





How can a growing first-ring suburban city restore a

community identity?



project typology

Community Center + Library  
[Riverfront Development]

project site

Sartell, MN



# theoretical premise

The design will be re-discovering the city's historical influence to aid in restoring a sense of community identity.

# premises

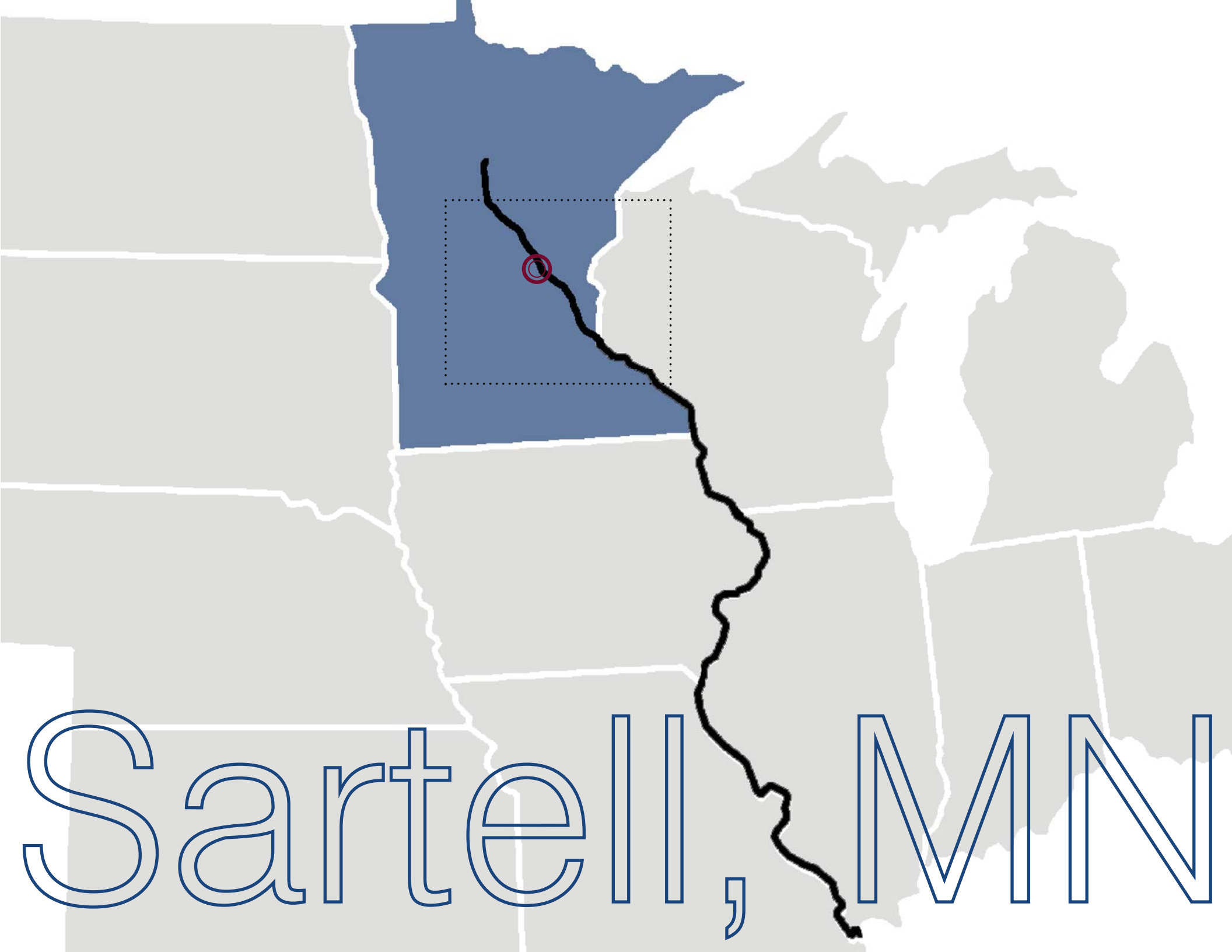
- Population growth
- Downtown abandoned
- Historical origin
- ‘Front Door’ to city

“they must feel that it is at gut-level, theirs; that they are willing to fight over it and for it. They must see it as having an importance relative to their personal interests. They must see it, at some gut level, as a community” (Garreau, Joel in *Edge City*)

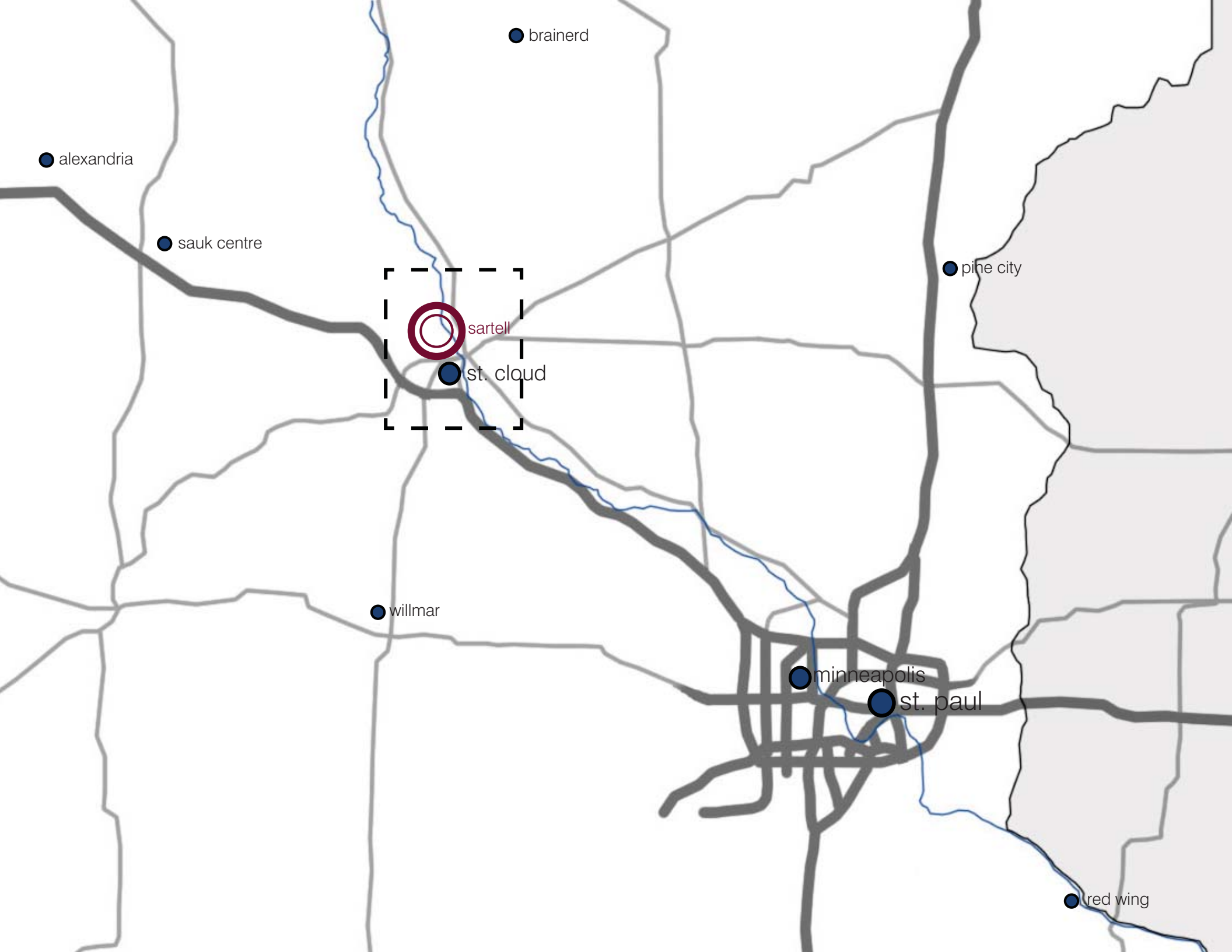


# project justification

The city of Sartell has experienced a loss of community identity. The relationship between the paper mill and the Mississippi River has historic value and is a framework for the re-vitalization of the city's origin.



Sartell, MN



brainerd

alexandria

sauk centre



sartell

st. cloud

pine city

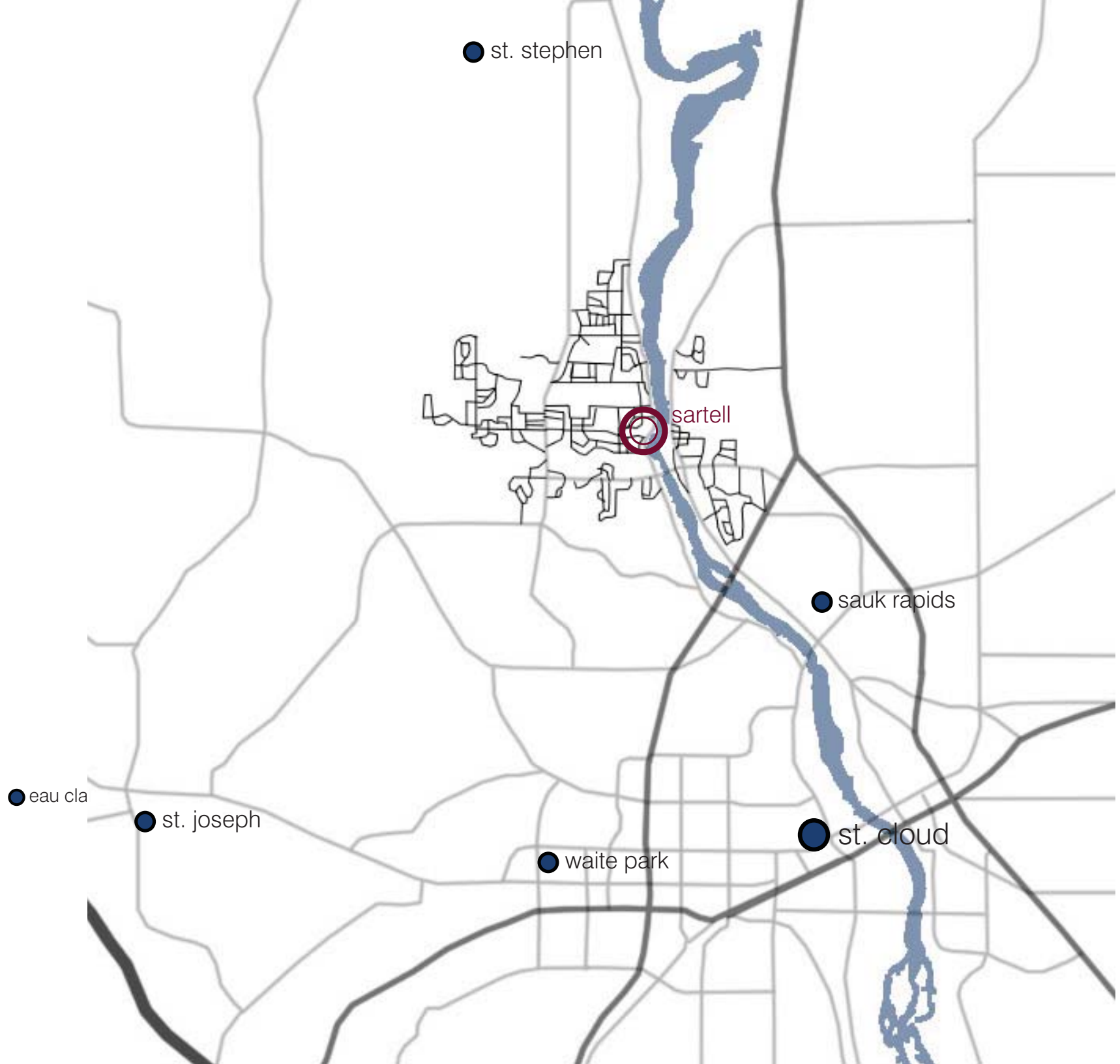
willmar

minneapolis

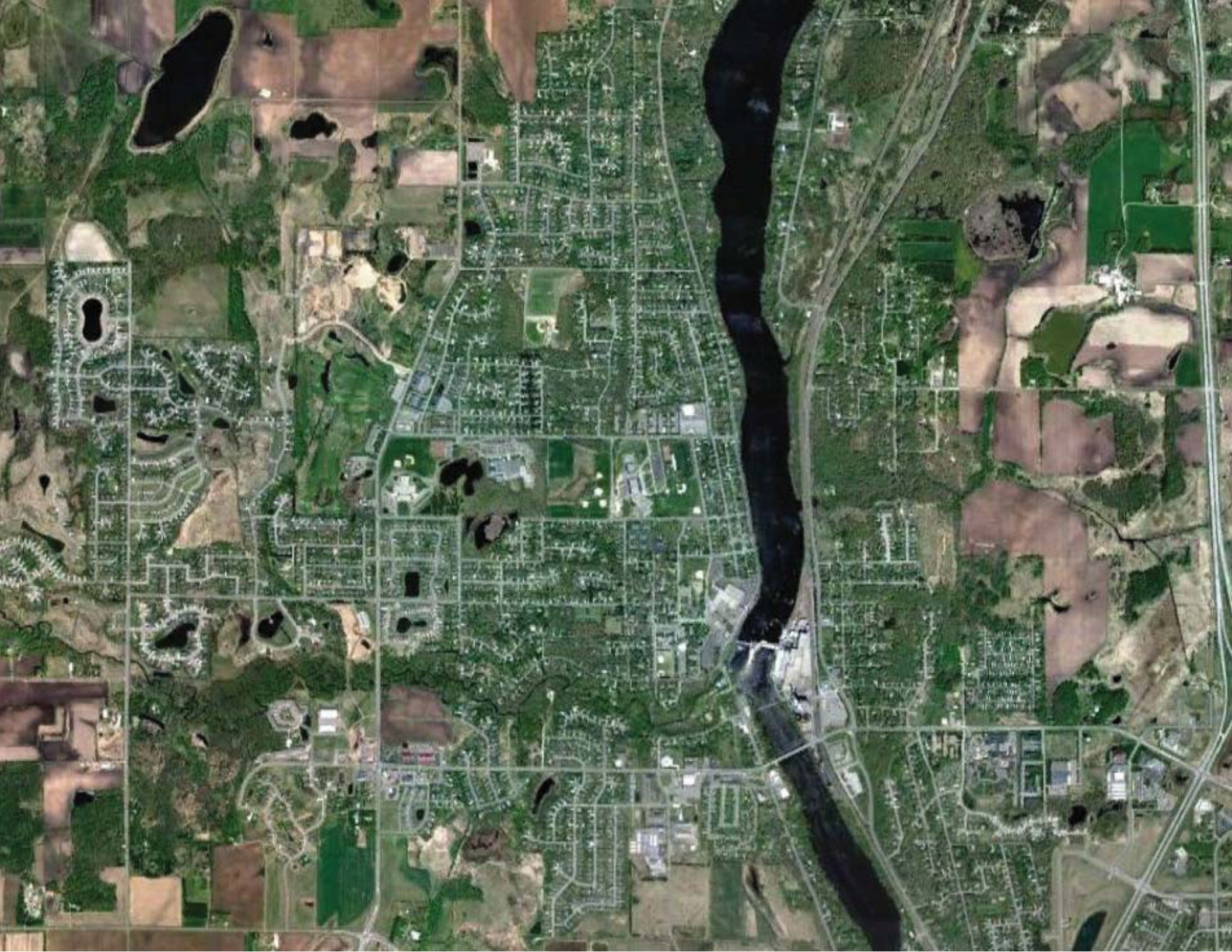
st. paul

red wing













elementary school



high school



middle school



deZURIKS



catholic school



verso paper mill















Highway 10









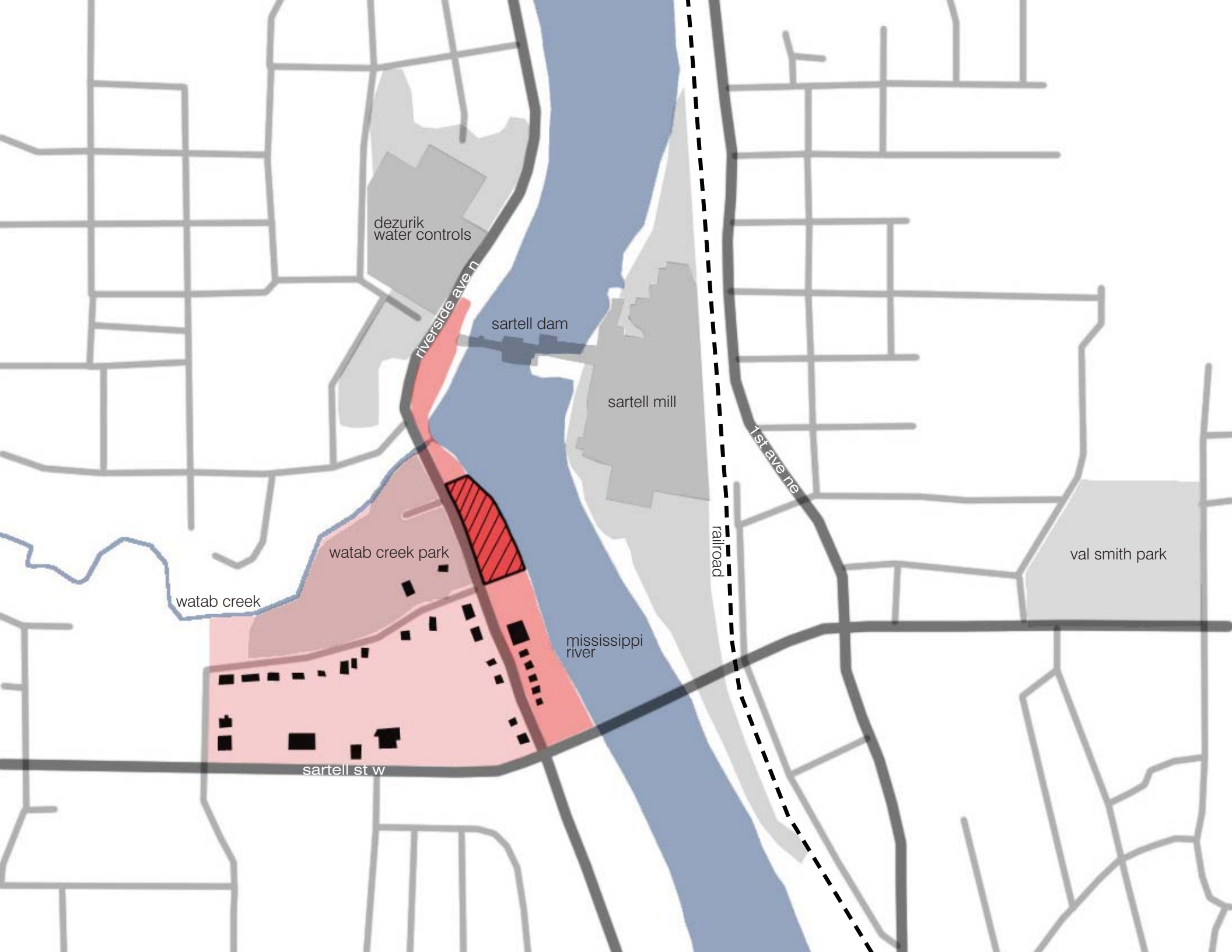












dezurik  
water controls

sartell dam

sartell mill

riverside ave n

1st ave ne

railroad

val smith park

watab creek park

watab creek

mississippi  
river

sartell st w





1

Riverside Ave N

Sartell St W

ST W









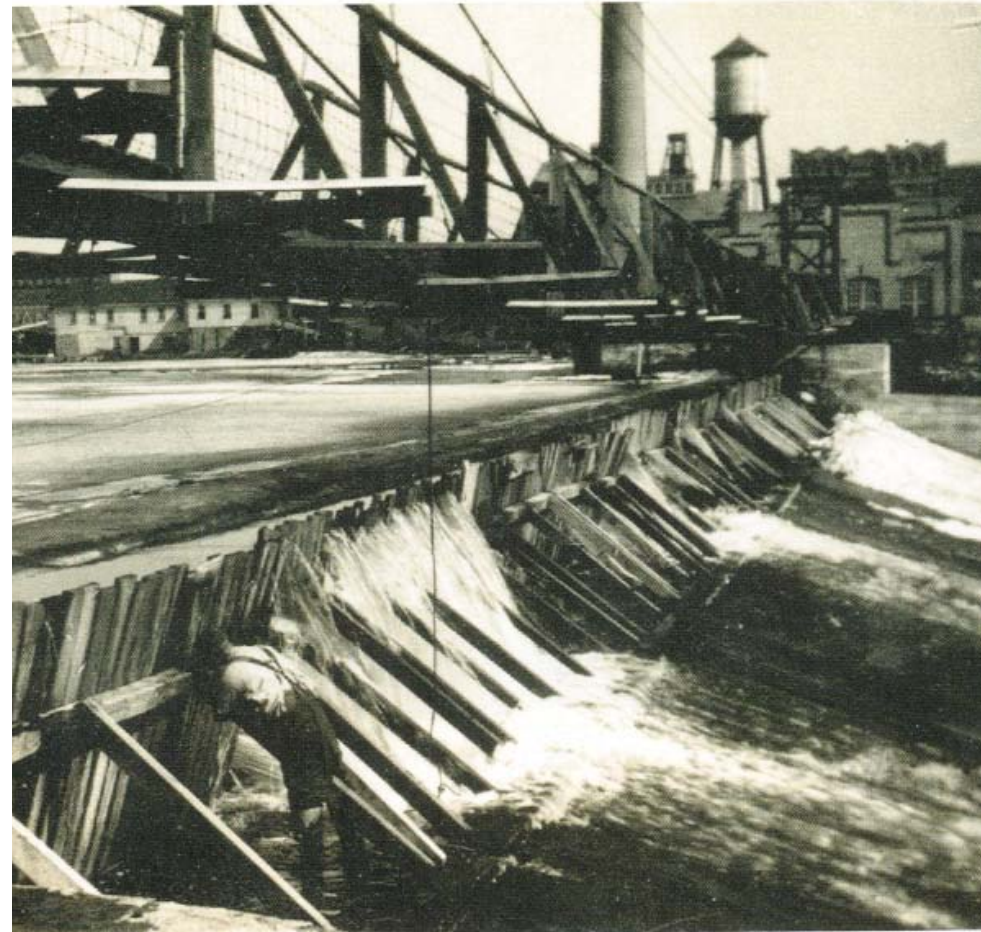
- mississippi river
- 100 year flood
- 500 year flood
- floodway line



*Area known  
as the Hobo  
Jungle*

*Northern  
Pacific  
Coal Docks*

*Northern  
Pacific  
Depot*

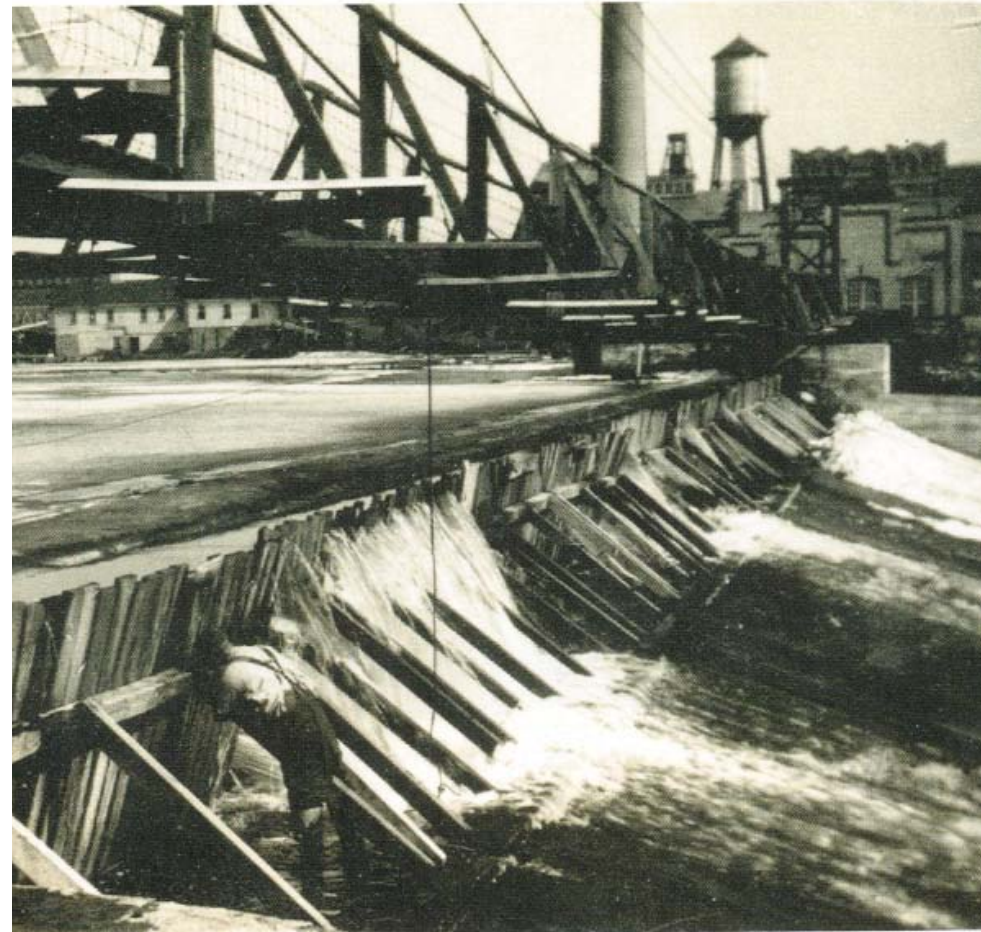




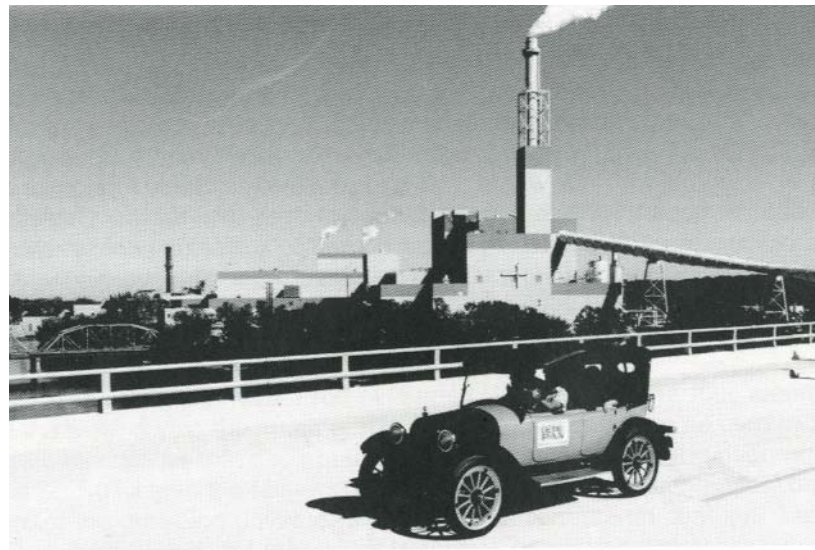
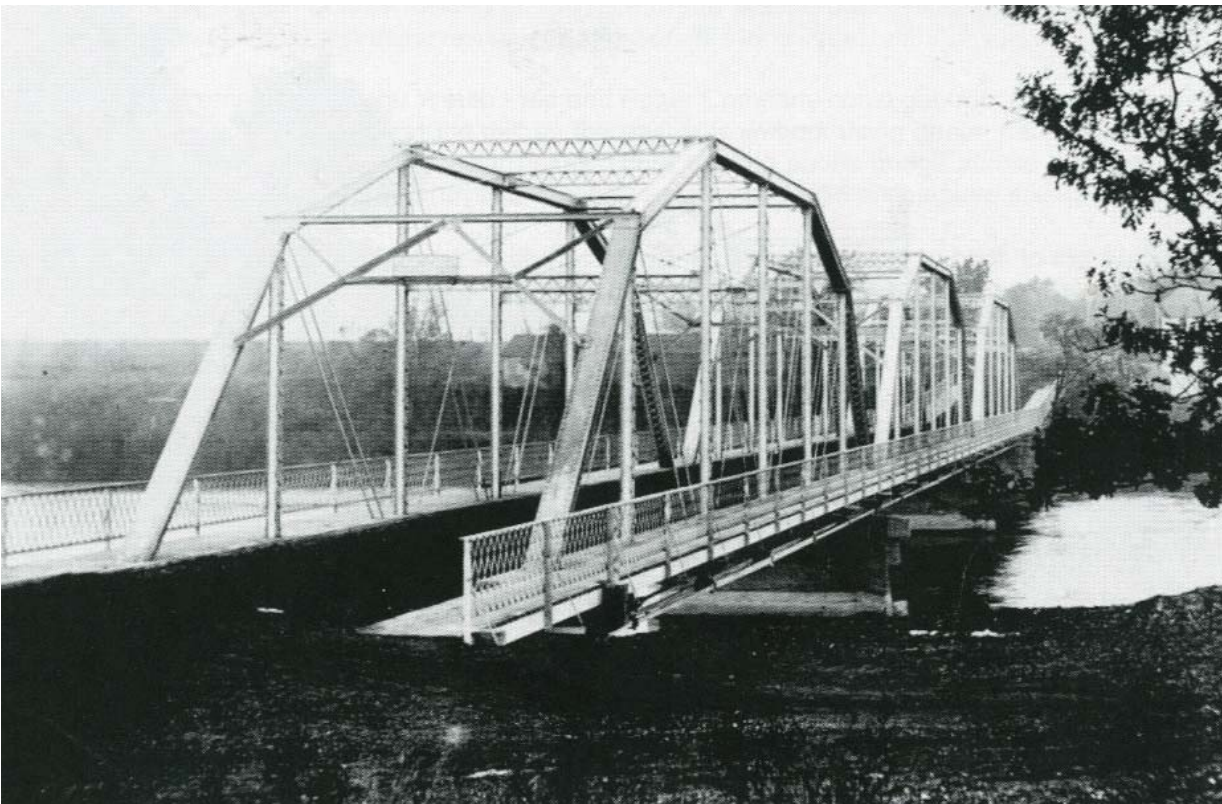
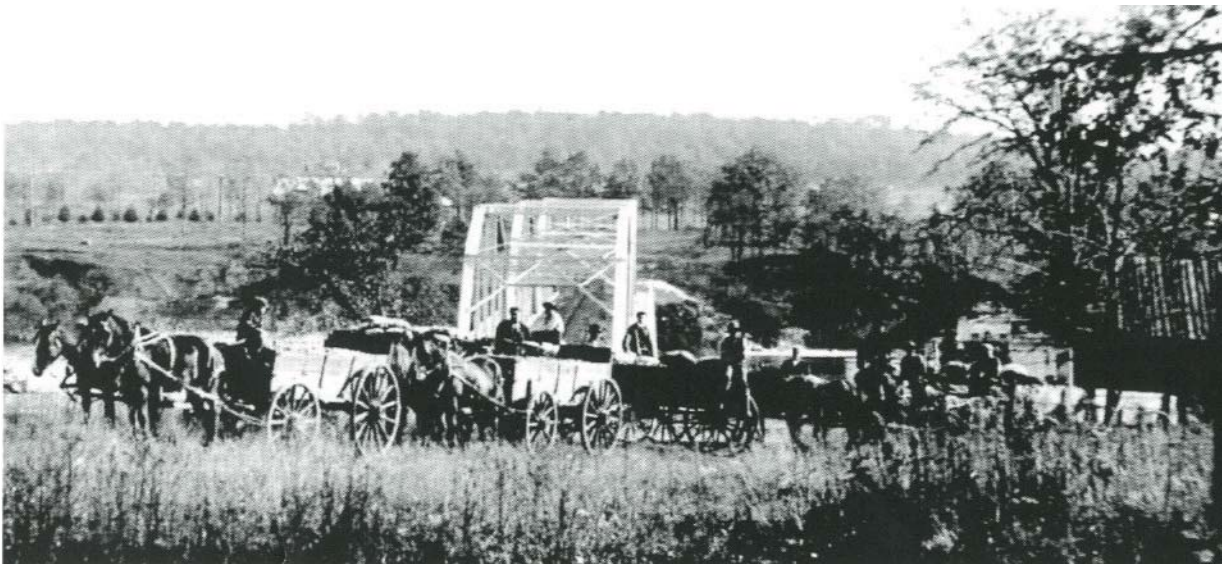
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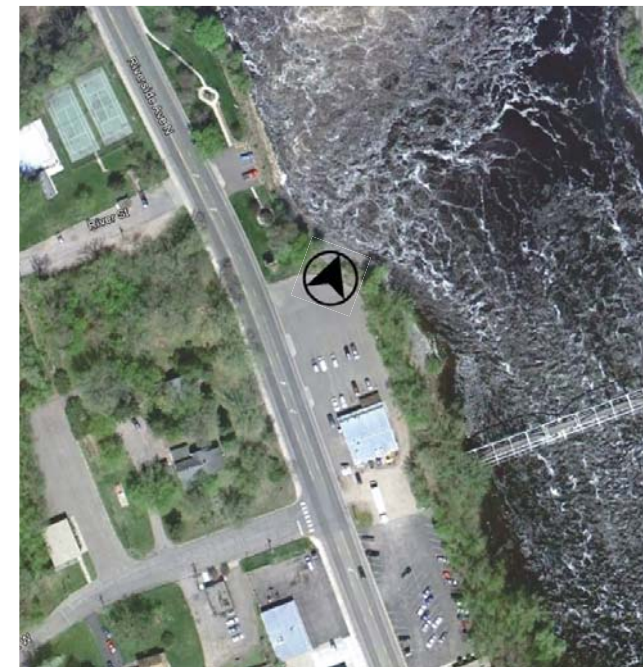
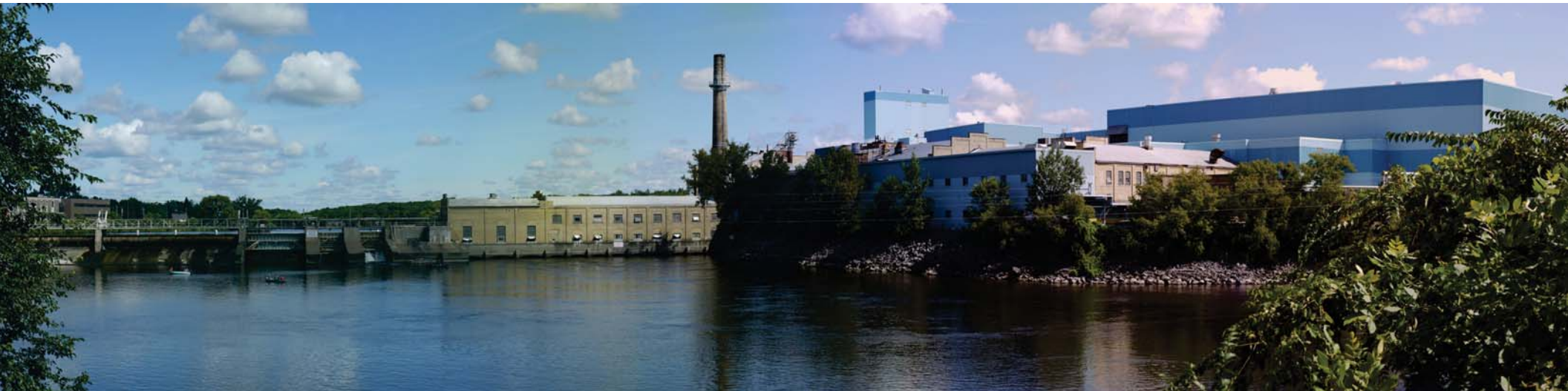




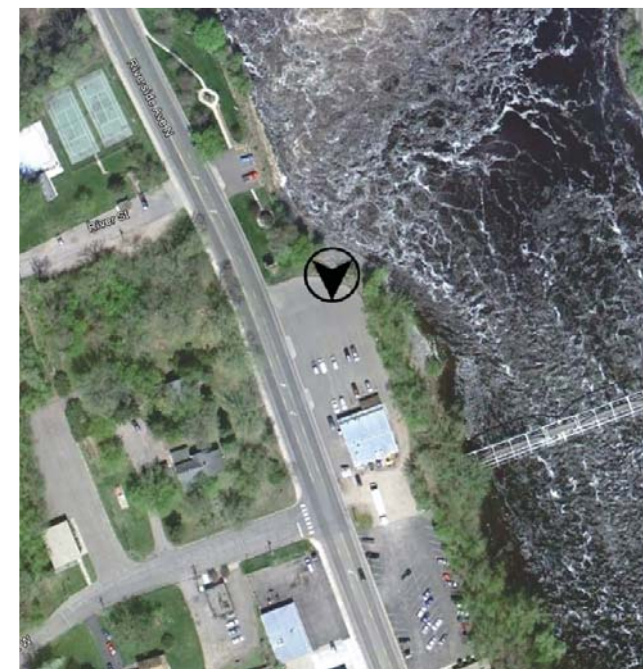








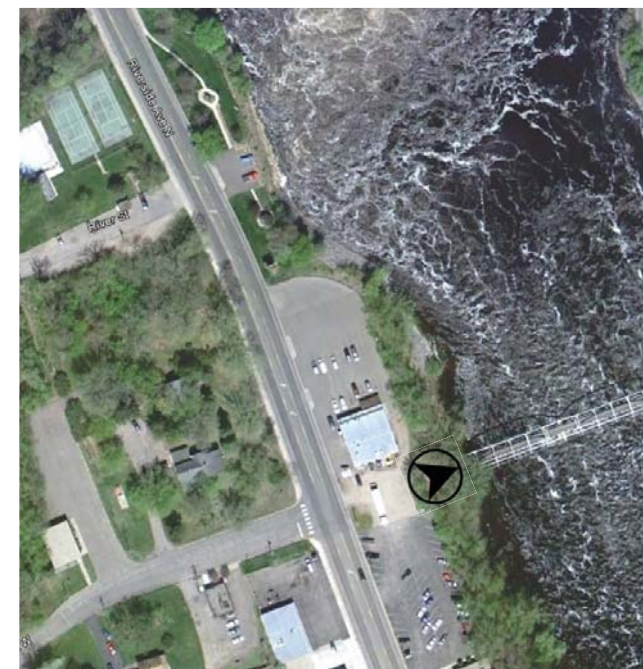
























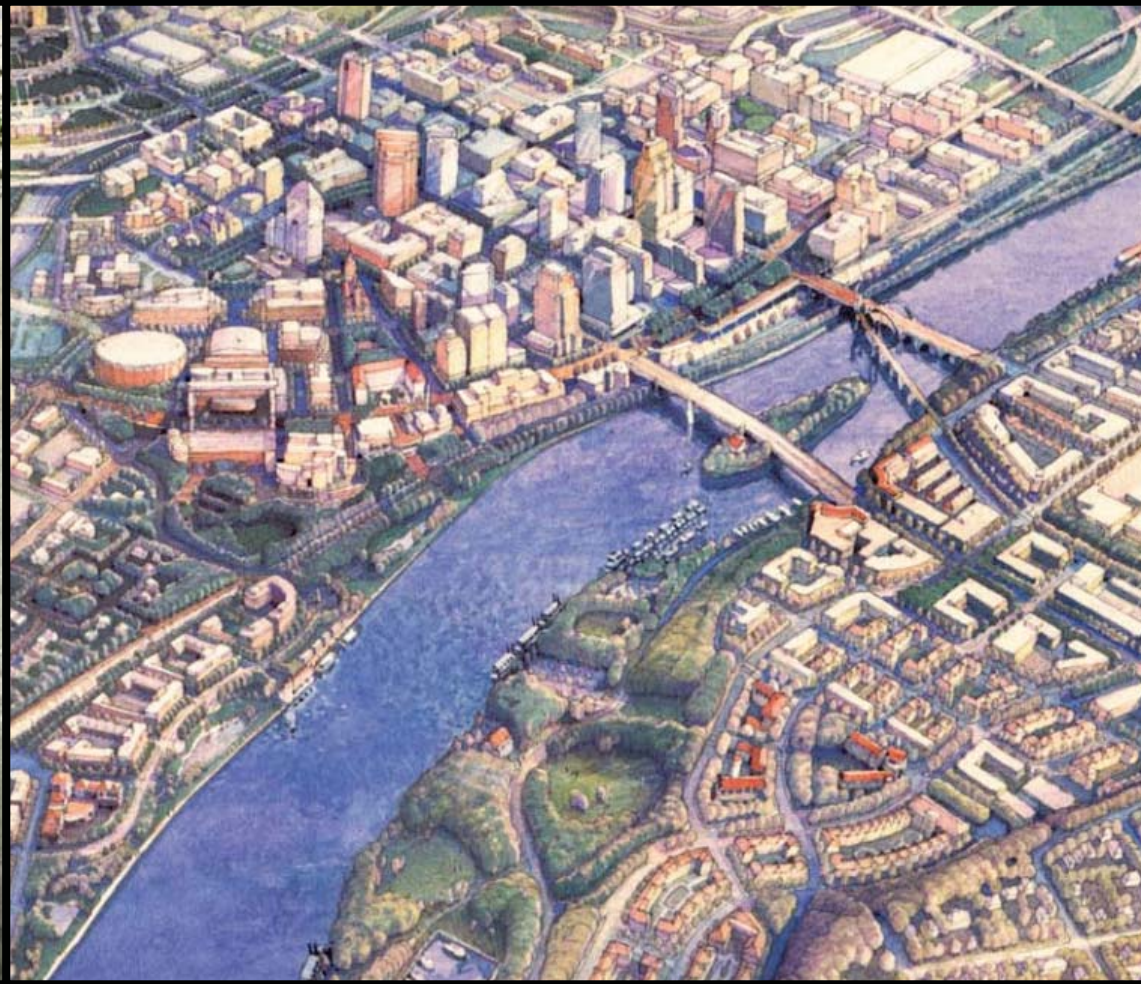
# research topics

- Establishing a sense of community identity
- Re-connecting city and river
- Waterfront development
- Mixed-use development

*The Minneapolis Riverfront Vision and Implementation*



*Saint Paul on the Mississippi Development Framework document*





# 10 principles that underpin the framework

*Promoting a more holistic approach to city building, the Development Framework reflects a fundamental shift in thinking, represented in the Ten Principles summarized below*

1 Evoke a Sense of Place

6 Ensure that Buildings Support Broader City-Building Goals

2 Restore and Establish the Unique Urban Ecology

7 Build on Existing Strengths

3 Invest in the Public Realm

8 Preserve and Enhance Heritage Resources

4 Broaden the Mix of Uses

9 Provide a Balanced Network for Movement

5 Improve Connectivity

10 Foster Public Safety



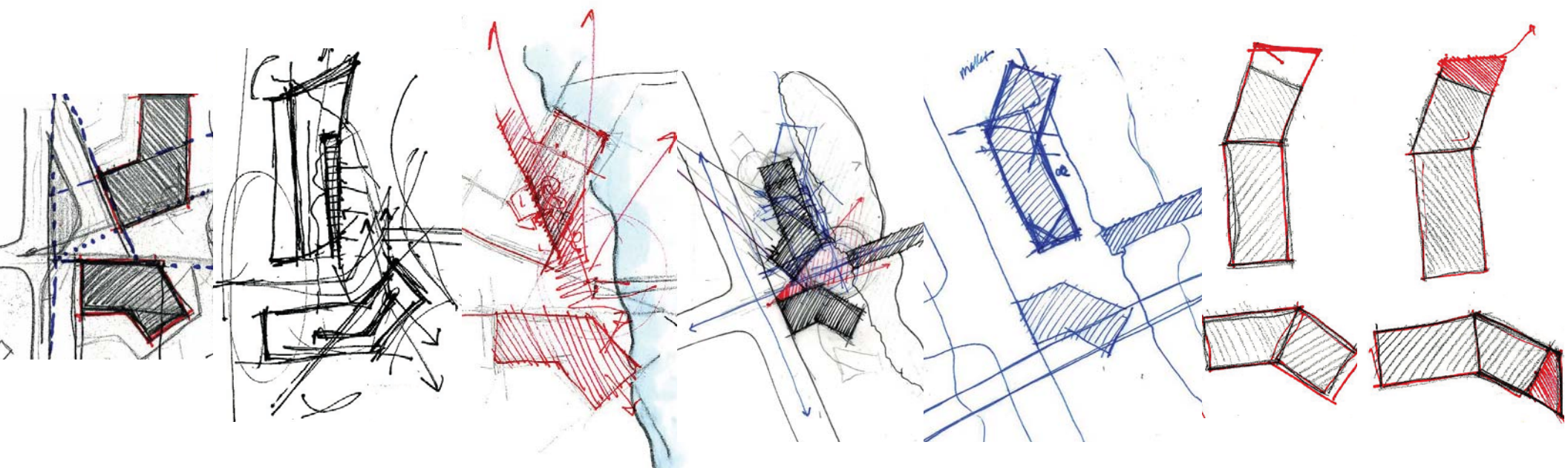
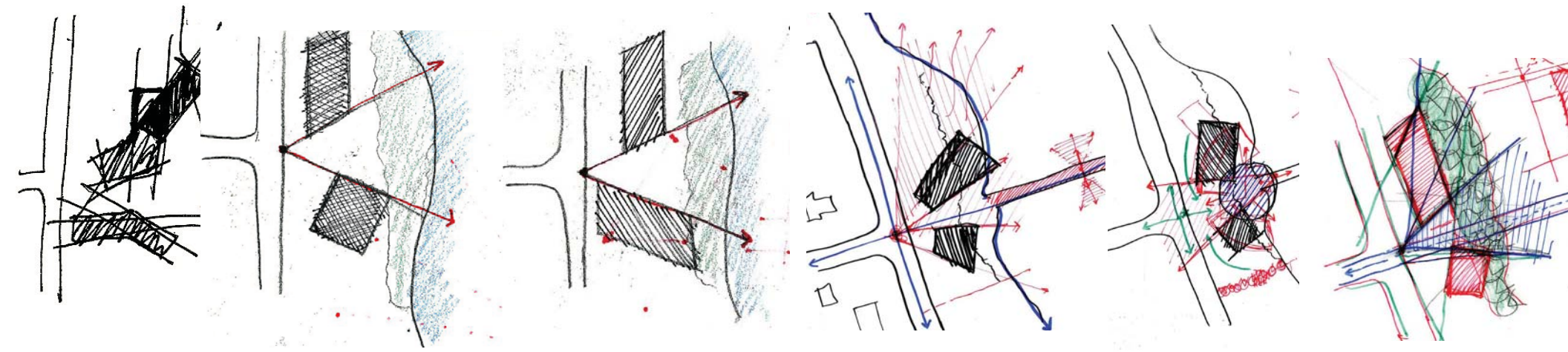
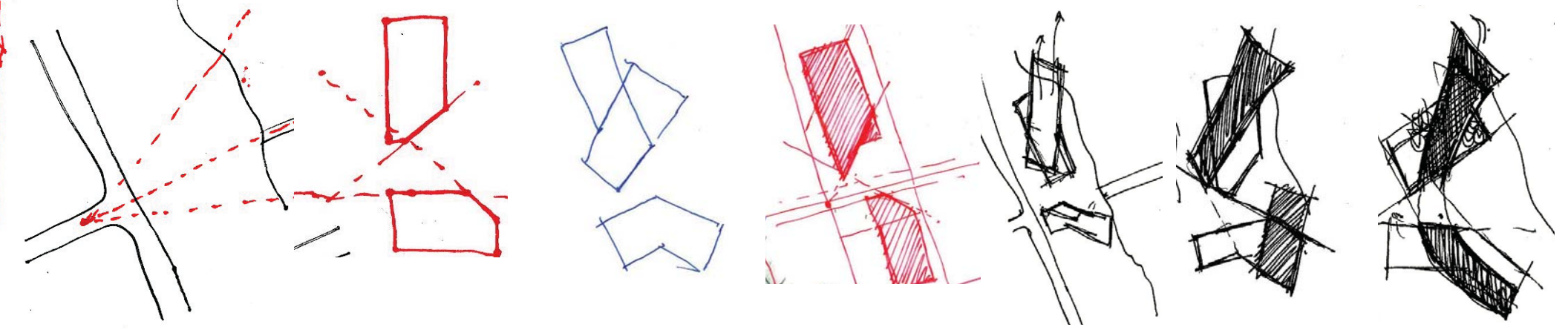




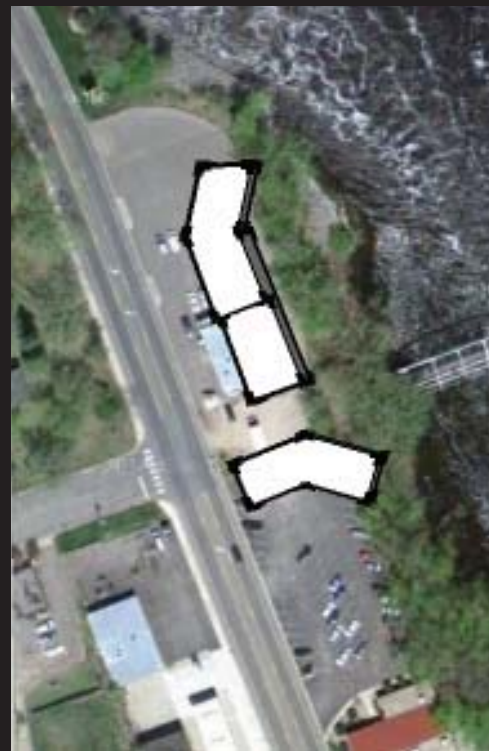
concept + process

[footprint + viewsheds]





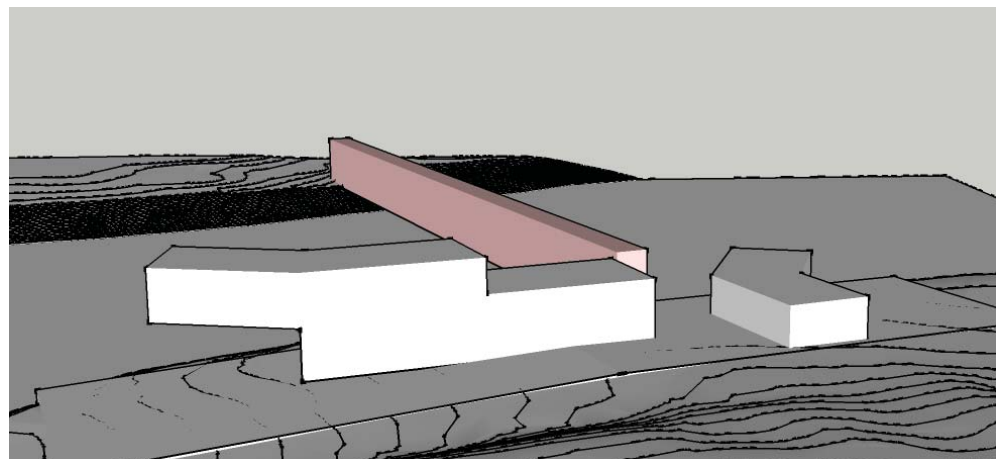
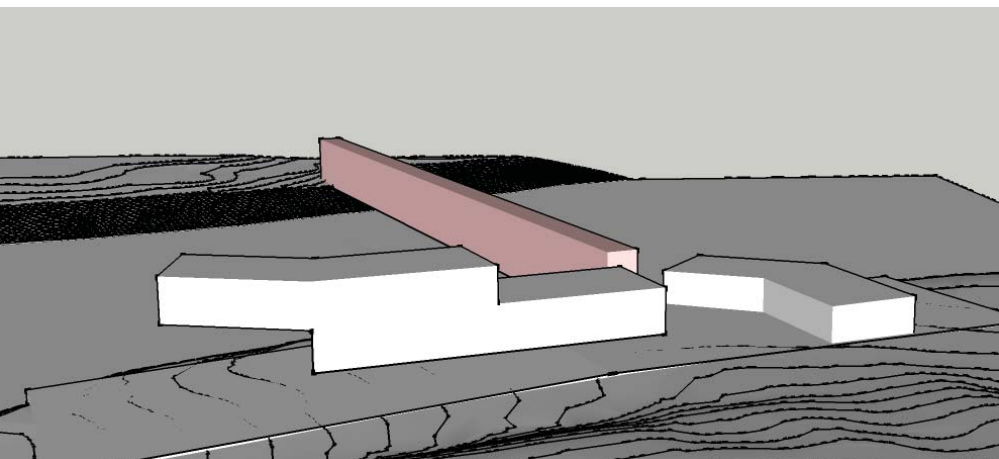
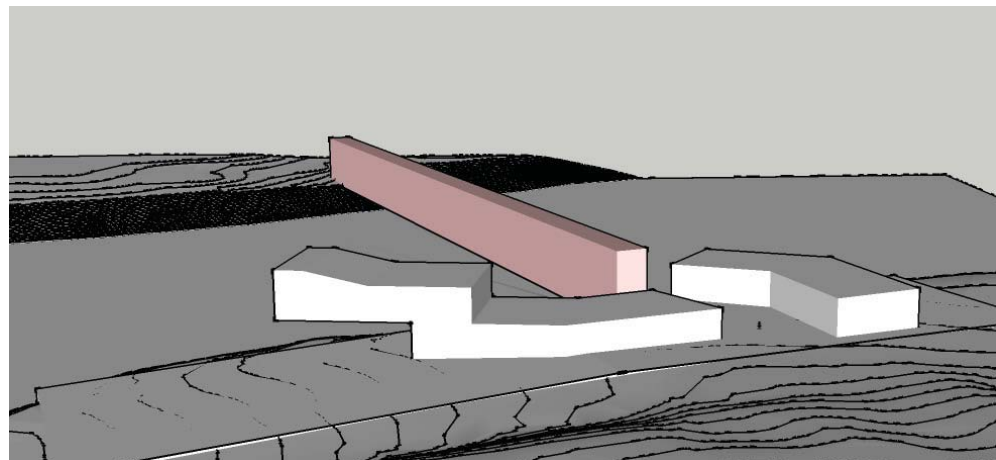
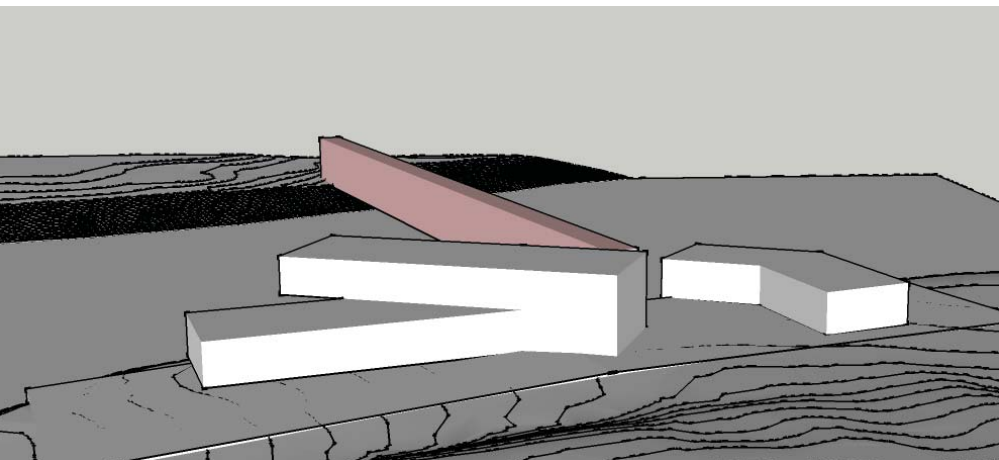
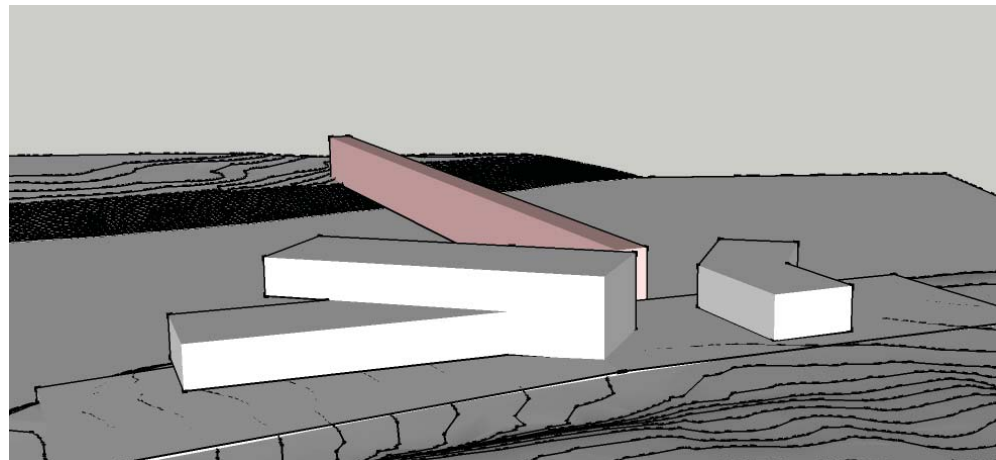
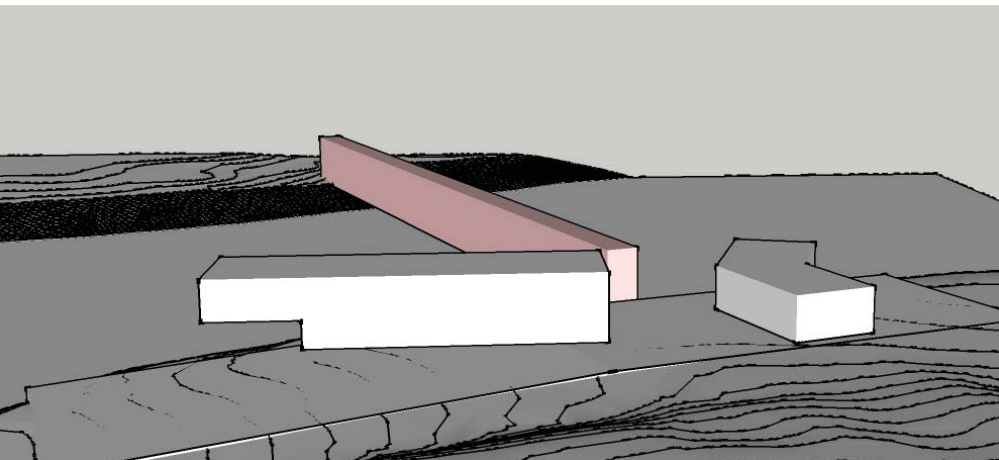




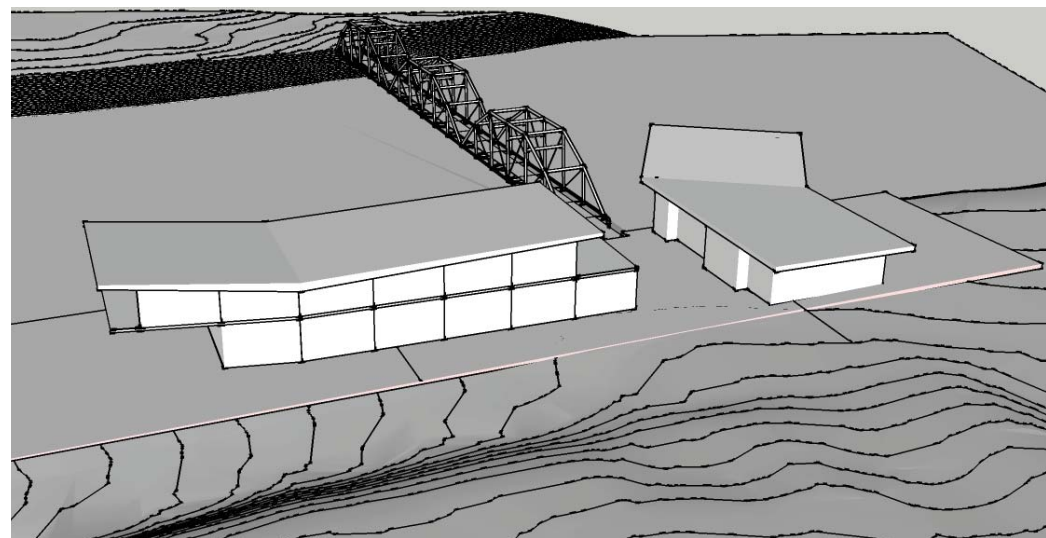
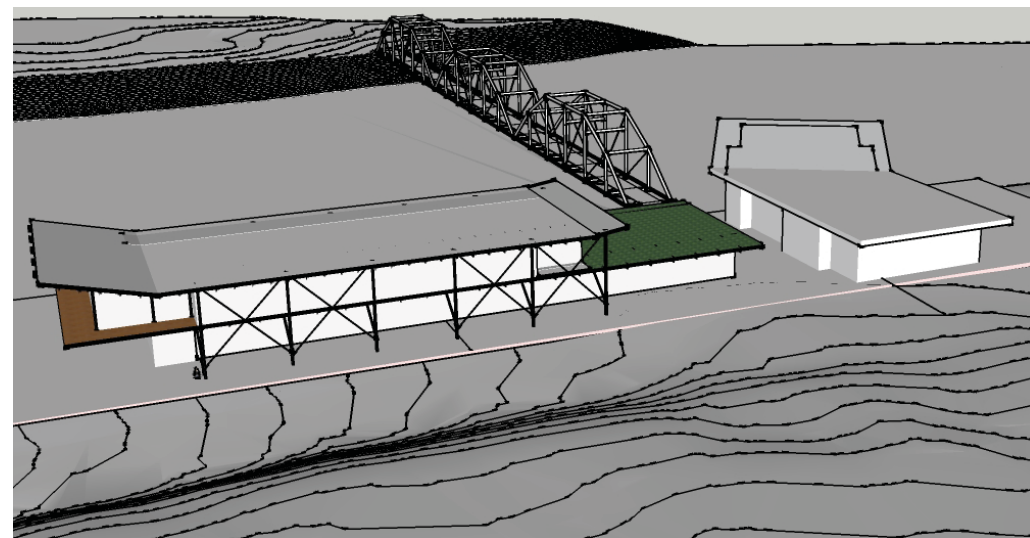
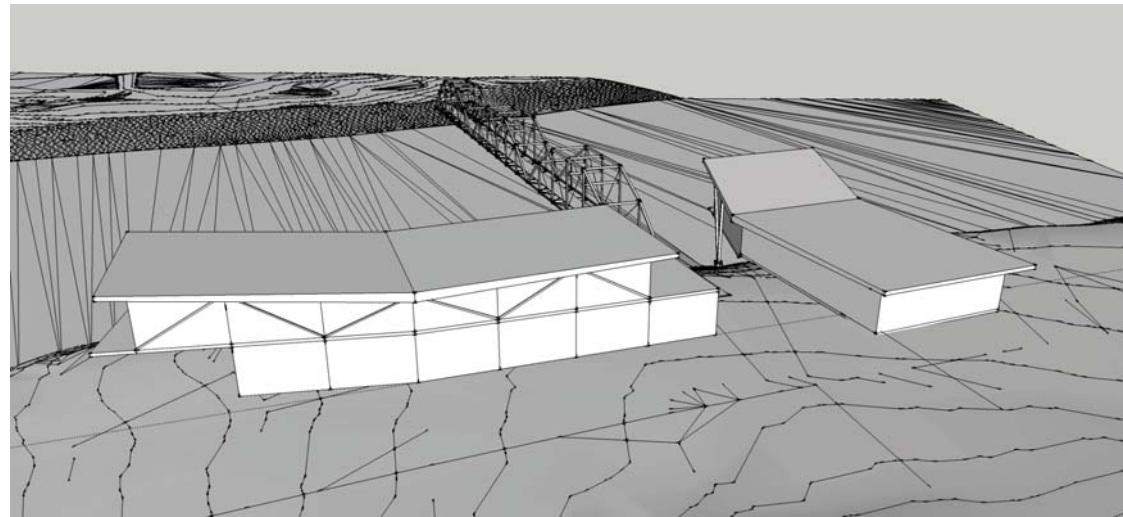
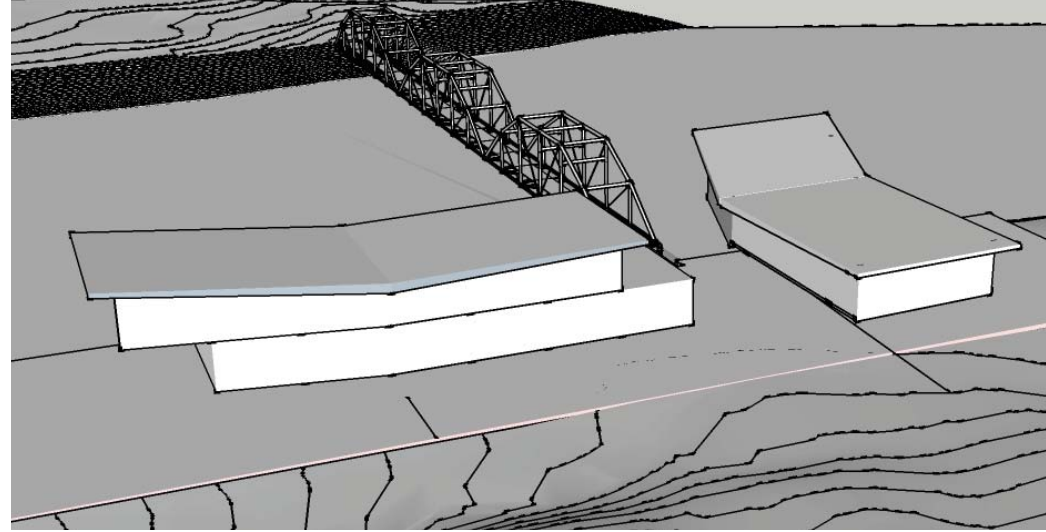
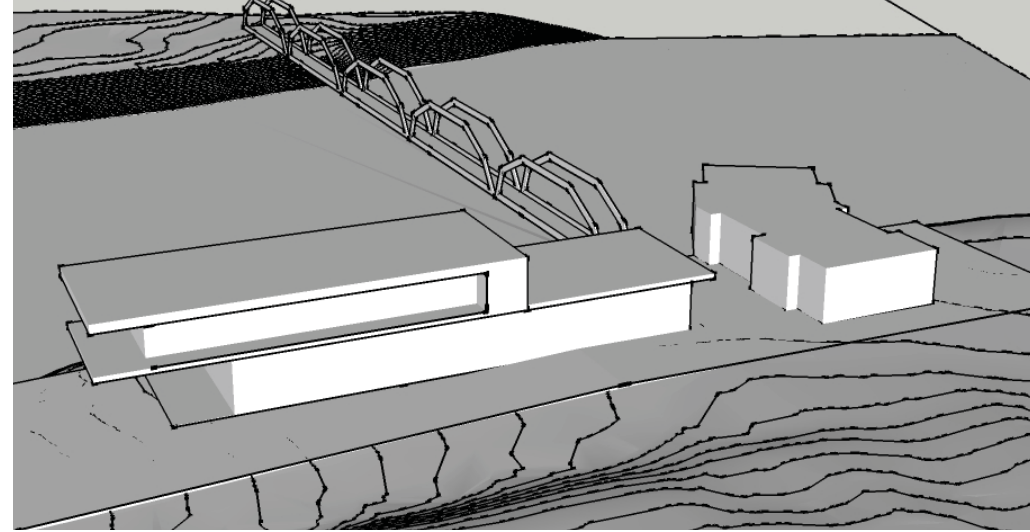


[massing + form]











[spatial organization]



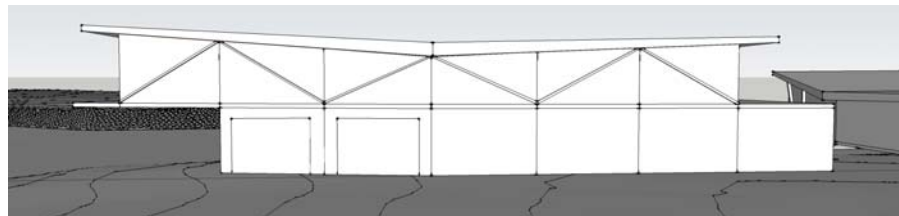
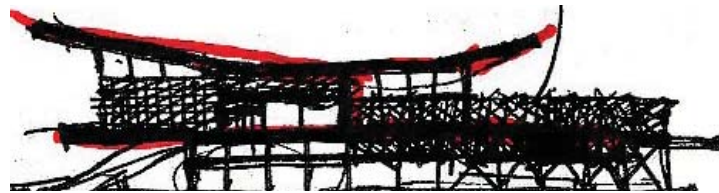
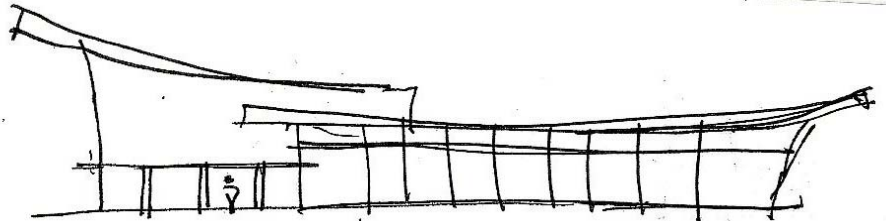
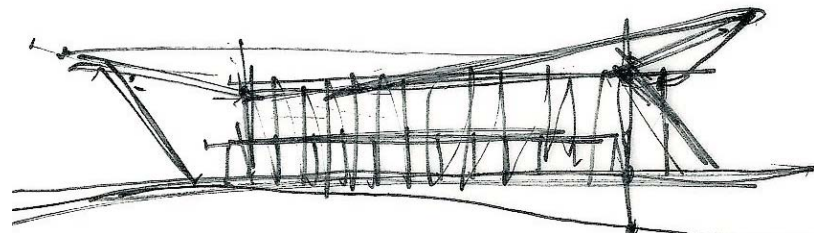
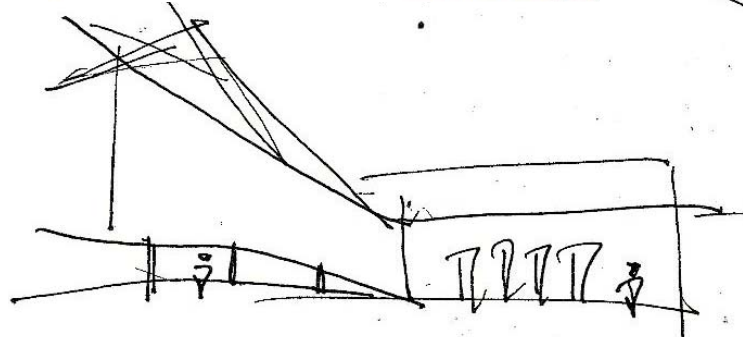
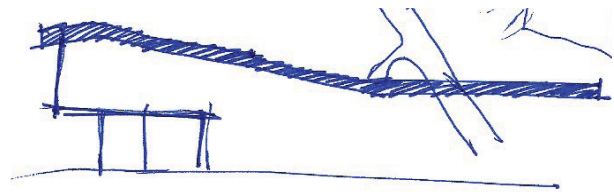
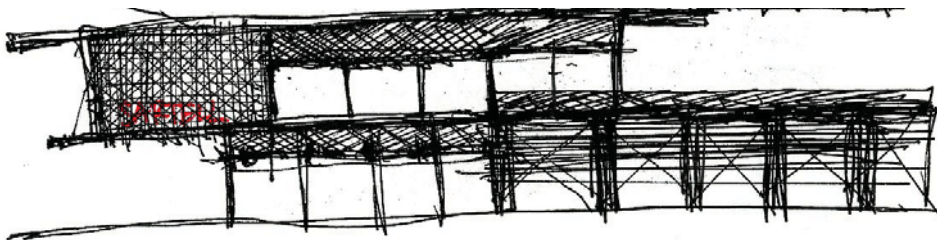
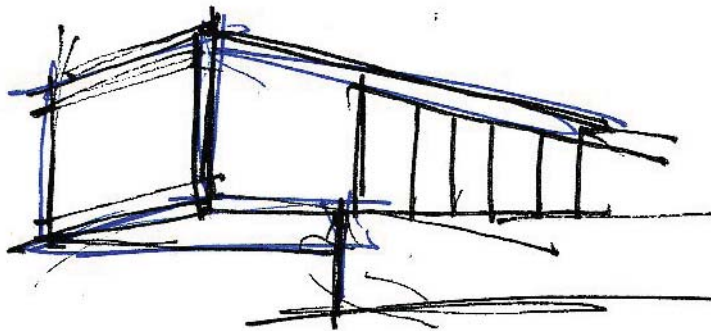
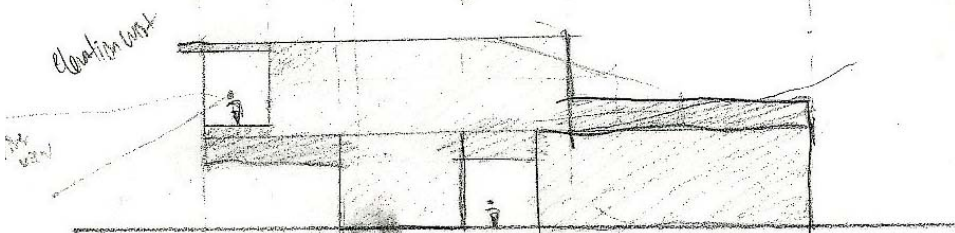
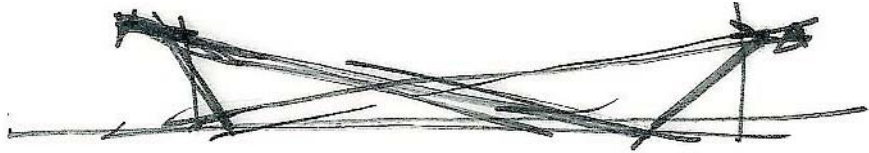
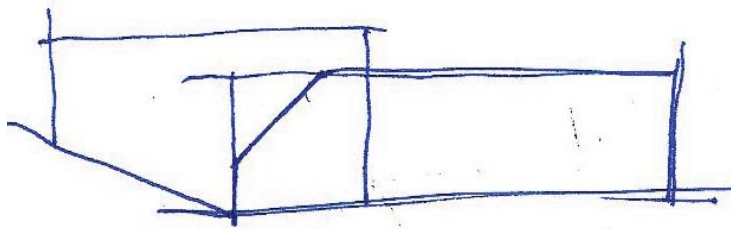




community center

[elevations]



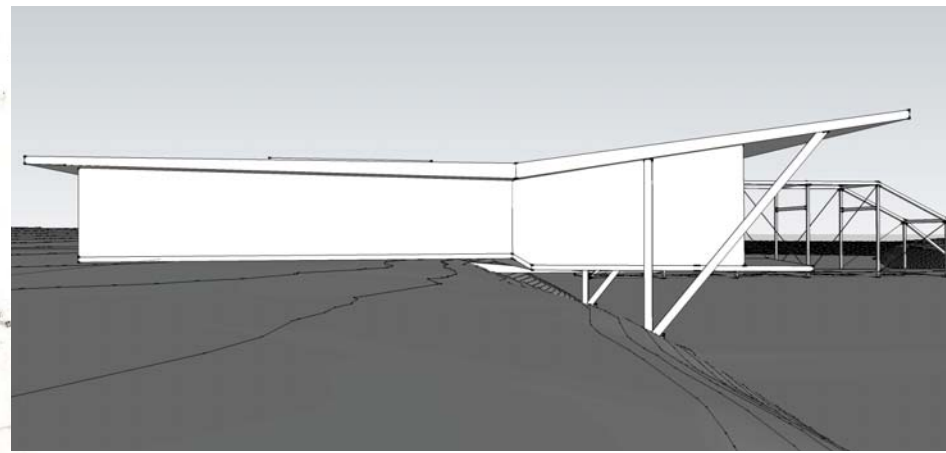
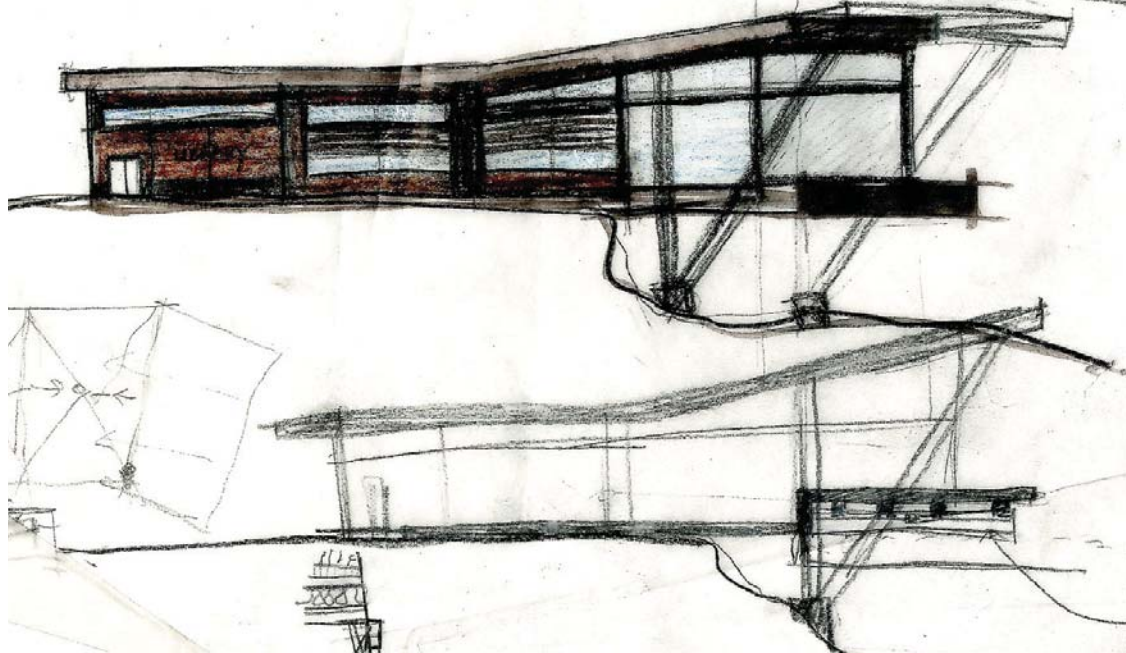
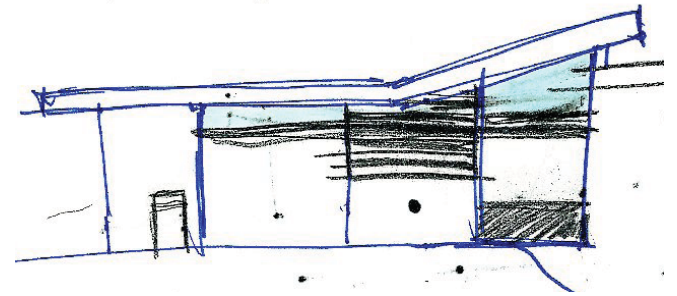
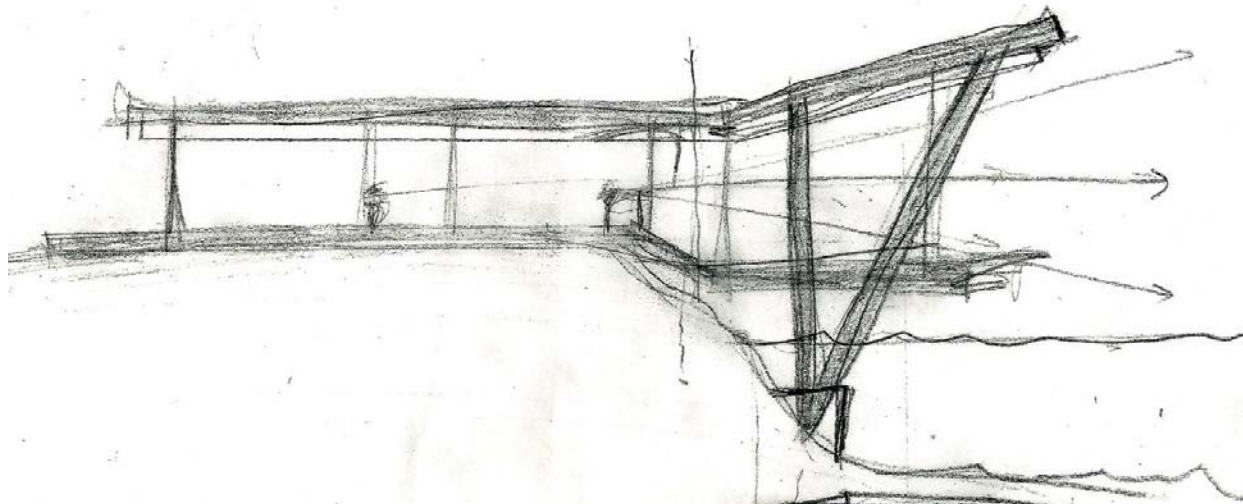
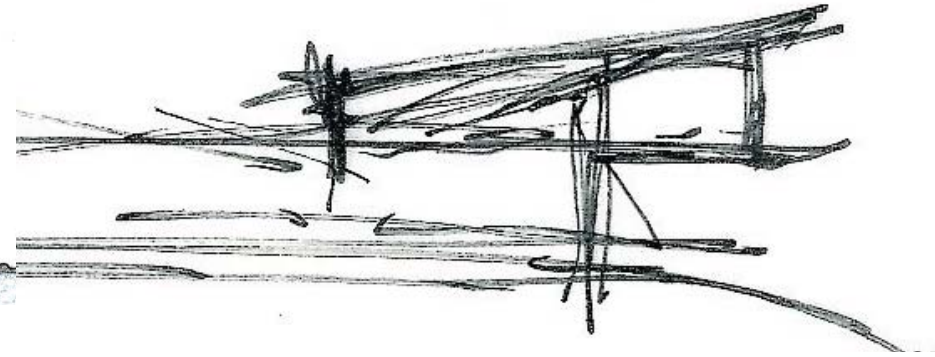
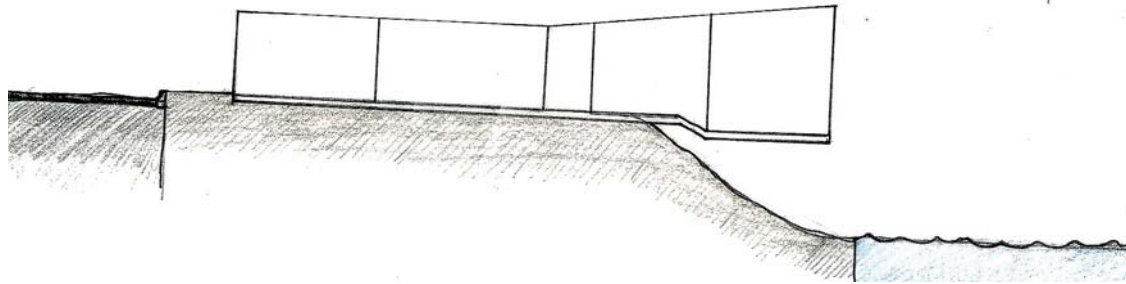




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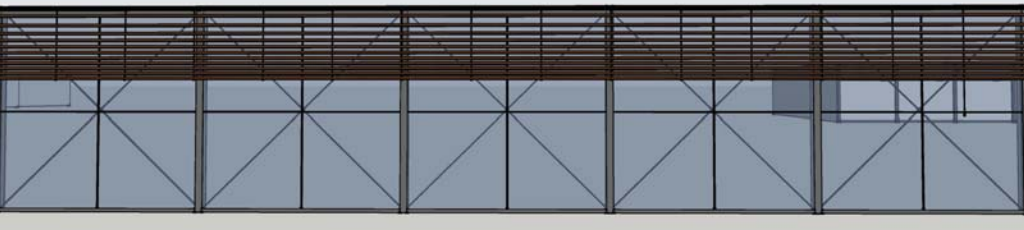
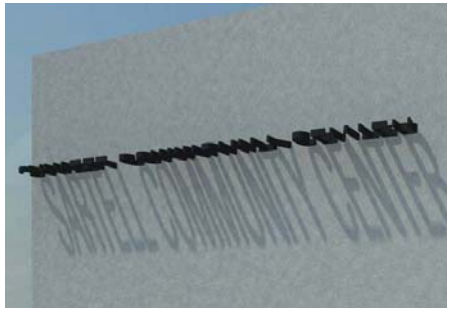
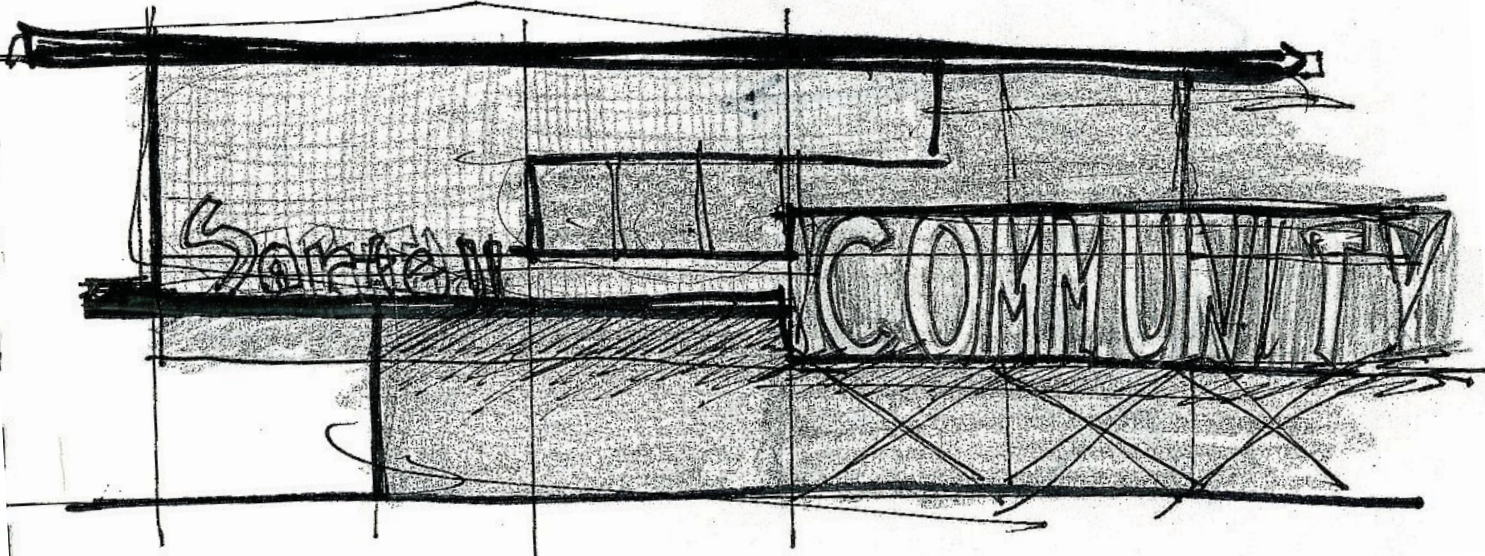
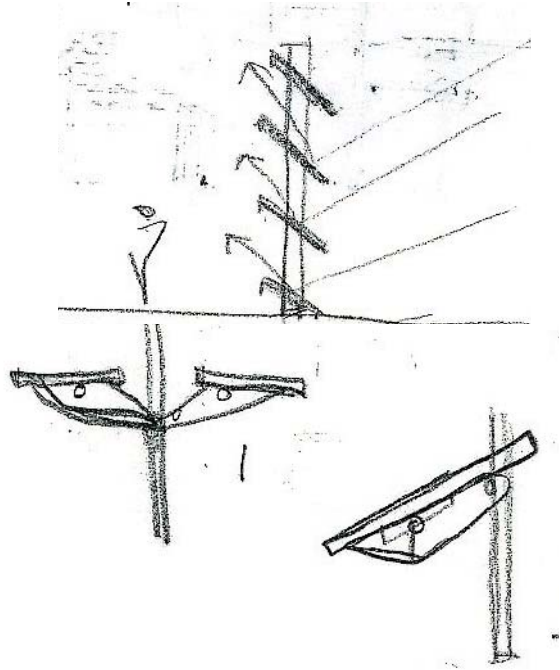
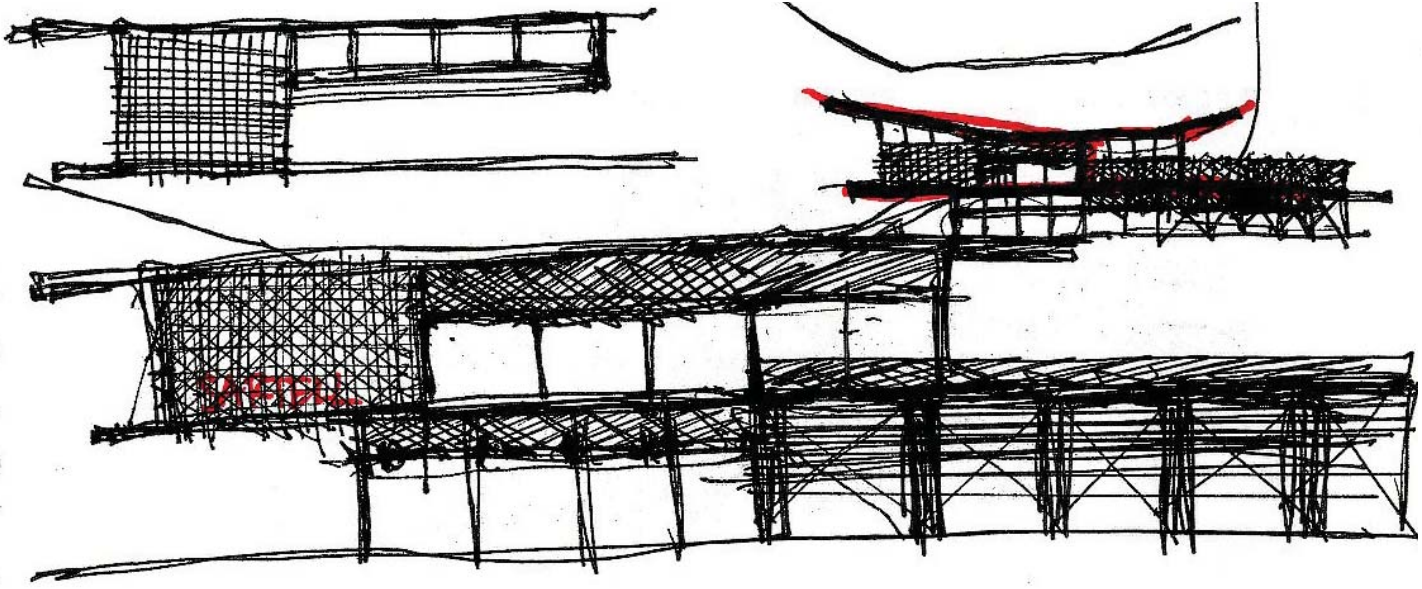
[elevations]





[shading + signage]

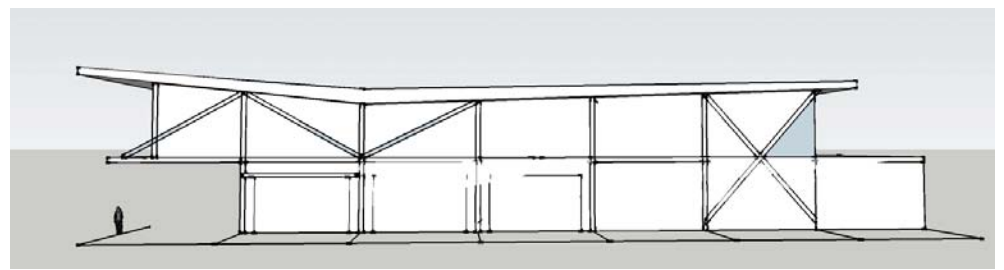
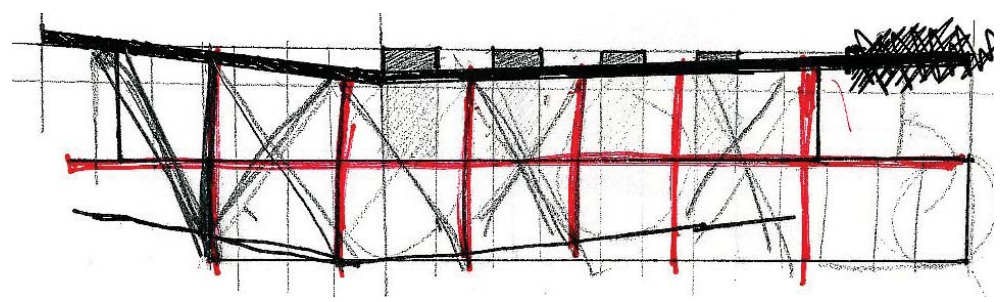
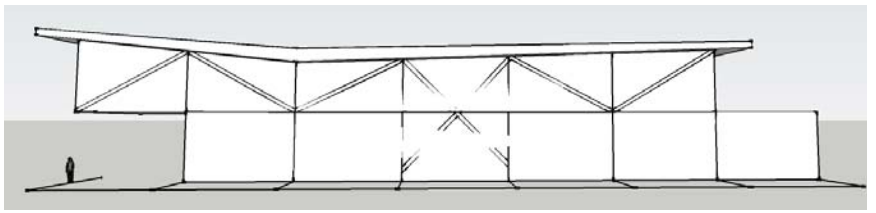
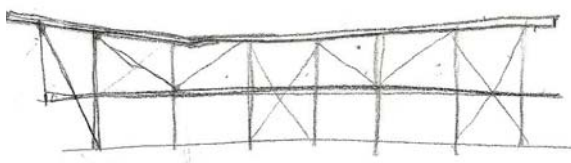
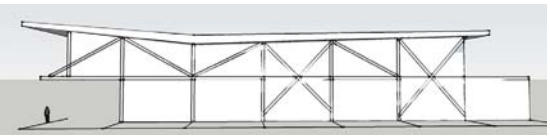
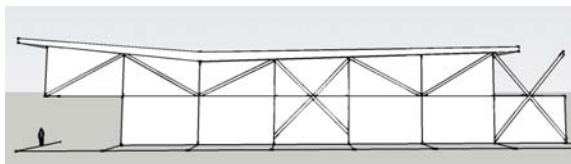
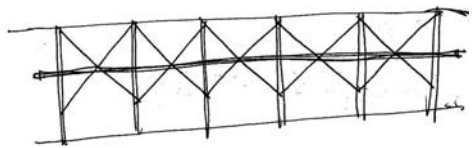
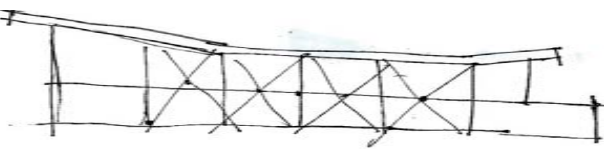
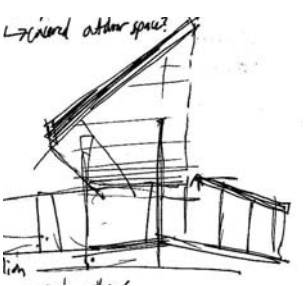
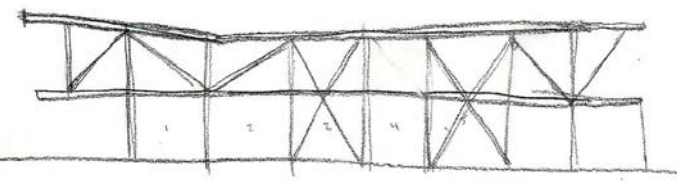
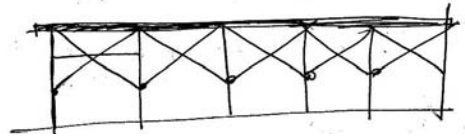
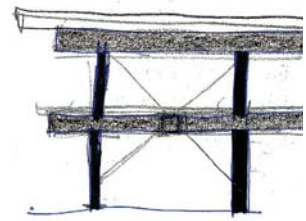
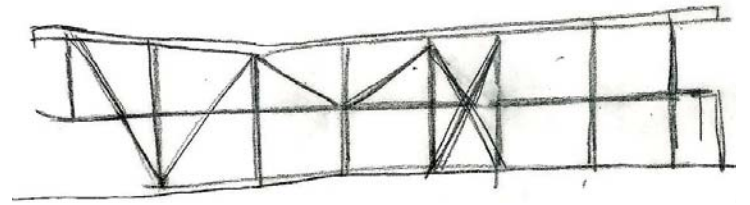
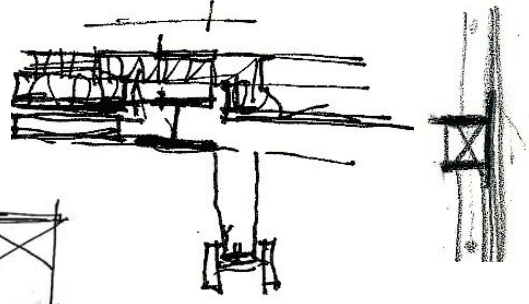
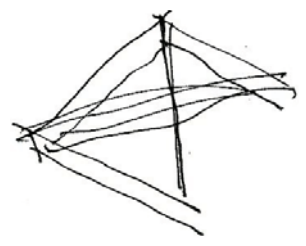
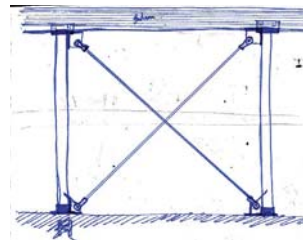
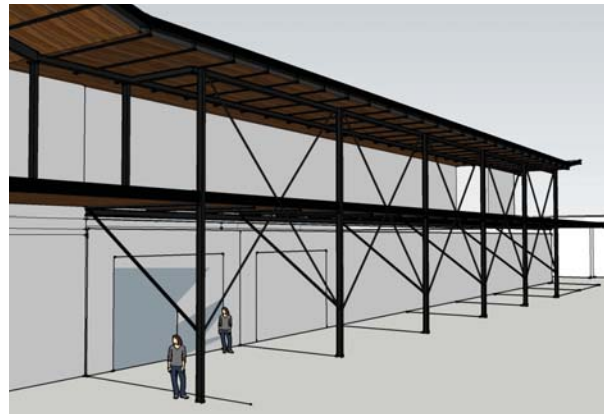
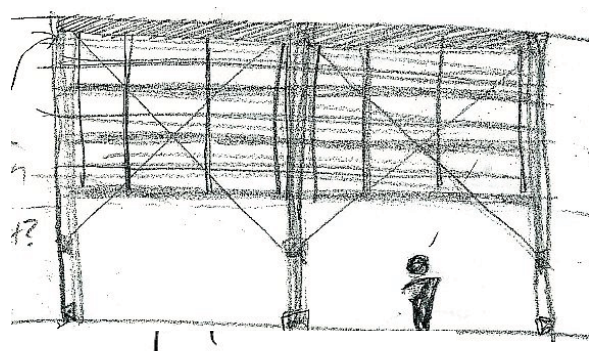
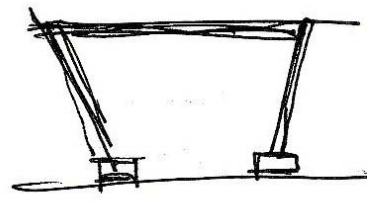
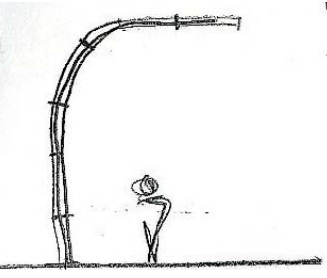




community center

[structure]

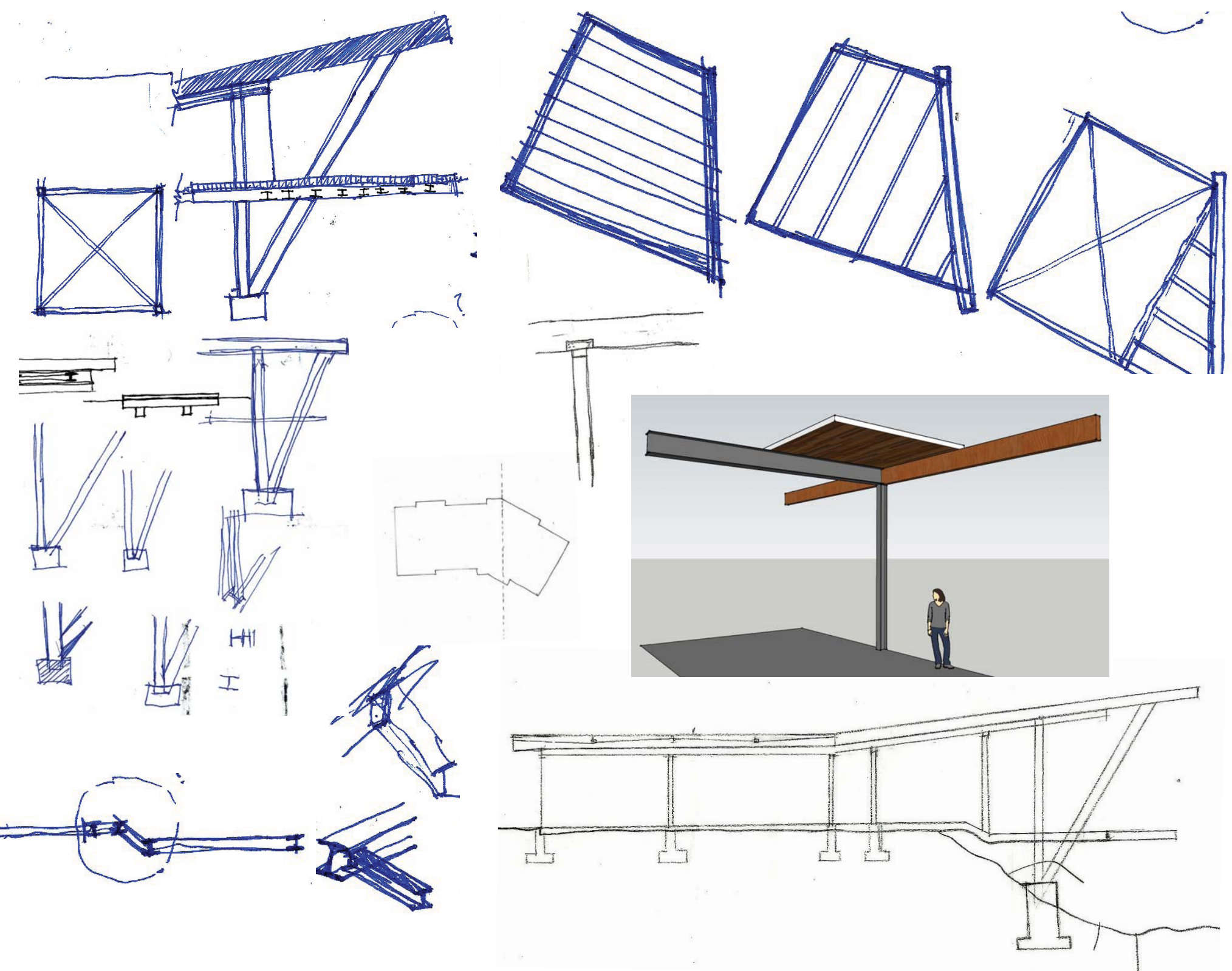




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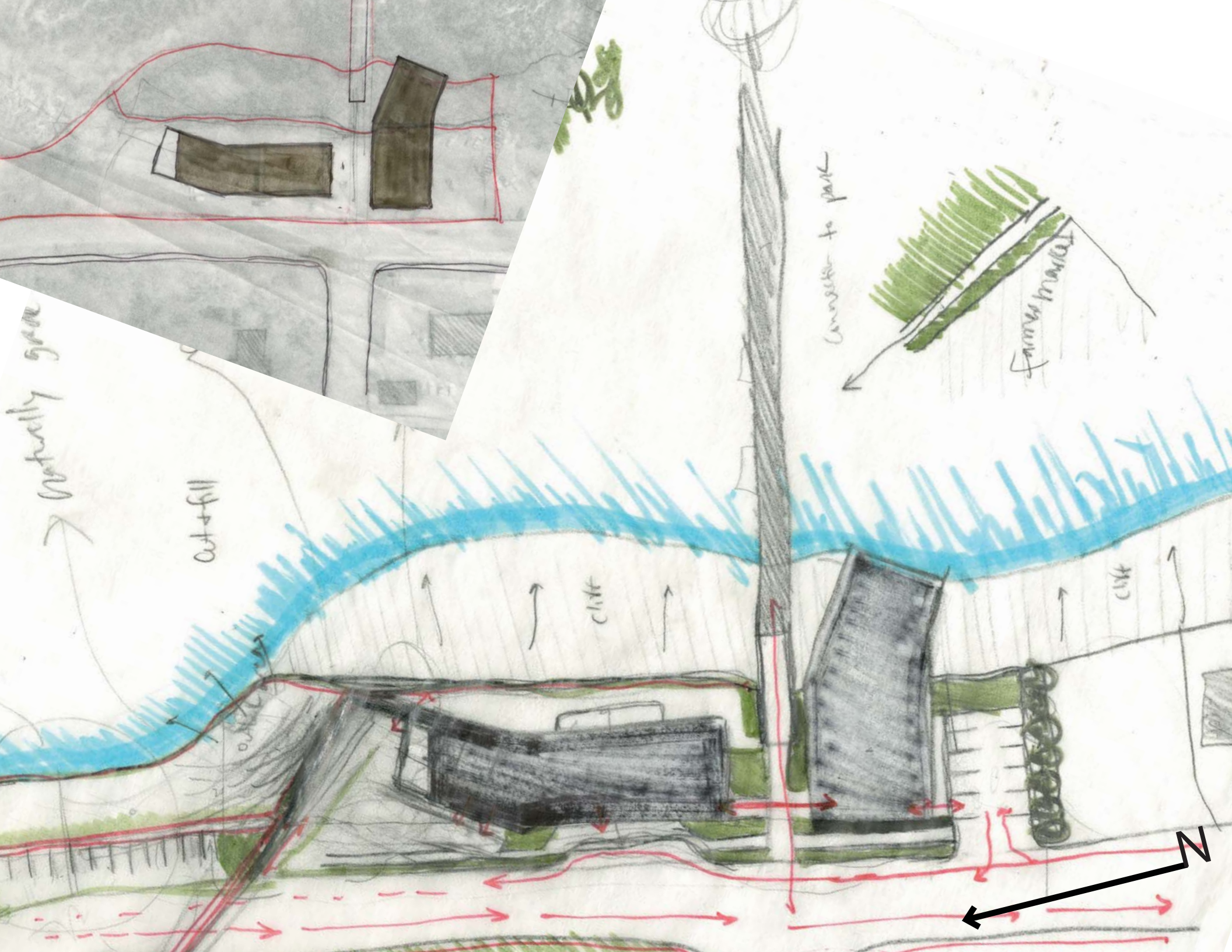
[structure]





[site + bridge]





Naturally grow

cut+fill

cliff

conversion to park

farm market

Z





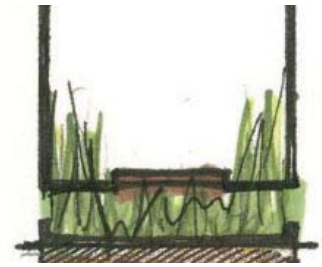
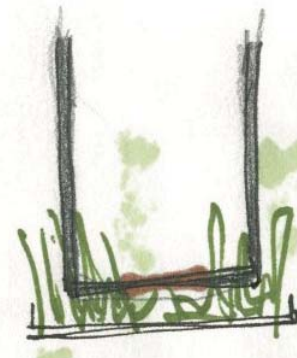
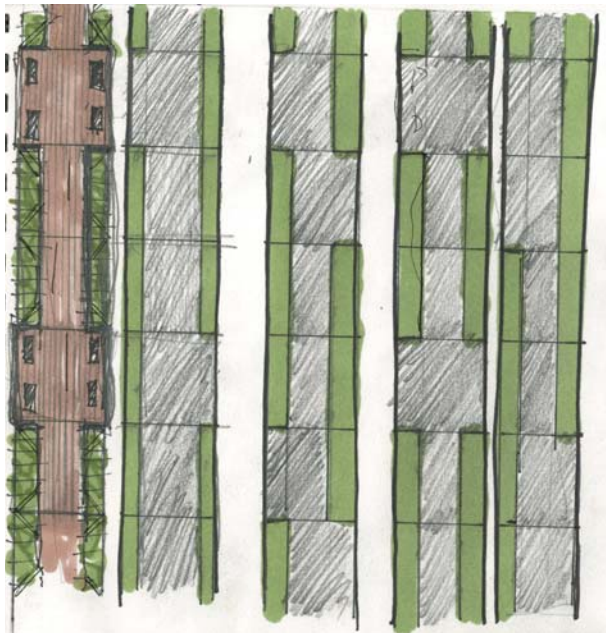
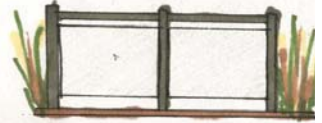
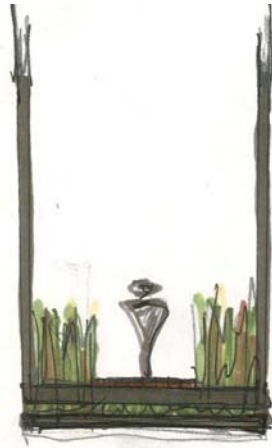
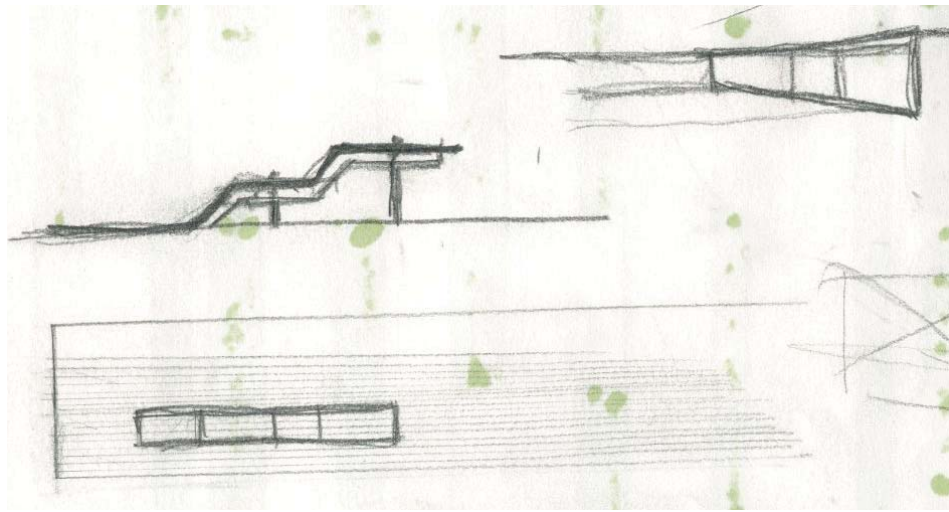
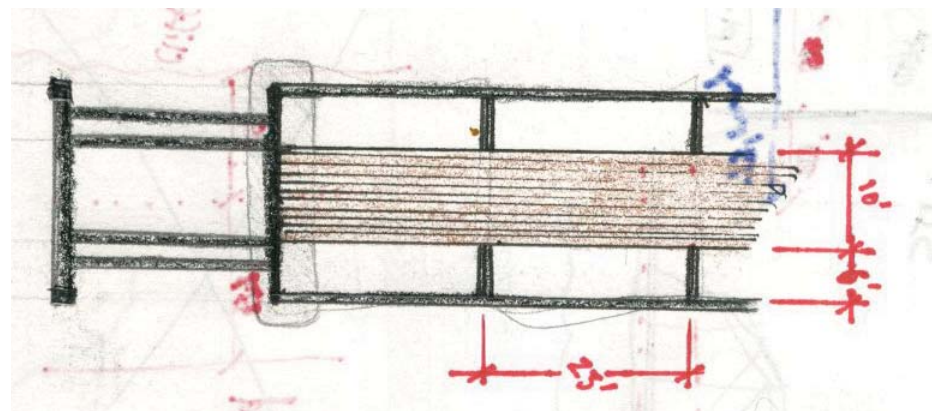
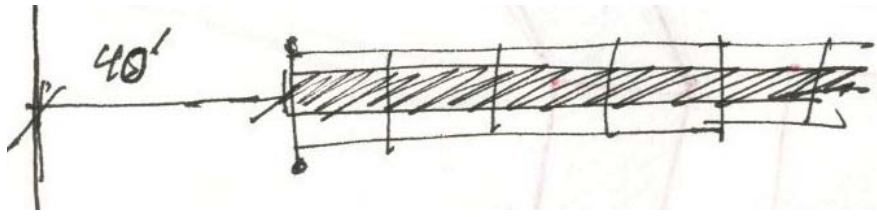




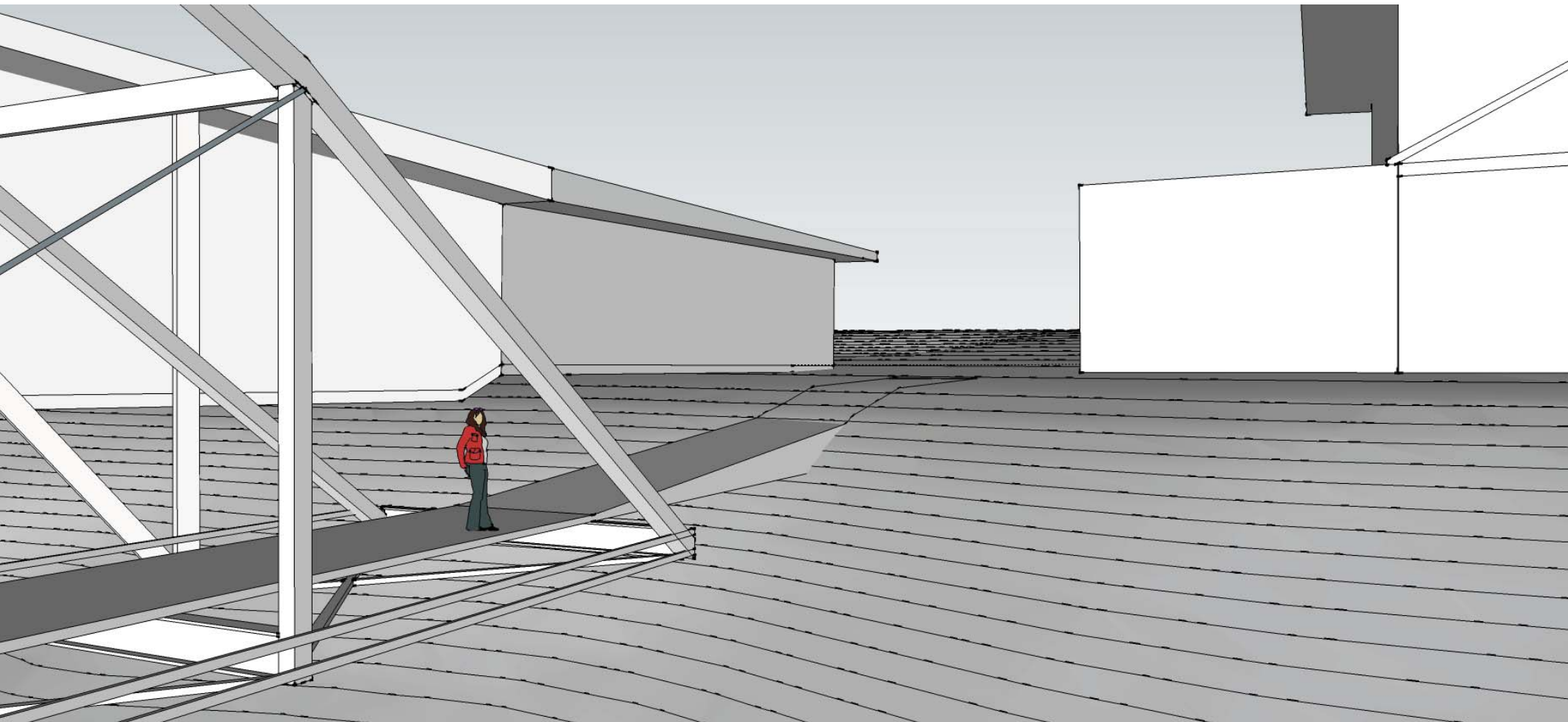
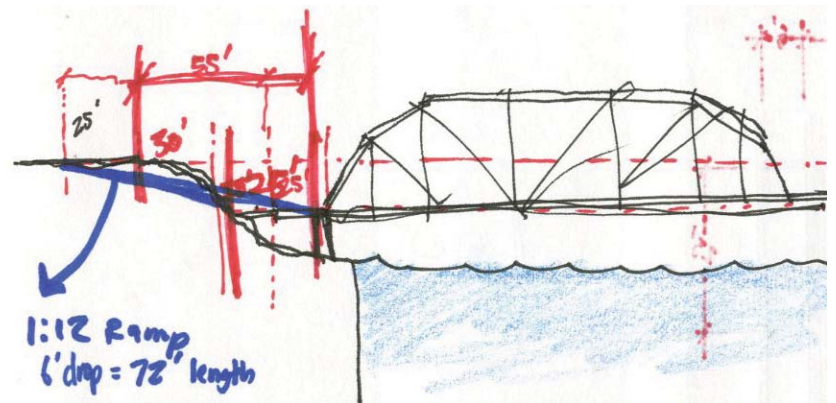
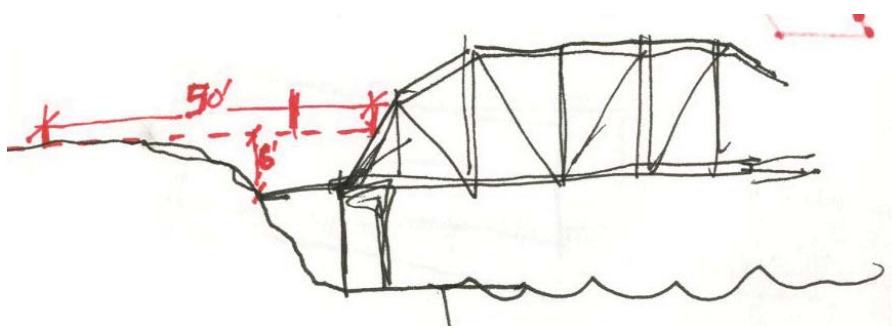








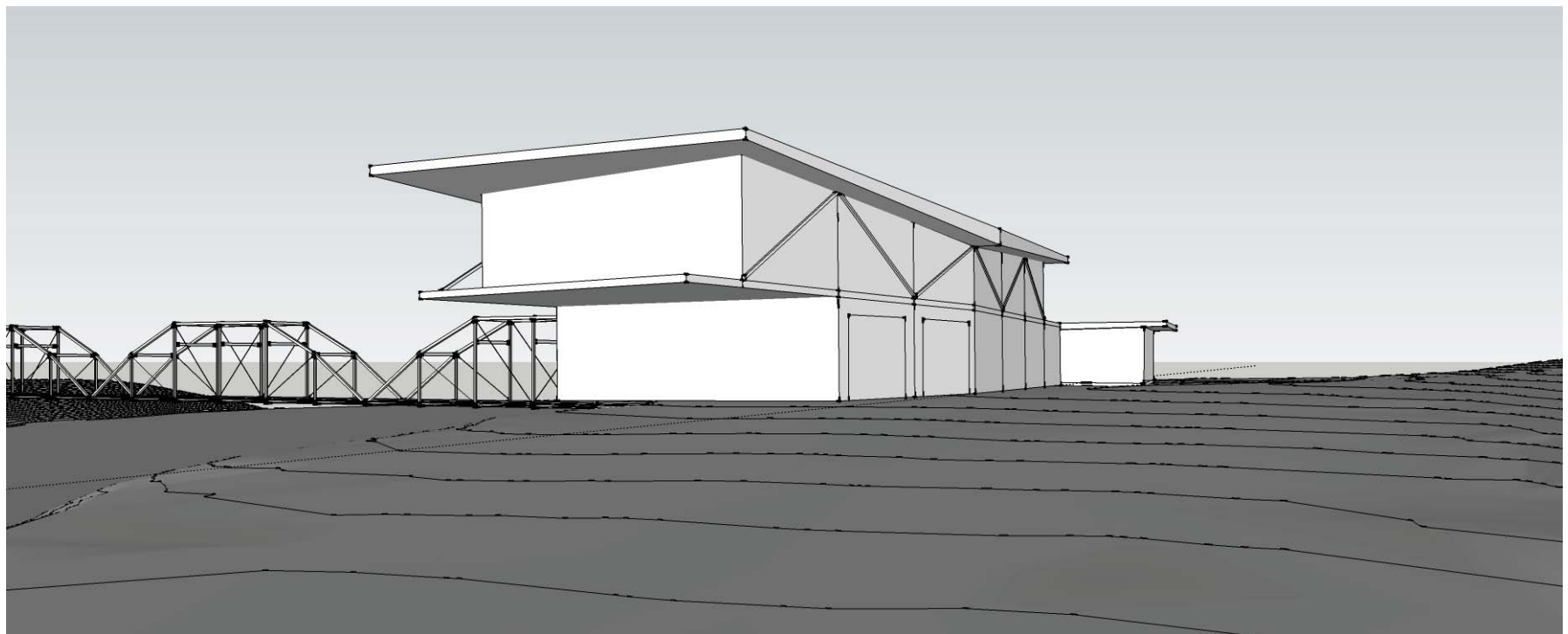
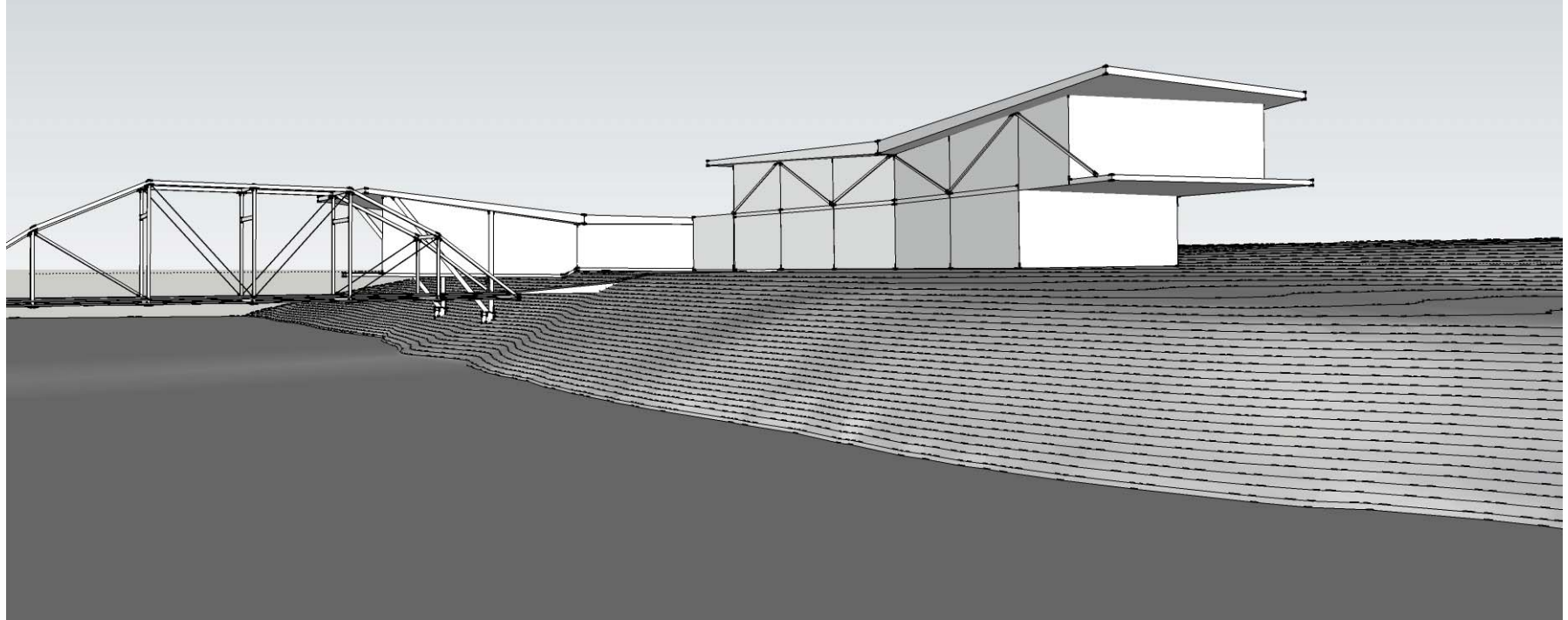


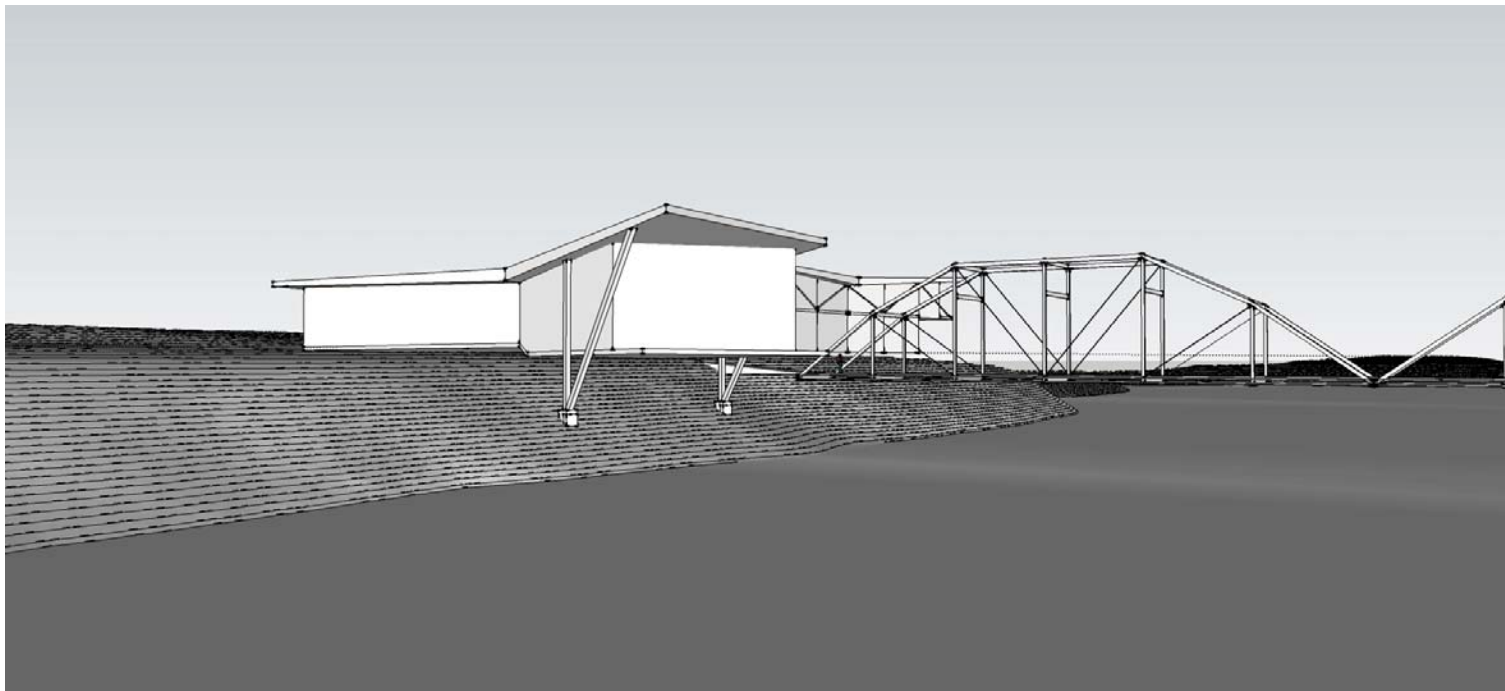
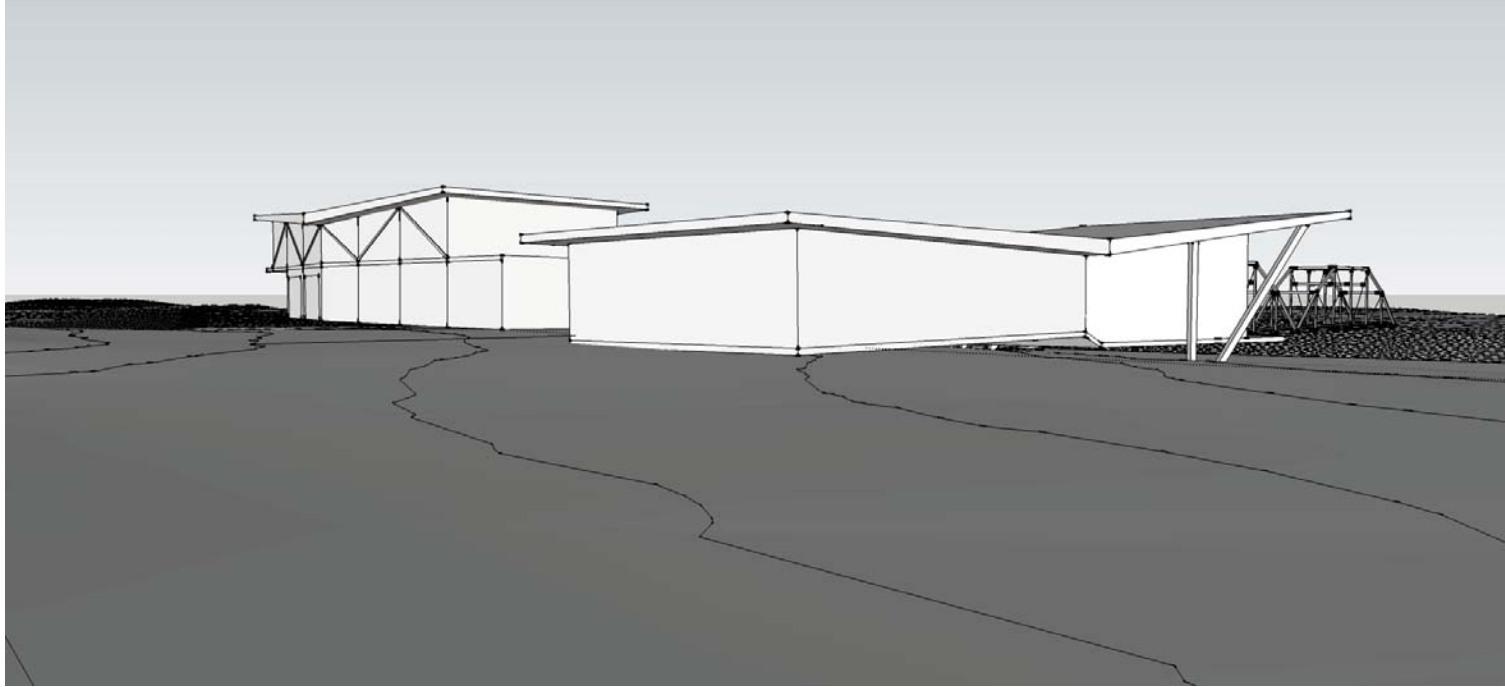




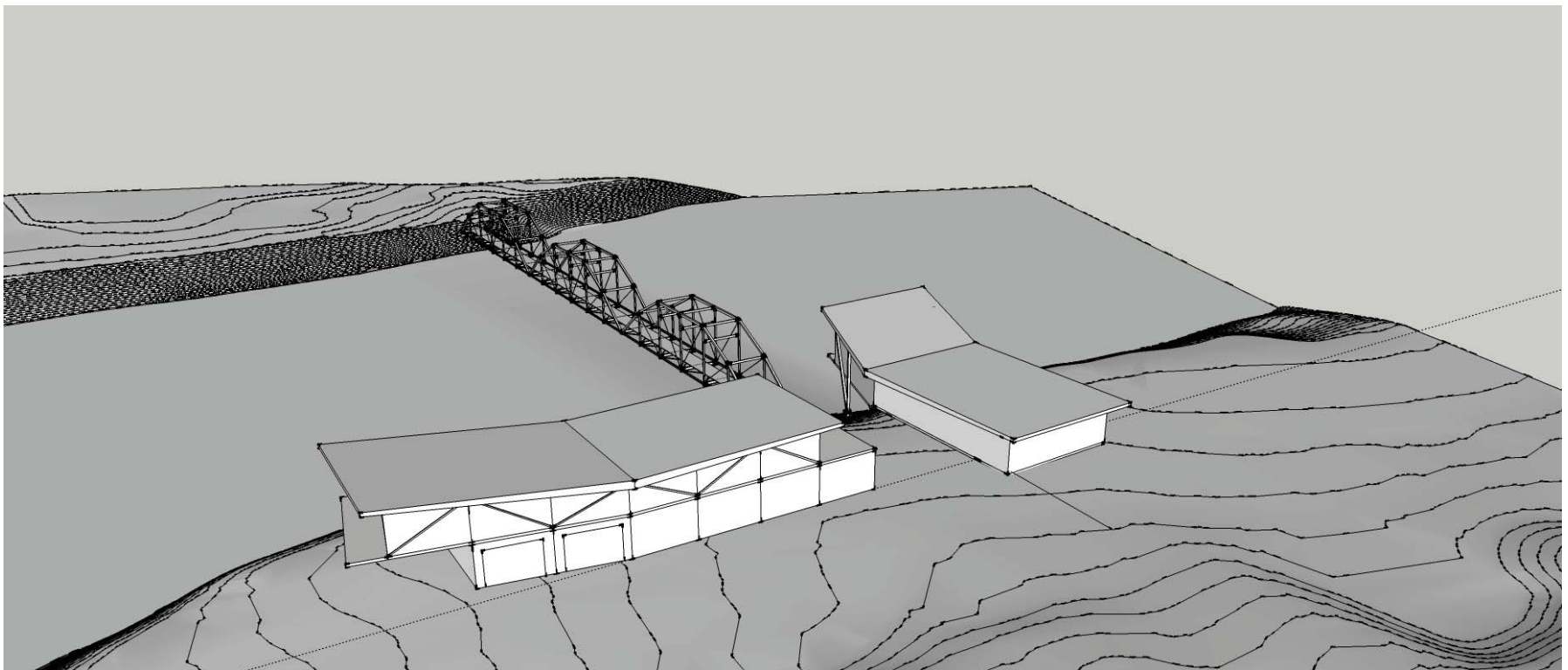
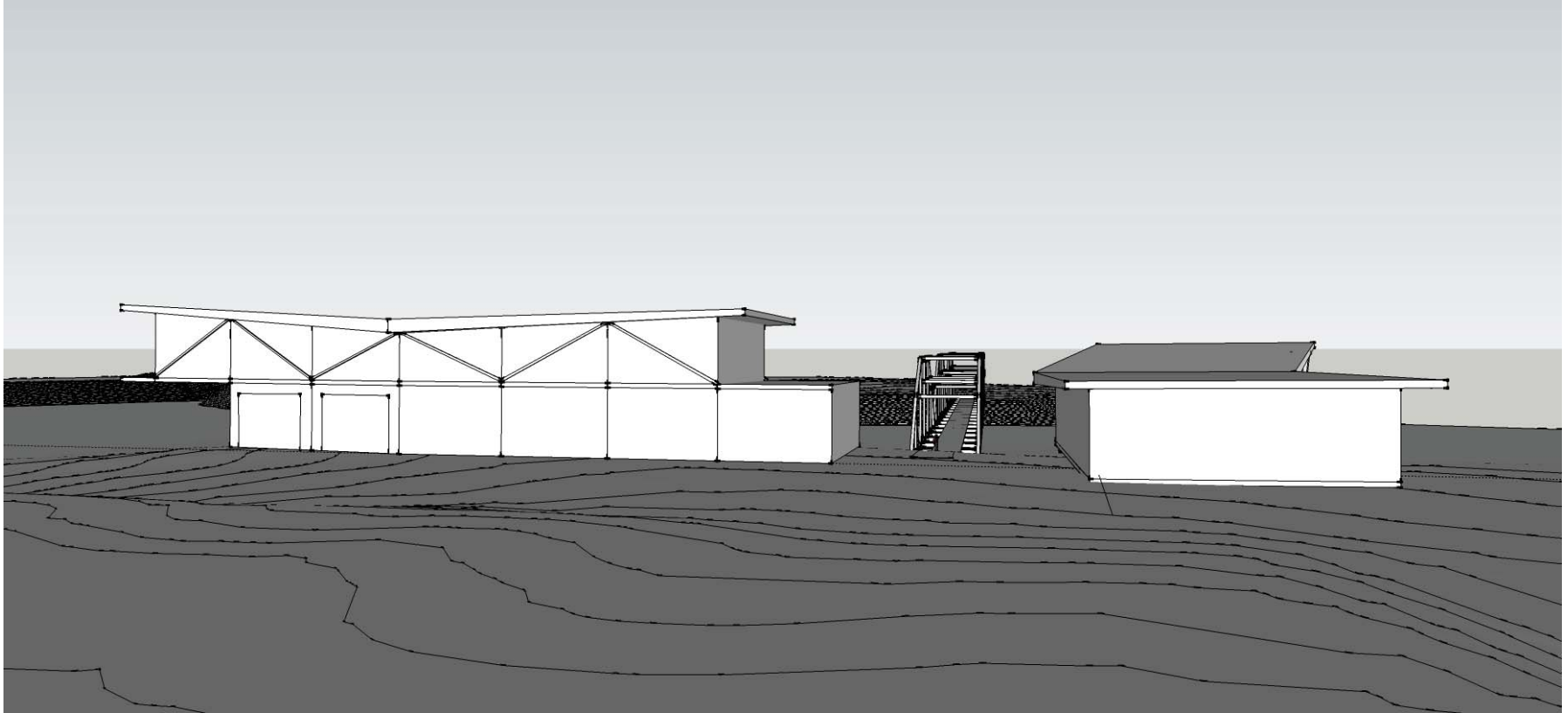
[midterm perspectives]

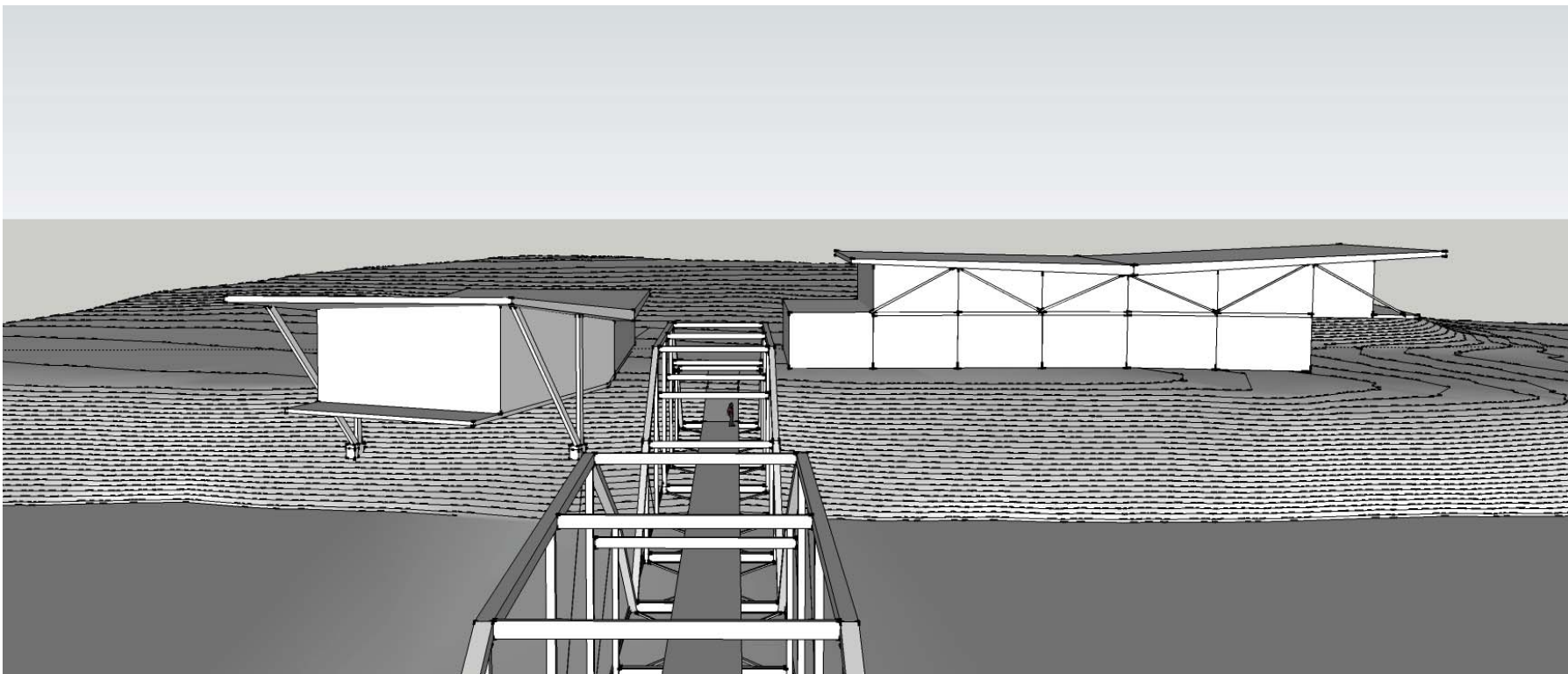
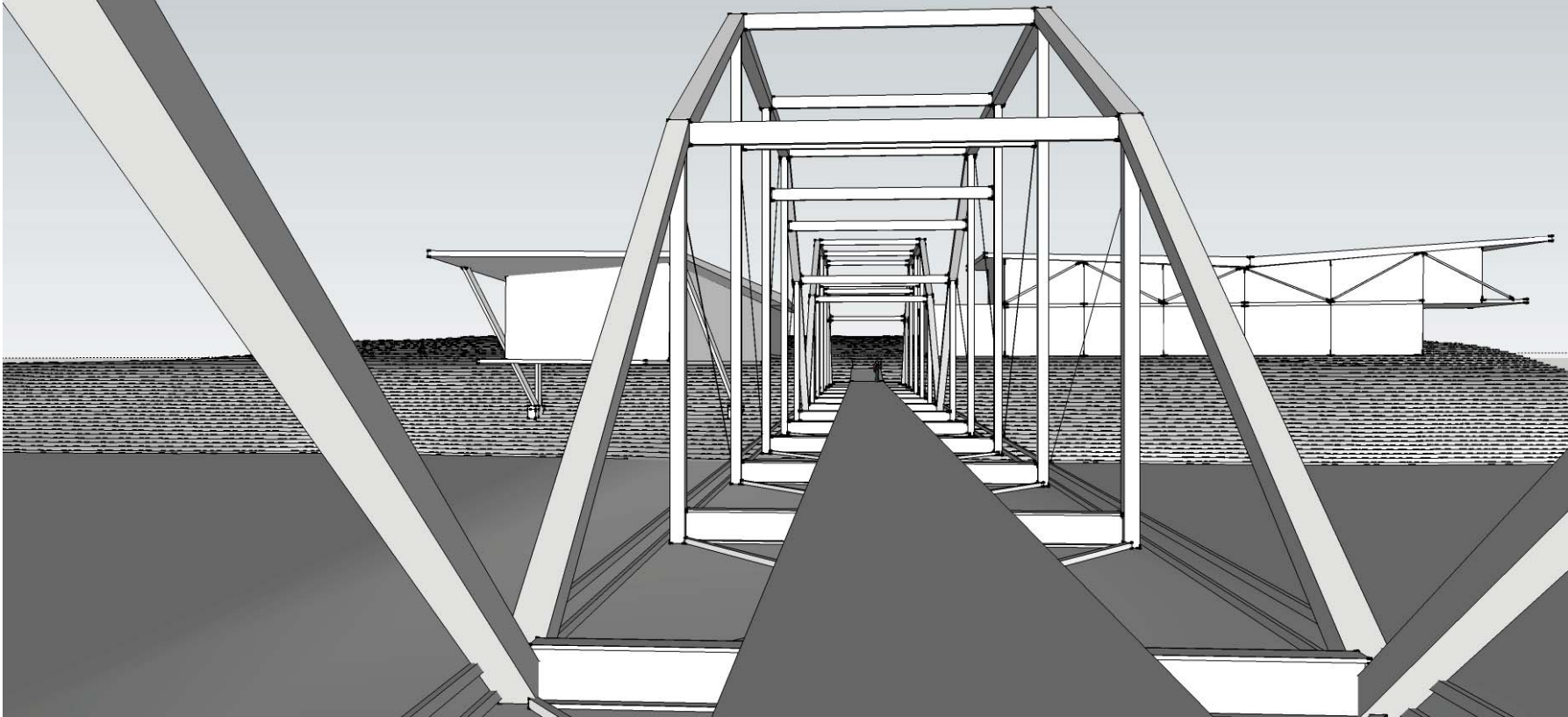




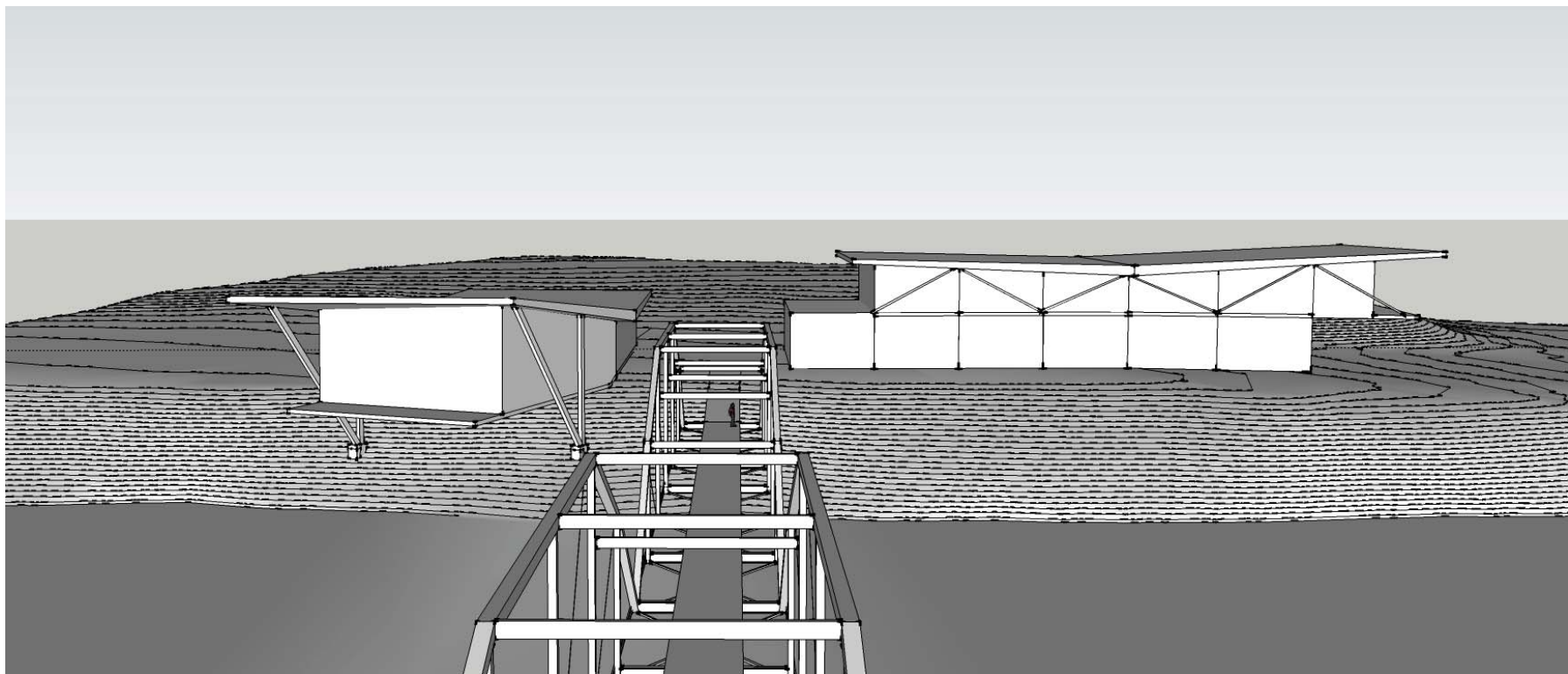
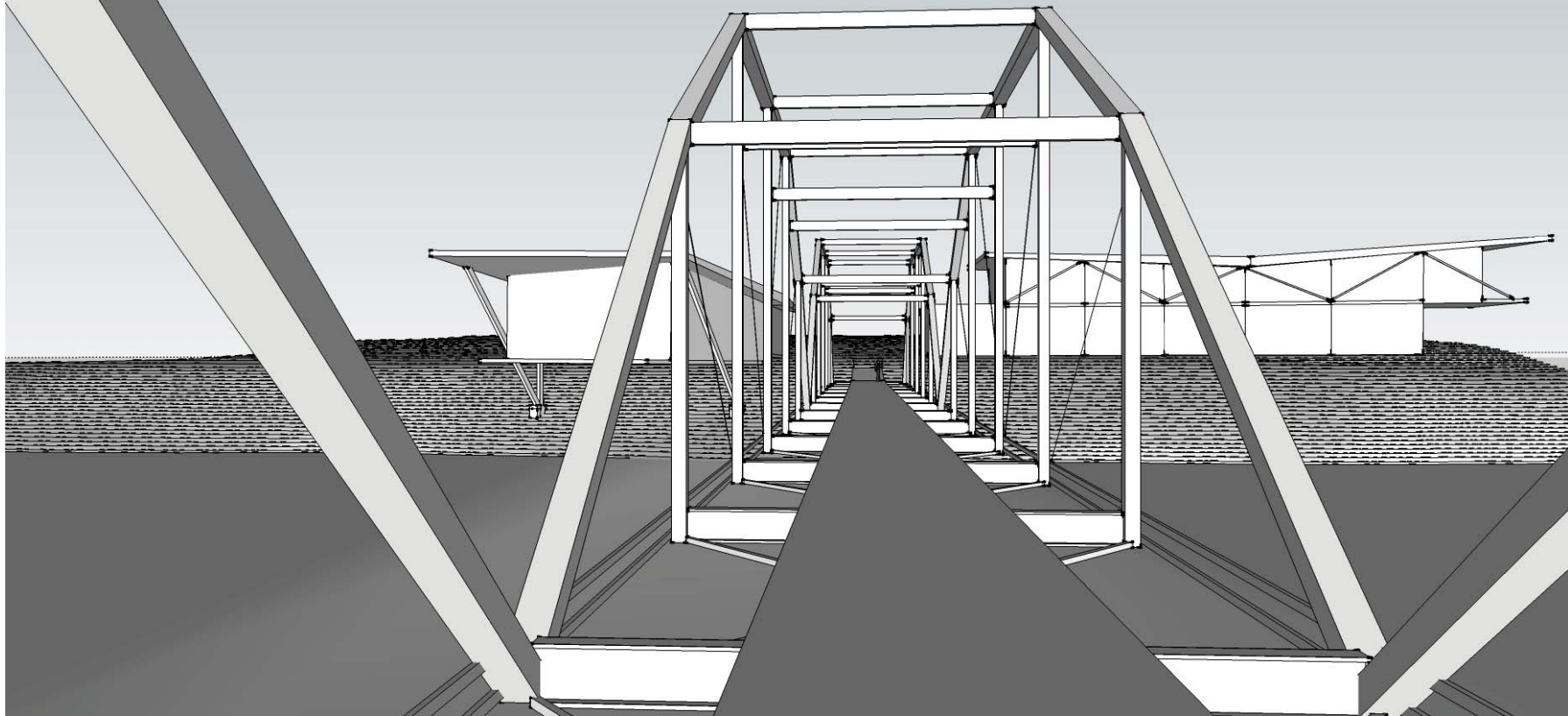












[final design]



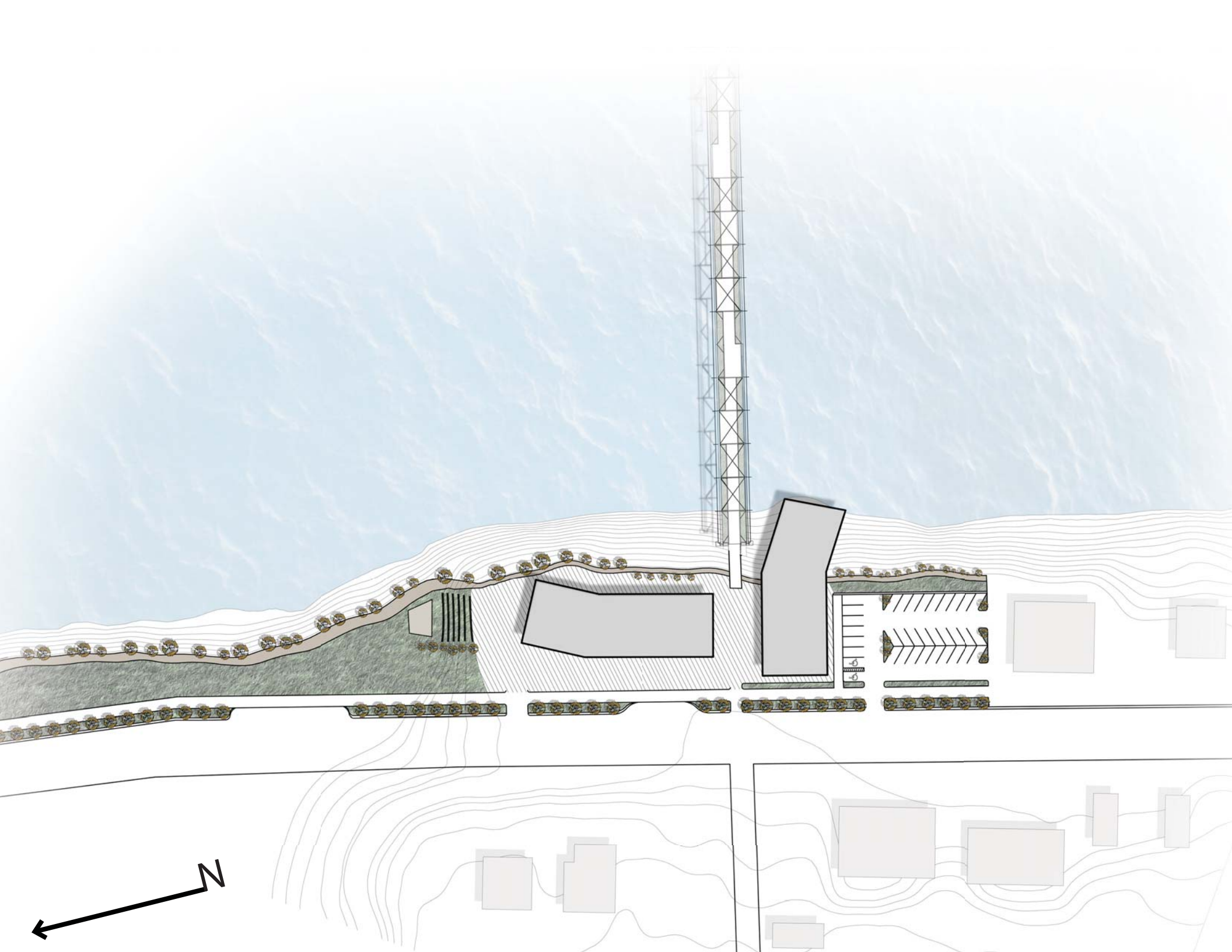


2

sartell community center

4

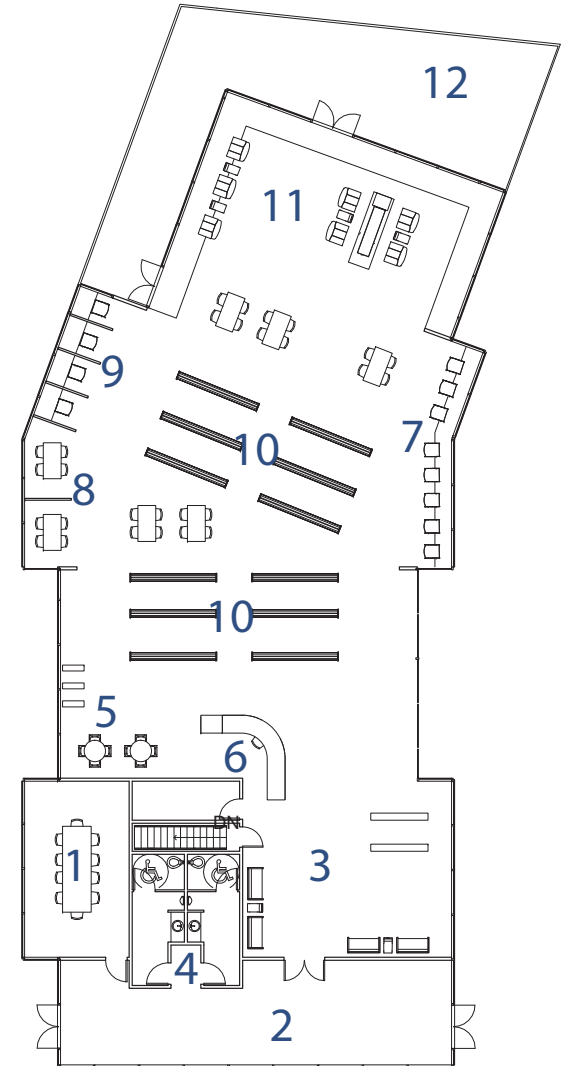
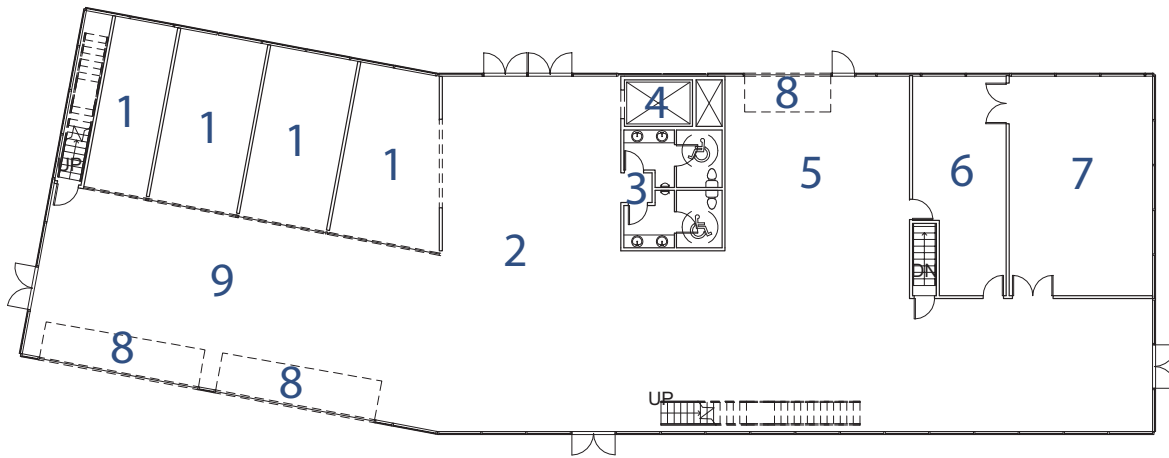
sartell library





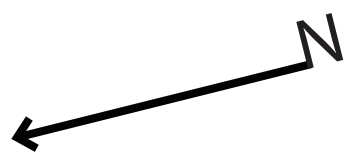
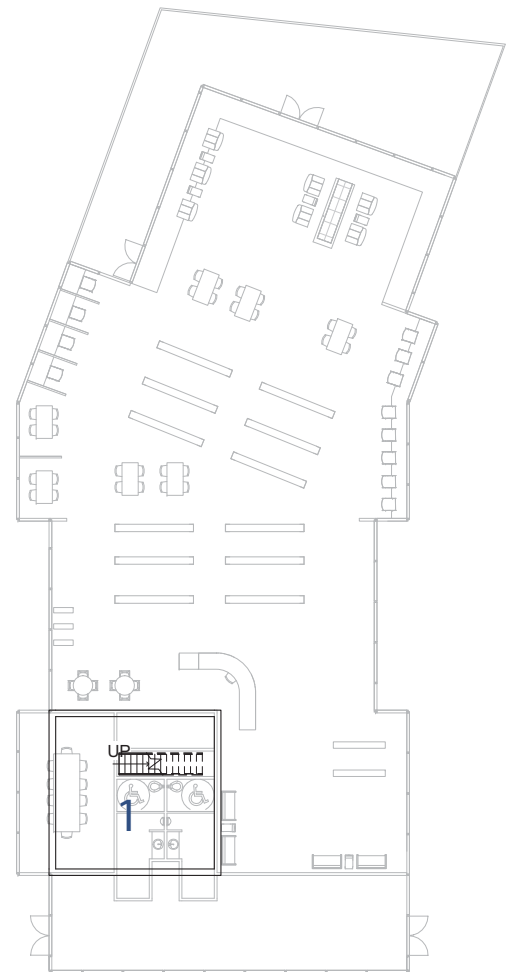
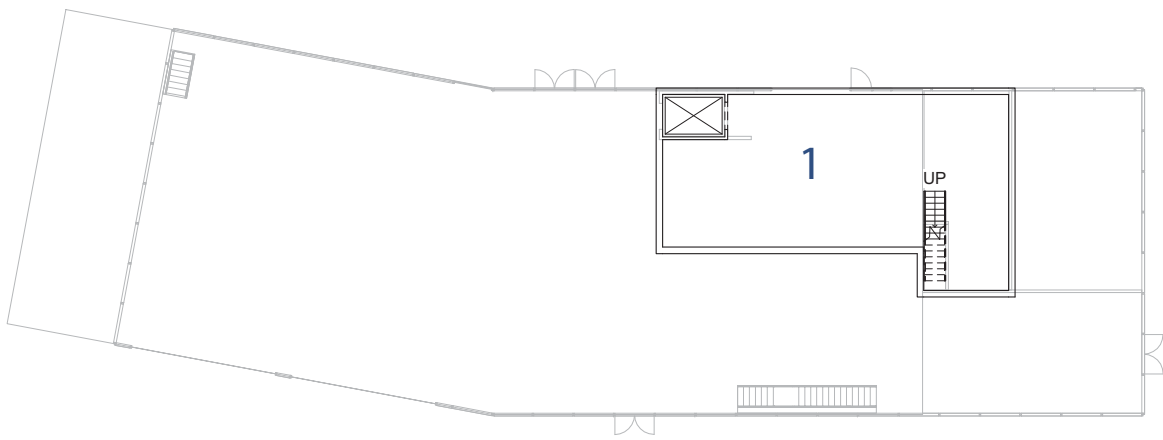
- 1 retail space
- 2 lobby/circulation
- 3 rest rooms
- 4 elevator
- 5 cafe
- 6 kitchen storage
- 7 teaching kitchen
- 8 bifold garage doors
- 9 indoor market flex space

- 1 meeting room
- 2 vestibule
- 3 lobby
- 4 rest rooms
- 5 children area
- 6 circulation desk
- 7 computer cluster
- 8 large study
- 9 small study
- 10 stacks
- 11 reading area
- 12 outdoor patio



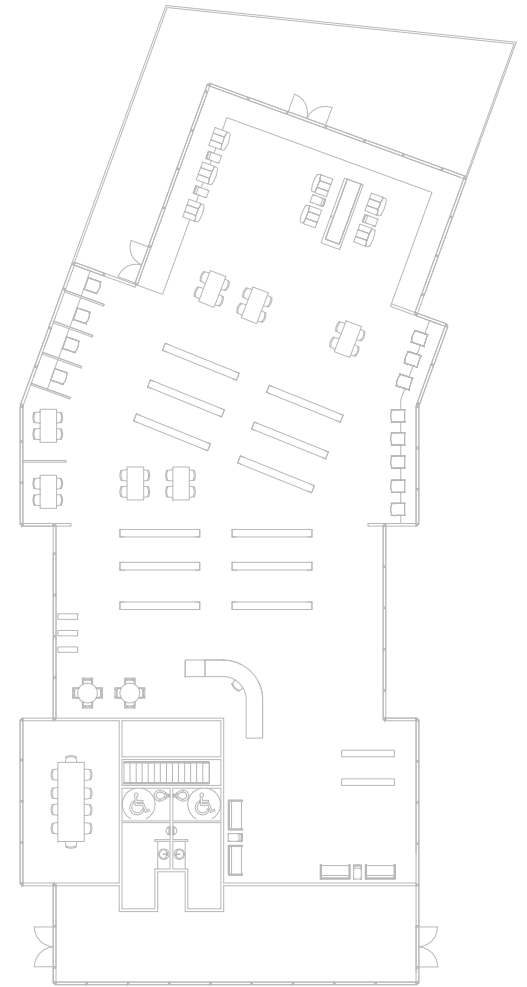
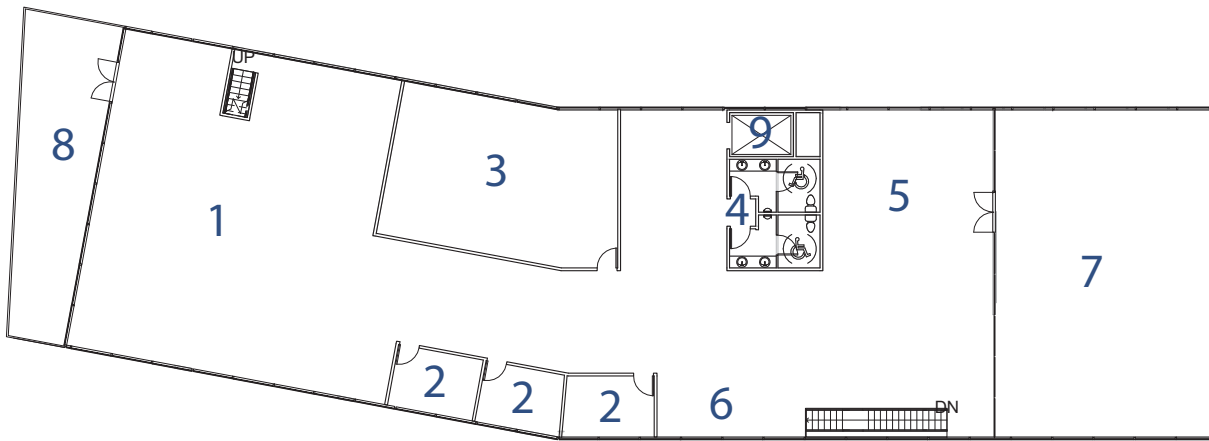
# 1 community center mechanical

# 1 library mechanical



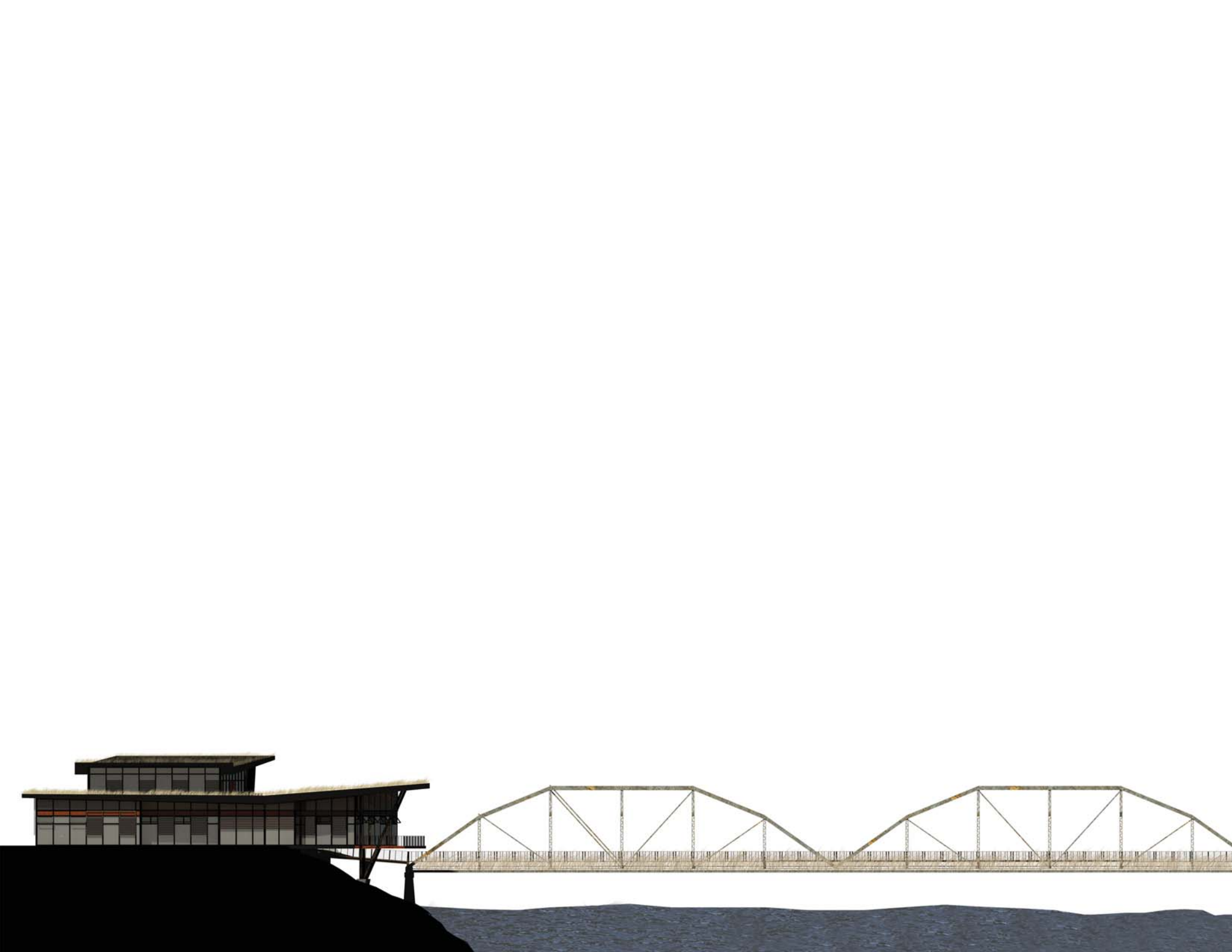


- 1 gallery/historic viewing area
- 2 studio
- 3 indoor group area
- 4 rest rooms
- 5 teen area
- 6 lounge
- 7 green roof patio
- 8 river outlook patio
- 9 elevator



















○ steel tube

○ steel wide flange girder

○ steel wide flange column

○ core 10 steel

○ wood laminate decking

○ glass bifold door

○ wood composite panel

○ glass curtain panel

○ steel mullion assembly

○ cast in place concrete floor







shading louvers



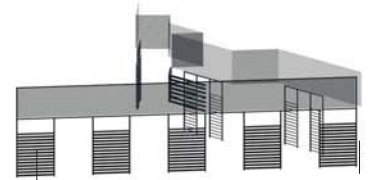
mesh shading device



operable windows



green roof



2

sartell community center

4

sartell library





saskatoon community center

saskatoon library



**“There is no telling what the power of the people and river can do”**





discussion + ?

