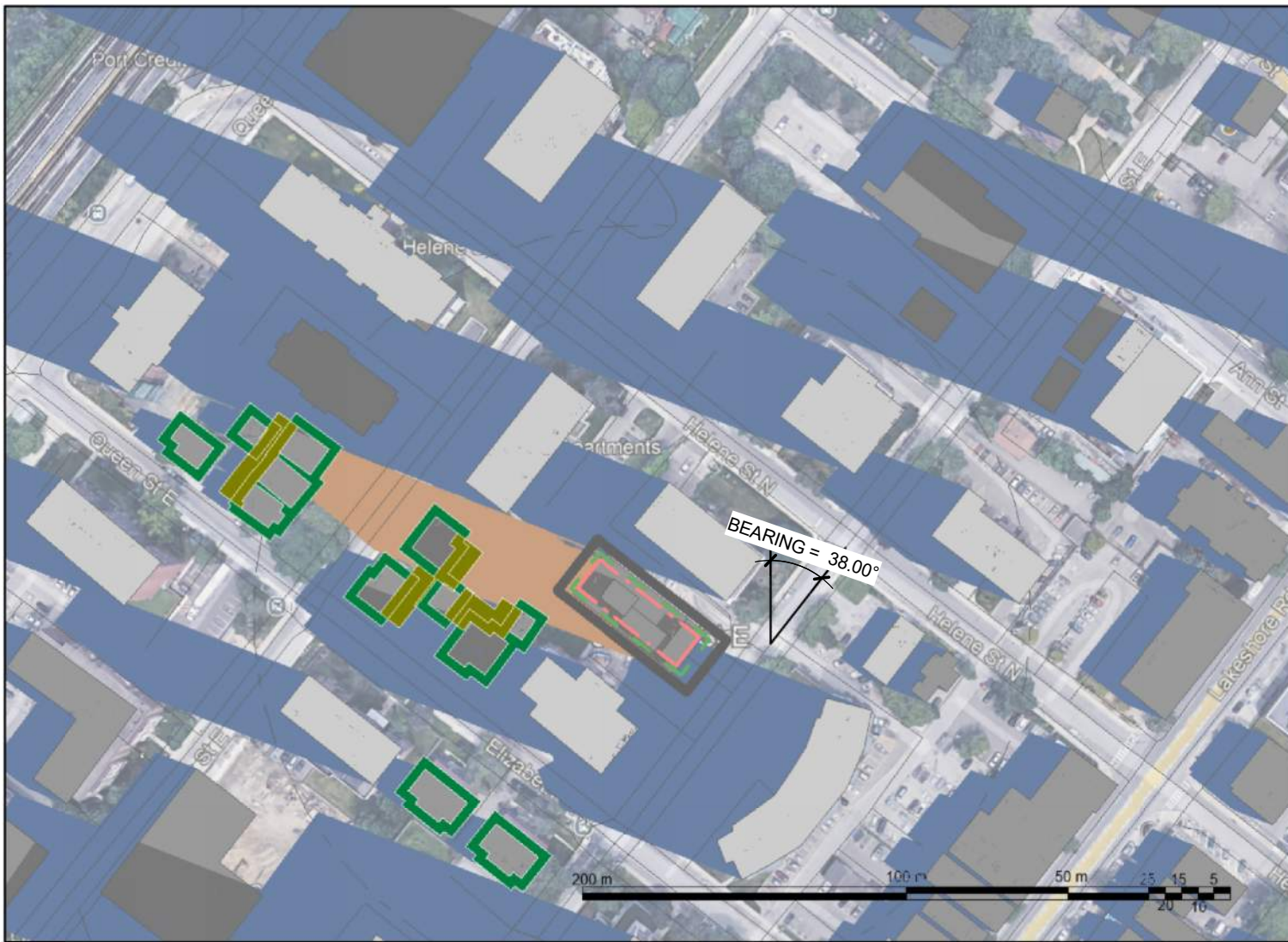
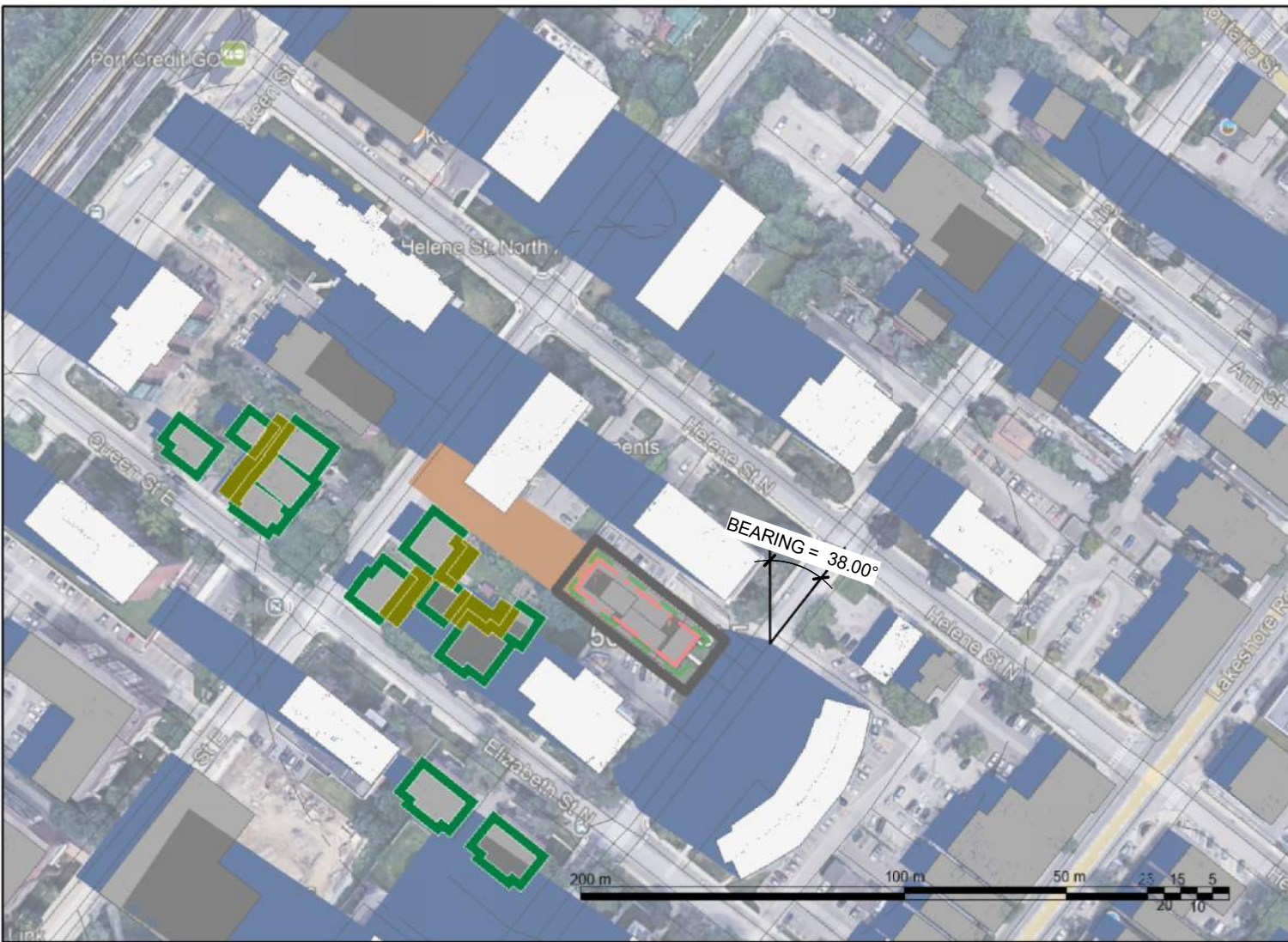


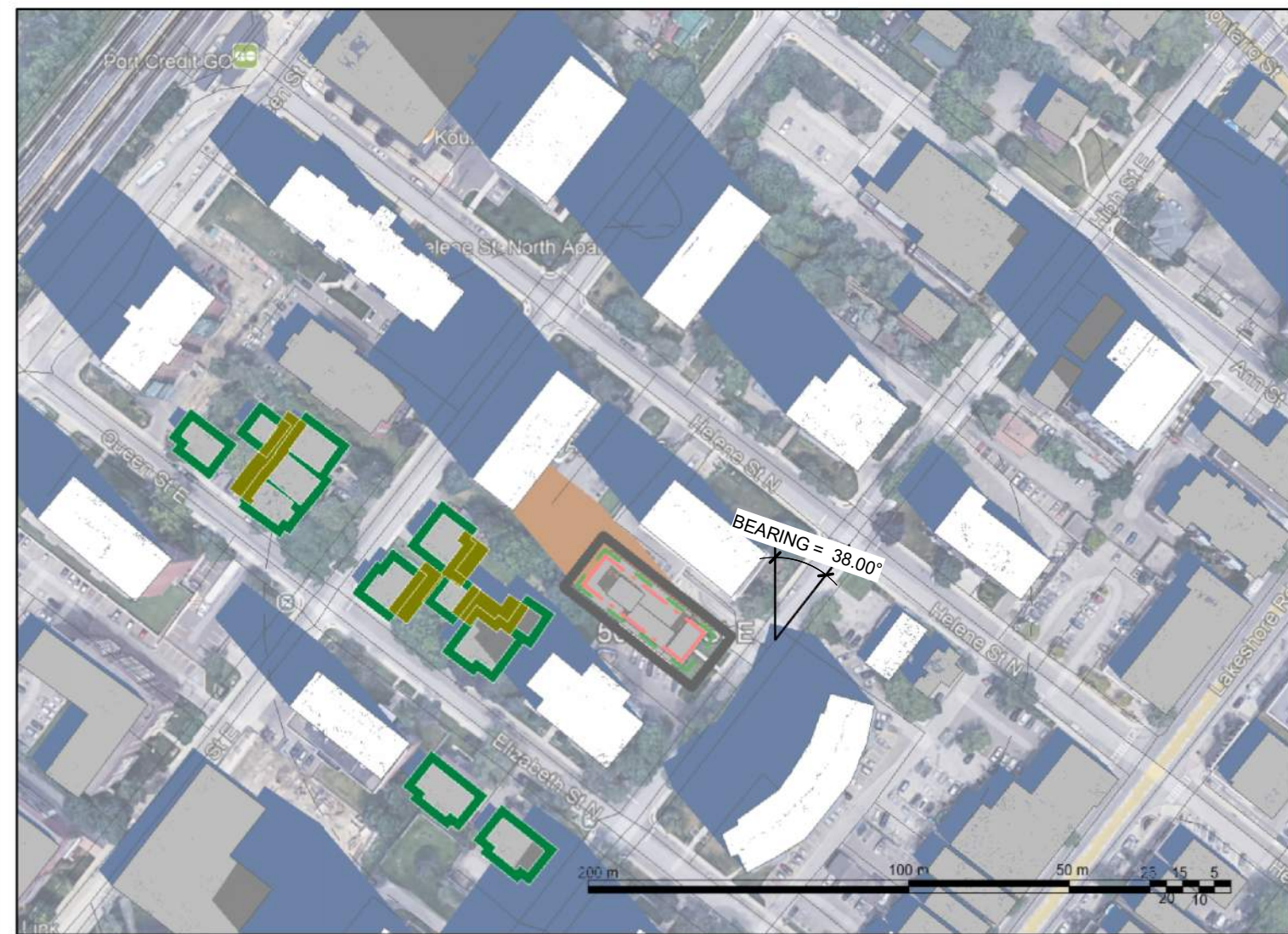
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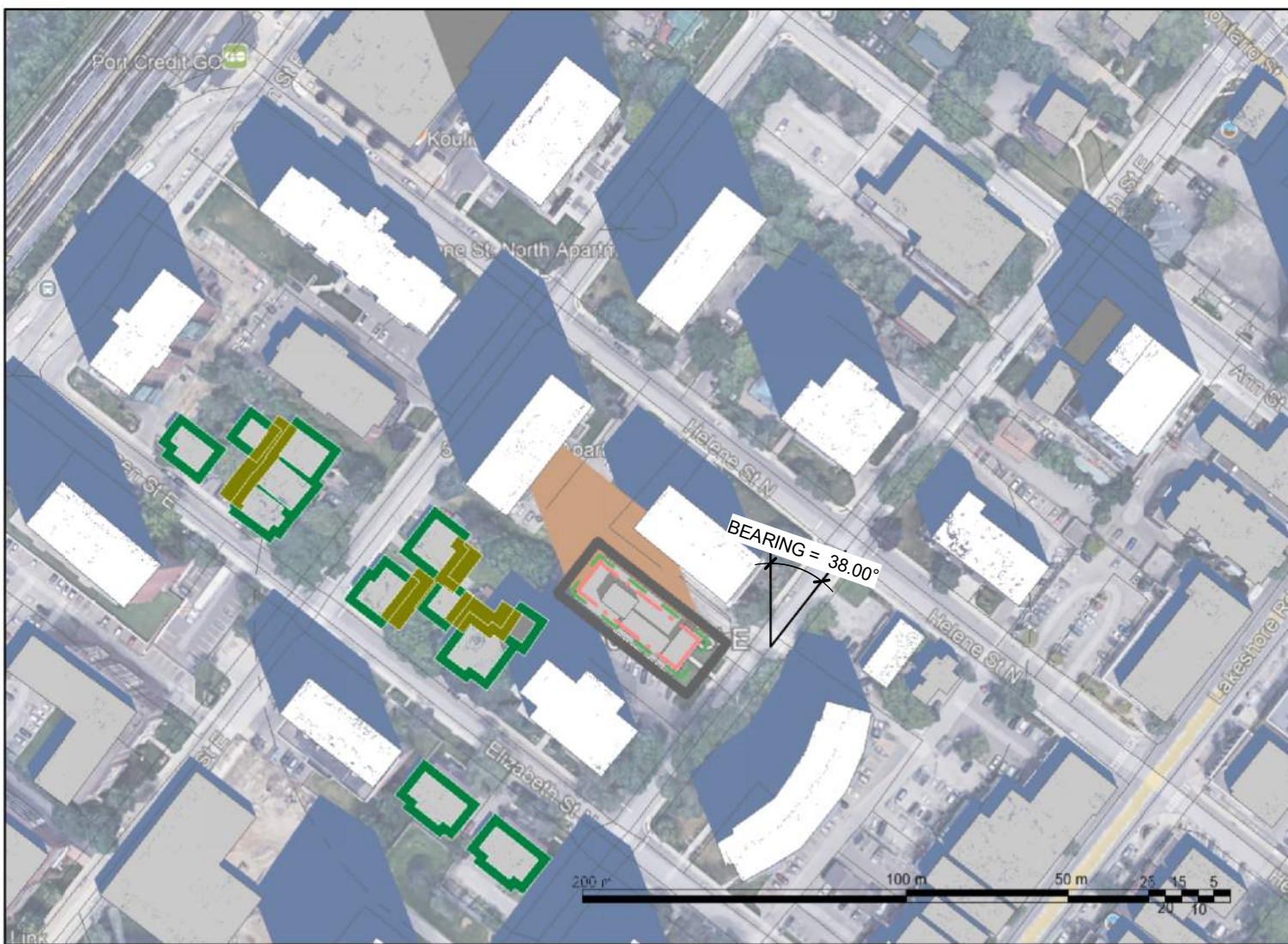
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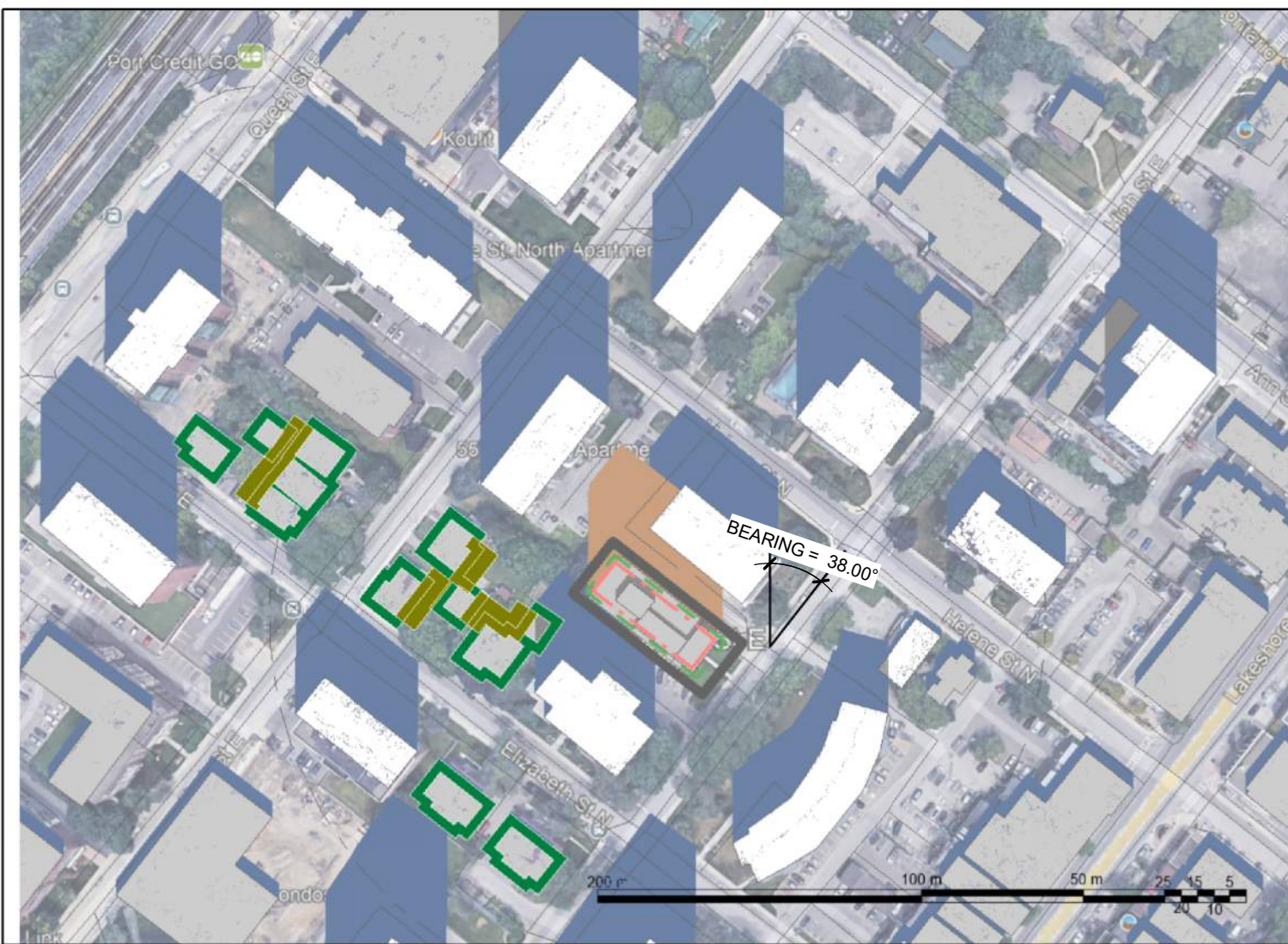
003 - SEPT 21 - 10_12 AM



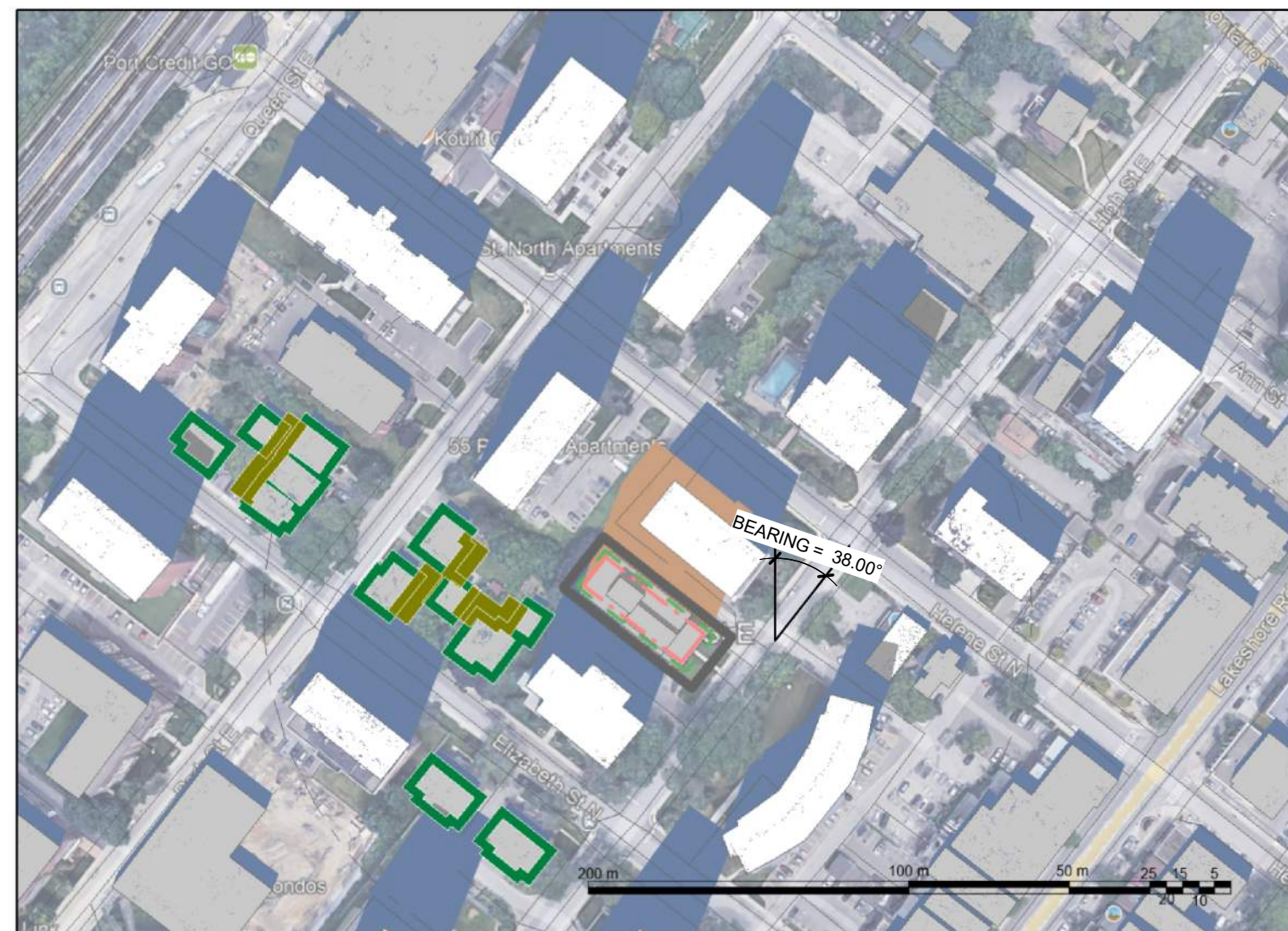
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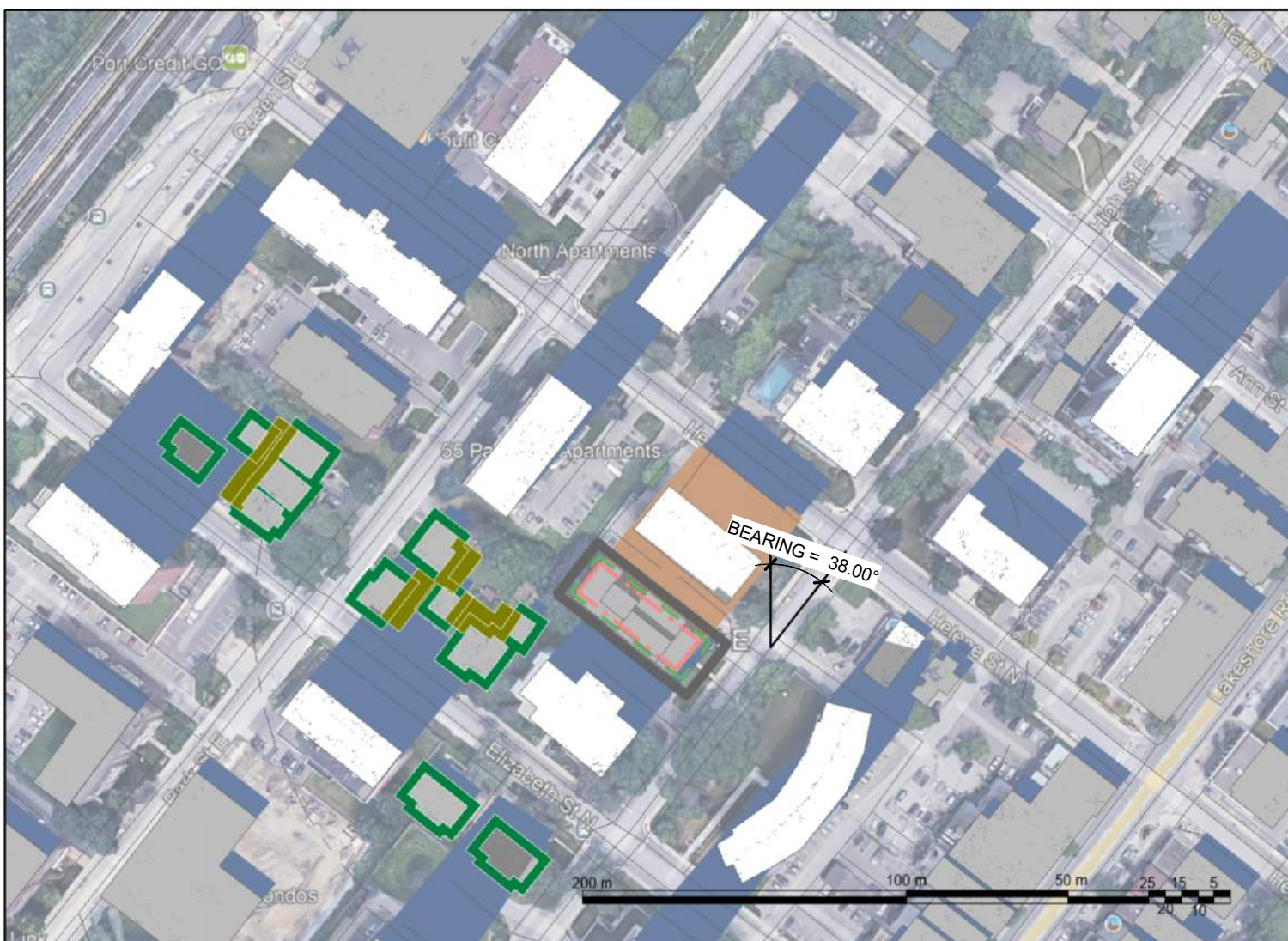
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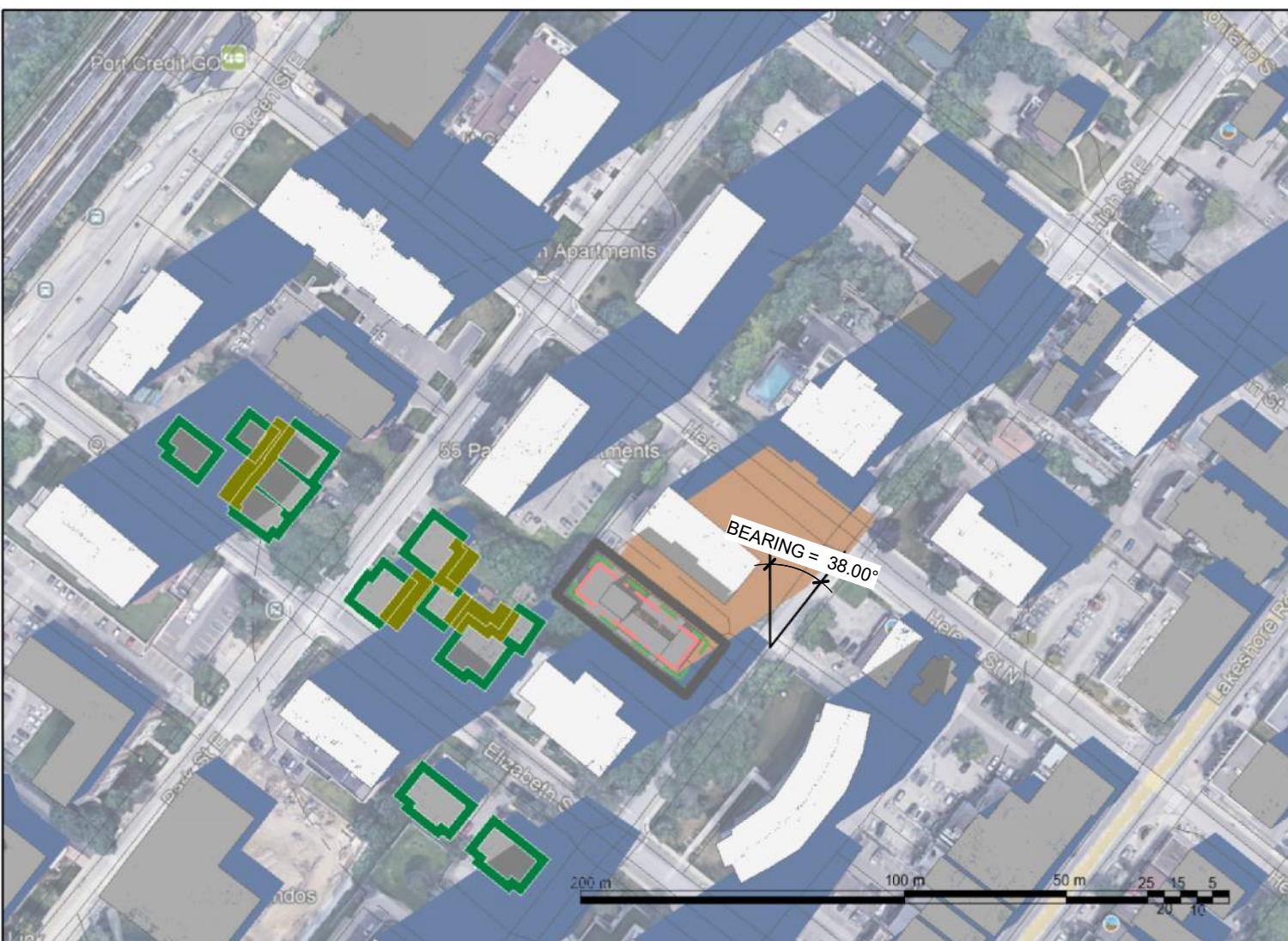
006 - SEPT 21 - 13_12 AM



007 - SEPT 21 - 14_12 PM



008 - SEPT 21 - 15_12 PM



009 - SEPT 21 - 16_12 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

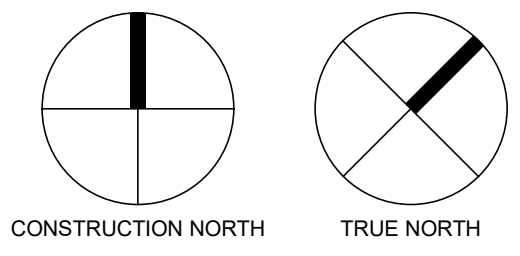
NO.	ISSUED	DATE
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DO NOT SCALE DRAWINGS. USE ONLY DRAWINGS
MARKED "ISSUED FOR CONSTRUCTION". VERIFY
CONFIGURATIONS AND DIMENSIONS ON SITE BEFORE
BEGINNING WORK. NOTIFY ARCHITECT IMMEDIATELY
OF ANY ERRORS, OMISSIONS OR DISCREPANCIES.

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.
INDICENT INFRINGEMENT IS NOT A DEFENSE TO
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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.005

C:\Users\mal\OneDrive - Chamberlain Group of Companies\Documents\125021 - 50 High Street Affordable - Current\Site 2025-07-22_mal\AUX1.rvt