LEGEND

- TRUCK MOVEMENT ARROW
- TRAFFIC MOVEMENT ARROW
- PROPOSED TEMPORARY 1.8m HIGH CHAIN LINK CONSTRUCTION FENCE C/W HEAVY-DUTY SILT FENCE AS PER OPSD 219.130
- EXISTING TREE/SHRUB TO BE REMOVED
- TC-1 — CONSTRUCTION AHEAD SIGN ROAD WORK SIGN
- TC-21 — TRUCK ENTRANCE SIGN

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

CONSTRUCTION NORTH

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.
5. THE LOCATION OF ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 7. SEE THIS PLAN FOR RECOMMENDED SIGN LOCATIONS.
6. ALL SIGNAGE TO BE INSPECTED DAILY BY THE DEVELOPER'S SUPERINTENDENT AND IMMEDIATE MAINTENANCE WILL BE PERFORMED IF REQUIRED.
7. NO PARKING WILL OCCUR ON THE ADJACENT STREETS OR BOULEVARDS BY TRADES/LABOURERS. LABOURS WILL BE ENCOURAGED TO CARPOOL TO THE SITE
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 AND ADJACENT SIDEWALK TO BE KEPT FREE FROM BUILDING MATERIALS AND DEBRIS AT ALL TIMES.
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.
11. FLAG PERSONS WILL BE REMINDED THAT NO FLAGGING OF TRAFFIC TO OCCUR WITHIN 30m OF THE SIGNALIZED INTERSECTION.
12. ALL LOADING AND UNLOADING OF MATERIALS & EQUIPMENT WILL OCCUR WITHIN THE PROPOSED STAGING AREA. STAGING AREA AS NOTED ON THE PLAN.
13. NO STAGING OF TRUCKS WILL OCCUR WITHIN THE MUNICIPAL ROAD ALLOWANCE.
14. FIRE HYDRANTS ARE TO BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES.
15. THIS CONSTRUCTION MANAGEMENT PLAN (CMP) HAS BEEN PREPARED AS A GENERAL GUIDELINE FOR ITEMS SUCH AS LOCATING THE STAGING AREA, WASHROOMS, SITE TRAILER, 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.
16. 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.
17. 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.
18. THE CONSTRUCTION OF PROPOSED SITE WILL BE COMPLETED IN THREE (3) STAGES AS BELOW.

STAGE-1: DEMOLITION AND REMOVAL OF EXISTING BUILDING FOR SITE DEVELOPMENT.
STAGE-2: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE.
STAGE-3: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE FOR REMAINING AREA AND CONSTRUCTION OF BUILDINGS.

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 5 MONTHS TO COMPLETE. 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 SITE BY ASSISTANCE OF TRAFFIC CONTROL PERSON (BOOK 7 TRAINED) ONTO THE DOWNSVIEW DR.
5. ALL TRUCKS, IF REQUIRED, TO BE WASHED DOWN PRIOR TO EXITING THE SITE.
6. ALL CONCRETE TRUCKS AND OTHER CONSTRUCTION VEHICLES WILL BE REQUIRED TO PULLED INTO THE STAGING AREA TO UNLOAD THE CONSTRUCTION MATERIAL WITHIN THE SITE.
7. THE MAIN STRUCTURE WILL TAKE APPROXIMATELY 20 MONTHS TO CONSTRUCT. THE FINISHING PHASE WILL TAKE APPROXIMATELY 11 MONTHS TO COMPLETE.
8. 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:

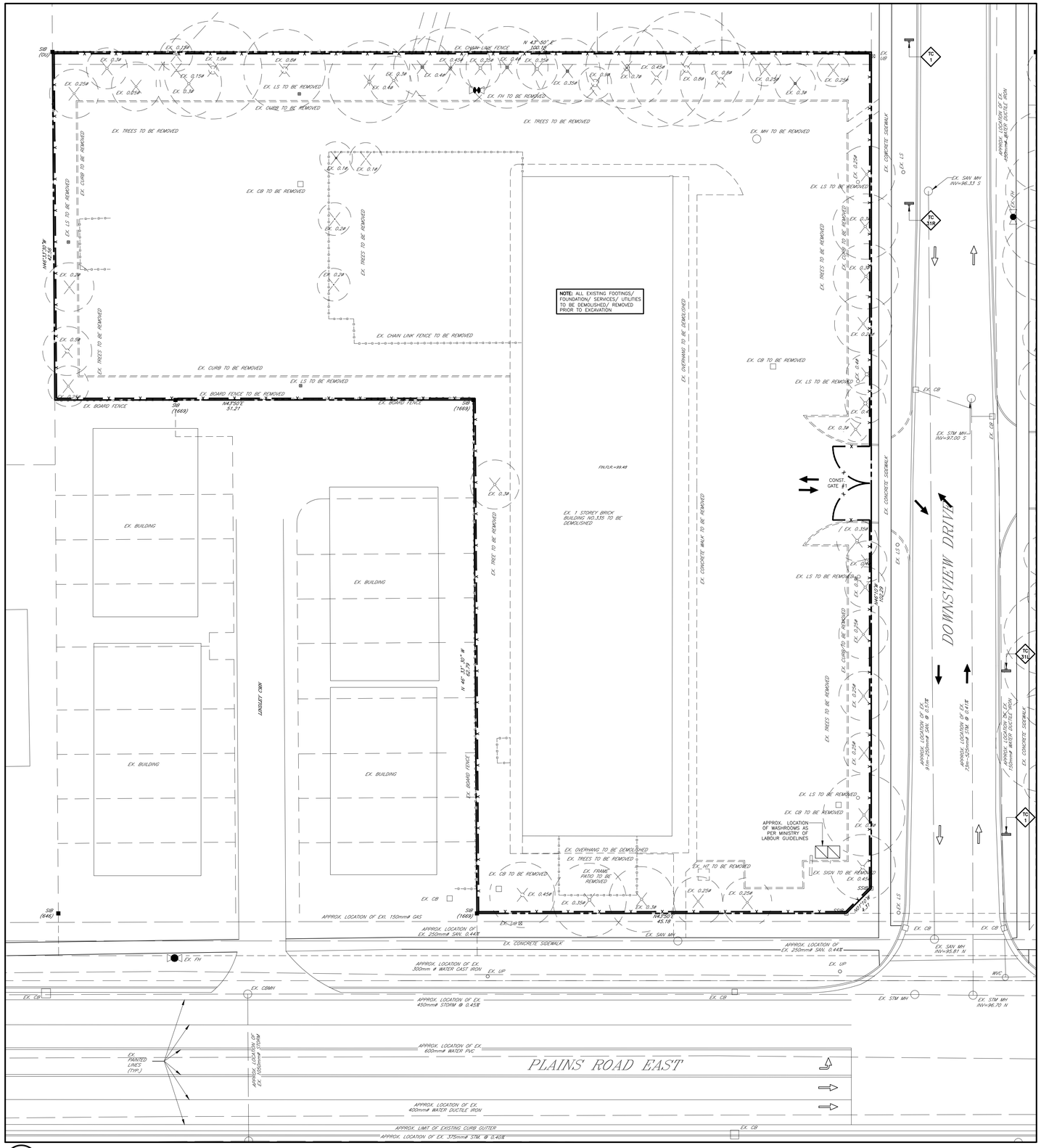
- 48-HOUR NOTICE SHALL BE PROVIDED TO ADJACENT PROPERTIES SHOULD ANY CONSTRUCTION OPERATIONS PRODUCE IMPACTS BEYOND THE NORMAL DAY-TO-DAY OPERATIONS OF THE SITE
- A PRE-CONSTRUCTION NOTICE SHALL BE SENT OUT TO ADJACENT PROPERTIES AND ALONG THE CONSTRUCTION ACCESS ROUTES
- SIGNS AROUND THE SITE SHALL 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

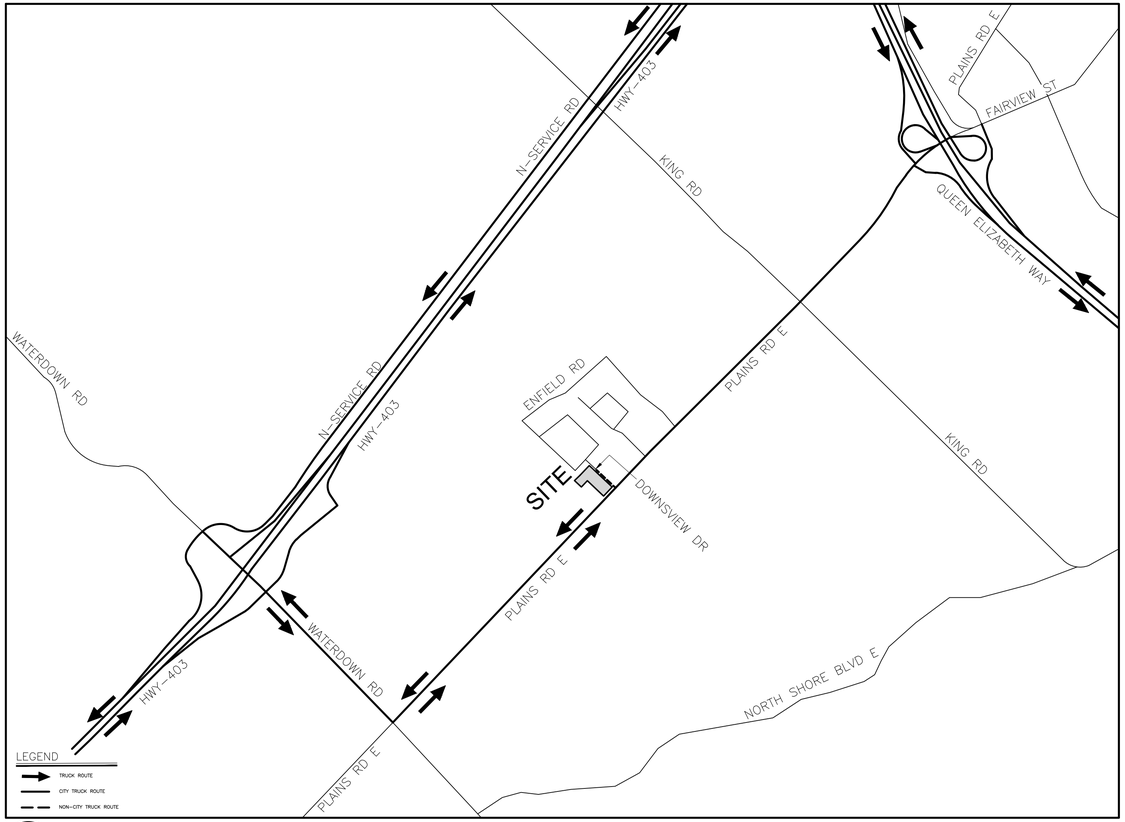
ON-SITE EMERGENCY PROTOCOLS:

- 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

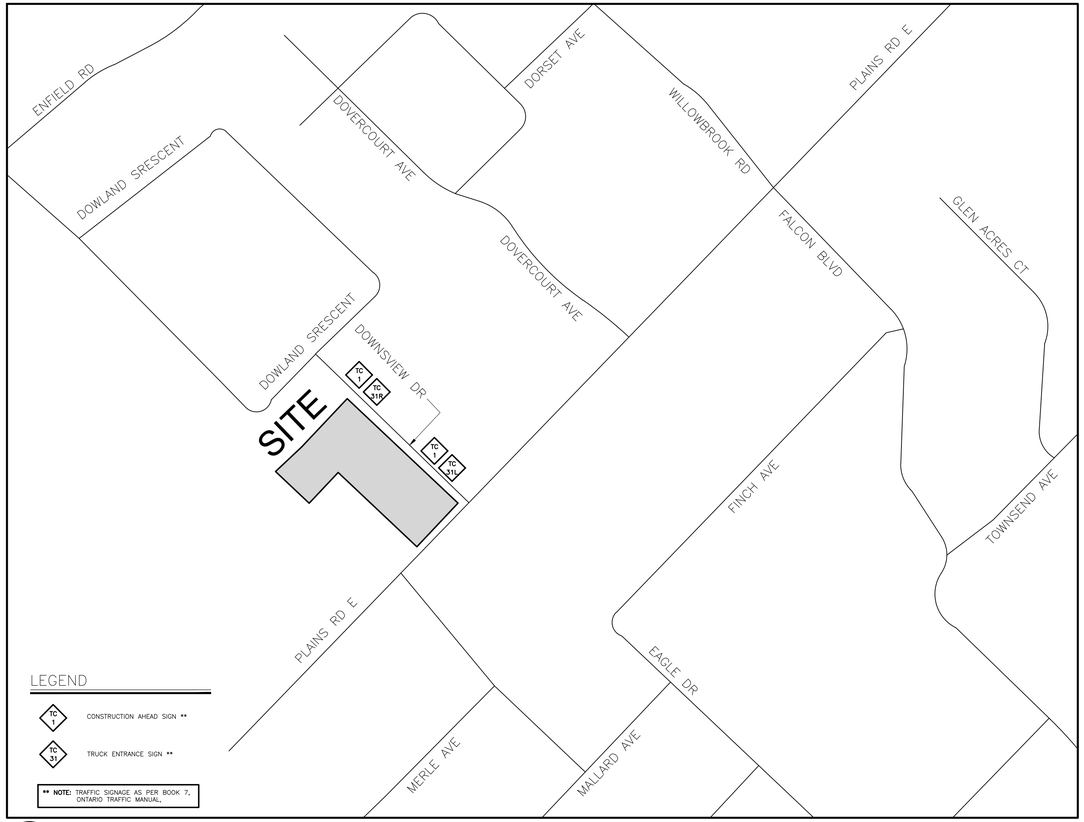
THESE ON-SITE EMERGENCY PROTOCOLS ARE NEEDED FOR HANDLING UNEXPECTED SITUATIONS. THE OBJECTIVE IS TO BE PREPARED TO PREVENT FATALITIES AND INJURIES, REDUCE DAMAGE TO BUILDINGS AND EQUIPMENT, PROTECT THE ENVIRONMENT AND THE COMMUNITY, AND ACCELERATE THE RESUMPTION OF NORMAL OPERATIONS.


EX. CHAIN LINK FENCE
N 43°50'E 100.76
EX. FH TO BE REMOVED
EX. TREES TO BE REMOVED
EX. MH TO BE REMOVED
EX. CURB TO BE REMOVED
EX. LS TO BE REMOVED
EX. CB TO BE REMOVED
EX. CHAIN LINK FENCE TO BE REMOVED
EX. BOARD FENCE TO BE REMOVED
EX. BOARD FENCE
NOTE: ALL EXISTING FOOTINGS/ FOUNDATION/ SERVICES/ UTILITIES TO BE DEMOLISHED/ REMOVED PRIOR TO EXCAVATION
EX. OVERHANG TO BE DEMOLISHED
EX. 1 STOREY BRICK BUILDING AD.135 TO BE DEMOLISHED
EX. CONCRETE WALK TO BE REMOVED
EX. CONCRETE SIDEWALK
EX. BUILDING
EX. BUILDING
EX. BUILDING
LINDSAY CRES
EX. TREE TO BE REMOVED
EX. FRAME PATIO TO BE REMOVED
EX. SIGN TO BE REMOVED
EX. HT TO BE REMOVED
APPROX. LOCATION OF WASHROOMS AS PER MINISTRY OF LABOUR GUIDELINES
CONST. GATE #1
CONST. GATE #2
EX. SAN MH INV=96.33 S
EX. STM MH INV=97.00 S
EX. SAN MH INV=95.81 N
EX. STM MH INV=96.70 N
APPROX. LOCATION OF EX. 910m-250mmø SAN. @ 0.5%
APPROX. LOCATION OF EX. 25m-525mmø STM. @ 0.41%
APPROX. LOCATION OF EX. 150mmø WATER DUCTILE IRON
APPROX. LOCATION OF EX. 250mmø SAN. @ 0.44%
APPROX. LOCATION OF EX. 300mm ø WATER CAST IRON
APPROX. LOCATION OF EX. 450mmø STORM @ 0.45%
APPROX. LOCATION OF EX. 600mmø WATER PVC
APPROX. LOCATION OF EX. 400mmø WATER DUCTILE IRON
APPROX. LOCATION OF EX. 1050mmø STORM
APPROX. LIMIT OF EXISTING CURB GUTTER
APPROX. LOCATION OF EX. 375mmø STM. @ 0.40%
APPROX. LOCATION OF Ex. 150mmø GAS
EX. FH
EX. CBMH
EX. UP
EX. SIGN
EX. PAINTED LINES (TYP.)
PLAINS ROAD EAST
DOWNSVIEW DRIVE
EX. CONCRETE SIDEWALK
EX. CURB TO BE REMOVED
EX. TREES TO BE REMOVED
EX. LS TO BE REMOVED
EX. CB TO BE REMOVED
EX. CB
EX. SAN MH
EX. UP
EX. STM MH
WVC
EX. 1.0M
EX. 0.15M
EX. 0.8M
EX. 0.4M
EX. 0.35M
EX. 0.45M
EX. 0.7M
EX. 0.25M
EX. 0.3M
EX. 0.85M
EX. 0.2M
EX. 0.5M
EX. 0.1M
EX. 0.24M
EX. 0.54M
EX. 0.44M
EX. 0.45M
EX. 0.35M
EX. 0.25M
EX. 0.54M
EX. 0.4M
EX. 0.3M
EX. 0.34M
EX. 0.44M
EX. 0.54M
EX. 0.34M
EX. 0.4M
EX. 0.3M
EX. 0.34M
EX. 0.4M
EX. 0.3M
EX. 0.34M
EX. 0.4M
EX. 0.3



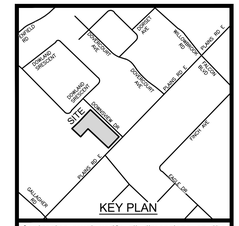
1 CM2-1 **Construction Truck Route Map**

N.T.S



2 CM2-1 **Construction Signage Map**

N.T.S



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

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 B.A. JACOBS SURVEYING LTD., JOB NO – 13s86–T(NB), DATED – DECEMBER 03, 2013

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)
A	ISSUED FOR ZBA APPLICATION	05/19/22

No.	Description	Date (m/d/y)

Issue Record

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

Proposed Residential Development

1010 DOWNSVIEW DRIVE
BURLINGTON, ON

Date:	May 2022
Drawn By:	NDM
Chkd By:	SMP
Scale:	N.T.S

Construction Truck Route and Signage Map

Project No.:	Drawing No.:	Rev.:
22041	CM2-1	A

Plot Date: 05/19/22
M:\2022\22041 – 335 Plains Road, Caledaro\Cad\22041 _CM01_Construction Management Plan.dwg

LEGEND

- TRUCK MOVEMENT ARROW (EXITING FROM THE SITE)
- TRUCK MOVEMENT ARROW (ENTERING TO THE SITE)
- TRAFFIC MOVEMENT ARROW
- PROPOSED TEMPORARY 1.8m HIGH CHAIN LINK CONSTRUCTION FENCE C/W HEAVY-DUTY SILT FENCE AS PER OPSD 219.130
- HATCH DENOTES APPROX. EXTENT OF SHORING FOR UNDERGROUND PARKING CONSTRUCTION
- HATCH DENOTES APPROX. EXTENT OF EXISTING SIDEWALK/BOULEVARD/CURB & GUTTER TO BE REMOVED AS REQUIRED FOR CONSTRUCTION VEHICLE ACCESS
- TC 4 — CONSTRUCTION AHEAD SIGN ROAD WORK SIGN
- TC 31 — TRUCK ENTRANCE SIGN
- FP — APPROXIMATE LOCATION OF FLAG PERSON WITH STOP SIGN (OTM BOOK 7 TRAINED)

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

CONSTRUCTION NORTH

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.
5. THE LOCATION OF ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 7. SEE THIS PLAN FOR RECOMMENDED SIGN LOCATIONS.
6. ALL SIGNAGE TO BE INSPECTED DAILY BY THE DEVELOPER'S SUPERINTENDENT AND IMMEDIATE MAINTENANCE WILL BE PERFORMED IF REQUIRED.
7. NO PARKING WILL OCCUR ON THE ADJACENT STREETS OR BOULEVARDS BY TRADES/LABOURERS. LABOURS WILL BE ENCOURAGED TO CARPOOL TO THE SITE
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 AND ADJACENT SIDEWALK TO BE KEPT FREE FROM BUILDING MATERIALS AND DEBRIS AT ALL TIMES.
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.
11. FLAG PERSONS WILL BE REMINDED THAT NO FLAGGING OF TRAFFIC TO OCCUR WITHIN 30m OF THE SIGNALIZED INTERSECTION.
12. ALL LOADING AND UNLOADING OF MATERIALS & EQUIPMENT WILL OCCUR WITHIN THE PROPOSED STAGING AREA. STAGING AREA AS NOTED ON THE PLAN.
13. NO STAGING OF TRUCKS WILL OCCUR WITHIN THE MUNICIPAL ROAD ALLOWANCE.
14. FIRE HYDRANTS ARE TO BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES.
15. THIS CONSTRUCTION MANAGEMENT PLAN (CMP) HAS BEEN PREPARED AS A GENERAL GUIDELINE FOR ITEMS SUCH AS LOCATING THE STAGING AREA, WASHROOMS, SITE TRAILER, 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.
16. 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.
17. 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.
18. THE CONSTRUCTION OF PROPOSED SITE WILL BE COMPLETED IN THREE (3) STAGES AS BELOW.

    STAGE-1: DEMOLITION AND REMOVAL OF EXISTING BUILDING FOR SITE DEVELOPMENT.
    STAGE-2: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE.
    STAGE-3: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE FOR REMAINING AREA AND CONSTRUCTION OF BUILDINGS.

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 5 MONTHS TO COMPLETE. 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 SITE BY ASSISTANCE OF TRAFFIC CONTROL PERSON (BOOK 7 TRAINED) ONTO THE DOWNSVIEW DR.
5. ALL TRUCKS, IF REQUIRED, TO BE WASHED DOWN PRIOR TO EXITING THE SITE.
6. ALL CONCRETE TRUCKS AND OTHER CONSTRUCTION VEHICLES WILL BE REQUIRED TO PULLED INTO THE STAGING AREA TO UNLOAD THE CONSTRUCTION MATERIAL WITHIN THE SITE.
7. THE MAIN STRUCTURE WILL TAKE APPROXIMATELY 20 MONTHS TO CONSTRUCT. THE FINISHING PHASE WILL TAKE APPROXIMATELY 11 MONTHS TO COMPLETE.
8. 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:

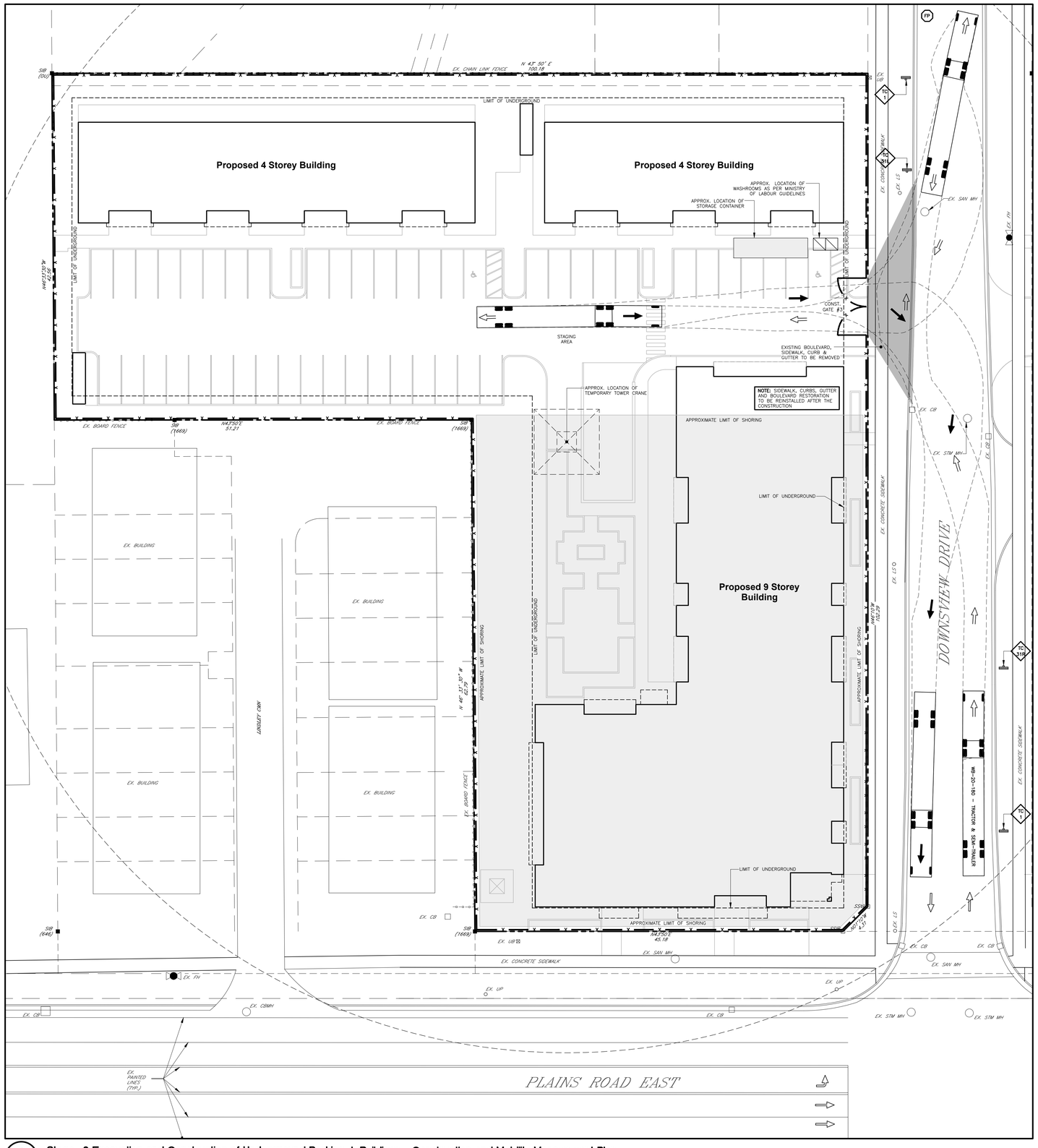
- 48-HOUR NOTICE SHALL BE PROVIDED TO ADJACENT PROPERTIES SHOULD ANY CONSTRUCTION OPERATIONS PRODUCE IMPACTS BEYOND THE NORMAL DAY-TO-DAY OPERATIONS OF THE SITE
- A PRE-CONSTRUCTION NOTICE SHALL BE SENT OUT TO ADJACENT PROPERTIES AND ALONG THE CONSTRUCTION ACCESS ROUTES
- SIGNS AROUND THE SITE SHALL 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

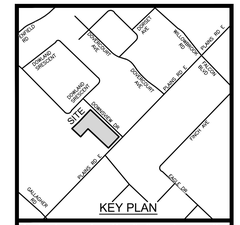
WEBSITE REFERENCE:
HTTPS://WWW.CCOHS.CA/OSHANSWERS/HSPROGRAMS/PLANNING.HTML

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.



1 CM1-3 — Stage -3 Excavation and Construction of Underground Parking + Buildings - Construction and Mobility Management Plan

1:250



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 B.A. JACOBS SURVEYING LTD., JOB NO – 13s86-T(NB), DATED – DECEMBER 03, 2013

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)
A	ISSUED FOR ZBA APPLICATION	05/19/22

No.	Description	Date (m/d/y)

Issue Record

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

Proposed Residential Development

1010 DOWNSVIEW DRIVE
BURLINGTON, ON

Date:	May 2022
Drawn By:	NDM
Chkd By:	SMP
Scale:	N.T.S

Stage-3

Excavation and Construction

Project No.:	Drawing No.:	Rev.:
22041	CM1-3	A

Plot Date: 05/19/22
M:\2022\22041 – 335 Plains Road, Oakville\CM1\22041 _CM01_Construction Management Plan.dwg

LEGEND

- TRUCK MOVEMENT ARROW
- TRAFFIC MOVEMENT ARROW
- PROPOSED TEMPORARY 1.8m HIGH CHAIN LINK CONSTRUCTION FENCE C/W HEAVY-DUTY SILT FENCE AS PER OPSD 219.130
- HATCH DENOTES APPROX. EXTENT OF SHORING FOR UNDERGROUND PARKING CONSTRUCTION
- HATCH DENOTES APPROX. EXTENT OF EXISTING SIDEWALK/BOULEVARD/CURB & GUTTER TO BE REMOVED AS REQUIRED FOR CONSTRUCTION VEHICLE ACCESS
- TC 1 — CONSTRUCTION AHEAD SIGN / ROAD WORK SIGN
- TC 317 — TRUCK ENTRANCE SIGN

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

CONSTRUCTION
EARTH

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.
5. THE LOCATION OF ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE ONTARIO TRAFFIC MANUAL (OTM) BOOK 7. SEE THIS PLAN FOR RECOMMENDED SIGN LOCATIONS.
6. ALL SIGNAGE TO BE INSPECTED DAILY BY THE DEVELOPER'S SUPERINTENDENT AND IMMEDIATE MAINTENANCE WILL BE PERFORMED IF REQUIRED.
7. NO PARKING WILL OCCUR ON THE ADJACENT STREETS OR BOULEVARDS BY TRADES/LABOURERS. LABOURS WILL BE ENCOURAGED TO CARPOOL TO THE SITE
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 AND ADJACENT SIDEWALK TO BE KEPT FREE FROM BUILDING MATERIALS AND DEBRIS AT ALL TIMES.
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.
11. FLAG PERSONS WILL BE REMINDED THAT NO FLAGGING OF TRAFFIC TO OCCUR WITHIN 30m OF THE SIGNALIZED INTERSECTION.
12. ALL LOADING AND UNLOADING OF MATERIALS & EQUIPMENT WILL OCCUR WITHIN THE PROPOSED STAGING AREA. STAGING AREA AS NOTED ON THE PLAN.
13. NO STAGING OF TRUCKS WILL OCCUR WITHIN THE MUNICIPAL ROAD ALLOWANCE.
14. FIRE HYDRANTS ARE TO BE ACCESSIBLE TO THE FIRE DEPARTMENT AT ALL TIMES.
15. THIS CONSTRUCTION MANAGEMENT PLAN (CMP) HAS BEEN PREPARED AS A GENERAL GUIDELINE FOR ITEMS SUCH AS LOCATING THE STAGING AREA, WASHROOMS, SITE TRAILER, 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.
16. 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.
17. 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.
18. THE CONSTRUCTION OF PROPOSED SITE WILL BE COMPLETED IN THREE (3) STAGES AS BELOW.

STAGE-1: DEMOLITION AND REMOVAL OF EXISTING BUILDING FOR SITE DEVELOPMENT.
STAGE-2: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE.
STAGE-3: EXCAVATION AND CONSTRUCTION OF UNDERGROUND PARKING STRUCTURE FOR REMAINING AREA AND CONSTRUCTION OF BUILDINGS.

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 5 MONTHS TO COMPLETE. 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 SITE BY ASSISTANCE OF TRAFFIC CONTROL PERSON (BOOK 7 TRAINED) ONTO THE DOWNSVIEW DR.
5. ALL TRUCKS, IF REQUIRED, TO BE WASHED DOWN PRIOR TO EXITING THE SITE.
6. ALL CONCRETE TRUCKS AND OTHER CONSTRUCTION VEHICLES WILL BE REQUIRED TO PULLED INTO THE STAGING AREA TO UNLOAD THE CONSTRUCTION MATERIAL WITHIN THE SITE.
7. THE MAIN STRUCTURE WILL TAKE APPROXIMATELY 20 MONTHS TO CONSTRUCT. THE FINISHING PHASE WILL TAKE APPROXIMATELY 11 MONTHS TO COMPLETE.
8. 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:

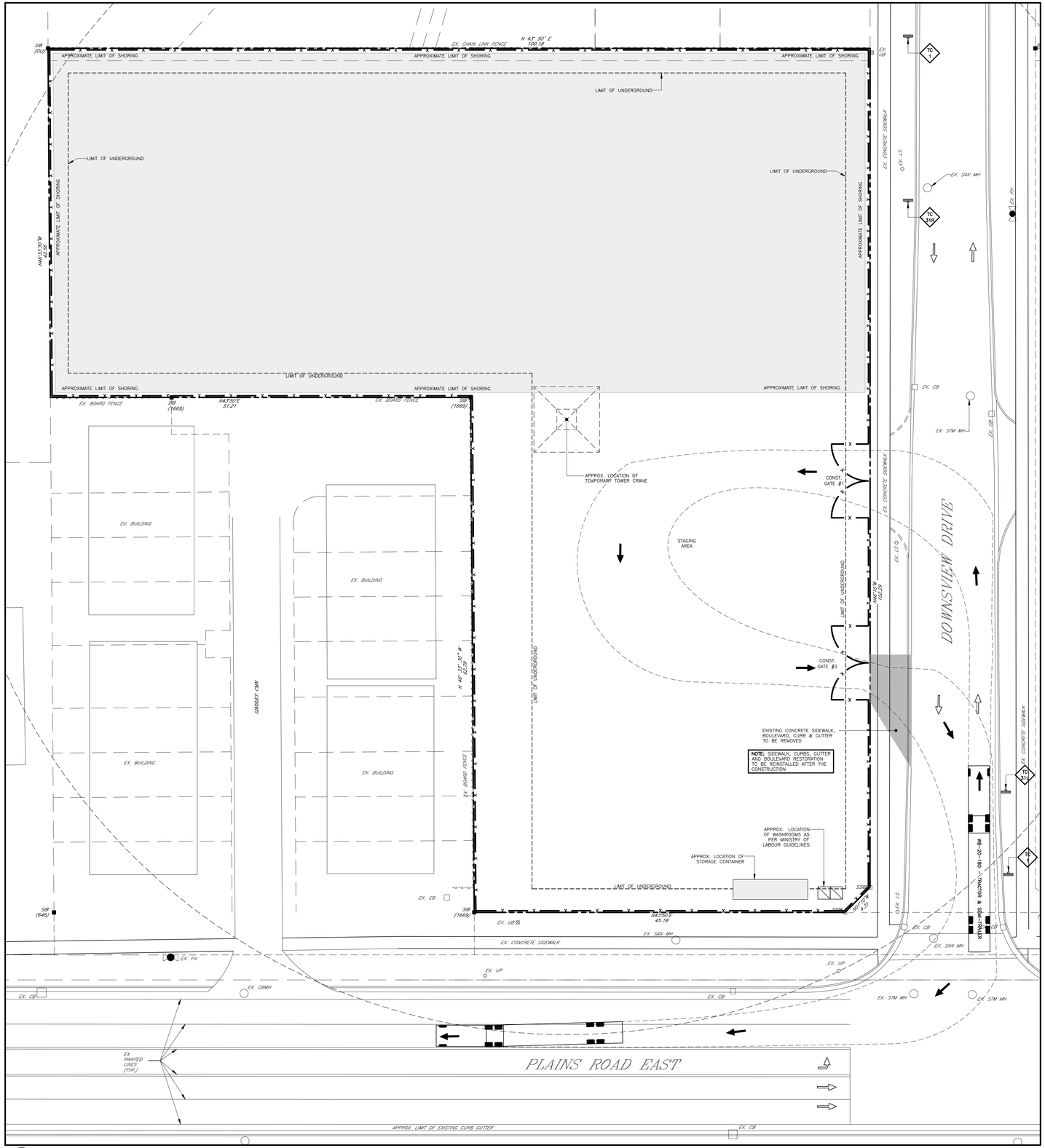
- 48-HOUR NOTICE SHALL BE PROVIDED TO ADJACENT PROPERTIES SHOULD ANY CONSTRUCTION OPERATIONS PRODUCE IMPACTS BEYOND THE NORMAL DAY-TO-DAY OPERATIONS OF THE SITE
- A PRE-CONSTRUCTION NOTICE SHALL BE SENT OUT TO ADJACENT PROPERTIES AND ALONG THE CONSTRUCTION ACCESS ROUTES
- SIGNS AROUND THE SITE SHALL 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

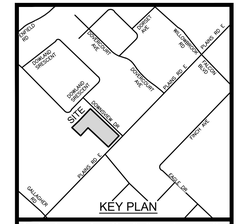
WEBSITE REFERENCE:
HTTPS://WWW.CCOHS.CA/OSHANSWERS/HSPROGRAMS/PLANNING.HTML

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.



1 / CM1-2 — Stage - 2 Excavation and Construction of Underground Parking - Construction and Mobility Management Plan

1:250



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 B.A. JACOBS SURVEYING LTD., JOB NO – 13s86-T(NB), DATED – DECEMBER 03, 2013

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)
A	ISSUED FOR ZBA APPLICATION	05/19/22

No.	Description	Date (m/d/y)

Issue Record

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

Proposed Residential Development

1010 DOWNSVIEW DRIVE
BURLINGTON, ON

Date:	May 2022
Drawn By:	NDM
Chkd By:	SMP
Scale:	N.T.S

Stage-2

Excavation and Construction

Project No.:	Drawing No.:	Rev.:
22041	CM1-2	A

Plot Date: 05/19/22
M:\2022\22041 – 335 Plains Road, Caletara\CM\22041 _CM01_Construction Management Plan.dwg