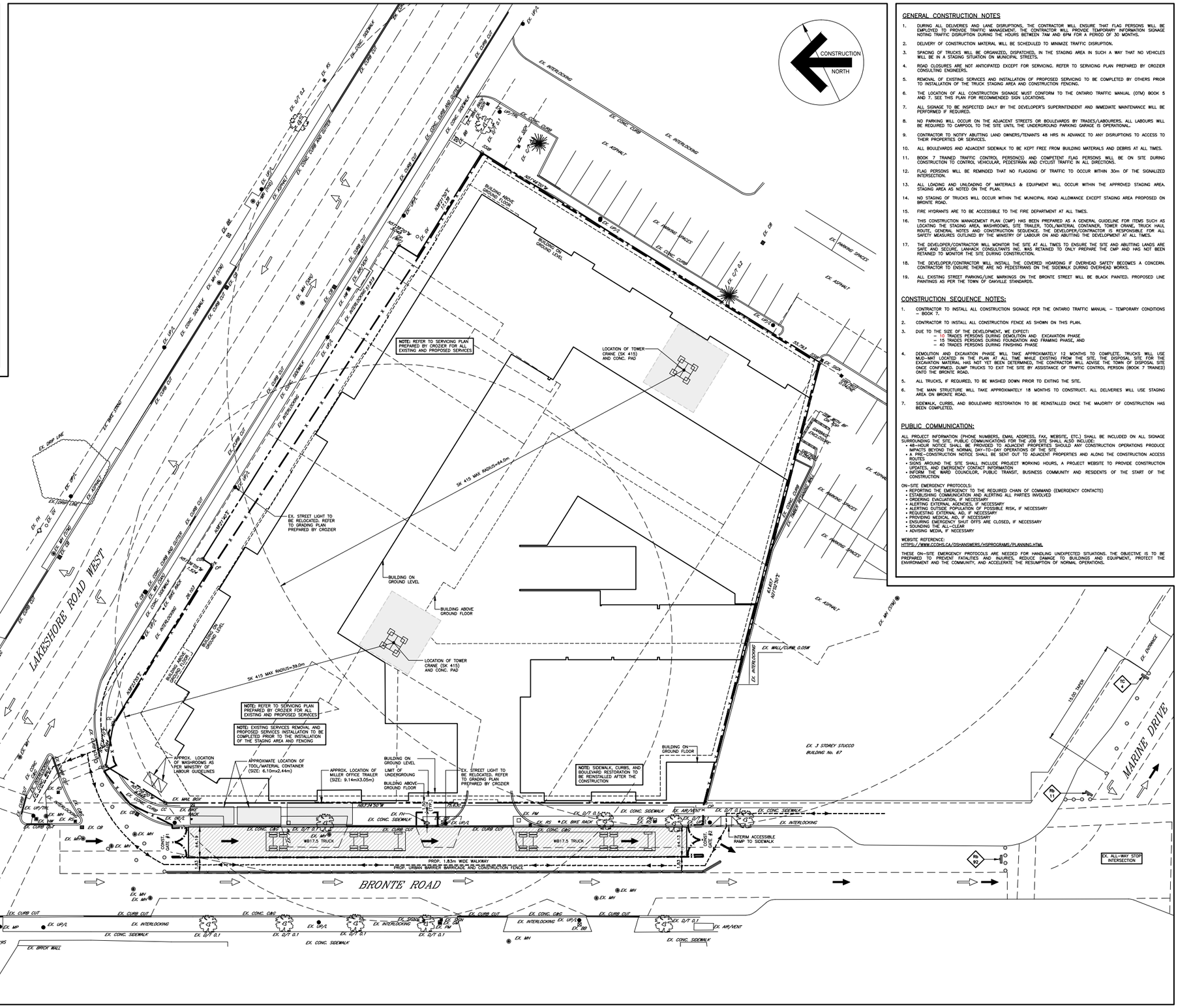
LEGEND

- TRUCK MOVEMENT ARROW
- TRAFFIC MOVEMENT ARROW
- TRAFFIC CONES
- PEDESTRIAN MOVEMENT ARROW
- PROPOSED TEMPORARY 1.8m HIGH CHAIN LINK CONSTRUCTION FENCE C/W HEAVY-DUTY SILT FENCE AS PER OPSD 219.130
- TEMPORARY TRUCK STAGING AREA
- TC 4 — RIGHT LANE CLOSRE ARROW SIGN **
- RB 11 — NO RIGHT TURN SIGN **
- RB 52 — ROAD CLOSED SIGN **

** NOTE: TRAFFIC SIGNAGE AS PER BOOK 5 & 7, ONTARIO TRAFFIC MANUAL

APPROX.	APPROXIMATE
HP	HYDRO POLE
CB	CATCH BASIN
FH	FIRE HYDRANT
EX.	EXISTING
BMH	BELL MANHOLE
HMH	HYDRO MANHOLE
STMMH	STORM MANHOLE
SNTMH	SANITARY MANHOLE
MH	MANHOLE
LS	LIGHT STANDARD
UP/L	UTILITY POLE
EJB	ELECTRICAL JUNCTION BOX
PM	PARKING METER
PROP.	PROPOSED
COMB.	COMBINED USED



1 / CM1-2 **Building Construction Stage - Construction and Traffic Management Plan** 1:250

GENERAL CONSTRUCTION NOTES

1. DURING ALL DELIVERIES AND LANE DISRUPTIONS, THE CONTRACTOR WILL ENSURE THAT FLAG PERSONS WILL BE EMPLOYED TO PROVIDE TRAFFIC MANAGEMENT. THE CONTRACTOR WILL PROVIDE TEMPORARY INFORMATION SIGNAGE NOTING TRAFFIC DISRUPTION DURING THE HOURS BETWEEN 7AM AND 6PM FOR A PERIOD OF 30 MONTHS.
2. DELIVERY OF CONSTRUCTION MATERIAL WILL BE SCHEDULED TO MINIMIZE TRAFFIC DISRUPTION.
3. SPACING OF TRUCKS WILL BE ORGANIZED, DISPATCHED, IN THE STAGING AREA IN SUCH A WAY THAT NO VEHICLES WILL BE IN A STAGING SITUATION ON MUNICIPAL STREETS.
4. ROAD CLOSURES ARE NOT ANTICIPATED EXCEPT FOR SERVICING. REFER TO SERVICING PLAN PREPARED BY CROZIER CONSULTING ENGINEERS.
5. REMOVAL OF EXISTING SERVICES AND INSTALLATION OF PROPOSED SERVICING TO BE COMPLETED BY OTHERS PRIOR TO INSTALLATION OF THE TRUCK STAGING AREA AND CONSTRUCTION FENCING.
6. THE LOCATION OF ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 5 AND 7. SEE THIS PLAN FOR RECOMMENDED SIGN LOCATIONS.
7. ALL SIGNAGE TO BE INSPECTED DAILY BY THE DEVELOPER'S SUPERINTENDENT AND IMMEDIATE MAINTENANCE WILL BE PERFORMED IF REQUIRED.
8. NO PARKING WILL OCCUR ON THE ADJACENT STREETS OR BOULEVARDS BY TRADES/LABOURERS. ALL LABOURS WILL BE REQUIRED TO CARPOOL TO THE SITE UNTIL THE UNDERGROUND PARKING GARAGE IS OPERATIONAL.
9. CONTRACTOR TO NOTIFY ABUTTING LAND OWNERS/TENANTS 48 HRS IN ADVANCE TO ANY DISRUPTIONS TO ACCESS TO THEIR PROPERTIES OR SERVICES.
10. ALL BOULEVARDS AND ADJACENT SIDEWALK TO BE KEPT FREE FROM BUILDING MATERIALS AND DEBRIS AT ALL TIMES.
11. BOOK 7 TRAINED TRAFFIC CONTROL PERSON(S) AND COMPETENT FLAG PERSONS WILL BE ON SITE DURING CONSTRUCTION TO CONTROL VEHICULAR, PEDESTRIAN AND CYCLIST TRAFFIC IN ALL DIRECTIONS.
12. FLAG PERSONS WILL BE REMINDED THAT NO FLAGGING OF TRAFFIC TO OCCUR WITHIN 30m OF THE SIGNALIZED INTERSECTION.
13. ALL LOADING AND UNLOADING OF MATERIALS & EQUIPMENT WILL OCCUR WITHIN THE APPROVED STAGING AREA. STAGING AREA AS NOTED ON THE PLAN.
14. NO STAGING OF TRUCKS WILL OCCUR WITHIN THE MUNICIPAL ROAD ALLOWANCE EXCEPT STAGING AREA PROPOSED ON BRONTE ROAD.
15. FIRE HYDRANTS ARE TO BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES.
16. THIS CONSTRUCTION MANAGEMENT PLAN (CMP) HAS BEEN PREPARED AS A GENERAL GUIDELINE FOR ITEMS SUCH AS LOCATING THE STAGING AREA, WASHROOMS, SITE TRAILER, TOOL/MATERIAL CONTAINER, TOWER CRANE, TRUCK HAUL ROUTE, GENERAL NOTES AND CONSTRUCTION SEQUENCE. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY MEASURES OUTLINED BY THE MINISTRY OF LABOUR ON AND ABUTTING THE DEVELOPMENT AT ALL TIMES.
17. THE DEVELOPER/CONTRACTOR WILL MONITOR THE SITE AT ALL TIMES TO ENSURE THE SITE AND ABUTTING LANDS ARE SAFE AND SECURE. LANHACK CONSULTANTS INC. WAS RETAINED TO ONLY PREPARE THE CMP AND HAS NOT BEEN RETAINED TO MONITOR THE SITE DURING CONSTRUCTION.
18. THE DEVELOPER/CONTRACTOR WILL INSTALL THE COVERED HOARDING IF OVERHEAD SAFETY BECOMES A CONCERN. CONTRACTOR TO ENSURE THERE ARE NO PEDESTRIANS ON THE SIDEWALK DURING OVERHEAD WORKS.
19. ALL EXISTING STREET PARKING/LINE MARKINGS ON THE BRONTE STREET WILL BE BLACK PAINTED. PROPOSED LINE PAINTINGS AS PER THE TOWN OF OAKVILLE STANDARDS.

CONSTRUCTION SEQUENCE NOTES:

1. CONTRACTOR TO INSTALL ALL CONSTRUCTION SIGNAGE PER THE ONTARIO TRAFFIC MANUAL – TEMPORARY CONDITIONS – BOOK 7.
2. CONTRACTOR TO INSTALL ALL CONSTRUCTION FENCE AS SHOWN ON THIS PLAN.
3. DUE TO THE SIZE OF THE DEVELOPMENT, WE EXPECT:
   - 10 TRADES PERSONS DURING DEMOLITION AND EXCAVATION PHASE
   - 15 TRADES PERSONS DURING FOUNDATION AND FRAMING PHASE, AND
   - 40 TRADES PERSONS DURING FINISHING PHASE
4. DEMOLITION AND EXCAVATION PHASE WILL TAKE APPROXIMATELY 12 MONTHS TO COMPLETE. TRUCKS WILL USE MUD-MAT LOCATED IN THE PLAN AT ALL TIME WHILE EXISTING FROM THE SITE. THE DISPOSAL SITE FOR THE EXCAVATION MATERIAL HAS NOT YET BEEN DETERMINED, THE CONTRACTOR WILL ADVISE THE TOWN OF DISPOSAL SITE ONCE CONFIRMED. DUMP TRUCKS TO EXIT THE SITE BY ASSISTANCE OF TRAFFIC CONTROL PERSON (BOOK 7 TRAINED) ONTO THE BRONTE ROAD.
5. ALL TRUCKS, IF REQUIRED, TO BE WASHED DOWN PRIOR TO EXITING THE SITE.
6. THE MAIN STRUCTURE WILL TAKE APPROXIMATELY 18 MONTHS TO CONSTRUCT. ALL DELIVERIES WILL USE STAGING AREA ON BRONTE ROAD.
7. SIDEWALK, CURBS, AND BOULEVARD RESTORATION TO BE REINSTALLED ONCE THE MAJORITY OF CONSTRUCTION HAS BEEN COMPLETED.

PUBLIC COMMUNICATION:

ALL PROJECT INFORMATION (PHONE NUMBERS, EMAIL ADDRESS, FAX, WEBSITE, ETC.) SHALL BE INCLUDED ON ALL SIGNAGE SURROUNDING THE SITE. PUBLIC COMMUNICATIONS FOR THE JOB SITE SHALL ALSO INCLUDE:

- 48-HOUR NOTICE SHALL BE PROVIDED TO ADJACENT PROPERTIES SHOULD ANY CONSTRUCTION OPERATIONS PRODUCE IMPACTS BEYOND THE NORMAL DAY-TO-DAY OPERATIONS OF THE SITE
- A PRE-CONSTRUCTION NOTICE SHALL BE SENT OUT TO ADJACENT PROPERTIES AND ALONG THE CONSTRUCTION ACCESS ROUTES.
- SIGNS AROUND THE SITE SHALL INCLUDE PROJECT WORKING HOURS, A PROJECT WEBSITE TO PROVIDE CONSTRUCTION UPDATES, AND EMERGENCY CONTACT INFORMATION
- INFORM THE WARD COUNCILOR, PUBLIC TRANSIT, BUSINESS COMMUNITY AND RESIDENTS OF THE START OF THE CONSTRUCTION

ON-SITE EMERGENCY PROTOCOLS:

- REPORTING THE EMERGENCY TO THE REQUIRED CHAIN OF COMMAND (EMERGENCY CONTACTS)
- ESTABLISHING COMMUNICATION AND ALERTING ALL PARTIES INVOLVED
- ORDERING EVACUATION, IF NECESSARY
- ALERTING EXTERNAL AGENCIES, IF NECESSARY
- ALERTING OUTSIDE POPULATION OF POSSIBLE RISK, IF NECESSARY
- REQUESTING EXTERNAL AID, IF NECESSARY
- PROVIDING MEDICAL AID, IF NECESSARY
- ENSURING EMERGENCY SHUT OFFS ARE CLOSED, IF NECESSARY
- SOUNDING THE ALL-CLEAR
- ADVISING MEDIA, IF NECESSARY

WEBSITE REFERENCE:
HTTPS://WWW.CCOHS.CA/OSHANSWERS/HSPROGRAMS/PLANNING.HTML

THESE ON-SITE EMERGENCY PROTOCOLS ARE NEEDED FOR HANDLING UNEXPECTED SITUATIONS. THE OBJECTIVE IS TO BE PREPARED TO PREVENT FATALITIES AND INJURIES, REDUCE DAMAGE TO BUILDINGS AND EQUIPMENT, PROTECT THE ENVIRONMENT AND THE COMMUNITY, AND ACCELERATE THE RESUMPTION OF NORMAL OPERATIONS.

Contractor must verify all dimensions on the Project Site and report any discrepancies before proceeding with the Work.

This drawing is a part of the Contract Documents and is to be read in conjunction with all other Contract Documents.

© COPYRIGHT – LANHACK Consultants Inc. All rights reserved.

SOURCE
EXISTING BOUNDARY SURVEY AND TOPOGRAPHICAL INFORMATION OBTAINED FROM SCHAEFFER DZALDOV BENNETT LTD. ON FEB 15, 2022 JOB. NO 18-200-01. DATED FEBRUARY 18, 2021.

THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

Revision Record

No.	Description	Date (m/d/y)
B	ISSUED AS PER CITY COMMENTS	11/01/23
A	ISSUED FOR SPA	09/01/22

Issue Record

No.	Description	Date (m/d/y)

LANHACK Consultants Inc.
Consulting Engineers
1709 Upper James Street
Hamilton, ON L9B 1K7
Tel: (905) 777-1454
Fax: (905) 336-8142

The Residences At Bronte Lakeside

85 BRONTE ROAD
OAKVILLE, ON L6L 3B7

Date:	MARCH 2022
Drawn By:	NDM
Chkd By:	SMP
Scale:	1 : 250

Construction and Traffic Management Plan

Project No.:	Drawing No.:	Rev.:
22049	CM1-2	B

Plot Date: 11/01/23
M:\2022\22049 – Lakeside Oakville, CMP\CM1\22049_CM01_Construction Management Planning