

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.

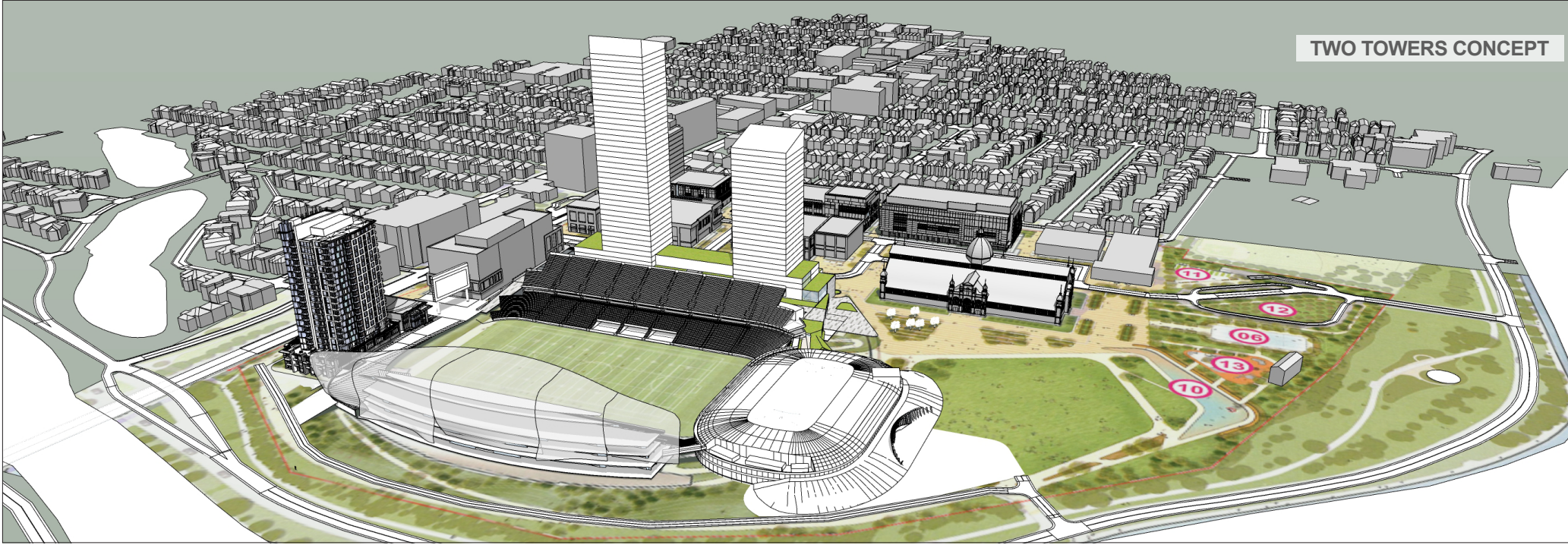
The traditional mainstreet of Bank Street is not impacted by the criteria of a new net shadow in any one spot for more than 3 consecutive hourly test times of the sidewalk on the opposite side of the street, being cast in shadow during the September test date.

Latitude and Longitude of Site:

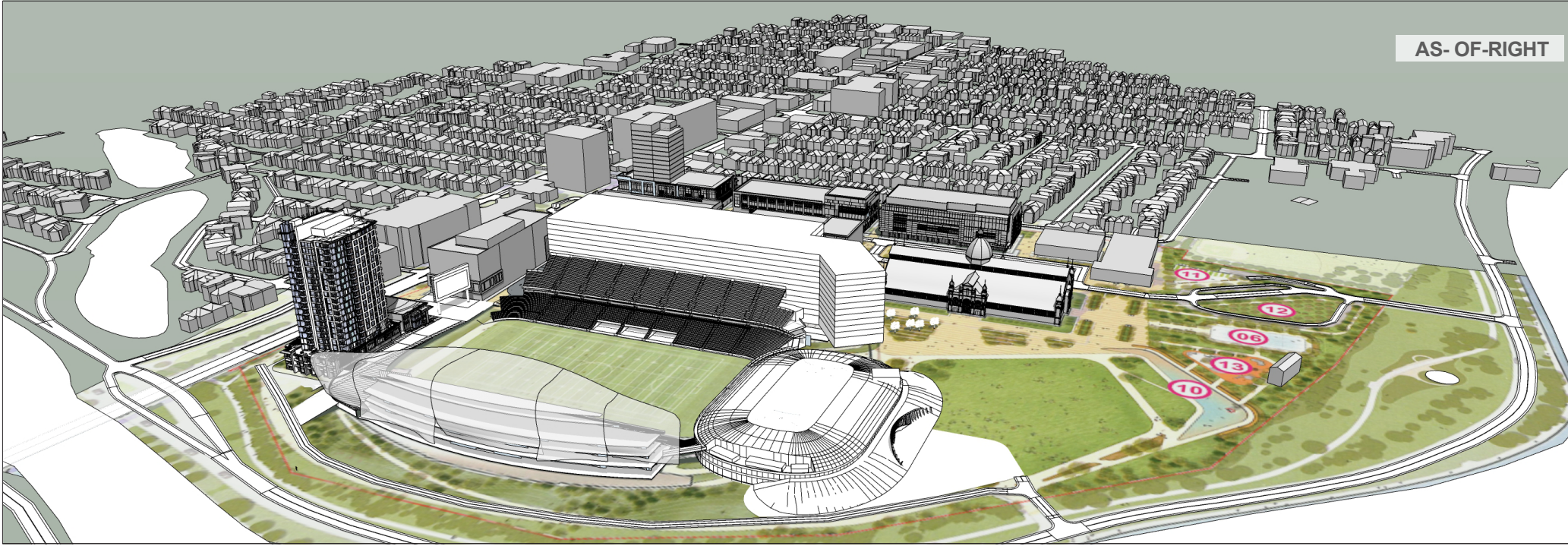
Lat: 45°23'57.1"N

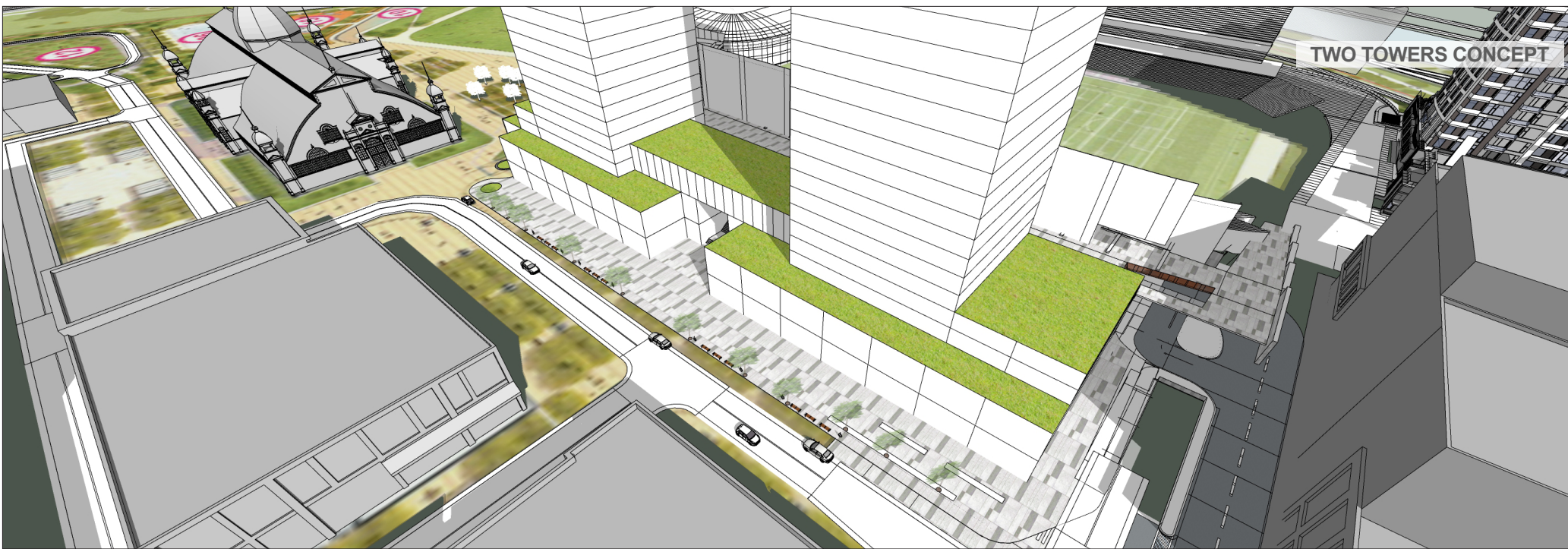
Lng: 75°41'05.1"W

TWO TOWERS CONCEPT

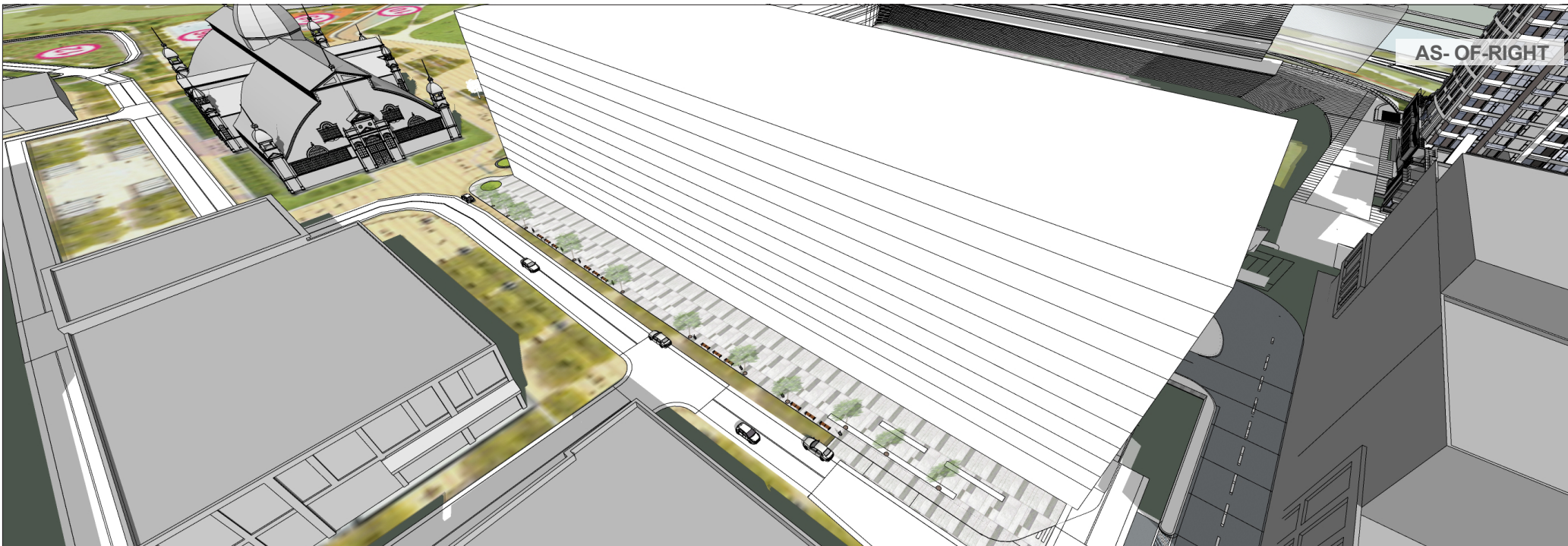


AS-OF-RIGHT



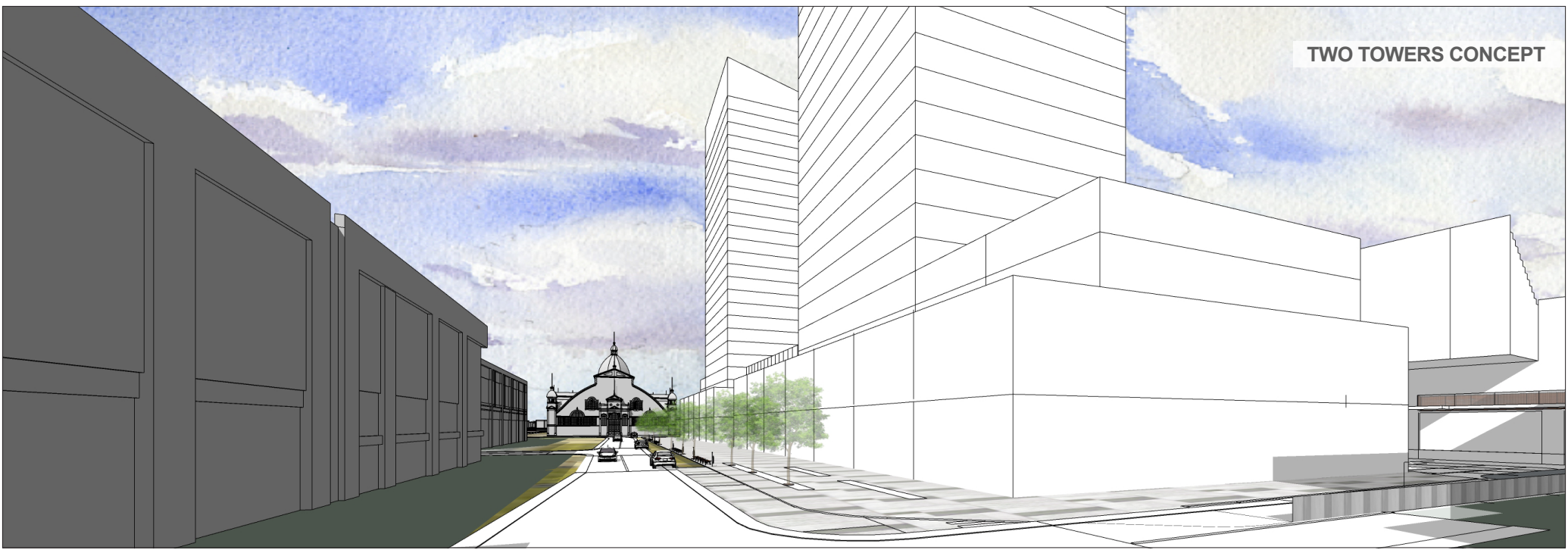


TWO TOWERS CONCEPT

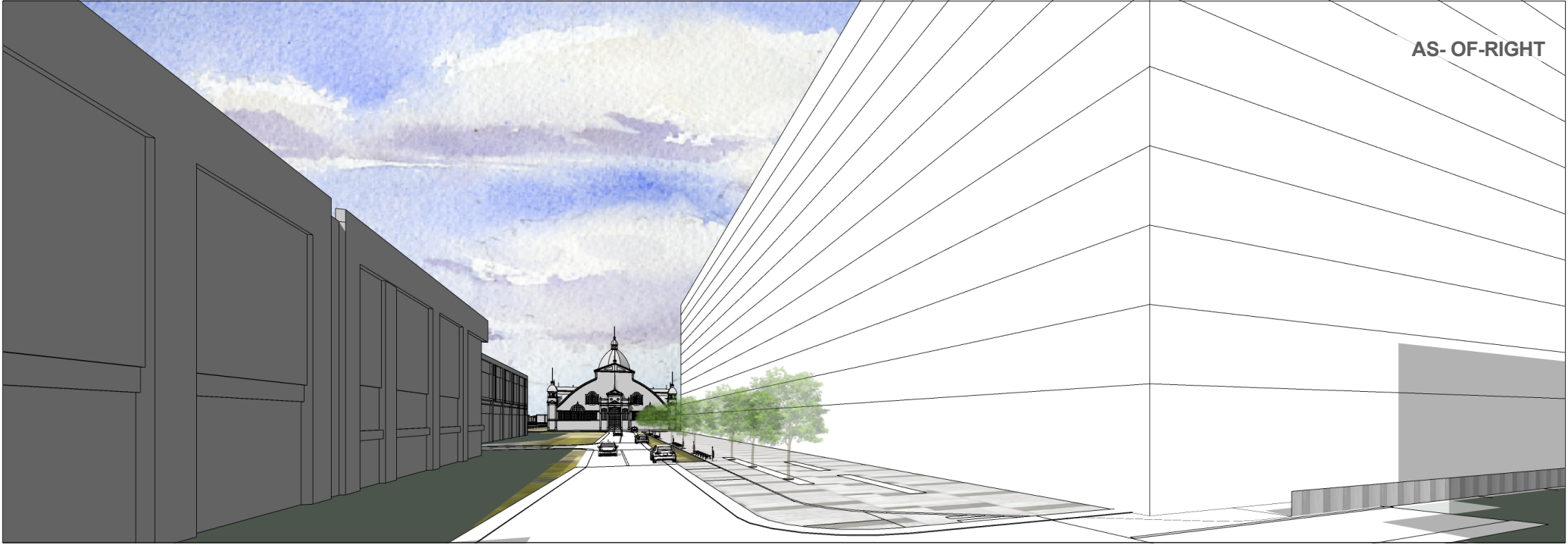


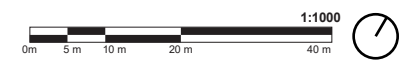
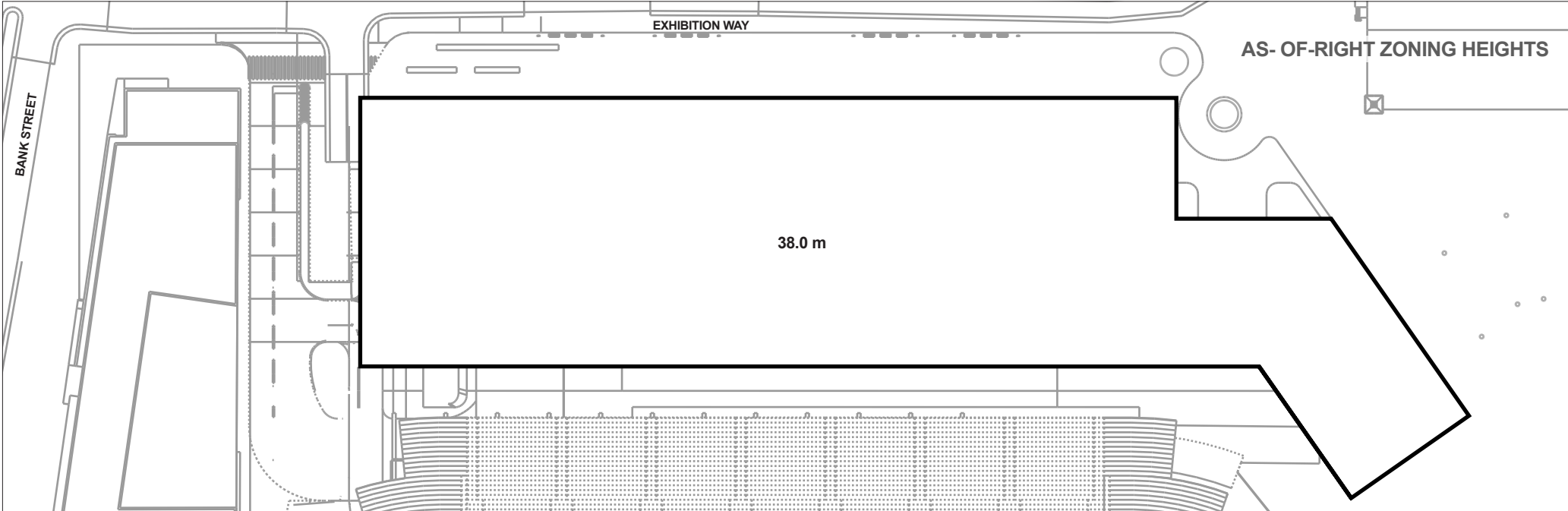
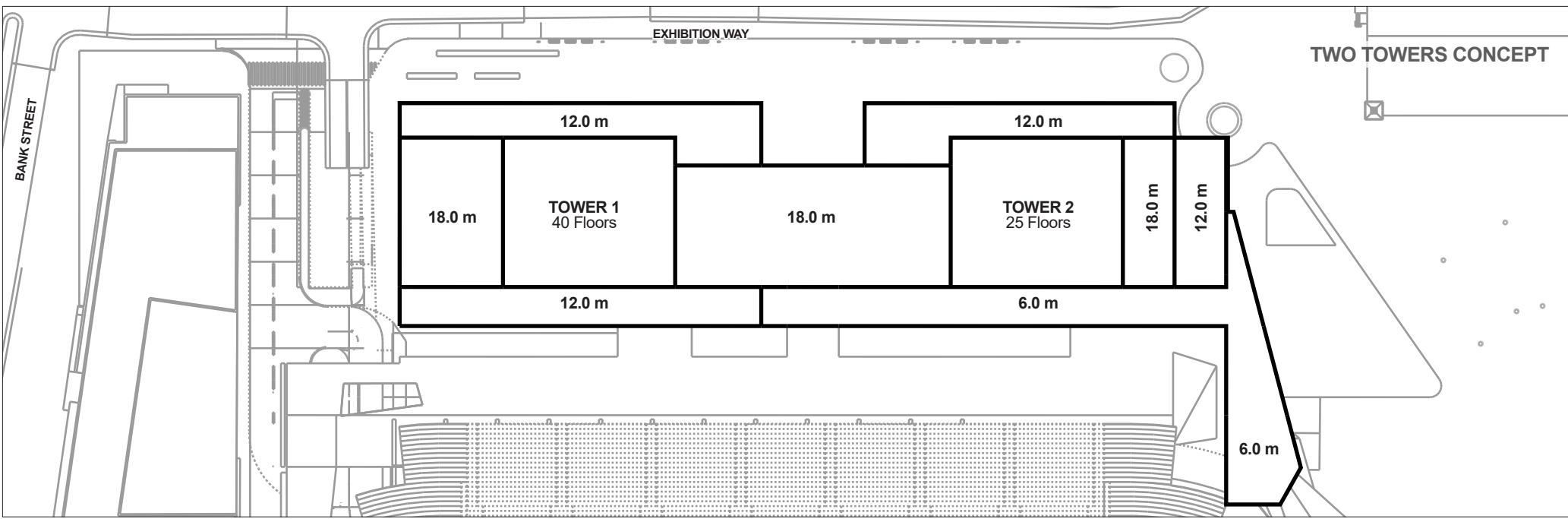
AS-OF-RIGHT

TWO TOWERS CONCEPT



AS-OF-RIGHT

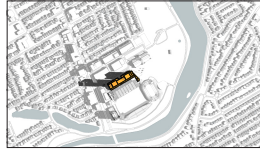




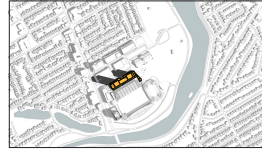
JUNE 21



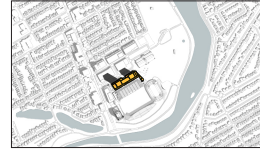
8:00 AM



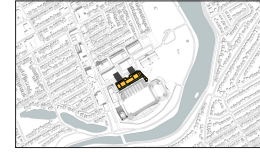
9:00 AM



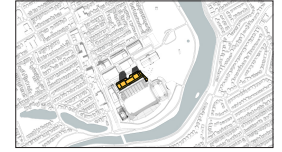
10:00 AM



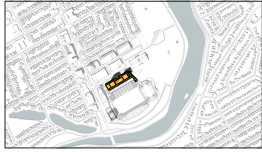
11:00 AM



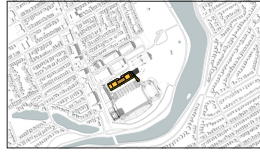
12:00 PM



1:00 PM



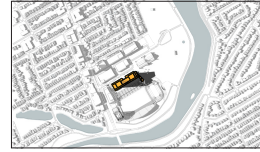
2:00 PM



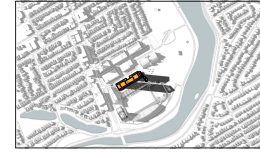
3:00 PM



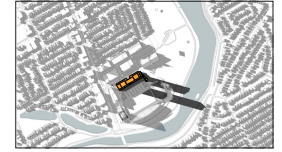
4:00 PM



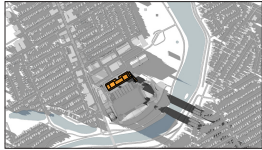
5:00 PM



6:00 PM



7:00 PM

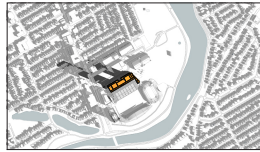


8:00 PM

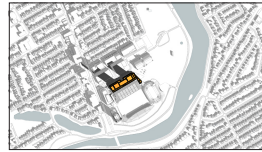
SEPTEMBER 21



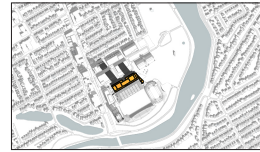
8:00 AM



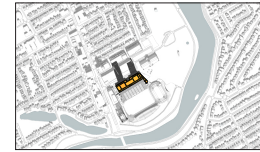
9:00 AM



10:00 AM



11:00 AM



12:00 PM



1:00 PM



2:00 PM



3:00 PM



4:00 PM

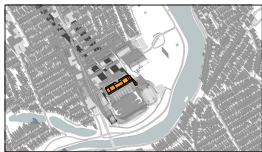


5:00 PM

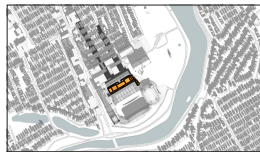


6:00 PM

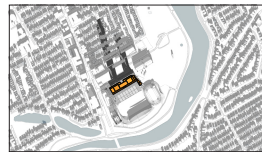
DECEMBER 21



9:00 AM



10:00 AM



11:00 AM



12:00 PM



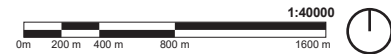
1:00 PM



2:00 PM



3:00 PM



1:40000



LEGEND:

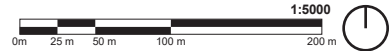
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





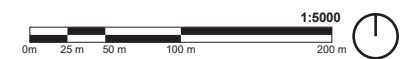
LEGEND:

- 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 = Two Towers Concept
AOR = As-Of-Right





LEGEND:

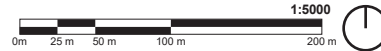
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right

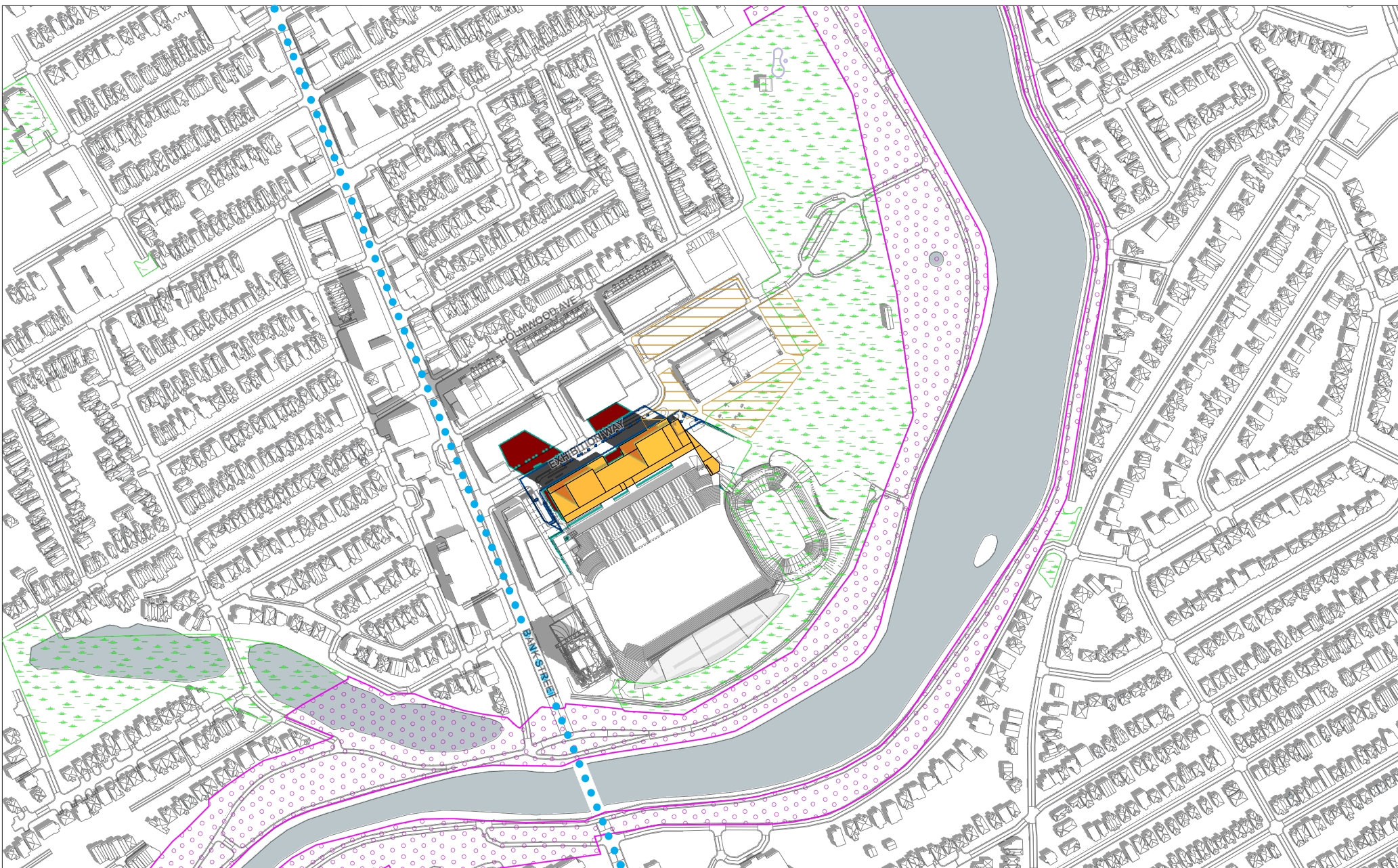


LANSDOWNE PARK
 900 EXHIBITION WAY, OTTAWA, ON
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
JUNE 21 10:00am
 Eastern Daylight Time (EDT) = Universal Time, 4 hours
 Page 9 of 37



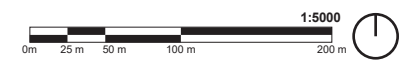
LEGEND:

- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right

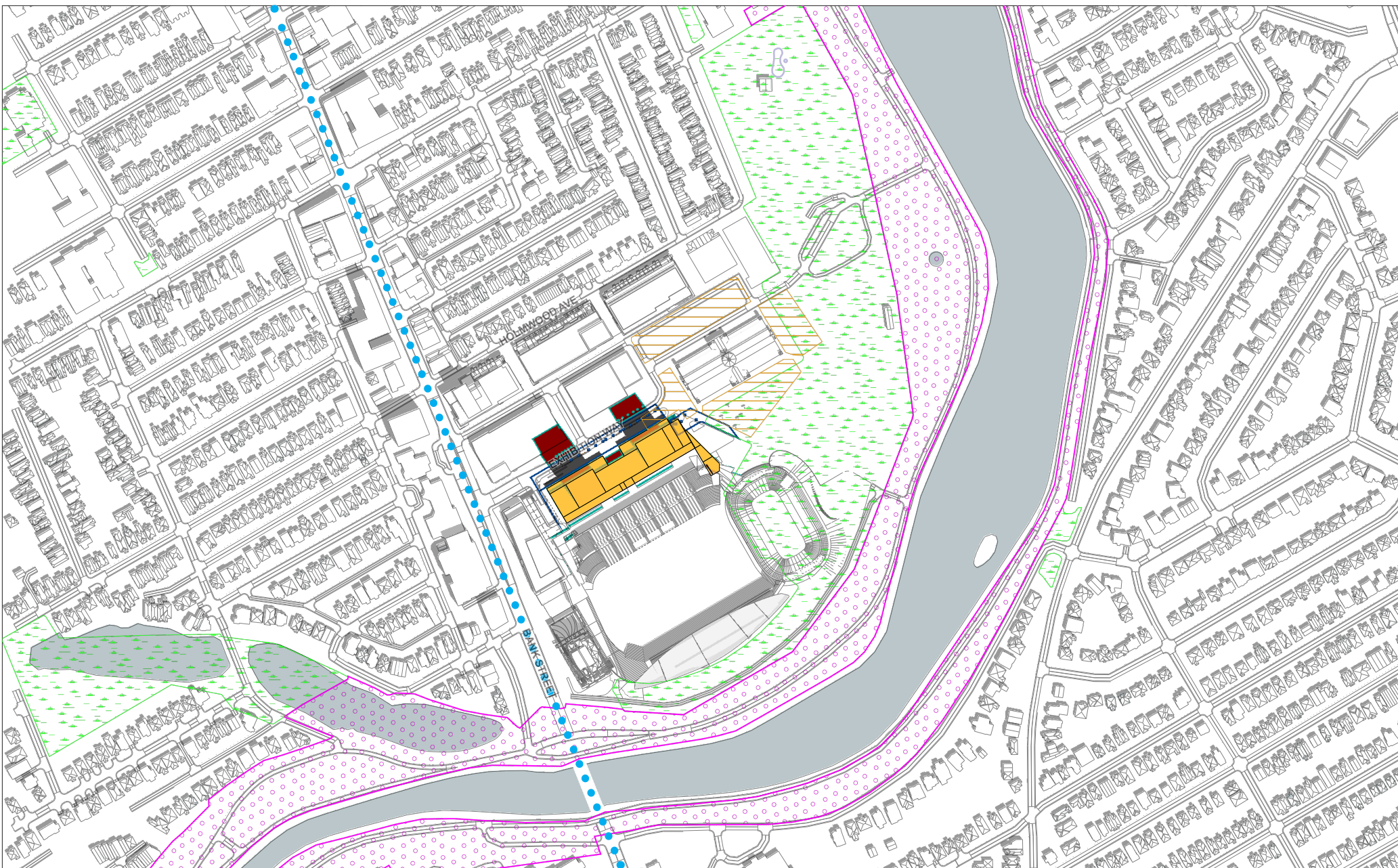


LANSDOWNE PARK
 900 EXHIBITION WAY, OTTAWA, ON
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
JUNE 21 11:00am
 Eastern Daylight Time (EDT) = Universal Time, 4 hours
 Page 10 of 37



LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

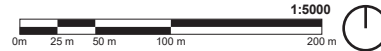
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

- Public Outdoor Pool
- Park Spaces
- Park Spaces
- Open Spaces
- Plaza

●● Traditional / Arterial Mainstreets

New = Two Towers Concept
AOR = As-Of-Right

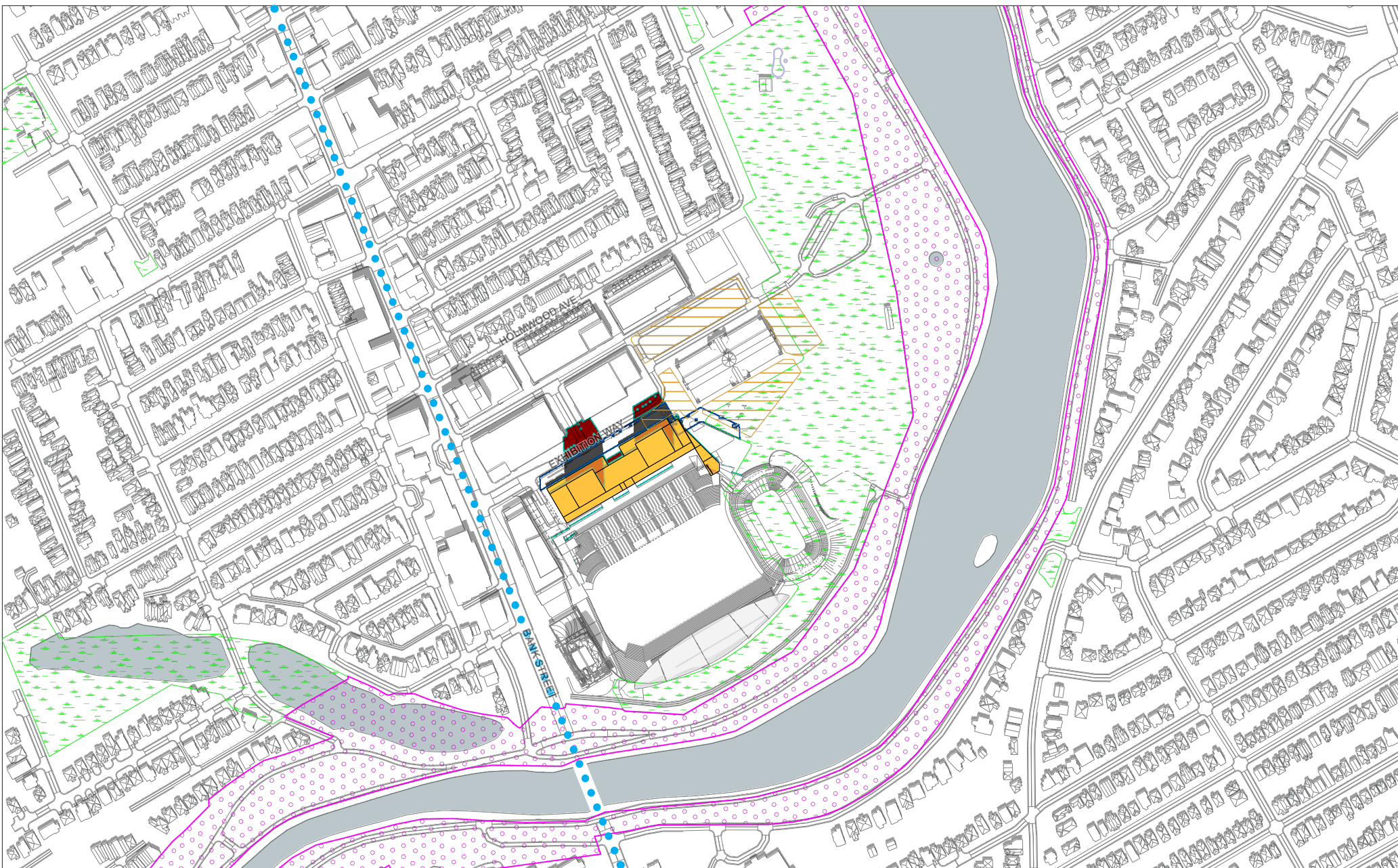


LANSDOWNE PARK
 900 EXHIBITION WAY, OTTAWA, ON
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
JUNE 21 12:00pm
 Eastern Daylight Time (EDT) = Universal Time, 4 hours



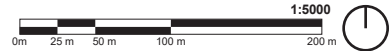
LEGEND:

- 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 = Two Towers Concept
AOR = As-Of-Right

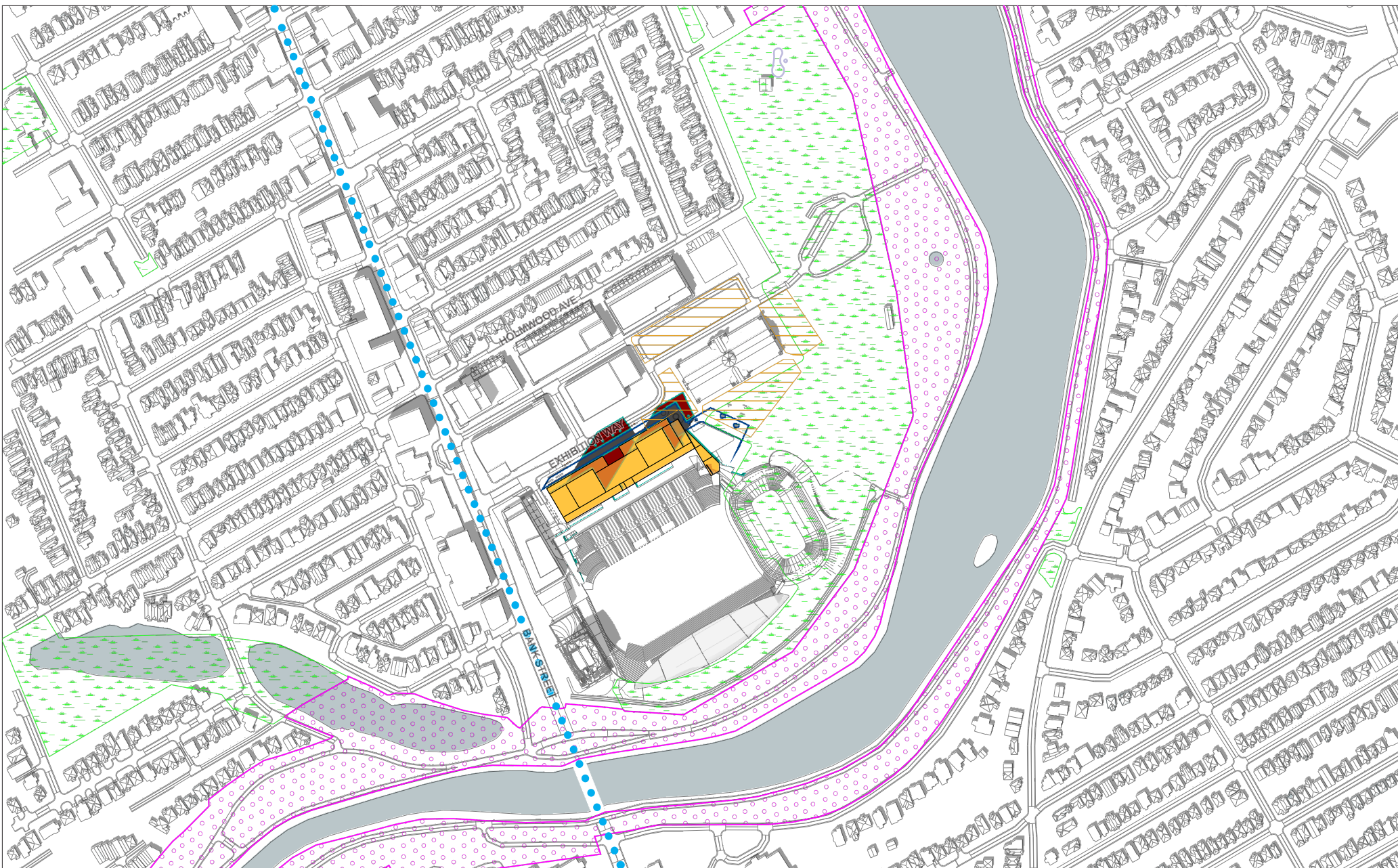


LANSDOWNE PARK
 900 EXHIBITION WAY, OTTAWA, ON
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
JUNE 21 1:00pm
 Eastern Daylight Time (EDT) = Universal Time, 4 hours
 Page 12 of 37



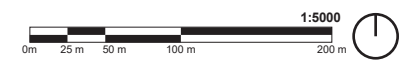
LEGEND:

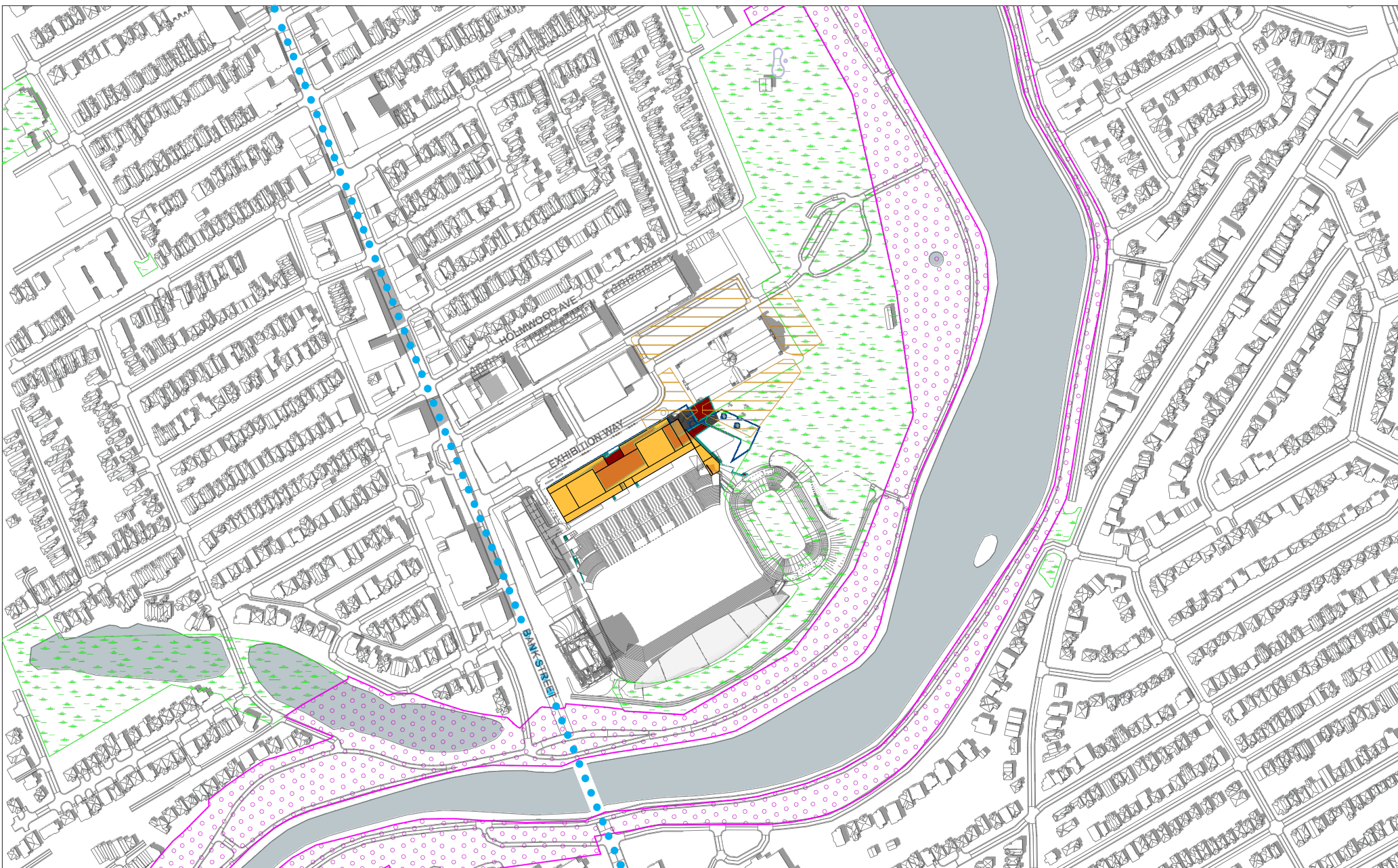
- New Shadow Outline
- AOR Shadow Outline
- New Development
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





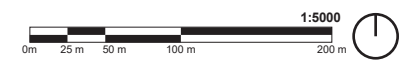
LEGEND:

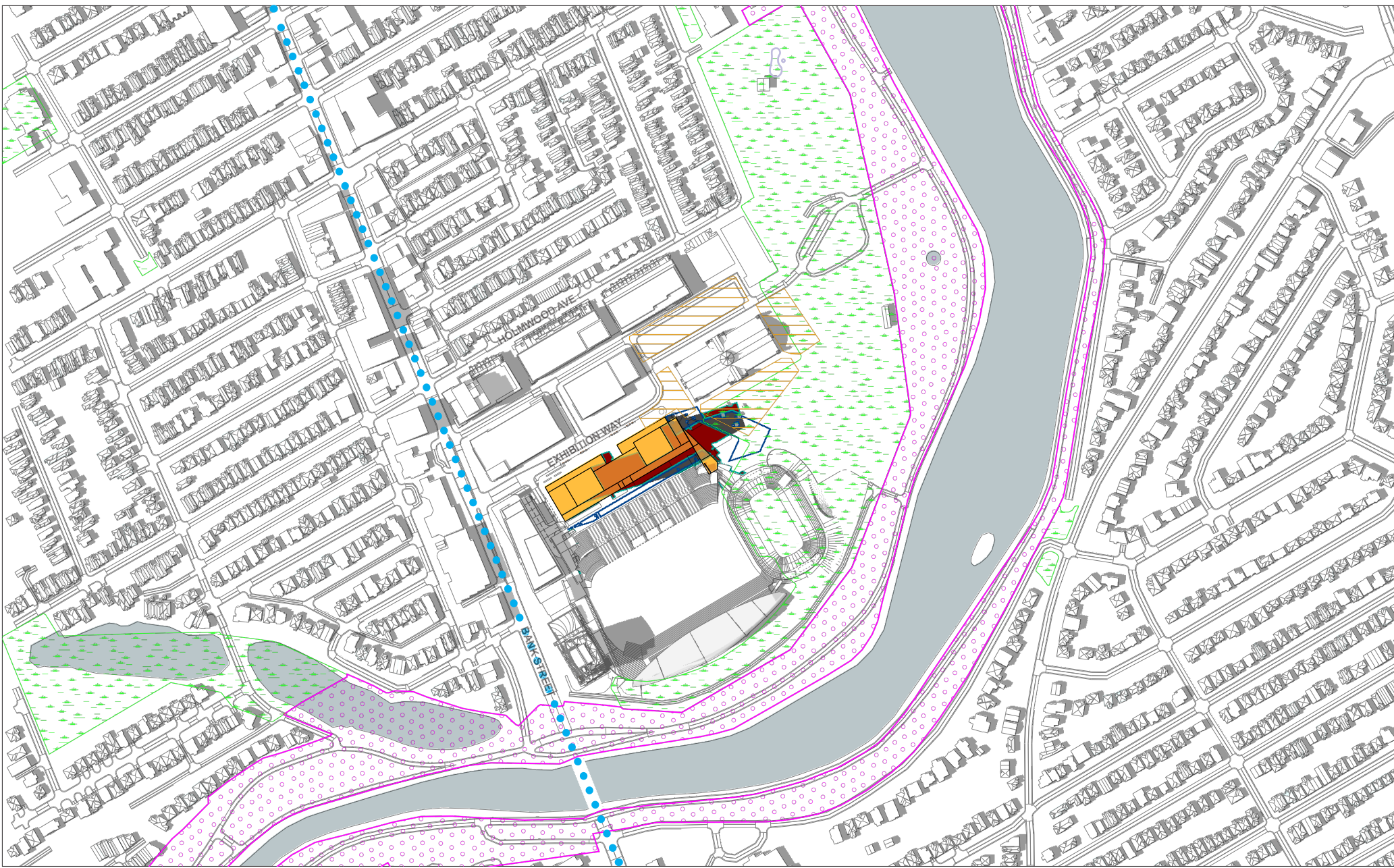
- New Shadow Outline
- AOR Shadow Outline
- New Development
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

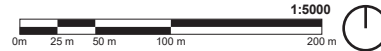
- New Net Shadow
- Overlap of AOR & New Shadow

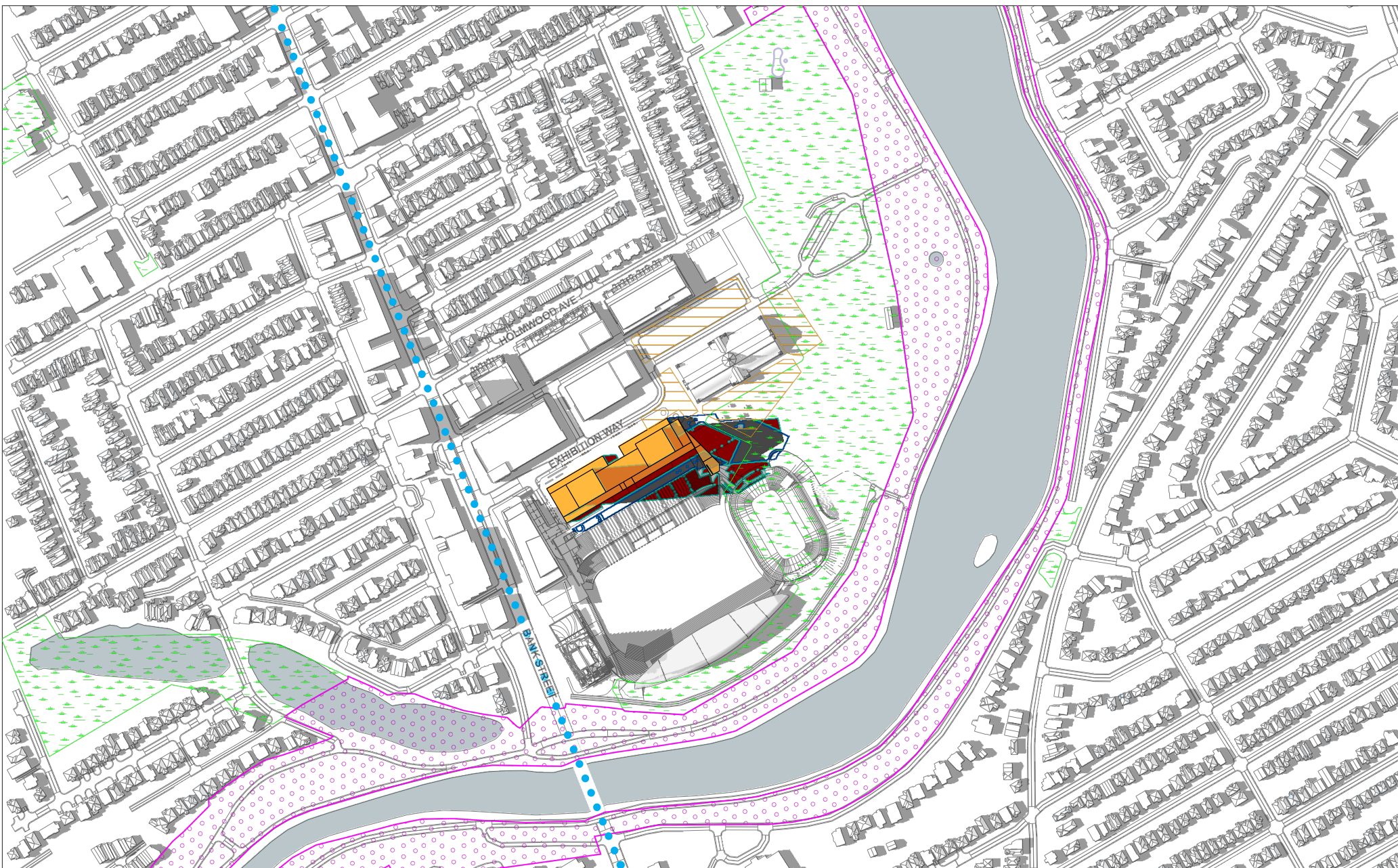
SENSITIVE AREAS:

- Public Outdoor Pool
- Park Spaces
- Park Spaces
- Open Spaces
- Plaza

●● Traditional / Arterial Mainstreets

New = Two Towers Concept
AOR = As-Of-Right





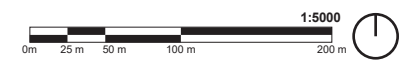
LEGEND:

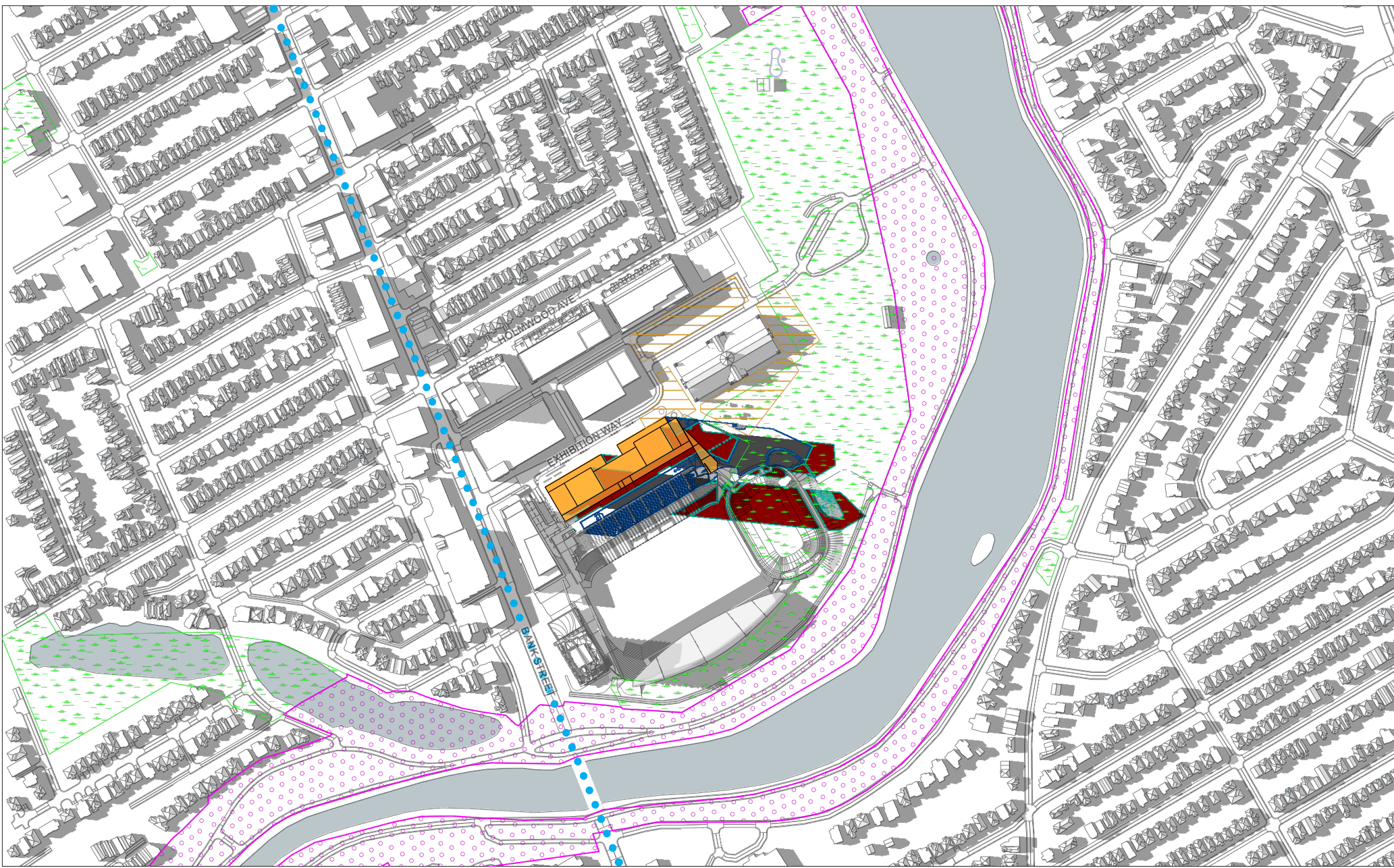
- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





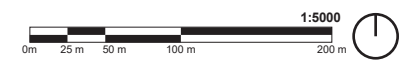
LEGEND:

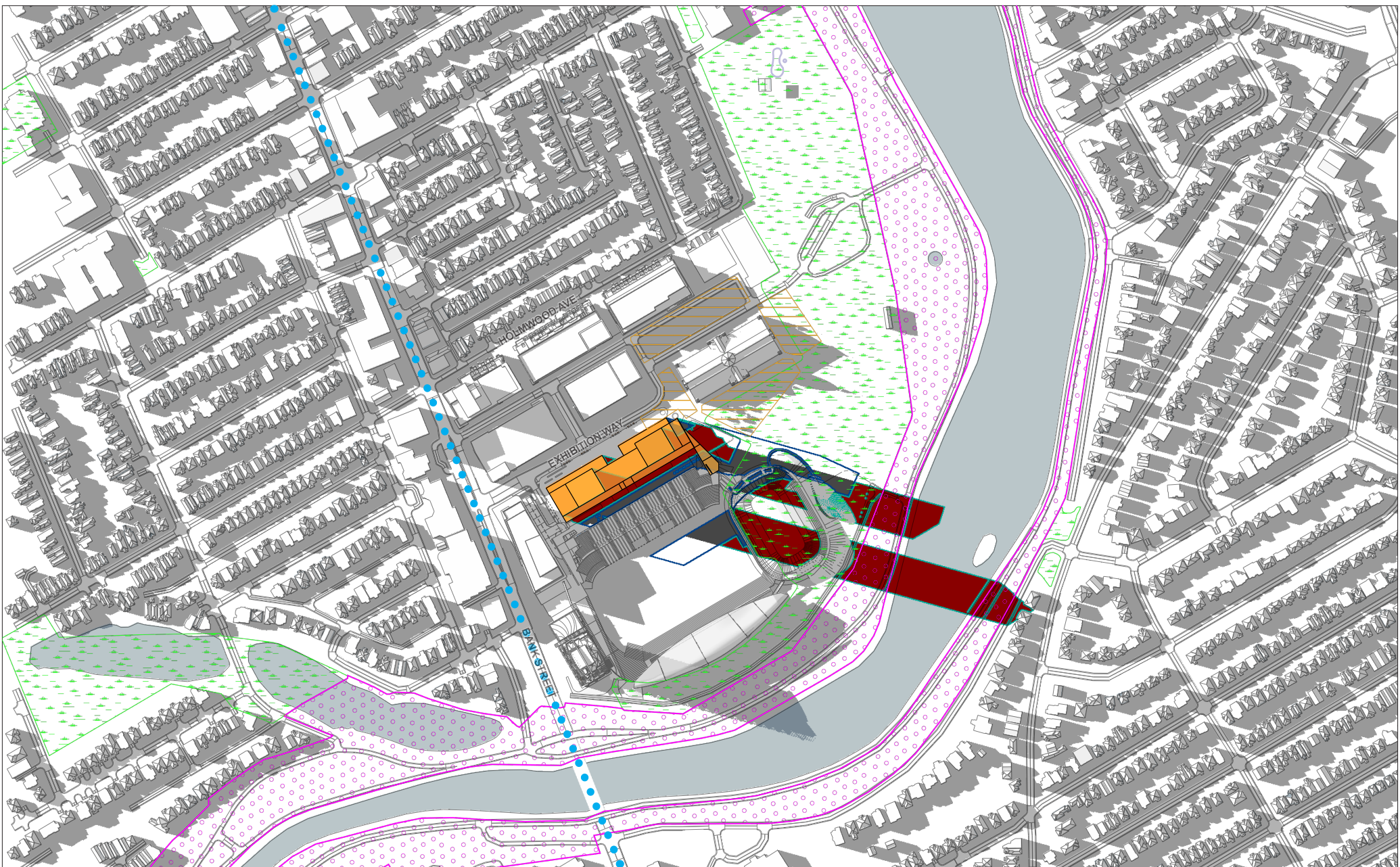
- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





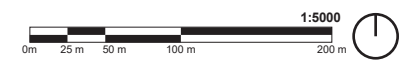
LEGEND:

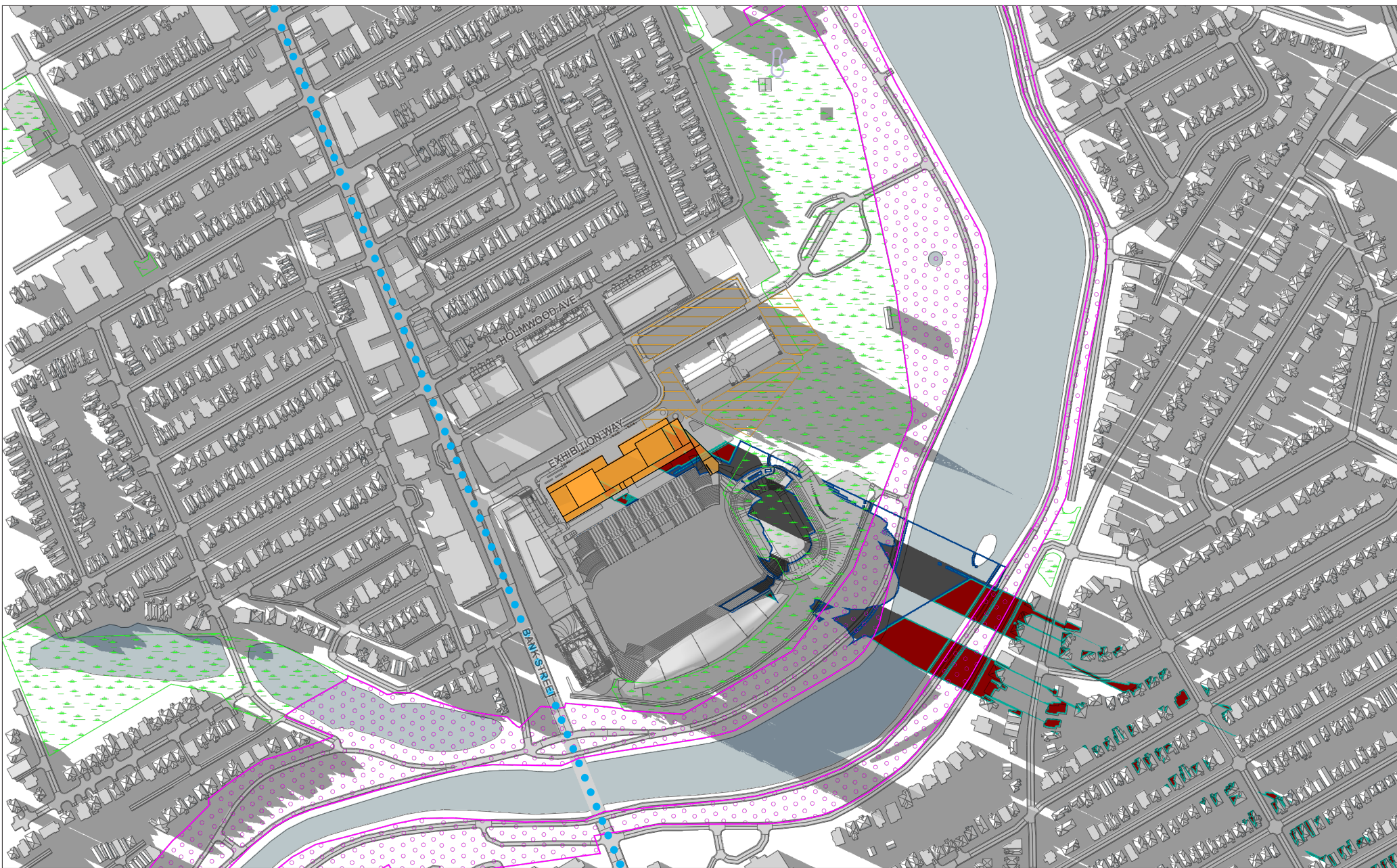
- New Shadow Outline
- AOR Shadow Outline
- New Development
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

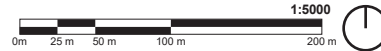
- New Shadow Outline
- AOR Shadow Outline
- New Development

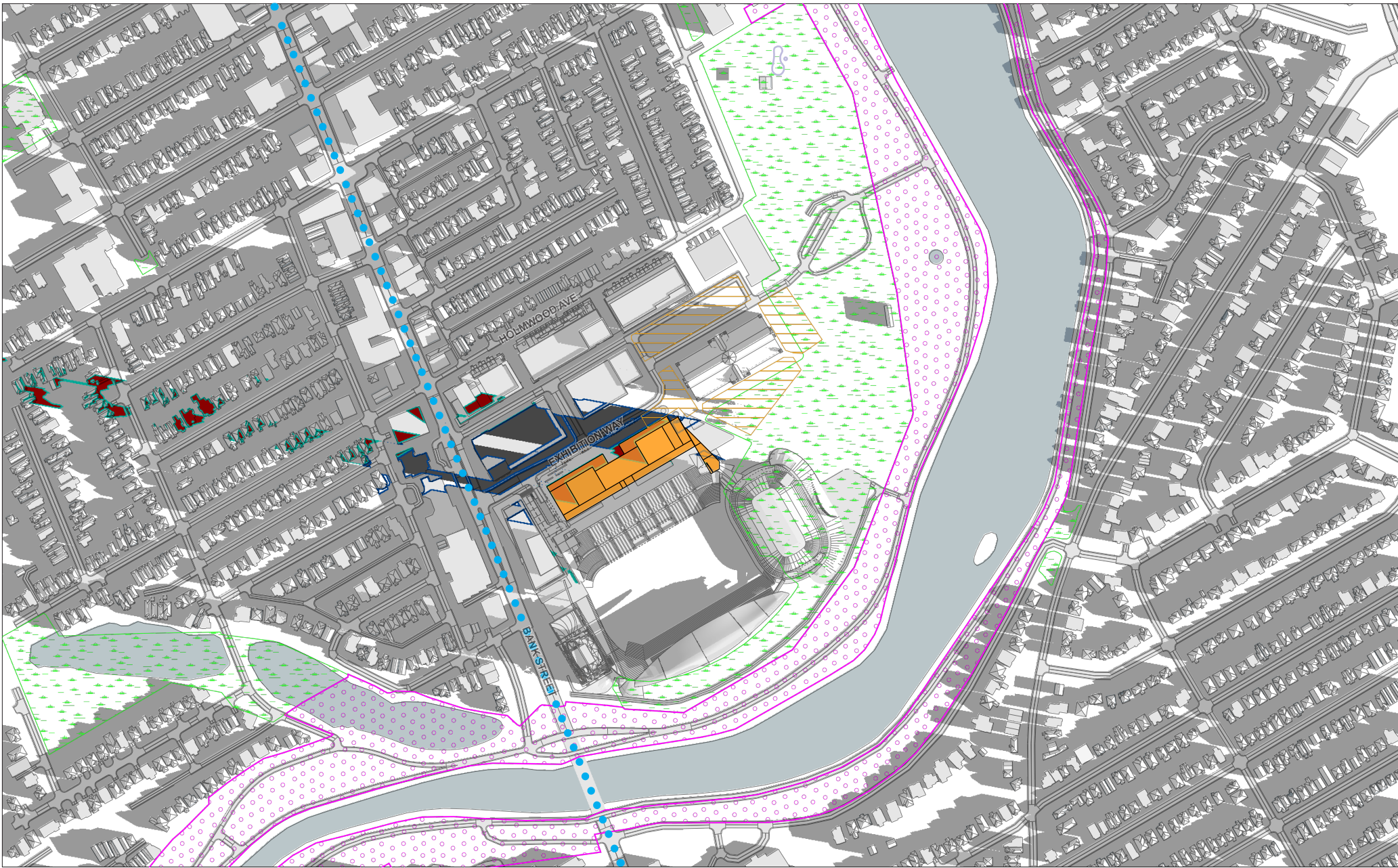
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

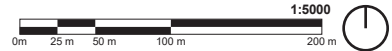
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

- Open Spaces
- Plaza

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

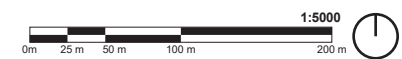
- New Shadow Outline
- AOR Shadow Outline
- New Development

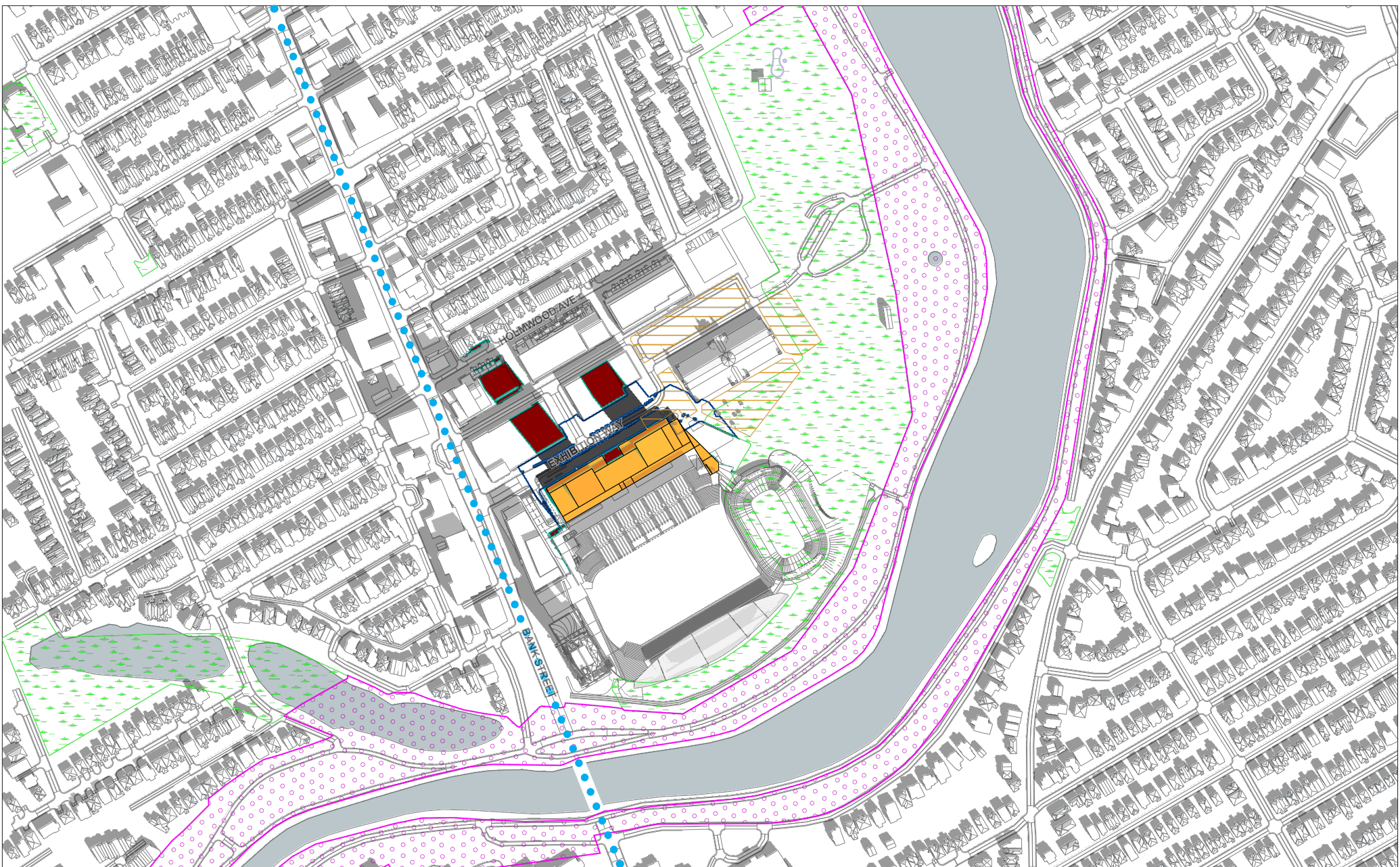
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





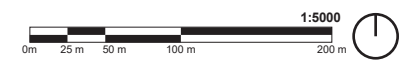
LEGEND:

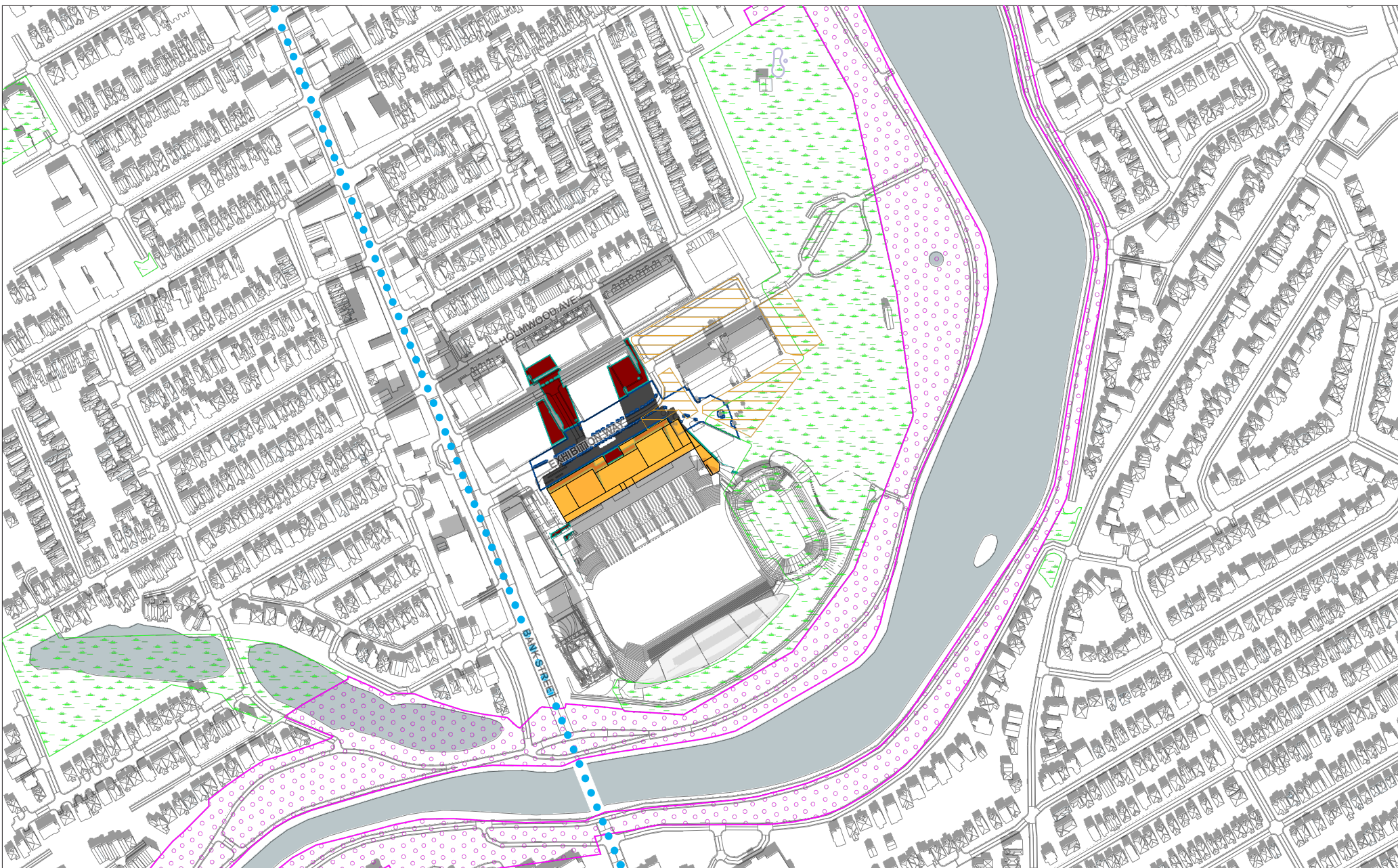
- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





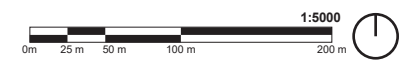
LEGEND:

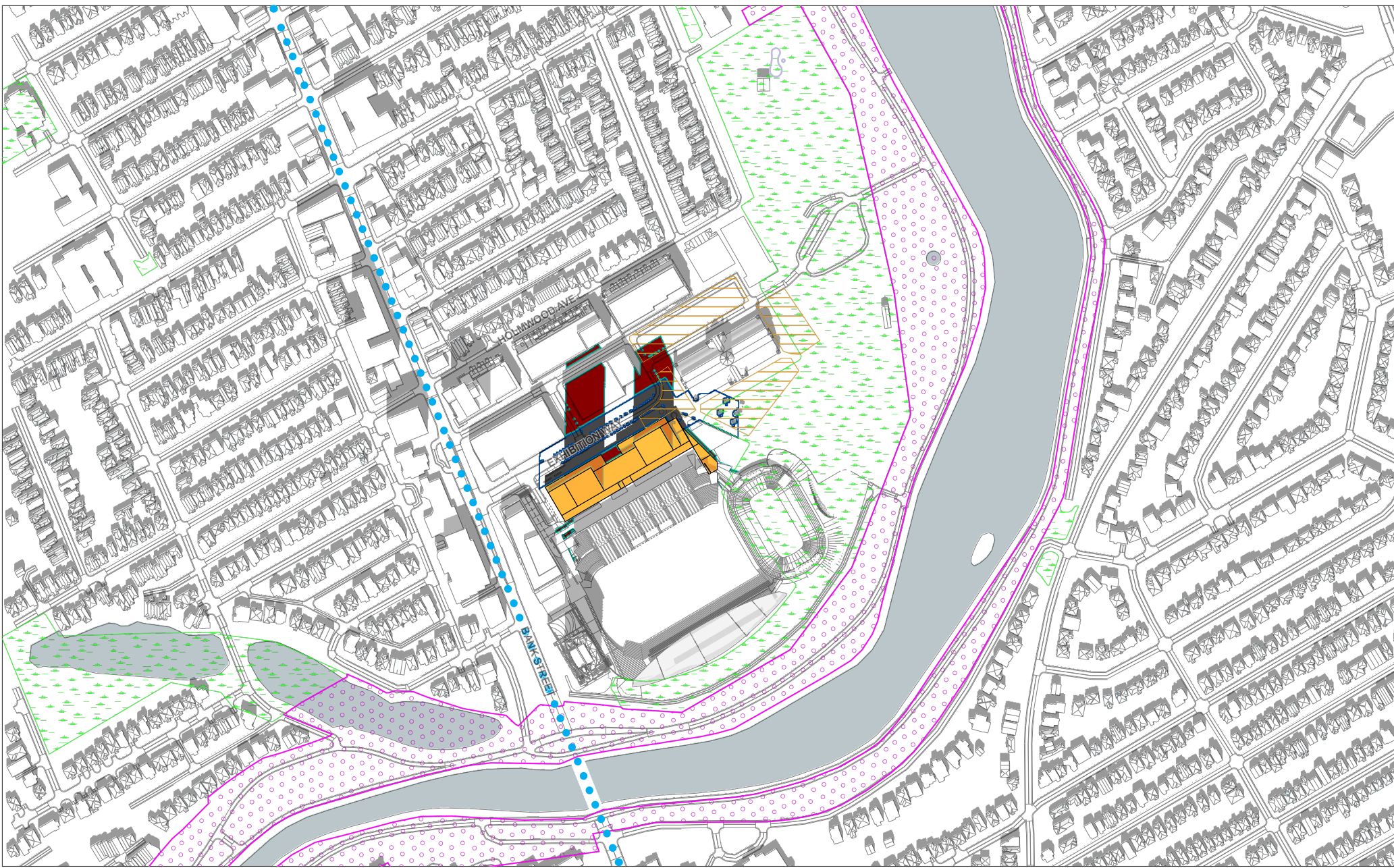
- New Shadow Outline
- AOR Shadow Outline
- New Development
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





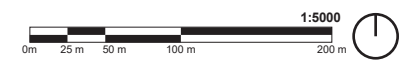
LEGEND:

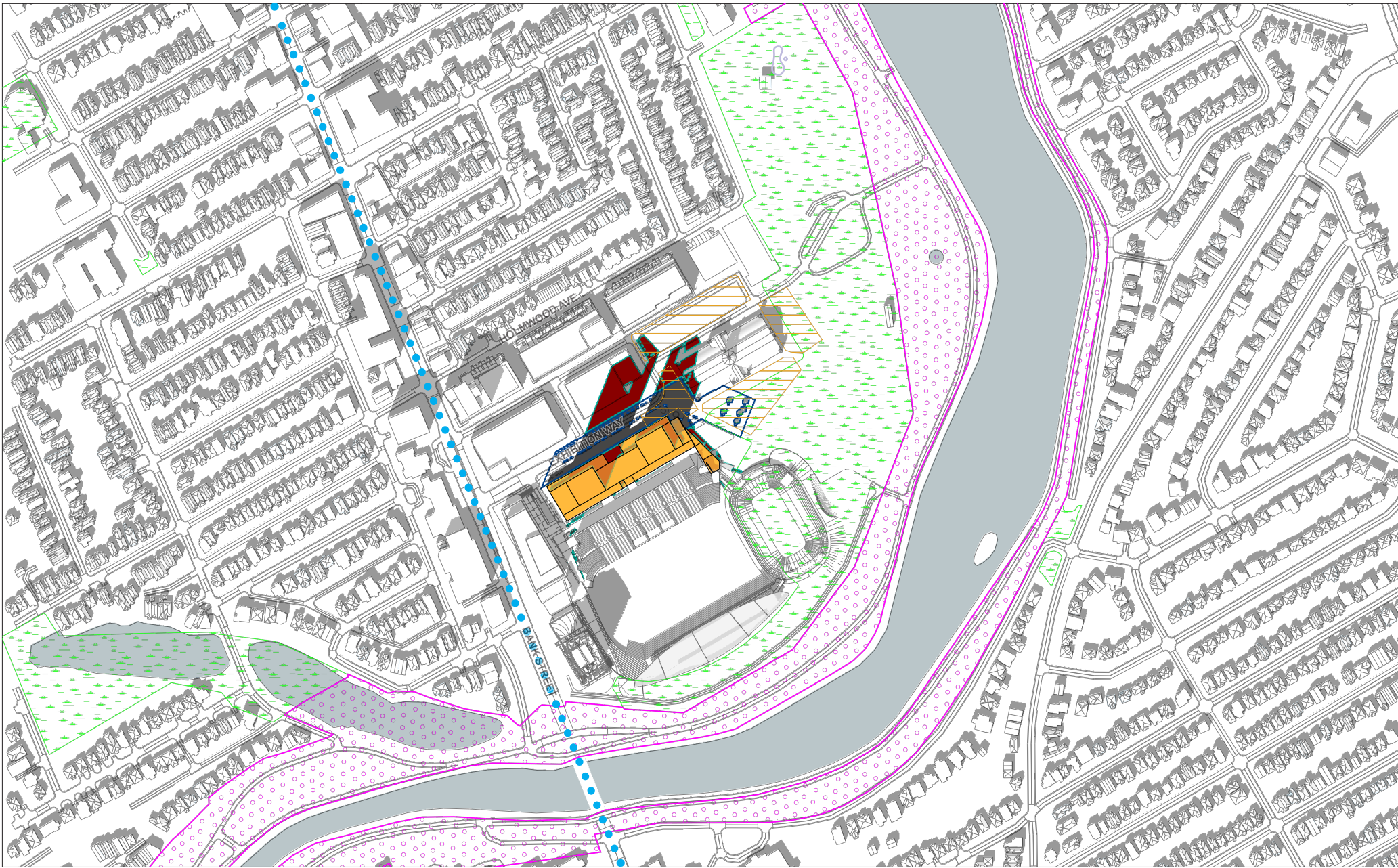
- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





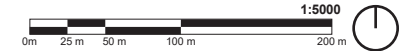
LEGEND:

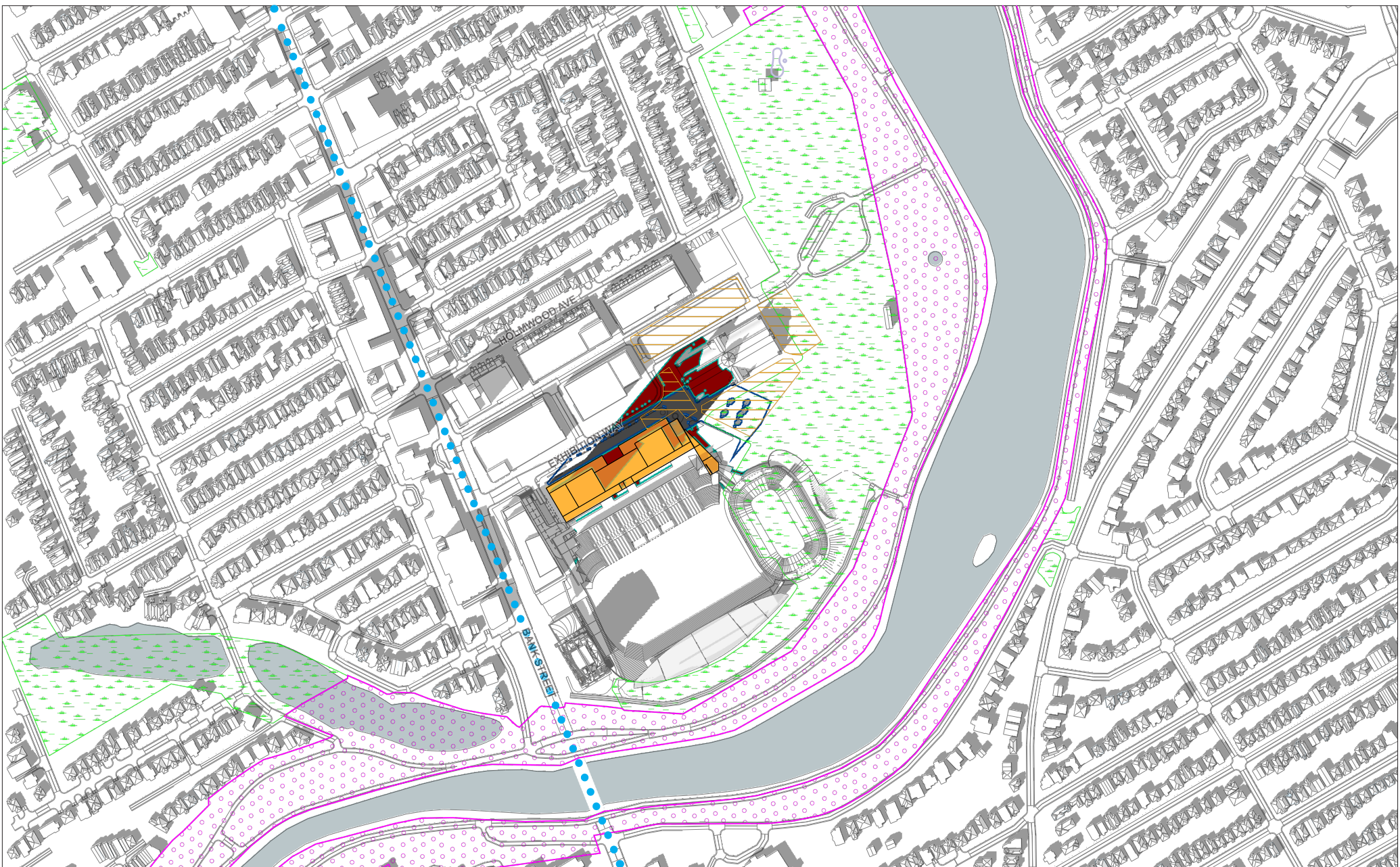
- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





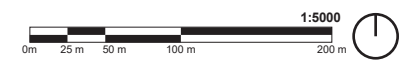
LEGEND:

- 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 = Two Towers Concept
AOR = As-Of-Right





LEGEND:

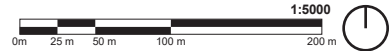
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

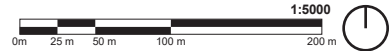
- New Shadow Outline
- AOR Shadow Outline
- New Development

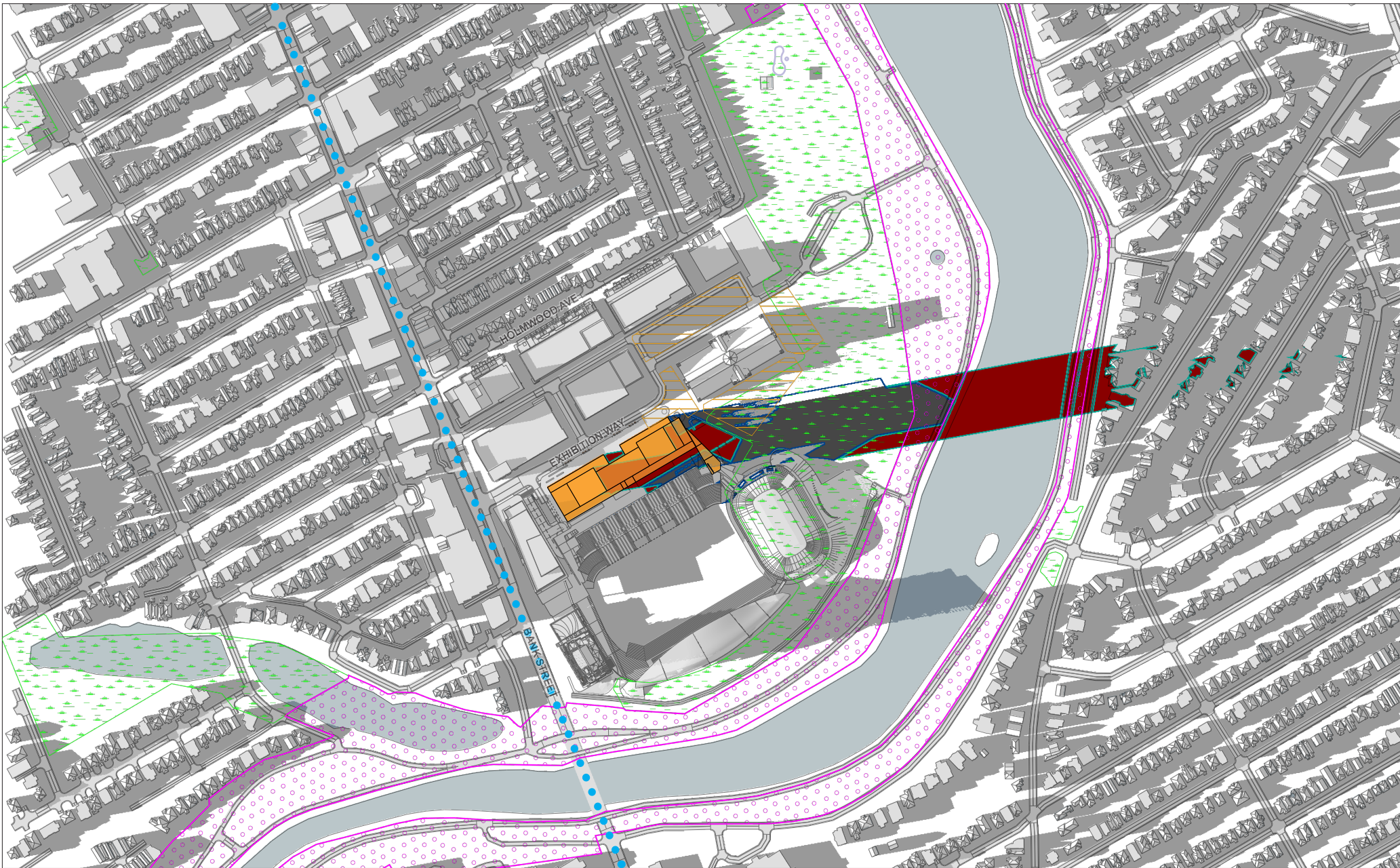
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

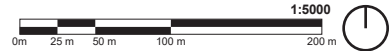
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right

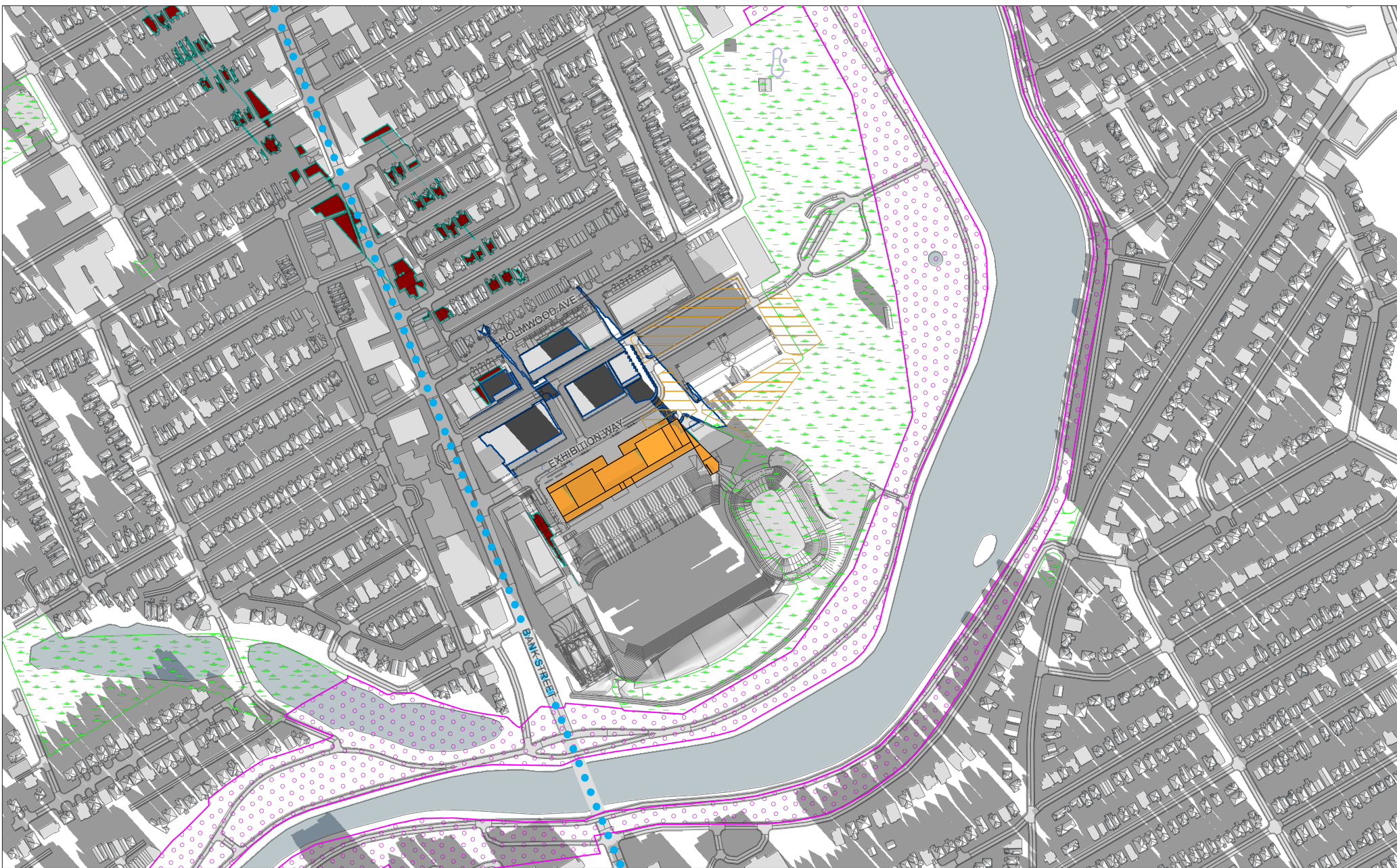


LANSDOWNE PARK
 900 EXHIBITION WAY, OTTAWA, ON
 HOBIN Top-View Shadow Analysis

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
SEPTEMBER 21 6:00pm
 Eastern Daylight Time (EDT) = Universal Time, 4 hours



LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

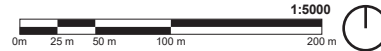
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

- Open Spaces
- Plaza

New = Two Towers Concept
AOR = As-Of-Right



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

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

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



LEGEND:

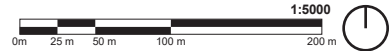
- New Shadow Outline
- AOR Shadow Outline
- New Development

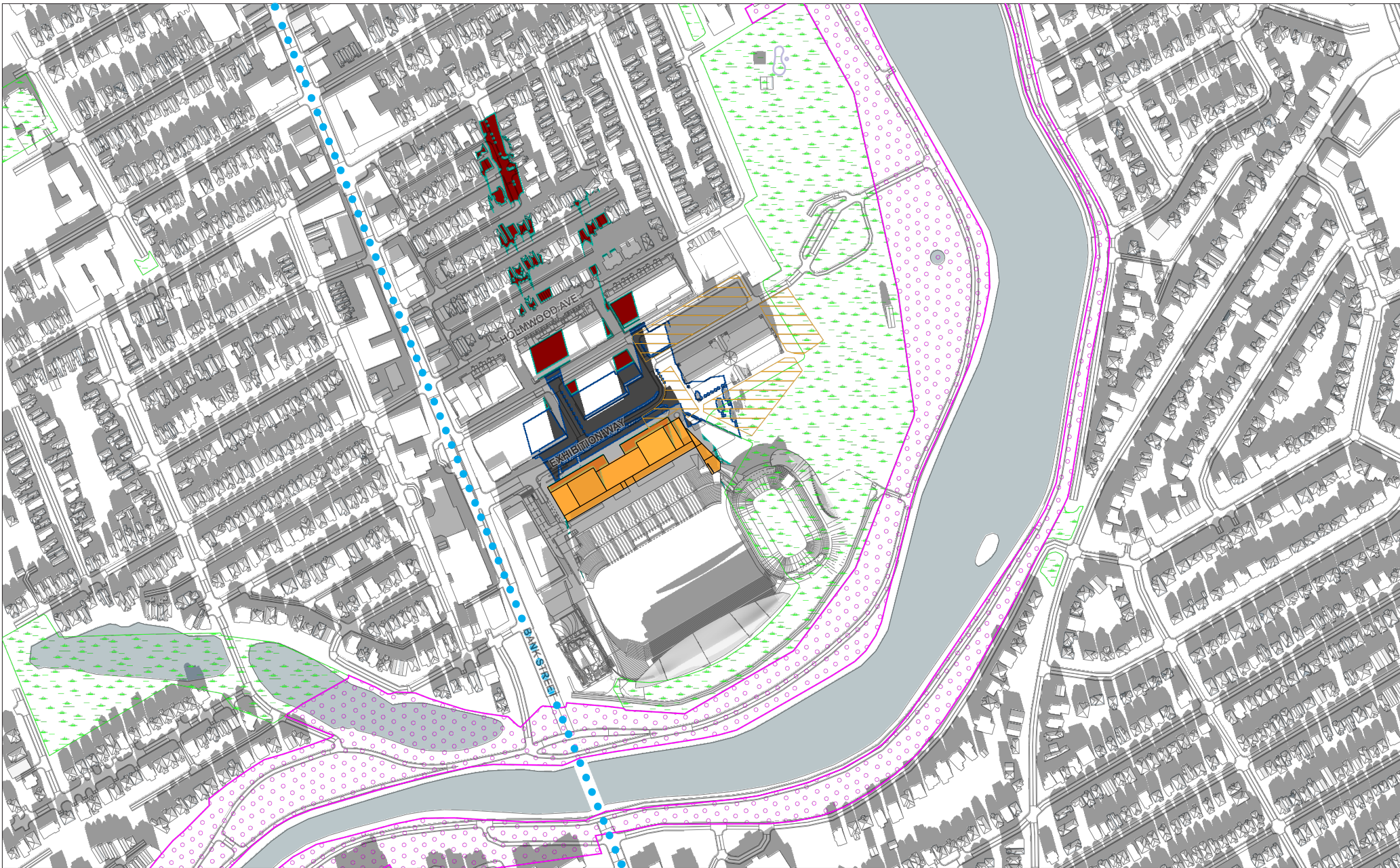
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

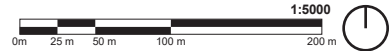
- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right



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

Company: Hobin Architecture
Prepared by: Cristina Hoang
Date: Sep 21, 2023

Application No.: UDRP Presentation 2 (Oct 5, 2023)
Application Type: _____
Scale: 1:5000

Figure test time:
DECEMBER 21 11:00am
 Eastern Standard Time (EST) - Universal Time, 5 hours



LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

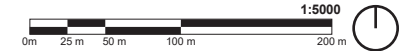
- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

- Open Spaces
- Plaza

New = Two Towers Concept
AOR = As-Of-Right





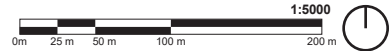
LEGEND:

- New Shadow Outline
- New Net Shadow
- AOR Shadow Outline
- Overlap of AOR & New Shadow
- New Development

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

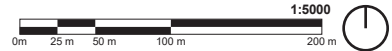
- New Net Shadow
- Overlap of AOR & New Shadow

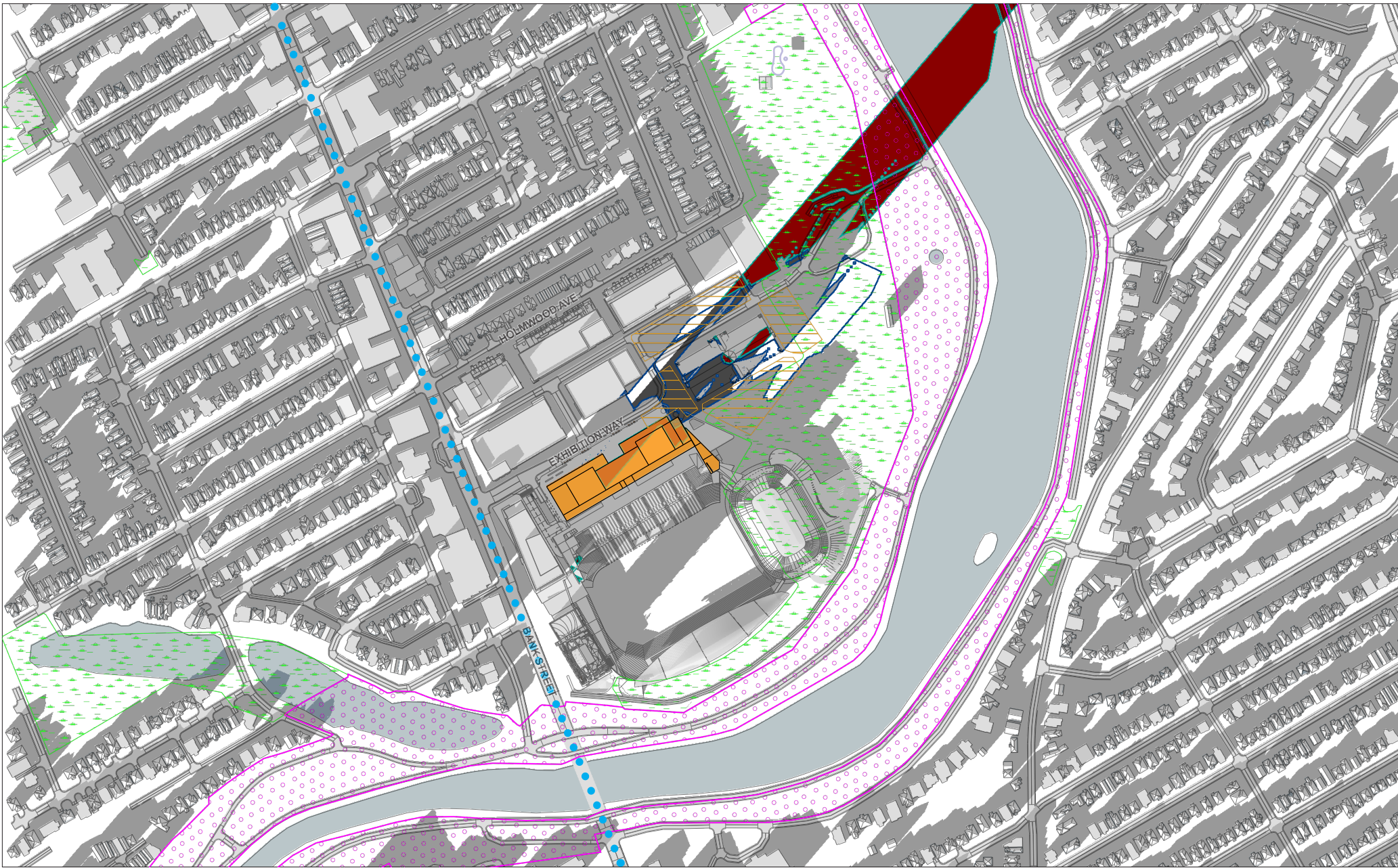
SENSITIVE AREAS:

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

- Open Spaces
- Plaza

New = Two Towers Concept
AOR = As-Of-Right





LEGEND:

- New Shadow Outline
- AOR Shadow Outline
- New Development

- New Net Shadow
- Overlap of AOR & New Shadow

SENSITIVE AREAS:

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

New = Two Towers Concept
AOR = As-Of-Right

