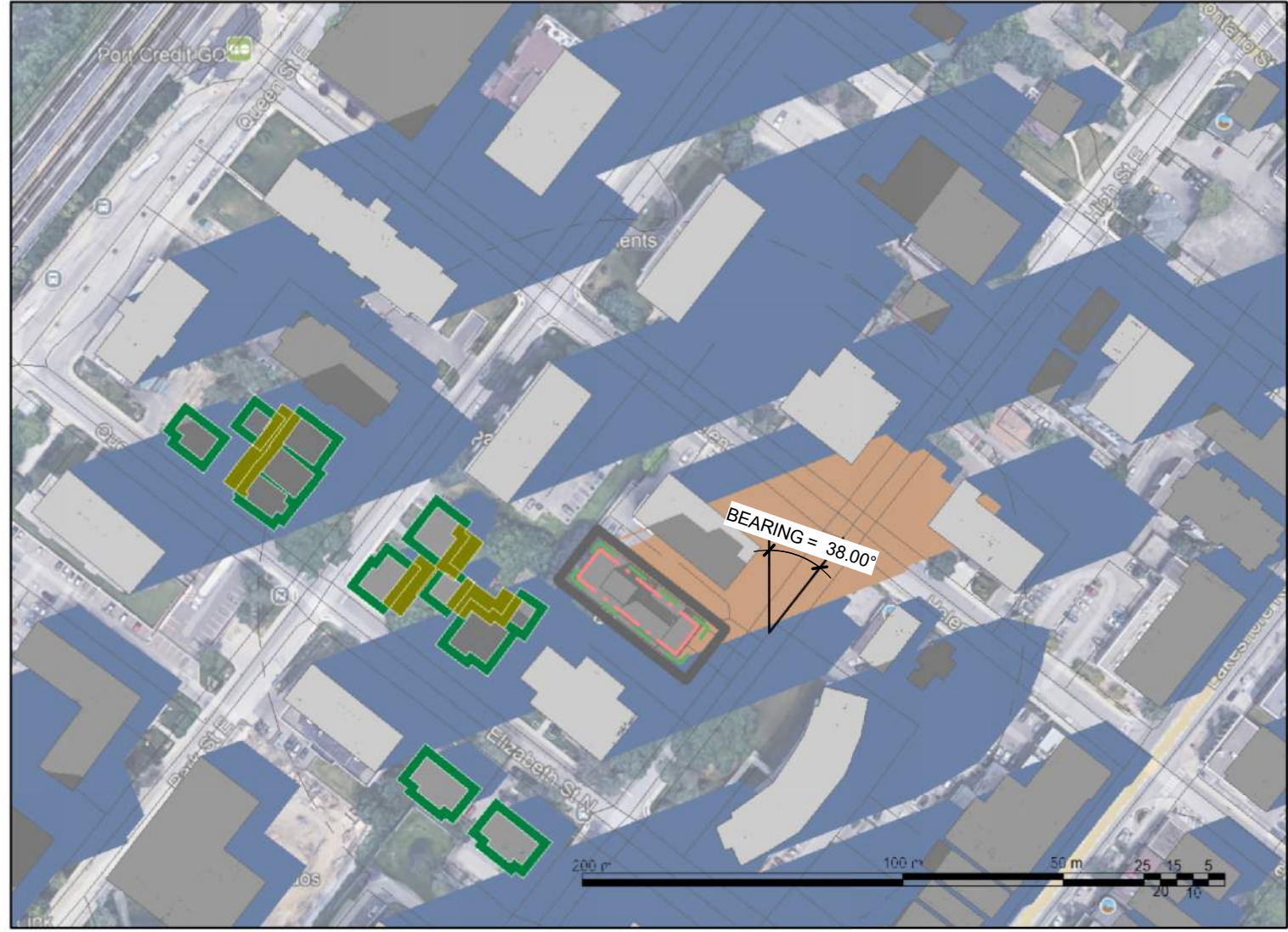
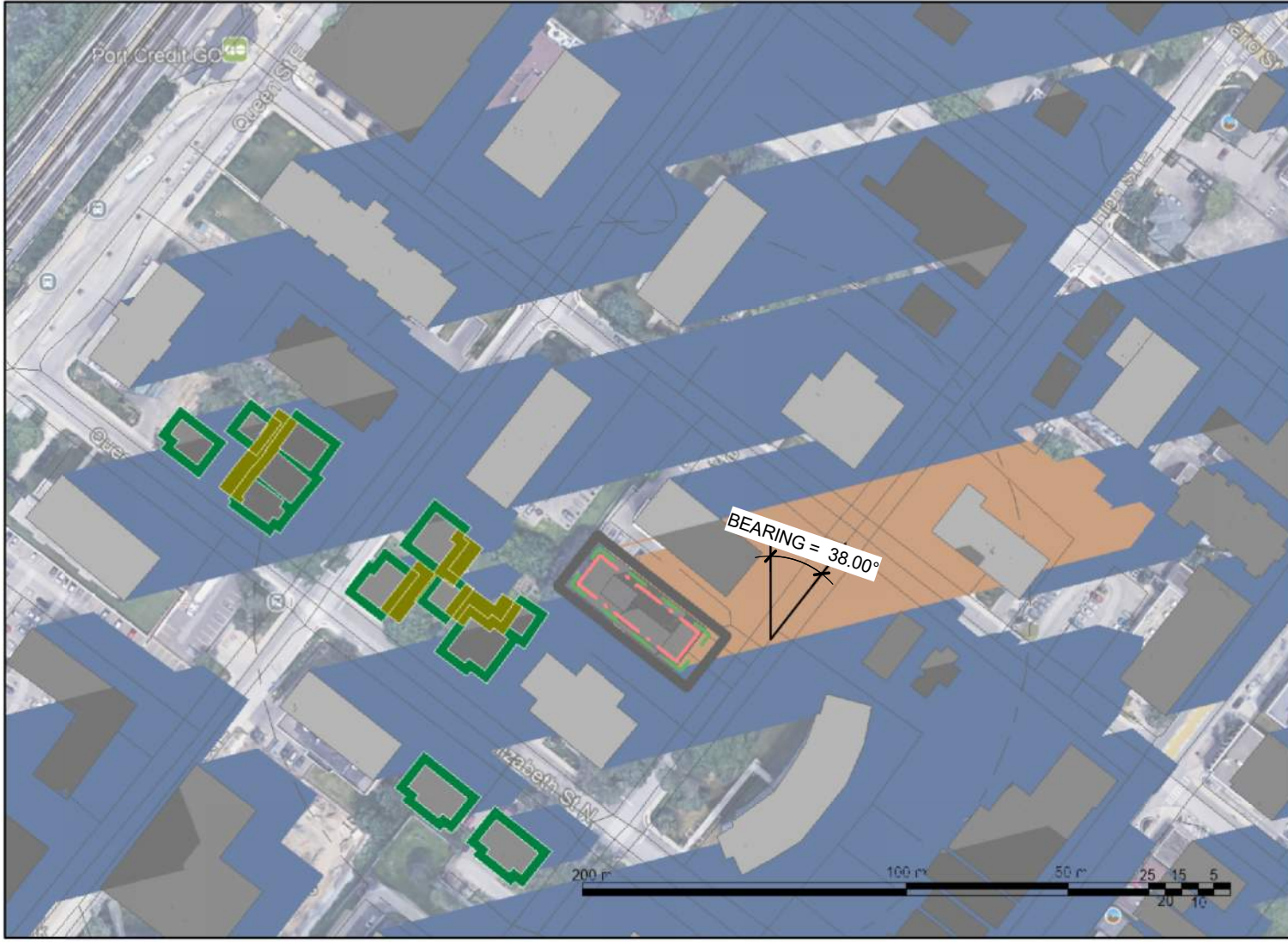
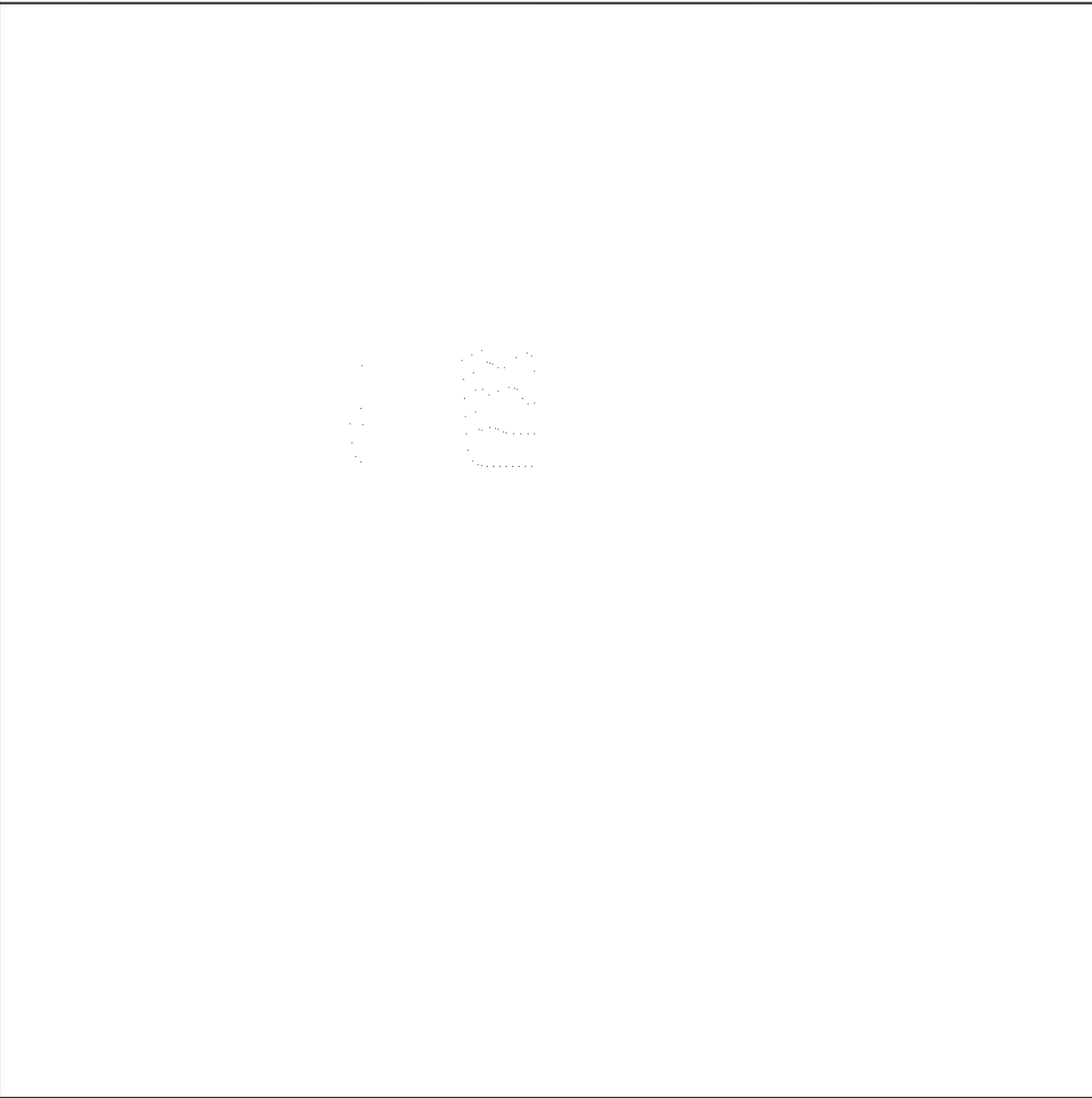
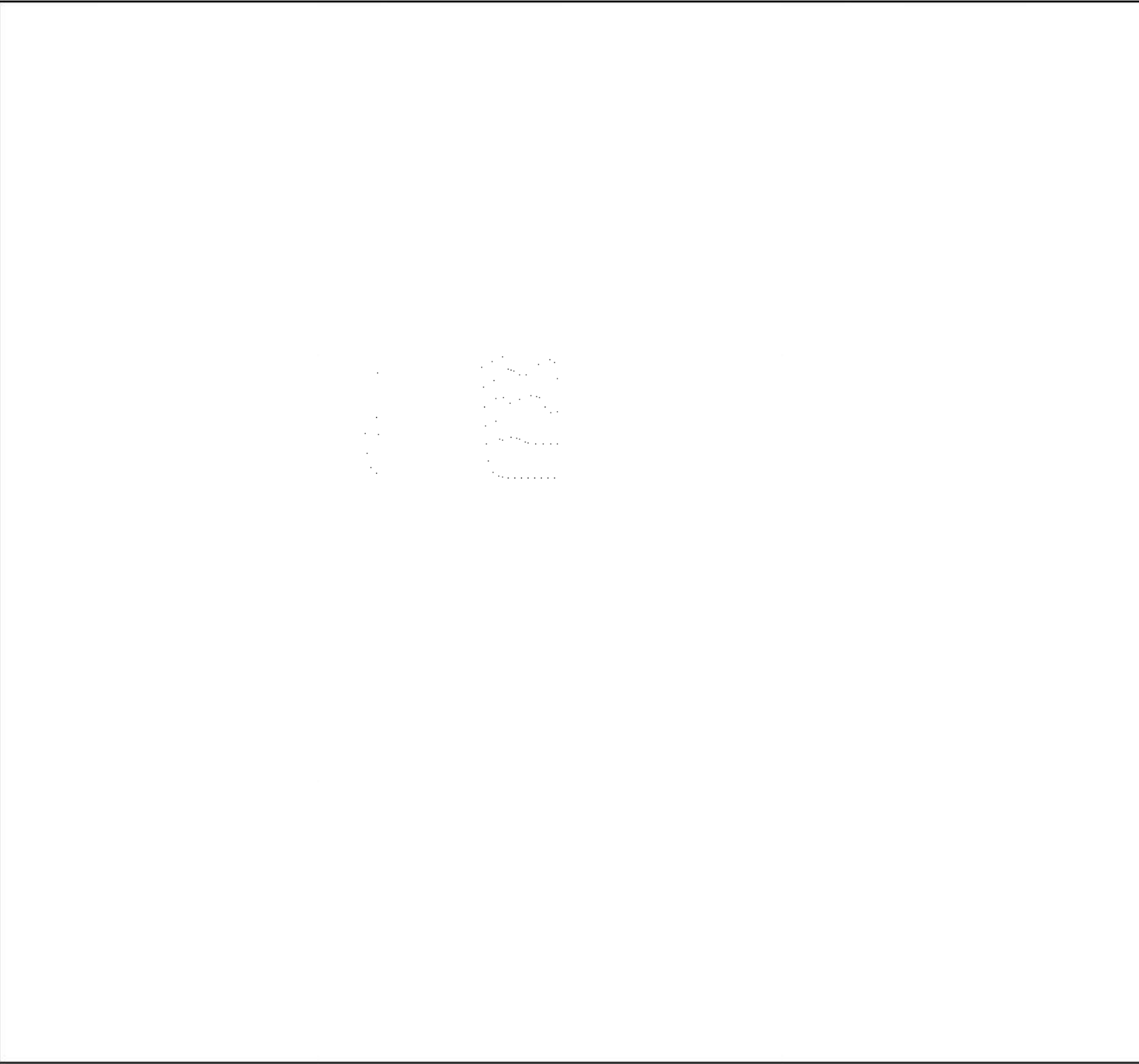




010 - SEPT 21 - 17_12 PM



011 - SEPT 21 - 17_48 PM



SITE LATITUDE: 43.554431

ASTRONOMIC NORTH:
DETERMINED FROM SURVEY

ORIGIN/SOURCE OF BASE PLAN:
SURVEY

LOCATIONS/USES OF AREAS NOT MEETING THE
SHADOW IMPACT CRITERIA:



1- RESIDENTIAL PRIVATE OUTDOOR AMENITY SPACES 7.5M BUFFER: SHADOW PERSISTS FOR MORE THAN 2 CONSECUTIVE HOURLY TEST TIMES (ON SEPT 21 AND JUNE 21).

QUANTIFICATION AND ASSESSMENT OF THE
IMPACT IN THE AREAS THAT DO NOT MEET THE
SHADOW IMPACT CRITERIA

1- AREA ALREADY SHADED BY EXISTING BUILDINGS

SUMMARY:

- THE SHADOW STUDY FOR 50 HIGH STREET E DEMONSTRATES FULL COMPLIANCE WITH THE CITY OF MISSISSAUGA'S SHADOW IMPACT CRITERIA. ADJACENT PRIVATE AMENITY SPACES, COMMUNAL AREAS, PUBLIC SIDEWALKS, PARKS, AND LOW-RISE RESIDENTIAL FAÇADES ALL MEET REQUIRED SUNLIGHT THRESHOLDS ON JUNE 21, SEPTEMBER 21, AND DECEMBER 21.
- TO MINIMIZE SHADOW IMPACTS, THE BUILDING DESIGN INCORPORATES UPPER-STOREY STEP-BACKS, REDUCED HEIGHTS NEAR SENSITIVE AREAS, AND OPTIMIZED MASSING TO PRESERVE SUN ACCESS FOR KEY OUTDOOR SPACES.

COLOR LEGEND	
	PROPOSED BUILDING SHADOW
	EXISTING BUILDING SHADOW
	LOW RISE BUILDING 3M BUFFER
	RESIDENTIAL PRIVATE OUTDOOR AMENITY SPACES 7.5M BUFFER



Chamberlain Architect
Services Limited
4871 Palladium Way (Unit 1)
Burlington, Ontario. L7M 0W9
CANADA
Phone: 905.631.7777
www.chamberlainIPD.com

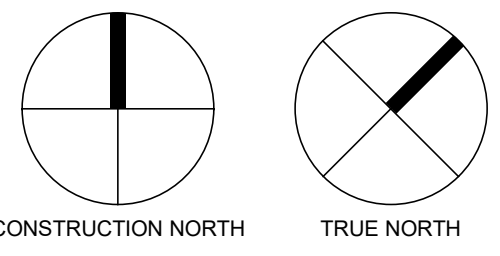
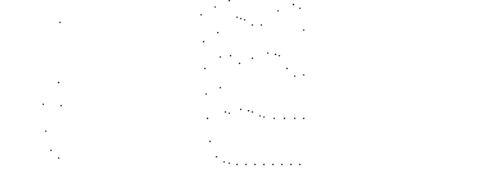
NO.	ISSUED	DATE
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DO NOT SCALE DRAWINGS. USE ONLY DRAWINGS MARKED "ISSUED FOR CONSTRUCTION". VERIFY CONFIGURATIONS AND DIMENSIONS ON SITE BEFORE BEGINNING WORK. NOTIFY ARCHITECT IMMEDIATELY OF ANY ERRORS, OMISSIONS OR DISCREPANCIES.

CHAMBERLAIN ARCHITECT SERVICES LIMITED AND CHAMBERLAIN CONSTRUCTION SERVICES LIMITED HAVE SIMILAR OWNERSHIP.

CHAMBERLAIN ARCHITECT SERVICES LIMITED HAS COPYRIGHT. CONSTRUCTING A SUBSTANTIALLY SIMILAR BUILDING WITHOUT PERMISSION MAY INFRINGE THE COPYRIGHT OWNERS RIGHTS. MAKING MINOR CHANGES TO PLANS DOES NOT NECESSARILY AVOID COPYRIGHT INFRINGEMENT. INNOCENT INFRINGEMENT IS NOT A DEFENSE TO COPYRIGHT INFRINGEMENT. ©

SEAL



50 High Street
Affordable

50 High Street E,
Mississauga

SHEET NAME

SHADOW STUDY -
SEPT 21

START DATE
April 2025

DRAWN BY
MK

CHECKED BY
SM

SCALE
As indicated

PROJECT NO.
125021

DRAWING

A.006

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