

the wave

sustaining rural communities

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thesis review, April 30, 2010 | Professor Mark Barnhouse

The Problem Statement:

What are the underlying characteristics which sustain and help in a rural community's survival?

The Claim:

For the survival of rural communities and their citizens, a strong sense of place, vital resources, focused leadership, and commitment are critical.

The Theoretical Premise/Unifying Idea:

Rural community survival is critical for the diversity of society, and it must show the character of adaptability while still being able to sustain itself.

The Project Typology:

A Mixed-Use Building

s t a t e m e n t
o f i n t e n t

Premises

The citizens directly influence the success and sustainability of the community, while also being affected by any of the possible consequences.

Sustaining a rural community is a common goal among citizens of this type of community.

Survival of the community results from the adaptability of the citizens while ensuring the necessities of life, commitment, and happiness.

s t a t e m e n t
o f i n t e n t

The theoretical Premise/Unifying Idea

Rural community survival is critical for the diversity of society, and it must show the character of adaptability while still being able to sustain itself.

The Project Justification:

Learning about the communities for which we design is critical to the success of good design. Rural communities are vital because they bring diversity and change from the demanding large city. Large numbers of people make up small communities, and the extinction of these communities would be detrimental to our culture. Society must become more aware of the advantages and characteristics of rural communities, to help aid in their survival.

s t a t e m e n t
o f i n t e n t



located in Pope County

wooded and hilling city
formed by glaciers

on shore of lake Minnewaska

Population: 2,800
5.57 square miles

g l e n w o o d



D o u v i e r I T H E S I S



ice fishing

waterama

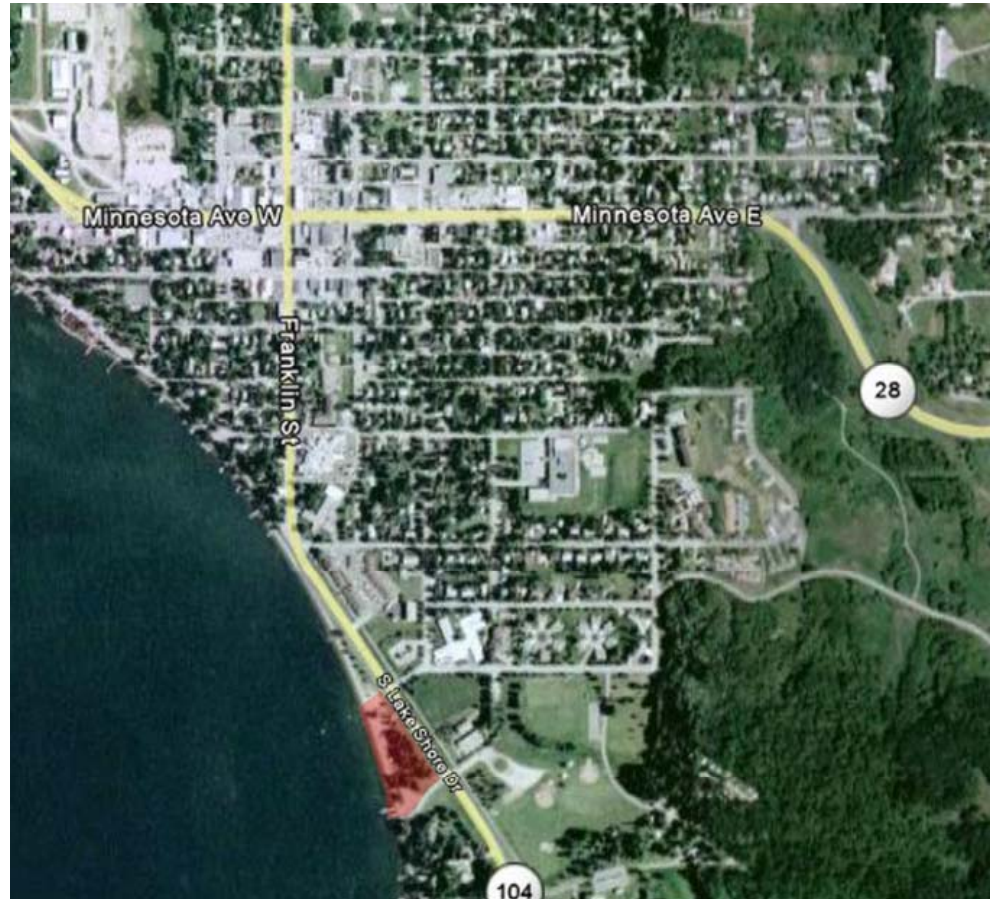
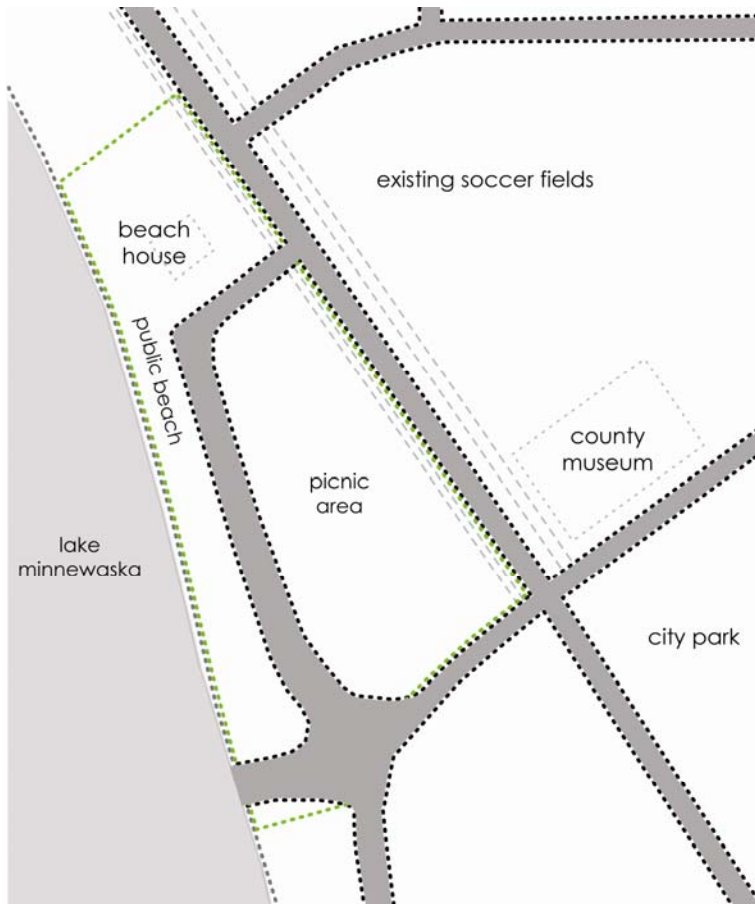
tourism

city growth



the lake

D o u v i e r I T H E S I S



current site is city park & public beach

site occupies 2.7 acres

offers terrific panoramic views

site



site

D O U V I E R I T H E S I S



focus on the pedestrians

maximize views

create a “new” city center

promote growth

instill pride within the community

goals

D o u v i e r I T H E S I S



Program Spaces

.....4 Retail Spaces

.....Banquet Hall

.....17 Hotel Rooms

.....Hotel Lobby

.....Restaurant

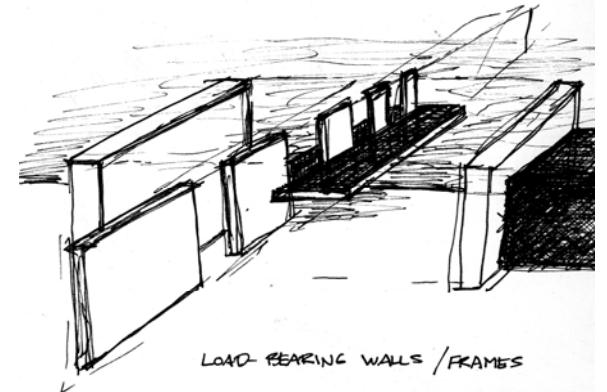
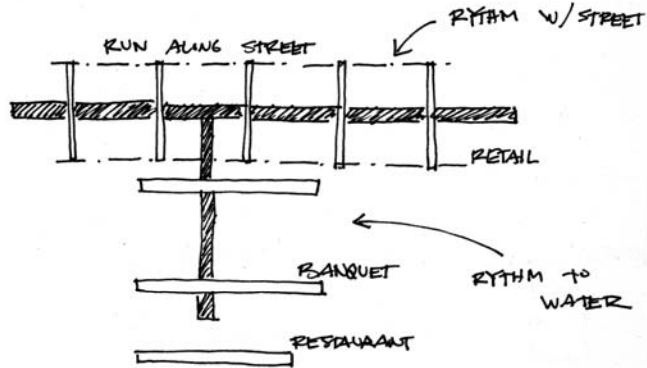
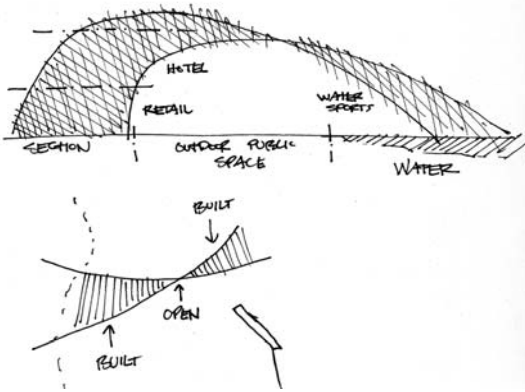
.....2 Public Beach Spaces, Showers/Changing

.....Public Beach Storage

the program

D O U V I E R I T H E S I S

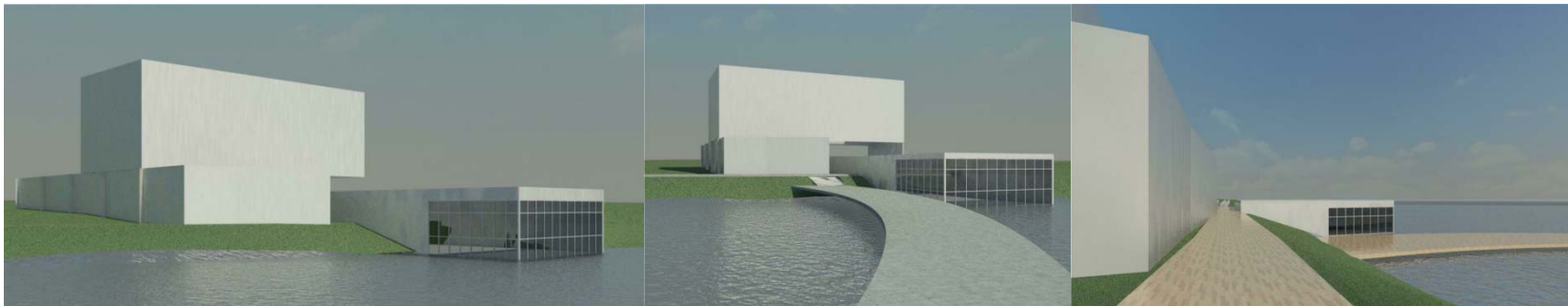
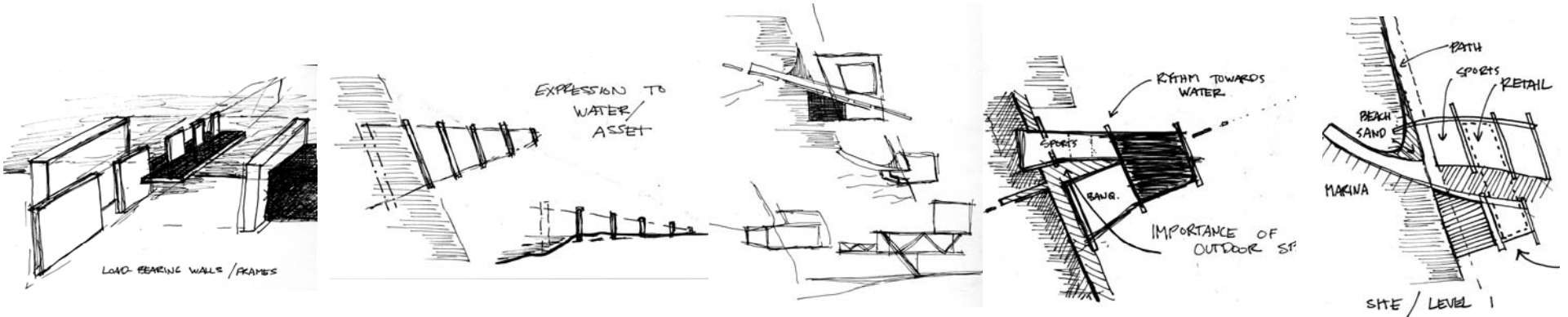
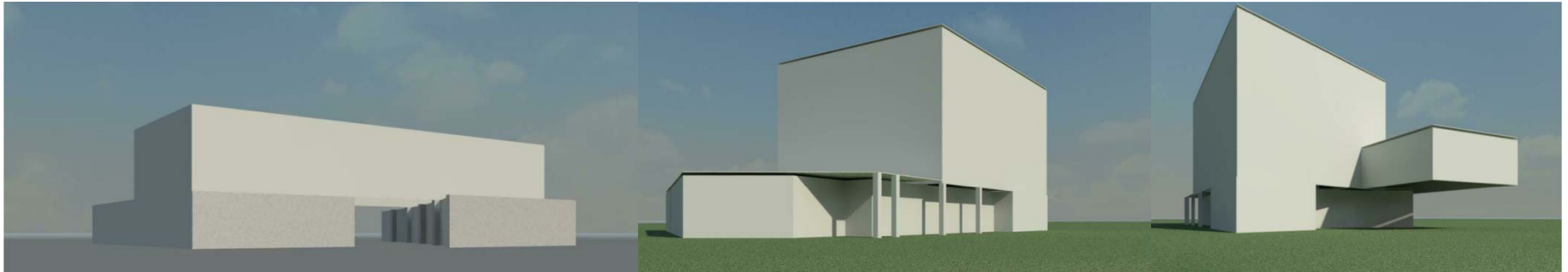
dynamic, flow, water



concepts

D O U V I E R I T H E S I S

rhythm, importance of water, views



process

D O U V I E R I T H E S I S



community center, pedestrian friendly

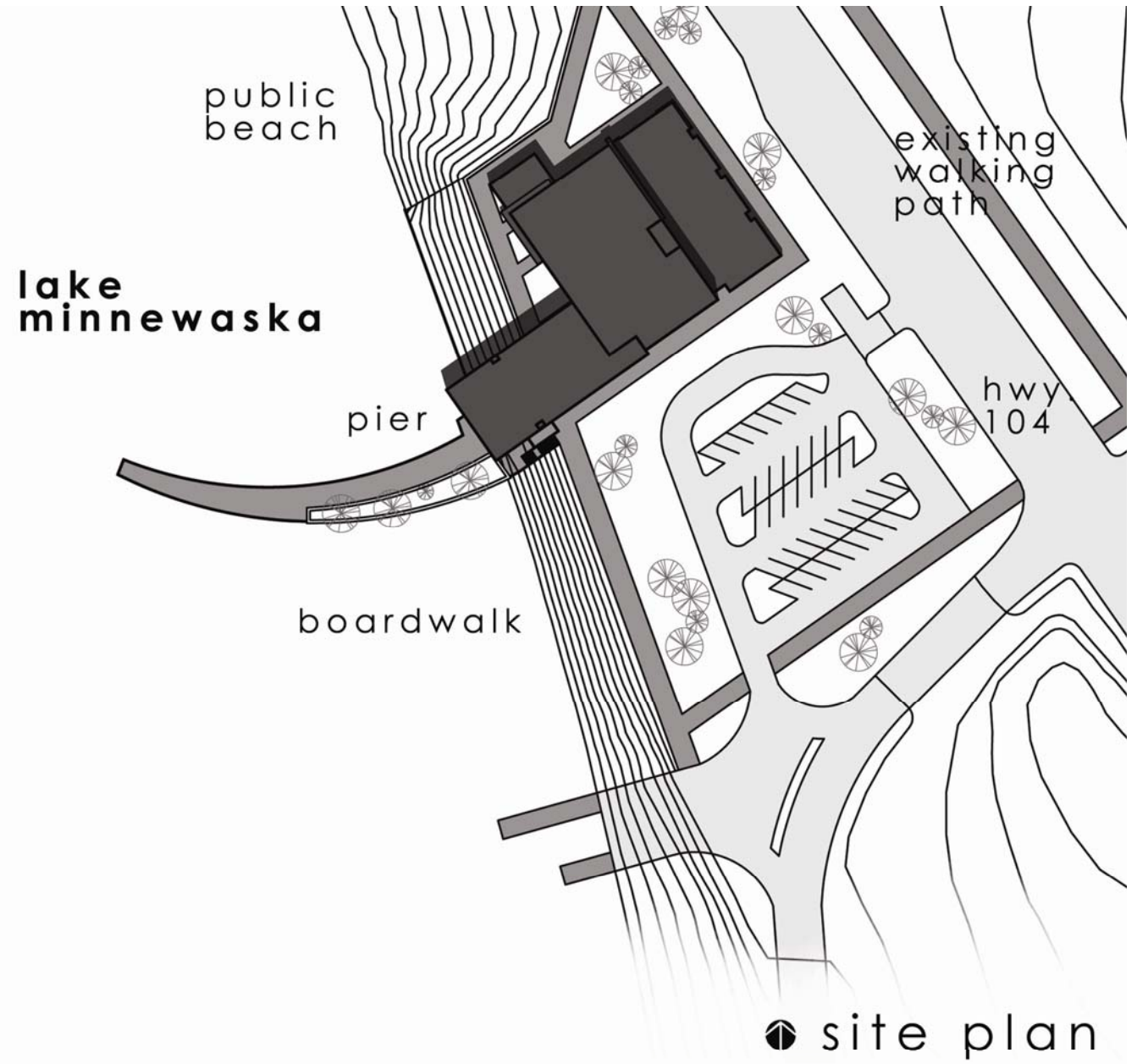


process

D O U V I E R I T H E S I S

final design

D o u v i e r I T H E S I S



site plan

D O U V I E R | T H E S I S

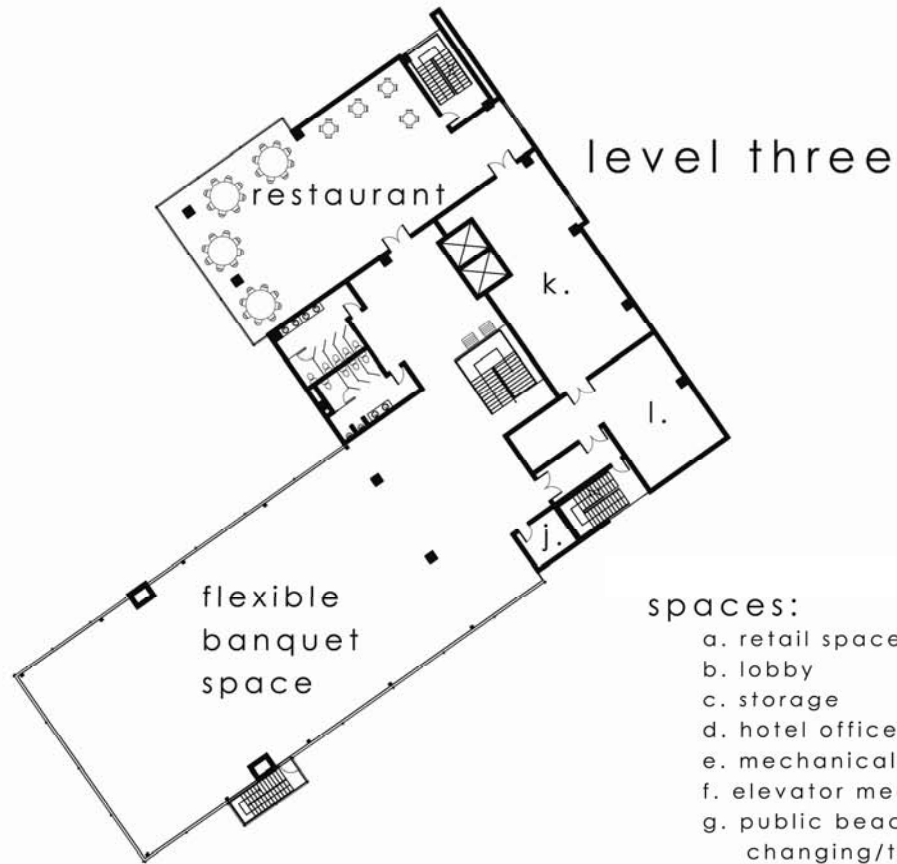


spaces:

- a. retail space
- b. lobby
- c. storage
- d. hotel office
- e. mechanical room
- f. elevator mech.
- g. public beach
changing/toilets
- h. beach storage

- i. maid lounge/storage
- j. janitor
- k. food prep.
- l. storage
- m. hotel suite

** fan coil unit per each hotel rm

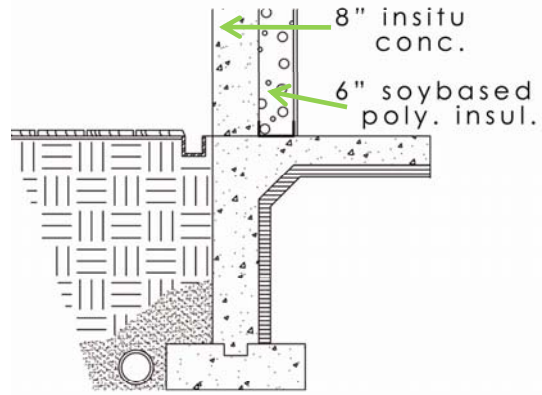


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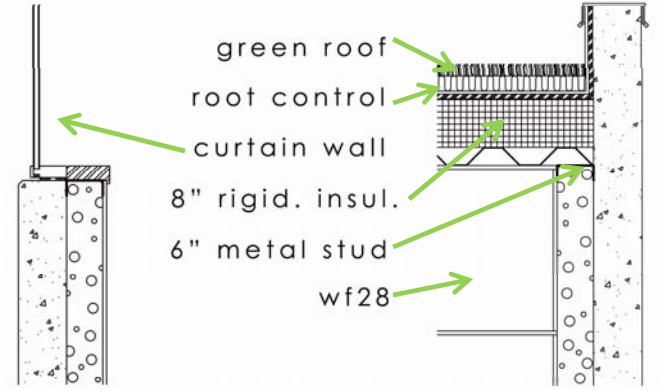
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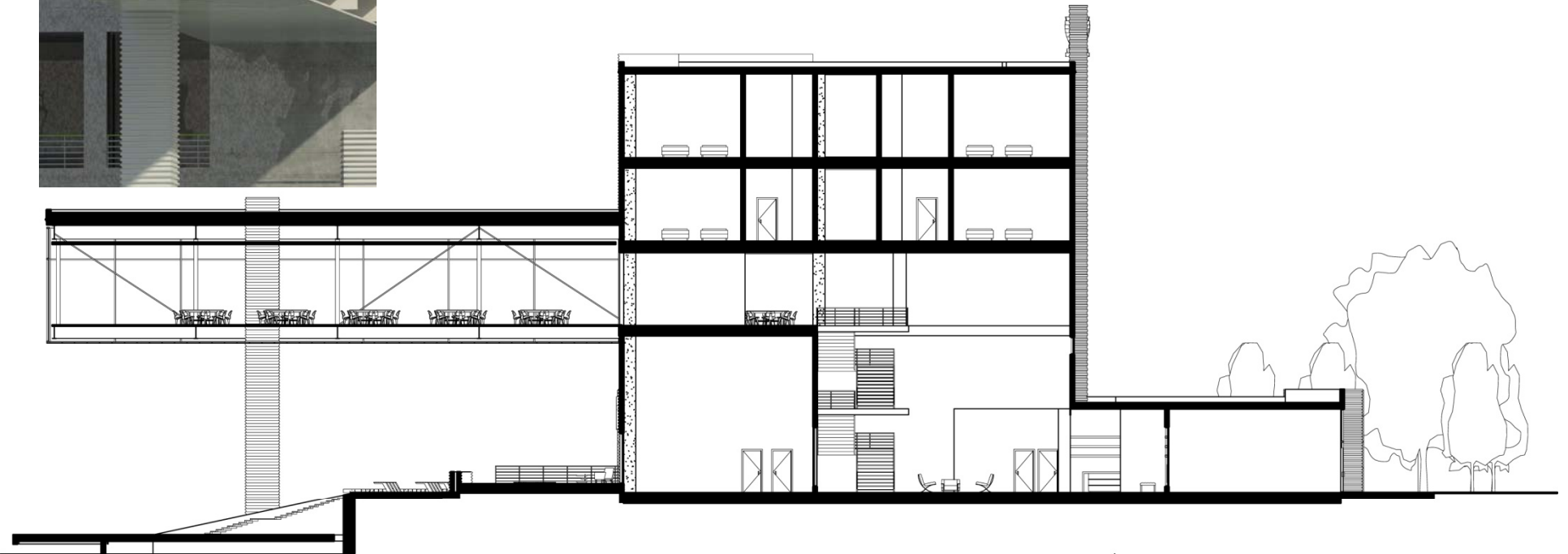


foundation typ.



wall type

parapet



structure

D O U V I E R I T H E S I S

integrated wind turbines

green roofs

recycled materials

operable wdw's

emphasis on pedestrian



sustainable

D o u v i e r I T H E S I S



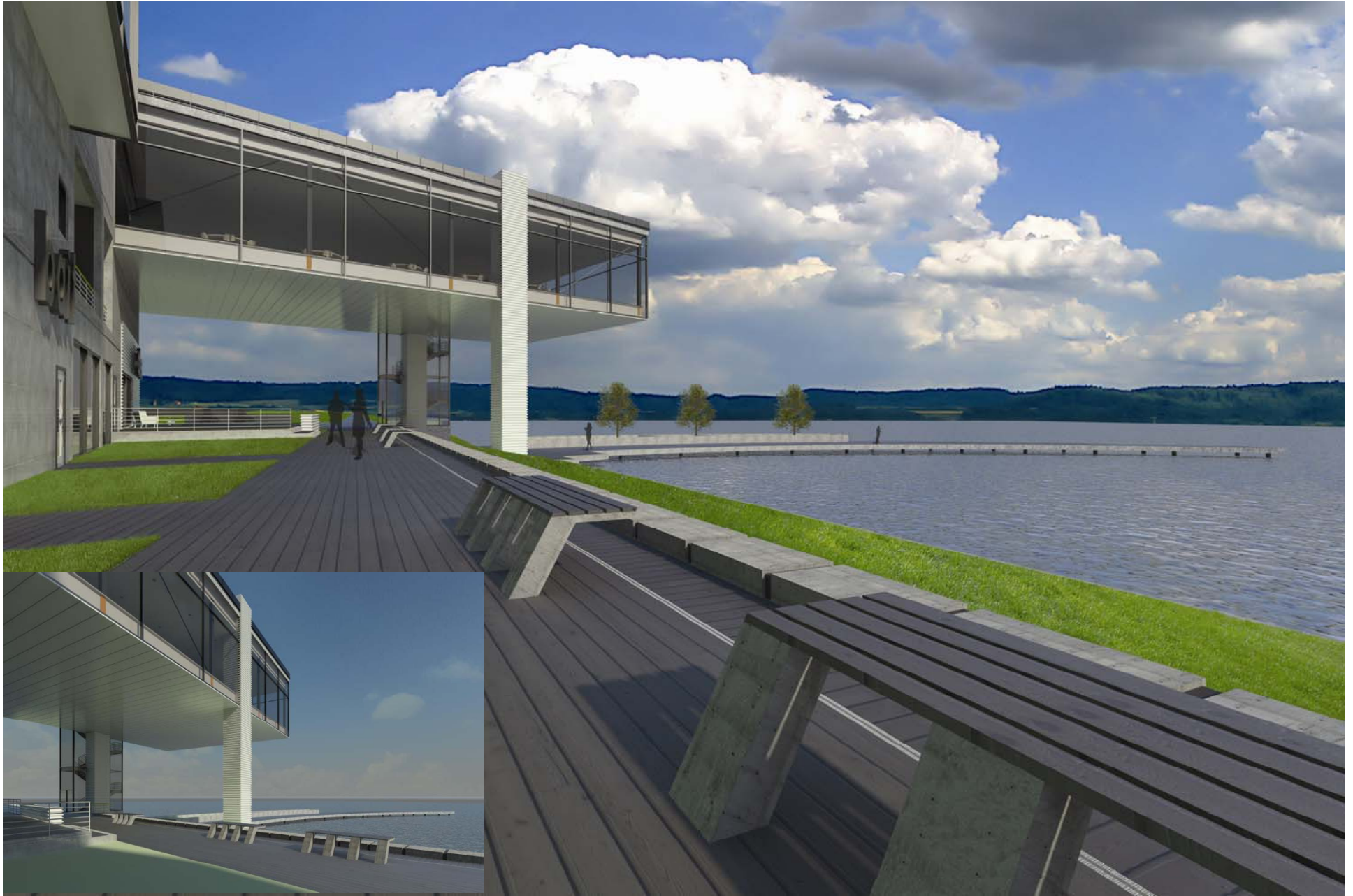
e n t r y

D o u v i e r I T H E S I S



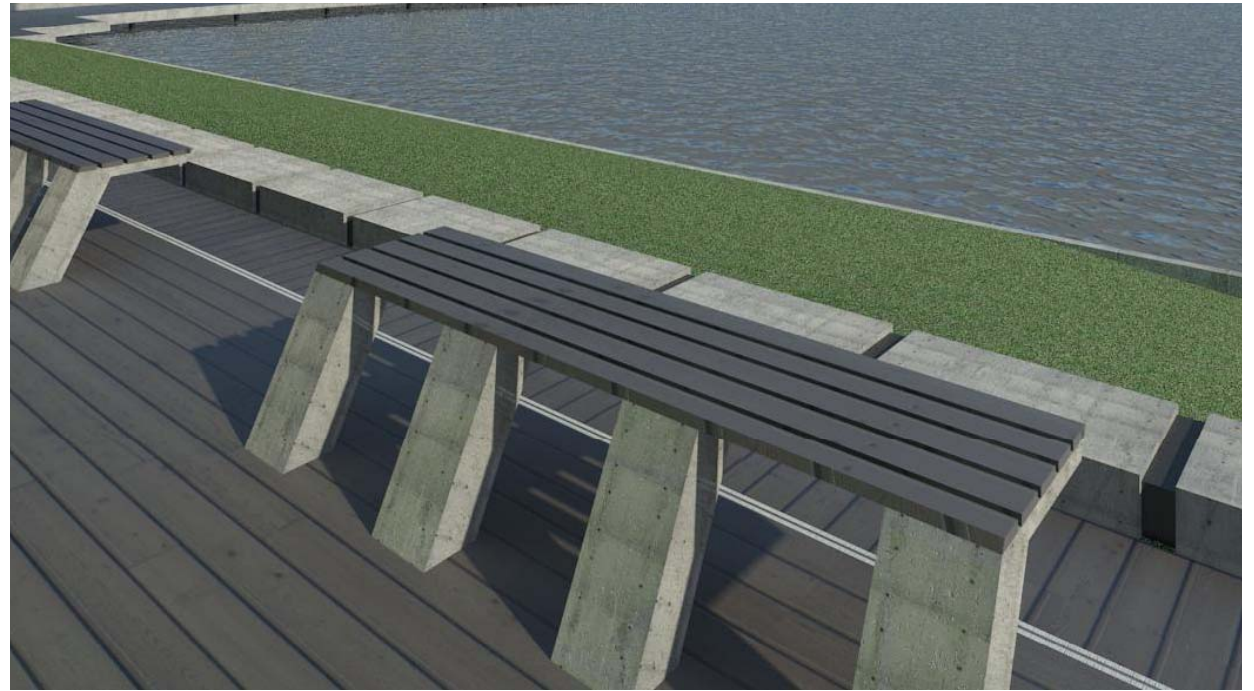
retail

D O U V I E R I T H E S I S



views

D O U V I E R I T H E S I S



pedestrian focus

D O U V I E R I T H E S I S



l o b b y

D o u v i e r I T H E S I S



hotel suite

D o u v i e r I T H E S I S



design

D O U V I E R I T H E S I S



questions ...

D o u v i e r I T H E S I S