# Pedestrian Bicycle Connection to Law Park



The South Capitol Transit Oriented Development Study suggested an pedestrian bicycle overpass near 307 East Wilson Street

Current redevelopment proposals provide a crossing opportunity at 149/151 East Wilson Street

Stronger connections from the square to the lake are recommended in the South Capitol Transit Oriented Development study. With the potential redevelopment of 149 and 151 East Wilson, a pedestrian overpass could be constructed that links Wilson Street to Law Park. The City is currently making arrangements with the developer to preserve an easement allowing this overpass and exploring putting in the subsurface infrastructure needed for the overpass. Construction of the overpass will occur when funding becomes available.

## Point Cloud Rendering

The City had portions of the John Nolen Corridor laser scanned. Laser scanning creates a series of points, arranged in a 3-dimensional model, that accurately represent the location of buildings, signs, pavements, trees, and other features. The renderings below illustrate a possible pedestrian and bicycle overpass superimposed on the point cloud developed by the laser scanning. The pedestrian bicycle overpass maintains appropriate clearances over the railroad, and seeks to minimize effects to the lake.
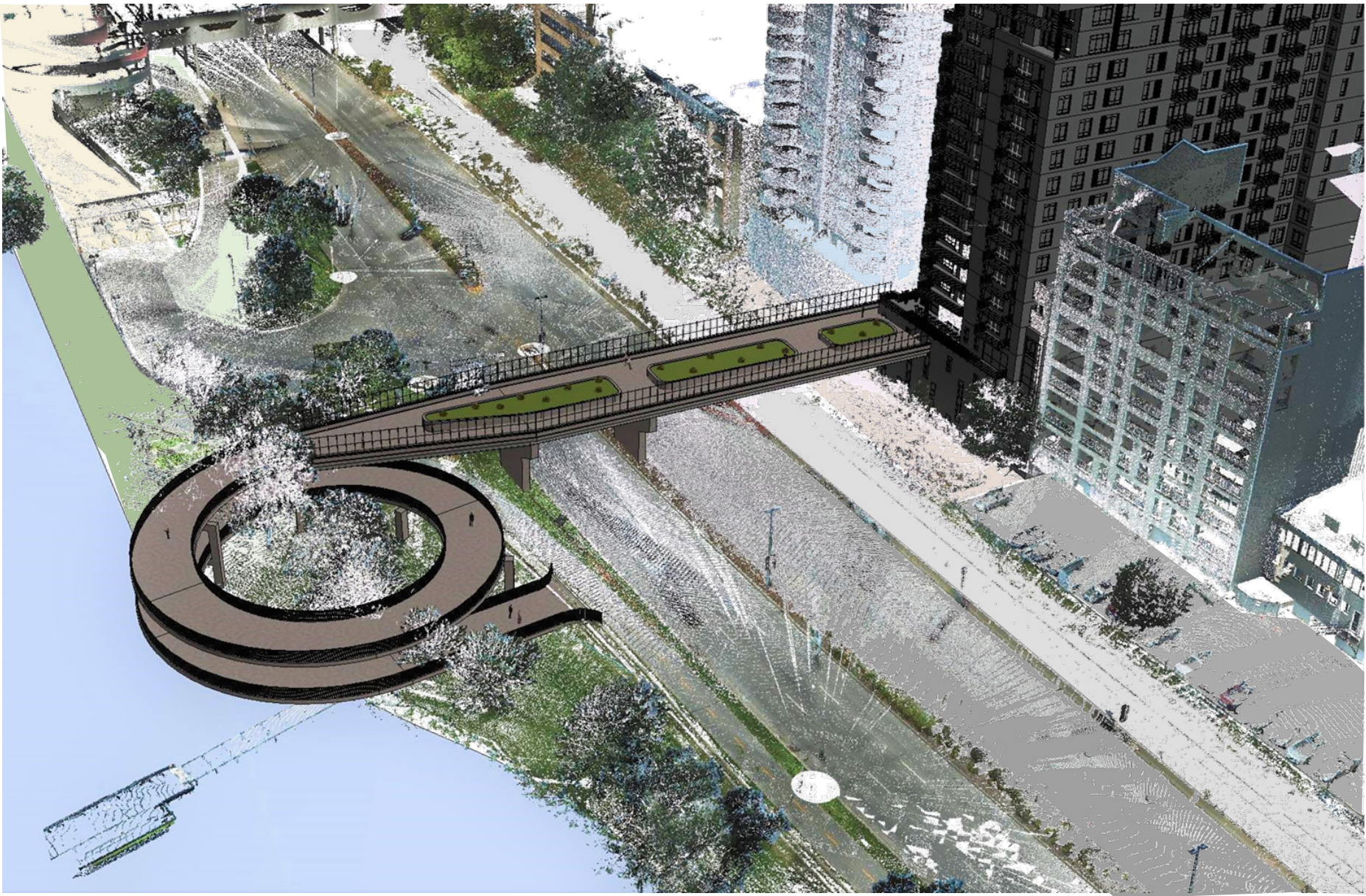


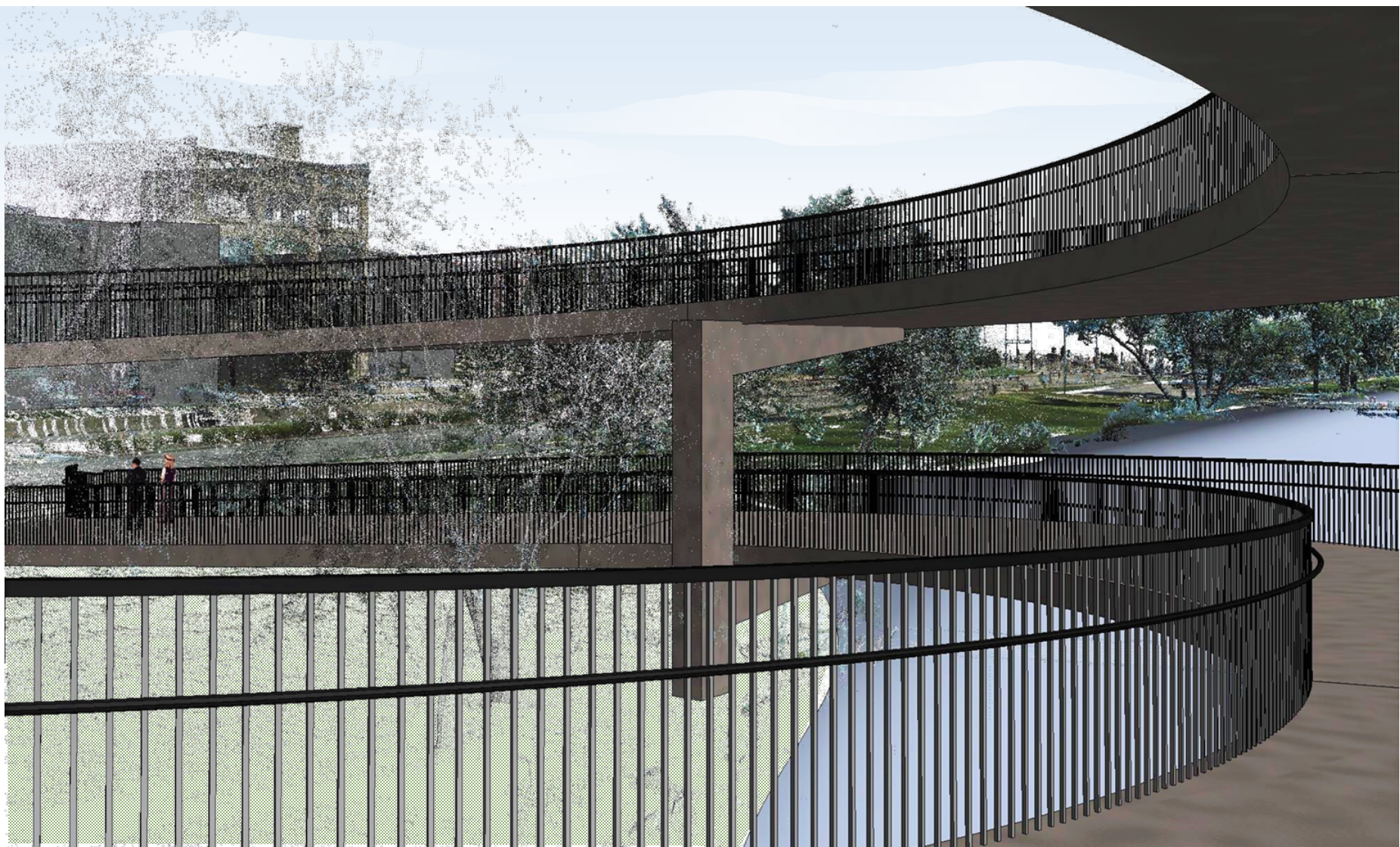Aerial view of potential pedestrian bicycle overpass
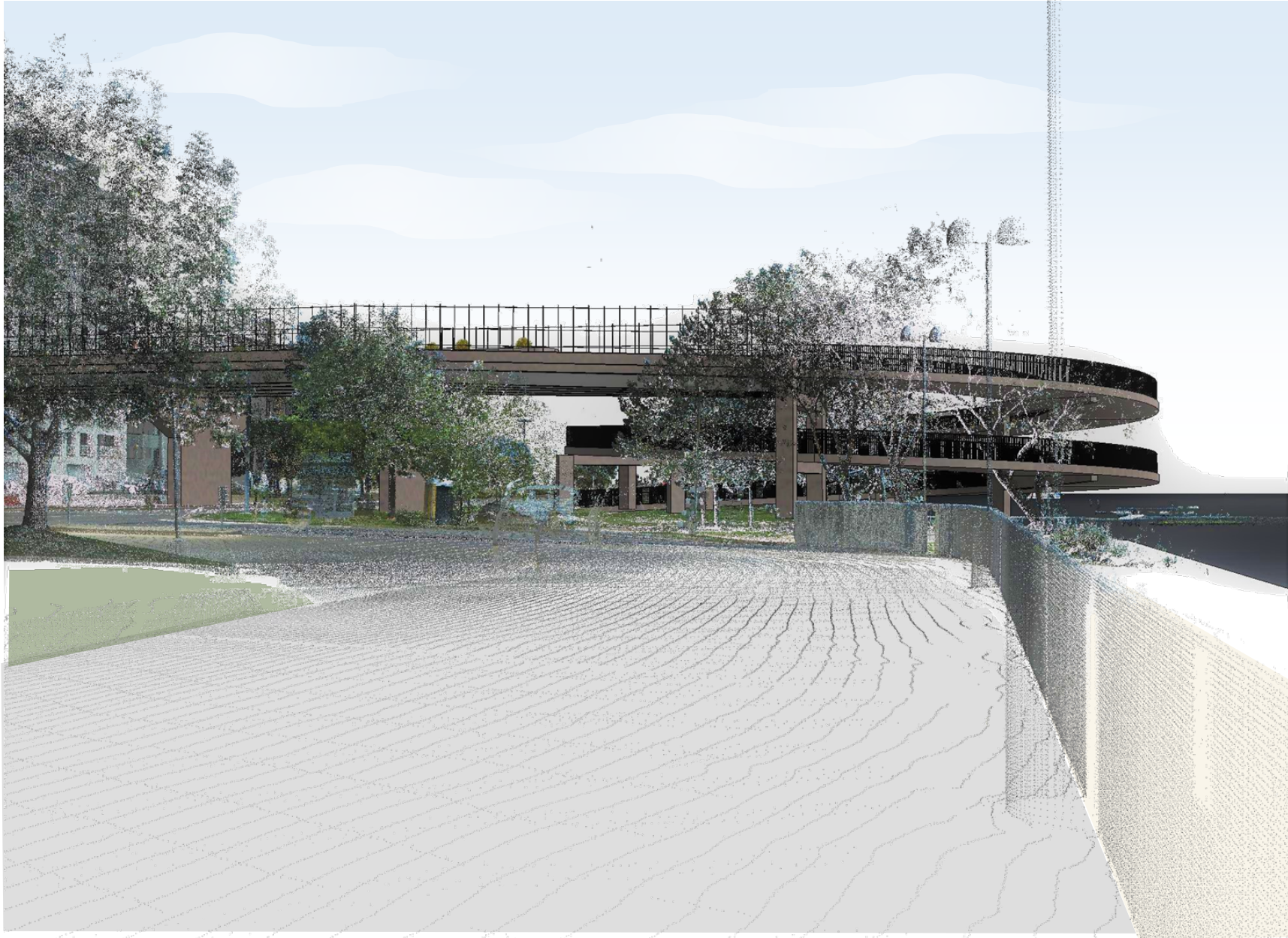


Looking at pedestrian bicycle overpass from Monona Terrace



Pedestrian bicycle overpass viewed from the east



Pedestrian bicycle overpass could be made wider to accommodate planters, food carts, or other amenities.



The pier supporting the pedestrian bicycle overpass ramp can be cantilevered, yet some of the structure would still extend over the lake..
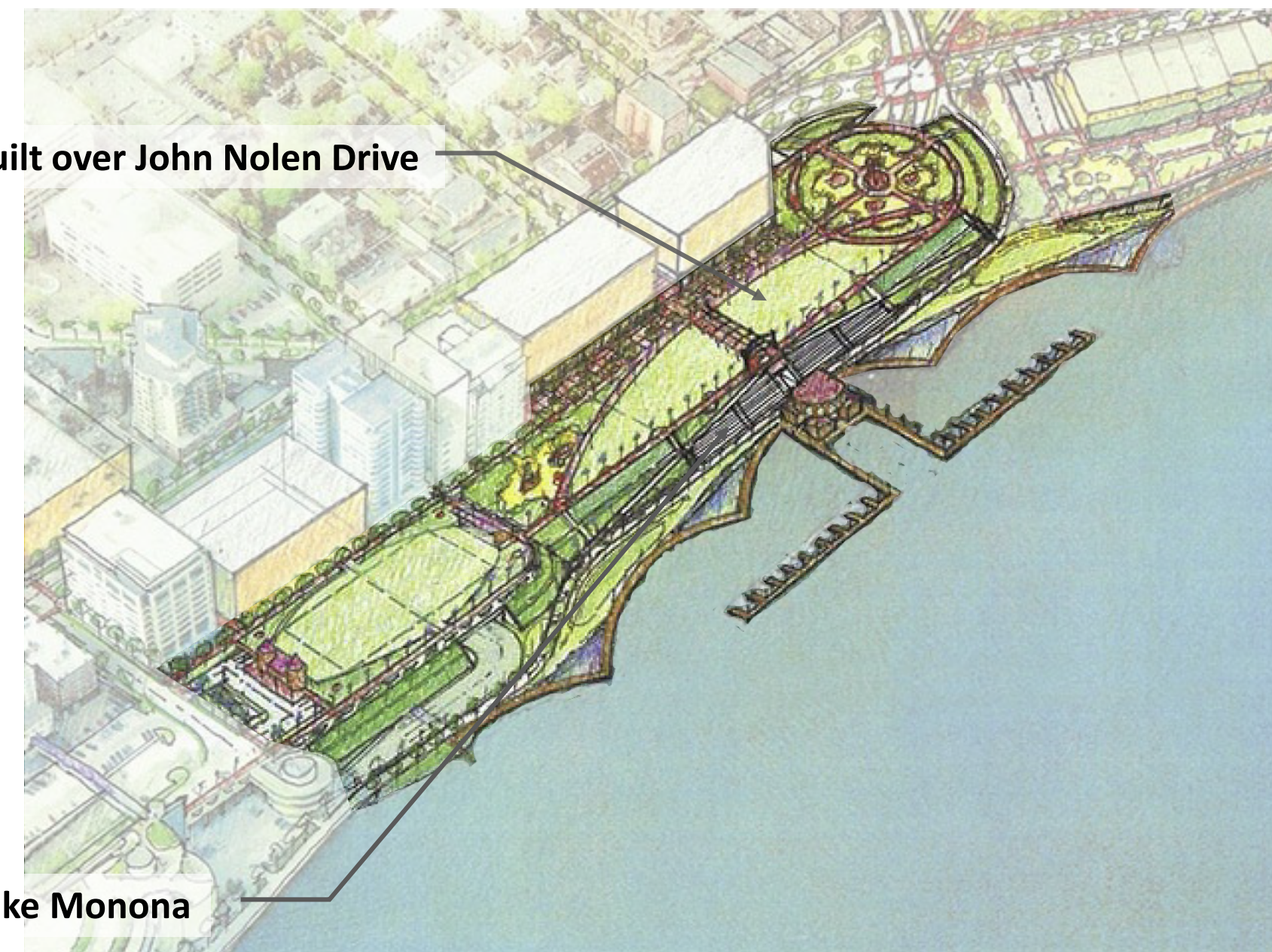
# Discussion of Concepts East of Monona Terrace

## Kenton Peters Concept
Looking Northwest



Roof top park over structured parking built over John Nolen Drive
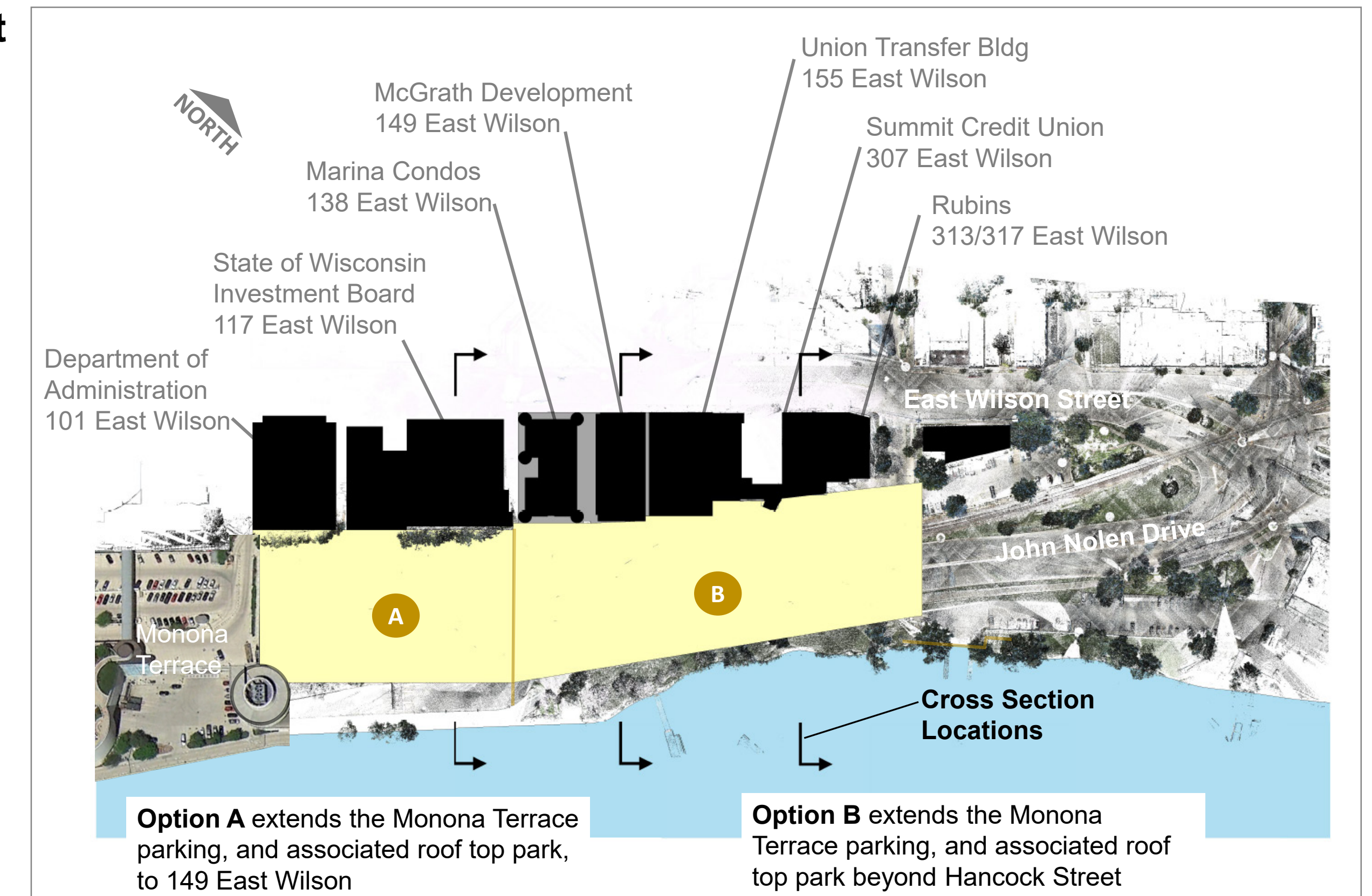
Stepped access to Lake Monona

## Madison Design Professionals Workgroup Concept
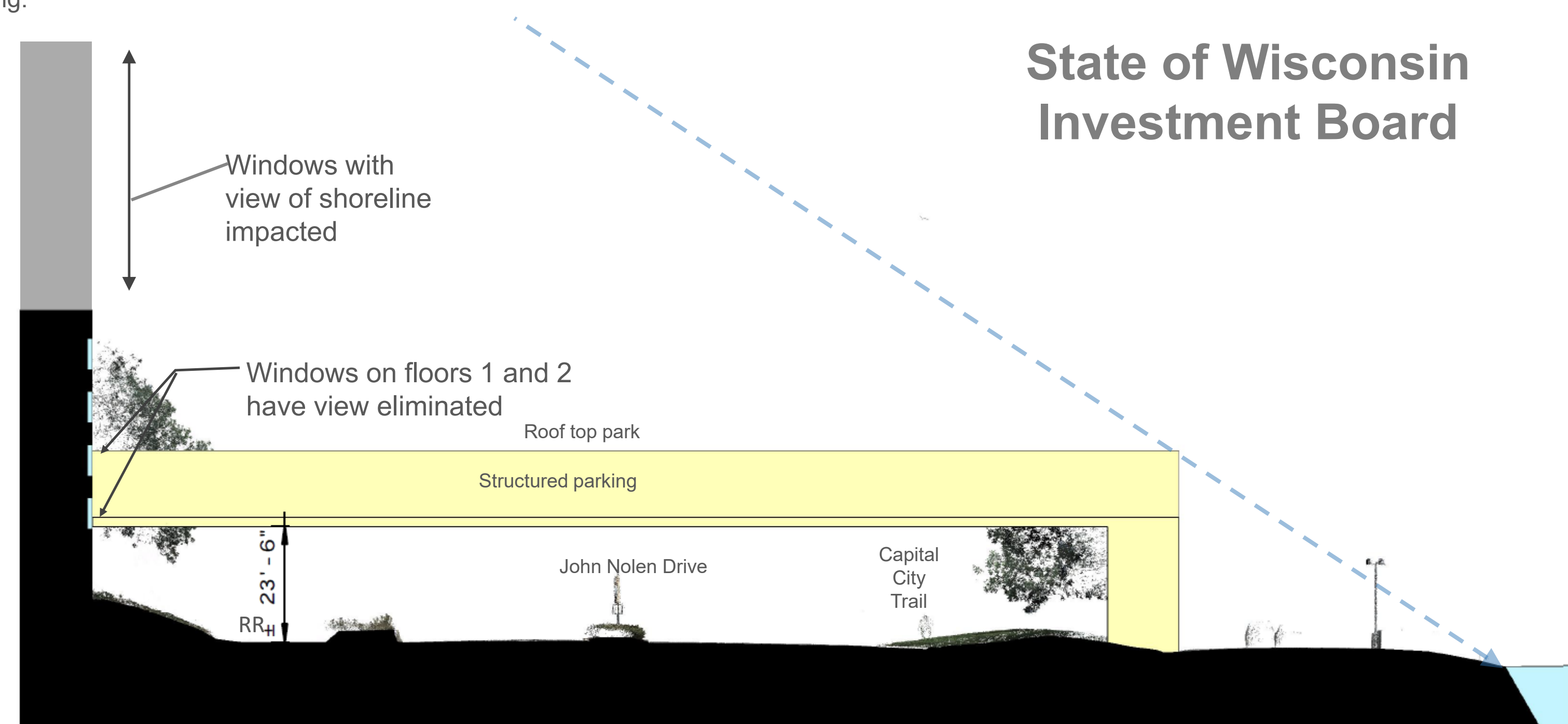Looking Northeast



Both Kenton Peters and Madison Design Professionals Workgroup have developed concepts that would extend the Monona Terrace parking eastward over John Nolen Drive to the Blair Street intersection. While differing in details, both concepts incorporate a roof deck park on the top level, structured parking below the park, and a stepped terrace down to the lake.



NORTH

McGrath Development
149 East Wilson

Union Transfer Bldg
155 East Wilson

Marina Condos
138 East Wilson

Summit Credit Union
307 East Wilson

State of Wisconsin
Investment Board
117 East Wilson

Rubins
313/317 East Wilson

Department of
Administration
101 East Wilson

East Wilson Street

John Nolen Drive

Monona
Terrace

Cross Section
Locations

**Option A** extends the Monona Terrace parking, and associated roof top park, to 149 East Wilson

**Option B** extends the Monona Terrace parking, and associated roof top park beyond Hancock Street
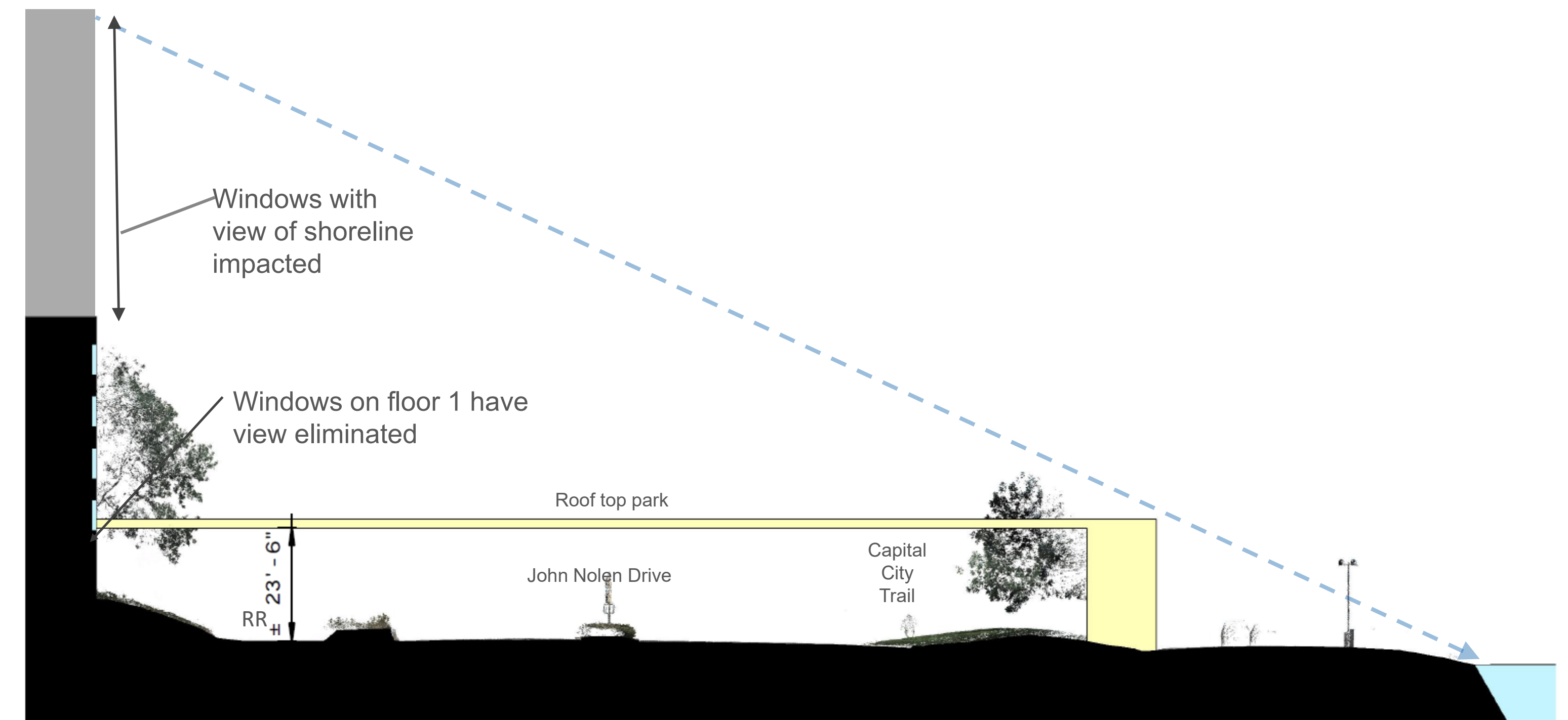
## Cross Sections and View Shed Analysis with Point Cloud

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State of Wisconsin
Investment Board



Windows with view of shoreline impacted

Windows on floors 1 and 2 have view eliminated

Roof top park

Structured parking

23' - 6"

RR

John Nolen Drive

Capital City Trail

**117 East Wilson**
With Structured Parking



Windows with view of shoreline impacted

Windows on floor 1 have view eliminated

Roof top park

23' - 6"

RR

John Nolen Drive

Capital City Trail

**117 East Wilson**
No Structured Parking

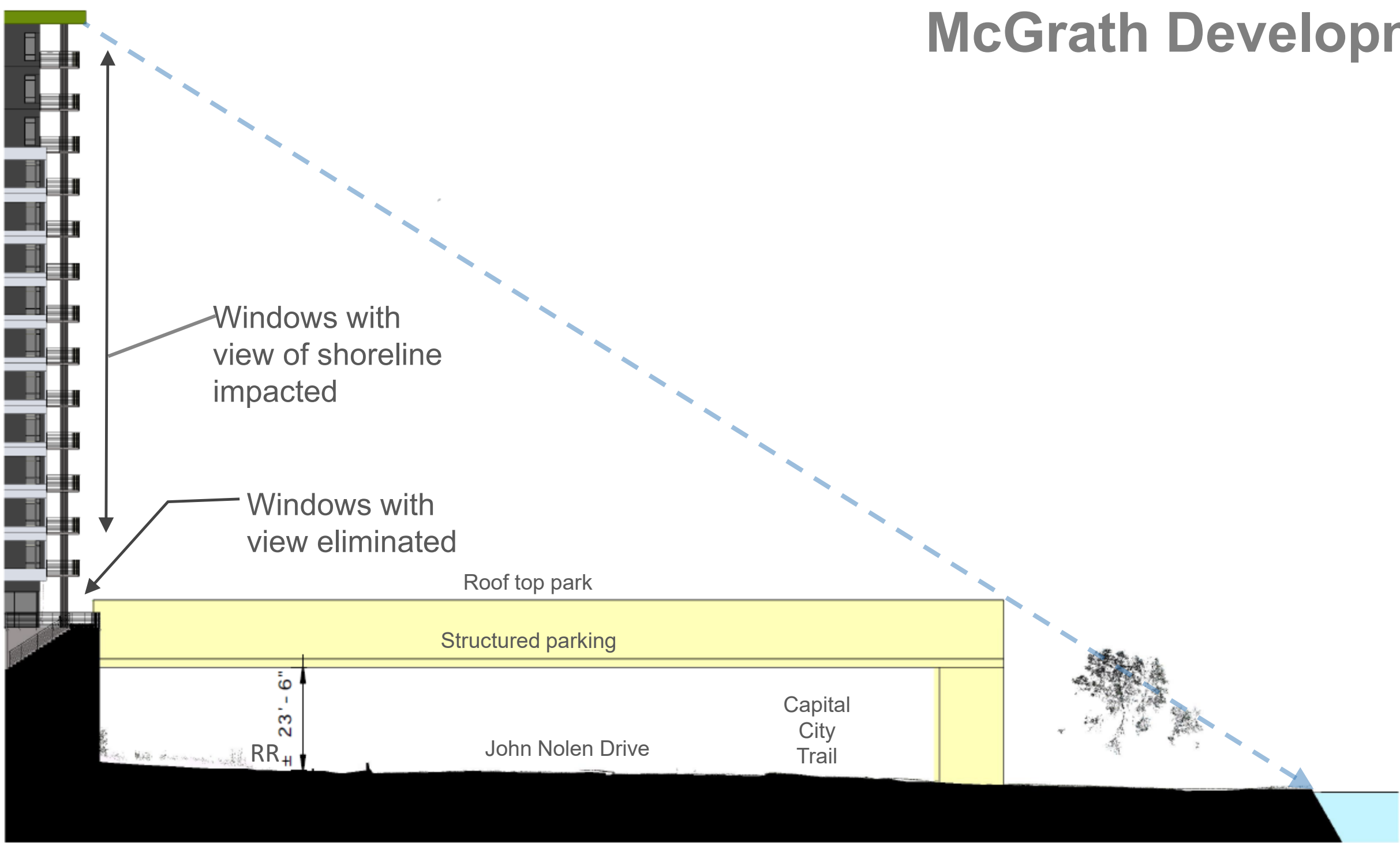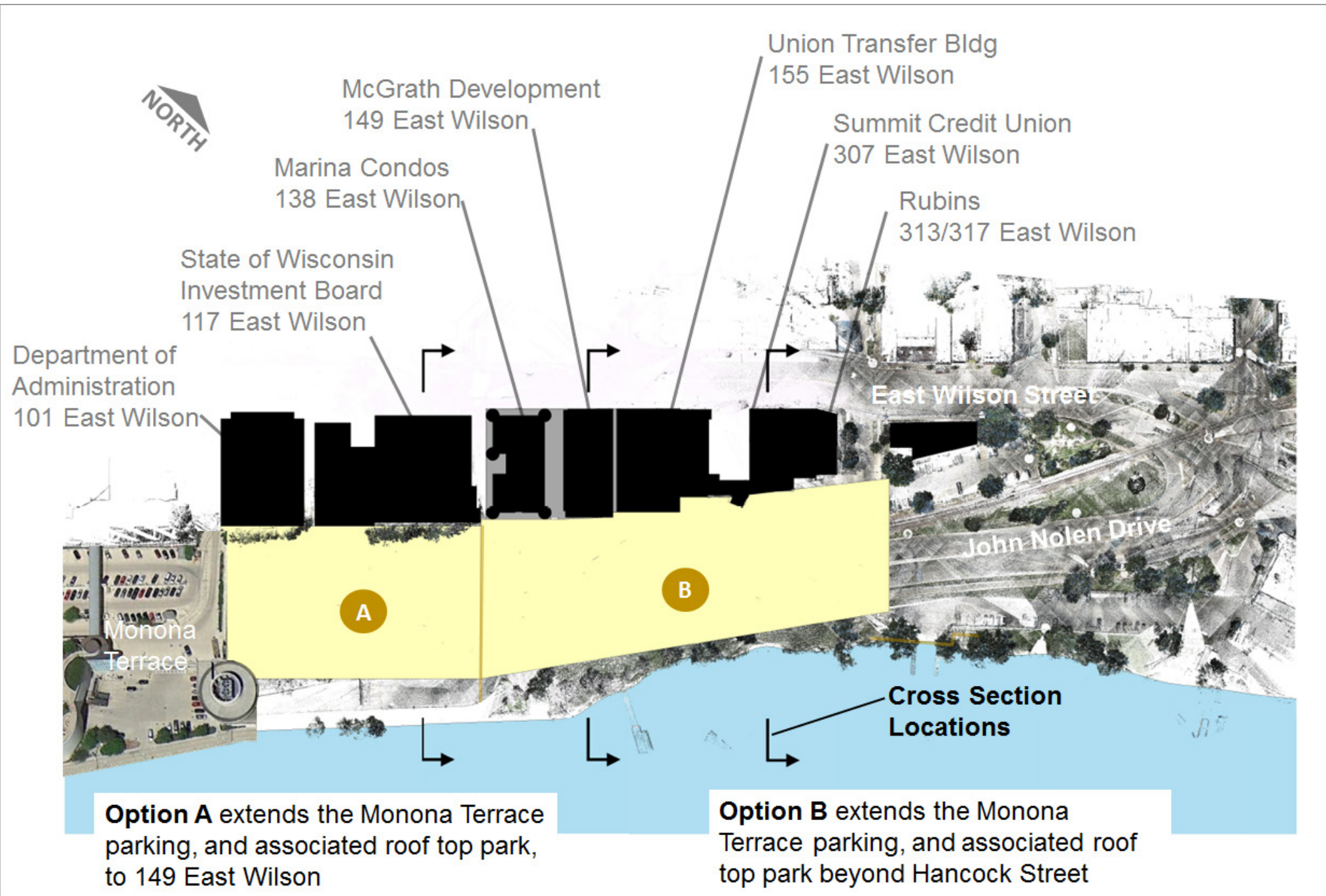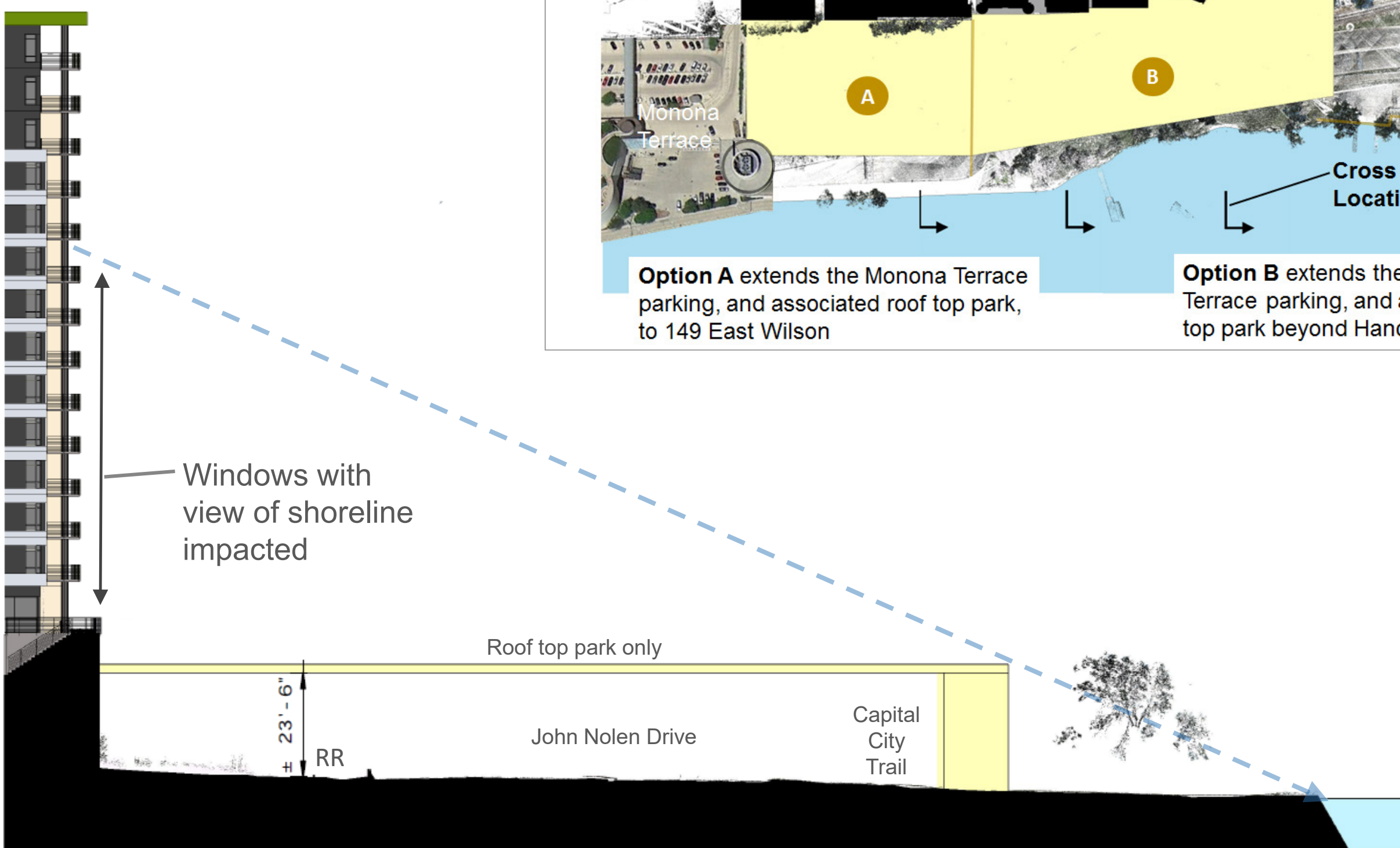CITY OF MADISON ENGINEERING

# Discussion of Concepts East of Monona Terrace

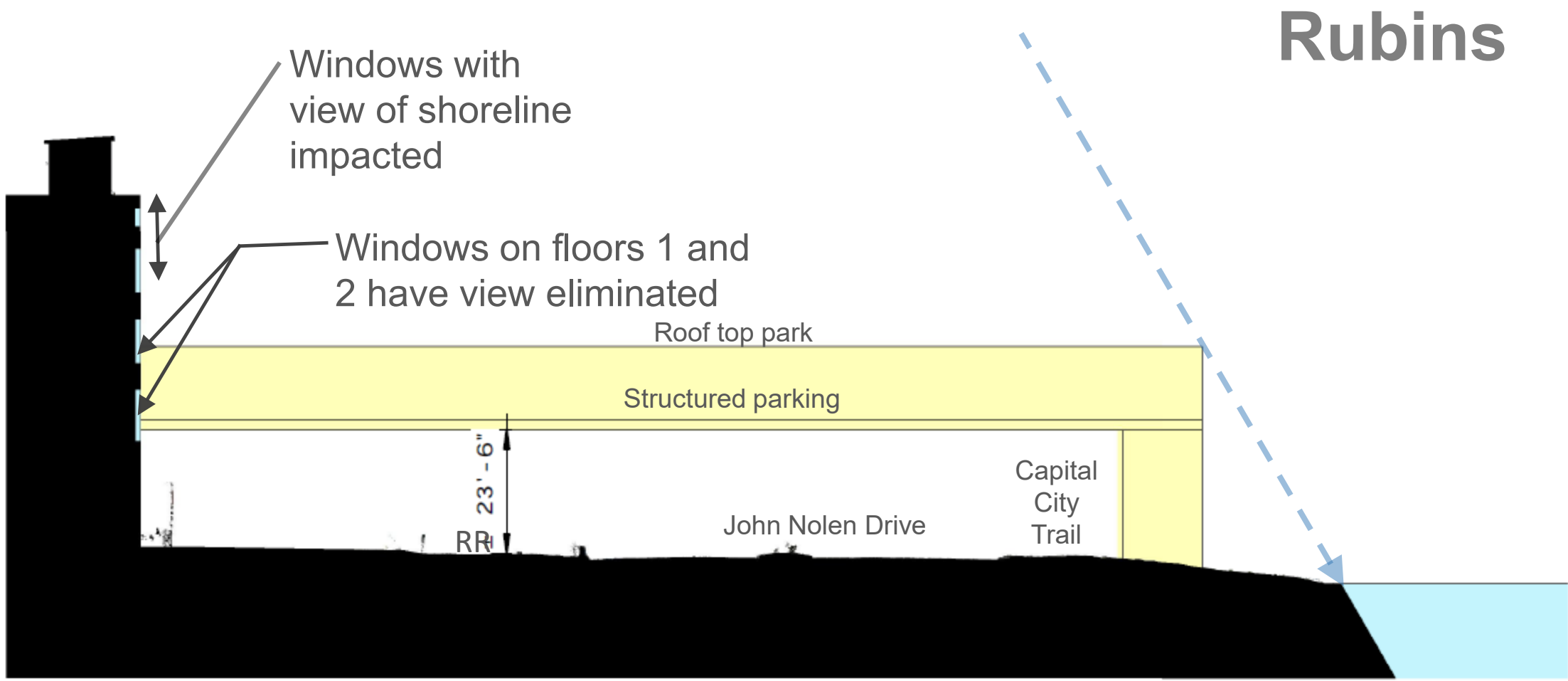## Cross Sections and View Shed Analysis with Point Cloud

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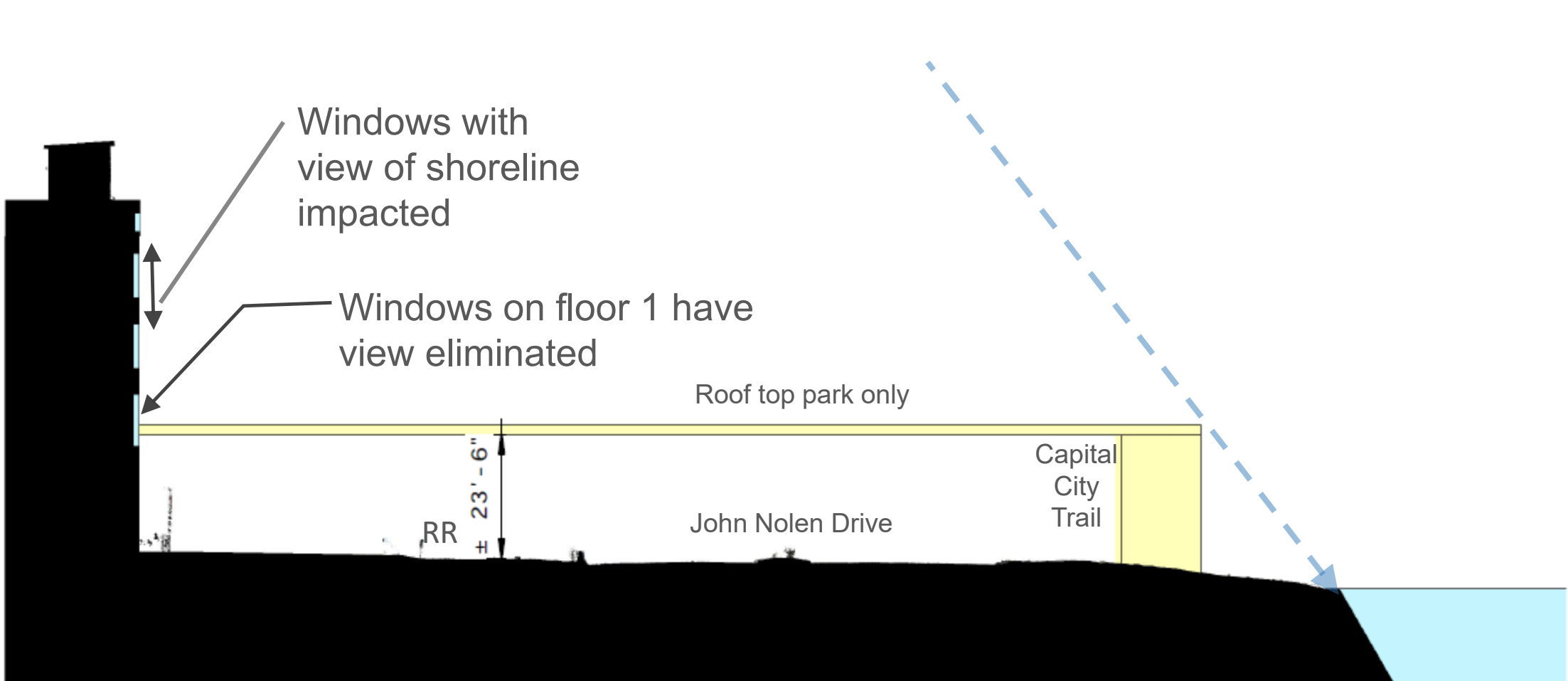
NORTH

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149 East Wilson

Union Transfer Bldg
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Marina Condos
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State of Wisconsin
Investment Board
117 East Wilson

Rubins
313/317 East Wilson

Department of
Administration
101 East Wilson

East Wilson Street

John Nolen Drive

Monona
Terrace

A

B

Cross Section
Locations

**Option A** extends the Monona Terrace parking, and associated roof top park, to 149 East Wilson

**Option B** extends the Monona Terrace parking, and associated roof top park beyond Hancock Street

### McGrath Development

Windows with view of shoreline impacted

Windows with view eliminated

Roof top park

Structured parking

23' - 6"

RR

John Nolen Drive

Capital City Trail

**149 East Wilson**
**With Structured Parking**

Windows with view of shoreline impacted

Roof top park only

23' - 6"

RR

John Nolen Drive

Capital City Trail

**149 East Wilson**
**No Structured Parking**

### Rubins

Windows with view of shoreline impacted

Windows on floors 1 and 2 have view eliminated

Roof top park

Structured parking

23' - 6"

RR

John Nolen Drive

Capital City Trail

**313 East Wilson**
**With Structured Parking**

Windows with view of shoreline impacted

Windows on floor 1 have view eliminated

Roof top park only

23' - 6"

RR

John Nolen Drive

Capital City Trail

**313 East Wilson**
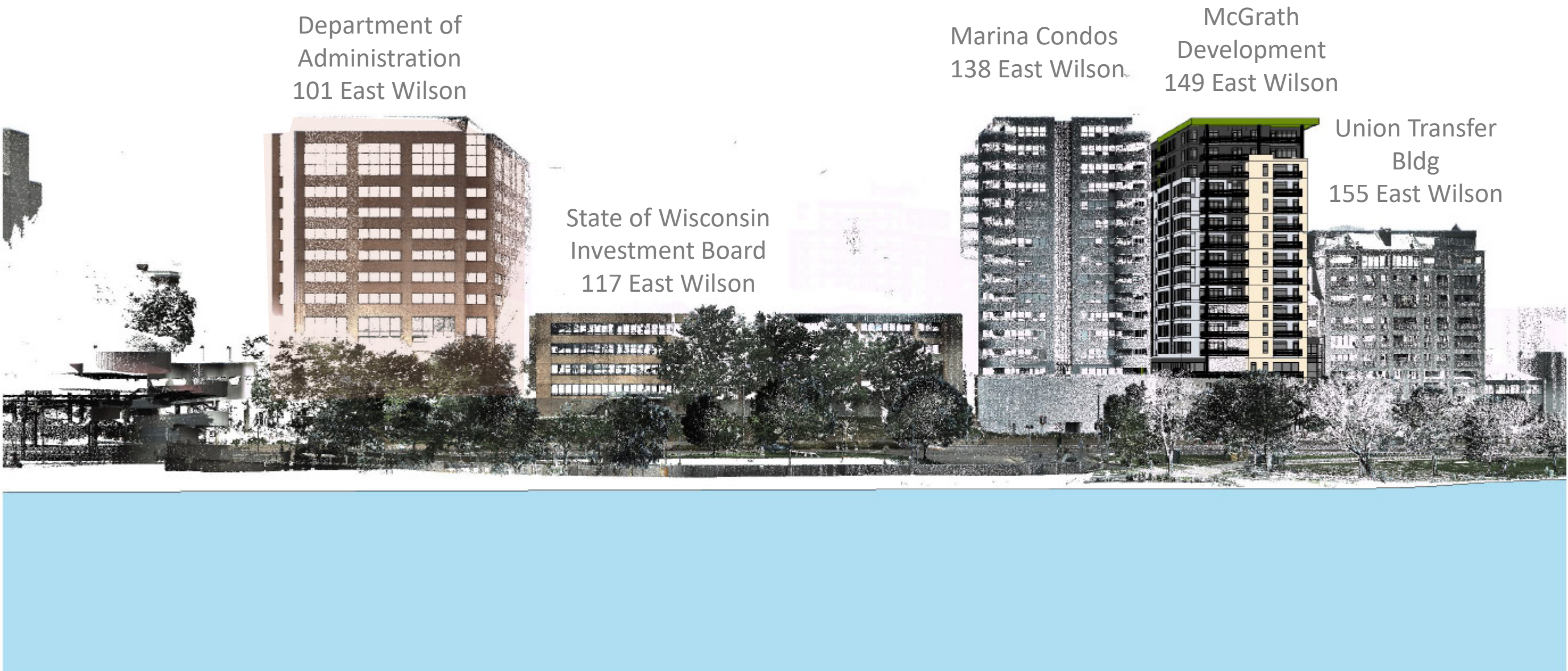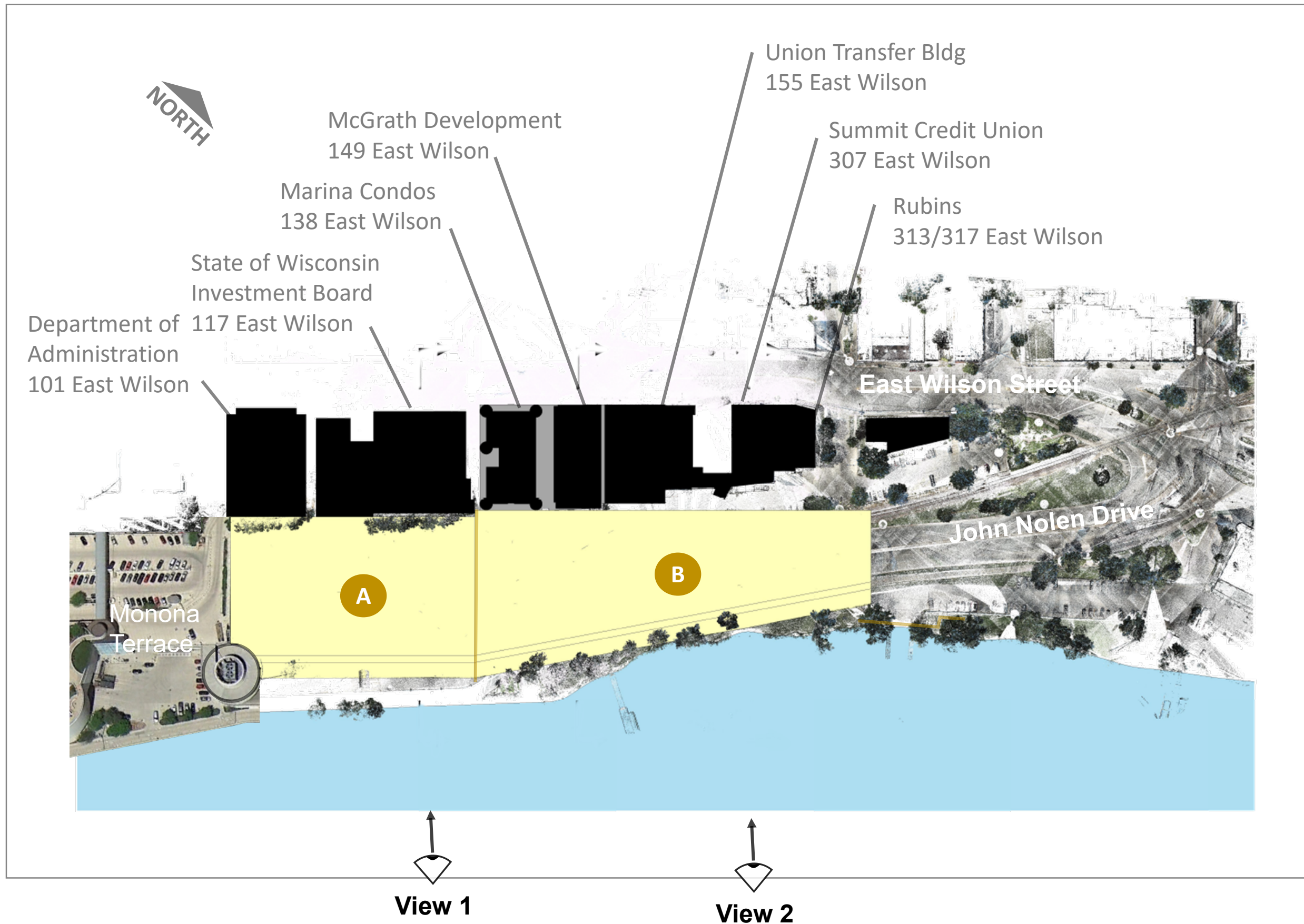**No Structured Parking**

CITY OF MADISON ENGINEERING

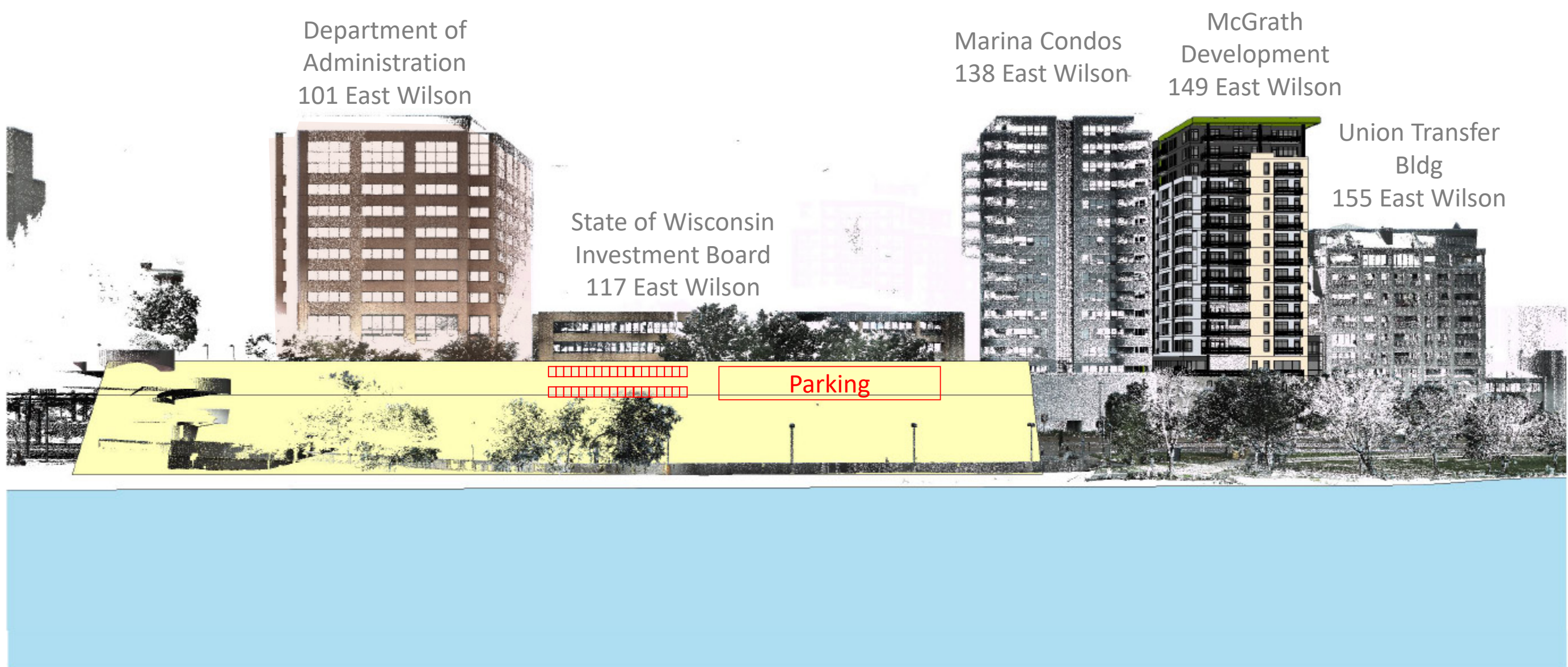# Discussion of Concepts East of Monona Terrace

## View Shed Analysis with Point Cloud

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## View 1 With and Without Structure Extension Over John Nolen Drive



VIEW 01 EXISTING



VIEW 1 – A - STRUCTURED PARKING AND ROOF TOP PARK
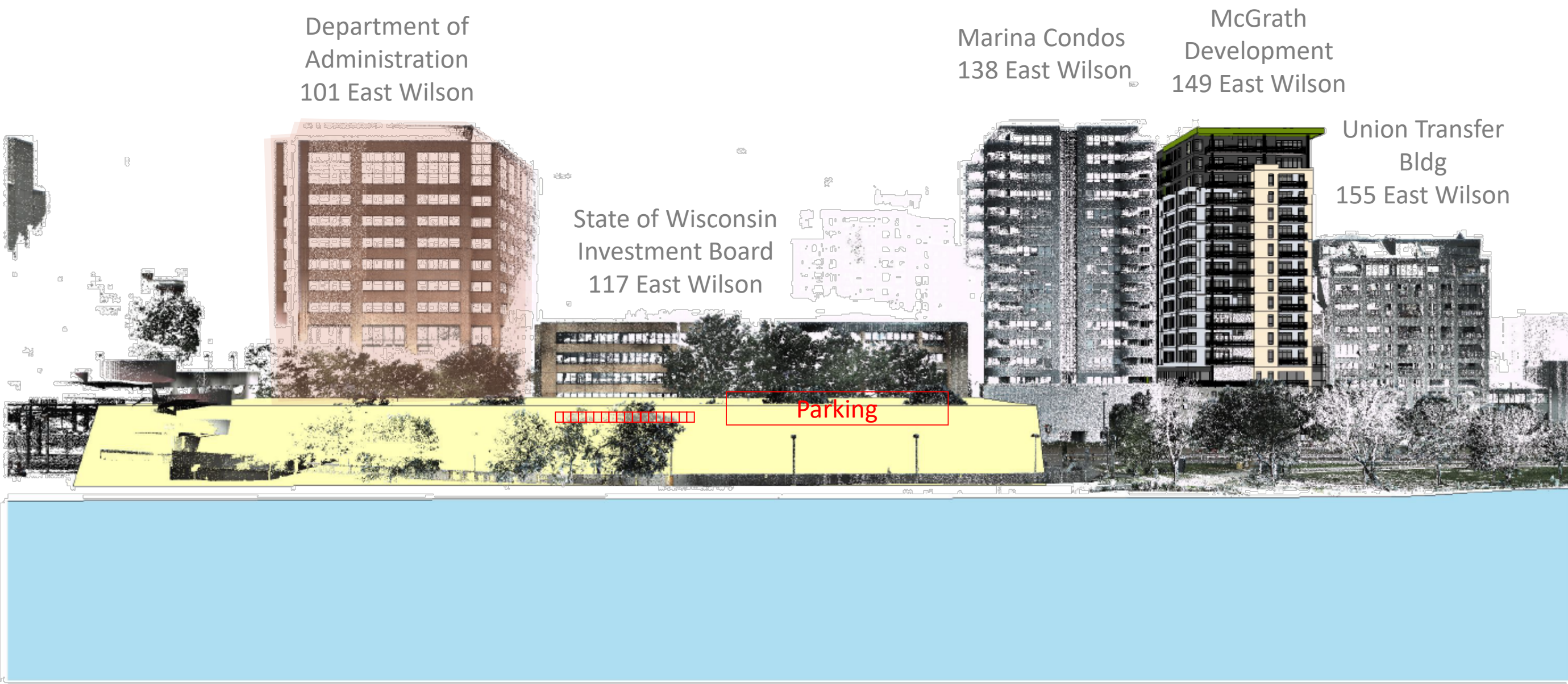


VIEW 1 – A - ROOF TOP PARK ONLY

# Discussion of Concepts East of Monona Terrace

## View Shed Analysis with Point Cloud

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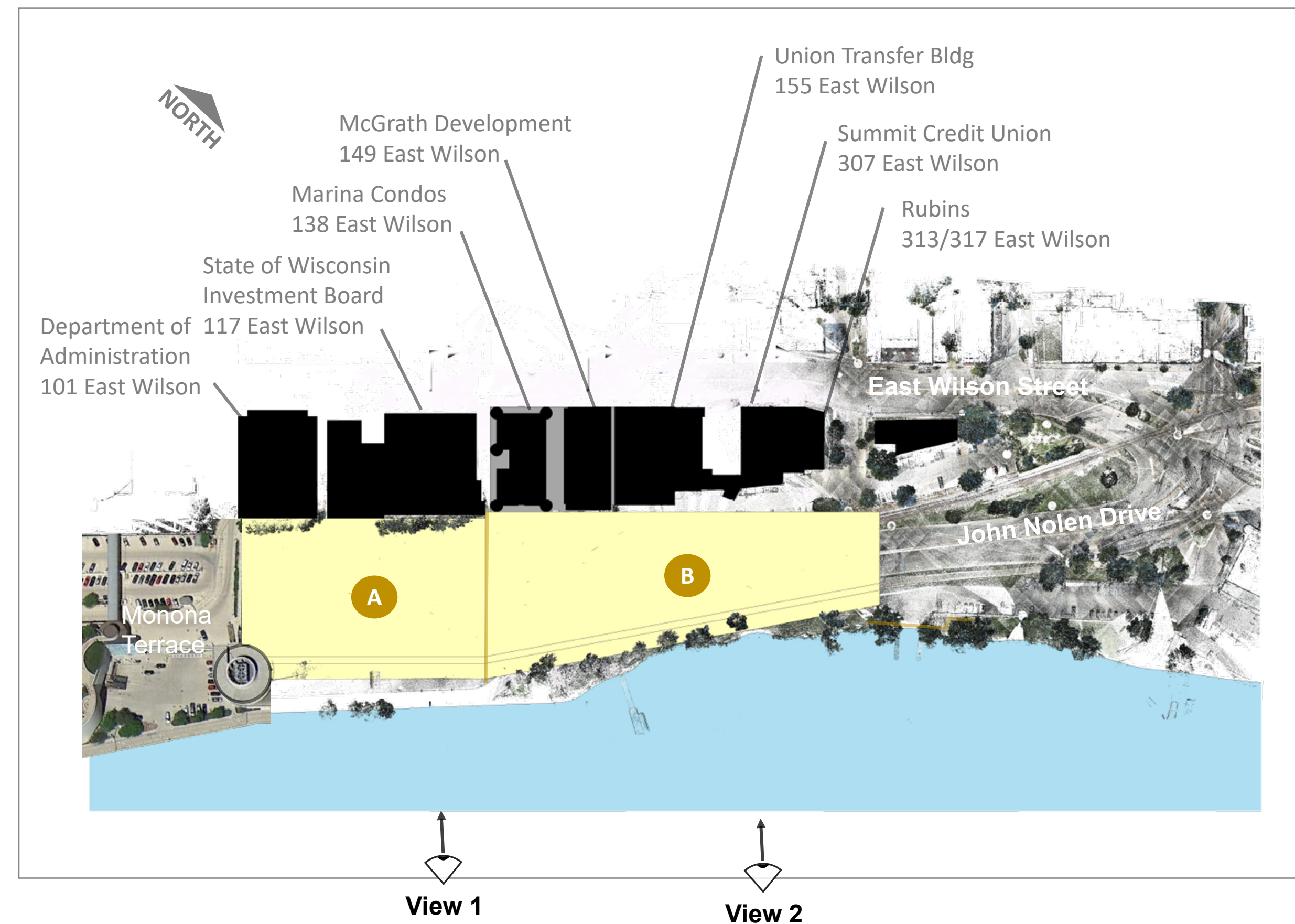
## View 2 With and Without Structure Extension Over John Nolen Drive



NORTH

Union Transfer Bldg
155 East Wilson

McGrath Development
149 East Wilson

Summit Credit Union
307 East Wilson

Marina Condos
138 East Wilson

Rubins
313/317 East Wilson

State of Wisconsin
Investment Board
117 East Wilson

Department of
Administration
101 East Wilson

East Wilson Street

John Nolen Drive

Monona Terrace

A    B

View 1    View 2

### VIEW 02 EXISTING

Department of Administration 101 East Wilson · State of Wisconsin Investment Board 117 East Wilson · Marina Condos 138 East Wilson · McGrath Development 149 East Wilson · Union Transfer Bldg 155 East Wilson · Summit 307 East Wilson · Rubins 313 East Wilson

### VIEW 2 -   A - STRUCTURED PARKING AND ROOF TOP PARK
### B - ROOF TOP PARK ONLY

Parking

### VIEW 2 – A & B -STRUCTURED PARKING AND ROOF TOP PARK

Parking

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