

Plan for Scanning-Day (Mar 16 2018)

Initially drafted by Jungwon & Kunwoo

Mar 15 2018

Overview

- Schedule on Mar 16 (Fri) 2018
 - **8:40 AM** : Gathering at PSE Lobby
 - 8:40 - 12:00 : **Arrangement & Scanning**
 - 12:00 - 14:00 : Joining in Bruce's farewell party
 - 14:00 - 16:00 : **Scanning**
- Participants
 - ISSUM members: Pio, Yi-Chen, Afnan, Kang
 - Indoor modeling expert: Kivanc
 - Supporters: Jungwon, Kunwoo
- Plan for Scanning
 - Total 9 sets

Scanning System

- Optech Maverick Mobile Mapping System
 - <http://www.teledyneoptech.com/index.php/product/maverick/>



Comments (1/2)

- Pio's comment on 'Set 7: Campus Walk'
 - Some buildings (e.g. York lanes - Student Centre, Student Centre - Vari Hall) have short indoor paths connecting them. These are important for us.

- Kivanc's comment for open space movement
 - To make a turn from the area between chemistry and life science buildings might be preferred to capture a little pedestrian square to model the open space movements.

Comments (2/2)

- Kivanc's comment on scanning priority
 - Scan Set 3, 4, 5, 6, and 7 could be set as priority, and then 8, 9 sample floors, and 1, 2 if time is tight.
- Kivanc's comment on processing & file format
 - Asking for preprocessing ? postprocessing?
 - .las file?

Plan for Scanning Set

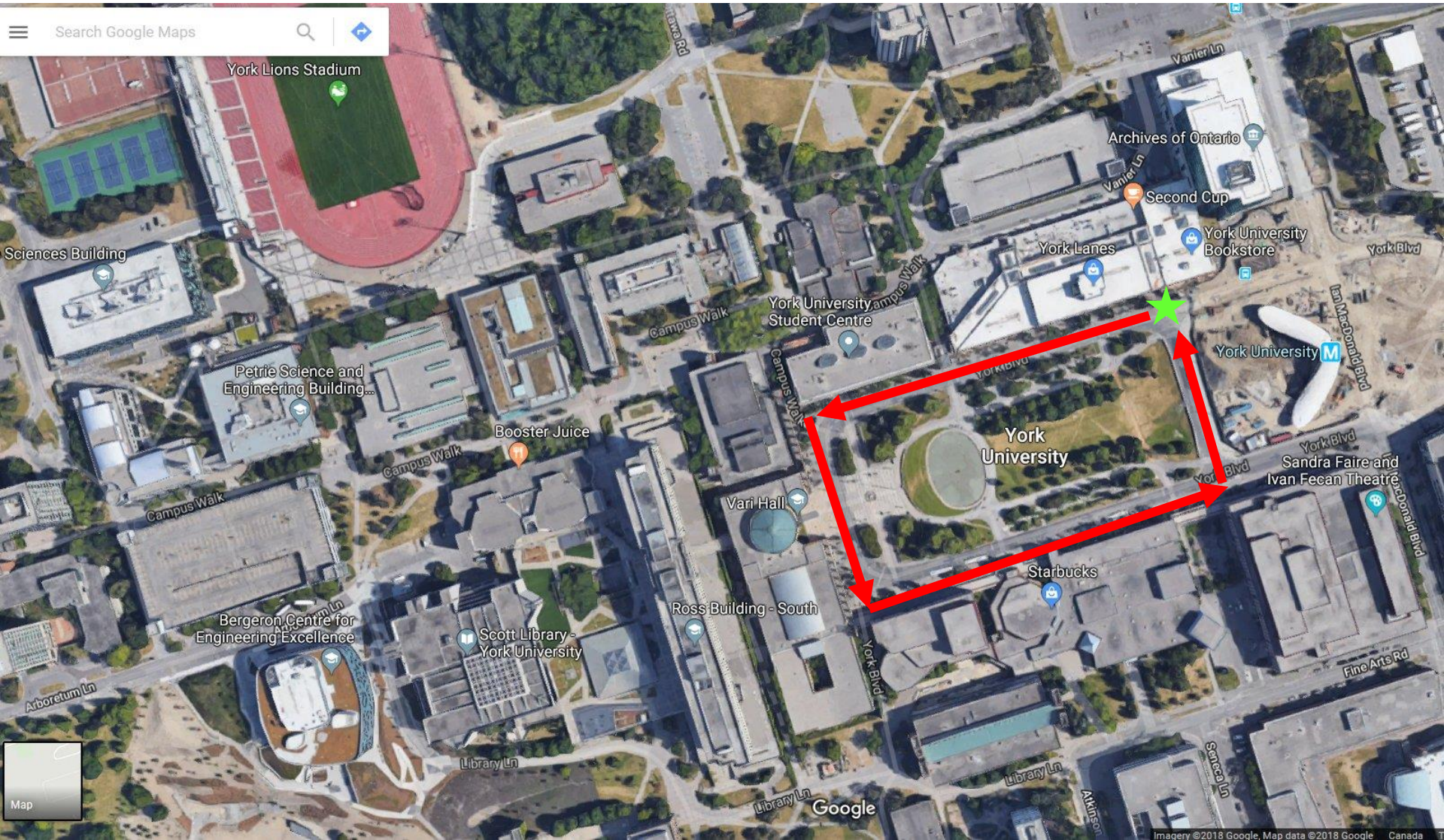
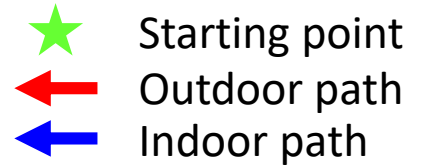
Set Number	Place	Type
1	York Blvd Outdoor Loop	All Outdoor Path
2	South York Blvd Building Corridor Loop	Indoor + Outdoor Path
3	Student Centre	Indoor + Outdoor Path
4	York Lane	Indoor + Outdoor Path
5	Vari Hall	All Indoor Path
6	Ross Building	All Indoor Path
7	Campus Walk	All Outdoor Path
8	PSE Building	All Indoor Path
9	Chemistry Building	All Indoor Path

Set 1: York Blvd Outdoor Loop

7

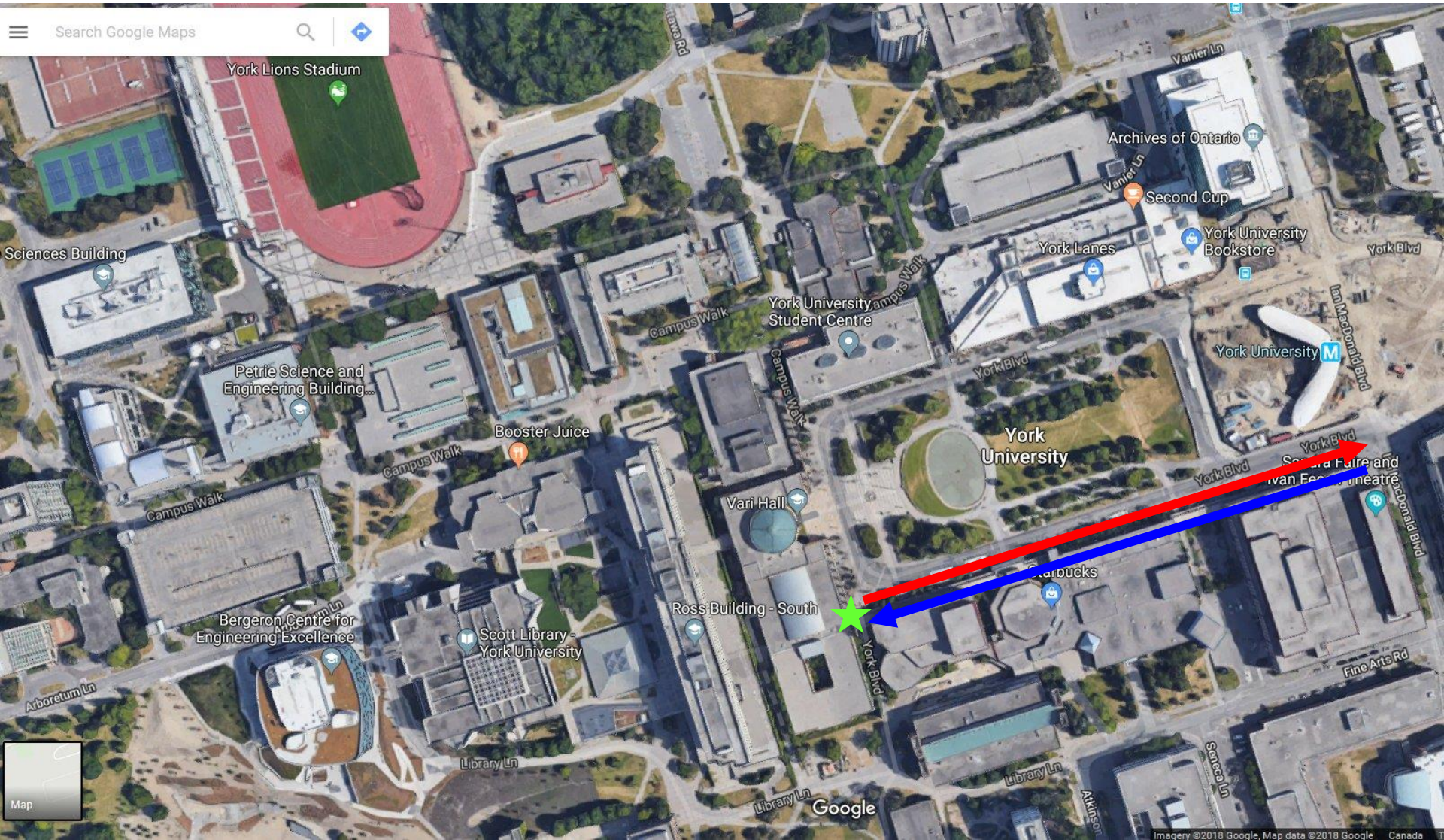
- All Outdoor Path

- Scanning the building wall outside.



Set 2: South York Blvd Building Corridor Loop 8

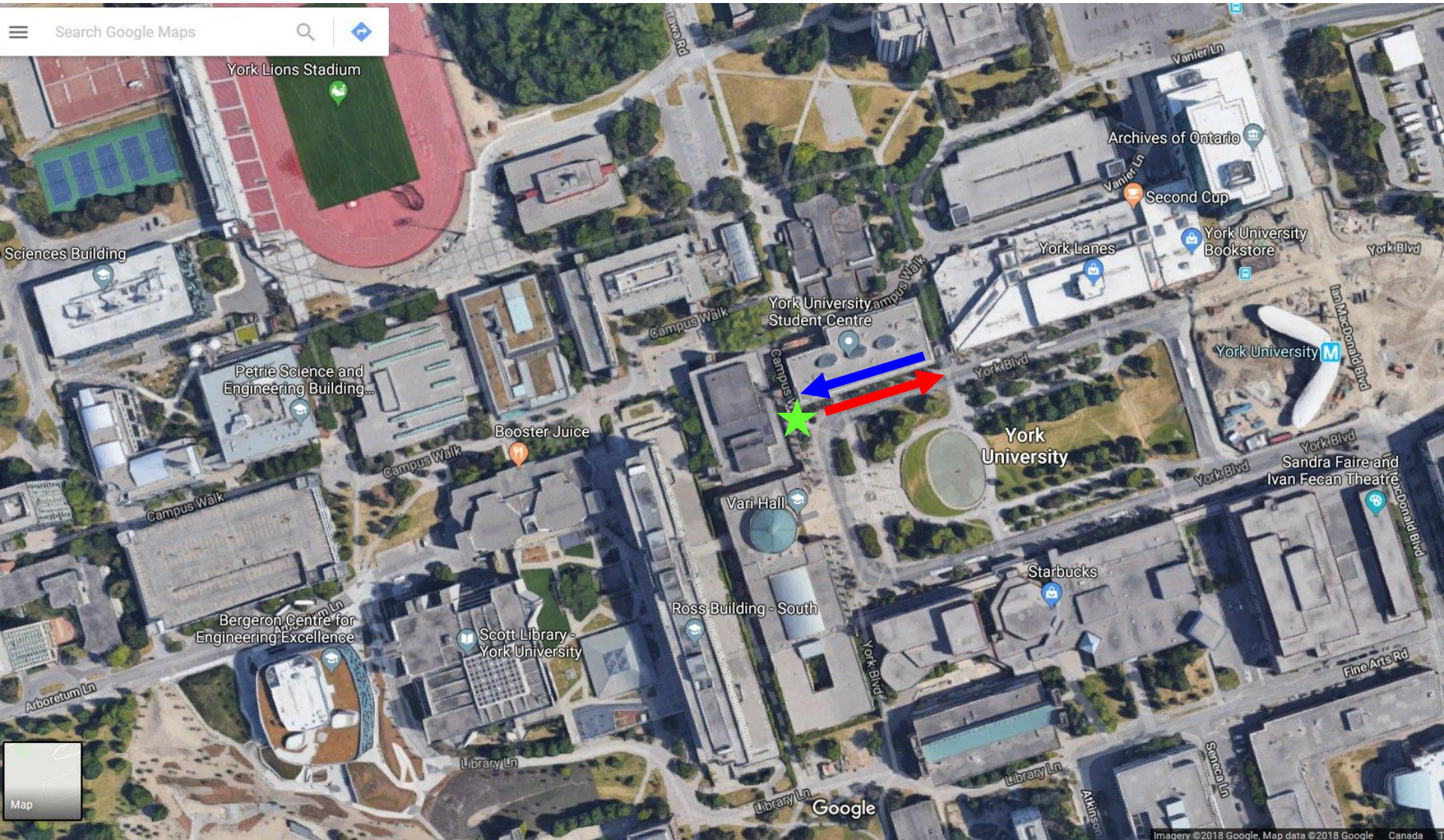
- Indoor + Outdoor Path



Set 3: Student Centre

9

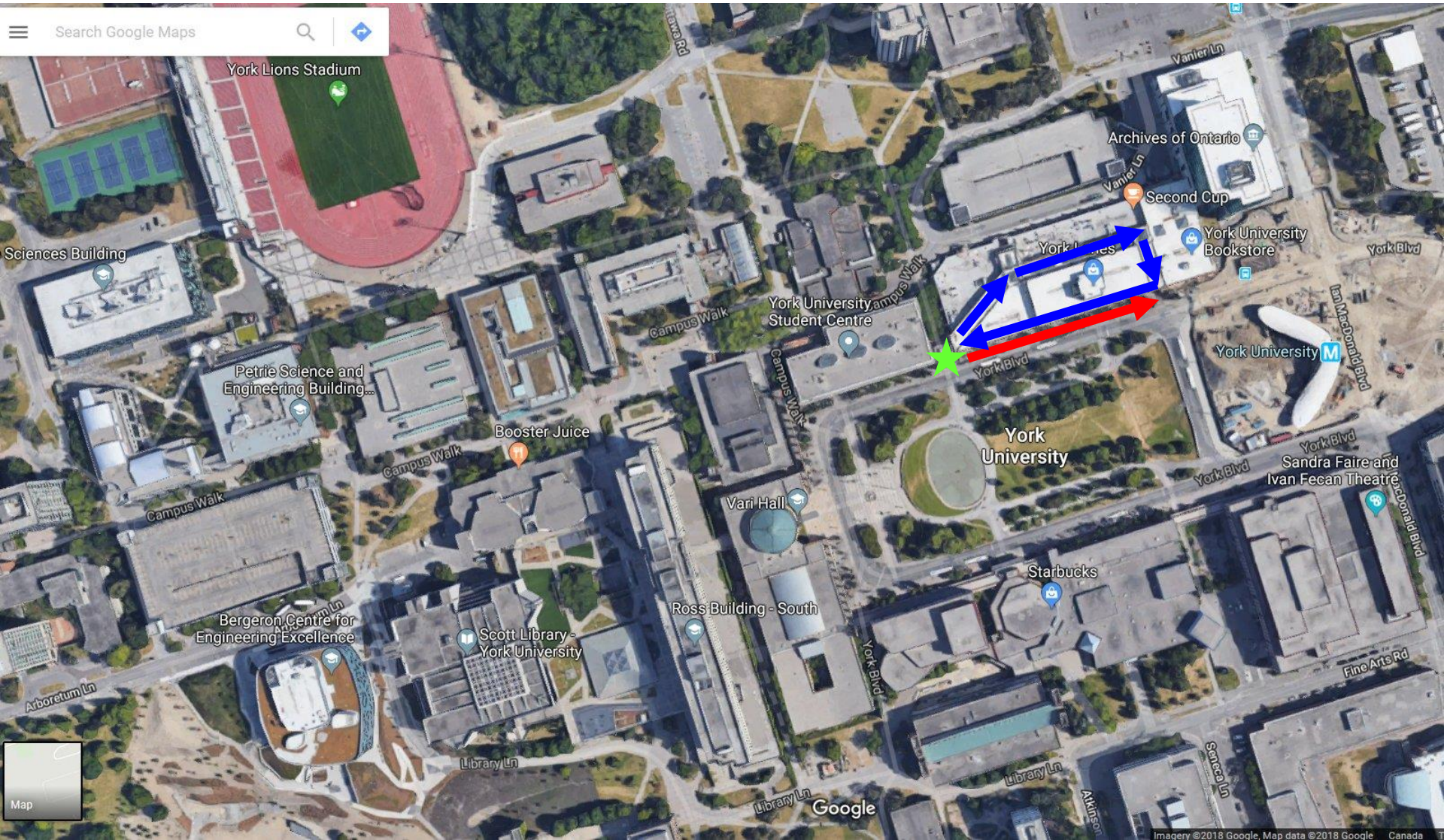
- Indoor + Outdoor Path
 - Including a corridor basically, and indoor space if possible



Set 4: York Lane

10

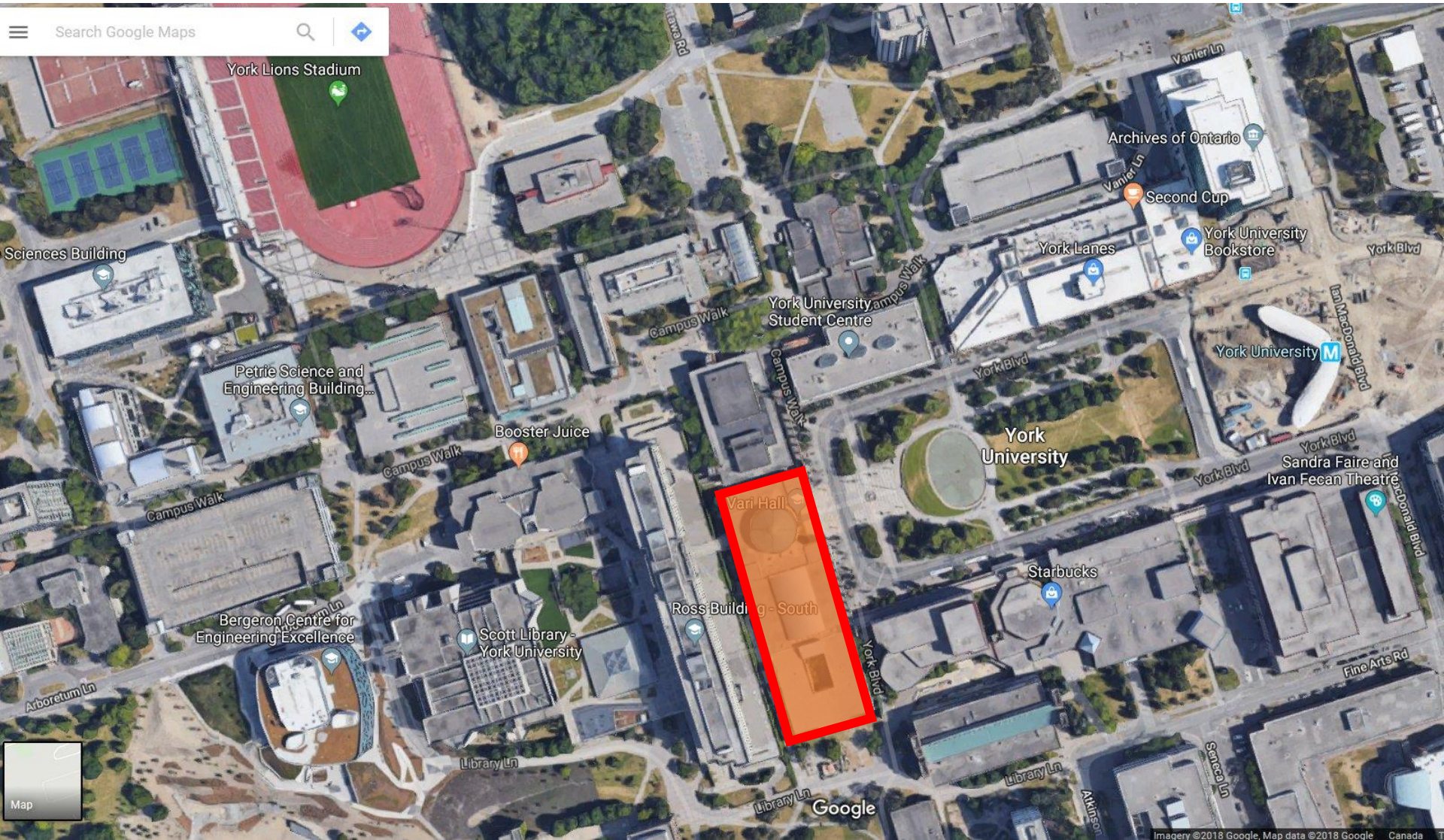
- Indoor + Outdoor Path
 - Including all the corridors



Set 5: Vari Hall

11

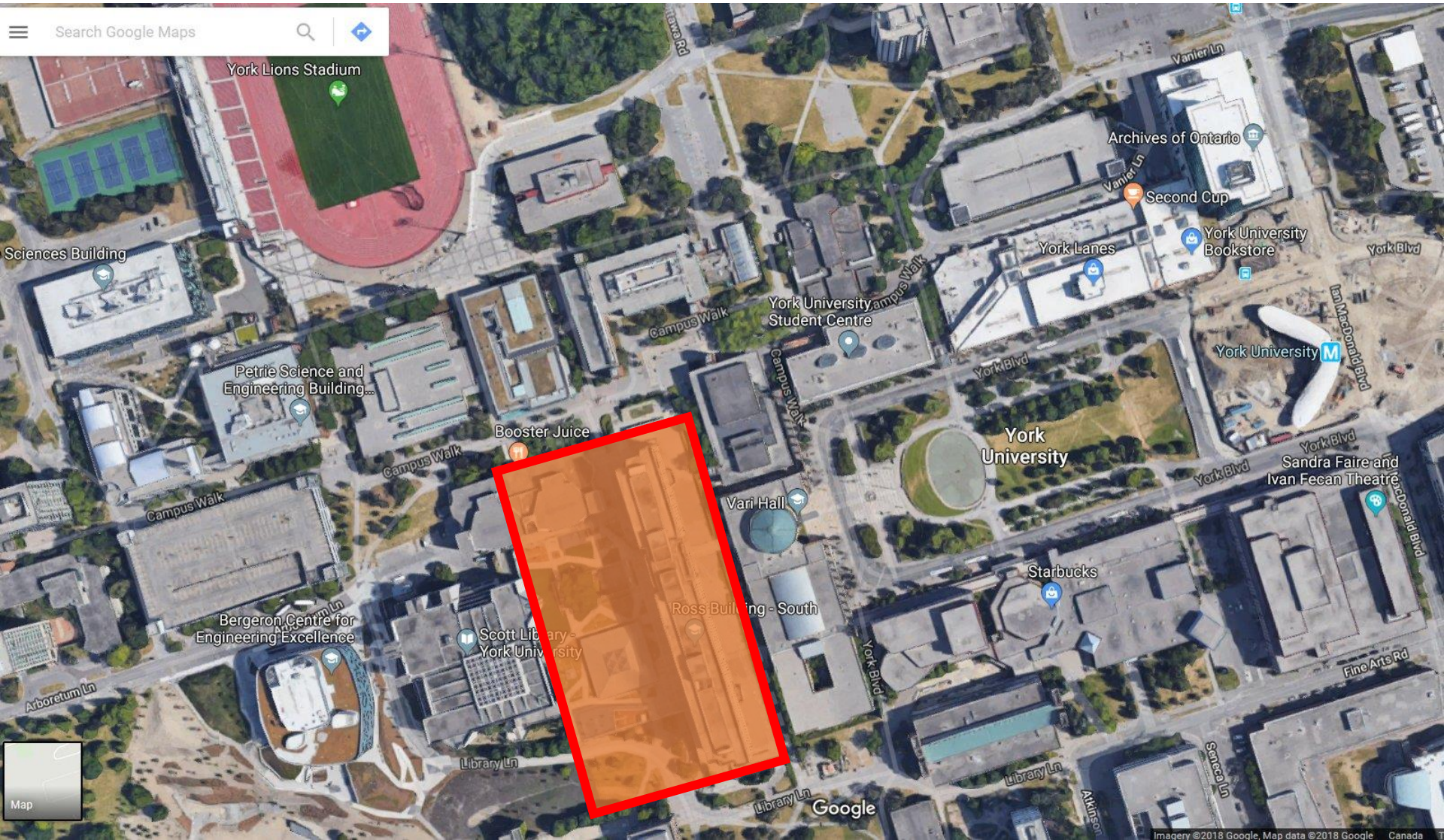
- All Indoor Path
 - Path: Not determined yet



Set 6: Ross Building

12

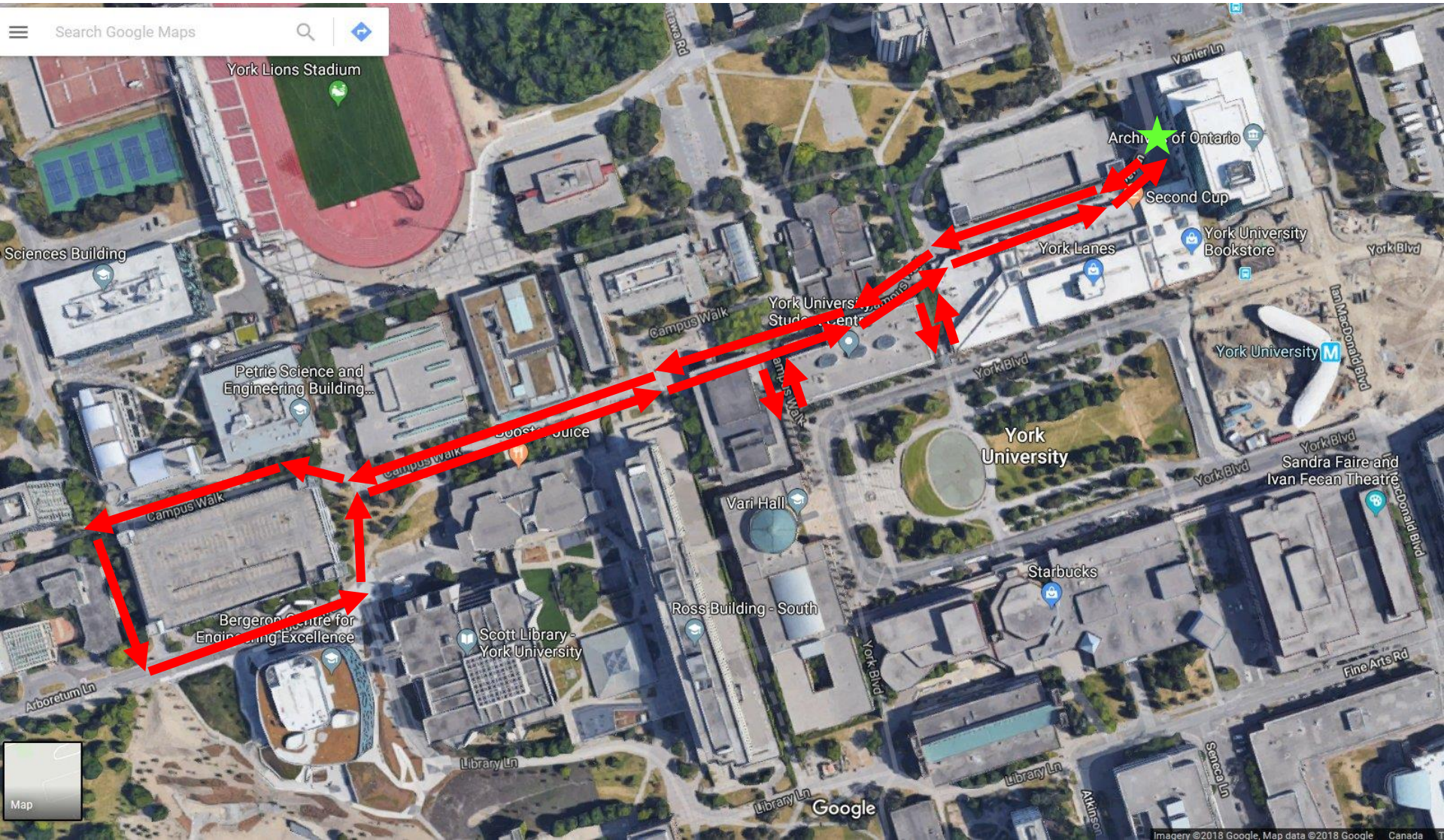
- All Indoor Path
 - Path: Not determined yet



Set 7: Campus Walk

13

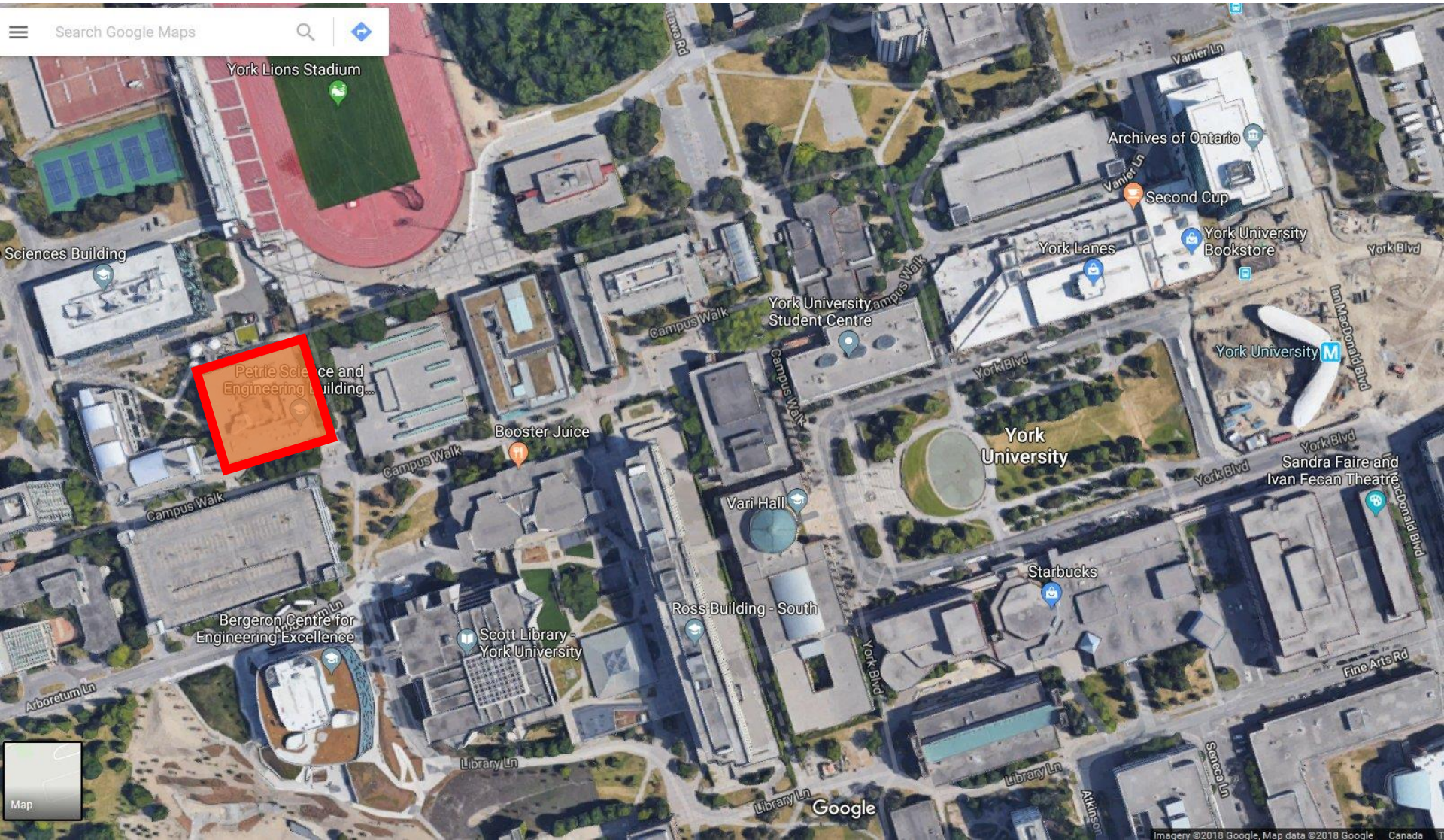
- All Outdoor Path



Set 8: PSE Building

14

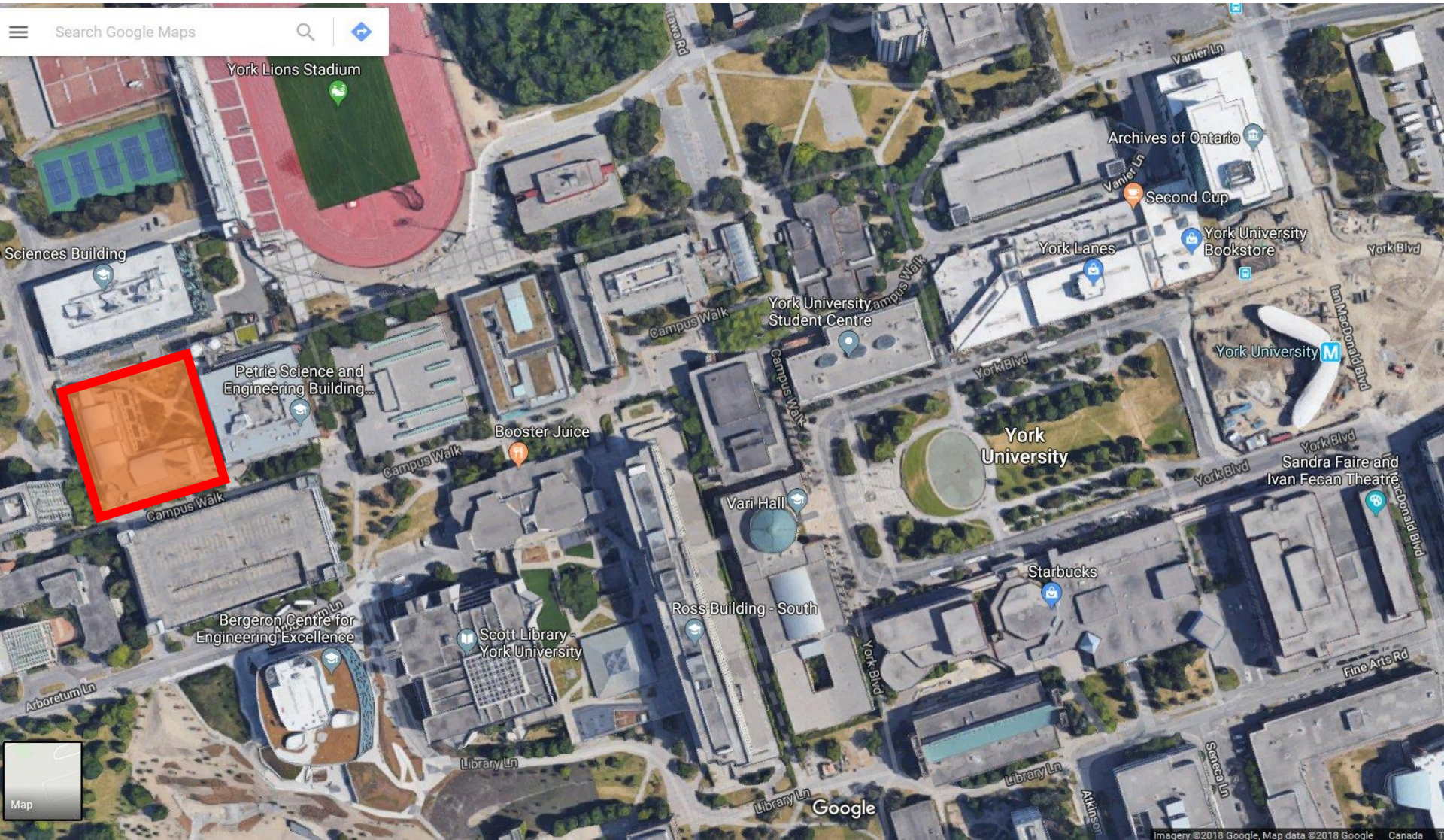
- All Indoor Path
 - Scanning all floors (B, G, 2, 3, 4)



Set 9: Chemistry Building

15

- All Indoor Path
 - Scanning all floors (G, 2, 3, 4)



Further Discussion

- Issues for 8:40 AM (Mar 16) Meeting
 - Priority & sequence for scanning
 - Indoor Path for 'Set 5: Vari Hall', 'Set 6: Ross Building', 'Set 8: PSE Building', and 'Set 9: Chemistry Building'
 - Principal accompanying people
 - Originally plan - 8:40 AM: Kivanc, 10 AM: Pio, 11 AM: Kang, 2 PM: Yi-Chen, 3 PM: Afnan
 - However, it should be changed as Afnan has to join in the Thales meeting (~ 3 PM or late).