

**SHADOW STUDY**  
June 21<sup>st</sup>

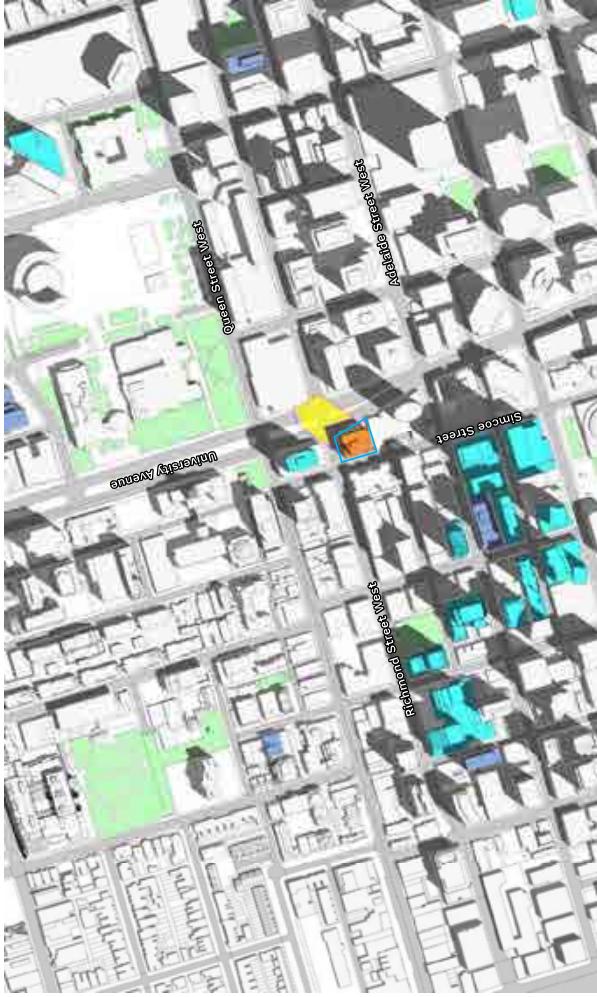
2:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site ■ Revised Development Proposal ■ Approved Development ■ Under Construction ■ Parks and Open Space ■ Shadow Cast by Revised Development Proposal
- Shadow Cast by Original Proposal ■ Shadow Cast by Existing, Under Construction and Approved Development

**SHADOW STUDY**  
June 21<sup>st</sup>

3:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal
- Parks and Open Space
- Shadow Cast by Revised Development Proposal

4:18pm



### Existing Condition



### Legend

- Subject Site
- Revised Development Proposal
- Approved Development
- Parks and Open Space
- Under Construction
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development



### Proposed Condition



5:18pm



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Under Construction
- Parks and Open Space
- Parks and Open Space
- Shadow Cast by Revised Development Proposal



OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
June 21<sup>st</sup>

6:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal

OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

9:18am



**Existing Condition**



**Proposed Condition**

**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development

OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

10:18am



**Existing Condition**



**Proposed Condition**

**Legend**

- Subject Site       Revised Development Proposal       Approved Development       Under Construction       Parks and Open Space       Shadow Cast by Revised Development Proposal
- Shadow Cast by Original Proposal       Shadow Cast by Existing, Under Construction and Approved Development

**SHADOW STUDY**  
September 21<sup>st</sup>

11:18am



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Under Construction
- Parks and Open Space
- Parks and Open Space by Revised Development Proposal

OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

12:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal
- Parks

OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

1:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal



OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

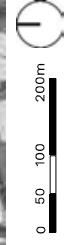
2:18pm



**Existing Condition**



**Proposed Condition**



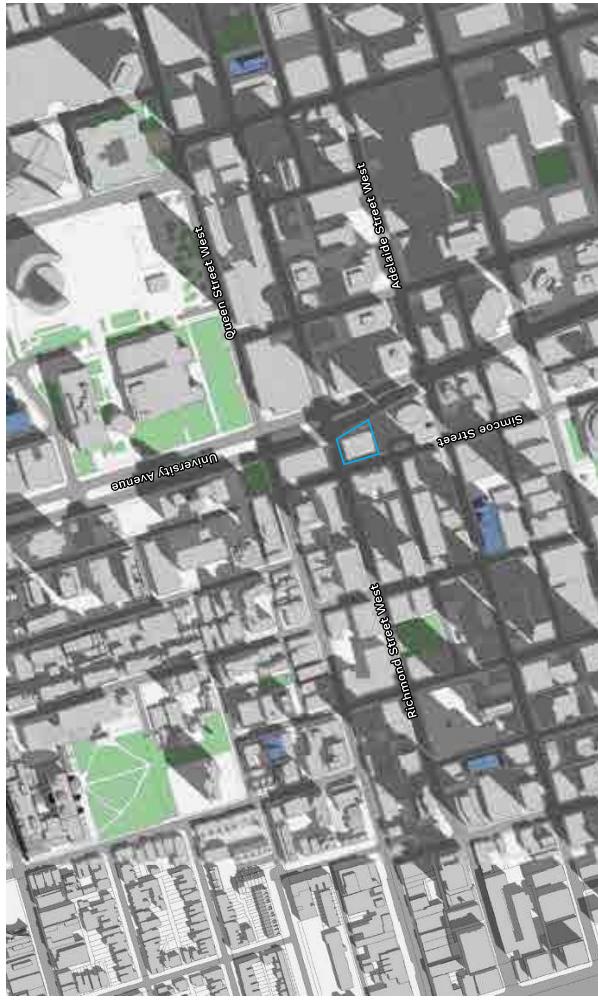
**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal
- Parks and Open Space
- Parks and Open Space
- Shadow Cast by Revised Development Proposal

OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

3:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal



OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

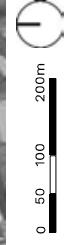
4:18pm



**Existing Condition**



**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Under Construction
- Parks and Open Space
- Parks and Open Space



OLT-23-004800  
200 University Avenue, Toronto

**SHADOW STUDY**  
September 21<sup>st</sup>

5:18pm



**Existing Condition**



**Proposed Condition**

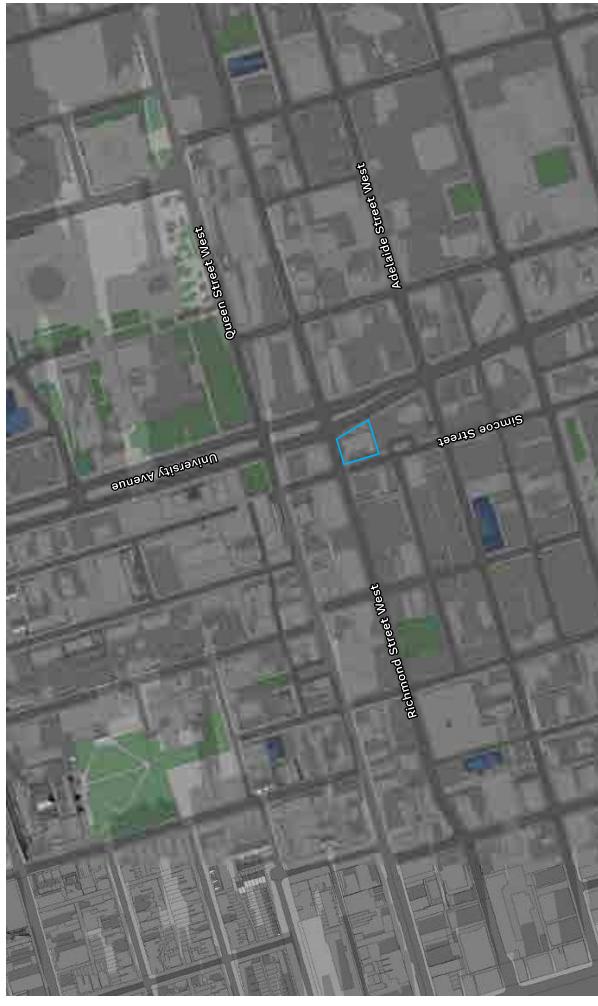


**Legend**

- Subject Site
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- Approved Development
- Under Construction
- Parks and Open Space
- Shadow Cast by Revised Development Proposal
- Shadow Cast by Existing, Under Construction and Approved Development
- Shadow Cast by Original Proposal

**SHADOW STUDY**  
September 21<sup>st</sup>

6:18pm



**Existing Condition**

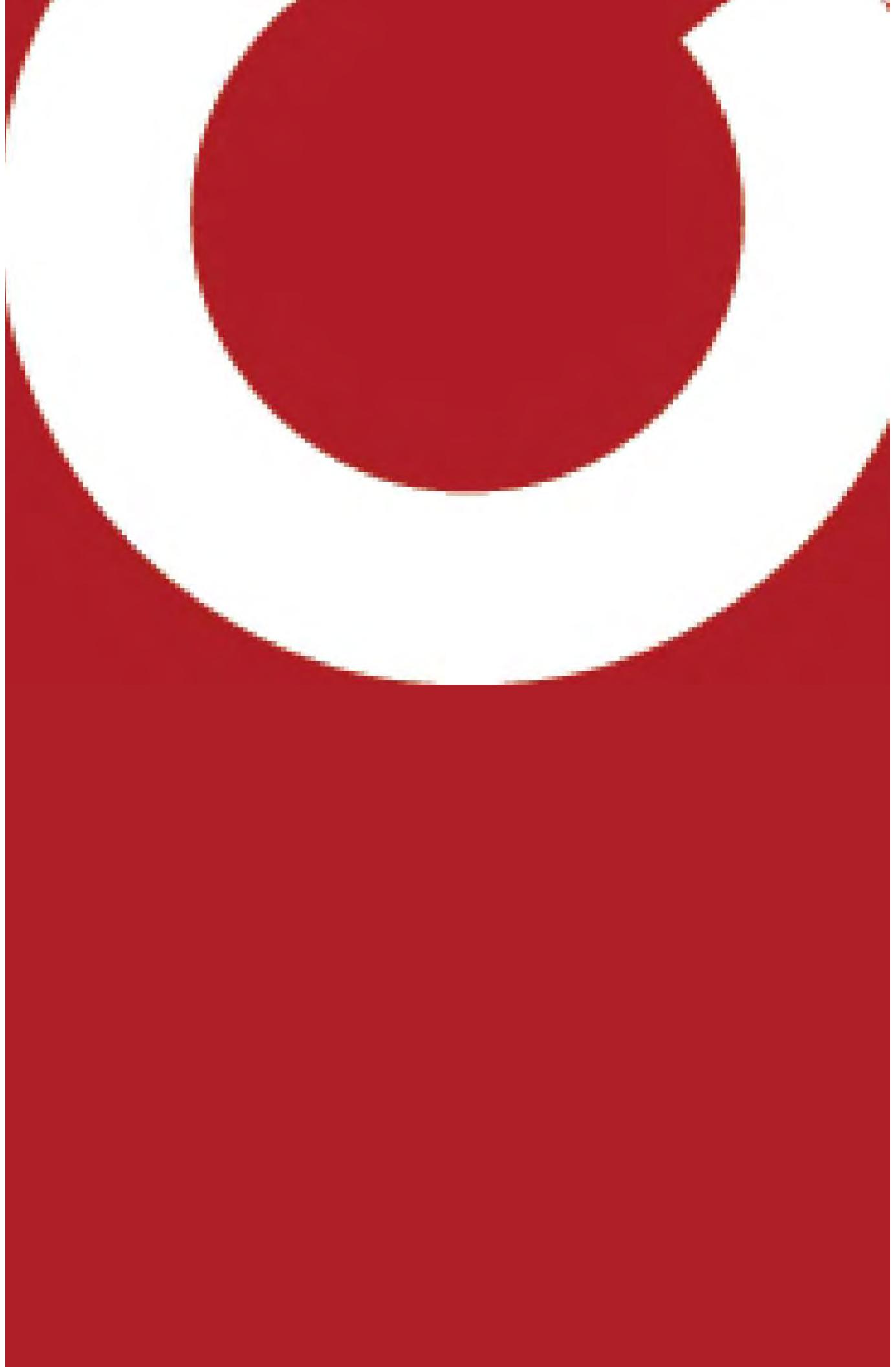


**Proposed Condition**



**Legend**

- Subject Site
- Revised Development Proposal
- Approved Development
- Under Construction
- Parks and Open Space
- Parks and Open Space
- Shadow Cast by Original Proposal
- Shadow Cast by Existing, Under Construction and Approved Development





### ***Growth Plan for the Greater Golden Horseshoe (2019)***

The Growth Plan, 2019 came into effect on May 16, 2019. The Growth Plan is the Province of Ontario's initiative to plan for growth and development in a way that supports economic prosperity, protects the environment, and helps communities achieve a high quality of life.

With the objective of "protecting what is valuable", Section 4.2.7 of the Growth Plan, 2019 states:

1. Cultural heritage resources will be conserved in order to foster a sense of place and benefit communities, particularly in strategic growth areas.

### ***The Province of Ontario's 2020 Provincial Policy Statement for the Regulation of Development and Land Use***

The Provincial Policy Statement, 2020 ("PPS") sets out the Ontario government's land use vision for how we settle in our landscape, create our built environment, and manage our land and resources over the long term to achieve livable and resilient communities.

Section 2.6 of the PPS contains policies addressing Cultural Heritage and Archaeology, the most relevant of which include:

- 2.6.1 Significant built heritage resources and significant cultural heritage landscapes shall be conserved.
- 2.6.3 Planning authorities shall not permit development and site alteration on adjacent lands to protected heritage property except where the proposed development and site alteration has been evaluated and it has been demonstrated that the heritage attributes of the protected heritage property will be conserved.

### ***The Ontario Heritage Act (R.S.O. 1990)***

The Ontario Heritage Act is the statutory legal foundation for heritage conservation in Ontario. Part V, Section 41 of the OHA authorizes municipalities to enact by-laws to designate a heritage conservation district to protect and conserve the character and appearance of an area or municipality.

### ***City of Toronto Official Plan***

Chapter 3, Subsection 3.1.5 of the City of Toronto Official Plan (consolidated June 2015) contains policies concerning development on or adjacent to heritage properties.

Policy 5 states:

*Proposed alterations, development, and/or public works on or adjacent to, a property on the Heritage Register will ensure that the integrity of the heritage property's cultural heritage value and attributes will be retained, prior to work commencing on the property and to the satisfaction of the City. Where a Heritage Impact Assessment is required in Schedule 3 of the Official Plan, it will describe and assess the potential impacts and mitigation strategies for the proposed alteration, development or public work.*

Policy 26 states:

*New construction on, or adjacent to, a property on the Heritage Register will be designed to conserve the cultural heritage values, attributes and character of that property and to mitigate visual and physical impact on it.*

### ***Downtown Secondary Plan (OPA 406)***

Toronto City Council adopted OPA 406 at its meeting on May 22-24, 2018, pursuant to Section 26 of the Planning Act. It was submitted for Ministerial review on August 9, 2018. On June 5, 2019, OPA 406 received approval with amendments from the Minister of Municipal Affairs and Housing.

Policy 1.5 states:

*The Official Plan policies, Secondary Plans, Site and Area Specific Policies and Heritage Conservation Districts that fall within the boundary of the Downtown Plan must be read together with this Plan.*

Policy 9.10 states:

*Development on sites that include or are adjacent to properties on the Heritage Register will include base buildings that are compatible with the streetwall height, articulation, proportion, materiality and alignment thereof.*

Policy 9.24 states:

*Development may be required to incorporate transition in scale to achieve built form compatibility when it is:*

- 9.24.1. of a greater intensity and scale than the adjacent and surrounding planned context, with consideration for front, rear and side adjacencies;*
- 9.24.3. adjacent to a property designated under Part IV of the Ontario Heritage Act or a Heritage Conservation District;*

### ***Tall Building Design Guidelines***

Section 1.6.a states:

*a. Conserve and integrate heritage properties into tall building developments in a manner that is consistent with accepted principles of good heritage conservation (see Appendix A: Heritage Conservation Principles). Tall building proposals with adjacent or on-site heritage properties or within an HCD are required to provide a Heritage Impact Assessment as part of a complete application.*

Section 1.6.b states:

*b. Conserve the integrity of the cultural heritage values, attributes, character, and three dimensional form of an on-site heritage building or structure or property within an HCD. Façade retention alone is not an acceptable method of heritage preservation.*

Section 1.6.c states:

*When a tall building is adjacent to a lower-scale heritage property: design new base buildings to respect the urban grain, scale, setbacks, proportions, visual relationships, topography, and materials of the historic context; integrate the existing heritage character into the base building through high-quality, contemporary design cues; provide additional tall building setbacks, stepbacks, and other appropriate placement or design measures to respect the heritage setting*

(see also 1.5 Prominent Sites and Views from the Public Realm); and ensure consistency with applicable HCD Plan requirements.

Section 1.6.d states:

*Tall buildings will not visually impede the setting of properties on the heritage register. The objective for the long-term preservation, integration, and re-use of heritage properties may mean that not all sites with or adjacent to heritage properties are appropriate for tall building development.*

#### ***The Queen West Heritage Conservation District Plan***

The Guidelines under Section 5.4 Building Heights of the Queen West Heritage Conservation District Plan state:

- The shadow impact of new buildings outside the Heritage District should not result in greater shadowing on Queen Street West than what is permitted by this plan.*



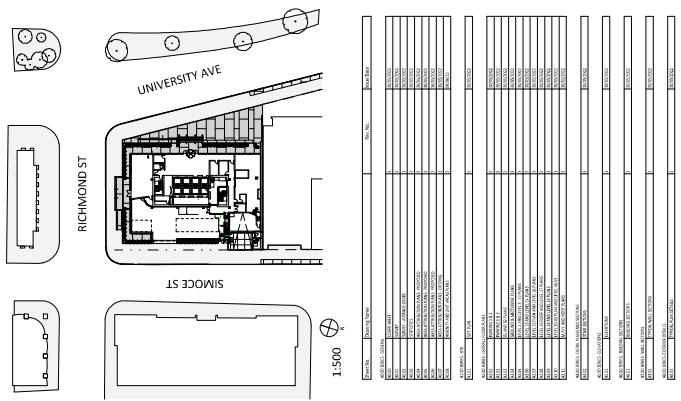
200 UNIVERSITY AVE



OWNER AND CONSULTANT LIST



CONTEXT PLAN



**KPMB Architects**  
361 Lang St E, Suite 1200  
Toronto, ON, Canada M5A 0C6  
[www.kpmb.com](http://www.kpmb.com)

Project No.: 2005  
Scale: 1:200  
Page No.: 30/50/2022

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**COVER SHEET**

AO-000





## SKETCH SHOWING AVERAGE GRADE CALCULATION

200 UNIVERSITY AVENUE

CITY OF TORONTO

Scale: 1 : 150

10 mm

SPRIGHT, VAN NOSTRAND &amp; GIBSON LIMITED

ON BEHALF OF LAND SURVEYORS

2010030

C

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REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF SPRIGHT, VAN NOSTRAND & GIBSON LIMITED.

## METRIC

DISTANCES SHOWN ON THIS PLAN ARE IN METRES.  
ALTITUDES ARE COMPUTED TO FLOOR BY DRAWING BY 0.2048.

## ELEVATION NOTE

Elevations are Geodetic and are derived from the City of  
Toronto Topographic No. 122-19700-4B, sheet known as CT-249.LOCATION : NEAREST CORNER RICHMOND STREET WEST AND SMOKE STREET  
SECTION NAME : B STOREY STONE CANADA BUILDING DAY MATTE  
NAME : FAMA SOUTHERN CORNER 108 MILE AVENUE (Bldg.)  
DIMENSIONS:

PUBLISHED ELEVATION = 89.453 metres. (CDDO 1928 PREC 1978 Lining)

## COMPILED NOTE

DRAWINGS AND TOPOGRAPHIC INFORMATION TAKEN FROM A PLAN OF SURVEY  
IN MY OFFICE, VAN NOSTRAND & GIBSON LTD, DATED JULY 2, 2010  
(S1) BY JAW NO. 103520  
FILE NO. 201001-0252 (L1)

## AVERAGE GRADE CALCULATION

DRAWINGS AND TOPOGRAPHIC INFORMATION TAKEN FROM A PLAN OF SURVEY  
IN MY OFFICE, VAN NOSTRAND & GIBSON LTD, DATED JULY 2, 2010  
(S1) BY JAW NO. 103520

## UNIVERSITY AVENUE

AVG GRADE : 88.34  
UNTH : 52.21  
UNTH FACTOR : 1

## RICHMOND STREET WEST

AVG GRADE : 88.82  
UNTH : 21.57  
UNTH FACTOR : 21.57/50.21 = 0.41

## SMOKE STREET

AVG GRADE : 88.59  
UNTH : 28.60  
UNTH FACTOR : 28.60/50.21 = 0.55

## AVERAGE GRADE

 $\frac{88.34 + (0.41 \times 88.82) + (0.55 \times 88.59)}{3} = 88.51$   
T = 0.41 + 0.55 + 0.03PROPOSED A1 GRADE DRAINE  
EXISTING GRADE ELEVATION

KPMB Architects

55 KINGSTON ROAD, TORONTO, ON, M5V 1Z9  
TEL: 416-749-5100 FAX: 416-749-7866

SPRIGHT, VAN NOSTRAND &amp; GIBSON LIMITED

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TORONTO, ON M3J 2Z4  
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PHONE : 905-669-2844

FILE NAME : 002001284.DWG

UNFILED : L. R.

PLT SCALE : 1:00-15

PLOTTED : 200-0128

UPDATED : 2010-03-02

REF. NO. :

002001284

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2010030

PROFESSIONAL SURVEYOR  
REGISTRATION NO. 200-0128SURVEY AVERAGE  
GRADE