

# Sun Shadow Analysis Written Summary

## Shadow impacts:

Sensitive areas within the sun shadow analysis' study area include a traditional mainstreet (Bank Street), parks and open spaces around the site, and plazas surrounding the Aberdeen Pavilion. The sun shadow study represents the park spaces as a green patterned hatch, open spaces as a purple patterned hatch, plaza spaces as a yellow patterned hatch and Bank Street as a blue dashed line (refer to sensitive areas legend).

The public spaces including parks, open spaces and plazas are not impacted by the criteria of any new net shadow resulting in an average of 50% of any public space being cast in shadow for 5 or more hourly interval times during the September test date.

A communal amenity area of a public outdoor pool at Sylvia Holden Children's Park is indicated in the study however there are no shadow impact from new net shadow and the as-of-right shadow to this area.

The traditional mainstreet of Bank Street is not impacted by the criteria of a new net shadow in any one spot for more than 3 consecutive hourly test times of the sidewalk on the opposite side of the street, being cast in shadow during the September test date.

## Latitude and Longitude of Site:

Lat: 45°23'57.1"N

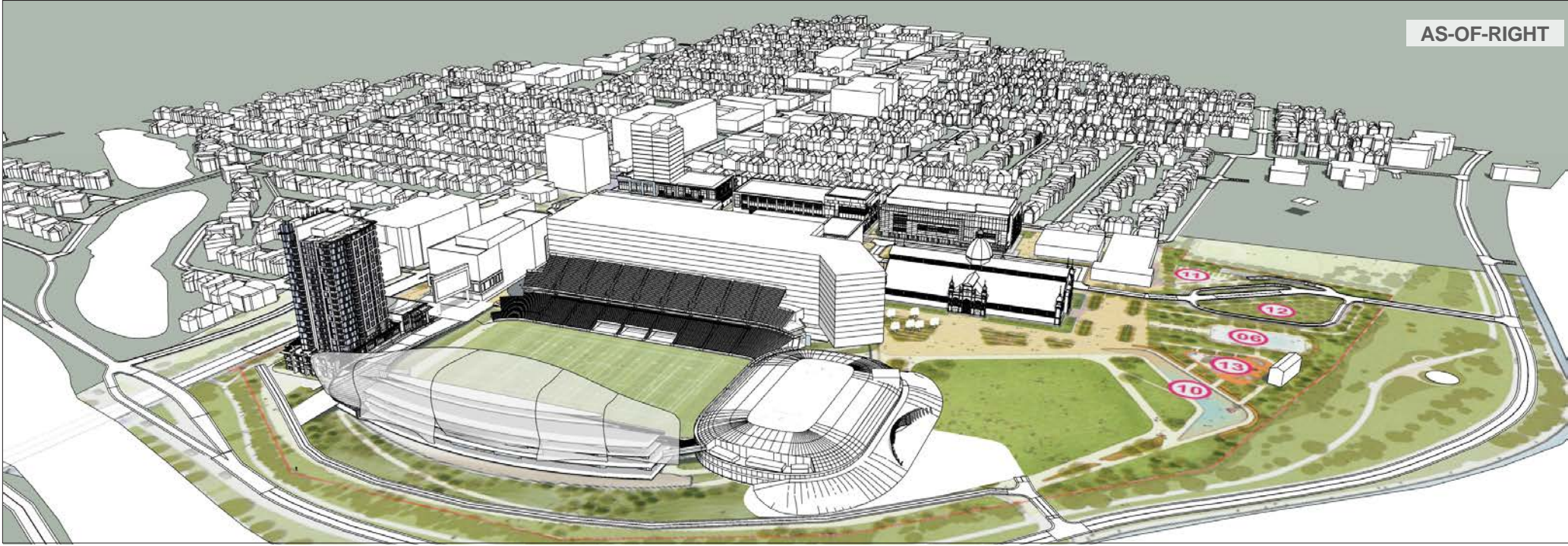
Lng: 75°41'05.1"W



CONCEPT 2022



AS-OF-RIGHT

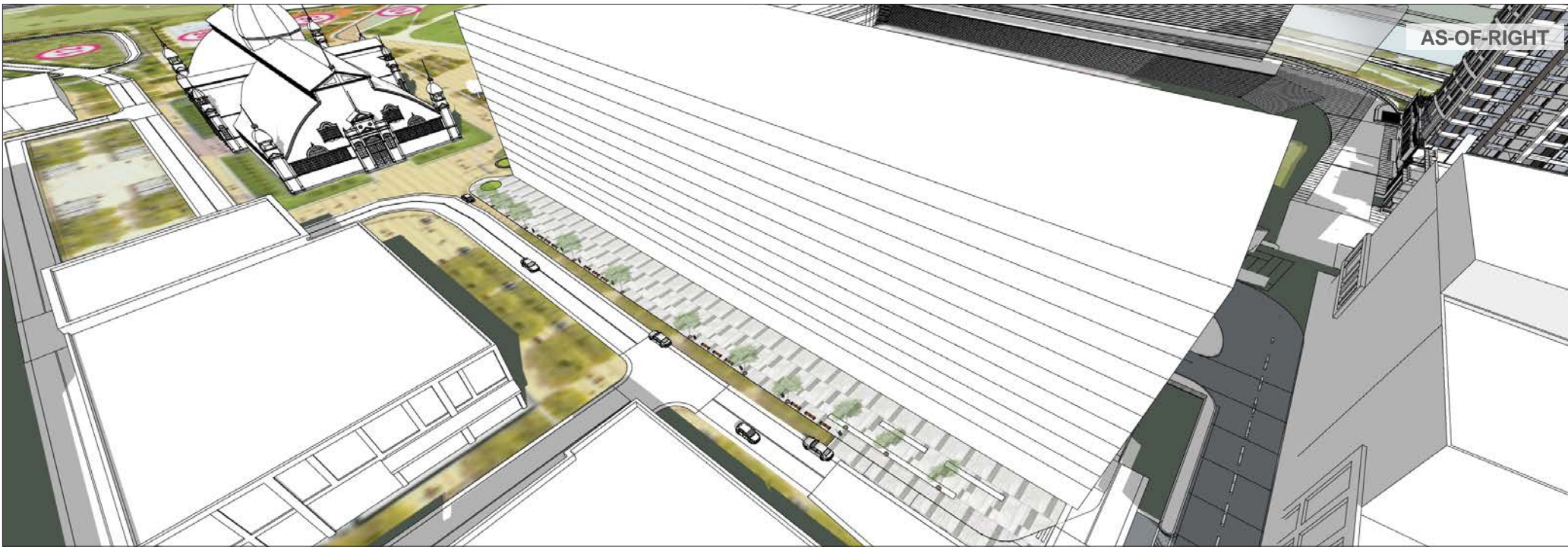




CONCEPT 2022



AS-OF-RIGHT



**LANSDOWNE PARK**  
900 EXHIBITION WAY, OTTAWA, ON  
Massing Perspectives

Company:  
Prepared by:  
Date:

Hobin Architecture  
Cristina Hoang  
July 04, 2023

Application No.: UDRP Presentation  
Application Type:

Perspective view:  
AERIAL ABOVE EXHIBITION WAY



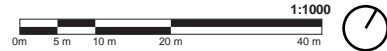
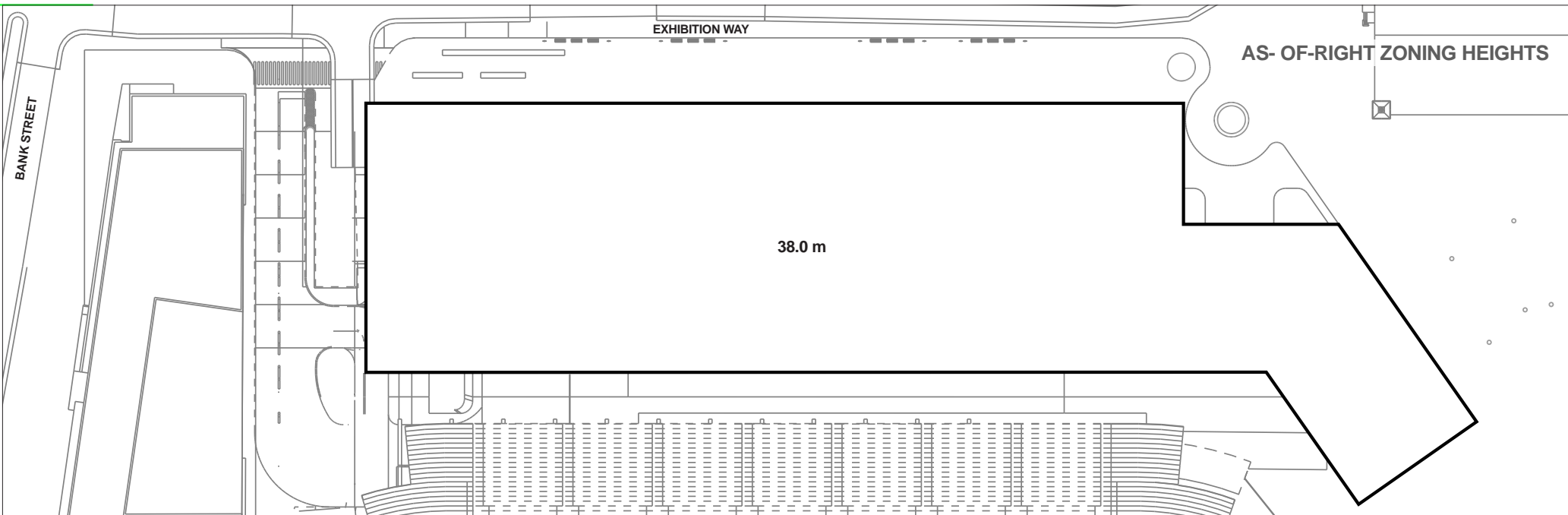
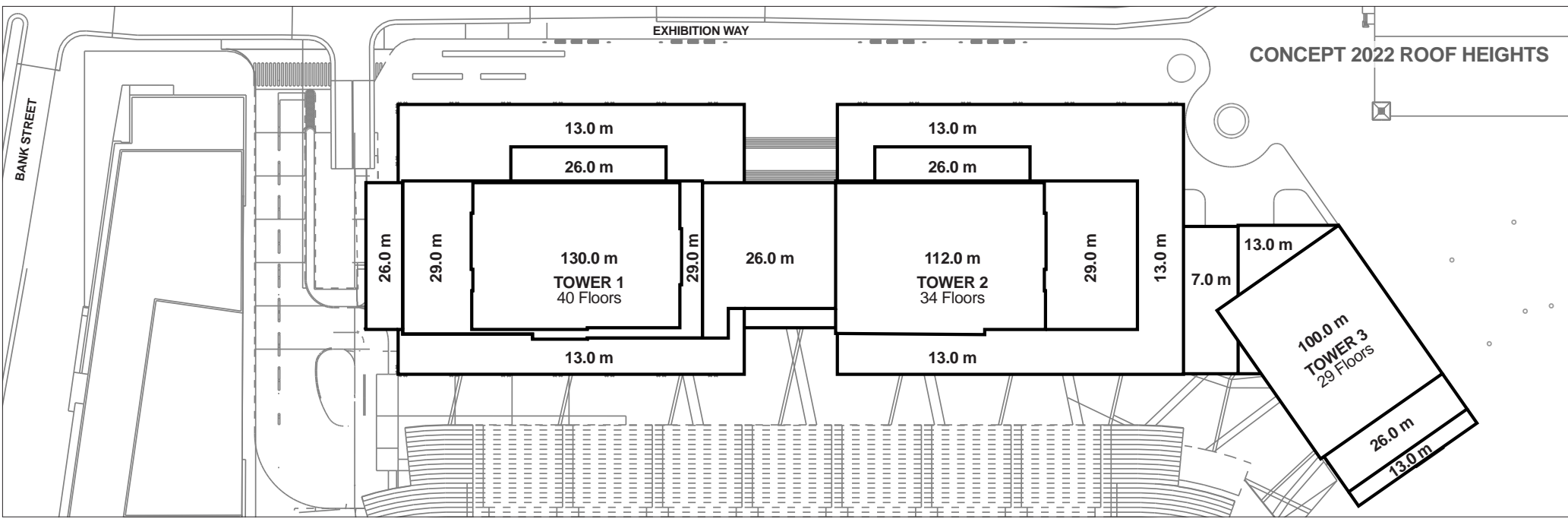
CONCEPT 2022



AS-OF-RIGHT









# JUNE 21



8:00 AM



9:00 AM



10:00 AM



11:00 AM



12:00 PM



1:00 PM



2:00 PM



3:00 PM



4:00 PM



5:00 PM



6:00 PM



7:00 PM



8:00 PM

# SEPTEMBER 21



8:00 AM



9:00 AM



10:00 AM



11:00 AM



12:00 PM



1:00 PM



2:00 PM



3:00 PM



4:00 PM



5:00 PM



6:00 PM

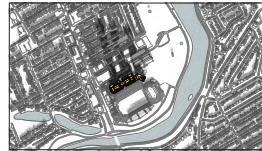
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9:00 AM



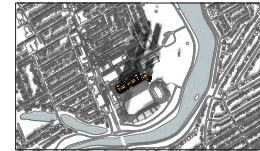
10:00 AM



11:00 AM



12:00 PM



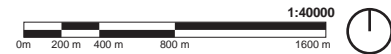
1:00 PM



2:00 PM



3:00 PM



1:40000

0m 200m 400m 800m 1600m

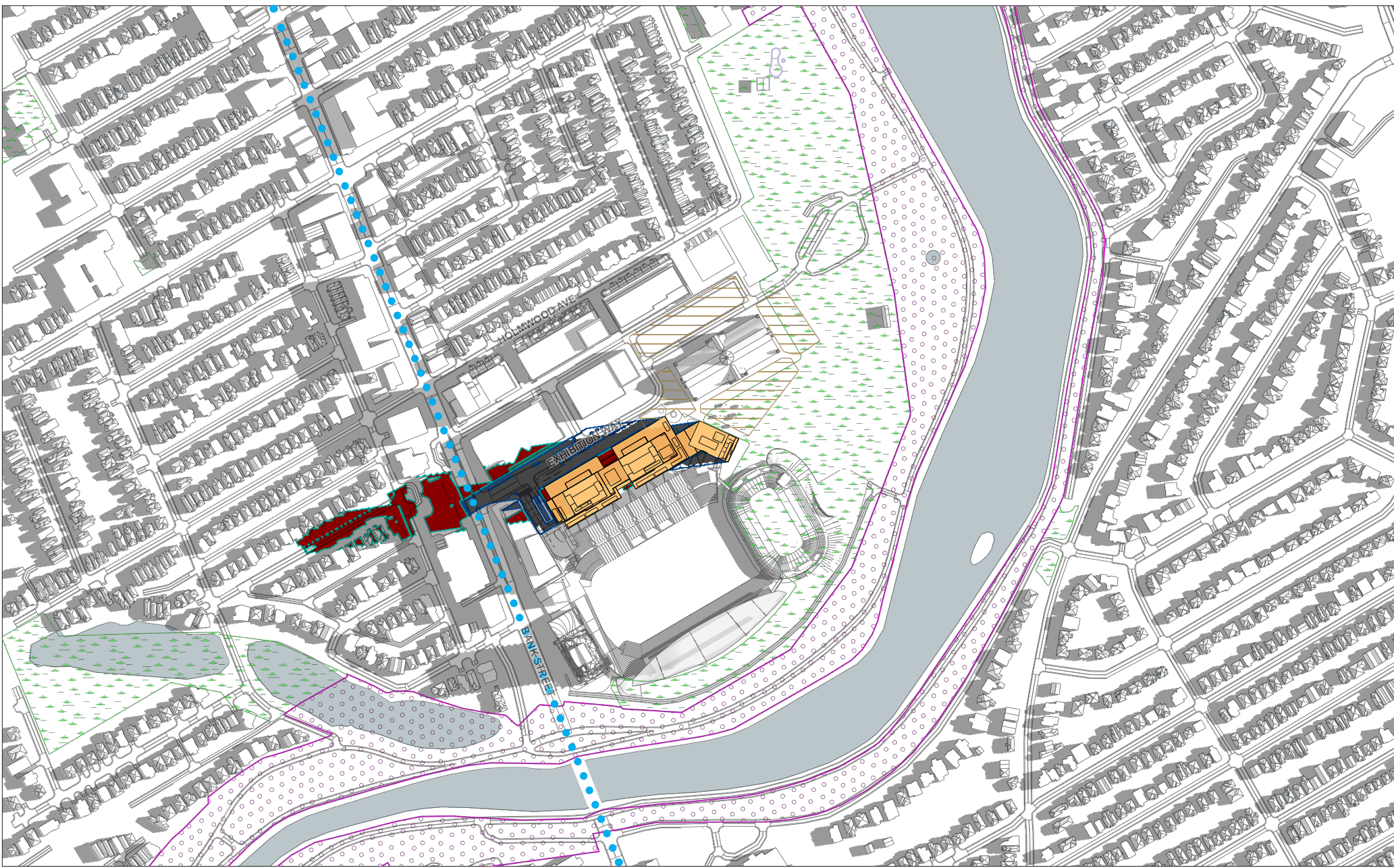


**LANSDOWNE PARK**  
900 EXHIBITION WAY, OTTAWA, ON  
Top-View Shadow Analysis

Company: Hobin Architecture  
Prepared by: Cristina Hoang  
Date: July 04, 2023

Application No.: UDRP Presentation  
Application Type: \_\_\_\_\_  
Scale: 1:40000





**LEGEND:**

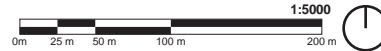
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

**SENSITIVE AREAS:**

- Public Outdoor Pool
- Park Spaces
- Traditional / Arterial Mainstreets
- Open Spaces
- Plaza

New = Concept 2022 (Approved In Principal)  
AOR = As-Of-Right







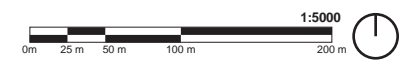
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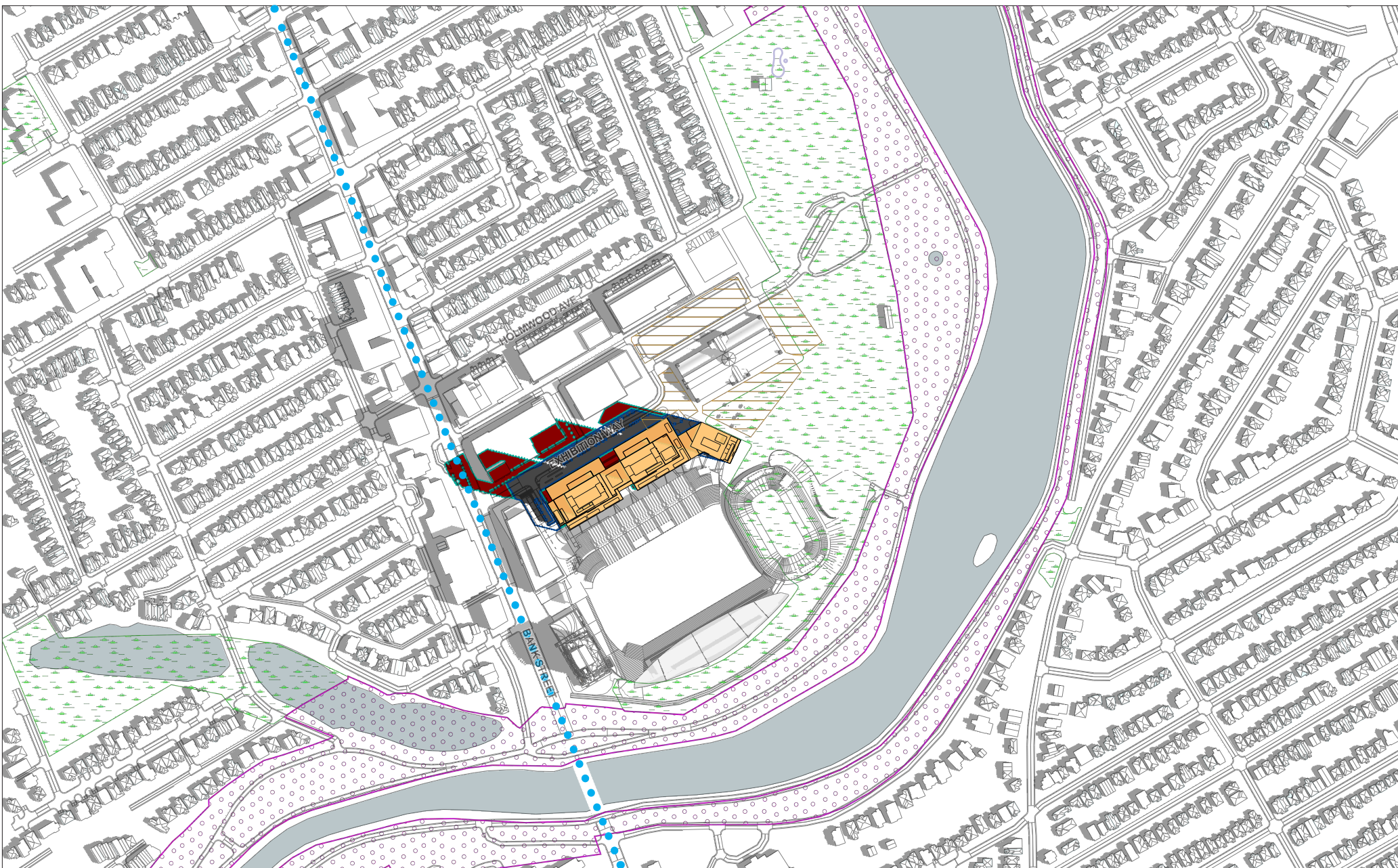
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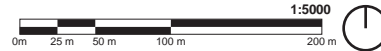
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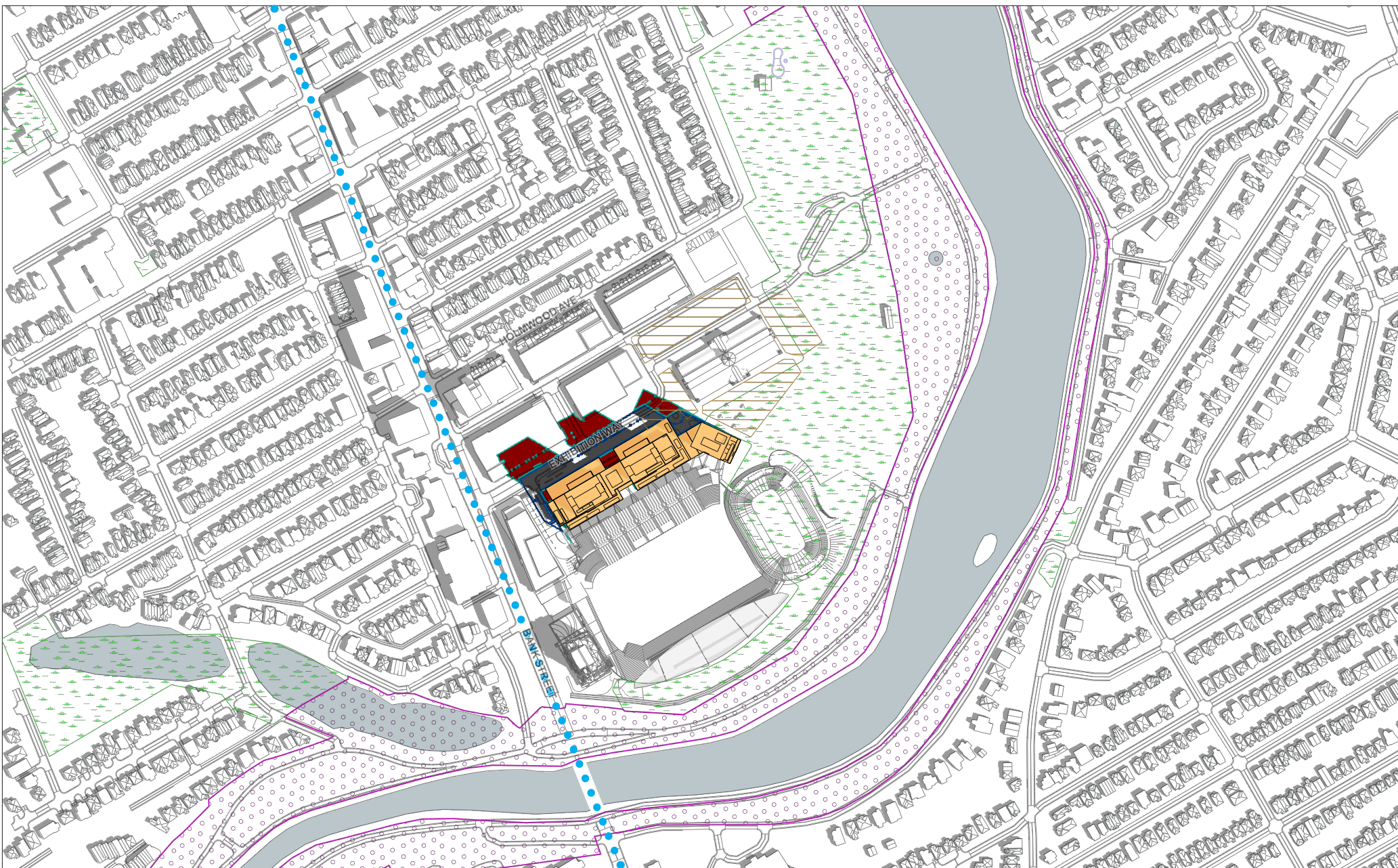
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**Prepared by:** Cristina Hoang  
**Date:** July 04, 2023

**Application No.:** UDRP Presentation  
**Application Type:** \_\_\_\_\_  
**Scale:** 1:5000

Figure test time:  
**JUNE 21 10:00am**  
 Eastern Daylight Time (EDT) = Universal Time, 4 hours  
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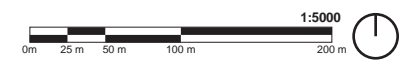
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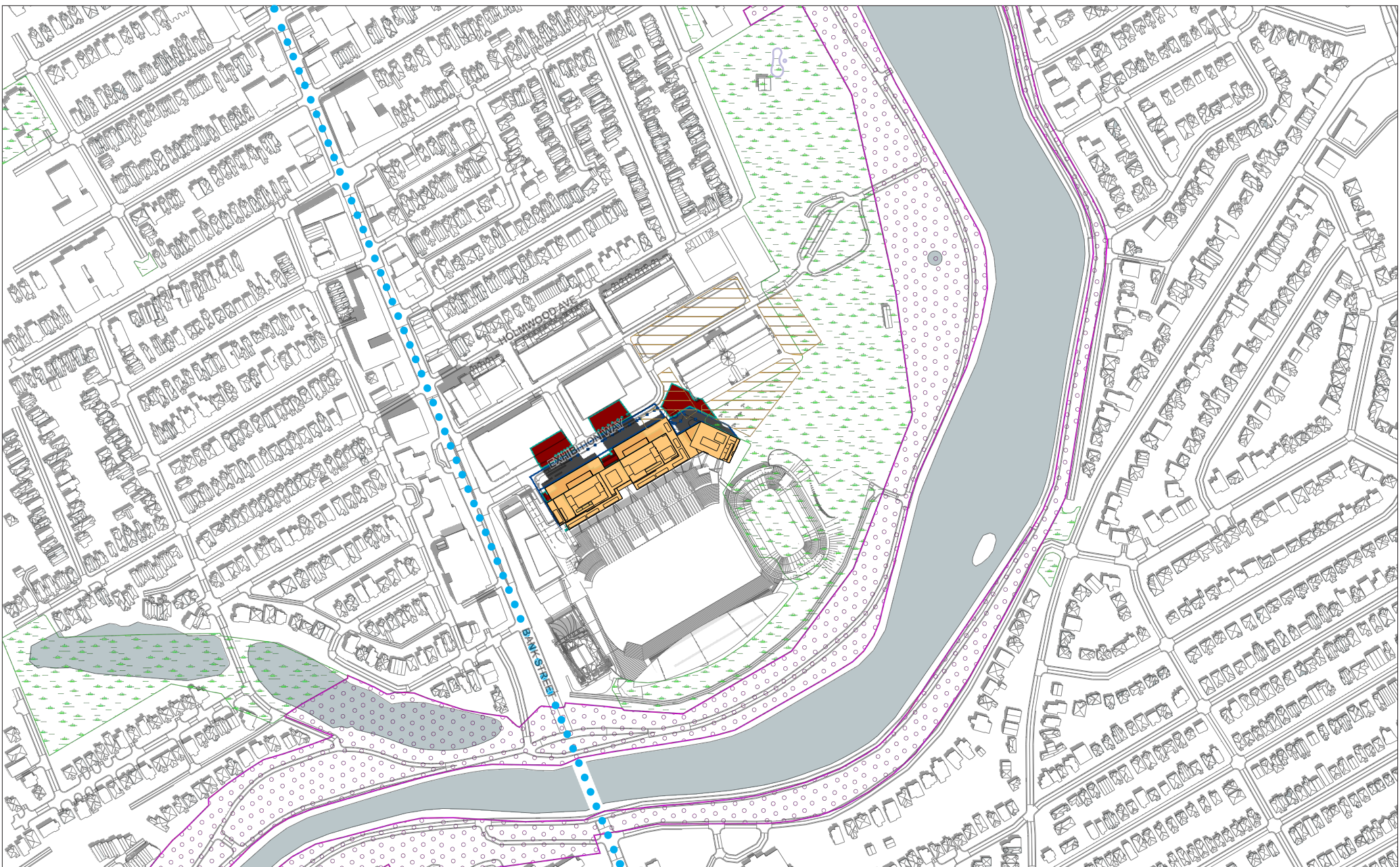
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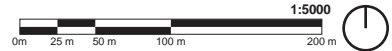
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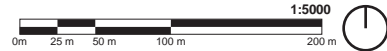




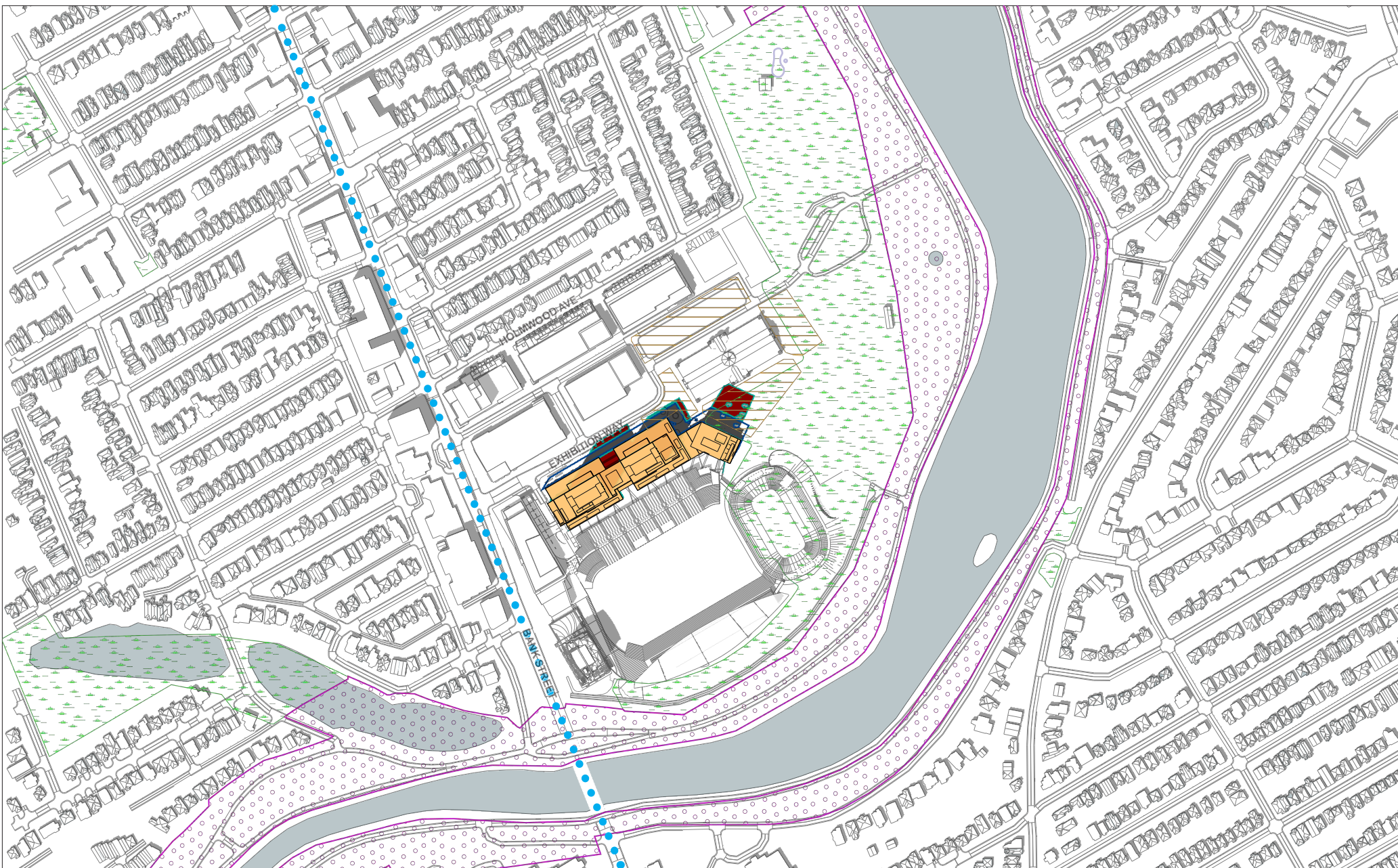
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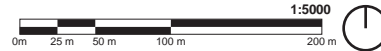
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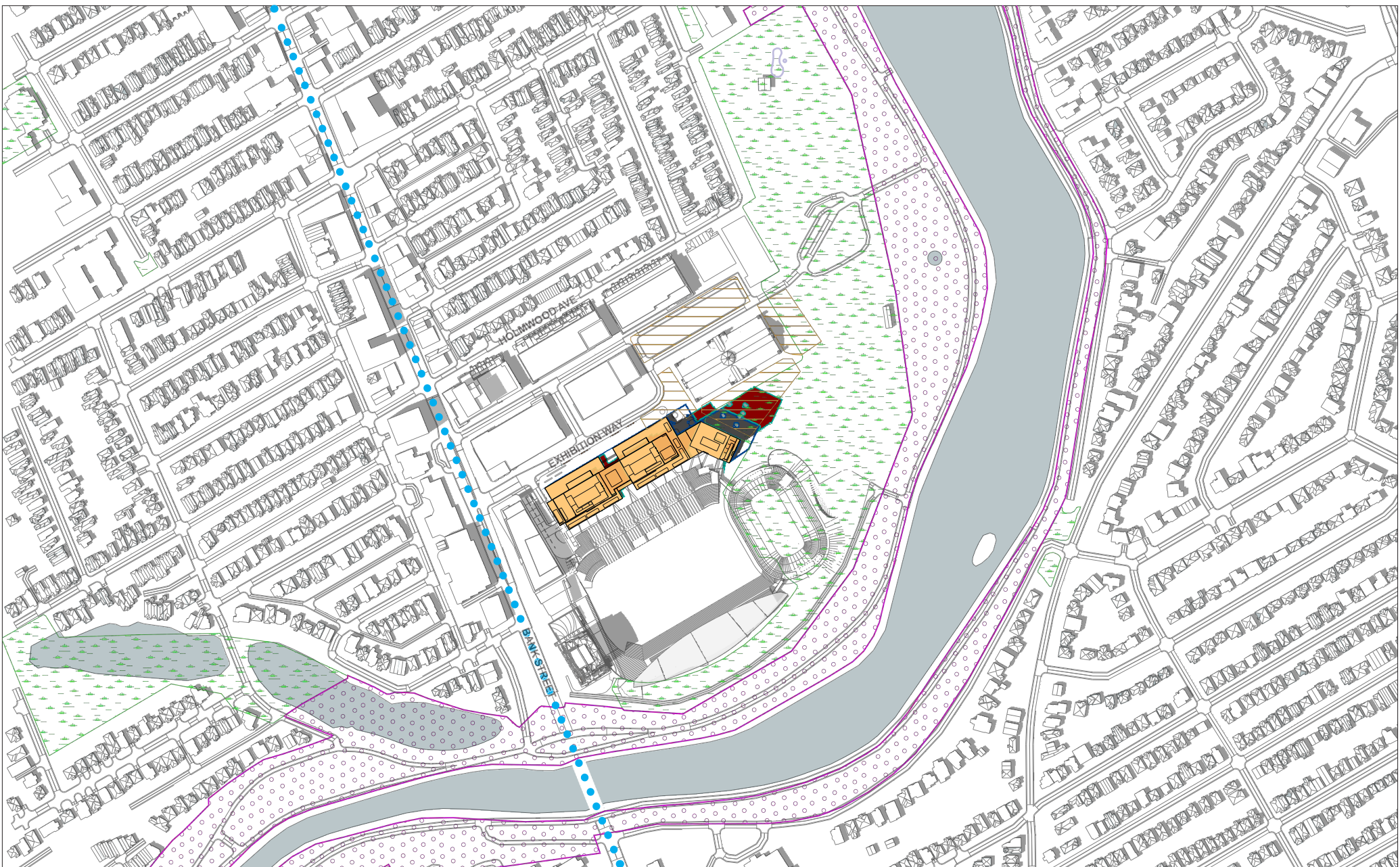
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Figure test time:  
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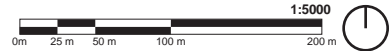
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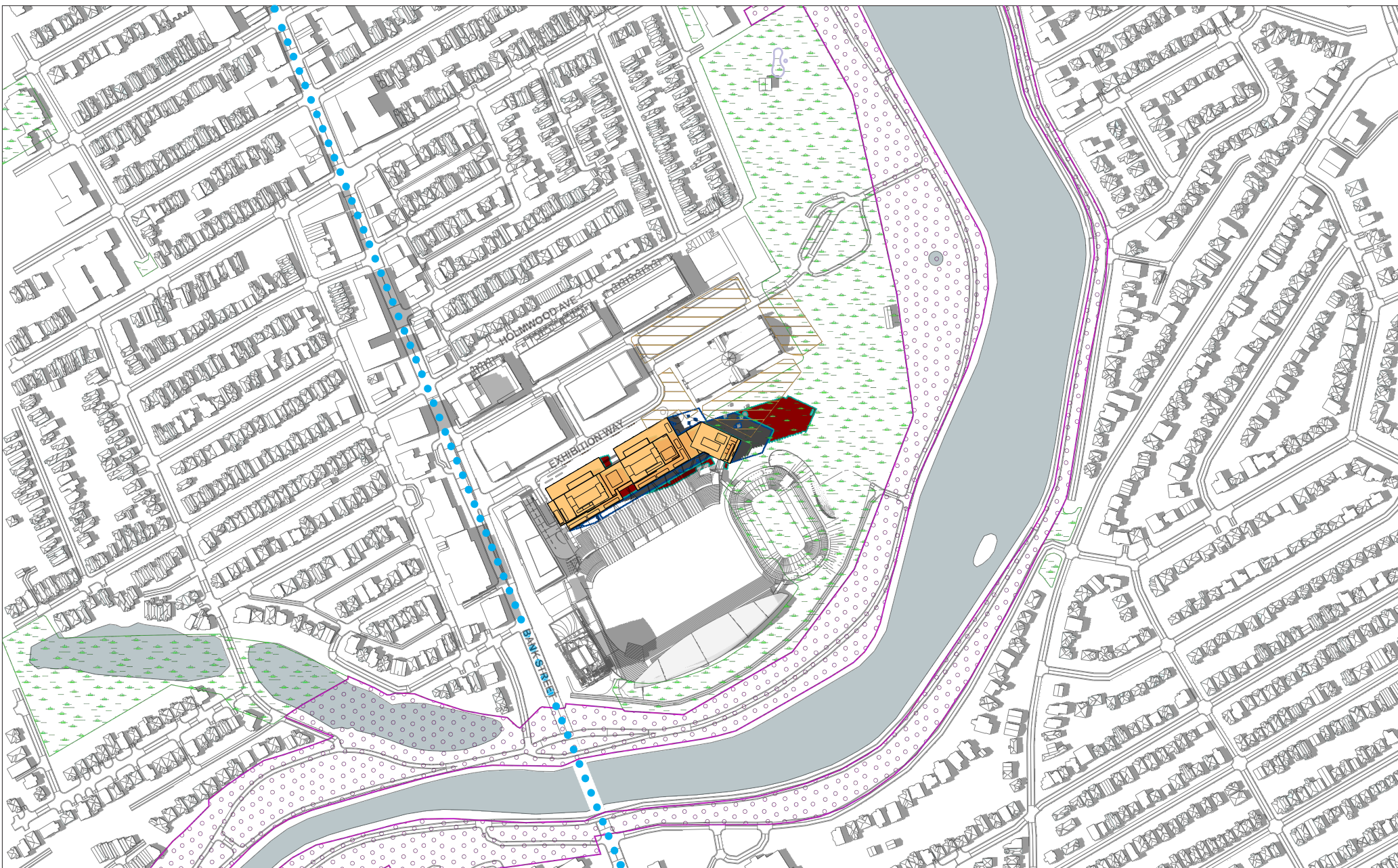
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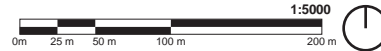
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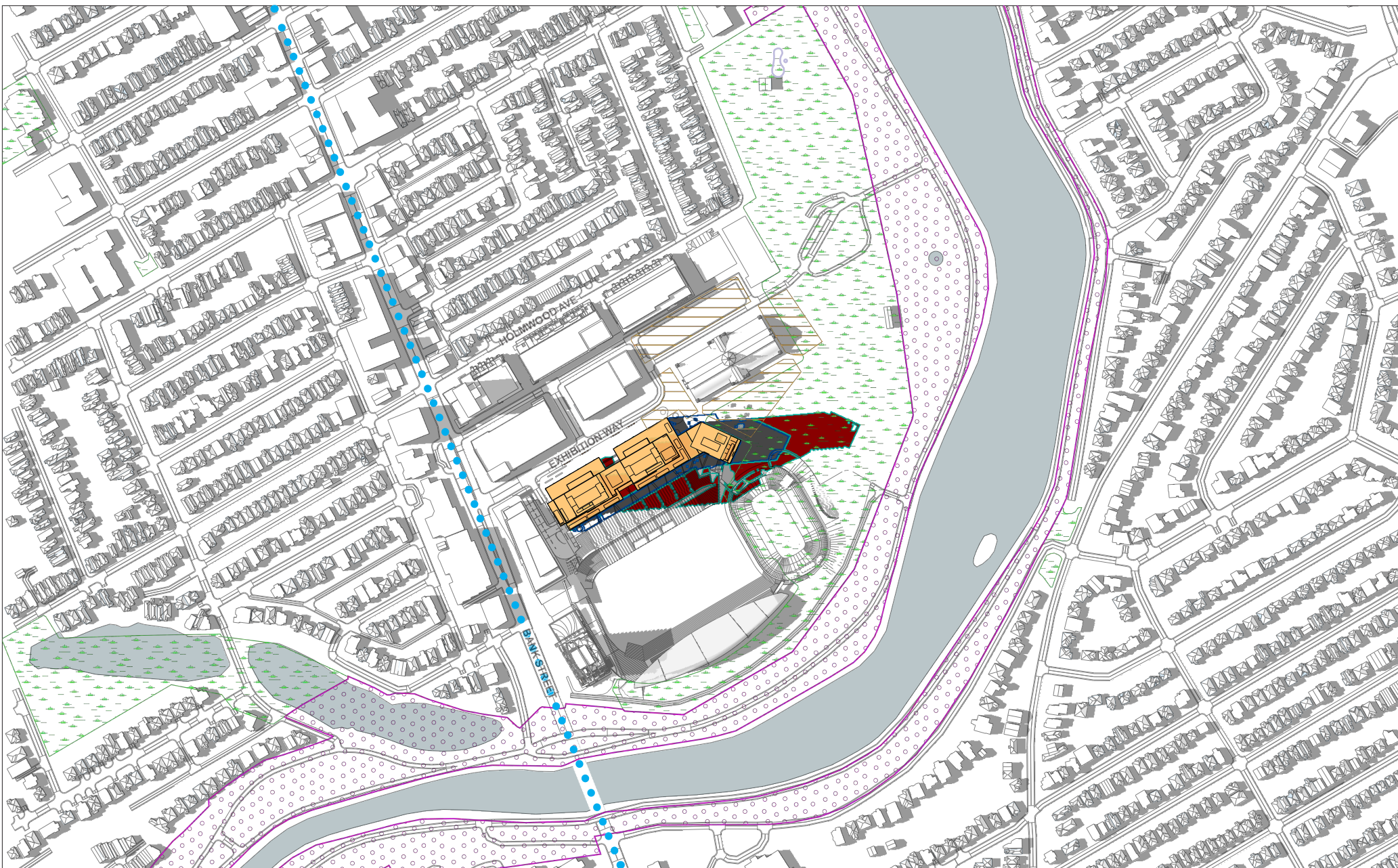
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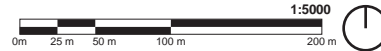
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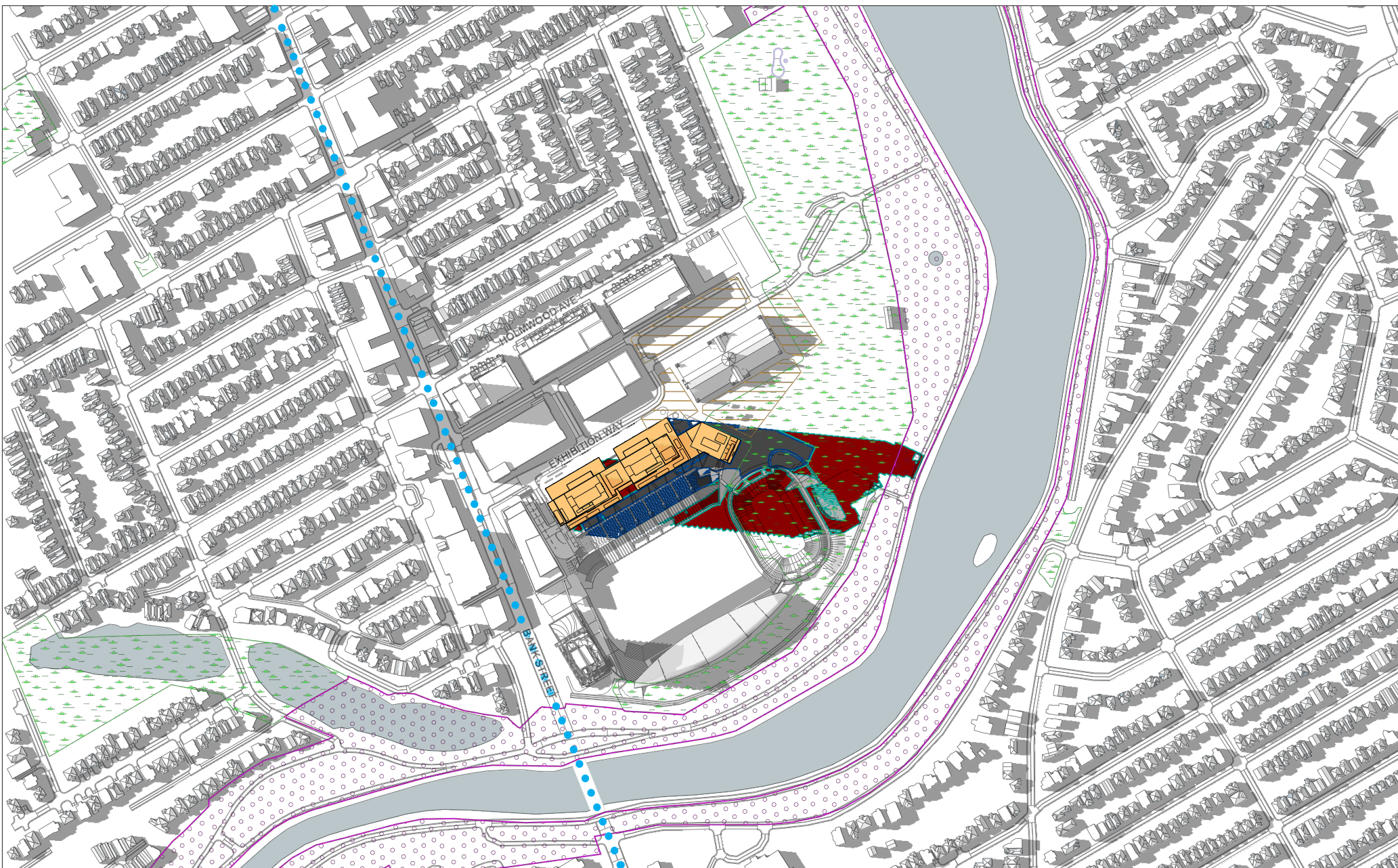
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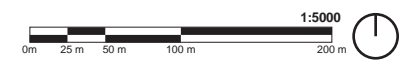
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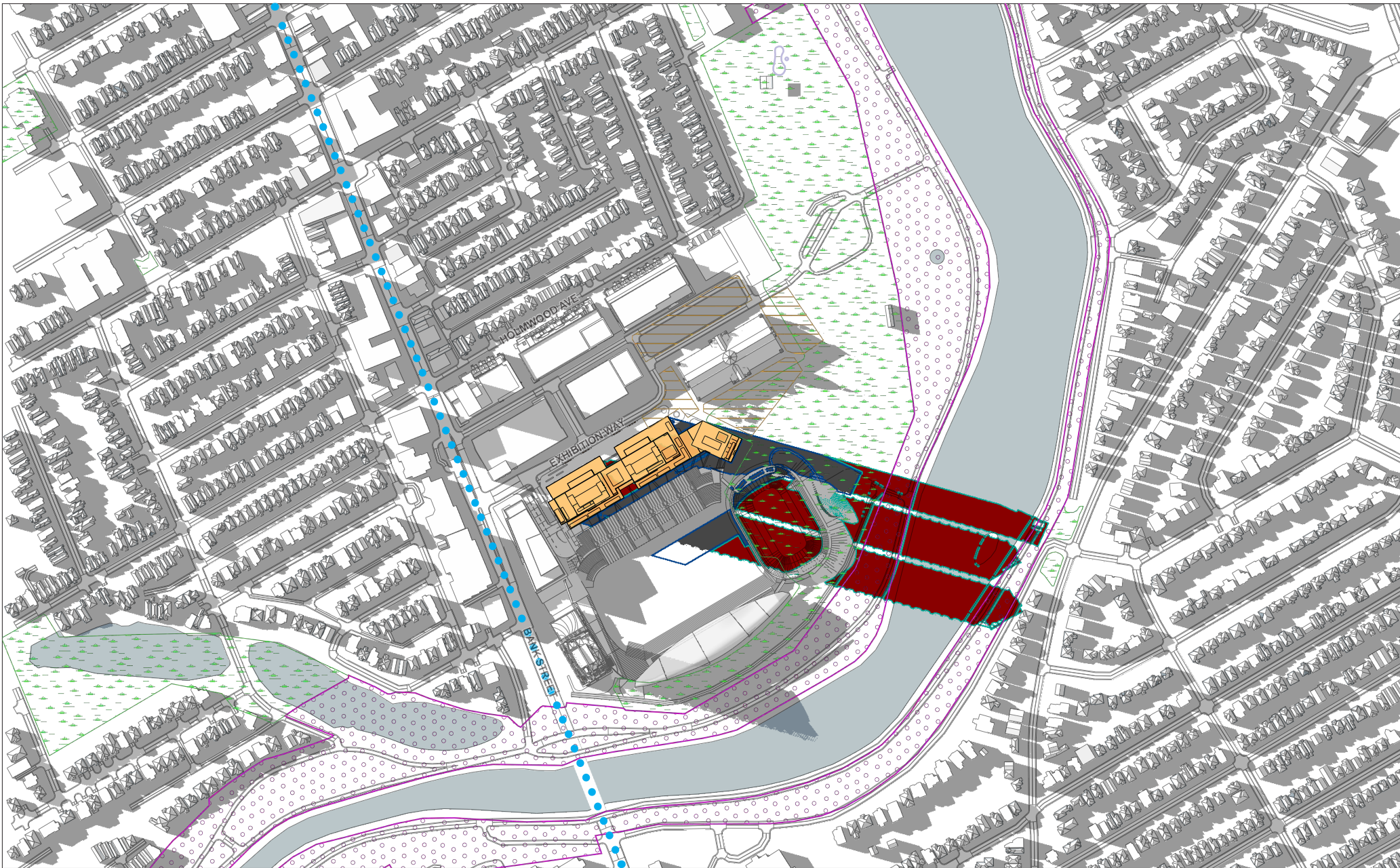
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**JUNE 21 6:00pm**  
 Eastern Daylight Time (EDT) = Universal Time, 4 hours  
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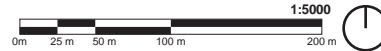
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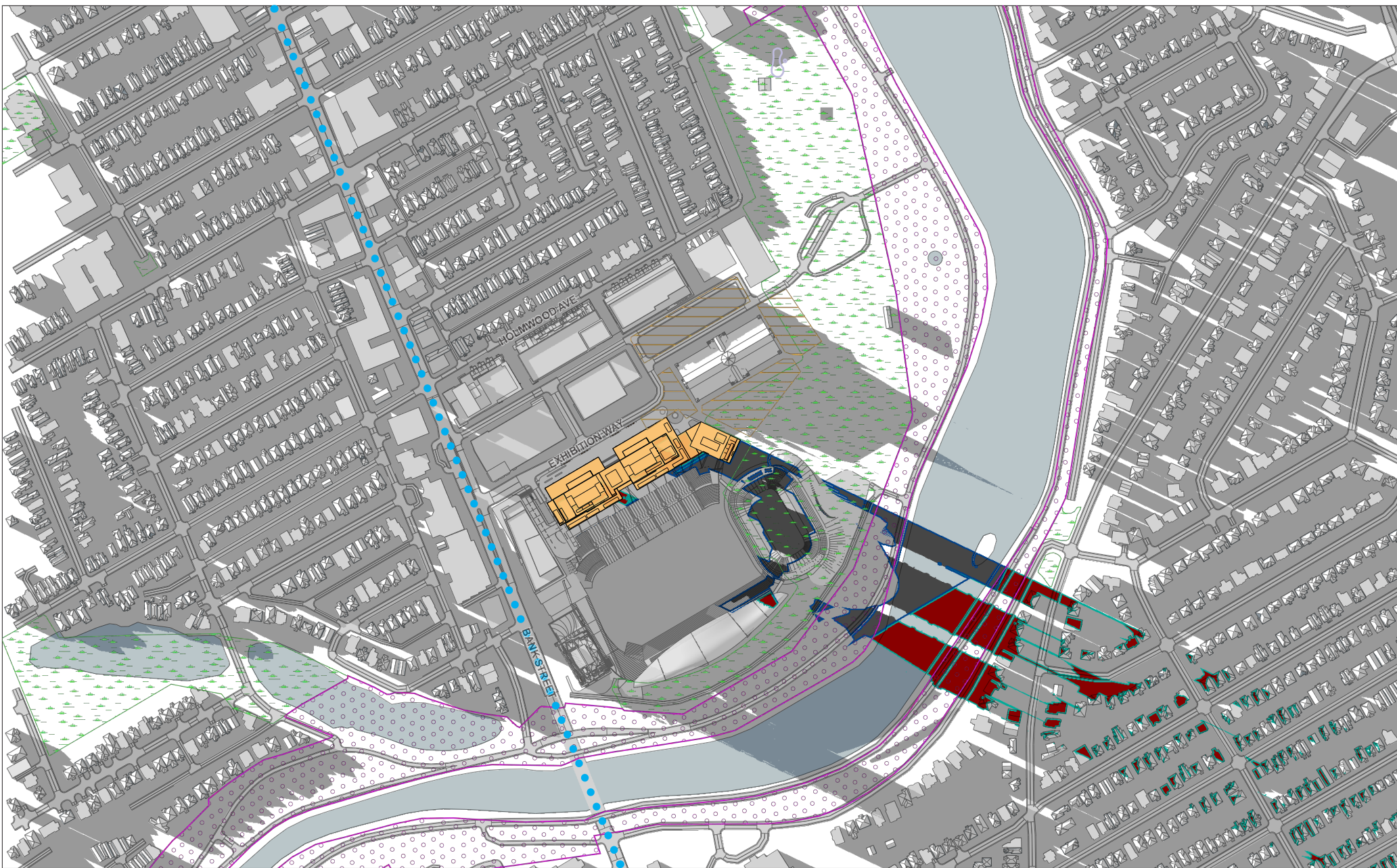
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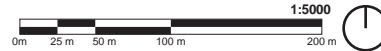
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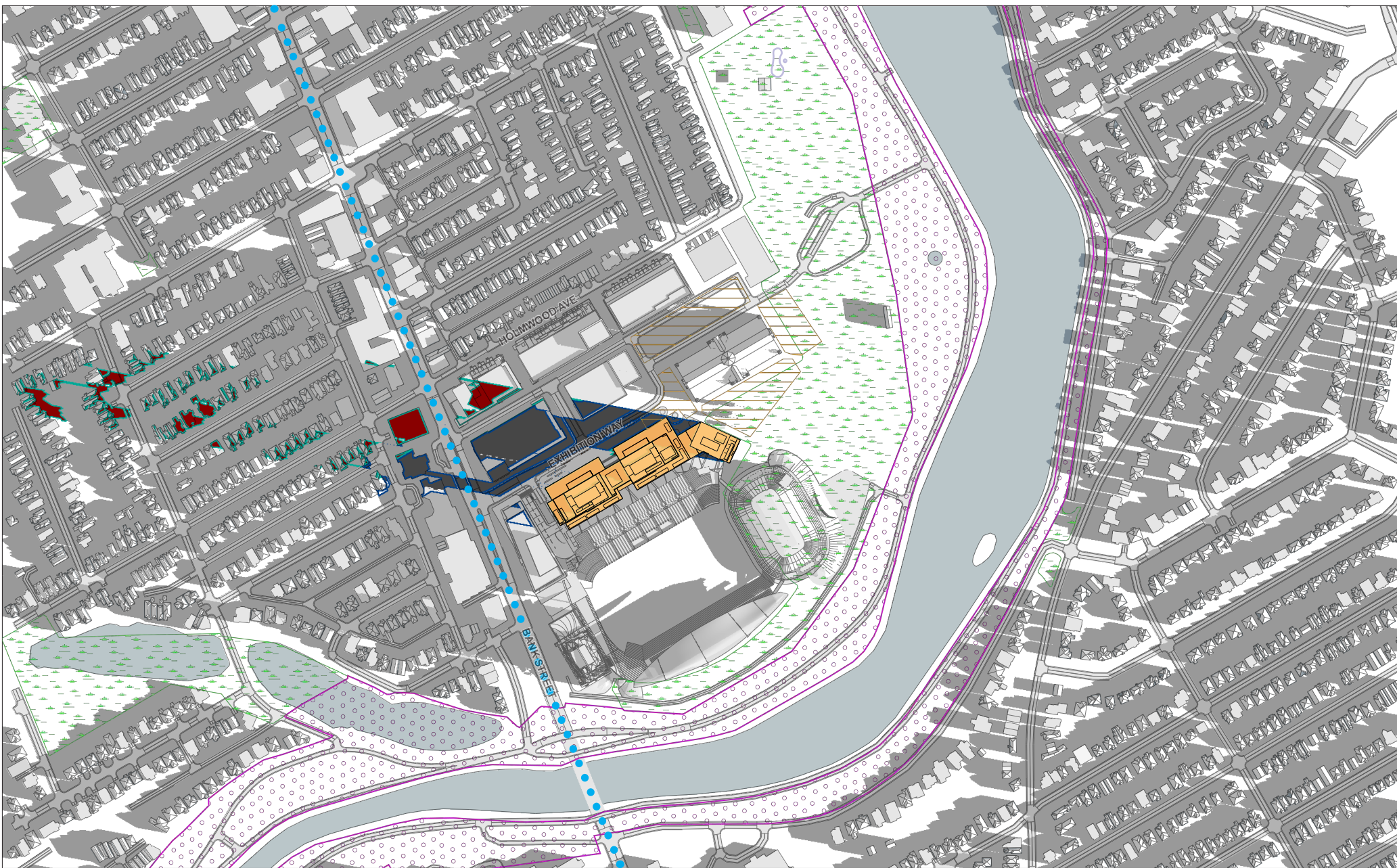
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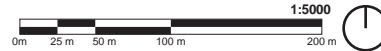
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**LANSDOWNE PARK**  
900 EXHIBITION WAY, OTTAWA, ON  
Top-View Shadow Analysis

Company: Hobin Architecture  
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Date: July 04, 2023

Application No.: UDRP Presentation  
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Figure test time:  
**SEPTEMBER 21 8:00am**  
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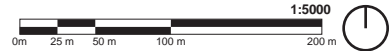
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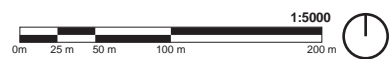
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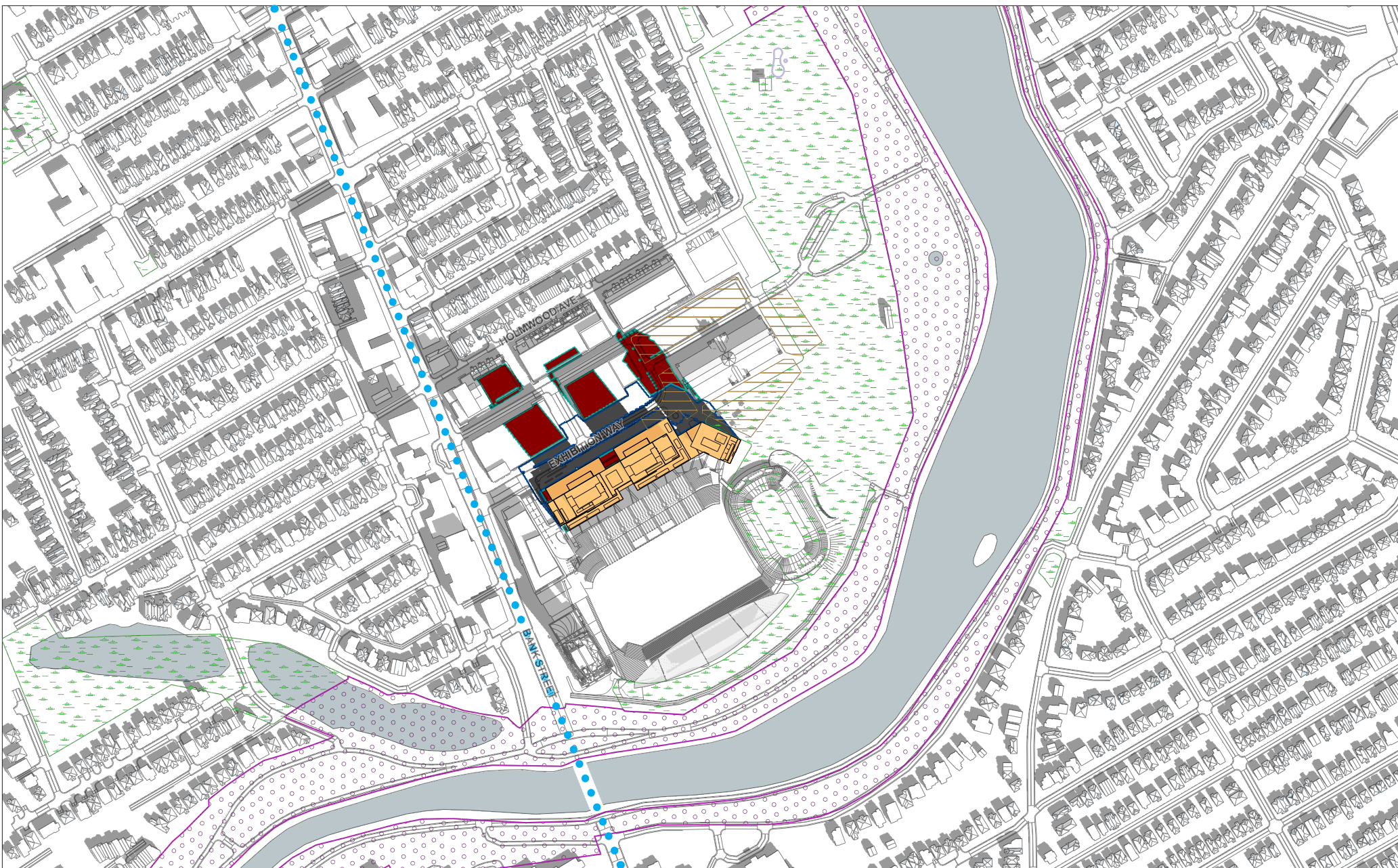
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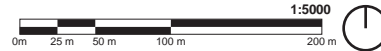
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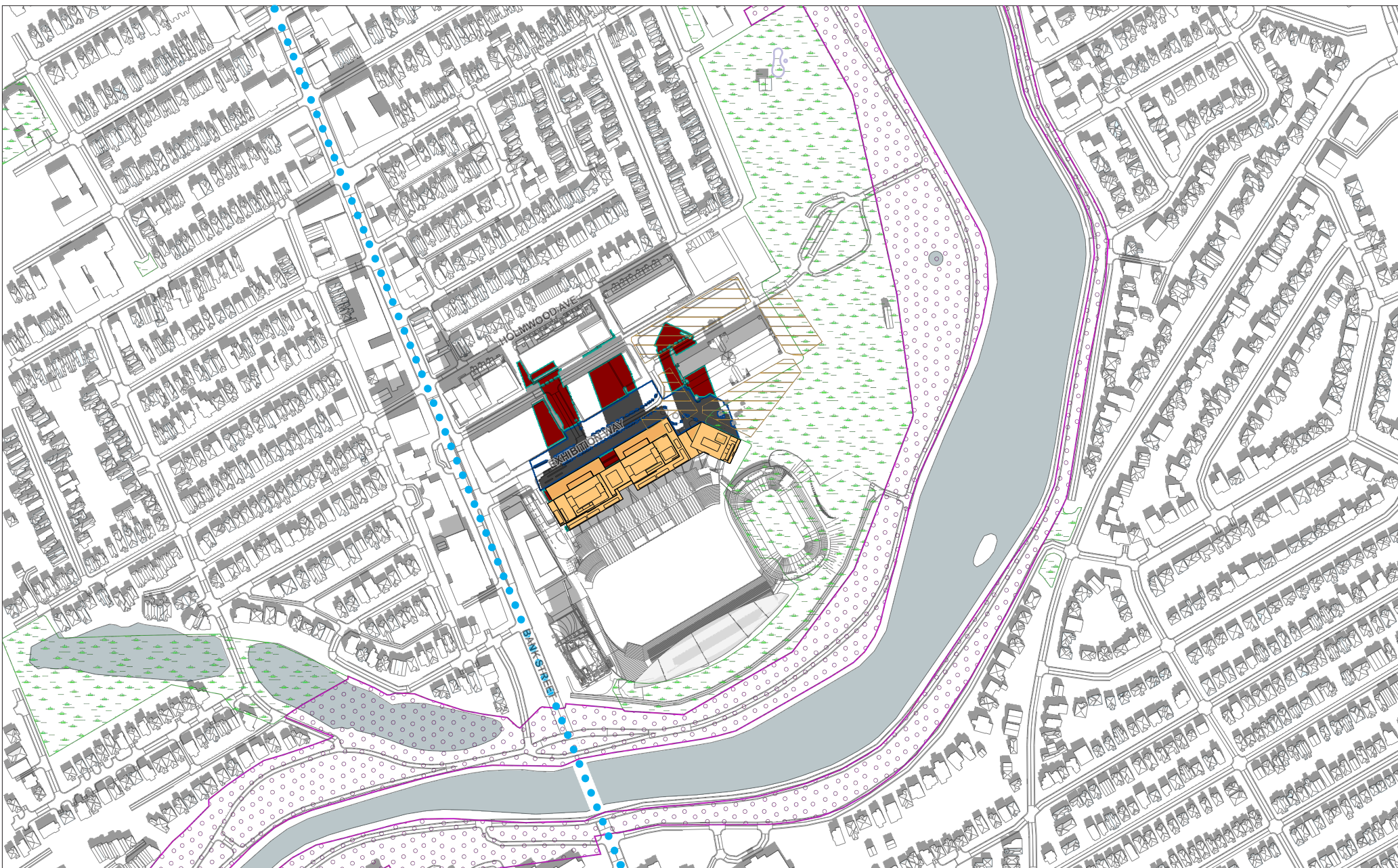
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 Page 23 of 37





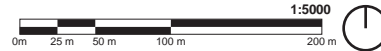
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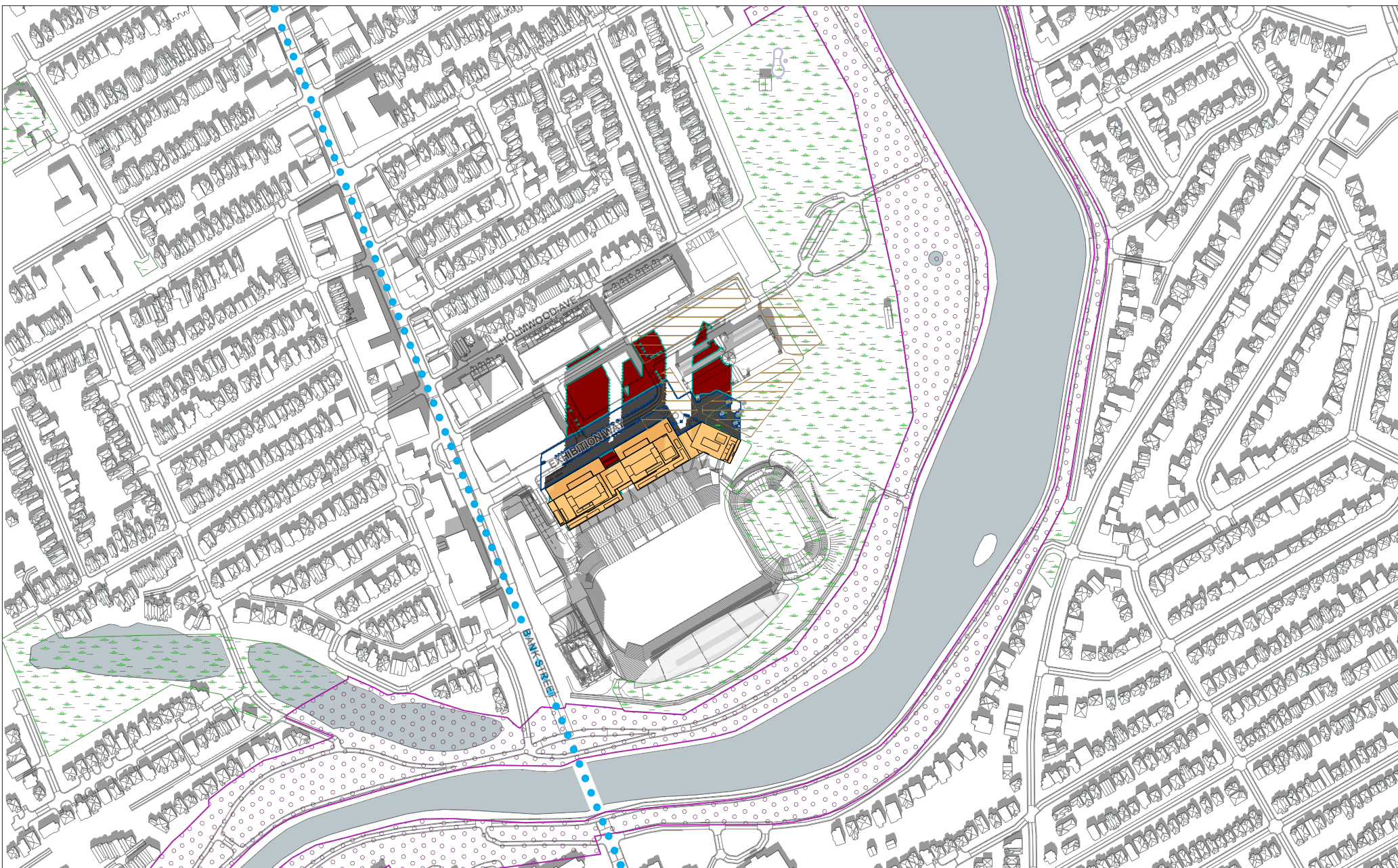
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Figure test time:  
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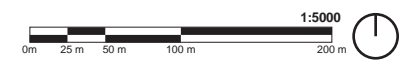
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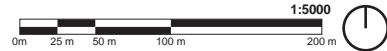
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Figure test time:  
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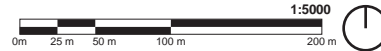
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- Overlap of AOR & New Shadow

**SENSITIVE AREAS:**

- Public Outdoor Pool
- Park Spaces
- Plaza
- Open Spaces
- Traditional / Arterial Mainstreets

New = Concept 2022 (Approved In Principal)  
AOR = As-Of-Right



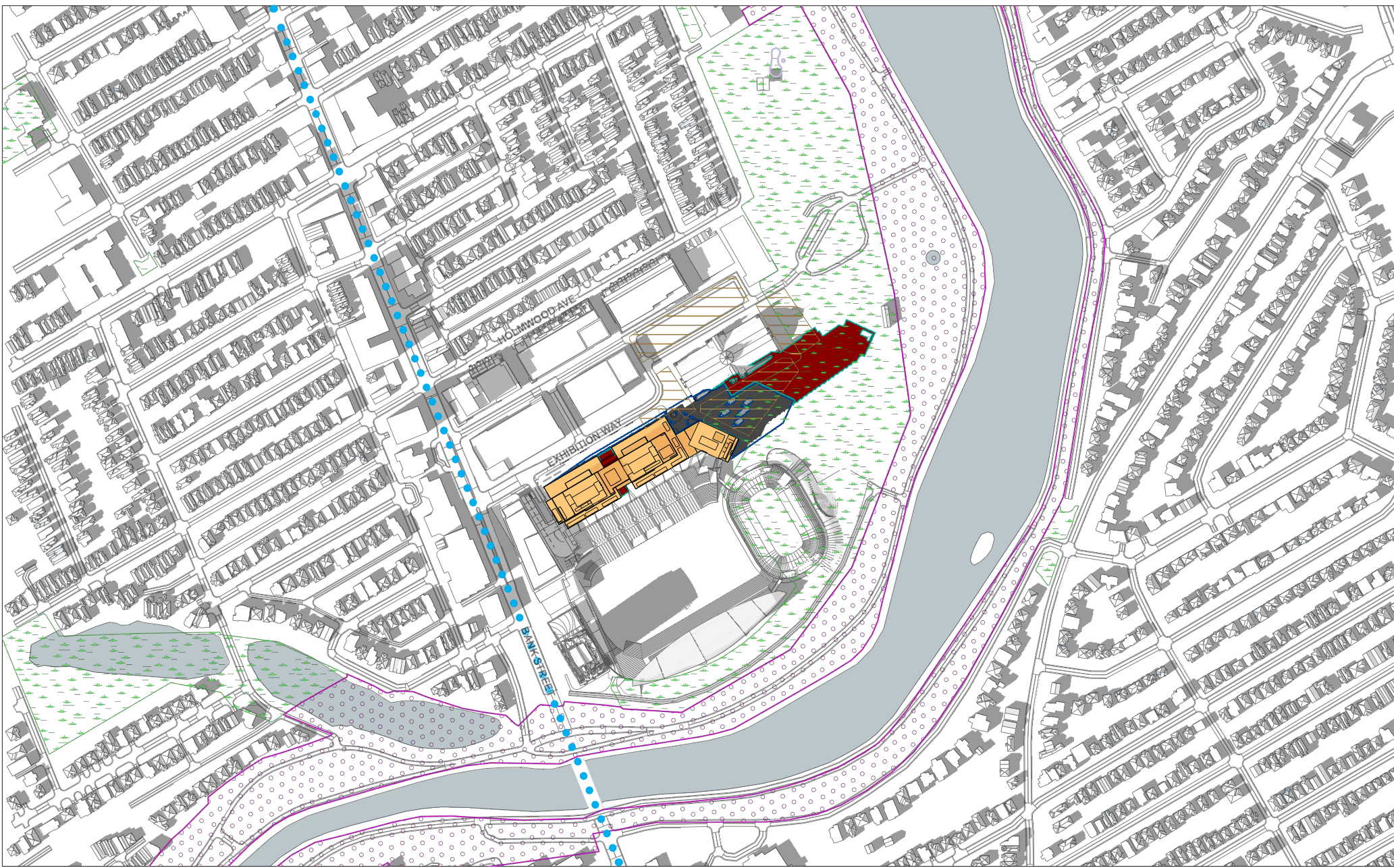
**LANSDOWNE PARK**  
 900 EXHIBITION WAY, OTTAWA, ON  
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture  
 Prepared by: Cristina Hoang  
 Date: July 04, 2023

Application No.: UDRP Presentation  
 Application Type: \_\_\_\_\_  
 Scale: 1:5000

Figure test time:  
**SEPTEMBER 21 3:00pm**  
Eastern Daylight Time (EDT) = Universal Time, 4 hours  
 Page 27 of 37





**LEGEND:**

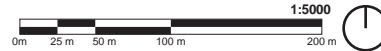
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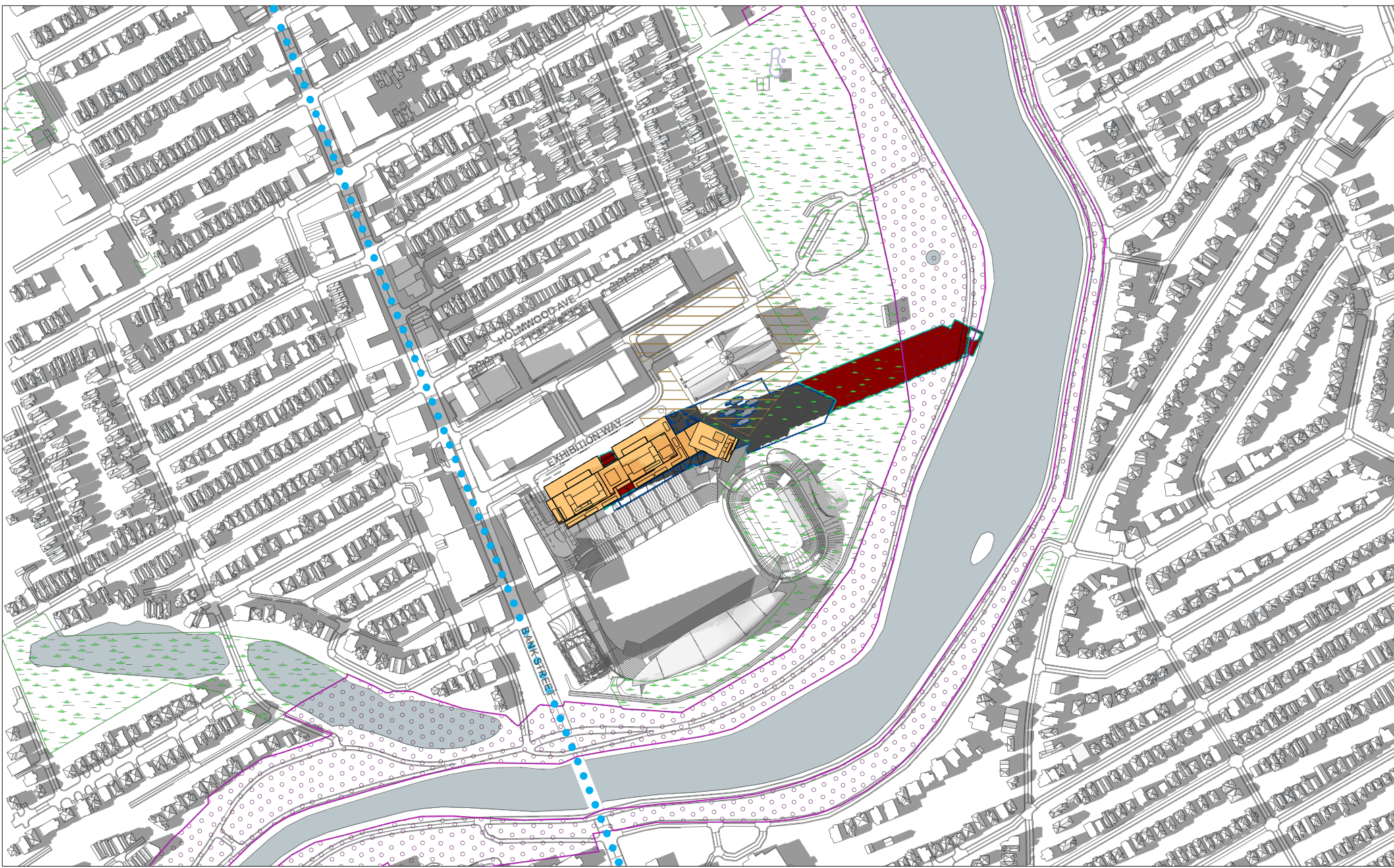
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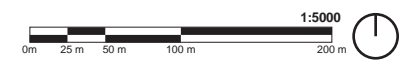
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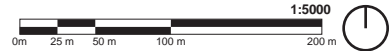
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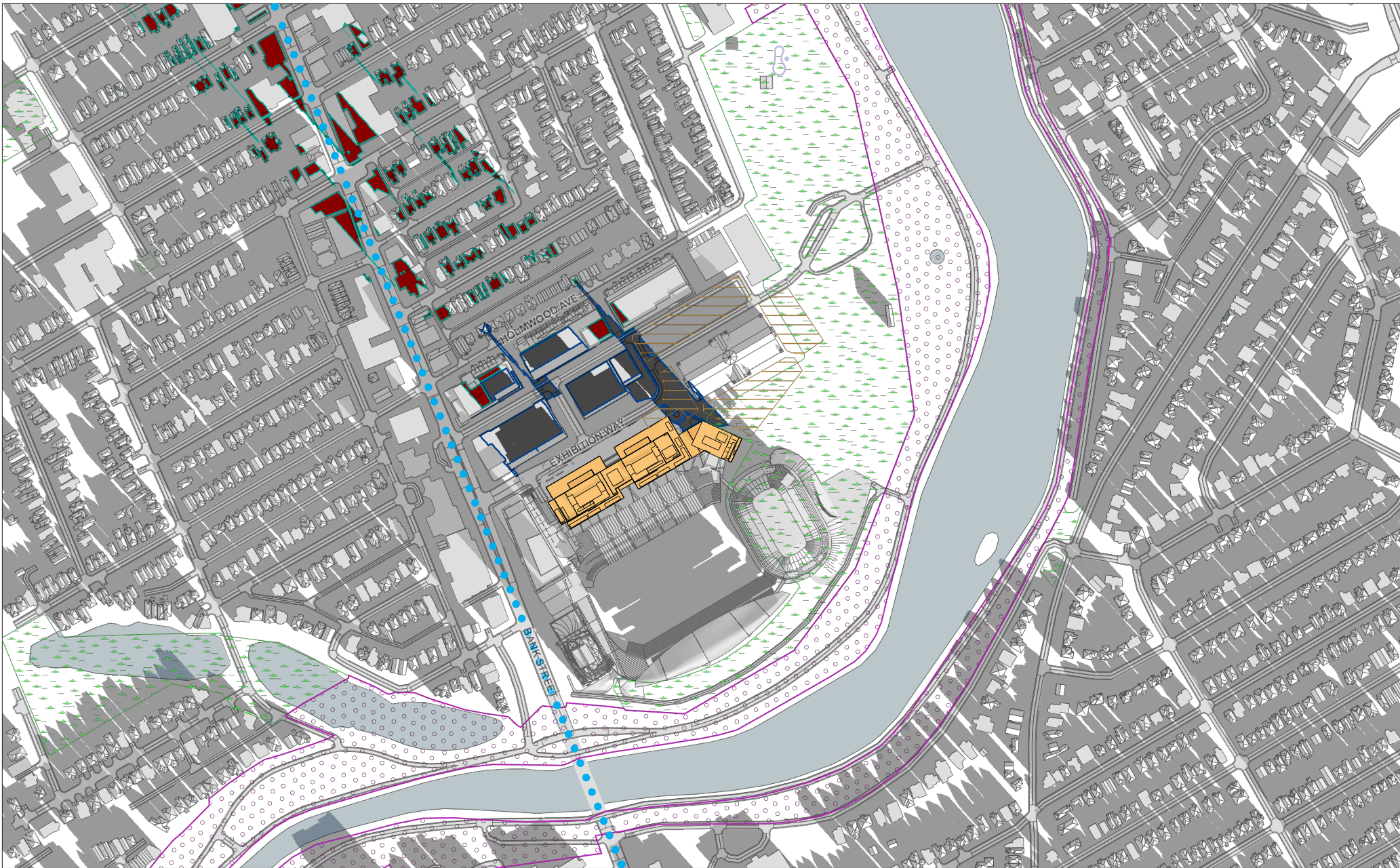
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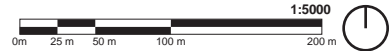
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Figure test time:  
**DECEMBER 21 9:00am**  
Eastern Standard Time (EST) = Universal Time, 5 hours





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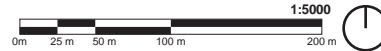
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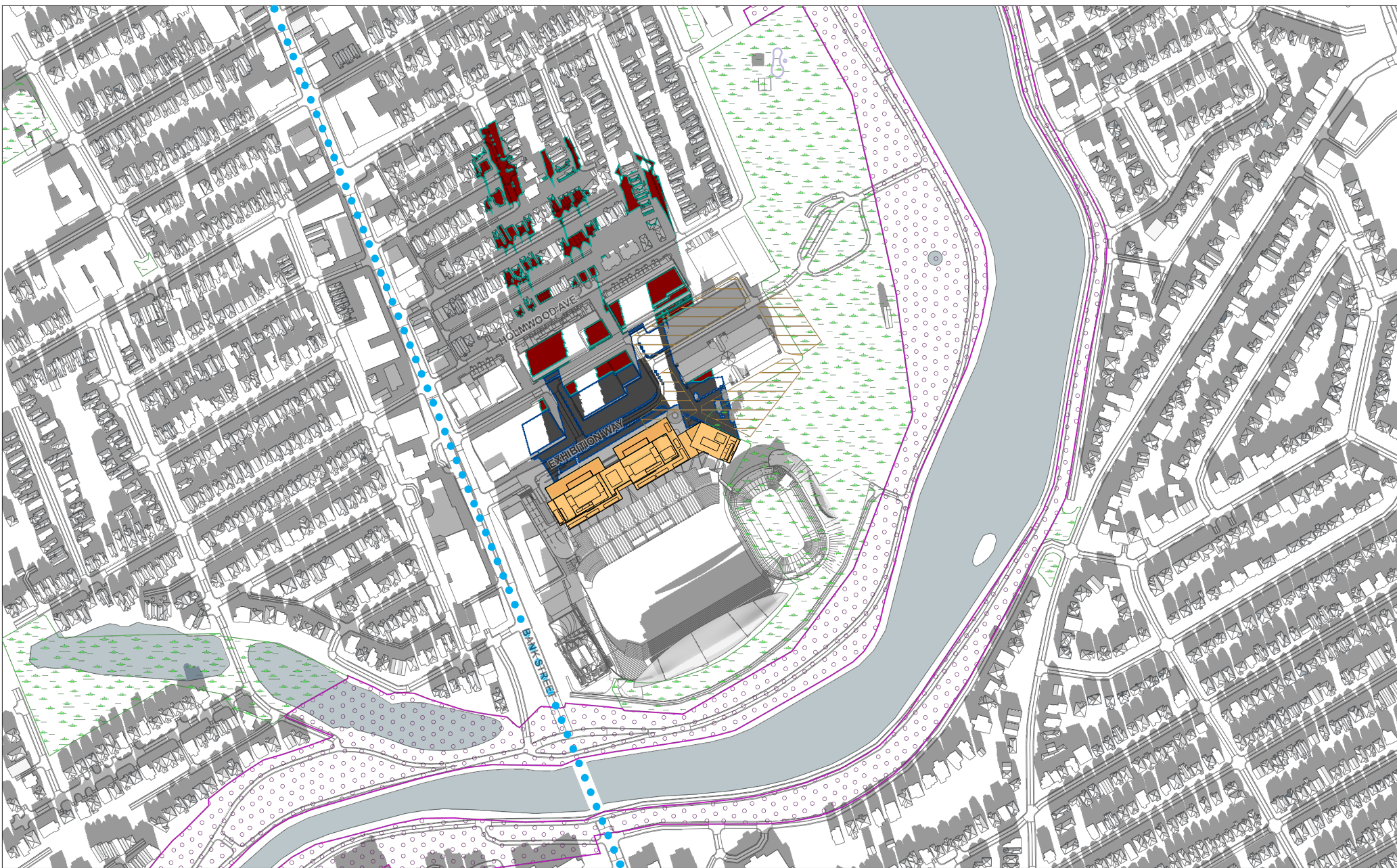
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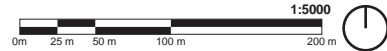
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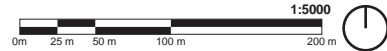
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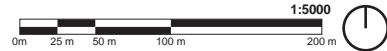
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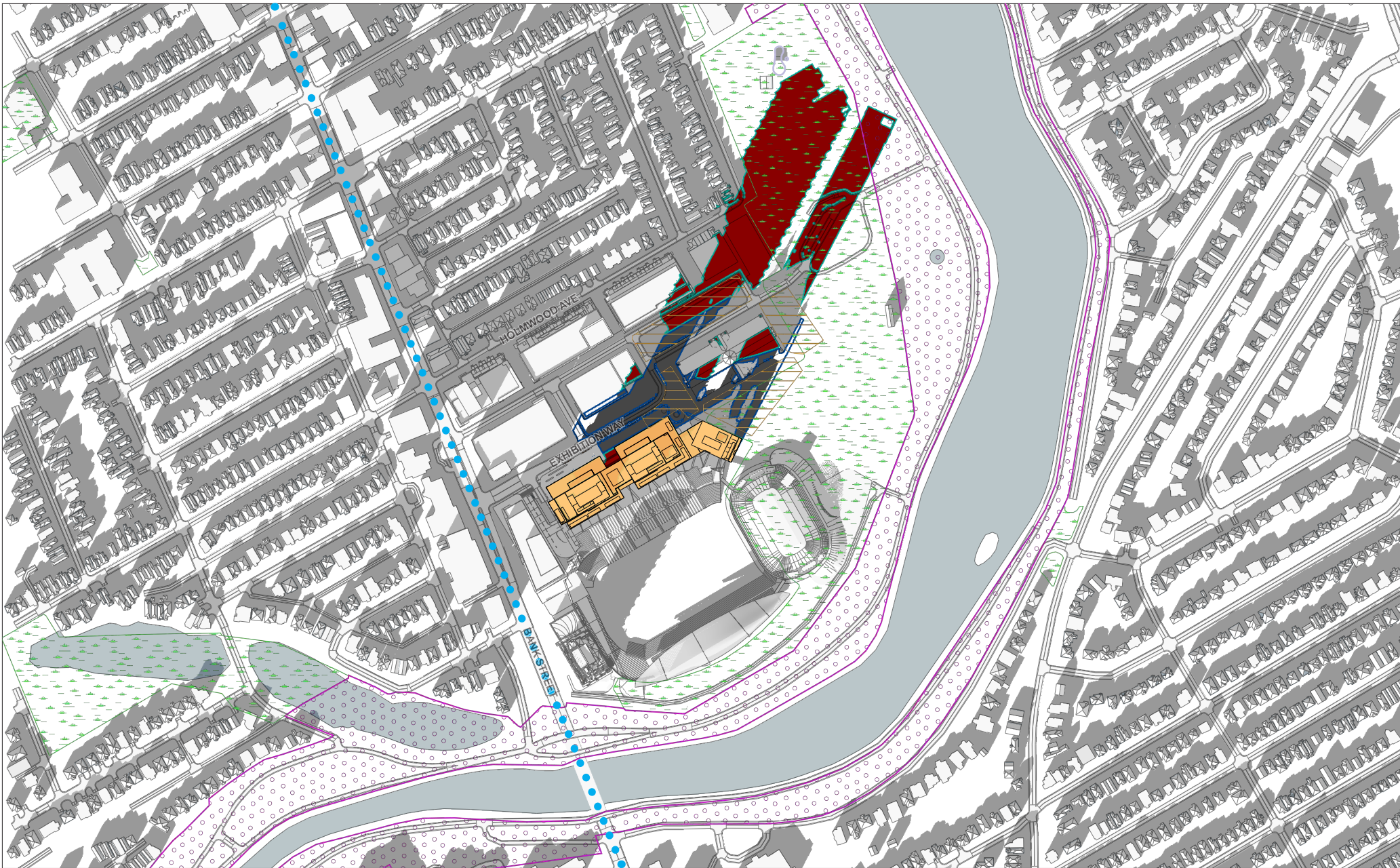
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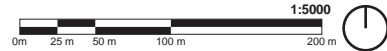
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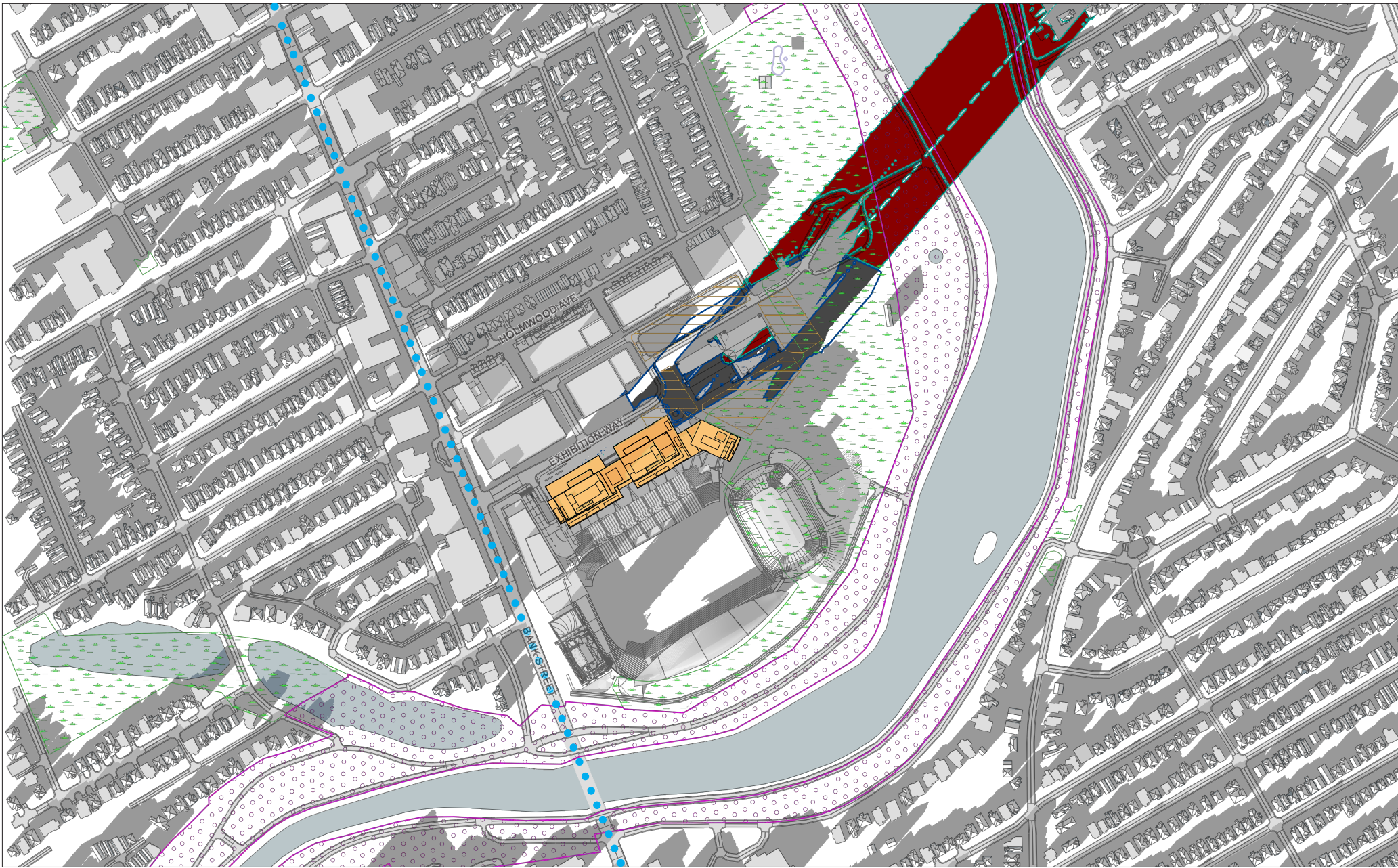
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Figure test time:  
**DECEMBER 21 2:00pm**  
Eastern Standard Time (EST) = Universal Time, 5 hours





**LEGEND:**

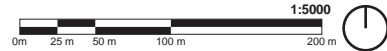
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Figure test time:  
**DECEMBER 21 3:00pm**  
Eastern Standard Time (EST) = Universal Time, 5 hours