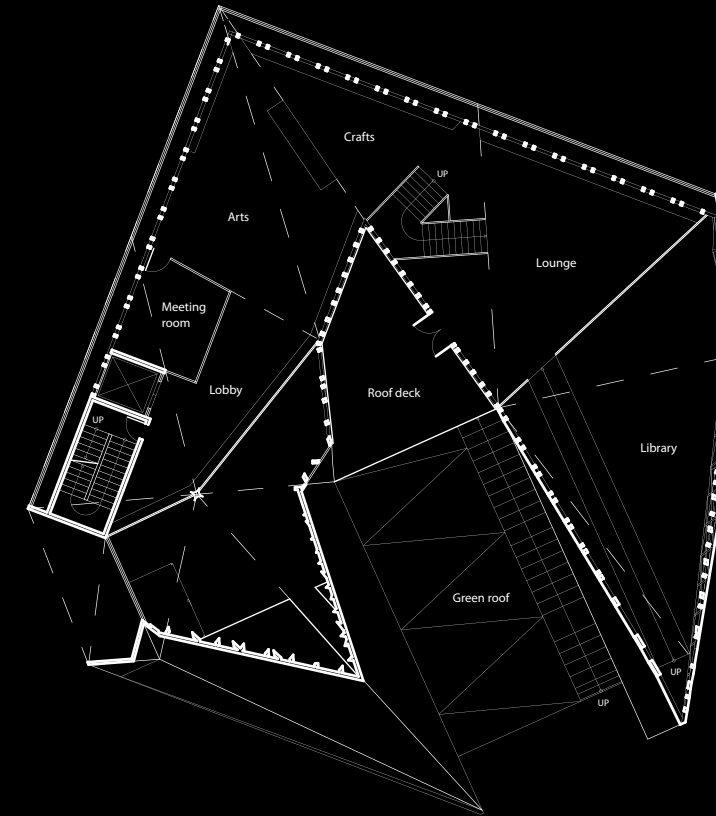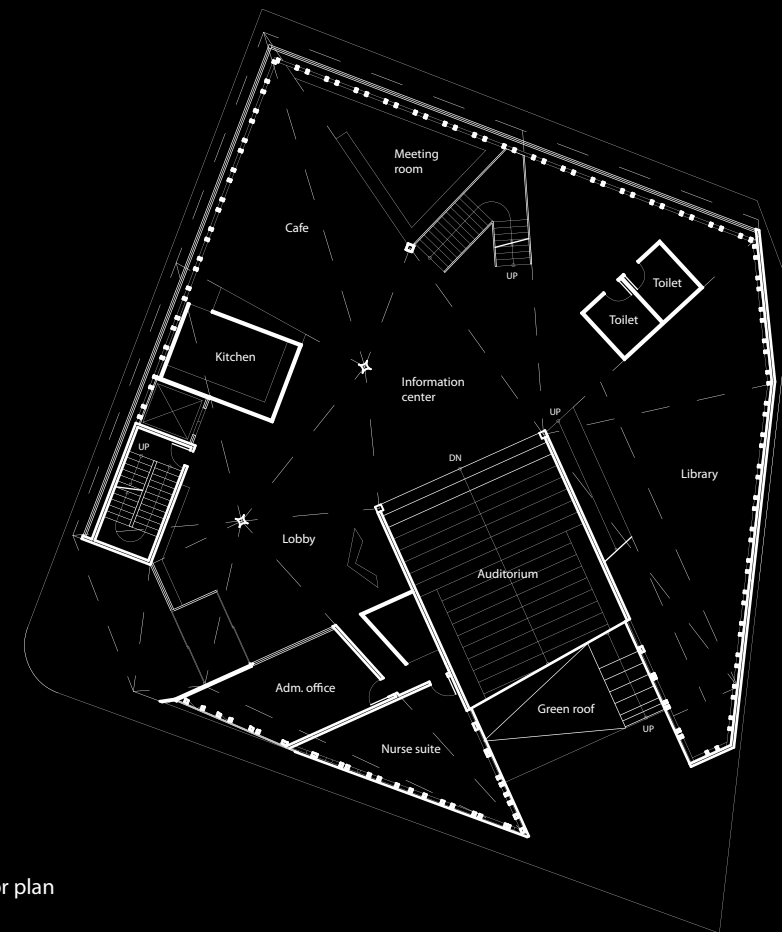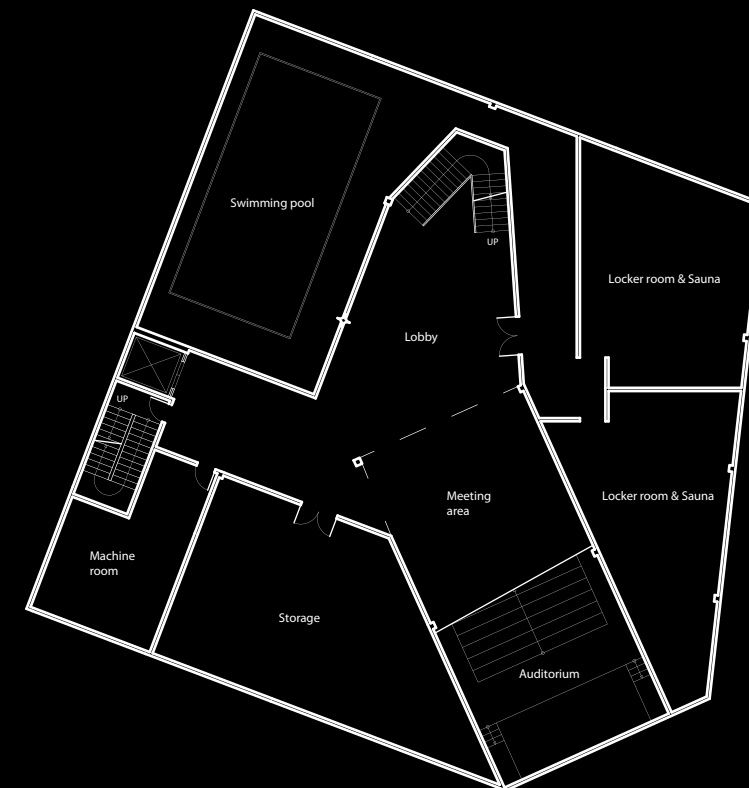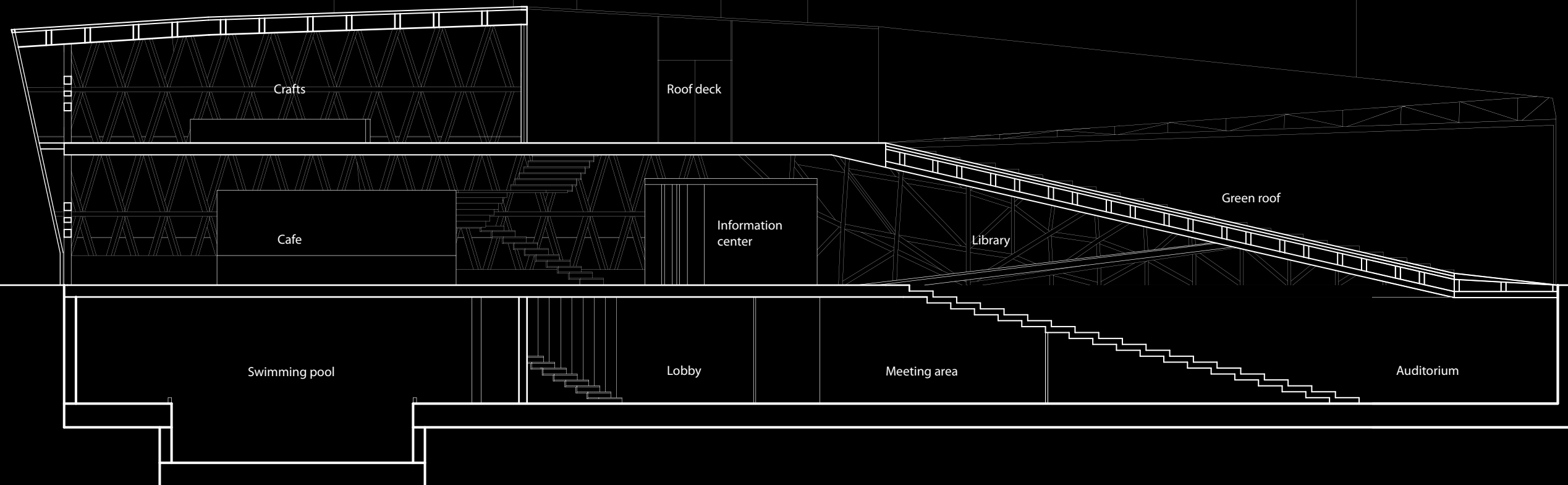
Section

Detail section model
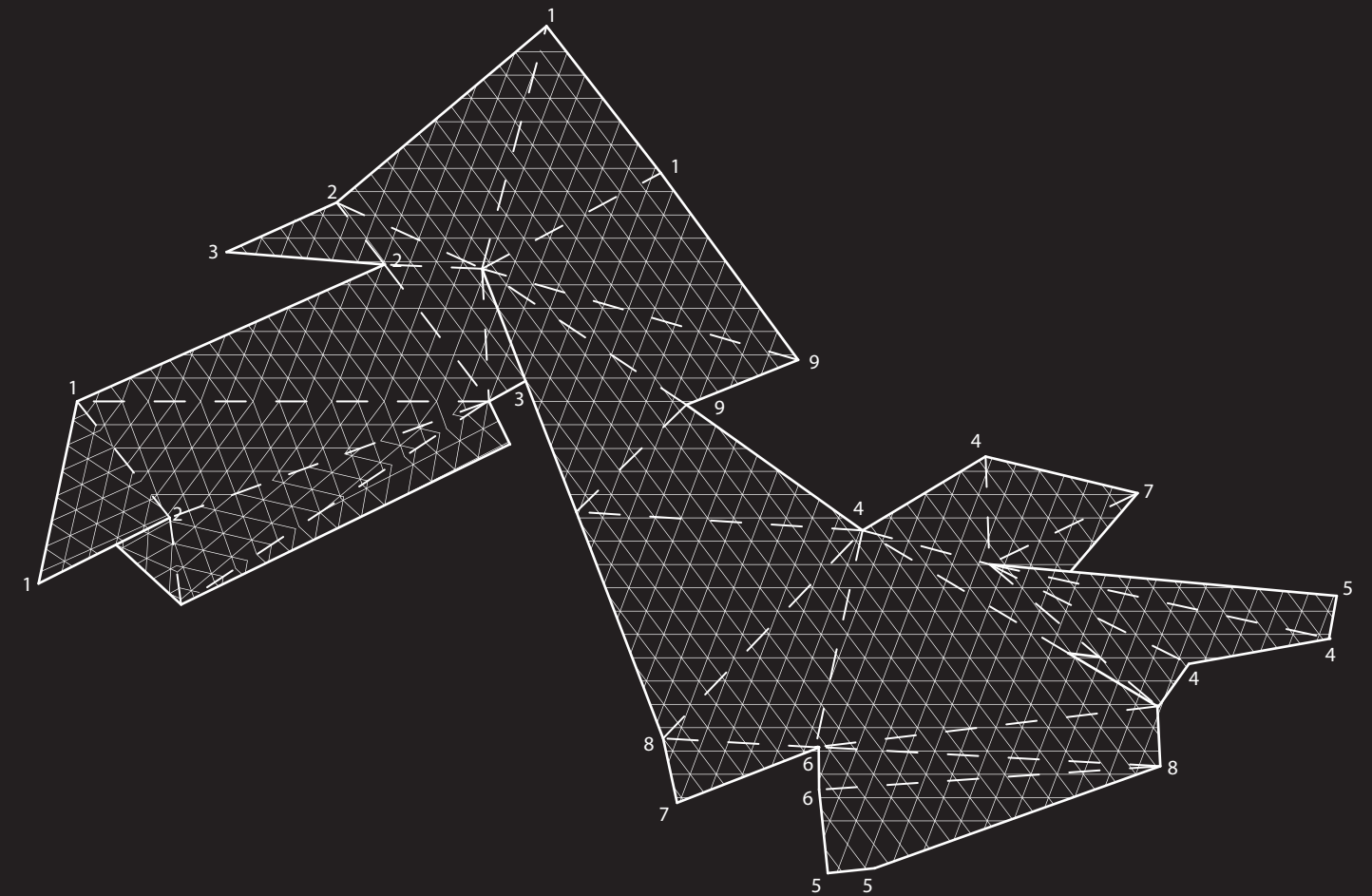
Detail section

1 Laminated safety glass
2 Stone cladding
3 Steel rectangular hollow section
4 Blind
5 Steel rectangular section
6 Stainless steel sheet
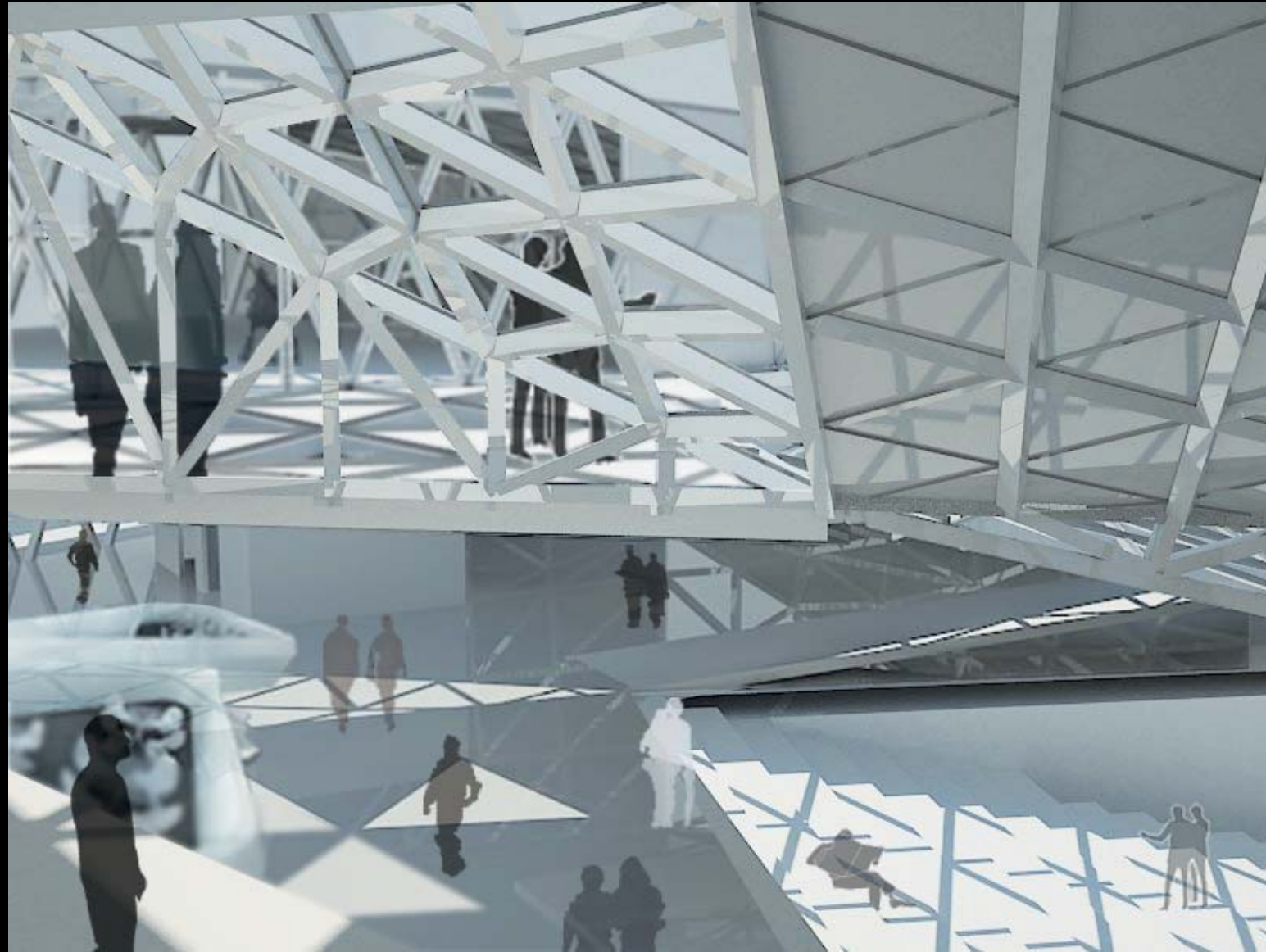7 Aluminum capping plate
8 Cover to ventilation duct

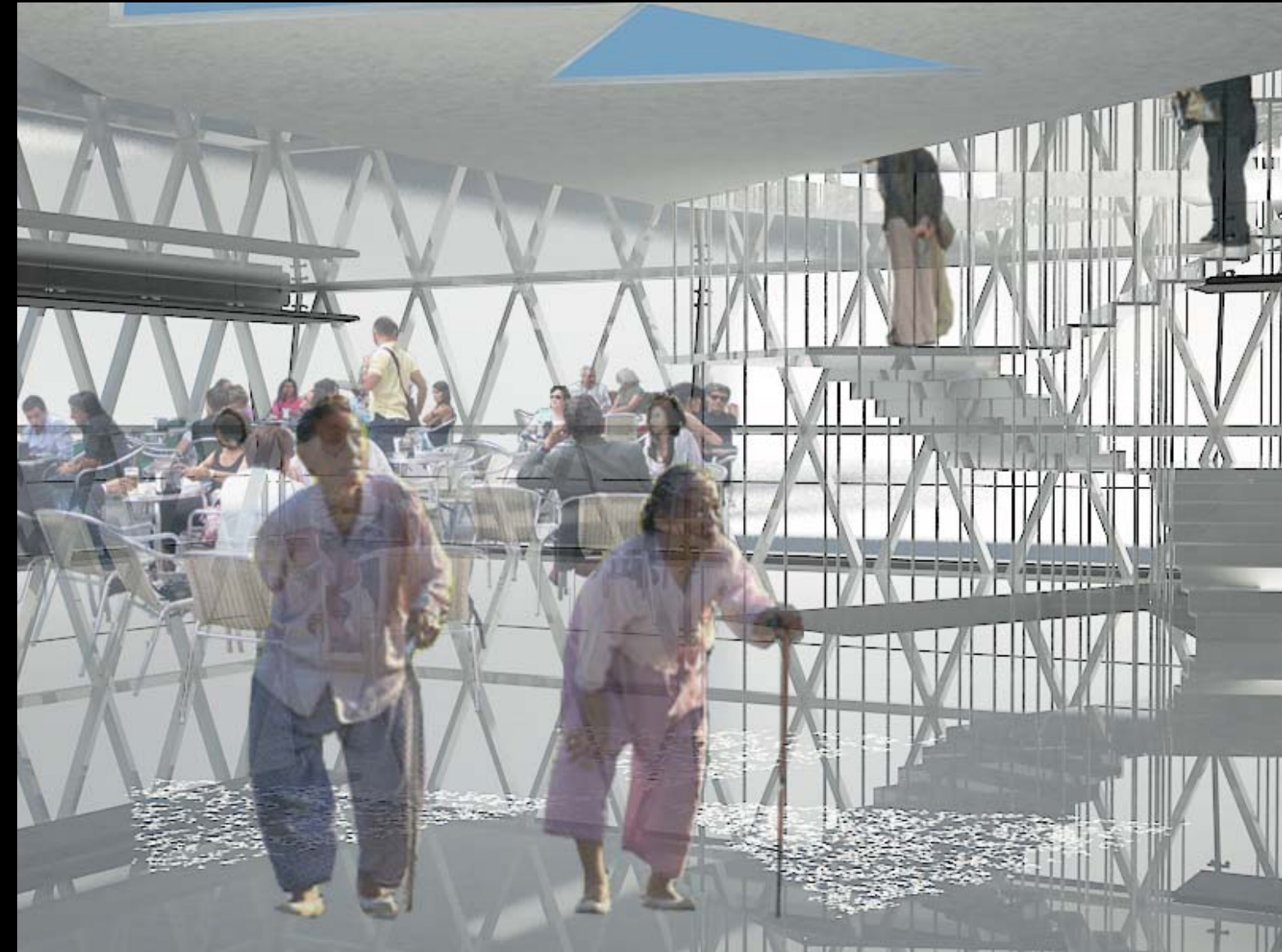Structure wire model

Unfolded layout of the roof surface

Aerial view

Lobby on the second floor

Lounge on the second floor

Information center

Cafe

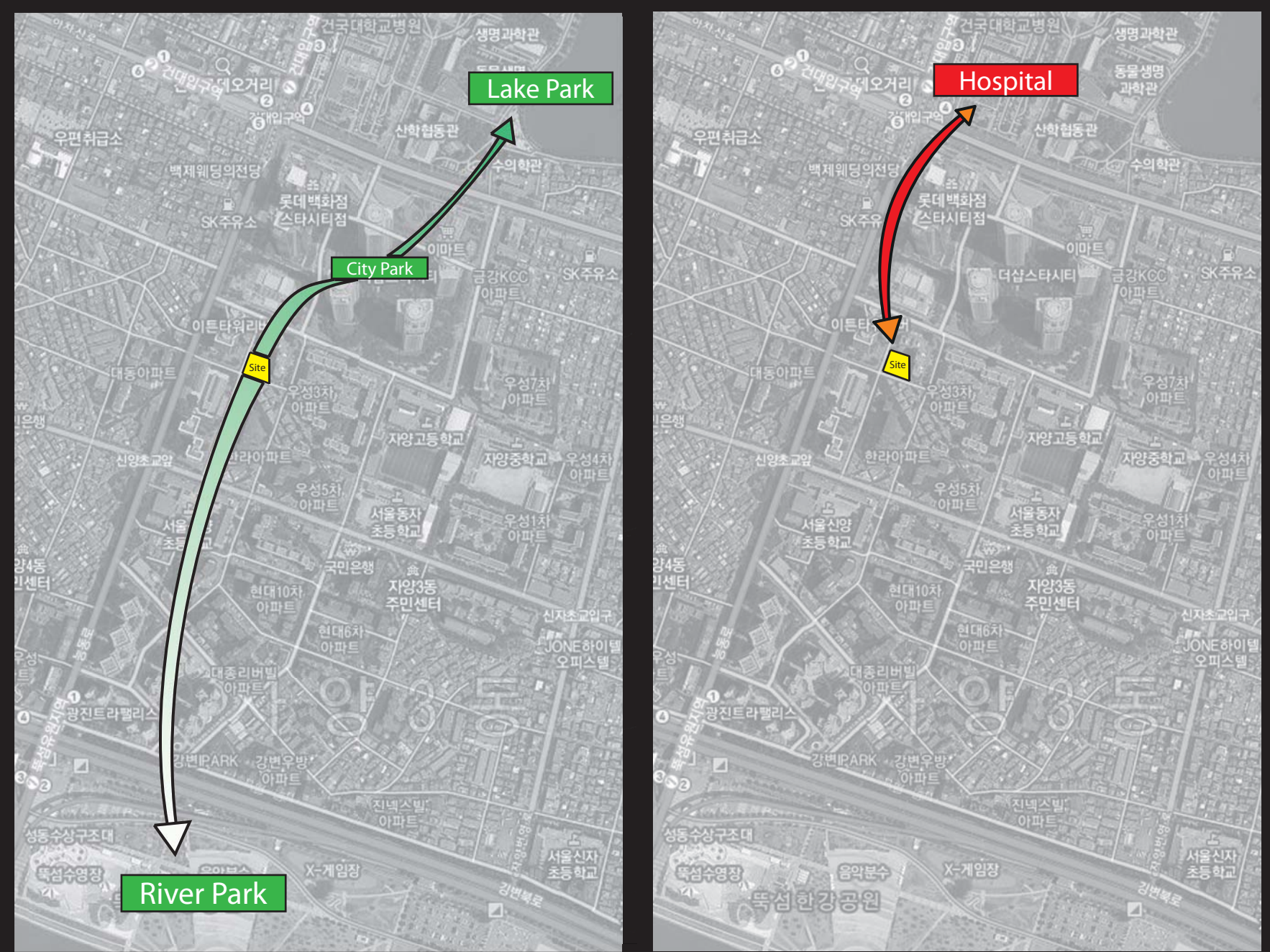# REGENERATION - Senior Day Care Center, Seoul Korea

As the dramatic economic development in Korea brought more people to cities, families spread out and people had no local, extended family to fall back upon when they were in need. The result was a growing number of single and widowed people who had no one to take care of them in their old age. However, People have become restless, naive and careless about other people's needs—especially their old relatives and folks. That's when the problems occur.

Therefore, I want to make the senior center to allow the elderly to discover new places and new uses for them, to watch the activities of others between social spaces that can promote interaction among users, and to exercise like care services itself along the dynamic circulations. I also make the massing of the building that act as a landmark to bring the excitement of the welfare center not just to the users but also to passersby for regenerating people and the context as well.
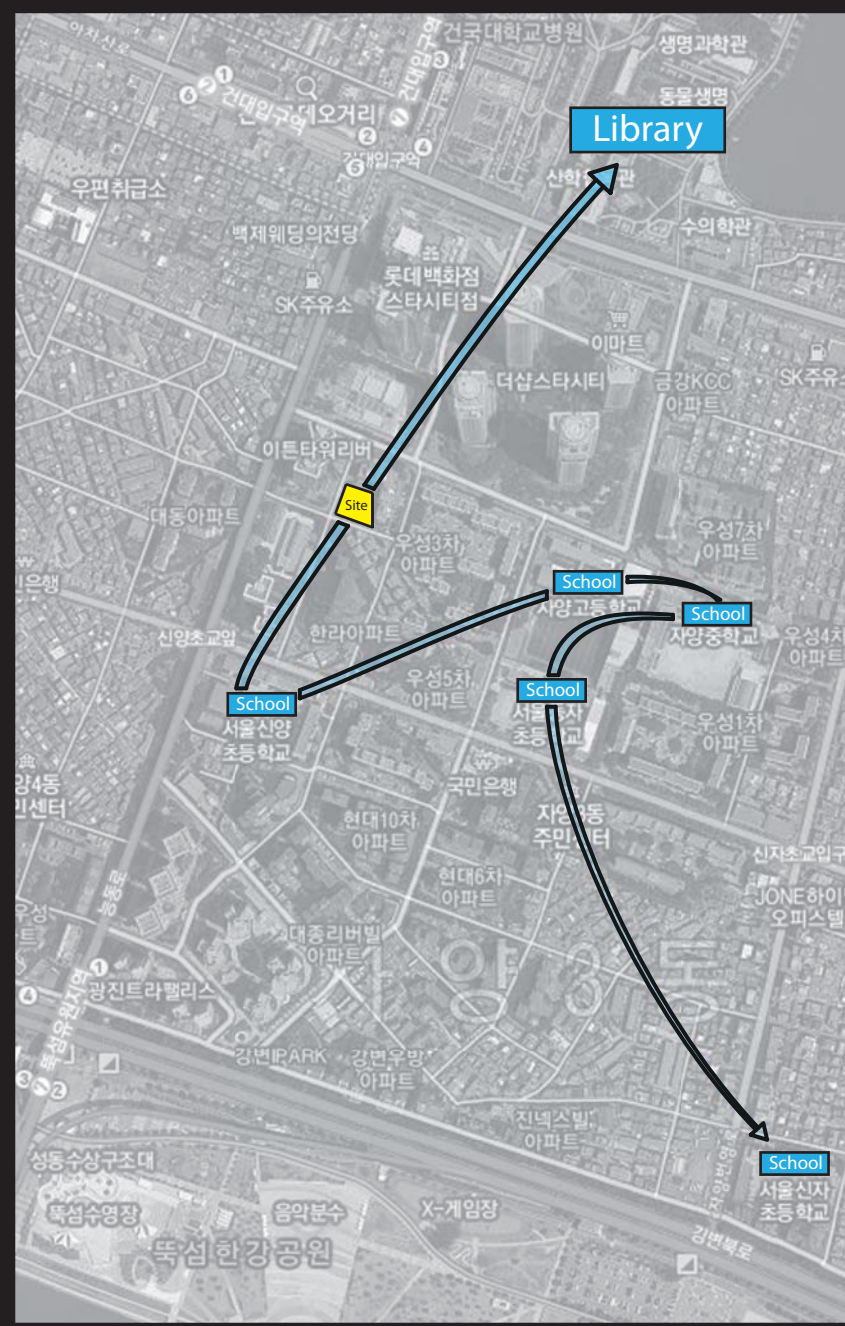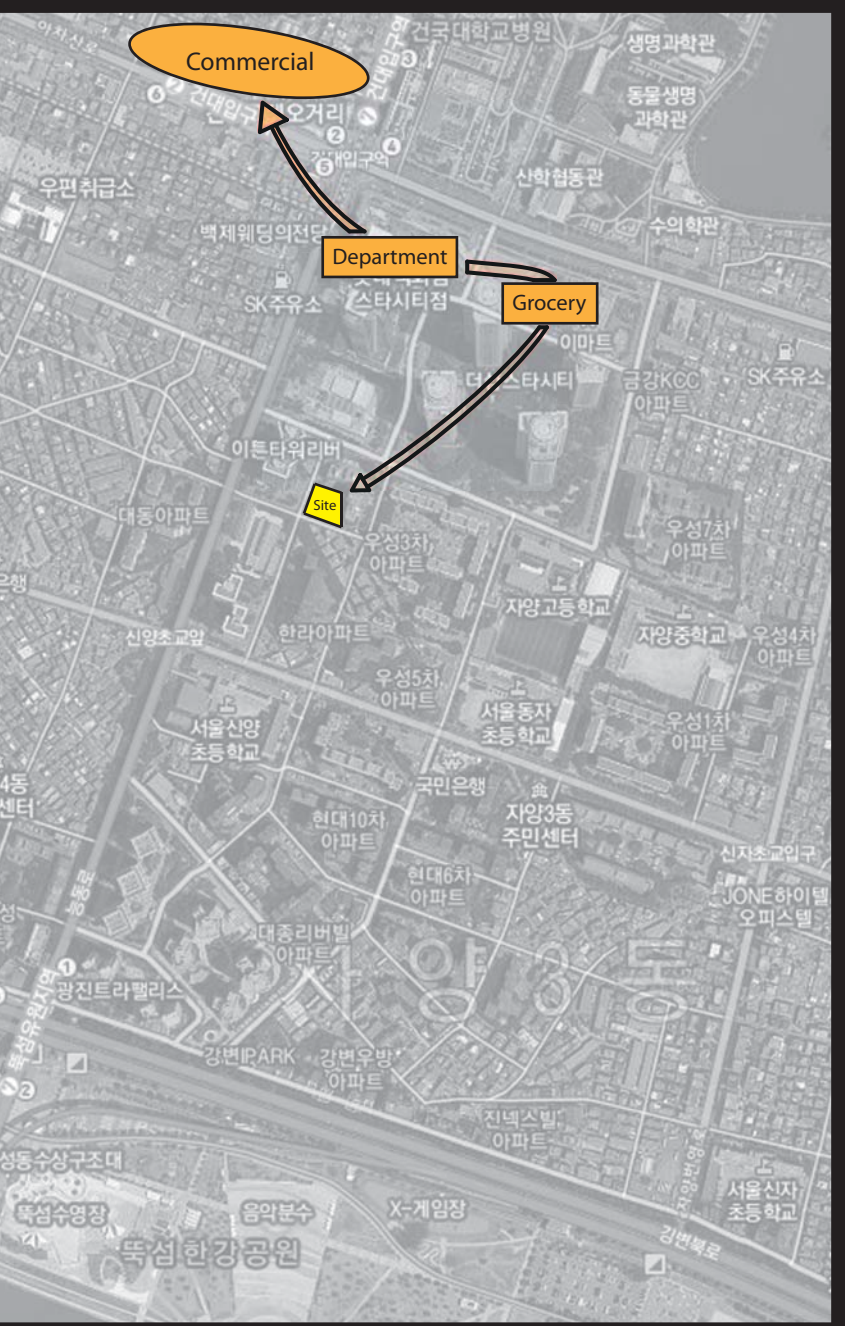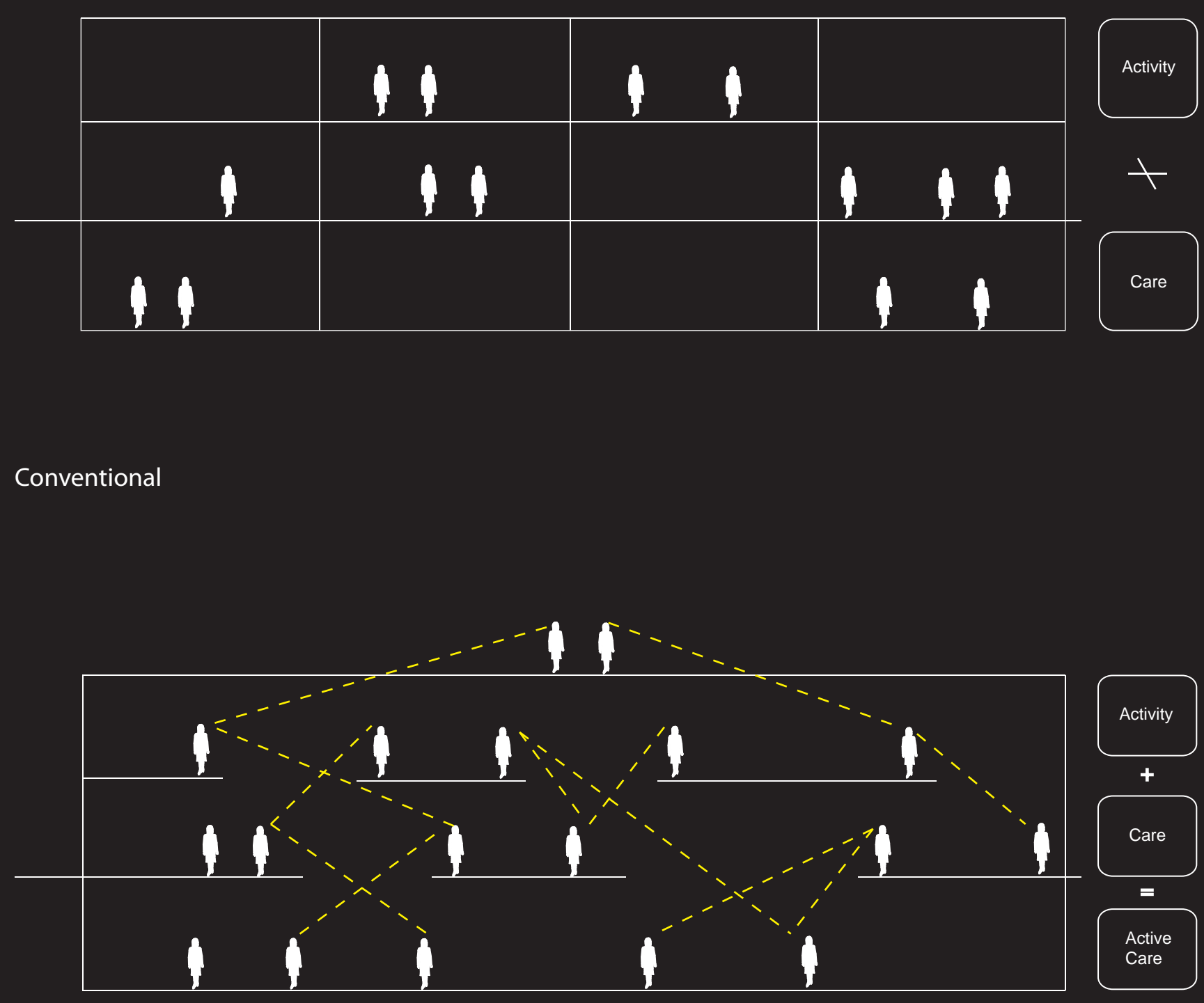

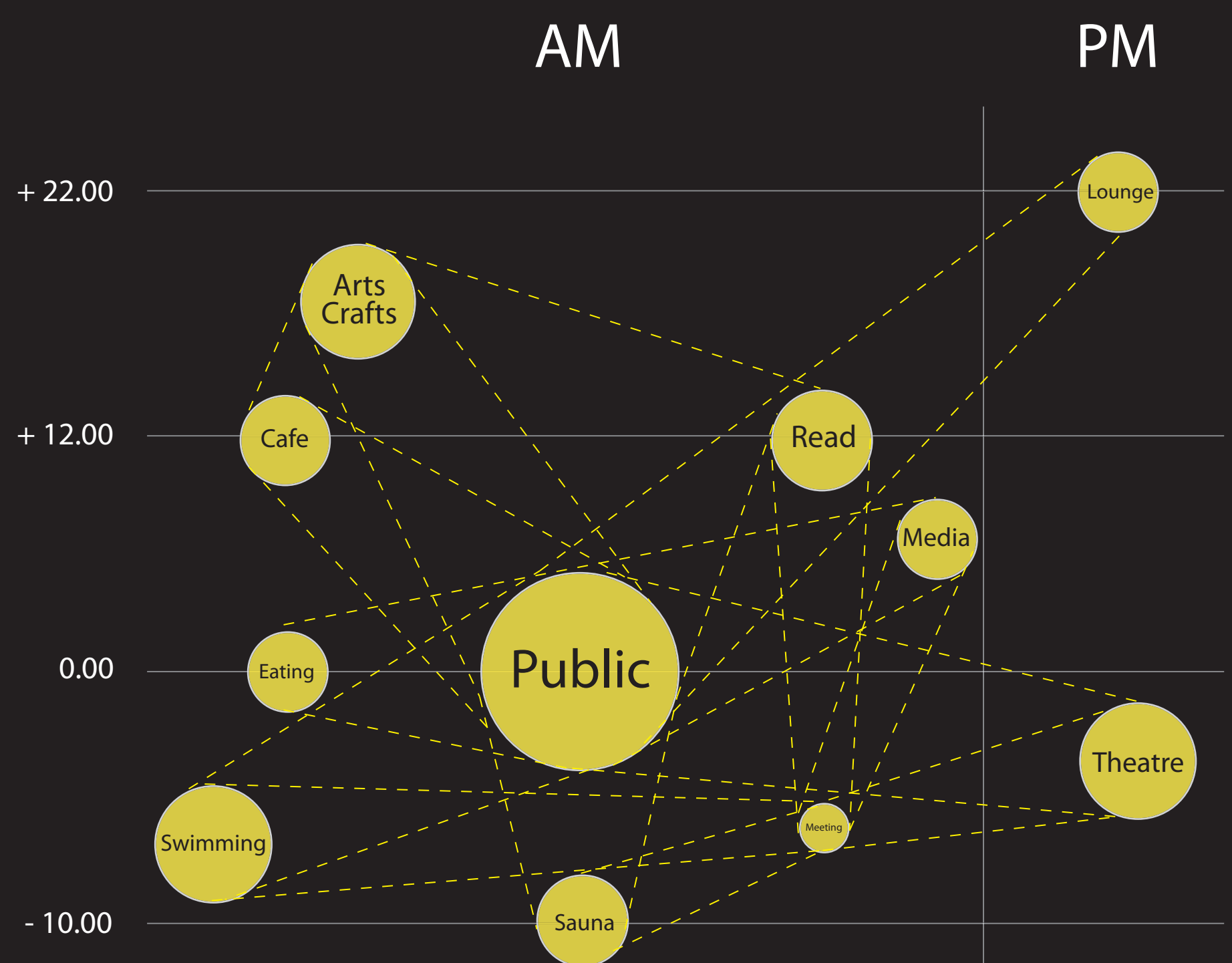Aerial view

Site Networks

Green Flow

Care-service Flow

Lake Park

City Park

River Park

Hospital

Educational Flow

Commercial Flow

Library

School

Commercial

Department

Grocery

Conventional

Activity

Care

Interactive

Activity
+
Care
=
Active Care

Interactive Activity

AM   PM

+ 22.00

+ 12.00

0.00

- 10.00

Lounge

Arts Crafts

Read

Cafe

Media

Public

Eating

Theatre

Swimming

Sauna

View

N

Mirror Plaza

Good View

Site

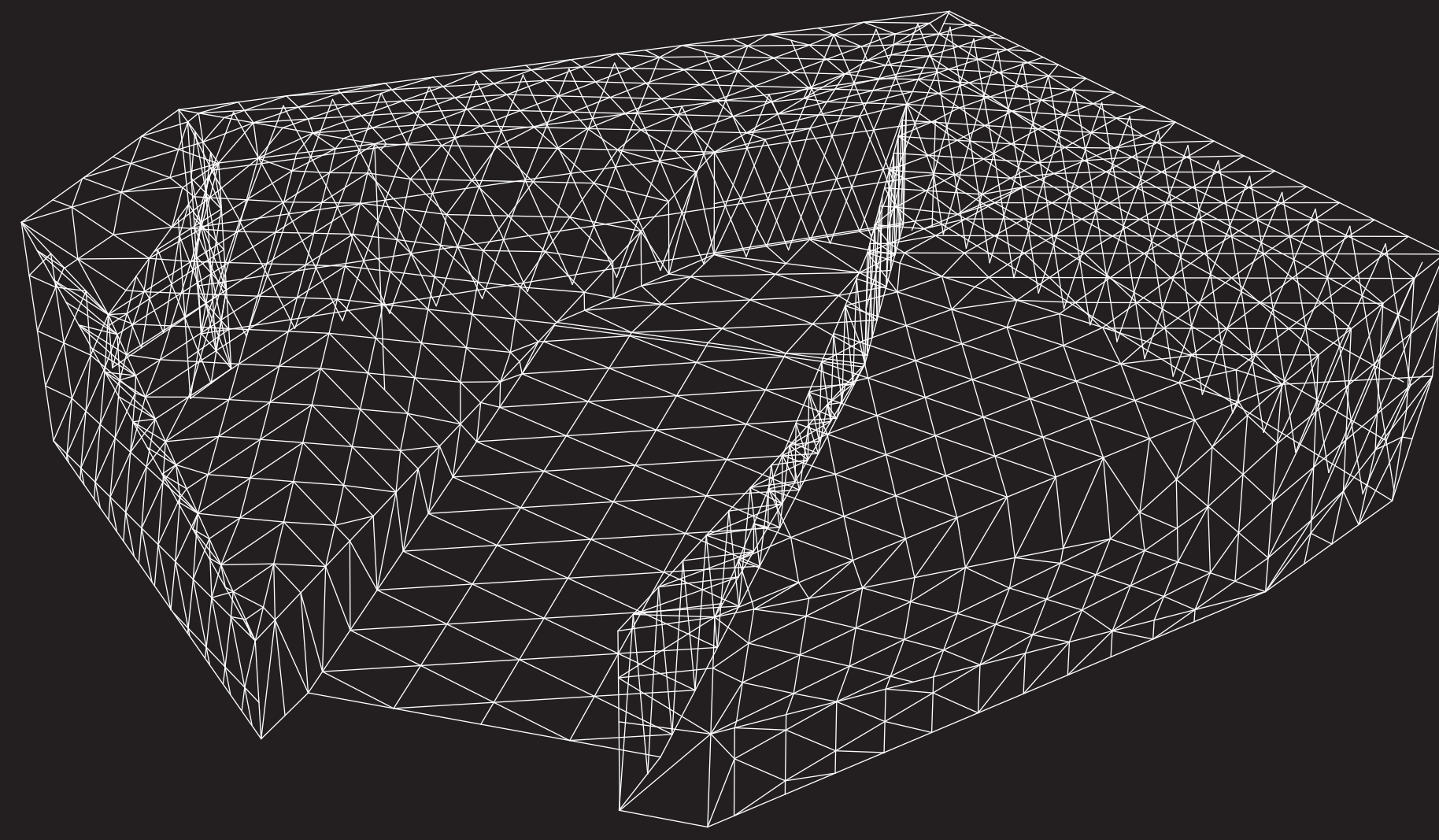Closed

Southern View

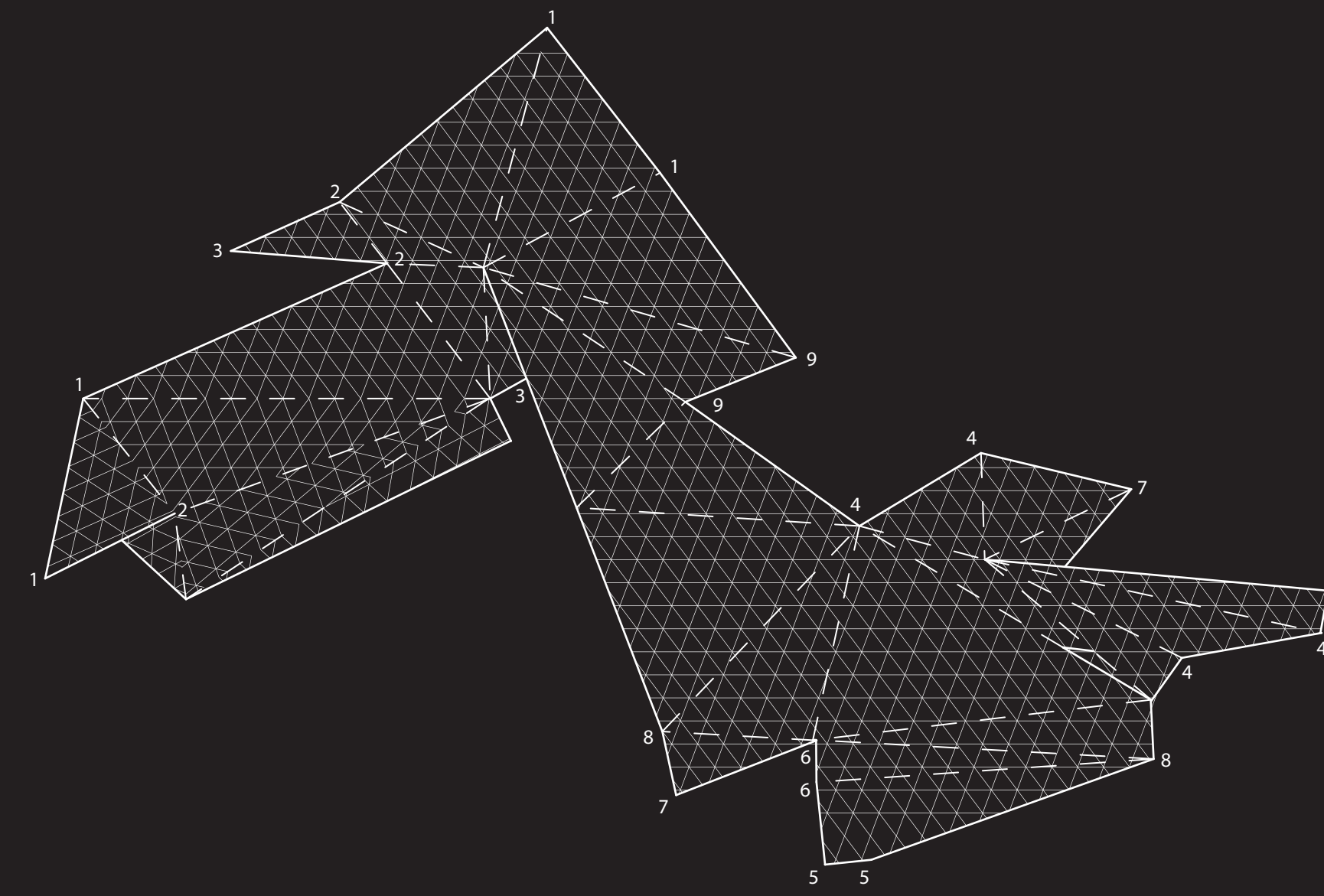Playground

Site strategy

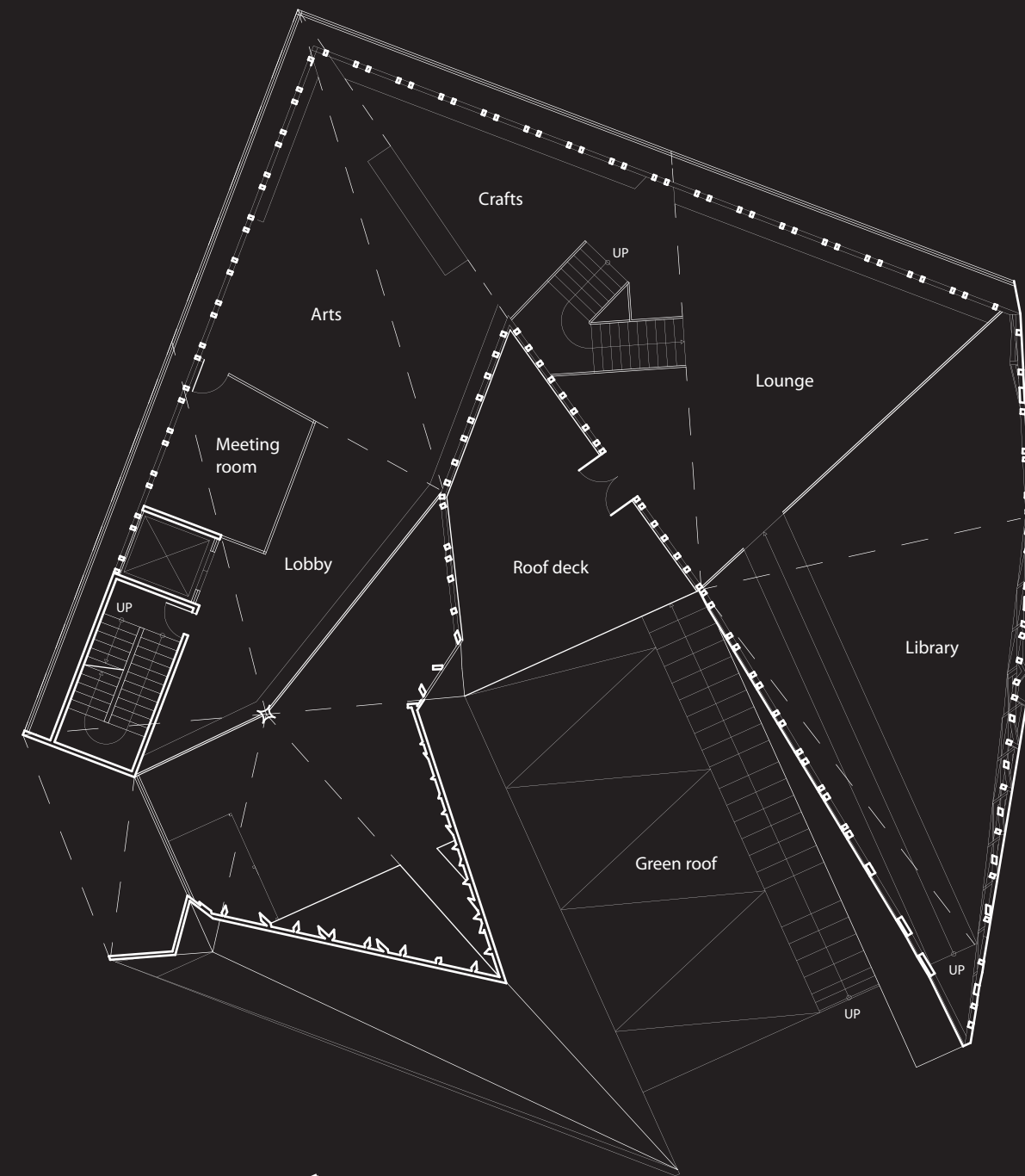Heavy traffic
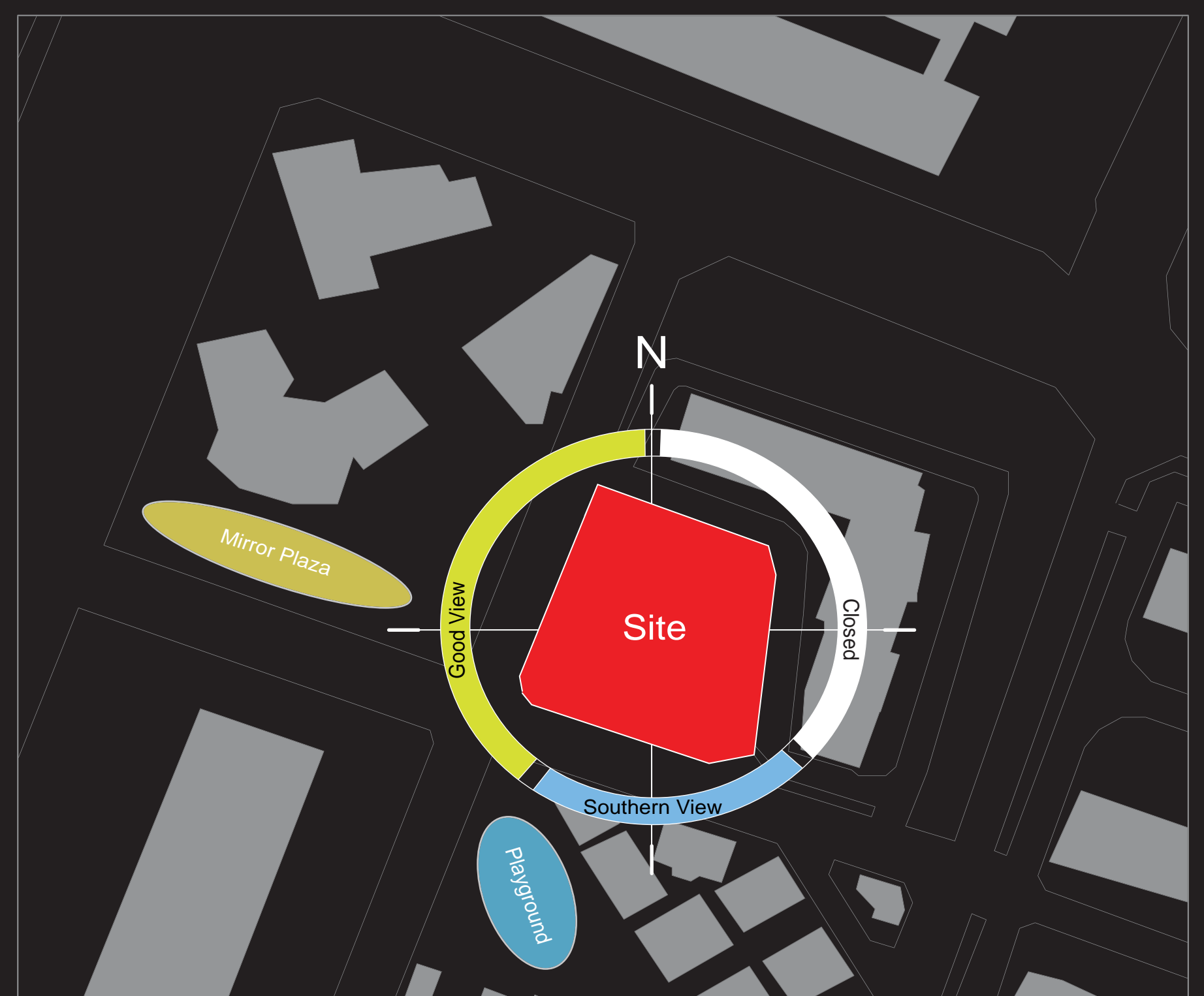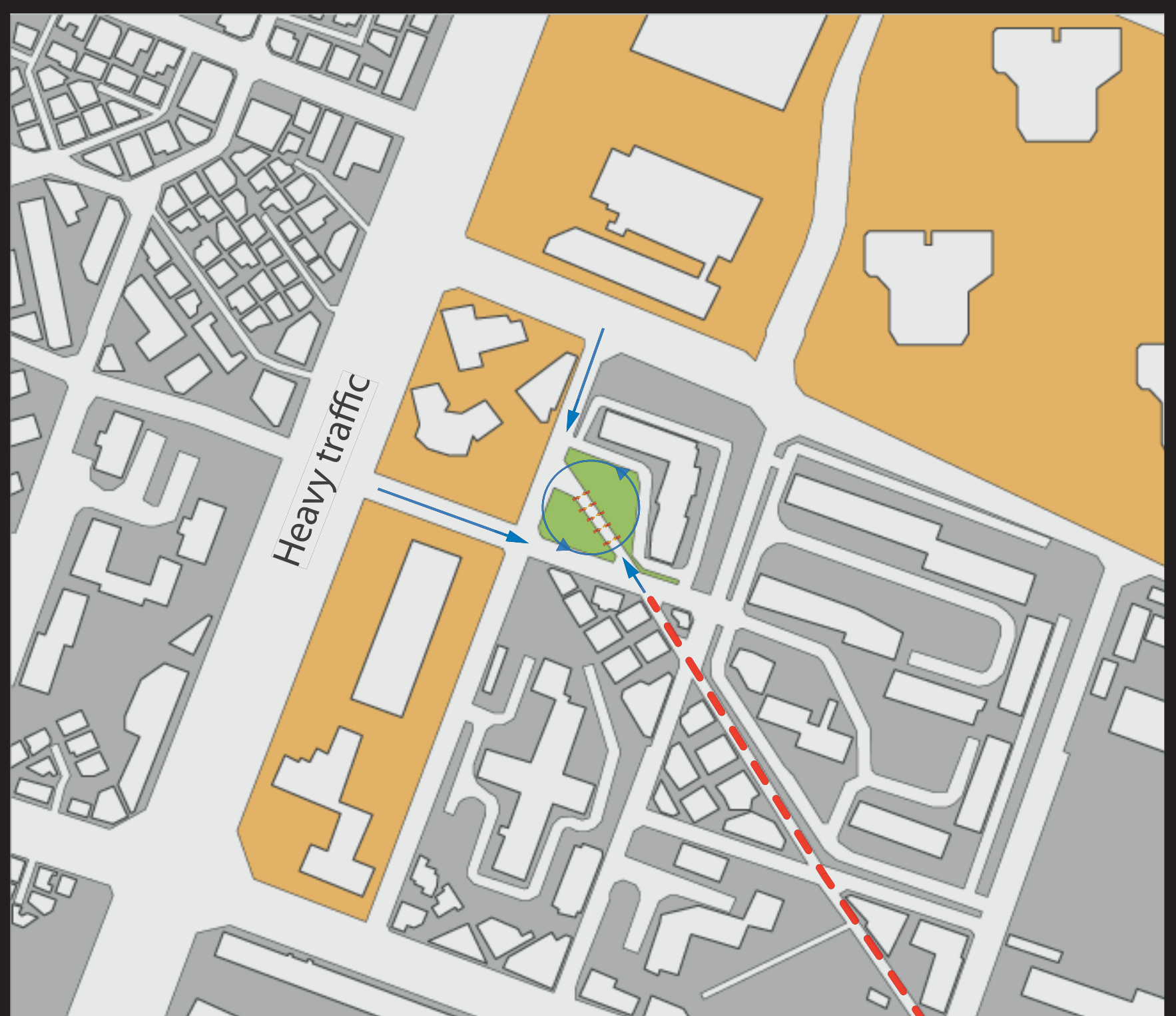
New development   Old street   Access
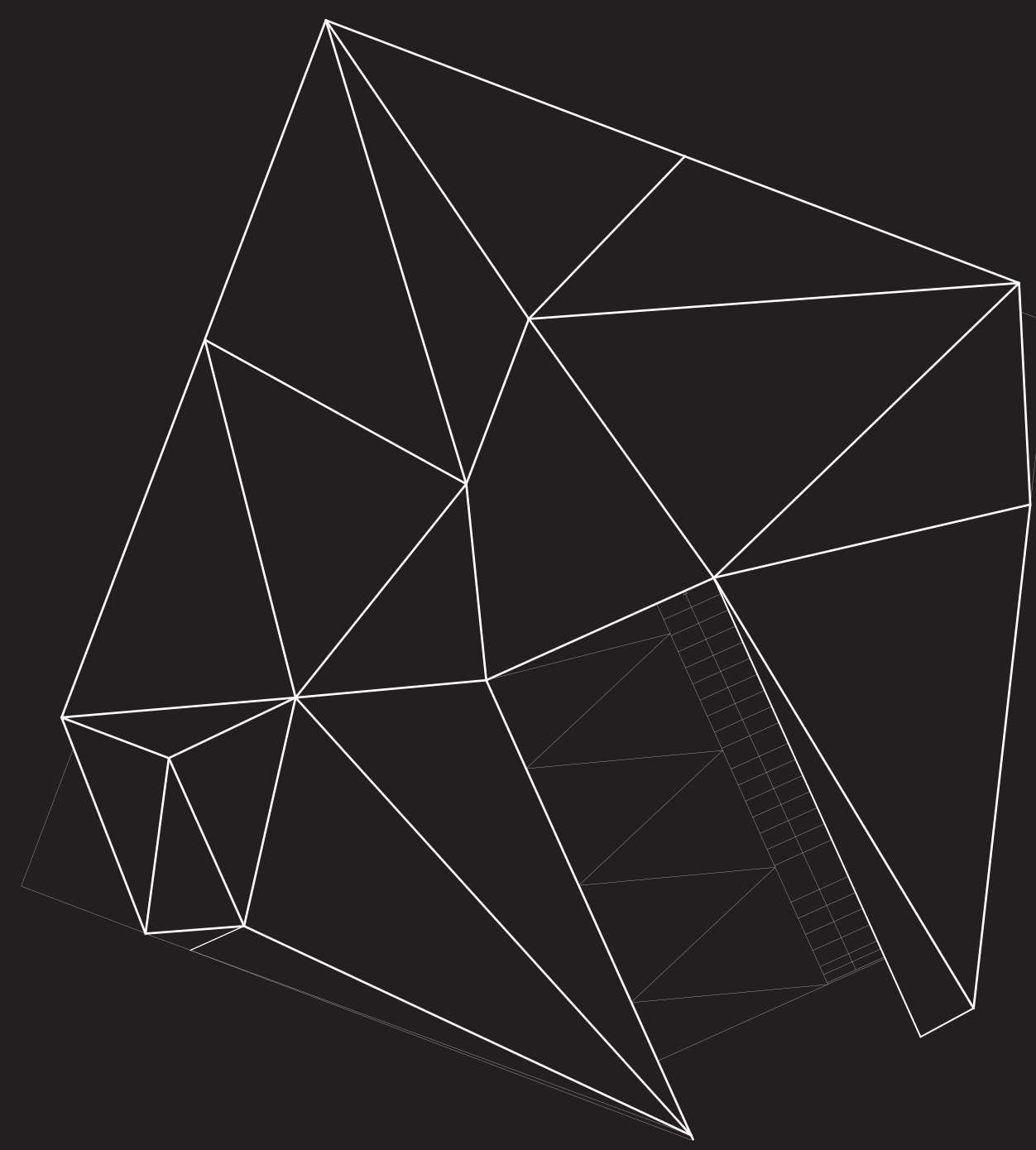
Roof plan

Structure wire model

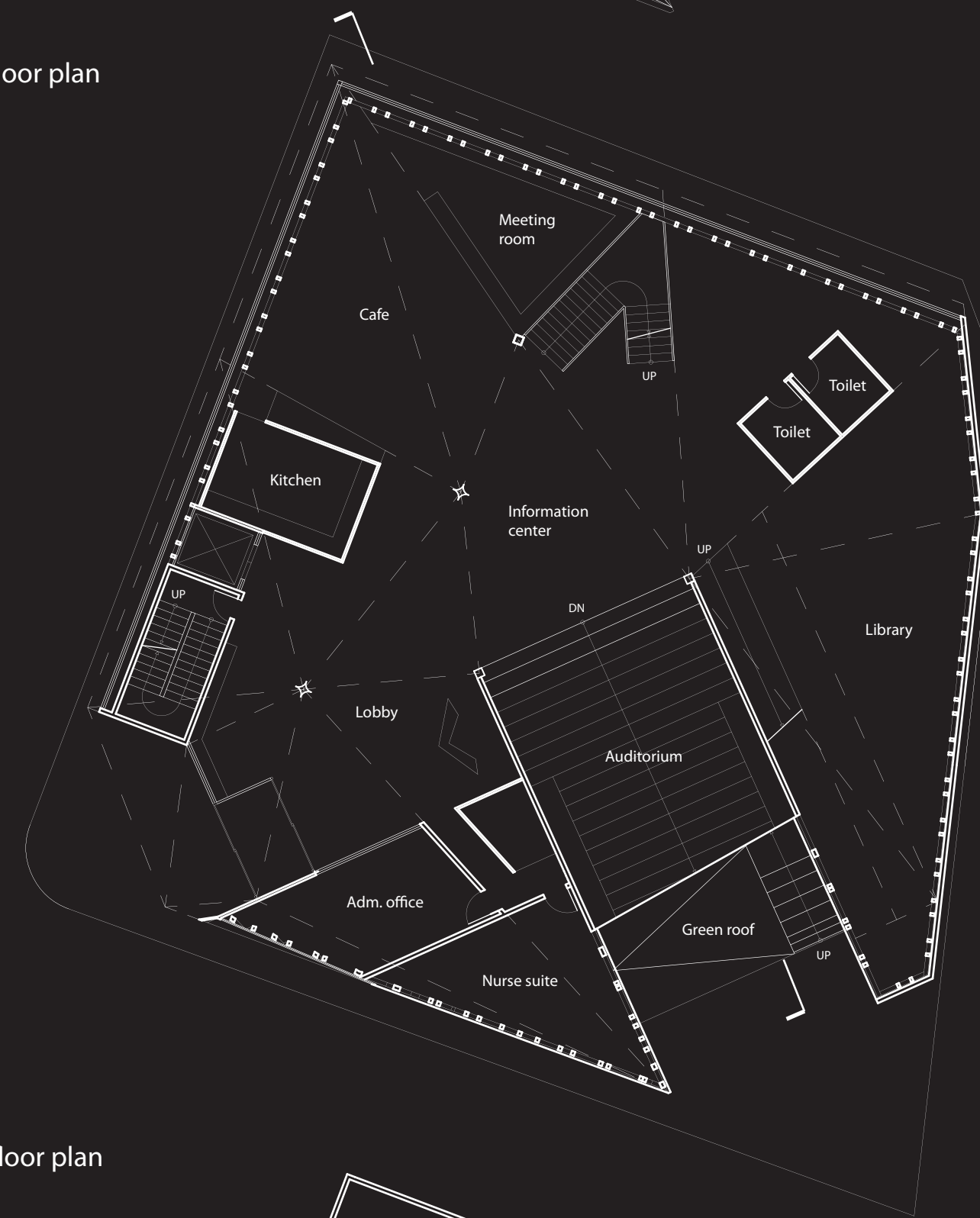
Unfolded layout of the roof surface

Detail section model

Second floor plan

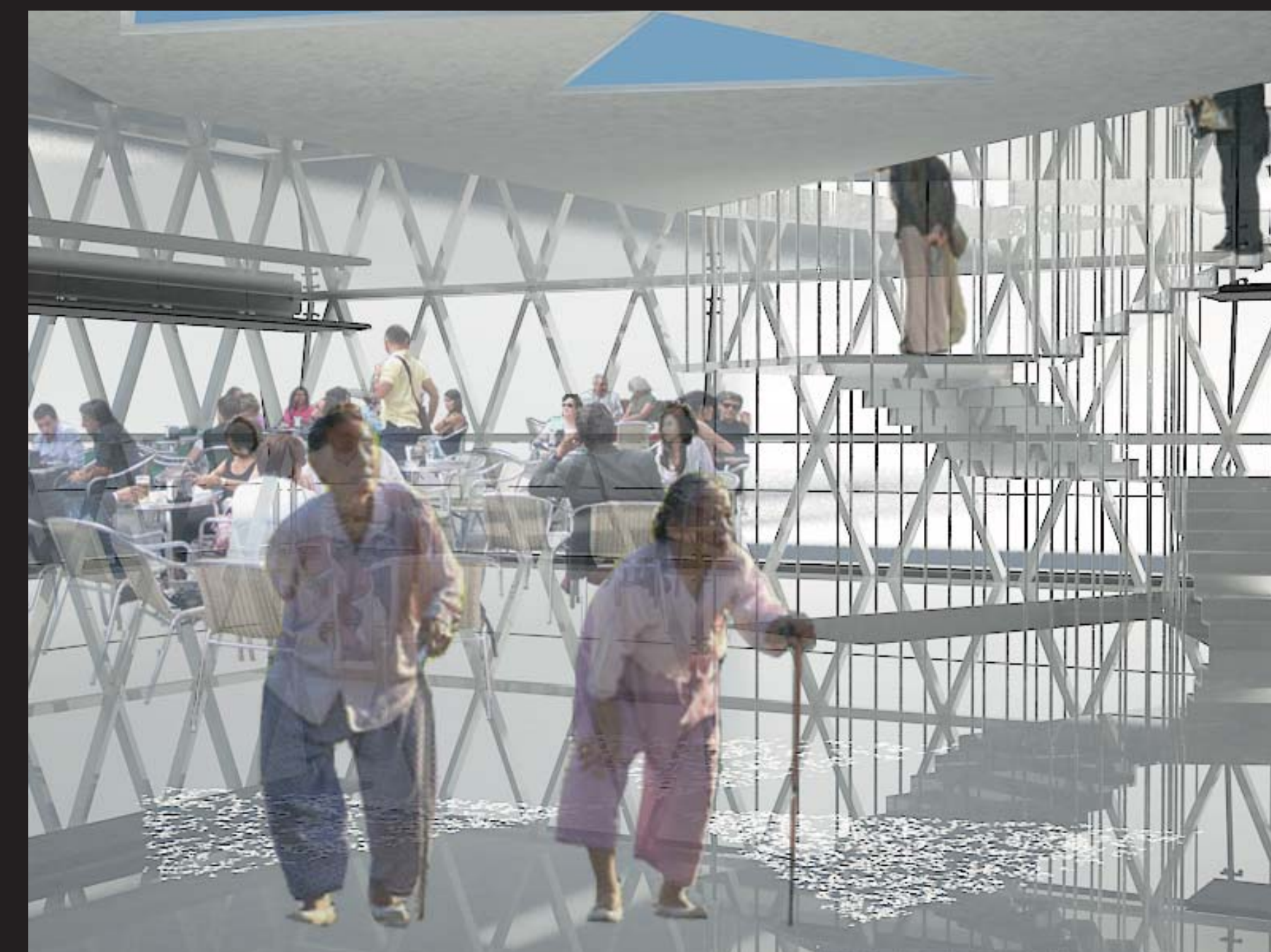Ground floor plan

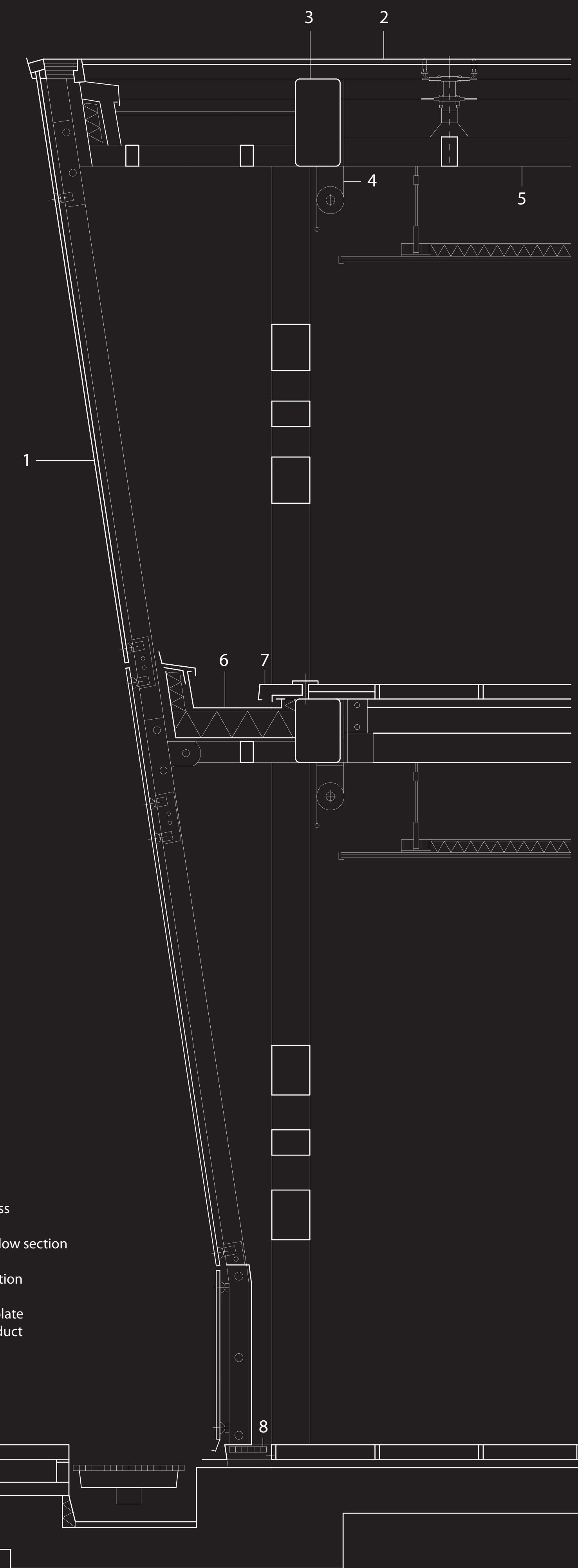Basement floor plan

N

Lobby on the second floor

Lounge on the second floor

Information center

Cafe

Section
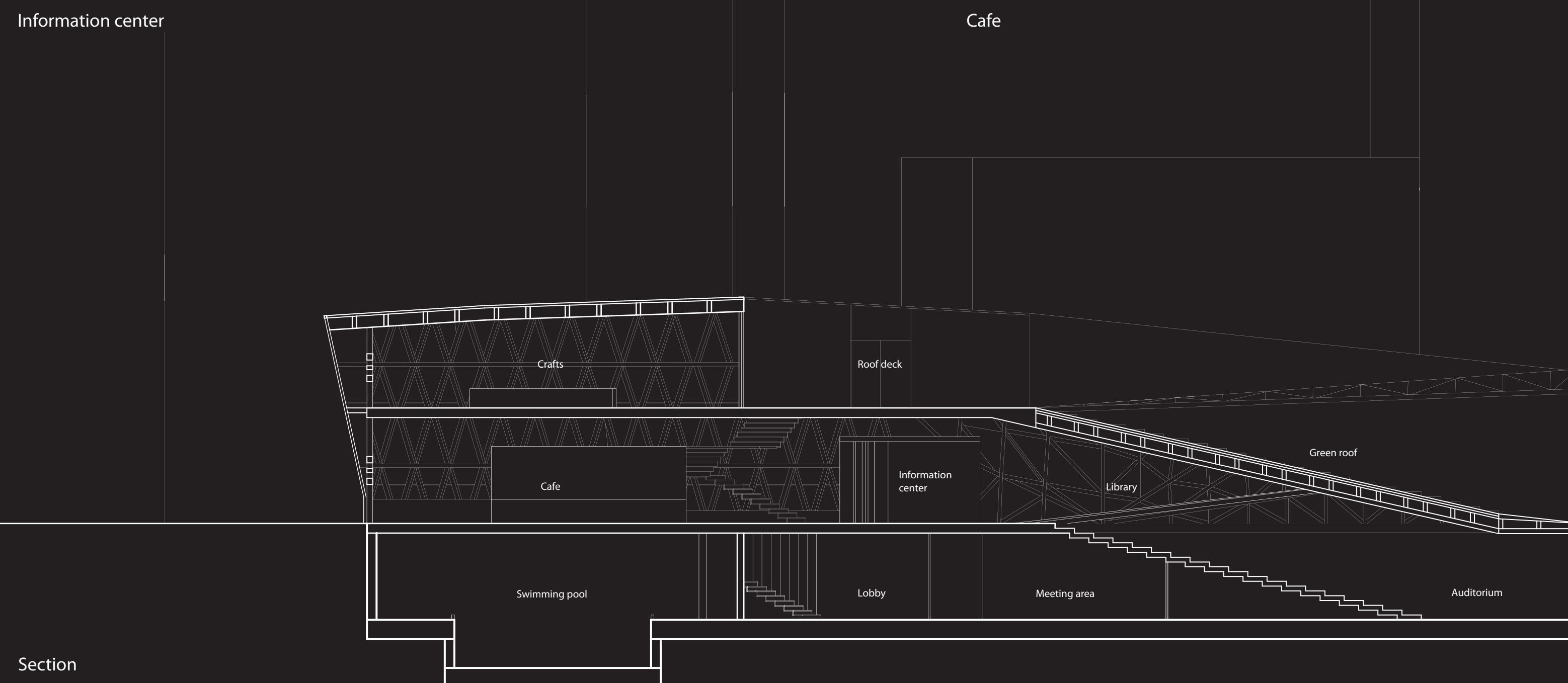
Detail section

1 Laminated safety glass
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