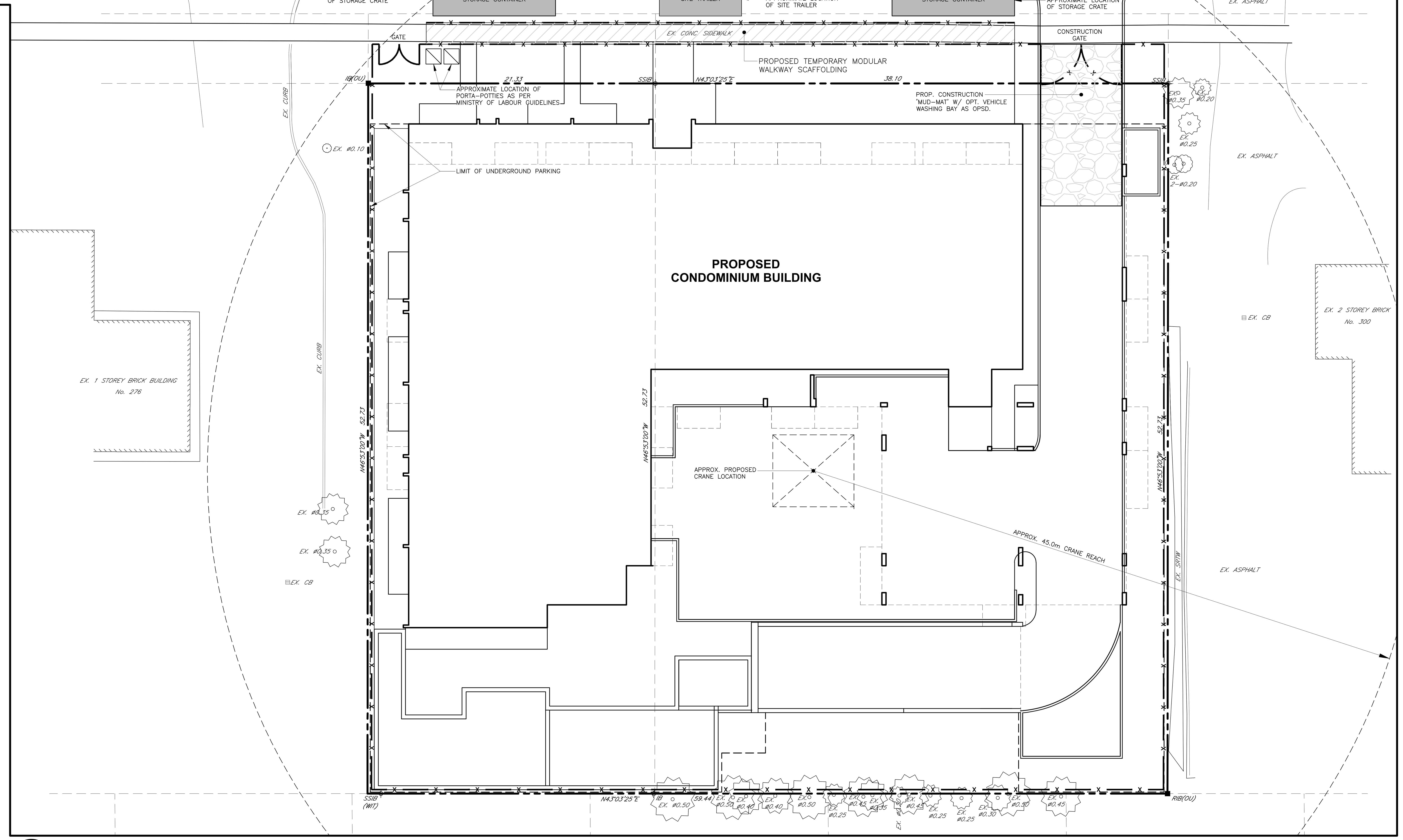
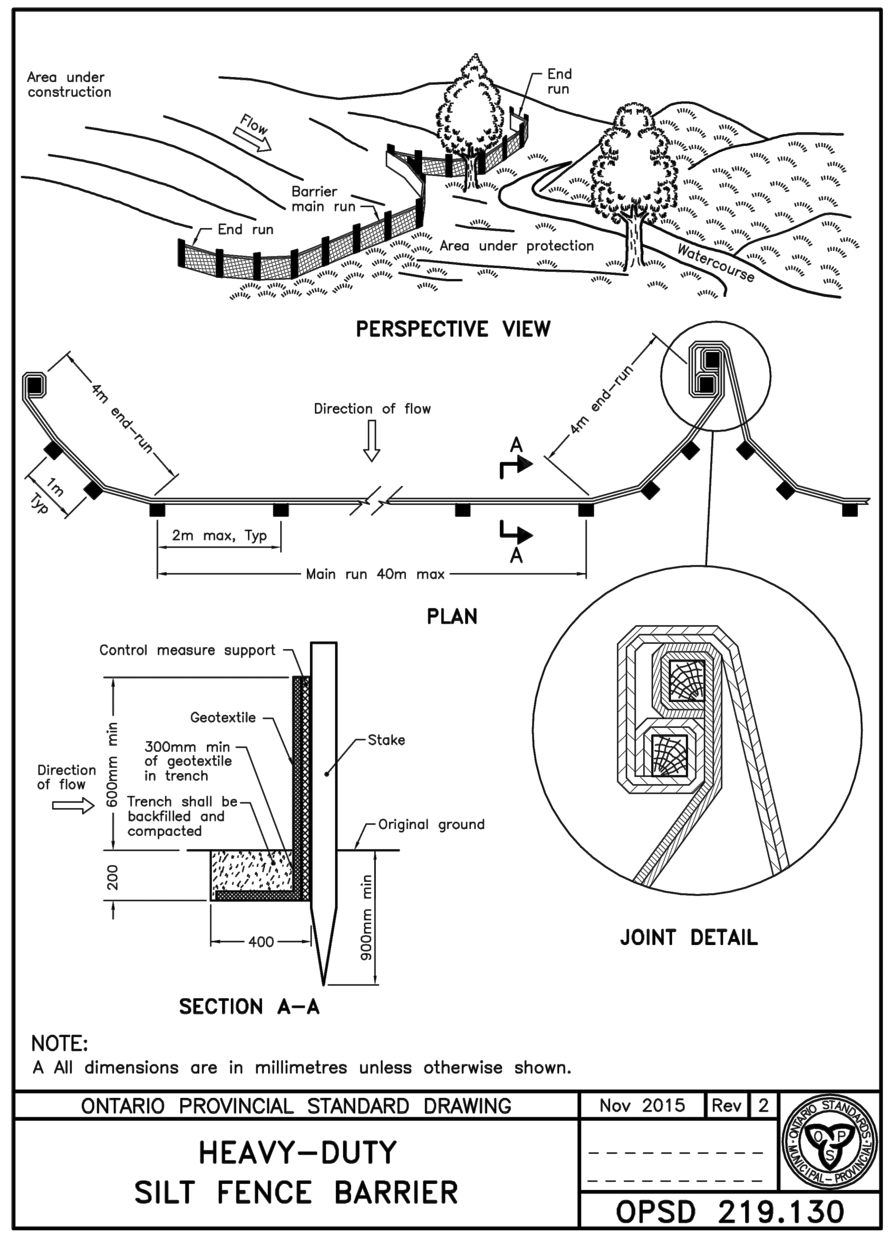




1 CONSTRUCTION MOBILITY MANAGEMENT PLAN
C1-1

1 : 200



2 Heavy-Duty Silt Fence Detail
C2-1

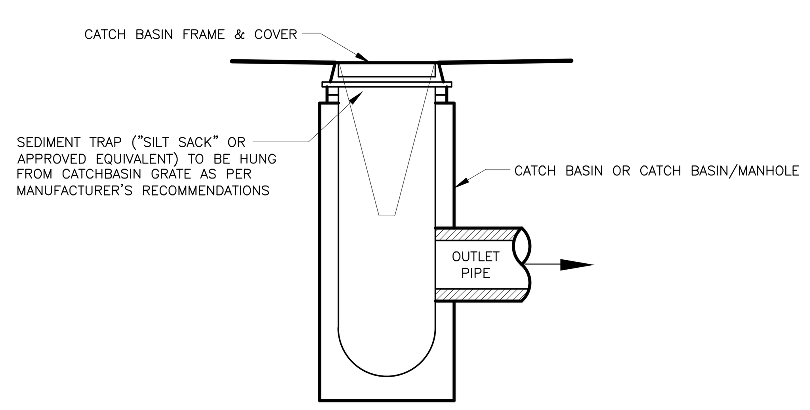
N.T.S.

PRIOR TO CONSTRUCTION

NOTE: a) CONTRACTOR TO INSTALL SILT SACKS ON ALL EXISTING CATCHBASINS ADJACENT TO THE SITE AND CONSTRUCTION AREA.

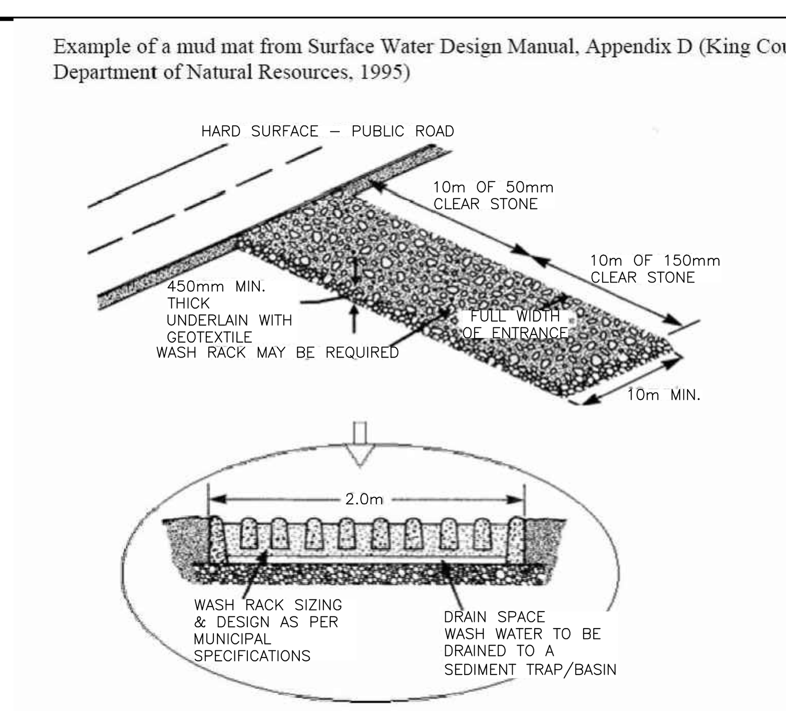
b) SILT SACKS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND EMPTIED FOLLOWING EVERY RAINFALL EVENT, IF REQUIRED.

c) CONTRACTOR SHALL REMOVE SILT SACKS FOLLOWING PLACEMENT OF BASE ASPHALT ONLY.



3 Silt Sack Sediment Control Detail
C2-1

N.T.S.



4 Construction Mud-Mat Tracking Control and Vehicle Washdown Area
C2-1

N.T.S.

LEGEND

TC 4	LANE CLOSURE ARROW SIGN
TC 3R	LANE CLOSED AHEAD SIGN
TC 2CA	ROAD WORK SIGN
— x — x —	PROPOSED TEMPORARY 1.8m HIGH CHAIN LINK CONSTRUCTION FENCE C/W HEAVY-DUTY SILT FENCE AS PER OPSD 219.130 AND WINDBREAK FABRIC
⇨	TRAFFIC MOVEMENT ARROW
APPROX.	APPROXIMATE
CB	CATCHBASIN
CONC.	CONCRETE
EX./EXIST.	EXISTING
PROP.	PROPOSED
SRTW	STONE RETAINING WALL
WP(H)LS	WOODEN POLE (HYDRO) WITH LIGHT STANDARD

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 20 MONTHS.
2. DELIVERY OF CONSTRUCTION MATERIAL WILL BE SCHEDULED TO MINIMIZE TRAFFIC DISRUPTION.
3. SPACING OF TRUCKS WILL BE ORGANIZED, DISPATCHED, IN SUCH A WAY THAT NO VEHICLES WILL BE IN A QUEUING SITUATION ON MUNICIPAL STREETS. WE HAVE PROVIDED 1 STAGING AREA ON PLAINS ROAD EAST, SEE PLAN ABOVE.
4. THE LOCATION OF ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 7. SEE THIS PLAN FOR RECOMMENDED SIGN LOCATIONS.
5. ALL SIGNAGE TO BE INSPECTED DAILY BY THE DEVELOPER'S SUPERINTENDENT AND IMMEDIATE MAINTENANCE WILL BE PERFORMED IF REQUIRED.
6. LOADING AND UNLOADING WILL OCCUR IN DESIGNATED STAGING AREA NOTED ON THE PLAN.
7. NO PARKING WILL OCCUR ON THE STREET OR BOULEVARD BY LABOURERS/ CONTRACTORS. LABOURERS WILL BE SHUTTLED IN UNTIL THE UNDERGROUND PARKING GARAGE IS OPERATIONAL.
8. CONTRACTOR TO NOTIFY ABUTTING LAND OWNERS/TENANTS 48 HRS IN ADVANCE TO ANY DISRUPTIONS TO ACCESS TO THEIR PROPERTIES OR SERVICES.
9. ALL BOULEVARDS TO BE KEPT FREE FROM BUILDING MATERIALS AND DEBRIS AT ALL TIMES UNLESS OTHERWISE NOTED. MATERIAL STORAGE TO BE WITHIN THE SITE.
10. BOOK 7 TRAINED CONTRACTOR AND COMPETENT FLAG PERSONS WILL BE ON SITE DURING CONSTRUCTION TO CONTROL VEHICULAR, PEDESTRIAN AND CYCLIST TRAFFIC IN ALL DIRECTIONS. FLAG PERSONS WILL BE REMINDED THAT NO FLAGGING OF TRAFFIC TO OCCUR WITHIN 30m OF THE SIGNALIZED INTERSECTION.
11. ALL SIDEWALKS AND LANES WILL BE OPEN TO THE PUBLIC. FLAG PERSONS WILL CONTROL THE MOVEMENT OF PEDESTRIANS AND VEHICLES AS REQUIRED FOR TRUCKS ENTERING THE STAGING AREA AND WHEN CRANE IS LIFTING MATERIAL OVER SIDEWALK.
12. FIRE HYDRANTS ARE TO BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES.
13. DUE TO LIMITED WORK SPACE ON SITE AND SAFETY CONCERNS, THE SIDEWALK WILL BE ENCLOSED.
14. THIS CONSTRUCTION MOBILITY MANAGEMENT PLAN (CMMP) HAS BEEN PREPARED AS A GENERAL GUIDELINE FOR ITEMS SUCH AS LOCATING THE STAGING AREA, WASHROOMS, SITE TRAILER, CRANE, TEMPORARY HYDRO FOR 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.
15. 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.
16. CRANE OPERATOR TO FOLLLOW OPERATING REGULATIONS, PROVIDED BY HYDRO, FOR LIFTING MATERIAL/EQUIPMENT OVER HYDRO WIRES.

CONSTRUCTION SEQUENCE NOTES:

1. CONTRACTOR TO INSTALL ALL CONSTRUCTION SIGNAGE PER THE ONTARIO TRAFFIC MANUAL – TEMPORARY CONDITIONS – BOOK 7.
2. CONTRACTOR TO INSTALL GATES AND ALL CONSTRUCTION FENCE WITH SILT FENCE AS SHOWN ON THIS PLAN.
3. CONSTRUCTION HOURS 7:00AM TO 6:00PM DAILY.
4. DUE TO THE SIZE OF THE DEVELOPMENT, WE EXPECT:
   – 10 TRADES PERSONS DURING INITIAL EXCAVATION PHASE
   – 20 TRADES PERSONS DURING STRUCTURAL PHASE, AND
   – 50 TRADES PERSONS DURING FINISHING PHASE
5. REFER TO SHORING PLANS PREPARED BY OTHERS FOR LOCATION AND LENGTH OF TIEBACKS (IF REQUIRED).
6. EXCAVATION PHASE WILL TAKE APPROXIMATELY 2–3 MONTHS TO COMPLETE. TRUCKS WILL ENTER AND EXIT SITE FROM CONSTRUCTION ACCESS (MUD-MAT). THE DISPOSAL SITE FOR THE EARTH MATERIAL HAS NOT YET BEEN DETERMINED, THE CONTRACTOR WILL ADVISE THE CITY OF DISPOSAL SITE ONCE CONFIRMED.
7. ONCE SITE IS EXCAVATED, THE CRANE WILL BE ERECTED. SEE PLAN FOR CRANE LOCATION. CRANE ASSEMBLY WILL BE APPROXIMATELY 2 DAYS FROM STAGING AREA.
8. ALL TRUCKS, IF REQUIRED, TO BE WASHED DOWN PRIOR TO EXITING THE SITE ON THE MUD MAT.
9. FROM FOOTING TO GRADE WILL TAKE 6–8 MONTHS. CONCRETE TRUCKS WILL BE UNLOADED FROM THE STAGING AREA.
10. THE MAIN STRUCTURES WILL TAKE APPROXIMATELY 8–12 MONTHS TO CONSTRUCT. ALL DELIVERIES WILL USE THE STAGING AREA.
11. SIDEWALK, CURBS, AND BOULEVARD RESTORATION TO BE REINSTALLED ONCE THE MAJORITY OF CONSTRUCTION HAS BEEN COMPLETED.
12. TEMPORARY BOULEVARD ENCROACHMENT ON PLAINS ROAD EAST IS REQUIRED FOR 2 STORAGE CONTAINERS AND THE SITE OFFICE. THE APPLICATION MUST BE APPLIED FOR A MINIMUM OF 5 DAYS PRIOR TO OCCUPANCY.
13. REFER TO CIVIL CONSULTANT PLANS FOR GRADING, SERVICING AND EROSION & SEDIMENT CONTROL.
14. REFER TO SITE PLAN FOR EXACT LIMITS OF THE UNDERGROUND PARKING GARAGE.

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.

CONSTRUCTION NORTH

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

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Revision Record

No.	Description	Date (m/d/y)
A	ISSUED FOR SPA	09/18/20

Issue Record

LICENSED PROFESSIONAL ENGINEER D.J. HACKING 09/18/20 PROVINCE OF ONTARIO

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

284 Plains Road Development Condominium Building

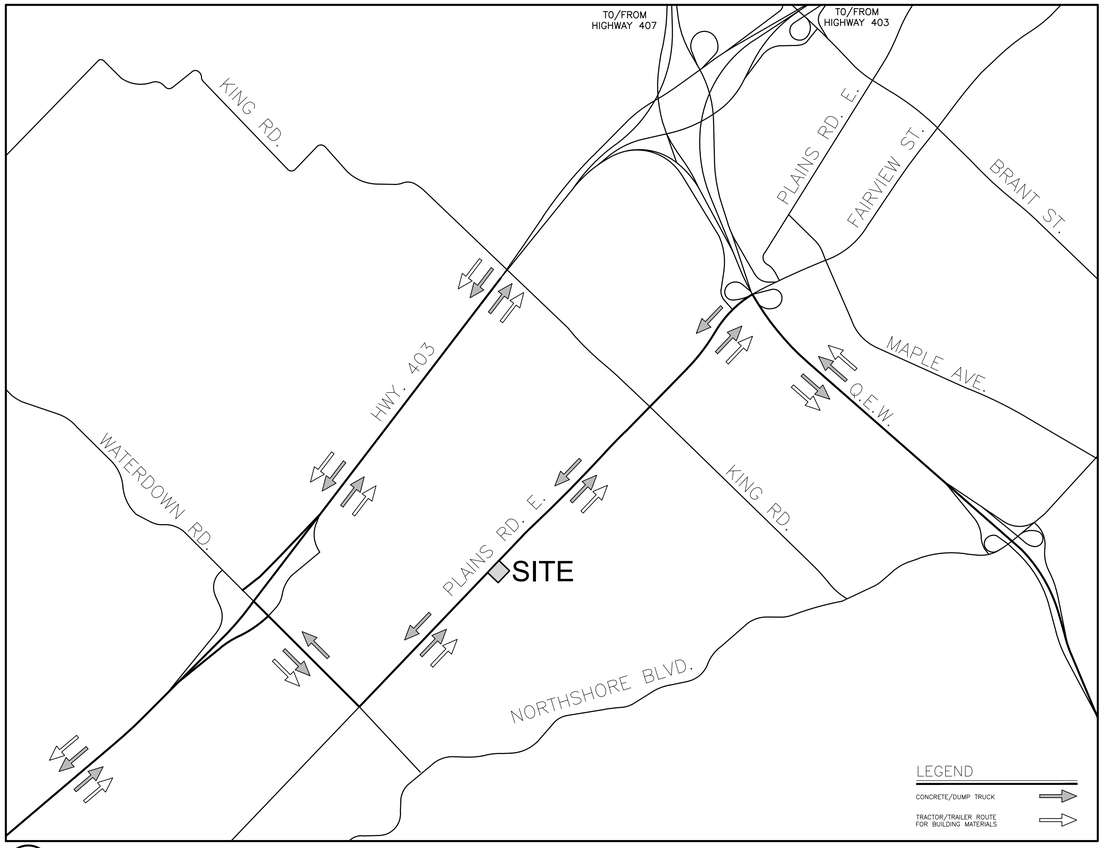
284 – 292 PLAINS ROAD EAST
BURLINGTON, ON

Date:	JULY 2020
Drawn By:	GRW
Chkd By:	SMP
Scale:	AS NOTED

Construction Mobility Management Plan

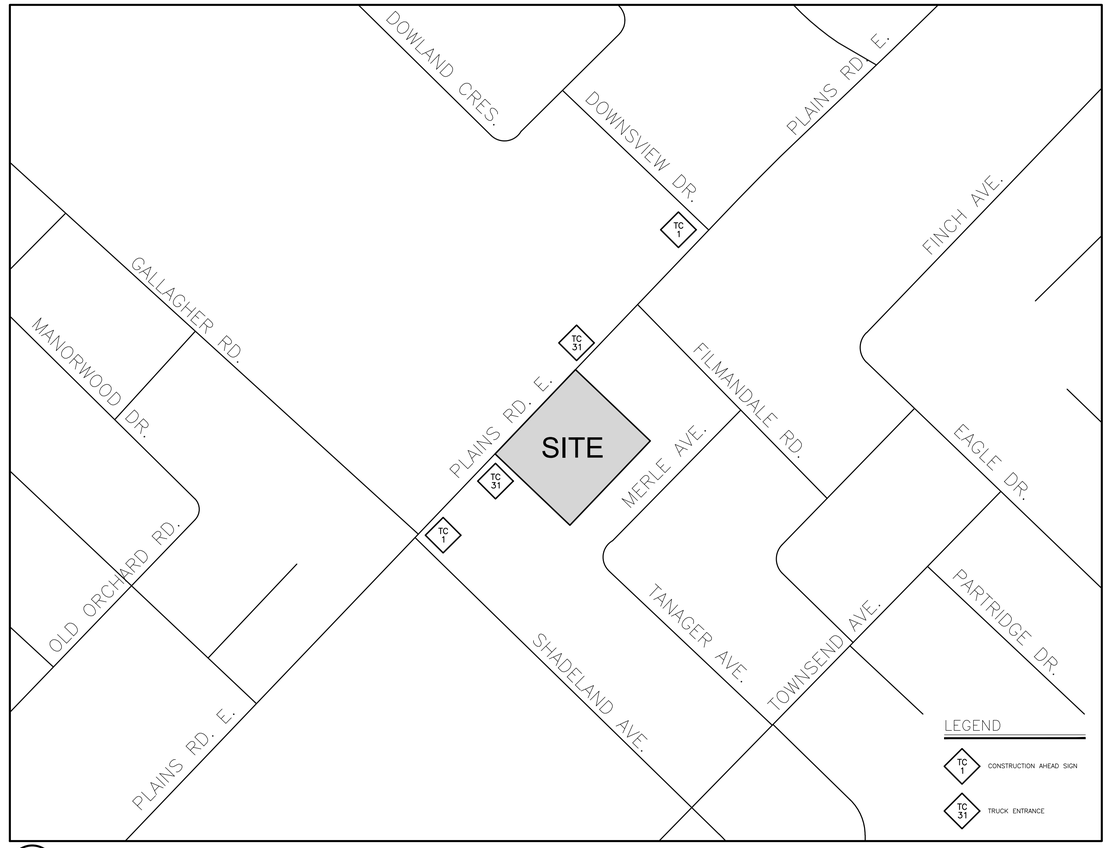
Project No.:	Drawing No.:	Rev.:
20088	C1-1	A

Plot Date: 09/17/20
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1 C2-1 Construction Route Key Map

N.T.S.



2 C2-1 Construction Signage Map

N.T.S.

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

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284 Plains Road Development Condominium Building

284 – 292 PLAINS ROAD EAST
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Construction Route and Signage Maps

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Plot Date: 09/17/20
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