

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 25, 2024

Item 13, Report No. 25 of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 25, 2024.

13. ROAD CLOSURE – BLOCK 18 PETER RUPERT AVE, GRAND TRUNK AVE, AND MURET CRES SERVICING CONSTRUCTION

The Committee of the Whole recommends approval of the recommendations contained in the following report of the Deputy City Manager, Infrastructure Development, dated June 18, 2024:

Recommendations

1. That the temporary road closures for the above-mentioned work be approved.
2. That the necessary by-law be enacted authorizing the temporary road closure of Peter Rupert Avenue for the period from August 16th to August 30th, 2024.
3. That the necessary by-law be enacted authorizing the three phased temporary road closure of Grand Trunk Avenue and Muret Crescent for July 2nd to July 23rd, 2024, July 24th to July 31st and August 1st to August 15th, 2024.

Committee of the Whole (2) Report

DATE: Tuesday, June 18, 2024

WARD(S): 4

TITLE: ROAD CLOSURE – BLOCK 18 PETER RUPERT AVE, GRAND TRUNK AVE, AND MURET CRES SERVICING CONSTRUCTION

FROM:

Vince Musacchio, Deputy City Manager, Infrastructure Development

ACTION: DECISION

Purpose

This report is to seek council approval for temporary road closures to allow for the installation of vital infrastructure to support the development of residential homes in vacant blocks within Block 18.

Report Highlights

- Request the proposal for a temporary road closure on Peter Rupert Avenue, between Rutherford Road and Maple Valley Road from August 16th to August 30th, 2024, to facilitate the installation of new sanitary sewers.
- Request the proposal for a three staged temporary road closure on Muret Crescent and Grand Trunk Avenue to construct or replace storm and sanitary pipes in order to support the proposed residential development on Feversham Court and Muret Crescent.
- First closure phase to take place on Muret Crescent, between Grand Trunk Avenue and Savona Place from July 2nd to July 23rd, 2024.
- Second closure phase to take place on Grand Trunk Avenue, between Barletta Drive and Sand Valley Road from July 24th to July 31st, 2024.
- Third closure phase to take place on Grand Trunk Avenue, between Sand Valley Road and 100m north of Sand Valley Road from August 1st to August 15th, 2024.

Recommendations

1. That the temporary road closures for the above-mentioned work be approved.
2. That the necessary by-law be enacted authorizing the temporary road closure of Peter Rupert Avenue for the period from August 16th to August 30th, 2024.
3. That the necessary by-law be enacted authorizing the three phased temporary road closure of Grand Trunk Avenue and Muret Crescent for July 2nd to July 23rd, 2024, July 24th to July 31st and August 1st to August 15th, 2024.

Background

This report is to provide information regarding the proposal for a temporary road closure on Peter Rupert Avenue, between Rutherford Road and Maple Valley Road. The closure will take place for two weeks, from August 16th to August 30th, 2024, to facilitate the installation of new sanitary sewers required to service the proposed townhouse development to the vacant block to the west north of the pond.

In addition to the above closure request, the following three staged temporary road closure on Muret Crescent and Grand Trunk Avenue is also being proposed. The purpose of this closure is to construct or replace storm and sanitary pipes to support the proposed residential development on Feversham Court and Muret Crescent. The first phase of this closure will take place on Muret Crescent, between Grand Trunk and Savona Place. This closure will take place for 2 weeks, from July 2nd to July 23rd, 2024. The second phase of the road closure will take place on Grand Trunk Avenue, between Barletta Drive and Sand Valley Road and will take place for 1 week, from July 24th to July 31st, 2024. Lastly, the third phase of the temporary road closure will take place on Grand Trunk Avenue, between Sand Valley Road and 100m north of Sand Valley Road. This phase will take place for 2 weeks, from August 1st to August 15th, 2024.

The following is a summary of relevant information to the projects:

1. A temporary road closure on Peter Rupert Avenue at the intersection of Peter Rupert Avenue and Warbler Avenue to facilitate the installation of new Sanitary Sewer within the intersection Peter Rupert Avenue and Warbler Avenue into the extension of Warbler Avenue. The closure of Peter Rupert Avenue will be from August 16th to August 30th, 2024.
 - The purpose of the road closure is to complete the installation of new sanitary sewers and watermain within the intersection Peter Rupert Avenue and Warbler Avenue into the extension of Warbler Avenue to support future development. Refer to Attachment 1 for the Traffic Control Plan and Attachment 6 for the Road Closure Communication Plan.

2. A temporary road closure will be required on Muret Crescent and Grand Trunk Avenue to construct watermain storm and sanitary pipes on Muret Crescent and Grand Trunk Avenue.
 - This work is to support the proposed residential development on the new proposed Feversham Court off Muret Crescent. New service connections and sidewalk construction will also be required along Muret Crescent and Grand Trunk Avenue along the frontages of the proposed development.
 - Please note that the road closure is proposed to occur in a phased manner. Refer to Attachments 2 to 4 for the Traffic Control Plans and Attachment 5 for the Road Closure Communication Plan. Each phase includes multiple stages to limit the extent of the closure area at any given time and to provide access to existing driveways for current residents. A typical temporary pedestrian access detail is also provided on the traffic control plans to provide pedestrian access for lots where driveways will be temporarily inaccessible during construction works. This fenced off work area with pedestrian access walkway will be relocated along the work area as the work progresses along the noted roadways.
 - In order to carry out construction in a safe and timely manner a three phased closure is proposed, first phase on Muret Crescent, between Grand Trunk Avenue and Savona Place from July 2nd to July 23rd 2024, second phase on Grand Trunk Avenue, between Barletta Drive and Sand Valley Road from July 24th to July 31st 2024, and the third phase on Grand Trunk Avenue, between Sand Valley Road and 100m north of Sand Valley Road from August 1st to August 15th 2024.

Previous Reports/Authority

N/A

Analysis and Options

Due to the extent of the proposed construction works, the subject roads are required to be temporarily closed. The following will be implemented for the subject road closures.

Traffic Management Plan and Signage

- Please see Attachment 1 to 4 for details on the Traffic Management Plans.
- The general contractor will assume responsibility for supplying and installing all signage and ensure work is done in accordance with the Ontario Traffic Manual Book 7.
- Road closure signage will be installed as per the traffic management plan.
- Advance signage for the temporary road closure will be deployed in the area advising of the upcoming temporary road closure.

- Residents impacted will be notified of the upcoming road closure and requested to use detour route to access through the area.
- Emergency services as well as waste collection services will have access through the closure area.
- School bus services will be informed to use the detour route to navigate through the area.

Communication

- Please see Attachments 5 and 6 for the Road Closure Communication Plans.
- Notifications will be provided to area residents.
- Notifications will be provided to all city & emergency services, including Vaughan Fire and Rescue, Ambulance, Police Services and Waste Collection Services.
- Project construction signage will be installed in the construction area.
- A notification will be posted on the City's Disruption and Closures webpage.

Necessity of Closures

- The road closure is requested to safely complete the noted works.
- The depth of excavation required to accommodate the installation of these sewer structures will render the roads impassable during construction. Based on the engineering design, a partial closure of the roadways is not possible, and thus, a full closure is requested to ensure safe installation/construction practices.
- The temporary road closure is required to facilitate construction in a safe, efficient, and timely manner as well as to avoid any conflicts with underground infrastructure while using heavy machinery to complete the work.

Financial Impact

There is no financial impact to the City as all costs associated with the proposed road closures will be borne by the applicants.

Operational Impacts

Consultation has taken place with Transportation and Fleet Management Services. The roads will necessitate detours, of which traffic management, signage and communication plans have been developed and will be maintained throughout the temporary closure.

Broader Regional Impacts/Considerations

The proposed road closure and traffic management plan will be coordinated with York Region including any applicable permits by the applicants.

Conclusion

In the interest of public and workers' safety and to facilitate ongoing development in the City, temporary road closures for the above-mentioned work is recommended.

If you have any questions about the proposed construction work, please contact Eric Vonk, Manager, Development Inspection and Grading, Development Engineering Department at eric.vonk@vaughan.ca.

Attachments

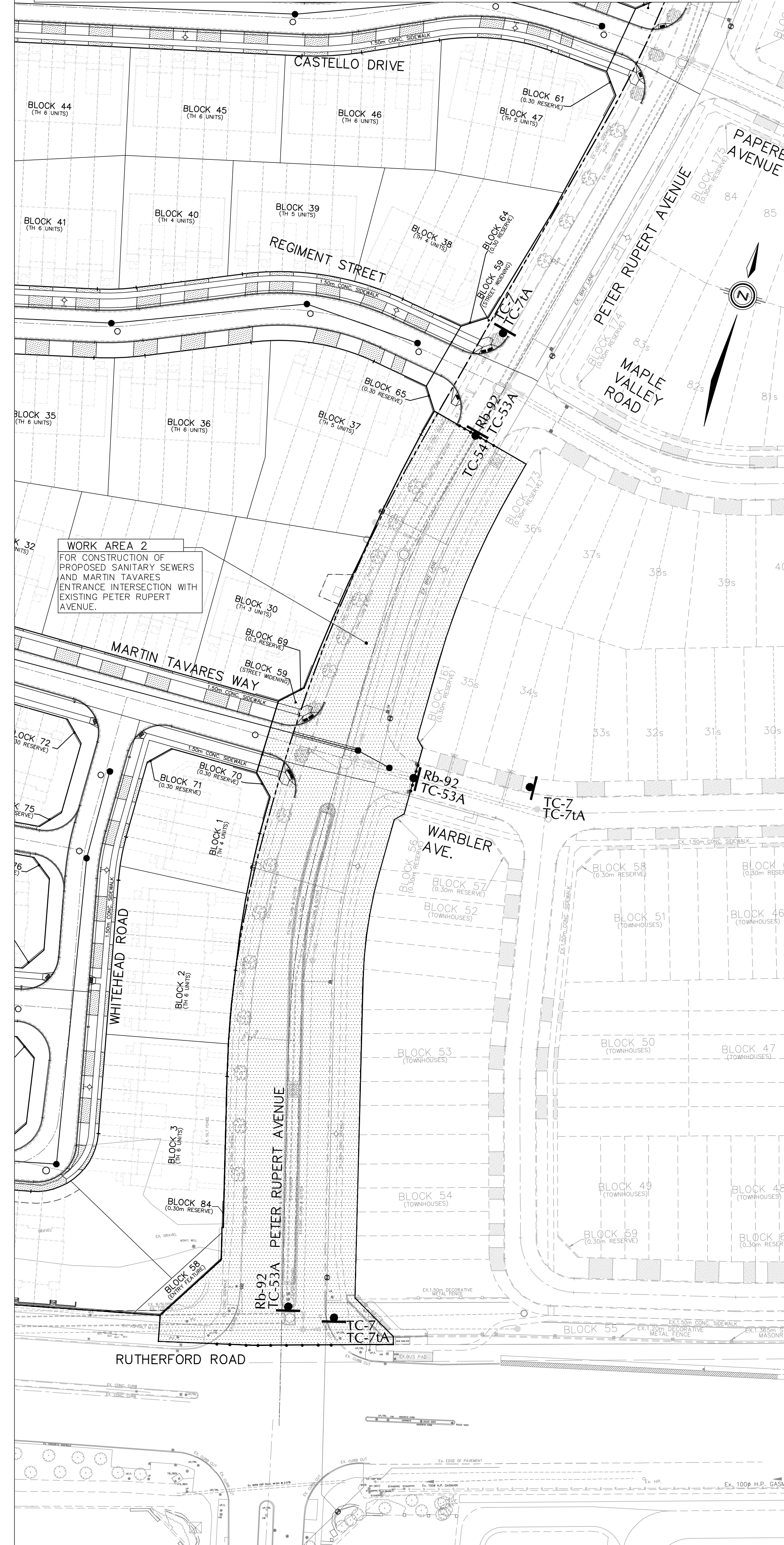
1. Traffic Control Plan - Peter Rupert Ave
2. Traffic Control Plan - Phase 1 - Muret Cres
3. Traffic Control Plan - Phase 2 - Grand Trunk Ave
4. Traffic Control Plan - Phase 3 - Grand Trunk Ave
5. Road Closure Communication Plan - Block 18 - Grand Trunk and Muret Cres
6. Road Closure Communication Plan - Block 18 - Peter Rupert Ave

Prepared by

Eric Vonk, Manager of Inspection and Grading, Development Engineering, ext. 8054

DETAILED TRAFFIC CONTROL PLAN FOR MARTIN TAVARES WAY INTERSECTION (AREA 3)

SCALE=1:750

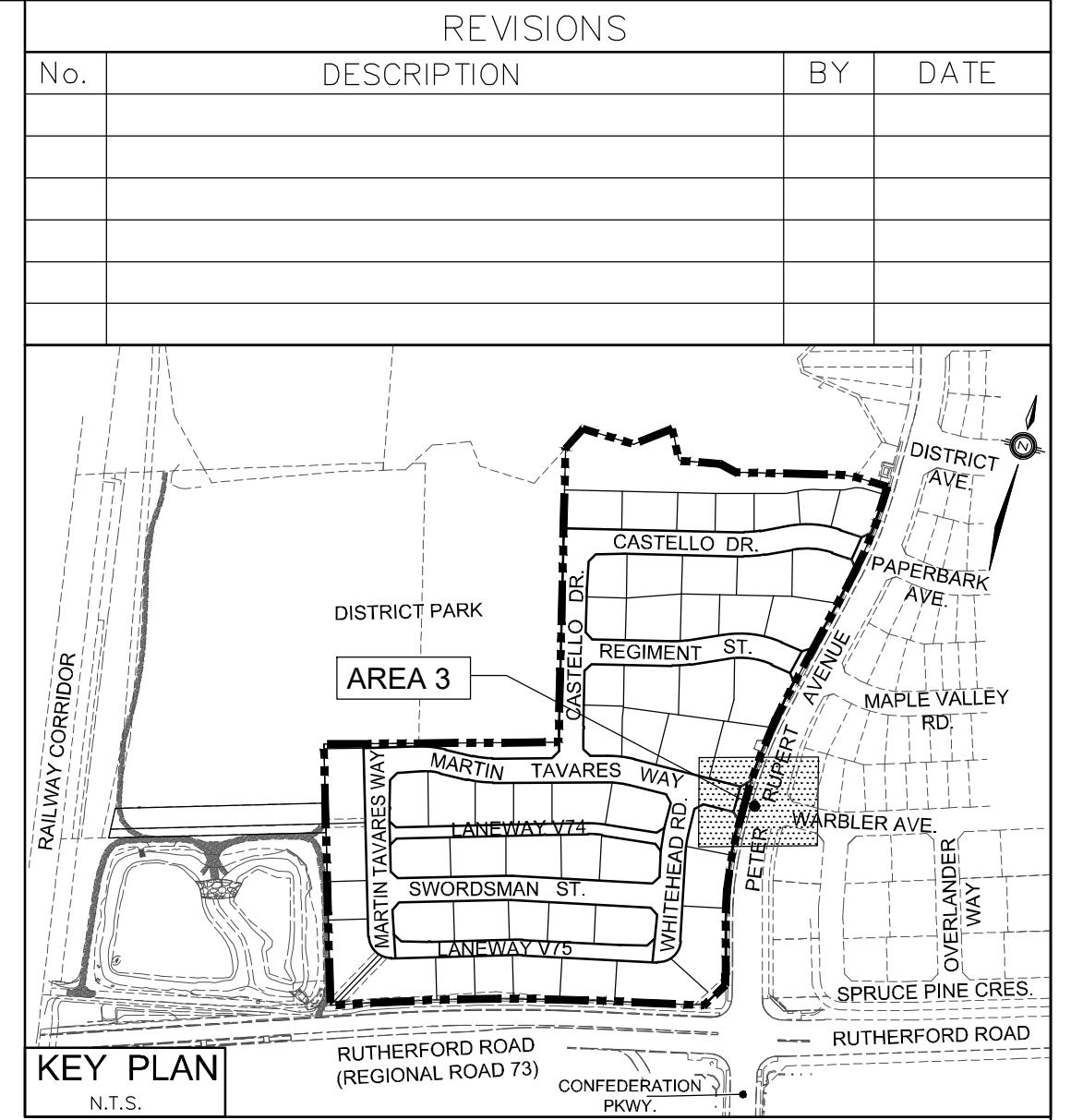


AREA 3 - SEQUENCING NOTES:

- AREA 3 OF CONSTRUCTION SHALL INCLUDE INSTALLATION OF NEW SANITARY MH, BREAKING INTO EX. SANITARY SEWER ON PETER RUPERT AVENUE AND INSTALLING NEW SANITARY SEWER TO CONNECT TO NEW SUBDIVISION SEWERS, AS WELL AS CONSTRUCTION OF PROPOSED MARTIN TAVARES WAY ENTRANCE FROM PETER RUPERT AVENUE, INCLUDING CURBS, GUTTERS AND SIDEWALK CONSTRUCTION.
- CONTRACTOR TO ENSURE ALL TRAFFIC CONTROL MEASURES ARE IN PLACE ON SITE AS PER THE LAYOUT AND LOCATIONS SHOWN ON THIS DRAWING PRIOR TO START OF CONSTRUCTION, TO THE SATISFACTION OF THE CITY OF VAUGHAN.
- THE WORK AREA WILL REQUIRE TEMPORARY CLOSURE OF PETER RUPERT AVENUE NORTHBOUND AND SOUTHBOUND LANES FROM RUTHERFORD ROAD TO MAPLE VALLEY ROAD.
- CONSTRUCTION TO BE COMPLETED AS QUICK AS POSSIBLE TO MINIMIZE IMPACT TO LOCAL TRAFFIC.
- TRAFFIC CONTROL MEASURES HAVE BEEN DESIGNED AS PER TYPICAL LAYOUT US-25 FROM OTM BOOK 7 (TEMPORARY CONDITIONS)
- VERTICAL TRENCH TO BE COVERED IF WORK AREA IS LEFT UNATTENDED OR OVERNIGHT.
- VERTICAL TRENCH TO BE BACKFILLED AND ROADWAY SURFACE TO BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF VAUGHAN.
- REMOVE SIGNAGE AND TRAFFIC CONTROL MEASURES FROM THE AREA AFTER COMPLETION OF SANITARY MANHOLES AND SEWER WORKS.

GENERAL NOTES (APPLY TO ALL STAGE):

- THE CONTRACTOR MUST BE AWARE OF THE HEAVY TRAFFIC VOLUMES DURING THE MORNING AND EVENING RUSH HOURS, I.E. BEFORE 9:30 A.M. AND AFTER 3:30 P.M. THE CONTRACTOR MUST IMPLEMENT ALL NECESSARY MEASURES SUCH AS ENGAGING ADDITIONAL CONSTRUCTION CREWS IN ORDER TO COMPLETE THE WORK IN THE SHORTEST TIME POSSIBLE. THE WORK MUST BE SCHEDULED RESPECTING TRAFFIC FLOWS ON THE TOWN'S ROAD.
- ALL OF THE CONTRACTOR'S OPERATIONS AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE ONTARIO TRAFFIC MANUAL (OTM), BOOK 7 (TEMPORARY CONDITIONS). "TRAFFIC CONTROL PERSONS" SHALL BE AS DEFINED IN BOOK 7 OF THE ONTARIO TRAFFIC MANUAL.
- THE CONTRACTOR SHALL SCHEDULE THE WORK SO THAT THERE WILL BE NO OPEN EXCAVATION ADJACENT TO A LANE CARRYING TRAFFIC OVERNIGHT OR ON NON-WORKING DAYS, EXCEPT WHERE A TRAFFIC BARRIER DESIGNED TO RESTRAIN ERRANT VEHICLES IS LOCATED BETWEEN THE TRAFFIC AND THE EXCAVATION. MATERIALS SHALL NOT BE STORED WITHIN 4 METRES OF THE TRAVELLED PORTION OF ANY ROAD. APPROPRIATE FENCE AROUND ANY OPEN EXCAVATION OVERNIGHT/ WEEKENDS AND INSTALL APPROPRIATE SIGNAGE.
- THE CONTRACTOR SHALL PROVIDE TO THE TOWN A 24-HOUR CONTACT, WHICH MUST BE MADE AVAILABLE THROUGHOUT THE DURATION OF THE PROJECT.
- ALL TRENCHES CONSTRUCTED IN THE EXISTING ROADWAYS SHALL BE RESTORED TO MATCH THE EXISTING ROAD STRUCTURE. RESTORATION SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE COMPLETION OF THE TRENCH. WHERE THE TRENCH IS CONSTRUCTED IN STAGES AND THERE IS A DELAY BETWEEN THEM, RESTORATION SHALL BE DONE IN STAGES AND COMPLETED NOT MORE THAN TWENTY-FOUR (24) HOURS AFTER THE COMPLETION OF EACH STAGE. AT OTHER TIMES THE ROADWAY TRENCH IS TO BE PLATED, RECESSED FLUSH TO SURFACE, AND ALL LANES OF TRAFFIC OPENED.



NOTES:

- FOR GENERAL AND SPECIAL NOTES REFER TO DWG. No. GN-1.
- SIGNS TO BE PLACED AS PER "ONTARIO TRAFFIC MANUAL - BOOK 7: TEMPORARY CONDITIONS".

LEGEND

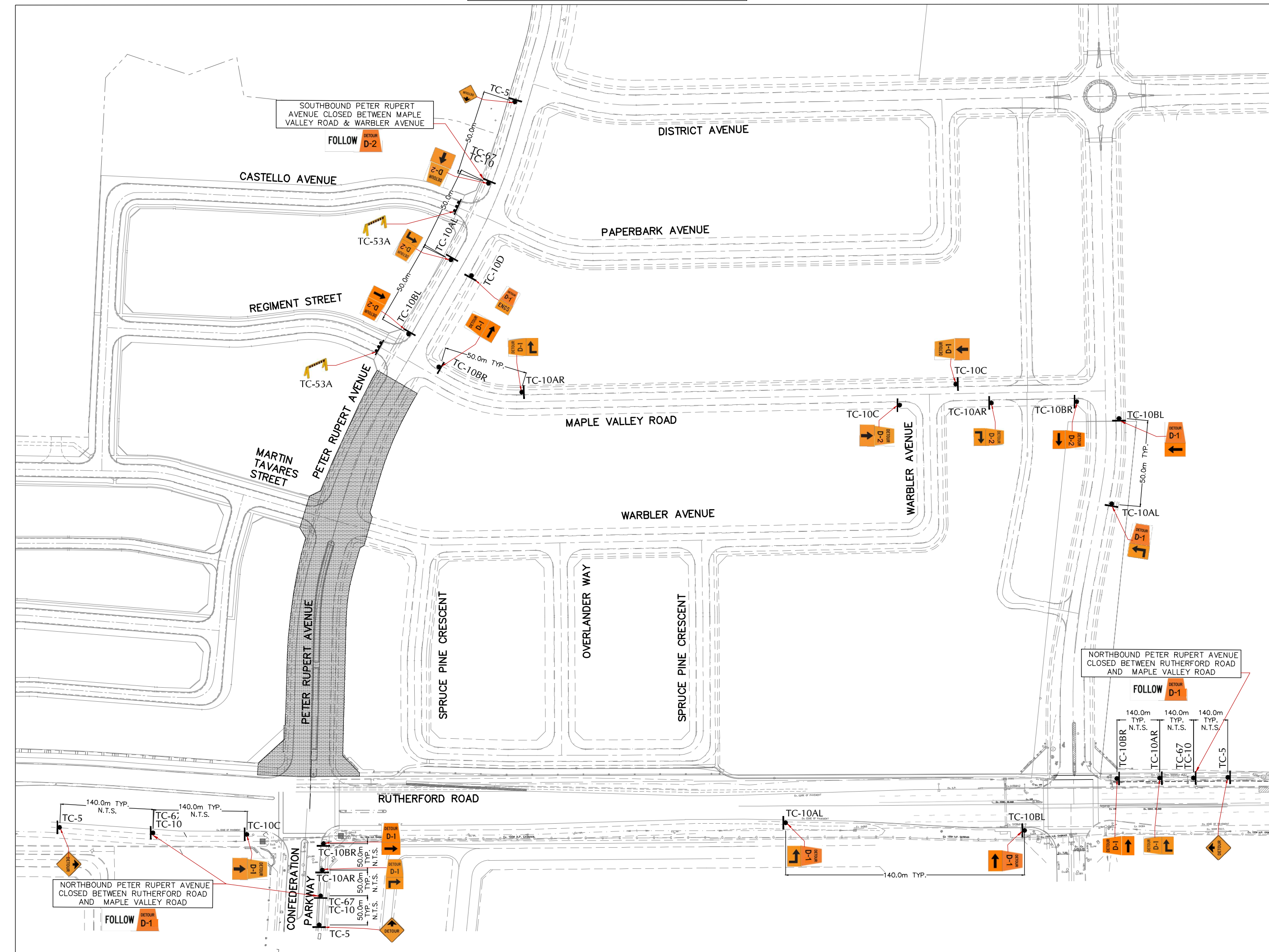
- TC-1 DENOTES CONSTRUCTION AHEAD SIGN
- TC-2B DENOTES ROAD WORK SIGN
- TC-3L/R DENOTES LANE CLOSED SIGN (LEFT/RIGHT)
- TC-4 DENOTES LANE CLOSURE ARROW SIGN
- TC-7 DENOTES DIVERSION/ DETOUR-TURN OFF SIGN
- TC-71A DENOTES ROAD CLOSED TAB
- TC-71B DENOTES LOCAL TRAFFIC ONLY TAB
- TC-11 DENOTES NARROW LANES SIGN
- TC-12 DENOTES FLASHING ARROW BOARD
- TC-21 DENOTES TRAFFIC CONTROL PERSON AHEAD SIGN
- TC-22 DENOTES TRAFFIC CONTROL (STOP/SLOW) PADDLE
- TOP DENOTES TRAFFIC CONTROL PERSON
- TC-40L/R DENOTES PEDESTRIAN DIRECTION SIGN (LEFT/RIGHT)
- TC-41L/R DENOTES BICYCLE LANE DETOUR SIGN (LEFT/RIGHT)
- TC-42 DENOTES BICYCLE LANE DETOUR ENDS SIGN
- TC-43 DENOTES BICYCLE LANE CLOSED SIGN
- TC-51C DENOTES MOVEABLE DELINEATORS
- TC-53A DENOTES BARRICADE
- TC-54 DENOTES FLEXIBLE DRUM TRAFFIC BARREL
- TC-68 DENOTES BIKE LANE CLOSED SIGN
- Rb-12 DENOTES NO LEFT TURN SIGN
- Rb-92 DENOTES ROAD CLOSED SIGN

DETOUR PLAN LEGEND

- [Hatched Box] DENOTES CONSTRUCTION AREA
- TC-5 DENOTES DETOUR AHEAD SIGN
- TC-7 DENOTES DETOUR-TURN OFF/ DIVERSION SIGN
- TC-71A DENOTES ROAD CLOSED (TAB SIGN)
- TC-71B DENOTES LOCAL TRAFFIC ONLY (TAB SIGN)
- TC-10 DENOTES DETOUR DESIGNATION SIGN
- TC-10A(LorR) DENOTES DETOUR MARKERS (DIVERSION LEFT OR RIGHT)
- TC-10B(LorR) DENOTES DETOUR MARKERS (TURN LEFT OR RIGHT)
- TC-10C DENOTES DETOUR MARKERS (CONTINUE STRAIGHT)
- TC-10D DENOTES DETOUR ENDS SIGN
- TC-67 DENOTES STREET SECTION CLOSED SIGN
- Rb-92 DENOTES ROAD CLOSED SIGN

DETOUR PLAN AREA 3

SCALE=1:1500



CITY BENCH MARK No. 12-1
CONCRETE BENCH MARK POST WEST SIDE OF BATHURST STREET, 183.0m NORTH OF MAPLE SIDEROAD (MAJOR MACKENZIE DRIVE), ELEVATION 232.309

No.	DATE	ISSUED FOR
5	2024/04/29	REVISED AS PER PERFECT SUBMISSION COMMENTS
4	2024/03/27	REVISED AS PER TRCA REVIEW COMMENTS
3	2024/03/08	REVISED AS PER REGION REVIEW COMMENTS
2	2024/02/02	REVISED AS PER TRCA REVIEW COMMENTS
1	2024/01/15	1ST CITY PERFECT SUBMISSION

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT ENGINEERING DATE

BLOCK 18 PROPERTIES INC. HIGH SCHOOL BLOCK REDEVELOPMENT

SCHAEFFERS
CONSULTING ENGINEERS

6 Rensselaer Drive, Concord, Ontario L4K 4B3
Tel: (905) 738-6100
Fax: (905) 738-6875
E-mail: design@schaeffers.com

SCHAEFFER & ASSOCIATES LTD.



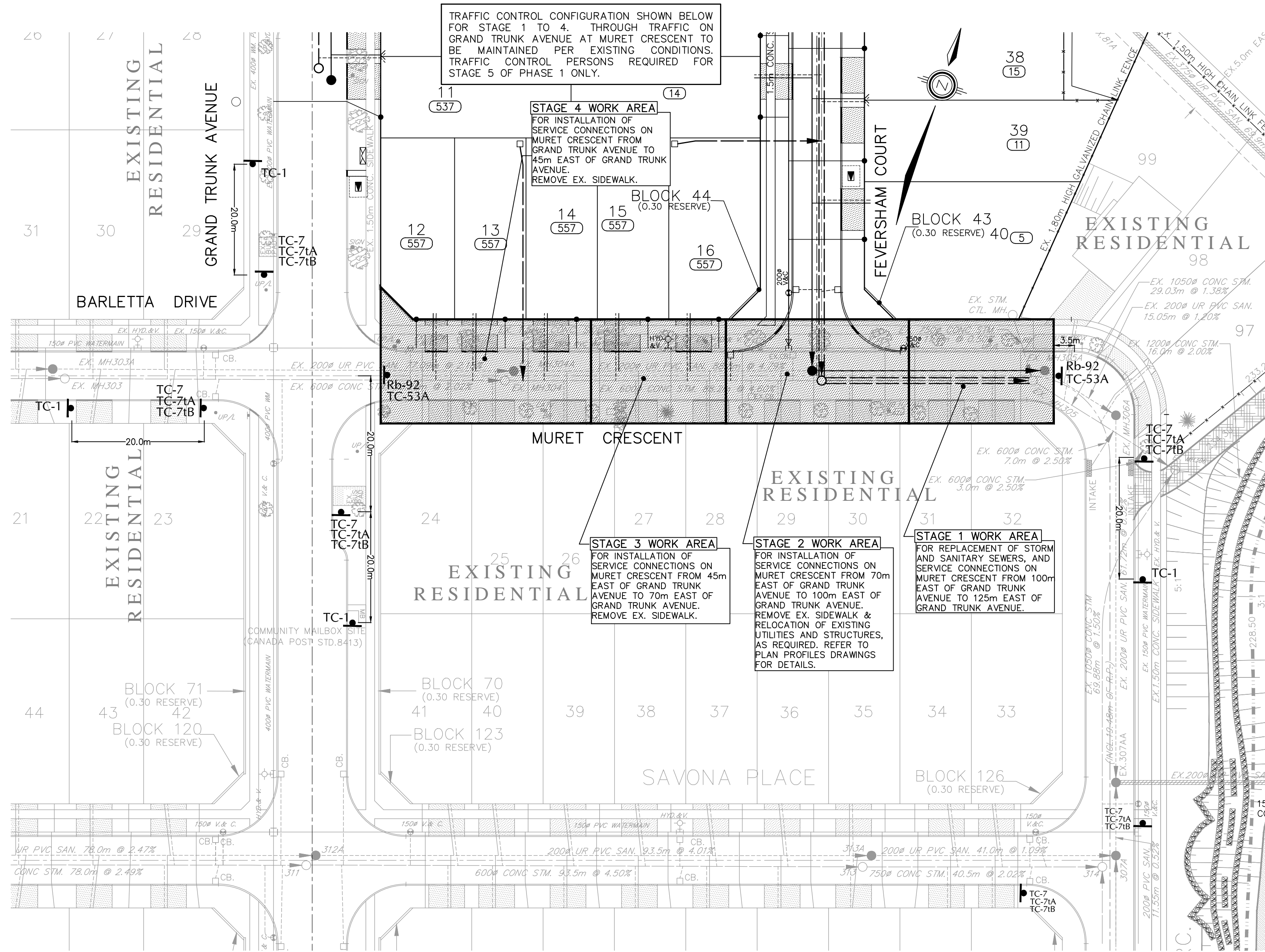
TRAFFIC CONTROL PLAN FOR SANITARY SEWER AND MANHOLE INSTALLATION AND MARTIN TAVARES STREET ENTRANCE CONSTRUCTION

CITY FILE No. 19T-20V008

PROJECT No.	2022-5269	DRAWING No.	TC-2
DRAWN BY:	R.K.	CHECKED BY:	M.K.
DESIGNED BY:	R.K.	APPROVED BY:	H.S.
		DATE:	MAY 2023

SCALE: 1:750

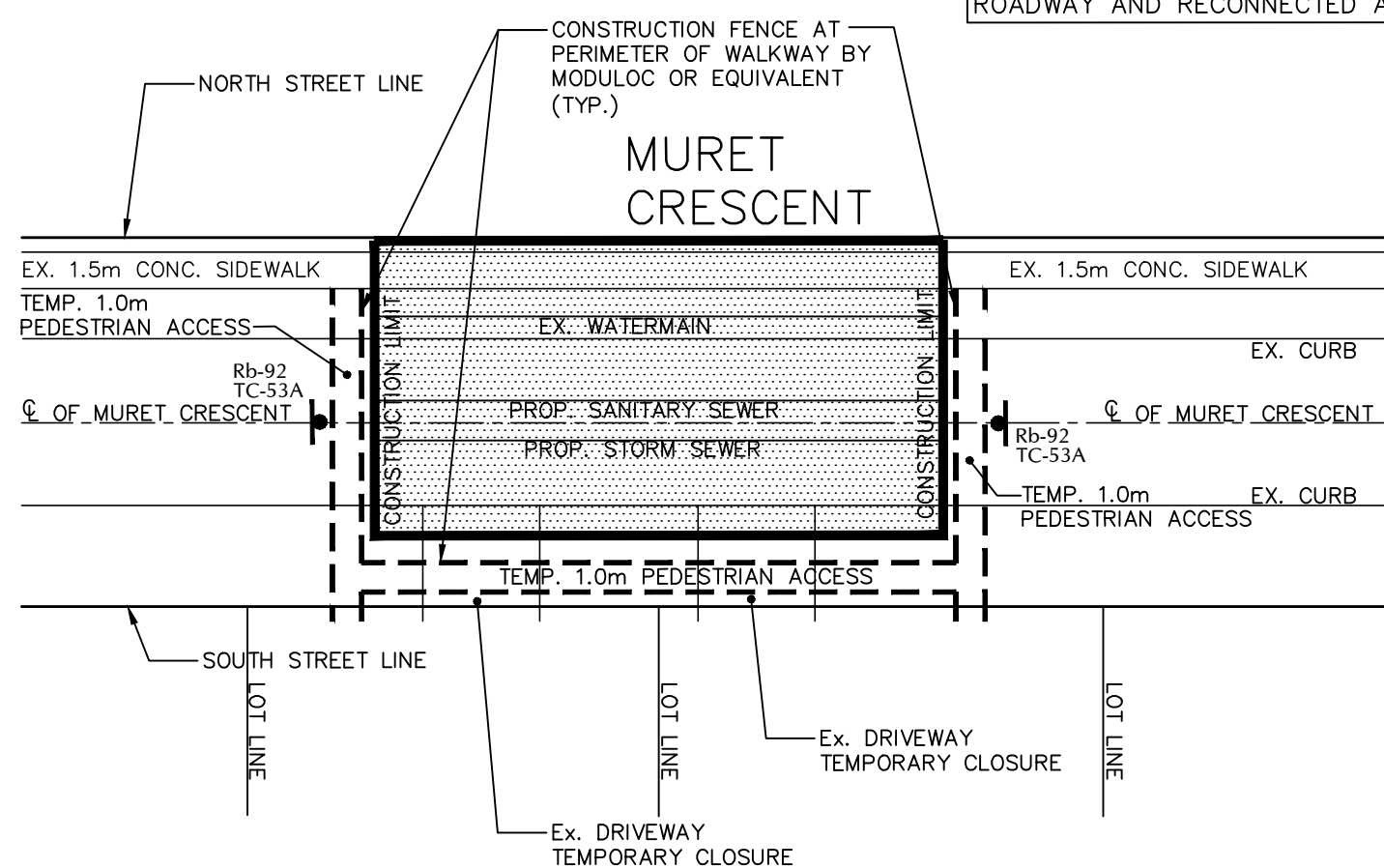
Attachment 2 - Traffic Control Plan Phase 1 - Muret Cres



**DETAILED TRAFFIC CONTROL PLAN
PHASE 1**
SCALE=1:500

DRIVEWAY CLOSURES BE COORDINATED DIRECTLY WITH PROPERTY OWNER. MAXIMUM DURATION FOR DRIVEWAY CLOSURES SHALL BE 72 HOURS.

NOTE: ALL EXISTING TREES AND DRIVEWAYS ON THE SOUTH SIDE OF MURET CRESCENT TO BE MAINTAINED DURING CONSTRUCTION. EXISTING SERVICE CONNECTIONS TO BE CUT UNDER ROADWAY AND RECONNECTED AS REQUIRED.



TYPICAL TEMPORARY PEDESTRIAN ACCESS DETAIL PHASE 1
N.T.S.

PHASE 1 SEQUENCING NOTES:

- PHASE 1 OF CONSTRUCTION SHALL INCLUDE ALL PROPOSED WORKS ON MURET CRESCENT, INCLUDING WORKS AT THE INTERSECTION OF MURET CRESCENT AND FUTURE STREET "1".
- PRIOR TO THE START OF CONSTRUCTION, THE CITY OF VAUGHAN PARKING ENFORCEMENT TO BE NOTIFIED OF THE PROPOSED WORKS AND TEMPORARY PERMIT TO BE OBTAINED TO ALLOW OVERNIGHT RESIDENT PARKING ON MURET CRESCENT OR GRAND TRUNK AVENUE DURING THE REQUIRED DRIVEWAY CLOSURES.
- PRIOR TO START OF ROAD WORKS, EXISTING TREES ON NORTH SIDE OF MURET CRESCENT TO BE REMOVED AS PER LANDSCAPE DRAWINGS.
- PHASE 1 TO BE COMPLETED IN FIVE STAGES AS FOLLOWS:

STAGE 1 (FROM 100m EAST OF GRAND TRUNK AVENUE TO 125m EAST OF GRAND TRUNK AVENUE)

- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO MURET CRESCENT FROM GRAND TRUNK AVENUE TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT 99 TO BE MAINTAINED OPEN WITH 3.5M MIN WIDTH AT CURB CUT FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT No. 31 & 32 TO BE CLOSED. CLOSURE OF DRIVEWAY TO BE COORDINATED DIRECTLY WITH PROPERTY OWNER. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON MURET CRESCENT, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURE.
- DUE TO THE DRIVEWAY CLOSURE, STAGE 1 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 1 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAY, IS COMPLETED WITHIN THREE DAYS.
- RELOCATE APPROPRIATE SIGNAGE TO NEXT WORK STAGE AREA AFTER COMPLETION OF THIS STAGE.

STAGE 2 (FROM 70m EAST OF GRAND TRUNK AVENUE TO 100m EAST OF GRAND TRUNK AVENUE)

- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO MURET CRESCENT FROM GRAND TRUNK AVENUE AND SAVONA PLACE TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT No. 28 & 30 TO BE CLOSED. CLOSURE OF DRIVEWAY TO BE COORDINATED DIRECTLY WITH PROPERTY OWNER. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON MURET CRESCENT, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURE.
- DUE TO THE DRIVEWAY CLOSURE, STAGE 2 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 2 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAY, IS COMPLETED WITHIN THREE DAYS.
- RELOCATE APPROPRIATE SIGNAGE TO NEXT WORK STAGE AREA AFTER COMPLETION OF THIS STAGE.

STAGE 3 (FROM 45m EAST OF GRAND TRUNK AVENUE TO 70m EAST OF GRAND TRUNK AVENUE)

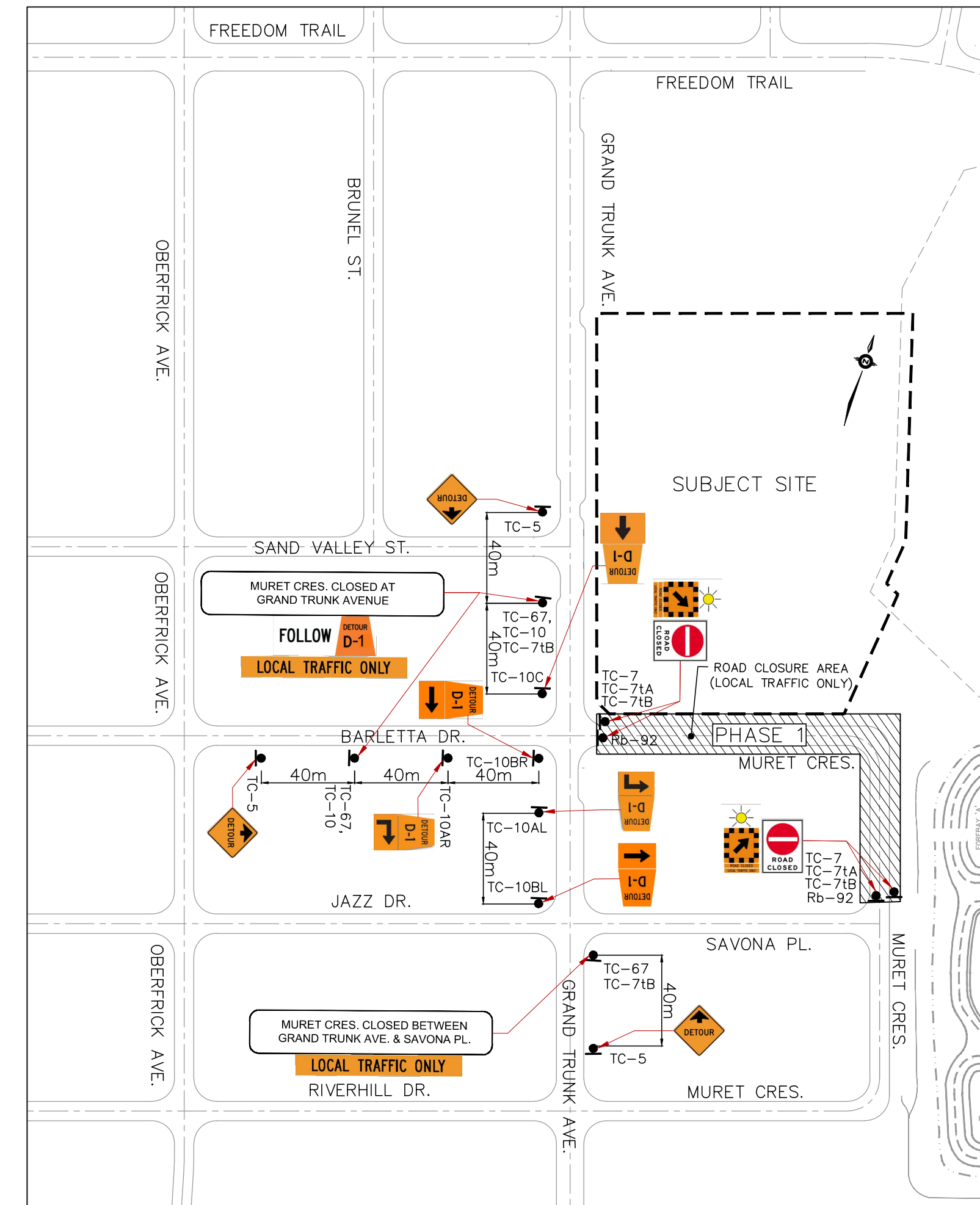
- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO MURET CRESCENT FROM GRAND TRUNK AVENUE AND SAVONA PLACE TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT No. 27 & 28 TO BE CLOSED. CLOSURE OF DRIVEWAY TO BE COORDINATED DIRECTLY WITH PROPERTY OWNER. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON MURET CRESCENT, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURE.
- DUE TO THE DRIVEWAY CLOSURE, STAGE 3 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 3 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAY, IS COMPLETED WITHIN THREE DAYS.
- RELOCATE APPROPRIATE SIGNAGE TO NEXT WORK STAGE AREA AFTER COMPLETION OF THIS STAGE.

STAGE 4 (FROM GRAND TRUNK AVENUE TO 45m EAST OF GRAND TRUNK AVENUE)

- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO MURET CRESCENT FROM SAVONA PLACE TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAYS FOR UNITS No. 24, 25 AND 26 TO BE CLOSED. CLOSURE OF DRIVEWAYS TO BE COORDINATED DIRECTLY WITH PROPERTY OWNERS. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON MURET CRESCENT, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURES.
- DUE TO THE DRIVEWAY CLOSURES, STAGE 4 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 4 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAYS, IS COMPLETED WITHIN THREE DAYS.

STAGE 5 (FULL EXTENT OF MURET CRESCENT)

- COMPLETE REMAINING ABOVEGROUND WORKS ON MURET CRESCENT. INSTALL CURBS AND PERMANENT SIDEWALK, FULL REPLACEMENT OF PAVEMENT TO EXISTING CONDITIONS OR BETTER. COMPLETE ALL RESTORATION WORKS INCLUDING GENERAL CLEAN UP AND DEMOLITION OFF SITE.
- NORMAL TRAFFIC FLOW, INCLUDING ACCESS TO EXISTING DRIVEWAYS, TO BE MAINTAINED AT ALL TIMES DURING STAGE 5 OF CONSTRUCTION. CURBS AND PAVING TO BE COMPLETED BY OCCUPYING HALF OF THE ROADWAY, WITH THE REMAINING HALF OF THE ROADWAY OPEN TO LOCAL TRAFFIC. TRAFFIC CONTROL PERSON TO BE PRESENT ON SITE DURING STAGE 5 TO ASSIST LOCAL RESIDENTS WITH ACCESS TO AND FROM MURET CRESCENT DURING COMPLETION OF THE ABOVEGROUND WORKS.

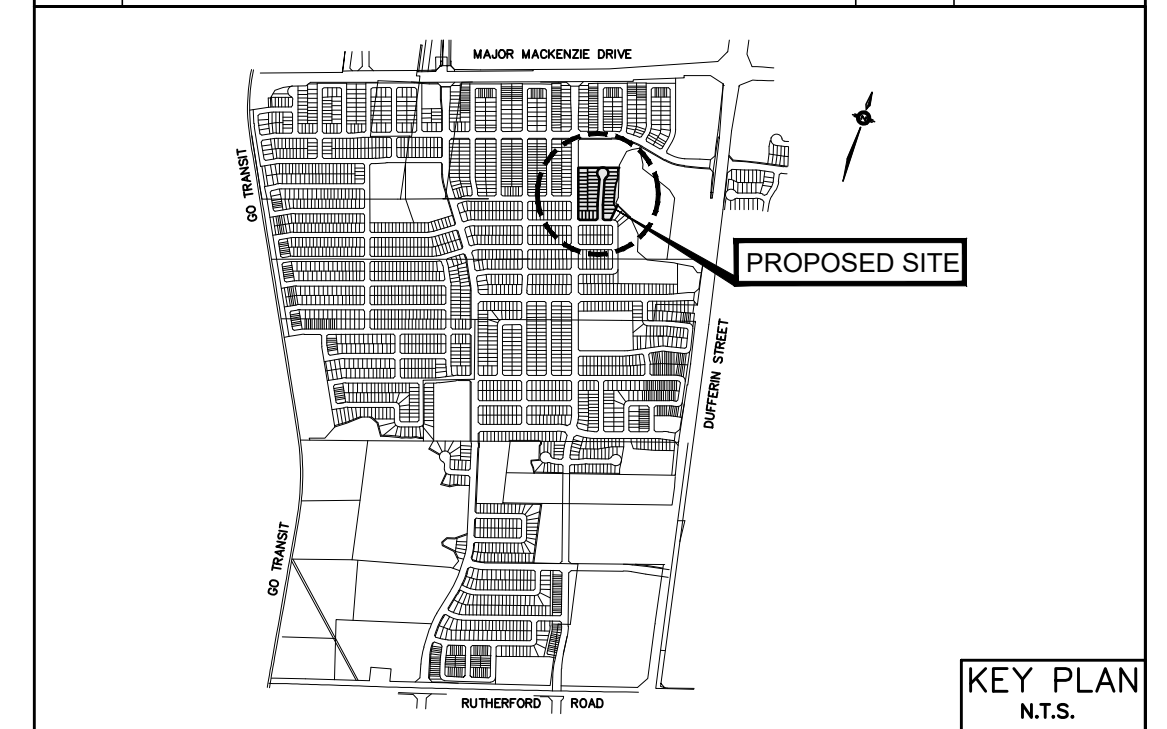


**DETOUR PLAN
PHASE 1**
SCALE=1:2000

DETOUR PLAN LEGEND

- CONSTRUCTION AREA
- TC-5 DENOTES DETOUR AHEAD SIGN
- TC-7 DENOTES DETOUR-TURN OFF / DIVERSION SIGN
- TC-7A DENOTES ROAD CLOSED (TAB SIGN)
- TC-7B DENOTES LOCAL TRAFFIC ONLY (TAB SIGN)
- TC-10 DENOTES DETOUR DESIGNATION SIGN
- TC-10A(LoR) DENOTES DETOUR MARKERS (DIVERSION LEFT OR RIGHT)
- TC-10B(LoR) DENOTES DETOUR MARKERS (TURN LEFT OR RIGHT)
- TC-10C DENOTES DETOUR MARKERS (CONTINUE STRAIGHT)
- TC-67 DENOTES STREET SECTION CLOSED SIGN
- RB-92 DENOTES ROAD CLOSED SIGN

REVISIONS			
No.	DESCRIPTION	By	Date



NOTES:
1. FOR GENERAL AND SPECIAL NOTES REFER TO DWG. NO. GN-1.
2. SIGNS TO BE PLACED AS PER "ONTARIO TRAFFIC MANUAL - BOOK 7: TEMPORARY CONDITIONS".

LEGEND

- TC-1 DENOTES CONSTRUCTION AHEAD SIGN
- TC-7 DENOTES DIVERSION/DETOUR SIGN
- TC-7A DENOTES ROAD CLOSED TAB
- TC-7B DENOTES LOCAL TRAFFIC ONLY TAB
- TC-53A DENOTES BARRICADES
- RB-92 DENOTES ROAD CLOSED SIGN

GENERAL NOTES (APPLY TO ALL STAGE):

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- ALL OF THE CONTRACTOR'S OPERATIONS AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE ONTARIO TRAFFIC MANUAL (OTM), BOOK 7 (TEMPORARY CONDITIONS). "TRAFFIC CONTROL PERSONS" SHALL BE AS DEFINED IN BOOK 7 OF THE ONTARIO TRAFFIC MANUAL.
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- THE CONTRACTOR SHALL PROVIDE TO THE TOWN A 24-HOUR CONTACT, WHICH MUST BE MADE AVAILABLE THROUGHOUT THE DURATION OF THE PROJECT.
- ALL TRENCHES CONSTRUCTED IN THE EXISTING ROADWAYS SHALL BE RESTORED TO MATCH THE EXISTING ROAD STRUCTURE. RESTORATION SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE COMPLETION OF THE TRENCH. WHERE THE TRENCH IS CONSTRUCTED IN STAGES AND THERE IS A DELAY BETWEEN THEM, RESTORATION SHALL BE DONE IN STAGES AND COMPLETED NOT MORE THAN TWENTY-FOUR (24) HOURS AFTER THE COMPLETION OF EACH STAGE. AT OTHER TIMES THE ROADWAY TRENCH IS TO BE PLATED, RECESSED FLUSH TO SURFACE, AND ALL LANES OF TRAFFIC OPENED.

BENCH MARK No. 00819708050

ELEVATIONS ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE MTO BENCH MARK No 00819708050 HAVING A PUBLISHED ELEVATION OF 183.937 METRES.

No.	Date	PERFECT SUBMISSION	ISSUED FOR
5	2024/02/02	REVISED AS PER CITY COMMENTS	
4	2023/12/05	REVISED AS PER CITY COMMENTS	
3	2023/10/13	REVISED AS PER CITY COMMENTS	
2	2023/07/10	REVISED AS PER CITY COMMENTS	
1	2022/05/02	PERFECT SUBMISSION	

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION

DATE: _____

BLOCK 18 PROPERTIES INC.
SCHOOL BLOCK REDEVELOPMENT

SCHAEFFERS
CONSULTING ENGINEERS
SCHAEFFER & ASSOCIATES LTD.

6 Rosrose Drive, Concord, Ontario L4K 4B3
Tel: (905) 738-6100
Fax: (905) 738-6875
Email: design@schaeffers.com

VAUGHAN

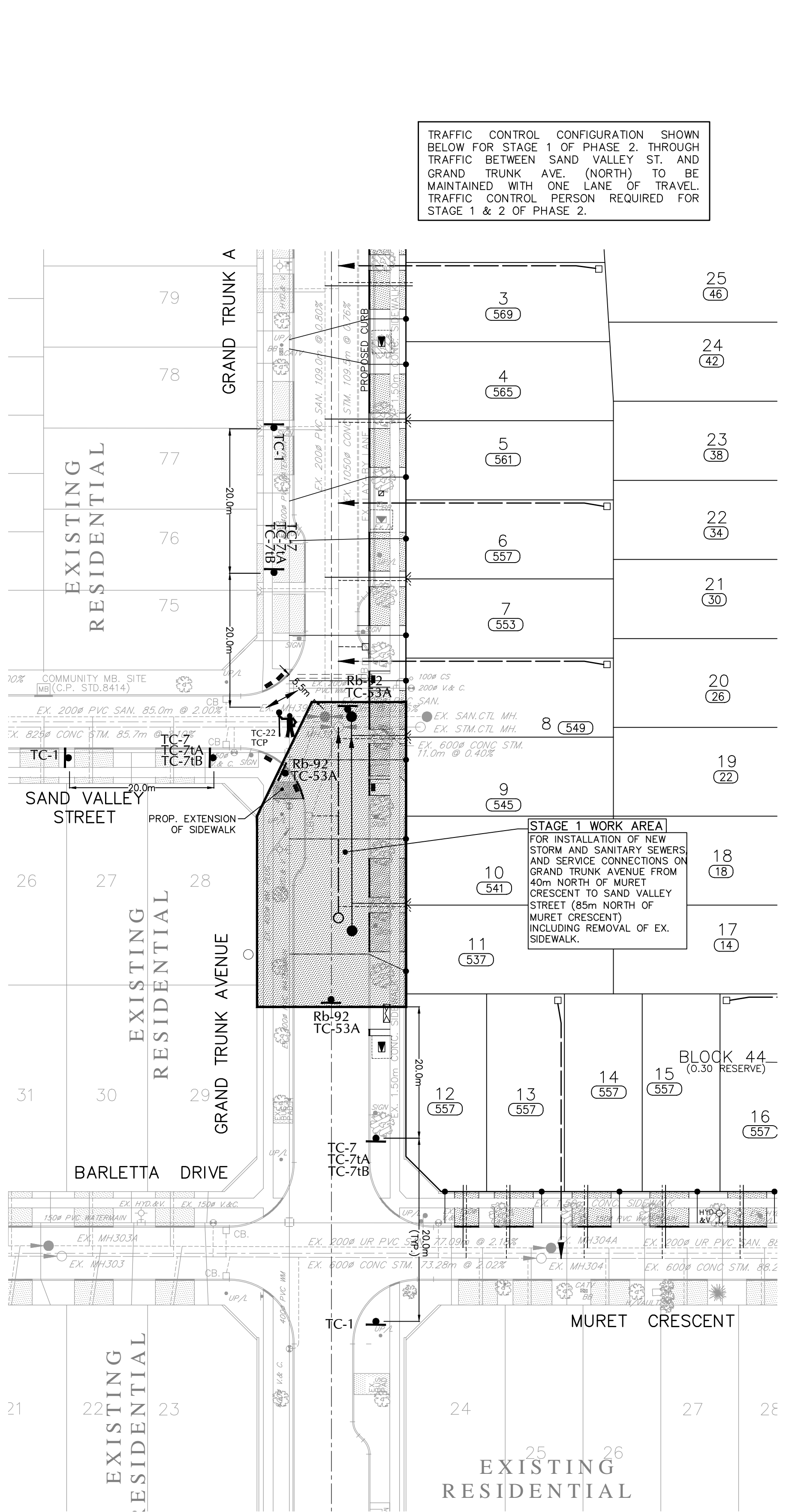
**TRAFFIC CONTROL PLAN
PHASE 1**
CITY FILE No. 19T-19V003

PROJECT No. **2020-4997** DRAWING No. **TC-1**

DRAWN BY: G.B. CHECKED BY: M.K. DATE: _____
DESIGNED BY: G.B. APPROVED BY: H.S. MAY 2023

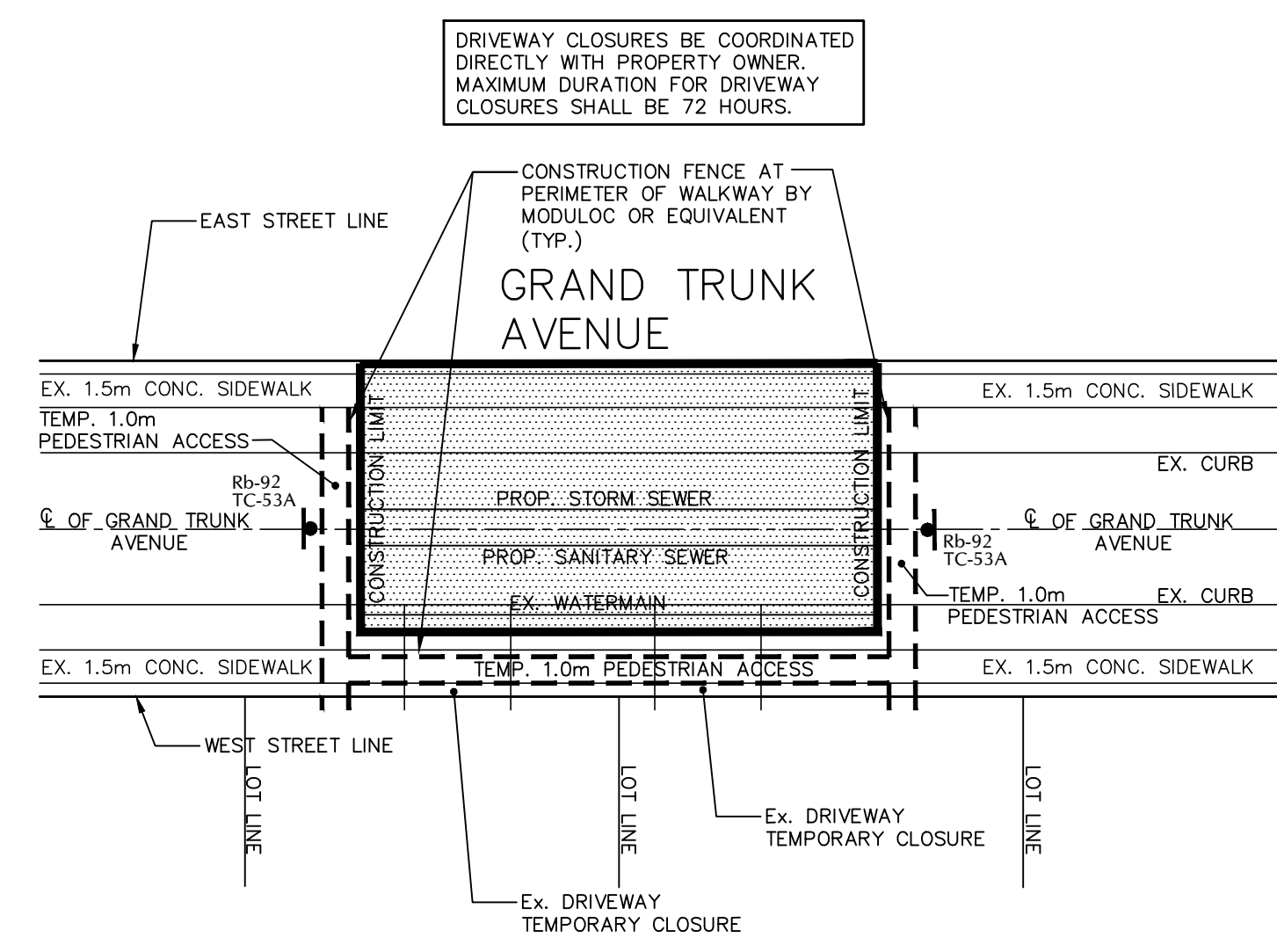
SCALE: 1:500

Attachment 3 - Traffic Control Plan - Phase 2 - Grand Trunk Ave



**DETAILED TRAFFIC CONTROL PLAN
PHASE 2**
SCALE=1:500

TRAFFIC CONTROL CONFIGURATION SHOWN BELOW FOR STAGE 1 OF PHASE 2. THROUGH TRAFFIC BETWEEN SAND VALLEY ST. AND GRAND TRUNK AVE. (NORTH) TO BE MAINTAINED WITH ONE LANE OF TRAVEL. TRAFFIC CONTROL PERSON REQUIRED FOR STAGE 1 & 2 OF PHASE 2.

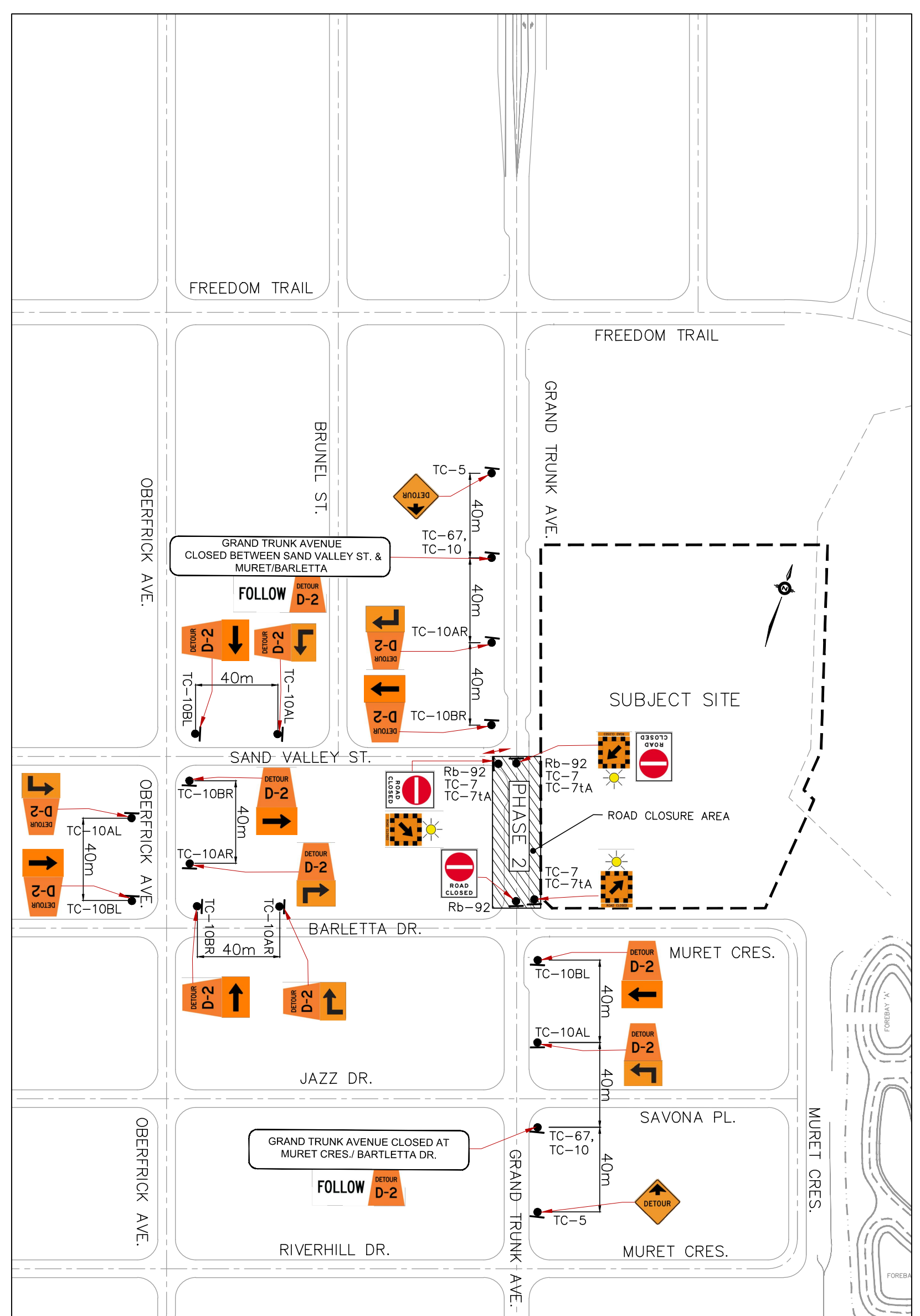


TYPICAL TEMPORARY PEDESTRIAN ACCESS DETAIL PHASE 2
N.T.S.

- DETOUR PLAN LEGEND**
- ▨ DENOTES CONSTRUCTION AREA
 - TC-5 DENOTES DETOUR AHEAD SIGN
 - TC-7 DENOTES DETOUR-TURN OFF/ DIVERSION SIGN
 - TC-7A DENOTES ROAD CLOSED (TAB SIGN)
 - TC-7B DENOTES LOCAL TRAFFIC ONLY (TAB SIGN)
 - TC-10 DENOTES DETOUR DESIGNATION SIGN
 - TC-10A(LoR) DENOTES DETOUR MARKERS (DIVERSION LEFT OR RIGHT)
 - TC-10B(LoR) DENOTES DETOUR MARKERS (TURN LEFT OR RIGHT)
 - TC-10C DENOTES DETOUR MARKERS (CONTINUE STRAIGHT)
 - TC-67 DENOTES STREET SECTION CLOSED SIGN
 - RB-92 DENOTES ROAD CLOSED SIGN

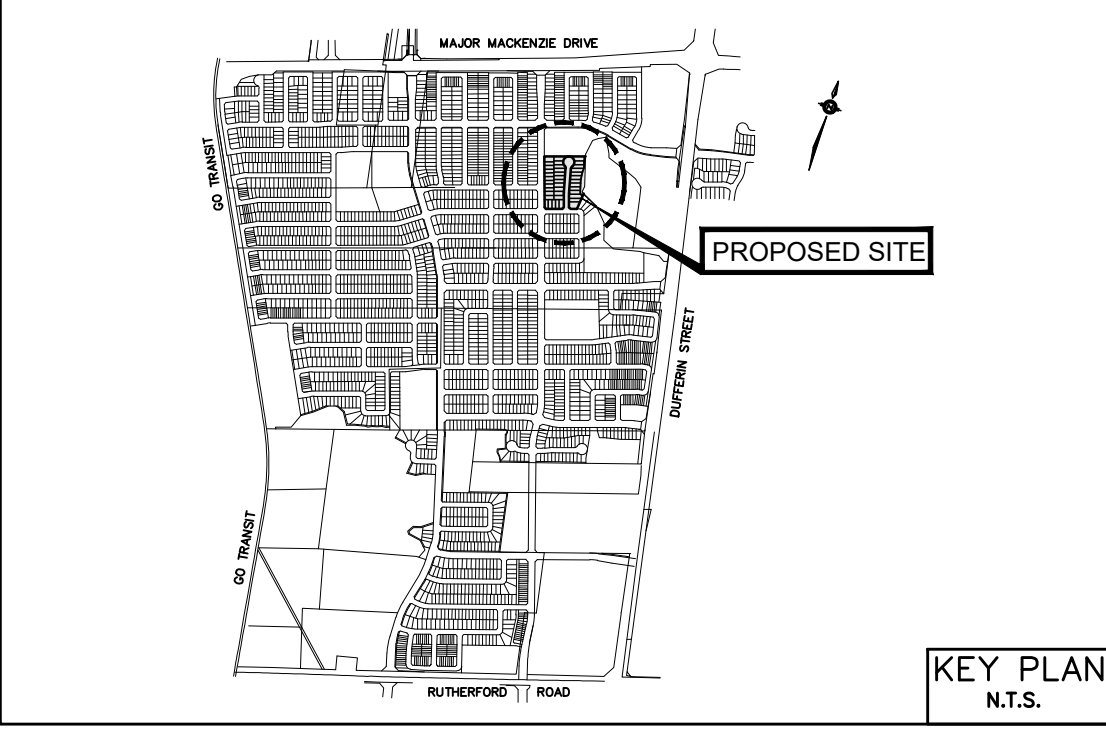
PHASE 2 SEQUENCING NOTES:

1. PHASE 2 OF CONSTRUCTION SHALL INCLUDE ALL PROPOSED WORKS ON GRAND TRUNK AVENUE, SOUTH OF SAND VALLEY STREET, INCLUDING WORKS AT THE INTERSECTION OF SAND VALLEY STREET AND GRAND TRUNK AVENUE.
2. PRIOR TO START OF ROAD WORKS, ALL EXISTING TREES ON EAST SIDE OF GRAND TRUNK AVENUE TO BE REMOVED AS PER LANDSCAPE DRAWINGS.
3. PHASE 2 TO BE COMPLETED IN TWO STAGES AS FOLLOWS:
 - STAGE 1 (FROM 40m NORTH OF MURET CRESCENT TO SAND VALLEY STREET)
 - ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO GRAND TRUNK AVENUE FROM MURET CRESCENT AND SAND VALLEY STREET SHALL BE RESTRICTED TO BOTH THROUGH AND LOCAL TRAFFIC.
 - THROUGH TRAFFIC FROM AND TO GRAND TRUNK AVENUE (NORTH) AND SAND VALLEY STREET TO BE MAINTAINED BY MEANS OF A SINGLE 5.5m WIDE THROUGH LANE CONTROLLED BY TRAFFIC CONTROL PERSONS.
 - STAGE 2 (GRAND TRUNK AVENUE, SOUTH OF SAND VALLEY STREET)
 - COMPLETE REMAINING ABOVEGROUND WORKS ON GRAND TRUNK AVENUE. REMOVE EXISTING LAY-BY LANE, INCLUDING CURBS, SIDEWALKS AND WIDEN ROAD TO PROPOSED CURB LOCATION. INSTALL CURBS AND PERMANENT SIDEWALK, REPLACEMENT OF PAVEMENT TO EXISTING CONDITIONS OR BETTER. COMPLETE ALL RESTORATION WORKS INCLUDING GENERAL CLEAN UP AND DEMOBILIZE OFF SITE.
 - NORMAL TRAFFIC FLOW, INCLUDING ACCESS TO EXISTING DRIVEWAYS, TO BE MAINTAINED AT ALL TIMES DURING STAGE 2 OF CONSTRUCTION. CURBS AND PAVING TO BE COMPLETED BY OCCUPYING HALF OF THE ROADWAY, WITH THE REMAINING HALF OF THE ROADWAY OPEN TO LOCAL TRAFFIC. TRAFFIC CONTROL PERSON TO BE PRESENT ON SITE DURING STAGE 2 TO ASSIST LOCAL RESIDENTS WITH ACCESS TO AND FROM GRAND TRUNK AVENUE DURING COMPLETION OF THE ABOVEGROUND WORKS.



**DETOUR PLAN
PHASE 2**
SCALE=1:2000

REVISIONS			
No.	DESCRIPTION	By	Date



NOTES:

1. FOR GENERAL AND SPECIAL NOTES REFER TO DWG. No. GN-1.
2. SIGNS TO BE PLACED AS PER 'ONTARIO TRAFFIC MANUAL - BOOK 7: TEMPORARY CONDITIONS'.

- LEGEND**
- TC-1 DENOTES CONSTRUCTION AHEAD SIGN
 - TC-7 DENOTES DIVERSION/ DETOUR SIGN
 - TC-7A DENOTES ROAD CLOSED TAB
 - TC-7B DENOTES LOCAL TRAFFIC ONLY TAB
 - TC-53A DENOTES BARRICADES
 - RB-92 DENOTES ROAD CLOSED SIGN

GENERAL NOTES (APPLY TO ALL STAGE):

1. THE CONTRACTOR MUST BE AWARE OF THE HEAVY TRAFFIC VOLUMES DURING THE MORNING AND EVENING RUSH HOURS, I.E. BEFORE 9:30 A.M. AND AFTER 3:30 P.M. THE CONTRACTOR MUST IMPLEMENT ALL NECESSARY MEASURES SUCH AS ENGAGING ADDITIONAL CONSTRUCTION CREWS IN ORDER TO COMPLETE THE WORK IN THE SHORTEST TIME POSSIBLE. THE WORK MUST BE SCHEDULED RESPECTING TRAFFIC FLOWS ON THE TOWN'S ROAD.
2. ALL OF THE CONTRACTOR'S OPERATIONS AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE ONTARIO TRAFFIC MANUAL (OTM), BOOK 7 (TEMPORARY CONDITIONS). "TRAFFIC CONTROL PERSONS" SHALL BE AS DEFINED IN BOOK 7 OF THE ONTARIO TRAFFIC MANUAL.
3. THE CONTRACTOR SHALL SCHEDULE THE WORK SO THAT THERE WILL BE NO OPEN EXCAVATION ADJACENT TO A LANE CARRYING TRAFFIC OVERNIGHT OR ON NON-WORKING DAYS, EXCEPT WHERE A TRAFFIC BARRIER DESIGNED TO RESTRAIN ERRANT VEHICLES IS LOCATED BETWEEN THE TRAFFIC AND THE EXCAVATION. MATERIALS SHALL NOT BE STORED WITHIN 4 METRES OF THE TRAVELLED PORTION OF ANY ROAD. APPROPRIATE FENCE AROUND ANY OPEN EXCAVATION OVERNIGHT/ WEEKENDS AND INSTALL APPROPRIATE SIGNAGE.
4. THE CONTRACTOR SHALL PROVIDE TO THE TOWN A 24-HOUR CONTACT, WHICH MUST BE MADE AVAILABLE THROUGHOUT THE DURATION OF THE PROJECT.
5. ALL TRENCHES CONSTRUCTED IN THE EXISTING ROADWAYS SHALL BE RESTORED TO MATCH THE EXISTING ROAD STRUCTURE. RESTORATION SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE COMPLETION OF THE TRENCH. WHERE THE TRENCH IS CONSTRUCTED IN STAGES AND THERE IS A DELAY BETWEEN THEM, RESTORATION SHALL BE DONE IN STAGES AND COMPLETED NOT MORE THAN TWENTY-FOUR (24) HOURS AFTER THE COMPLETION OF EACH STAGE. AT OTHER TIMES THE ROADWAY TRENCH IS TO BE PLATED, RECESSED FLUSH TO SURFACE, AND ALL LANES OF TRAFFIC OPENED.

BENCH MARK No. 00819708050
ELEVATIONS ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE MTO BENCH MARK No 00819708050 HAVING A PUBLISHED ELEVATION OF 183.937 METRES.

No.	Date	PERFECT SUBMISSION	ISSUED FOR
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4	2023/12/05	REVISED AS PER CITY COMMENTS	
3	2023/10/13	REVISED AS PER CITY COMMENTS	
2	2023/07/10	REVISED AS PER CITY COMMENTS	
1	2022/05/02	PERFECT SUBMISSION	

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT ENGINEERING DATE

BLOCK 18 PROPERTIES INC.
SCHOOL BLOCK REDEVELOPMENT

SCHAEFFERS
CONSULTING ENGINEERS

6 Rannose Drive, Concord, Ontario L4K 4B3
Tel: (905) 738-6100
Fax: (905) 738-6875
E-mail: design@schaeffers.com

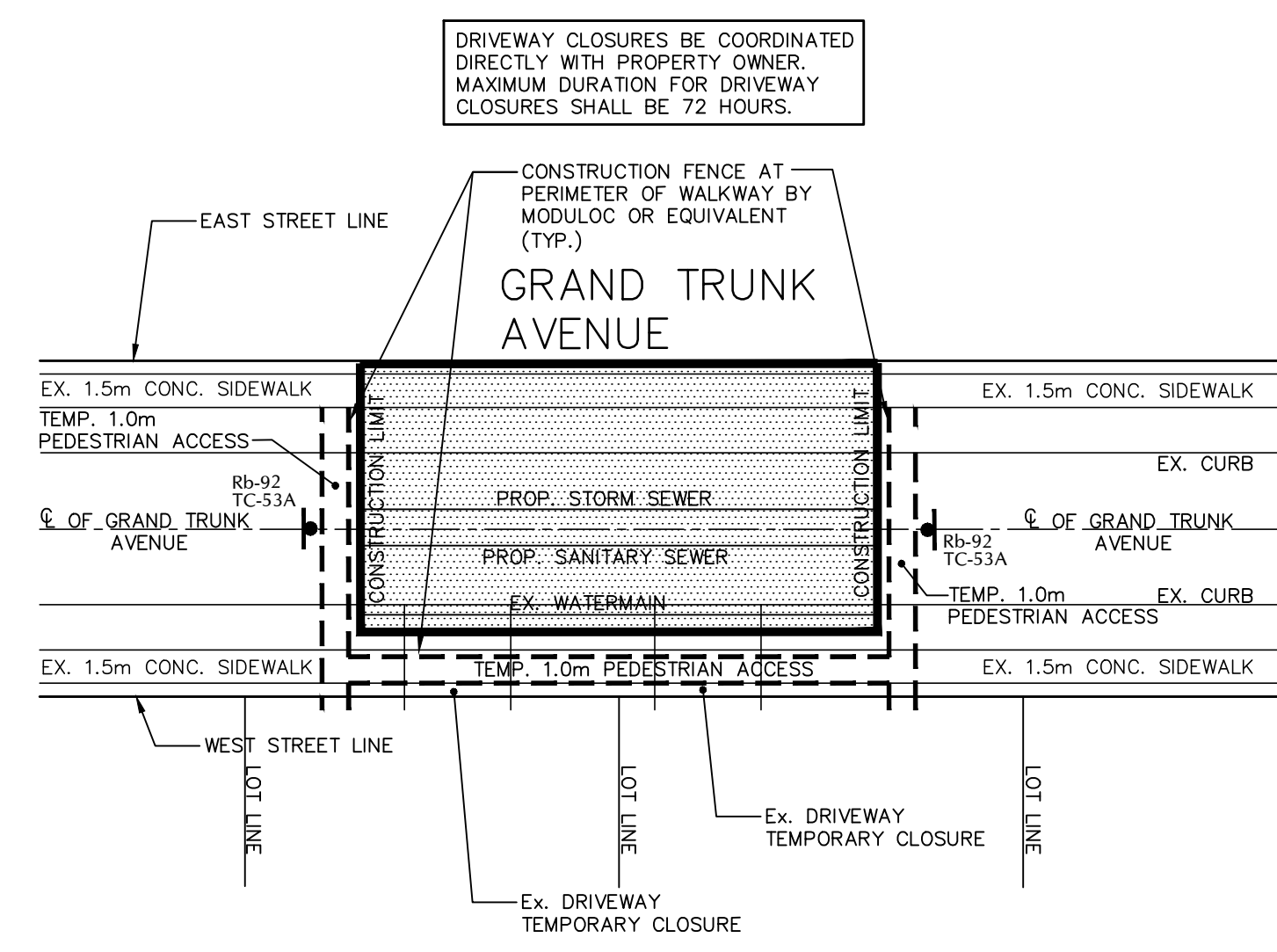
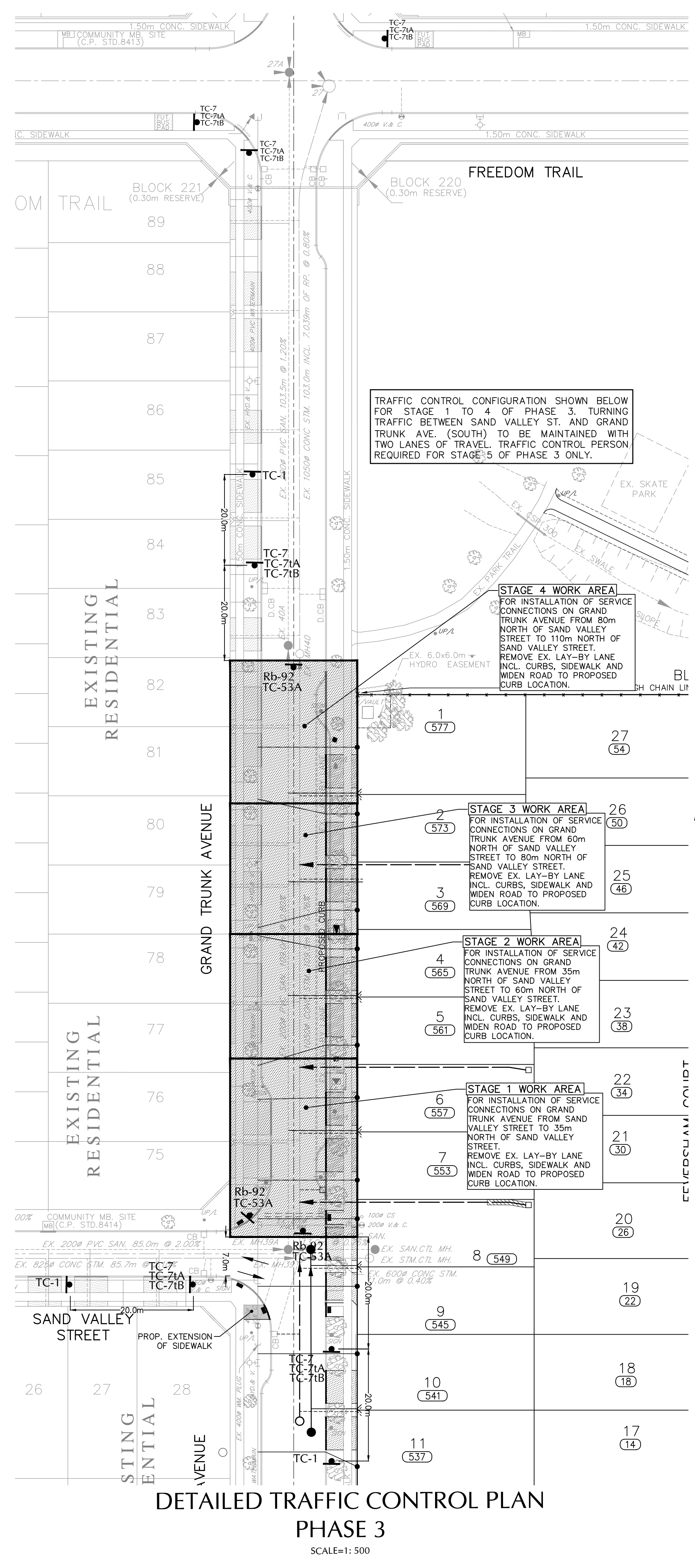
VAUGHAN

**TRAFFIC CONTROL PLAN
PHASE 2**
CITY FILE No. 19T-19V003

PROJECT No.	2020-4997	DRAWING No.	TC-2
DRAWN BY:	G.B.	CHECKED BY:	M.K.
DESIGNED BY:	G.B.	APPROVED BY:	H.S.
DATE:	MAY 2023	DATE:	MAY 2023

SCALE: 1:500

Attachment 4 - Traffic Control Plan - Phase 3 - Grand Trunk Ave



- DETOUR PLAN LEGEND**
- TC-5 DENOTES DETOUR AHEAD SIGN
 - TC-7 DENOTES DETOUR-TURN OFF / DIVERSION SIGN
 - TC-7A DENOTES ROAD CLOSED (TAB SIGN)
 - TC-7B DENOTES LOCAL TRAFFIC ONLY (TAB SIGN)
 - TC-10 DENOTES DETOUR DESIGNATION SIGN
 - TC-10A(LorR) DENOTES DETOUR MARKERS (DIVERSION LEFT OR RIGHT)
 - TC-10B(LorR) DENOTES DETOUR MARKERS (TURN LEFT OR RIGHT)
 - TC-10C DENOTES DETOUR MARKERS (CONTINUE STRAIGHT)
 - TC-67 DENOTES STREET SECTION CLOSED SIGN
 - RB-92 DENOTES ROAD CLOSED SIGN

PHASE 3 SEQUENCING NOTES:

1. PHASE 3 OF CONSTRUCTION SHALL INCLUDE ALL PROPOSED WORKS ON GRAND TRUNK AVENUE, NORTH OF SAND VALLEY STREET.
2. PRIOR TO THE START OF CONSTRUCTION, THE CITY OF VAUGHAN PARKING ENFORCEMENT TO BE NOTIFIED OF THE PROPOSED WORKS AND TEMPORARY PERMIT TO BE OBTAINED TO ALLOW OVERNIGHT RESIDENT PARKING ON GRAND TRUNK AVENUE DURING THE REQUIRED DRIVEWAY CLOSURE.
3. PRIOR TO START OF ROAD WORKS, ALL EXISTING TREES ON EAST SIDE OF GRAND TRUNK AVENUE TO BE REMOVED AS PER LANDSCAPE DRAWINGS.
4. PHASE 3 TO BE COMPLETED IN FIVE STAGES AS FOLLOWS:

STAGE 1 (FROM SAND VALLEY STREET TO 35m NORTH OF SAND VALLEY STREET)

- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO GRAND TRUNK AVENUE FROM FREEDOM TRAIL TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT No. 75 & 76 TO BE CLOSED. CLOSURE OF DRIVEWAY TO BE COORDINATED DIRECTLY WITH PROPERTY OWNER. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON GRAND TRUNK AVENUE, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURE.
- DUE TO THE DRIVEWAY CLOSURE, STAGE 1 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 1 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAY IF NEEDED, IS COMPLETED WITHIN THREE DAYS.

STAGE 2 (FROM 35m NORTH OF SAND VALLEY STREET TO 60m NORTH OF SAND VALLEY STREET)

- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO GRAND TRUNK AVENUE FROM FREEDOM TRAIL AND SAND VALLEY STREET TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAY FOR UNIT No. 77 & 78 TO BE CLOSED. CLOSURE OF DRIVEWAY TO BE COORDINATED DIRECTLY WITH PROPERTY OWNER. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON GRAND TRUNK AVENUE, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURE.
- DUE TO THE DRIVEWAY CLOSURE, STAGE 2 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 2 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAY IF NEEDED, IS COMPLETED WITHIN THREE DAYS.

STAGE 3 (FROM 60m NORTH OF SAND VALLEY STREET TO 80m NORTH OF SAND VALLEY STREET)

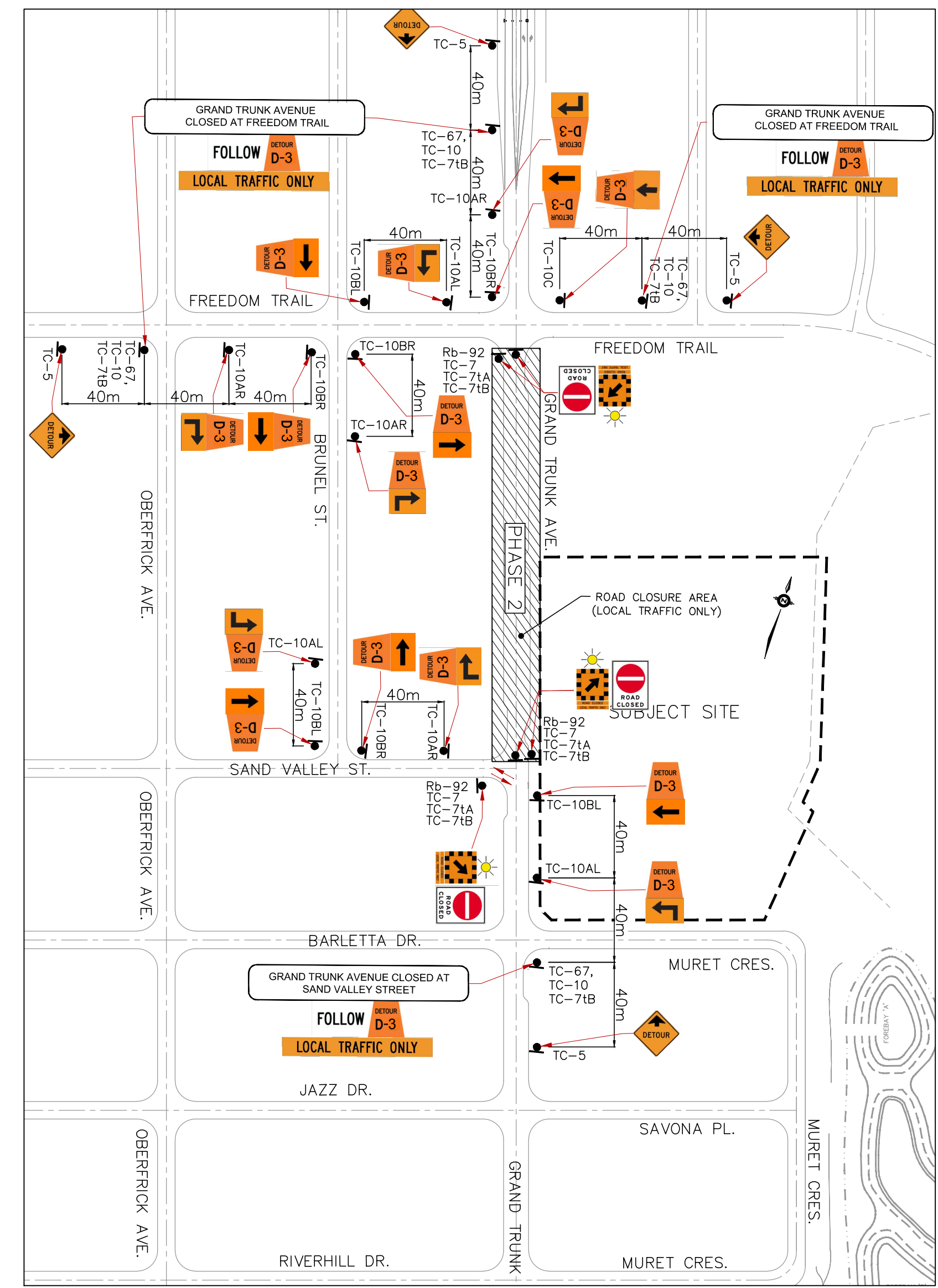
- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO GRAND TRUNK AVENUE FROM FREEDOM TRAIL AND SAND VALLEY STREET TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAYS FOR UNIT No. 79 & 80 TO BE CLOSED. CLOSURE OF DRIVEWAYS TO BE COORDINATED DIRECTLY WITH PROPERTY OWNERS. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON GRAND TRUNK AVENUE, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURES.
- DUE TO THE DRIVEWAY CLOSURES, STAGE 3 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 3 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAYS IF NEEDED, IS COMPLETED WITHIN THREE DAYS.

STAGE 4 (FROM 80m NORTH OF SAND VALLEY STREET TO 110m NORTH OF SAND VALLEY STREET)

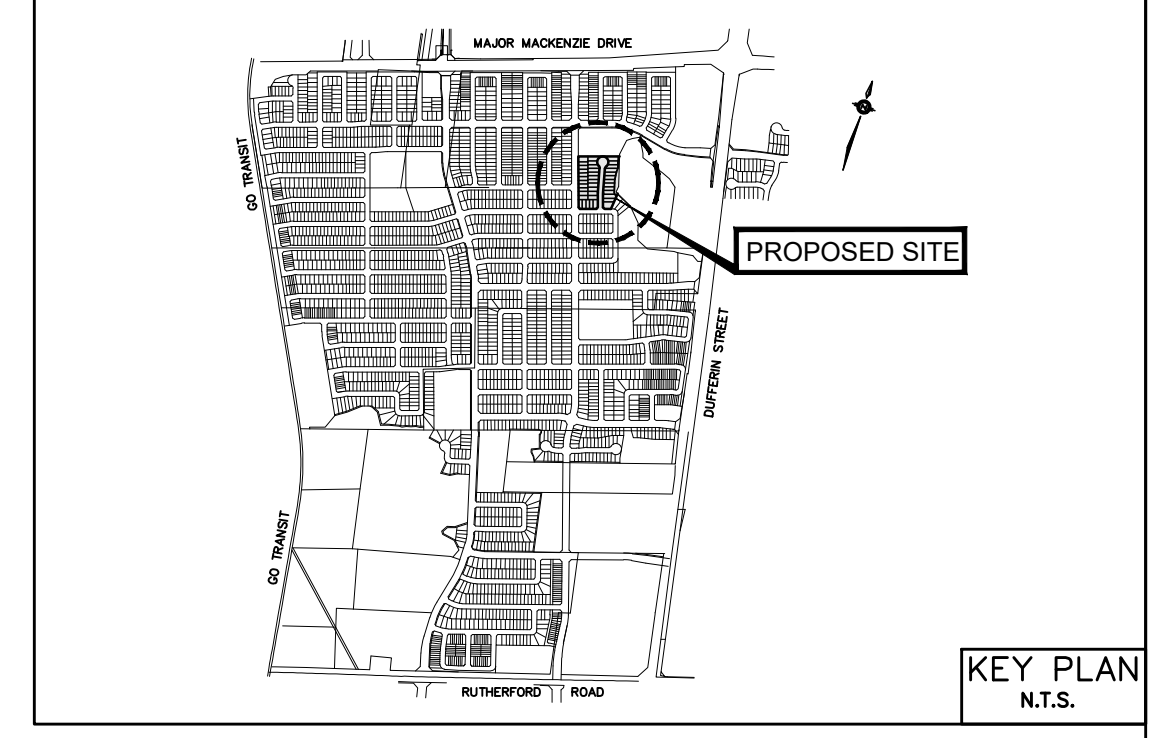
- ISOLATE WORK AREA FOR UNDERGROUND WORKS AS SHOWN. ACCESS TO GRAND TRUNK AVENUE FROM FREEDOM TRAIL AND SAND VALLEY STREET TO BE MAINTAINED FOR LOCAL TRAFFIC.
- DRIVEWAYS FOR UNIT No. 81 & 82 TO BE CLOSED. CLOSURE OF DRIVEWAYS TO BE COORDINATED DIRECTLY WITH PROPERTY OWNERS. CONTRACTOR TO PROVIDE ACCESS FROM ALTERNATIVE OVERNIGHT PARKING ON GRAND TRUNK AVENUE, ALONG WITH SAFE/ISOLATED PEDESTRIAN CORRIDOR TO EXISTING PROPERTY, AS SHOWN ON PLAN FOR THE DURATION OF THE DRIVEWAY CLOSURES.
- DUE TO THE DRIVEWAY CLOSURES, STAGE 4 SHALL BE COMPLETED WITHIN 72 HOURS. CONTRACTOR TO ENGAGE ADDITIONAL WORK CREWS IF NECESSARY TO ENSURE ALL STAGE 4 WORK, INCLUDING RESTORATION OF EXISTING DRIVEWAYS IF NEEDED, IS COMPLETED WITHIN THREE DAYS.

STAGE 5 (FROM SAND VALLEY STREET TO 110m NORTH OF SAND VALLEY STREET)

- COMPLETE REMAINING ABOVEGROUND WORKS ON GRAND TRUNK AVENUE. REMOVE EXISTING LAY-BY LANE, INCLUDING CURBS, SIDEWALKS AND WIDEN ROAD TO PROPOSED CURB LOCATION. INSTALL CURBS AND PERMANENT SIDEWALK, REPLACEMENT OF PAVEMENT TO EXISTING CONDITIONS OR BETTER. COMPLETE ALL RESTORATION WORKS INCLUDING GENERAL CLEAN UP AND DEMOBILIZE OFF SITE.
- NORMAL TRAFFIC FLOW, INCLUDING ACCESS TO EXISTING DRIVEWAYS, TO BE MAINTAINED AT ALL TIMES DURING STAGE 5 OF CONSTRUCTION. CURBS AND PAVING TO BE COMPLETED BY OCCUPYING HALF OF THE ROADWAY, WITH THE REMAINING HALF OF THE ROADWAY OPEN TO LOCAL TRAFFIC. TRAFFIC CONTROL PERSON TO BE PRESENT ON SITE DURING STAGE 5 TO ASSIST LOCAL RESIDENTS WITH ACCESS TO AND FROM GRAND TRUNK AVENUE DURING COMPLETION OF THE ABOVEGROUND WORKS.



REVISIONS			
No.	DESCRIPTION	By	Date



- NOTES:**
1. FOR GENERAL AND SPECIAL NOTES REFER TO DWG. No. GN-1.
 2. SIGNS TO BE PLACED AS PER "ONTARIO TRAFFIC MANUAL - BOOK 7: TEMPORARY CONDITIONS".

- LEGEND**
- TC-1 DENOTES CONSTRUCTION AHEAD SIGN
 - TC-7 DENOTES DIVERSION / DETOUR SIGN
 - TC-7A DENOTES ROAD CLOSED TAB
 - TC-7B DENOTES LOCAL TRAFFIC ONLY TAB
 - TC-53A DENOTES BARRICADES
 - RB-92 DENOTES ROAD CLOSED SIGN

GENERAL NOTES (APPLY TO ALL STAGE):

1. THE CONTRACTOR MUST BE AWARE OF THE HEAVY TRAFFIC VOLUMES DURING THE MORNING AND EVENING RUSH HOURS, IE BEFORE 9:30 A.M. AND AFTER 3:30 P.M. THE CONTRACTOR MUST IMPLEMENT ALL NECESSARY MEASURES SUCH AS ENGAGING ADDITIONAL CONSTRUCTION CREWS IN ORDER TO COMPLETE THE WORK IN THE SHORTEST TIME POSSIBLE. THE WORK MUST BE SCHEDULED RESPECTING TRAFFIC FLOWS ON THE TOWN'S ROAD.
2. ALL OF THE CONTRACTOR'S OPERATIONS AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE ONTARIO TRAFFIC MANUAL (OTM), BOOK 7 (TEMPORARY CONDITIONS). "TRAFFIC CONTROL PERSONS" SHALL BE AS DEFINED IN BOOK 7 OF THE ONTARIO TRAFFIC MANUAL.
3. THE CONTRACTOR SHALL SCHEDULE THE WORK SO THAT THERE WILL BE NO OPEN EXCAVATION ADJACENT TO A LANE CARRYING TRAFFIC OVERNIGHT OR NON-WORKING DAYS, EXCEPT WHERE A TRAFFIC BARRIER DESIGNED TO RESTRAIN ERRANT VEHICLES IS LOCATED BETWEEN THE TRAFFIC AND THE EXCAVATION. MATERIALS SHALL NOT BE STORED WITHIN 4 METRES OF THE TRAVELLED PORTION OF ANY ROAD. APPROPRIATE FENCE AROUND ANY OPEN EXCAVATION OVERNIGHT / WEEKENDS AND INSTALL APPROPRIATE SIGNAGE.
4. THE CONTRACTOR SHALL PROVIDE TO THE TOWN A 24-HOUR CONTACT, WHICH MUST BE MADE AVAILABLE THROUGHOUT THE DURATION OF THE PROJECT.
5. ALL TRENCHES CONSTRUCTED IN THE EXISTING ROADWAYS SHALL BE RESTORED TO MATCH THE EXISTING ROAD STRUCTURE. RESTORATION SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE COMPLETION OF THE TRENCH. WHERE THE TRENCH IS CONSTRUCTED IN STAGES AND THERE IS A DELAY BETWEEN THEM, RESTORATION SHALL BE DONE IN STAGES AND COMPLETED NOT MORE THAN TWENTY-FOUR (24) HOURS AFTER THE COMPLETION OF EACH STAGE. AT OTHER TIMES THE ROADWAY TRENCH IS TO BE PLATED, RECESSED FLUSH TO SURFACE, AND ALL LANES OF TRAFFIC OPENED.

BENCH MARK No. 00819708050
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No.	Date	PERFECT SUBMISSION	Issued for
5	2024/02/02	REVISED AS PER CITY COMMENTS	APPROVED AS TO FORM IN RELIANCE, UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION H. SARKISJIAN REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO MAY 6, 2024 DIRECTOR OF DEVELOPMENT ENGINEERING DATE
4	2023/12/05	REVISED AS PER CITY COMMENTS	
3	2023/10/13	REVISED AS PER CITY COMMENTS	
2	2023/07/10	REVISED AS PER CITY COMMENTS	
1	2022/05/02	PERFECT SUBMISSION	

BLOCK 18 PROPERTIES INC.
SCHOOL BLOCK REDEVELOPMENT

SCHAEFFERS
CONSULTING ENGINEERS
SCHAEFFER & ASSOCIATES LTD.

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Email: design@schaeffers.com

VAUGHAN

TRAFFIC CONTROL PLAN PHASE 3
CITY FILE No. 19T-19V003

PROJECT No. 2020-4997 DRAWING No. TC-3

DRAWN BY: G.B. CHECKED BY: M.K. DATE: MAY 2023
DESIGNED BY: G.B. APPROVED BY: H.S.

SCALE: 1:500

PUBLIC COMMUNICATION PLAN

GRAND TRUNK AVENUE AND MURET CRESCENT SERVICING CONSTRUCTION

City of Vaughan

Project: 2020-4997

May 2024



SCHAEFFERS
CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

Table of Contents

1.0 INTRODUCTION.....	2
1.1 General Information	2
1.2 Schedule	2
2.0 PURPOSE.....	3
3.0 DESCRIPTION OF CLOSURES AND DETOURS.....	3
3.1 Temporary Road Closure	3
3.2 Detours	4
3.3 Reasons for Temporary Road Closure	5
3.3.1 Safety	5
3.3.2 Construction Restrictions.....	5
3.3.3 Speed and Quality	6
3.3.4 Economic and Traffic Benefits.....	6
4.0 RESPONSIBILITIES	7
4.1 General Contractor	7
4.2 Engineering Consultant	7
4.3 City of Vaughan	7
4.4 Geotechnical Consultant.....	7
5.0 COMMUNICATION PLAN.....	8
5.1 Target Audience	8
5.2 Communication Methods	8
5.3 Implementation.....	8
5.4 Project Team Contacts	10
5.5 Emergency Contact Information	10

Figures

Figure 1: Grand Trunk Detour Identification Plan

Figure 2: Muret Detour Identification Plan

Figure 3: Notice Distribution Plan

Enclosures

Notification of Construction – Grand Trunk Avenue 1

Notification of Construction – Grand Trunk Avenue 2

Notification of Construction – Muret Crescent

Traffic Control Plan – Phase 1 Muret Crescent (TC-1)

Traffic Control Plan – Phase 2 Grand Trunk Ave. (TC-2)

Traffic Control Plan – Phase 3 Grand Trunk Ave. (TC-3)

1.0 INTRODUCTION

As part of the Residential Subdivision Development Project, **Grand Trunk Avenue** and **Muret Crescent** will require a temporary road closure to install new storm and sanitary sewers within the roadways and storm, sanitary, and water service connections for the proposed residential development. Temporary Road closure is required along **Grand Trunk Avenue** between **Freedom Trail** and **Barletta Drive**, and along **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place**.

This Public Communication Plan has been prepared by Schaeffer & Associates Ltd., on behalf of Block 18 Properties Inc. to describe the communication process required to inform residents, emergency services, and other affected parties of the construction works within **Grand Trunk Avenue** and **Muret Crescent**.

1.1 General Information

Grand Trunk Avenue

This portion of **Grand Trunk Avenue** is a two-lane minor collector city road. Existing storm and sanitary sewers are located along the existing roadways and an existing watermain is located in the west boulevard. The proposed residential development will require the construction of new storm and sanitary sewers on **Grand Trunk Avenue**, and storm, sanitary and water service connections to the lots fronting **Grand Trunk Avenue**.

Muret Crescent

This portion of **Muret Crescent** is a two-lane local city road. Existing storm and sanitary sewers are located along the existing roadway and an existing watermain located in the north boulevards. The proposed residential development will require the construction of new storm and sanitary sewers and manholes on **Muret Crescent**, and storm, sanitary and water services connections to the lots fronting **Muret Crescent**.

In order to carry out construction in a safe, economical, and timely manner, temporary full closure of **Grand Trunk Avenue**, between **Freedom Trail** and **Barletta Drive**, and temporary full closure of **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place** is required.

1.2 Schedule

Construction on Grand Trunk Avenue and Muret Crescent

The construction of underground services and restoration works within Grand Trunk Avenue and Muret Crescent will require temporary full road closures in 3 phases, from July 2nd - August 15th, 2024. Breakdown of closure dates for each section of road can be found below.

2.0 PURPOSE

The purpose of this document is to describe the planned communication process and to inform the public about the construction works as well as the proposed temporary closure of Grand Trunk Avenue, between Freedom Trail and Barletta Drive, and Muret Crescent, between Grand Trunk Avenue and Savona Place, required to safely complete the installation of new municipal services. More specifically, the purpose of this document is:

- To provide a document for communications and public relations support;
- To provide suitable communication opportunities and effective advertising materials;
- To inform the public of the proposed construction works;
- To provide the project team members with the information and tools to effectively communicate the proposed works with residents, emergency services, transit, utility companies, schools and commercial parties;
- To develop a plan for distributing notices regarding the proposed works; and
- To provide local property owners with key project information in order to alleviate the impact of the construction works on the local community.

3.0 DESCRIPTION OF CLOSURES AND DETOURS

3.1 *Temporary Road Closures*

The scope of work to be done during the temporary road closures are as follows;

- New storm and sanitary sewers will be constructed, and storm, sanitary and water servicing connections installed within Grand Trunk Avenue, between Freedom Trail and Barletta Drive to service the Residential development.
- New storm and sanitary sewers will be constructed, and storm, sanitary and water services installed within Muret Crescent, between Grand Trunk Avenue and Savona Place, to service the Residential development.

In order to carry out construction in a safe and timely manner, a temporary full road closure is to occur on;

- **Grand Trunk Avenue, between Freedom Trail and Barletta Drive.** The closures will take place in 2 phases. Closure between Barletta and Sand Valley will occur from July 24th – July 31st, 2024. Closure between Sand Valley and 100m north of Sand Valley will occur from August 1st – August 15th, 2024.

The total length of road closure on Grand Trunk Avenue will be approximately 170m, completed in 2 phases to maintain traffic on Sand Valley Street. **Figure 1** (Grand Trunk Detour Identification Plans) enclosed below illustrates the location of construction and extent of proposed road closure area. **Figure 1** (Grand Trunk Detour Identification Plans) also illustrates the proposed vehicular detour routes associated with the road closure.

- **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place**. The closures will take place from July 2nd - July 23rd, 2024.

The total length of road closure on Grand Trunk Avenue will be approximately 120m. **Figure 2** (Muret Detour Identification Plan) enclosed below illustrates the location of construction and extent of proposed road closure area. **Figure 2** (Muret Detour Identification Plan) also illustrates the proposed vehicular detour routes associated with the road closure.

3.2 Detours

Grand Trunk Avenue

The construction of storm and sanitary sewers, and installation of service connections within Grand Trunk Avenue will be completed in a phased manner to maintain traffic on Sand Valley Street. During construction, traffic will be routed according to the detour plans presented in **Figure 1** (Grand Trunk Detour Identification Plans). The first phase of road closure on Grand Trunk Avenue will be between Barletta Drive and Sand Valley Road, the second phase will be between Sand Valley Road and Freedom Trail.

During the first closure phase, traffic needing to head northbound on Grand Trunk Avenue will follow the detour signs and be directed west on Barletta Drive towards the intersection of Barletta Drive and Oberfrick Avenue. The detours will then guide traffic north through Oberfrick Avenue towards Sand Valley Street, where they can turn east on Sand Valley Street towards Grand Trunk Avenue where they will be directed north and end up back on Grand Trunk Avenue.

Traffic heading southbound on Grand Trunk Avenue will follow detours on the same roads, starting by heading west on Sand Valley Road and then south using Oberfrick Avenue. Traffic will then be guided east towards Grand Trunk Avenue.

During the second closure phase, traffic needing to head northbound on Grand Trunk will follow the detour signs and be directed west on Sand Valley Road towards Brunel Street. Traffic will then follow the detour north on Brunel Street towards Freedom Trail, where they can turn east to end up back at Grand Trunk Avenue.

Traffic heading southbound on Grand Trunk Avenue will follow detours on the same road, starting by heading west on Freedom Trail and then south on Brunel Street. Traffic will then be guided east on Sand Valley Road back towards Grand Valley Road.

Placement of the signs indicating the road closure can be found in the Engineering Drawing (TC-2 & TC-3) attached in the **Enclosures** for reference.

Muret Crescent

During the construction of storm and sanitary sewers, and installation of service connections within Muret Crescent, traffic will be routed according to the detour plan presented in **Figure 2** (Muret Detour Identification Plan). Access to Muret Crescent from Grand Trunk Avenue will be restricted during the construction works. Access to Muret Crescent will need to be from Savona Place or Muret Crescent intersection with Grand Trunk/Riverhill Drive to the south.

Traffic heading northbound on Grand Trunk Avenue towards Muret Crescent will follow the detour signs and be directed east on Savona Place towards Muret Crescent.

Traffic heading southbound on Grand Trunk Avenue needing access to Muret Crescent will follow detours on the same roads, starting by heading south on Grand Trunk Avenue, past the road closure at Muret Crescent, turning east on Savona Place towards Muret Crescent.

Placement of the signs indicating the road closure can be found in the Engineering Drawing (TC-1) attached in the **Enclosures** for reference.

3.3 Reasons for Temporary Road Closure

3.3.1 Safety

The safety of the workers and nearby residents is of the highest priority and the temporary road closure is a crucial step in achieving this. Temporary road closures would establish an isolated work environment for the contractor, resulting in a safe work environment for the workers and the general public.

3.3.2 Construction Restrictions

Road closures are necessary for the construction of the storm and sanitary sewers and service connections. Large machinery and support equipment, such as dump trucks, are required to transport and utilize the material needed and complete the construction for this project. However, there is not enough space on the relevant roadways to accommodate local traffic while continuing operations and performing the construction.

3.3.3 Speed and Quality

Temporary closures of the roads would expedite the construction process and provide a better finished product for the City of Vaughan. With the closures in place, the contractor is able to schedule the necessary operations at a much quicker pace and accelerate the construction of the new systems, therefore, minimizing disruptions and inconveniences to local residents and the general public. In addition to this, the closures would eliminate the need to excavate and restore the work zone on a daily basis, speeding up the construction process.

3.3.4 Economic and Traffic Benefits

The residential construction in this location will increase the economic benefits and provide housing for residents. The City will benefit from the property tax generated by the development.

4.0 RESPONSIBILITIES

This section describes the responsibilities of each participating party to the public communication process.

4.1 General Contractor

The General Contractor (To Be Selected) will assume the responsibility of supplying and installing all signage as shown on the Traffic Control Detour Plans (TC-1, TC-2, TC-3). In addition, the General Contractor will ensure all work is carried out in accordance with the requirements of the Ontario Traffic Manual Book 7. The General Contractor will be responsible for notifying the Consultant of any changes to the site conditions or the construction schedule which may impact the strategies presented in this Public Communication Plan.

4.2 Engineering Consultant

Schaeffer & Associates Ltd. will be the Consultant for this project and will serve as the primary contact for the City of Vaughan and the public. The Consultant will monitor the Contractor's operations and ensure the General Contractor's conformance to the policies presented in this plan.

4.3 City of Vaughan

The City of Vaughan has been circulated the Traffic Detour Plans (TC-1, TC-2, TC-3). Information prepared to communicate with those affected will be available at the Vaughan Contact Centre.

4.4 Geotechnical Consultant

The Owner has retained EXP Services Inc. to complete the necessary sampling and testing of the new municipal infrastructure in accordance with City specifications prior to the reopening of the road to the public.

5.0 COMMUNICATION PLAN

5.1 Target Audience

The target audiences for the Construction Public Communication Plan include:

Internal

- Project Team Members;
- General Contractor;
- Vaughan Operations Department.

External

- Local Property Owners;
- Public Transit Services;
- Public Utilities;
- Canada Post;
- Emergency Services (Fire, Police, Ambulance, etc.).
- Local Schools

5.2 Communication Methods

Communication methods for this project are as follows:

- Public Notices – Hand delivered or by mail to local property owners;
- Public Notice Signs;
- Project Construction Signs;
- Road Closure Signs
- Pre-Construction Meeting with the City, Contractor, and Consultant.

5.3 Implementation

Public Notices

The proposed Public Notices are listed below along with corresponding timeline for each notification.

An all encompassing **Notice of Construction** will be distributed to:

- Emergency Services;
- Local Property Owners;
- Public Transit Services;

- Public Utilities; and
- Canada Post.
- Local Schools

This notice will provide the important information regarding the type of construction, construction timeline, and contact information. The Notice of Construction will be distributed prior to the start of construction to the property owners within the area outlined in **Figure 3** (Notice Distribution Plan).

Furthermore, transit routes have been cross-checked with the YRT System Map and no bus routes will be affected by the closures.

Public Notice Signage

Signs containing information about the temporary road closure will be posted prior to the start of the construction.

Project and Construction Signage

The General Contractor will install traffic control signs, construction signs, and barricades in accordance with the approved Traffic Control Plan attached in the **Enclosures** and the Ontario Traffic Manual Book 7. All traffic control measures will be installed immediately prior to start of construction. The Contractor should recognize that traffic control measures may require modification during the course of construction to accommodate unforeseen or changing site conditions, as determined by the Consulting Engineer and the City of Vaughan. The General Contractor shall immediately notify Schaeffer & Associates Ltd. and the City of Vaughan of any changes to the schedule or proposed traffic control measures presented in this document.

5.4 Project Team Contacts

Consultant Contacts

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City of Vaughan Contact

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5.5 Emergency Contact Information

The following individual is the key contact for the project, also appointed as an emergency contact, and will be available during the duration of road closure.

Contractor

To Be Selected

ENCLOSURES

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CONSTRUCTION
CITY OF VAUGHAN



SCHAEFFERS

CONSULTING ENGINEERS

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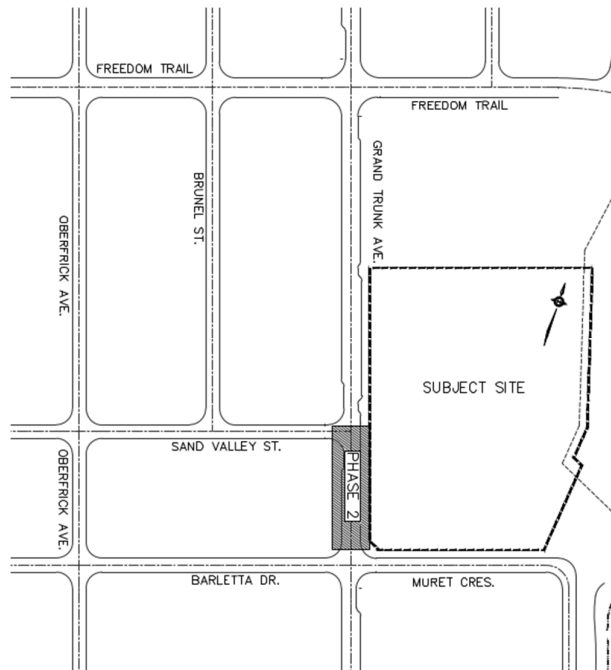
Tel:(905)738-6100

Email:general@schaeffers.com

Fax: (905)738-6875

NOTICE TO RESIDENTS

GRAND TRUNK AVENUE TEMPORARY ROAD CLOSURE 1



Dear Property Owner or Tenant:

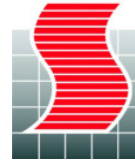
Please be advised that Grand Trunk Avenue will be closed from Barletta Drive to Sand Valley Road from July 24th 2024 to July 31st 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will be available from Grand Trunk Avenue by using the posted detour routes along Barletta Dr, Oberfrick Ave. and Sand Valley St. during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.



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Fax: (905) 738-6875

NOTICE TO RESIDENTS

GRAND TRUNK AVENUE TEMPORARY ROAD CLOSURE 2



Dear Property Owner or Tenant:

Please be advised that Grand Trunk Avenue will be closed from Sand Valley Street to approximately 100m north from August 1st 2024 to August 15th 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will be available from Grand Trunk Avenue by using the posted detour routes along Sand Valley St, Brunel St. and Freedom Trail during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.



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MURET CRESCENT
SERVICING
CONSTRUCTION
CITY OF VAUGHAN



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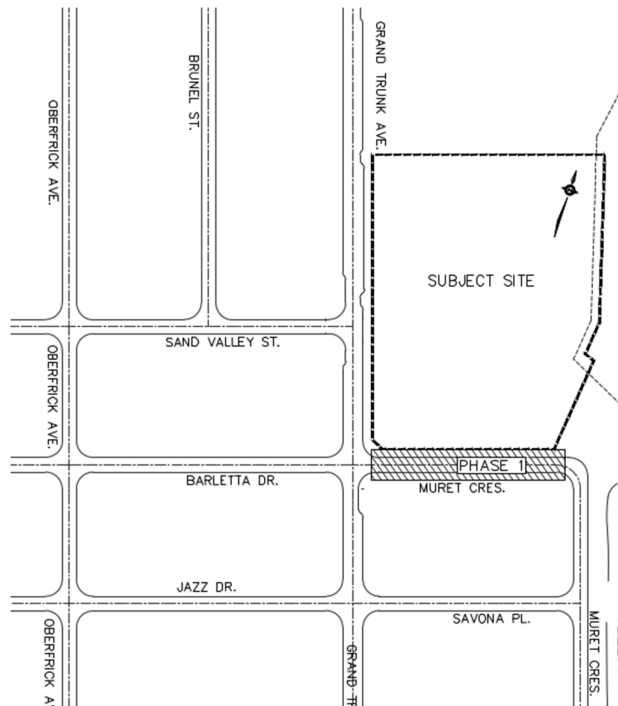
Tel: (905) 738-6100

Email: general@schaeffers.com

Fax: (905) 738-6875

NOTICE TO RESIDENTS

MURET CRESCENT TEMPORARY ROAD CLOSURE



Dear Property Owner or Tenant:

Please be advised that Muret Crescent will be closed from Grand Trunk Avenue to approximately 120m east from July 2nd 2024 to July 23rd 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will only be available by using Savona Place or Muret Cres. and Grand Trunk south intersection during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.



PUBLIC COMMUNICATION PLAN

PETER RUPERT AVENUE SERVICING CONSTRUCTION

City of Vaughan

Project: 2022-5269

May 2024



SCHAEFFERS
CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

Table of Contents

1.0 INTRODUCTION.....	2
1.1 General Information	2
1.2 Schedule	2
2.0 PURPOSE.....	3
3.0 DESCRIPTION OF CLOSURES AND DETOURS.....	3
3.1 Temporary Road Closure	3
3.2 Detours	4
3.3 Reasons for Temporary Road Closure	4
3.3.1 Safety	4
3.3.2 Construction Restrictions.....	4
3.3.3 Speed and Quality	4
3.3.4 Economic and Traffic Benefits.....	5
4.0 RESPONSIBILITIES.....	6
4.1 General Contractor	6
4.2 Engineering Consultant	6
4.3 City of Vaughan	6
4.4 Geotechnical Consultant.....	6
5.0 COMMUNICATION PLAN.....	7
5.1 Target Audience	7
5.2 Communication Methods	7
5.3 Implementation.....	7
5.4 Project Team Contacts	9
5.5 Emergency Contact Information	9

Figures

Figure 1: Detour Identification Plan

Figure 2: Notice Distribution Plan

Enclosures

Notification of Construction

Traffic Control Plan – Peter Rupert Avenue (Drawing TC-2)

1.0 INTRODUCTION

As part of the Residential Subdivision Development Project, **Peter Rupert Avenue** will require a temporary road closure to install new sanitary sewers and watermain for the proposed residential subdivision development. Temporary Road closure is required along **Peter Rupert Avenue** between **Rutherford Road** and **Maple Valley Road**.

This Public Communication Plan has been prepared by Schaeffer & Associates Ltd., on behalf of Block 18 Properties Inc. to describe the communication process required to inform residents, emergency services, and other affected parties of the construction works within **Peter Rupert Avenue**.

1.1 General Information

This portion of **Peter Rupert Avenue** transitions from a four-lane major collector city road, between **Rutherford Road** and **Warbler Avenue**, to a two-lane minor collector north of **Warbler Avenue**. Existing storm and sanitary sewers and watermain are located along the existing roadways. The proposed residential development will require the construction of new sanitary sewers and watermain connection on **Peter Rupert Avenue**. In order to carry out construction in a safe, economical, and timely manner, temporary full closure of **Peter Rupert Avenue**, between **Rutherford Road** and **Maple Valley Road** is required.

1.2 Schedule

Construction on Peter Rupert Avenue

The construction of underground services and the restoration works within Peter Rupert Avenue will require temporary full road closure, from August 16th - August 30th, 2024.

2.0 PURPOSE

The purpose of this document is to describe the planned communication process and to inform the public about the construction works as well as the proposed temporary closure of Peter Rupert Avenue, between Rutherford Road and Maple Valley Road, required to safely complete the installation of new municipal services. More specifically, the purpose of this document is:

- To provide a document for communications and public relations support;
- To provide suitable communication opportunities and effective advertising materials;
- To inform the public of the proposed construction works;
- To provide the project team members with the information and tools to effectively communicate the proposed works with residents, emergency services, transit, utility companies, schools and commercial parties;
- To develop a plan for distributing notices regarding the proposed works; and
- To provide local property owners with key project information in order to alleviate the impact of the construction works on the local community.

3.0 DESCRIPTION OF CLOSURES AND DETOURS

3.1 Temporary Road Closures

The scope of work to be done during the temporary road closures are as follows; new sanitary sewers and watermain will be constructed within Peter Rupert Avenue, between Rutherford Road and Maple Valley Road to service the Residential development.

In order to carry out construction in a safe and timely manner, a temporary full road closure of **Peter Rupert Avenue**, between **Rutherford Road** and **Maple Valley Road** is to occur. The closures will take place from August 16th - August 30th, 2024.

The total length of road closure on Peter Rupert Avenue will be approximately 260m. **Figure 1** (Detour Identification Plan) enclosed below illustrates the location of construction and extent of proposed road closure area. **Figure 1** (Detour Identification Plan) also illustrates the proposed vehicular detour routes associated with the road closure.

3.2 Detours

During the construction of sanitary sewers and watermain within Peter Rupert Avenue, traffic will be routed according to the detour plan presented in Figure 1 (Detour Identification Plan).

Traffic heading northbound on Peter Rupert Avenue from Rutherford Road will be directed towards Grand Trunk Avenue where they will be guided north. From Grand Trunk Avenue traffic will follow the detour signs and be directed west on Maple Valley Road to turn north and end up back on Peter Rupert Avenue.

Traffic heading southbound on Peter Rupert Avenue towards Rutherford Road will follow detours on the same roads, starting by heading east on Maple Valley Road, turning south on Grand Trunk Avenue towards Rutherford Road.

Placement of the signs indicating the road closure can be found in the Engineering Drawing (TC-2) attached in the Enclosures for reference.

3.3 Reasons for Temporary Road Closure

3.3.1 Safety

The safety of the workers and nearby residents is of the highest priority and the temporary road closure is a crucial step in achieving this. Temporary road closures would establish an isolated work environment for the contractor, resulting in a safe work environment for the workers and the general public.

3.3.2 Construction Restrictions

Road closures are necessary for the construction of the sanitary sewers and watermain. Large machinery and support equipment, such as dump trucks, are required to transport and utilize the material needed and complete the construction for this project. However, there is not enough space on the relevant roadways to accommodate local traffic while continuing operations and performing the construction.

3.3.3 Speed and Quality

Temporary closures of the roads would expedite the construction process and provide a better finished product for the City of Vaughan. With the closures in place, the contractor is able to schedule the necessary operations at a much quicker pace and accelerate the construction of the new systems, therefore, minimizing disruptions and inconveniences to local residents and the general public. In addition to this, the closures would eliminate the need to excavate and restore the work zone on a daily basis, speeding up the construction process.

3.3.4 Economic and Traffic Benefits

The residential construction in this location will increase the economic benefits and provide housing for residents. The City will benefit from the property tax generated by the development.

4.0 RESPONSIBILITIES

This section describes the responsibilities of each participating party to the public communication process.

4.1 General Contractor

The General Contractor (To Be Selected) will assume the responsibility of supplying and installing all signage as shown on the Traffic Control Detour Plan (TC-2). In addition, the General Contractor will ensure all work is carried out in accordance with the requirements of the Ontario Traffic Manual Book 7. The General Contractor will be responsible for notifying the Consultant of any changes to the site conditions or the construction schedule which may impact the strategies presented in this Public Communication Plan.

4.2 Engineering Consultant

Schaeffer & Associates Ltd. will be the Consultant for this project and will serve as the primary contact for the City of Vaughan and the public. The Consultant will monitor the Contractor's operations and ensure the General Contractor's conformance to the policies presented in this plan.

4.3 City of Vaughan

The City of Vaughan has been circulated the Traffic Detour Plan (TC-2). Information prepared to communicate with those affected will be available at the Vaughan Contact Centre.

4.4 Geotechnical Consultant

The Owner has retained EXP Services Inc. to complete the necessary sampling and testing of the new municipal infrastructure in accordance with City specifications prior to the reopening of the road to the public.

5.0 COMMUNICATION PLAN

5.1 Target Audience

The target audiences for the Construction Public Communication Plan include:

Internal

- Project Team Members;
- General Contractor;
- Vaughan Operations Department.

External

- Local Property Owners;
- Public Transit Services;
- Public Utilities;
- Canada Post;
- Emergency Services (Fire, Police, Ambulance, etc.).
- Local Schools

5.2 Communication Methods

Communication methods for this project are as follows:

- Public Notices – Hand delivered or by mail to local property owners;
- Public Notice Signs;
- Project Construction Signs;
- Road Closure Signs
- Pre-Construction Meeting with the City, Contractor, and Consultant.

5.3 Implementation

Public Notices

The proposed Public Notices are listed below along with corresponding timeline for each notification.

An all encompassing **Notice of Construction** will be distributed to:

- Emergency Services;
- Local Property Owners;
- Public Transit Services;

- Public Utilities; and
- Canada Post.
- Local Schools

This notice will provide the important information regarding the type of construction, construction timeline, and contact information. The Notice of Construction will be distributed prior to the start of construction to the property owners within the area outlined in **Figure 2** (Notice Distribution Plan).

Furthermore, transit routes have been cross-checked with the YRT System Map, effective April 2024, and bus route 105 (Dufferin) will be affected by the closures. Coordination will be made with YRT to have the bus re-routed in this area.

Public Notice Signage

Signs containing information about the temporary road closure will be posted prior to the start of the construction.

Project and Construction Signage

The General Contractor will install traffic control signs, construction signs, and barricades in accordance with the approved Traffic Control Plan attached in the **Enclosures** and the Ontario Traffic Manual Book 7. All traffic control measures will be installed immediately prior to start of construction. The Contractor should recognize that traffic control measures may require modification during the course of construction to accommodate unforeseen or changing site conditions, as determined by the Consulting Engineer and the City of Vaughan. The General Contractor shall immediately notify Schaeffer & Associates Ltd. and the City of Vaughan of any changes to the schedule or proposed traffic control measures presented in this document.

5.4 Project Team Contacts

Consultant Contacts

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City of Vaughan Contact

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(905) 832-2281
accessvaughan@vaughan.ca

5.5 Emergency Contact Information

The following individual is the key contact for the project, also appointed as an emergency contact, and will be available during the duration of road closure.

Contractor

To Be Selected

ENCLOSURES

PETER RUPERT AVE.
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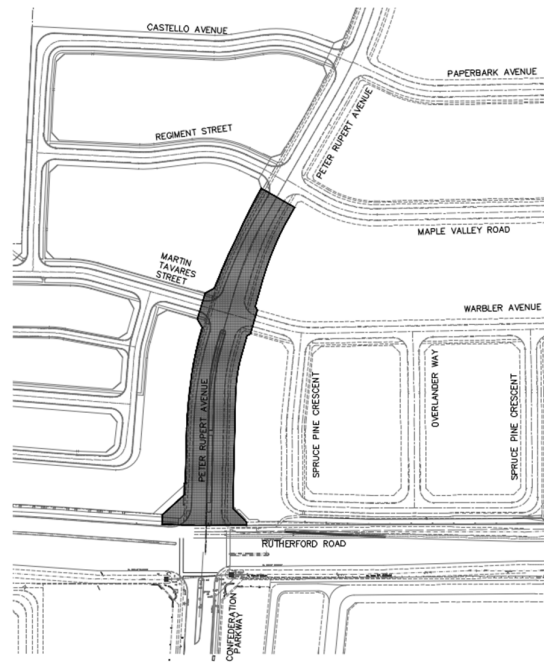
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NOTICE TO RESIDENTS

PETER RUPERT AVENUE TEMPORARY ROAD CLOSURE



Dear Property Owner or Tenant:

Please be advised that Peter Rupert Avenue will be closed from Rutherford Road to approximately 260m north from August 16th 2024 to August 30th 2024 for the installation of underground sanitary sewers and watermain to complete the servicing of this section of the road. Public access to your property and business will be available from Grand Trunk Avenue by using the posted detour routes along Maple Valley Road and Grand Trunk Avenue during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.

