

## 5100 Erin Mills Parkway Erin Mills Town Centre – Phase 1 City of Mississauga

## **Streetscape Feasibility Study**

October 2024

Submitted by:

SCS Consulting Group Ltd 30 Centurian Drive, Suite 100 Markham, ON, L3R 8B8 Phone 905 475 1900 Fax 905 475 8335

**Project Number: 2228** 

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#### Submission History

| Submission      | Date          | In Support Of  | Distributed To  |
|-----------------|---------------|----------------|---|
| 1 <sup>st</sup> | October, 2024 | Re-Zoning, OPA | City of Mississauga,<br>Regional Municipality<br>of Peel,<br>Credit Valley<br>Conservation,<br>MECP |

#### 1.0 Introduction

SCS Consulting Group Ltd. has been retained by EMTC Holdings Inc. to prepare a Streetscape Feasibility Study for a proposed high-density residential development at 5100 Erin Mills Parkway, the Northwestern Block (Phase 1) of the Erin Mills Town Centre, located at Glen Erin Drive and Erin Centre Boulevard in the City of Mississauga.

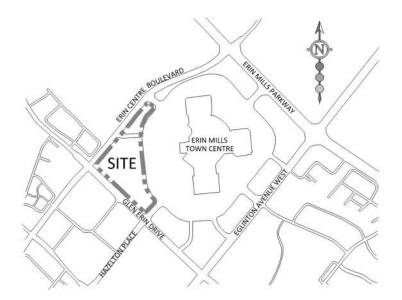
#### **1.1** Purpose of the Report

The Streetscape Feasibility Study has been prepared in support of a Official Plan & Zoning By-Law Amendment (OPA/ZBA) application for the proposed development. The purpose of this study is to demonstrate that the proposed development can accommodate the appropriate boulevard treatment within the public right-of-way.

#### 1.2 Study Area

As shown on **Figure 1.1**, the study area is bound by:

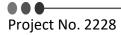
- Erin Centre Boulevard to the northwest;
- Glen Erin Drive to the southwest; and
- Erin Mills Town Centre and its parking access roads to the east.



#### Figure 1.1: Site Location Plan

#### **1.3** Background Servicing Information

In preparation of creating the Composite Utility Plan(s), the following information was used:



- Topographic Survey, prepared by Schaeffer Dzaldov Purcell Ltd., July 2024; and
- Subsurface Utility Investigation, prepared by 4Sight Utility Engineers, October 2024.

The above listed documents have been included in Appendix B.

#### 2.0 Utility Plan

Information regarding the existing utilities along Glen Erin Drive and Erin Centre Boulevard, based on the Subsurface Utility Investigation prepared by 4Sight Utility Engineers, can be found on the included Public Utilities Plans (UP-1-7, **Appendix A**). Note that in locations where test pits were not performed, standard utility depths (provided by RTG) were assumed.

The plans demonstrate that minor works to the Erin Centre Boulevard and Glen Erin Drive right-of-ways are proposed to ensure that these boulevards are adequately urbanized. On Glen Erin Drive, there are existing planting corridors and splash zones that are proposed to remain so as to prevent the removal of existing trees where not required. The sidewalk is proposed to be widened to 2.8 metres as shown on the plans and associated cross sections. On Erin Centre Boulevard, it is proposed to add a 0.75m splash zone adjacent to the curb and widen the existing sidewalk to 2.8 metres. The existing tree planting corridor on Erin Centre Boulevard is to remain. It should be noted that on both roads, the existing tree planting corridors are greater than 2 metres wide.

#### 3.0 Conclusion

Based on the Streetscape Feasibility Study, an appropriate boulevard treatment can be accommodated in the public right-of-way adjacent to the proposed development that allows the existing >2m tree planting corridors to remain, and splash zones and widened sidewalks to be added in accordance with the City's streetscape feasibility requirements.

Respectfully Submitted

#### SCS Consulting Group Ltd.



Darin Shore, P.Eng. dshore@scsconsultinggroup.com

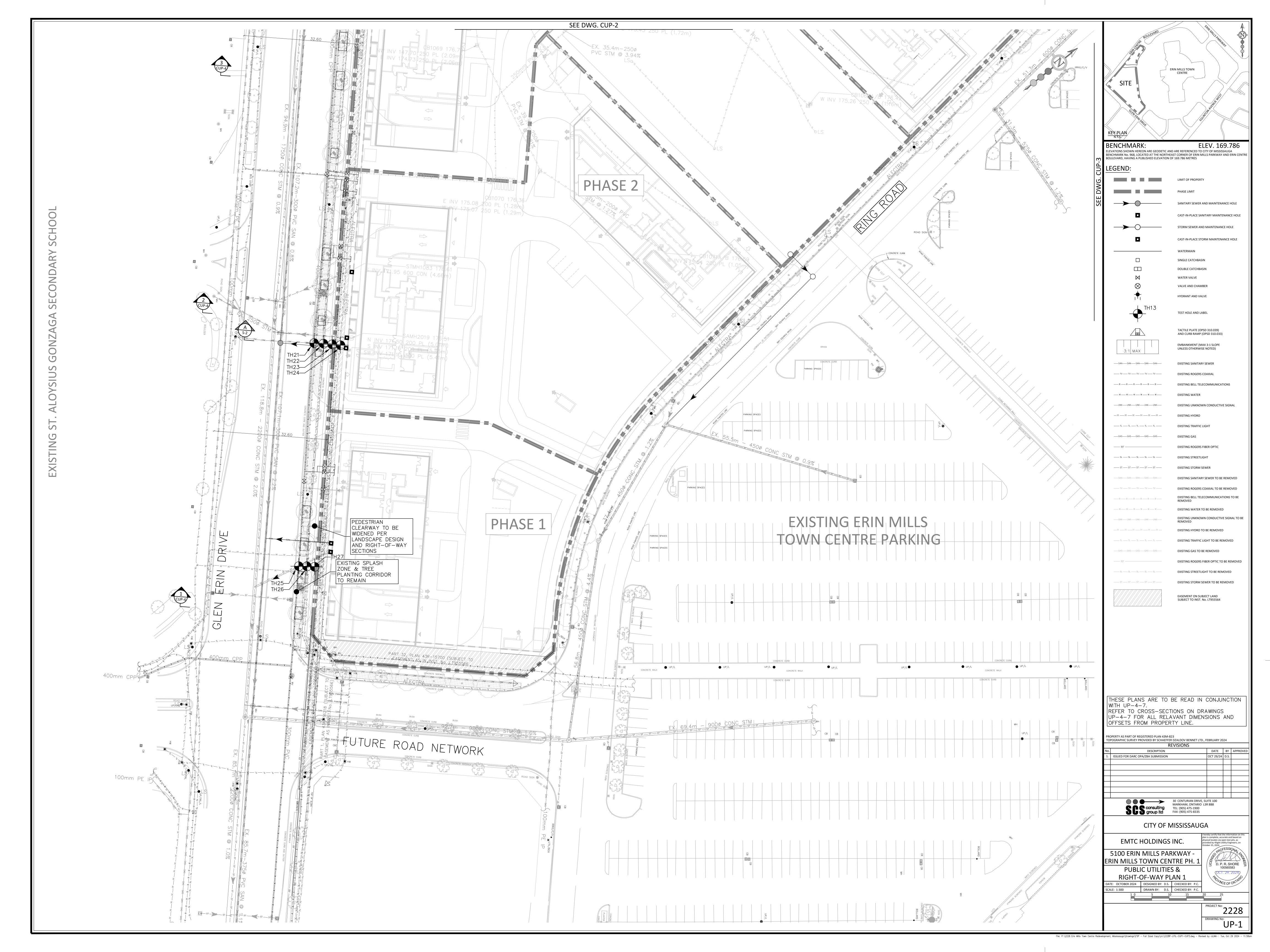
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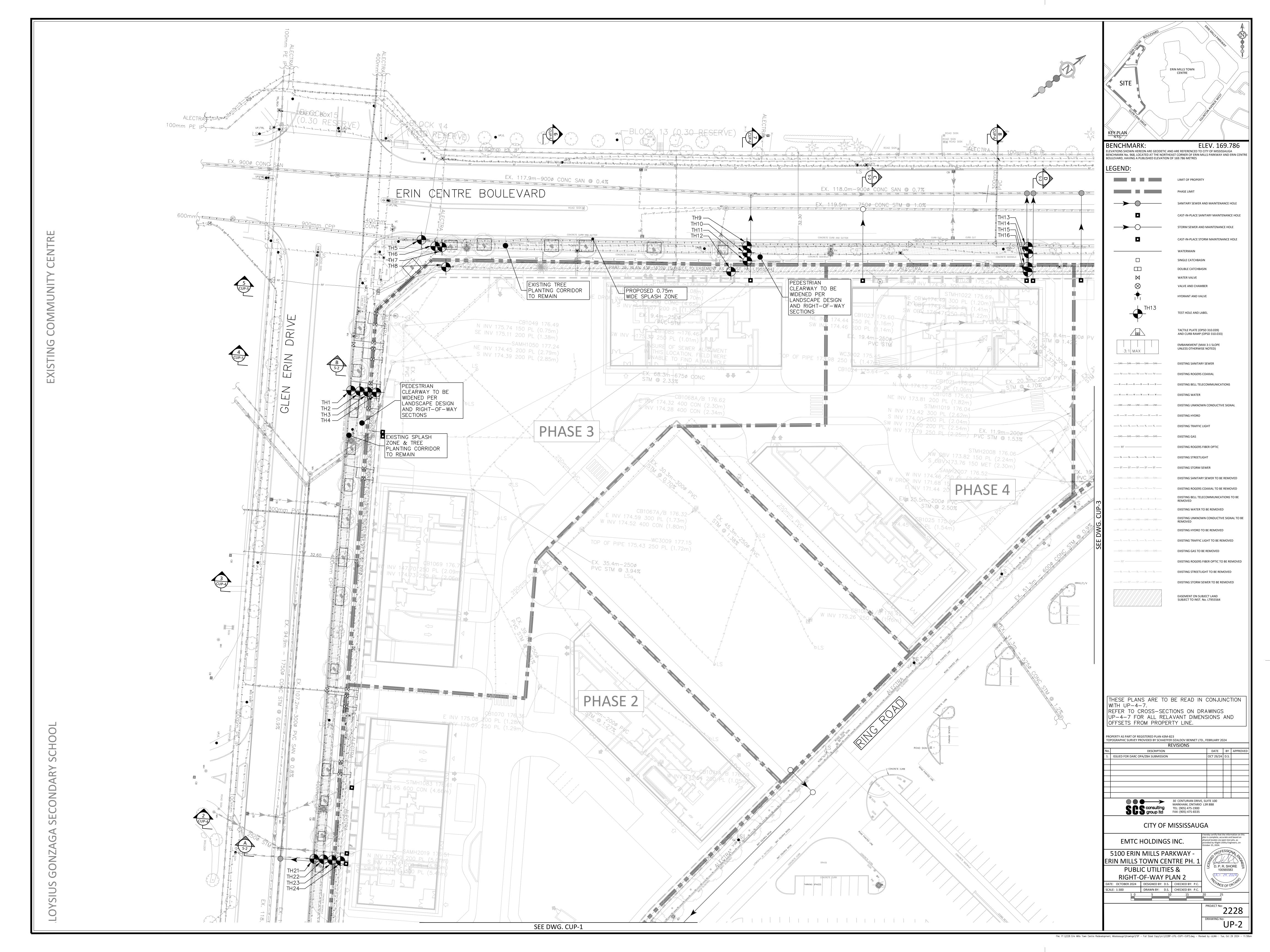


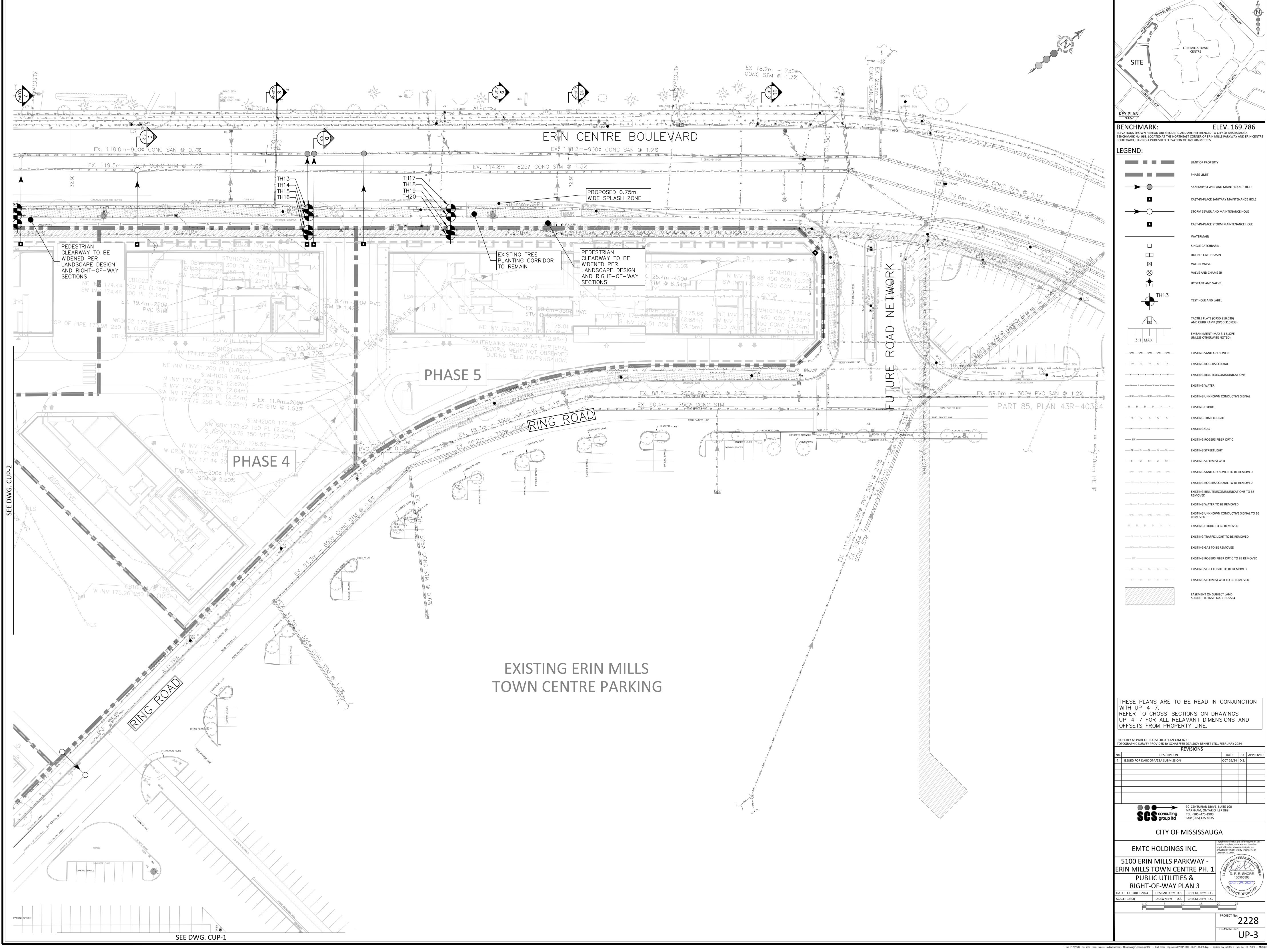
**APPENDIX A** 

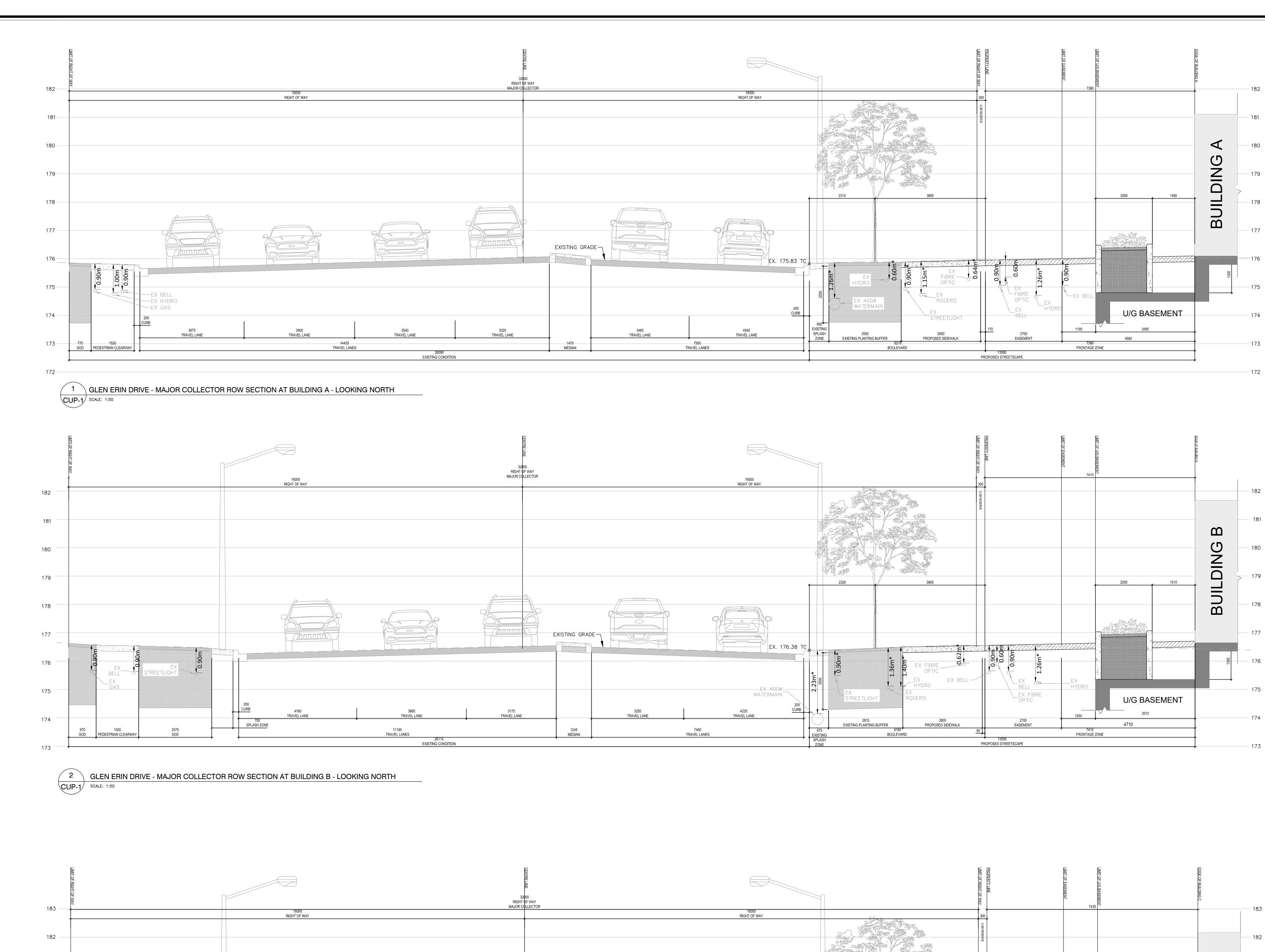
DRAWINGS

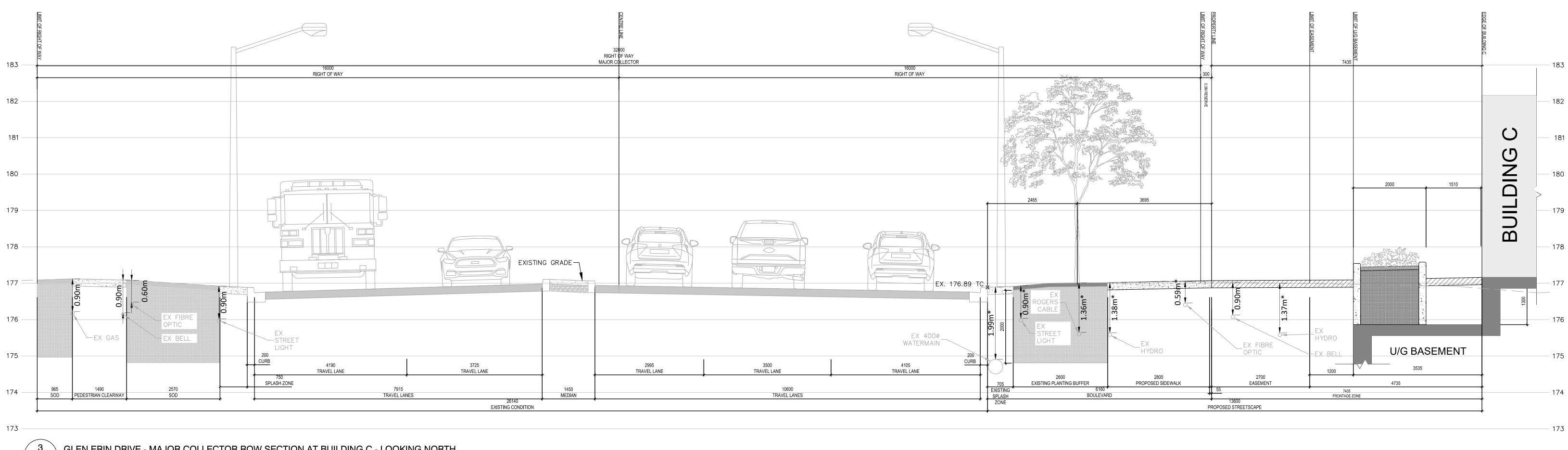










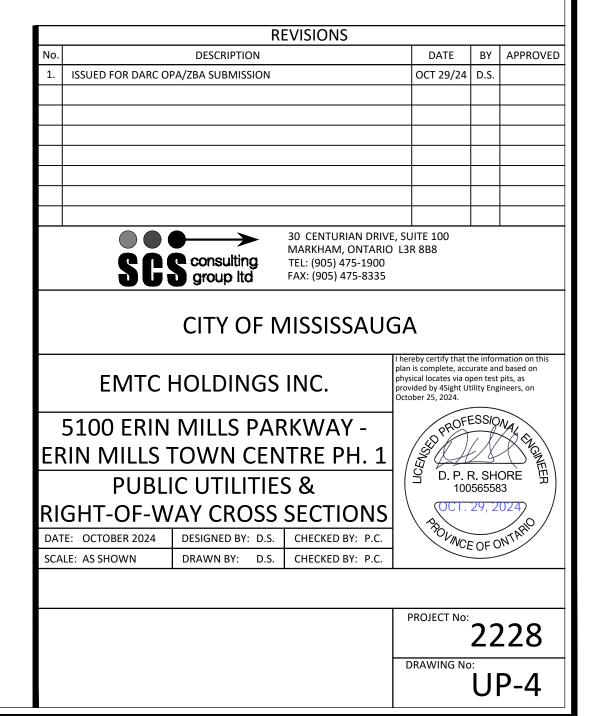


3 GLEN ERIN DRIVE - MAJOR COLLECTOR ROW SECTION AT BUILDING C - LOOKING NORTH CUP-1 SCALE: 1:50

# \*DEPTHS FROM EXISTING GRADE DERIVED FROM TEST PIT DATA RECEIVED FROM 4SIGHT UTILITY ENGINEERS. EXISTING GRADE BASED ON SURVEYED DATA RECEIVED FROM SCHAEFFER-DZALDOV PURCELL.

\*DEPTHS FROM EXISTING GRADE DERIVED FROM TEST PIT DATA RECEIVED FROM 4SIGHT UTILITY ENGINEERS. EXISTING GRADE BASED ON SURVEYED DATA RECEIVED FROM SCHAEFFER-DZALDOV PURCELL.

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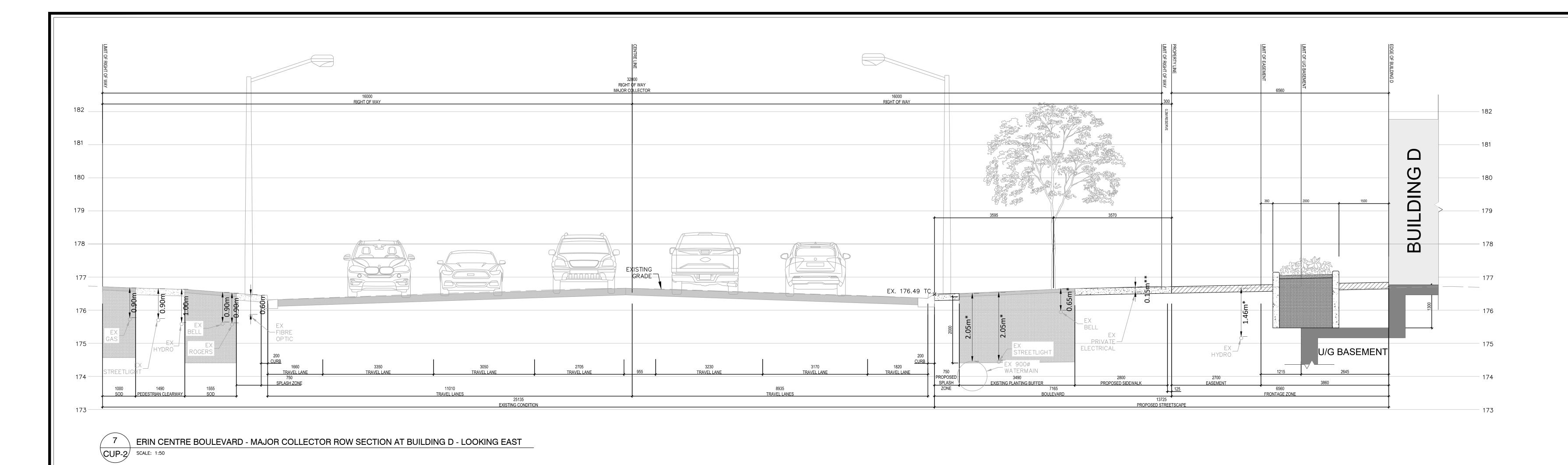


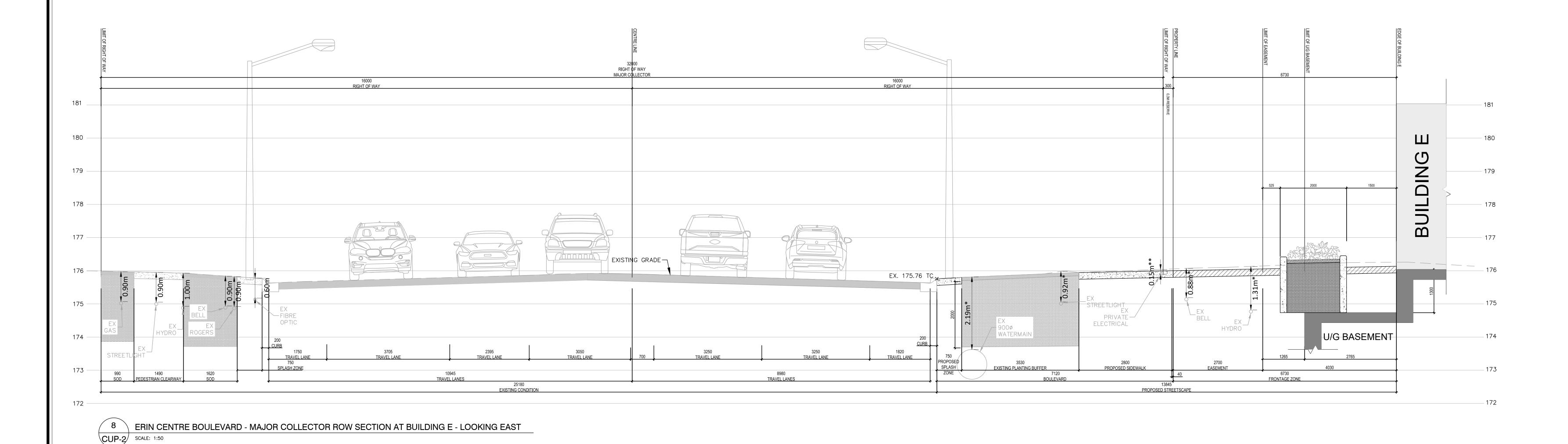
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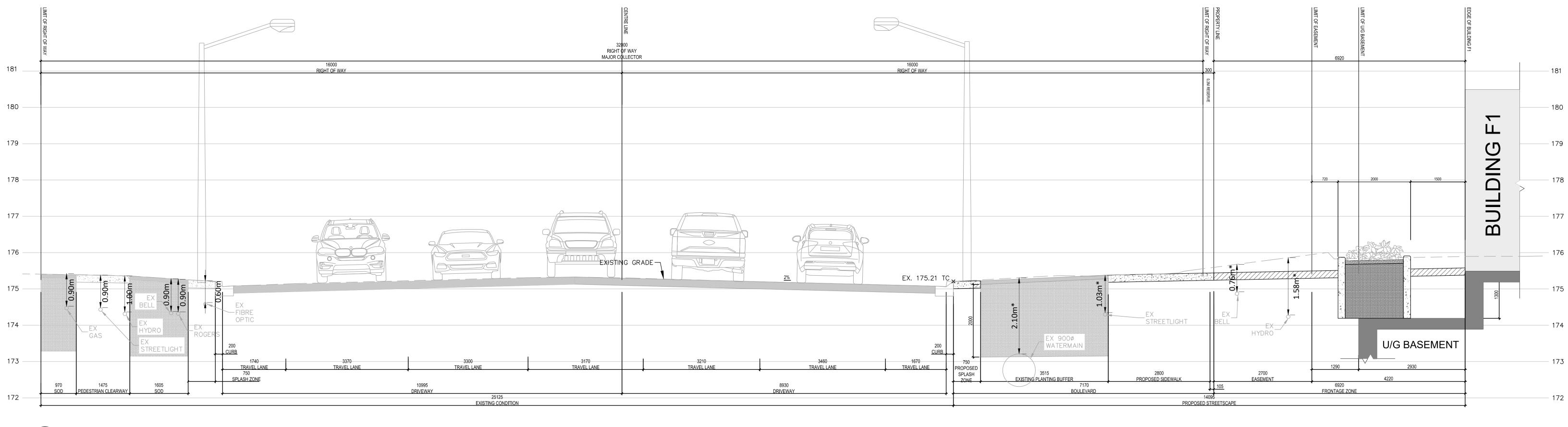
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CUP-3 SCALE: 1:50

9 REIN CENTRE BOULEVARD - MAJOR COLLECTOR ROW SECTION AT BUILDING F1 - LOOKING EAST

## \*DEPTHS FROM EXISTING GRADE DERIVED FROM TEST PIT DATA RECEIVED FROM 4SIGHT UTILITY ENGINEERS. EXISTING GRADE BASED ON SURVEYED DATA RECEIVED FROM SCHAEFFER-DZALDOV PURCELL.

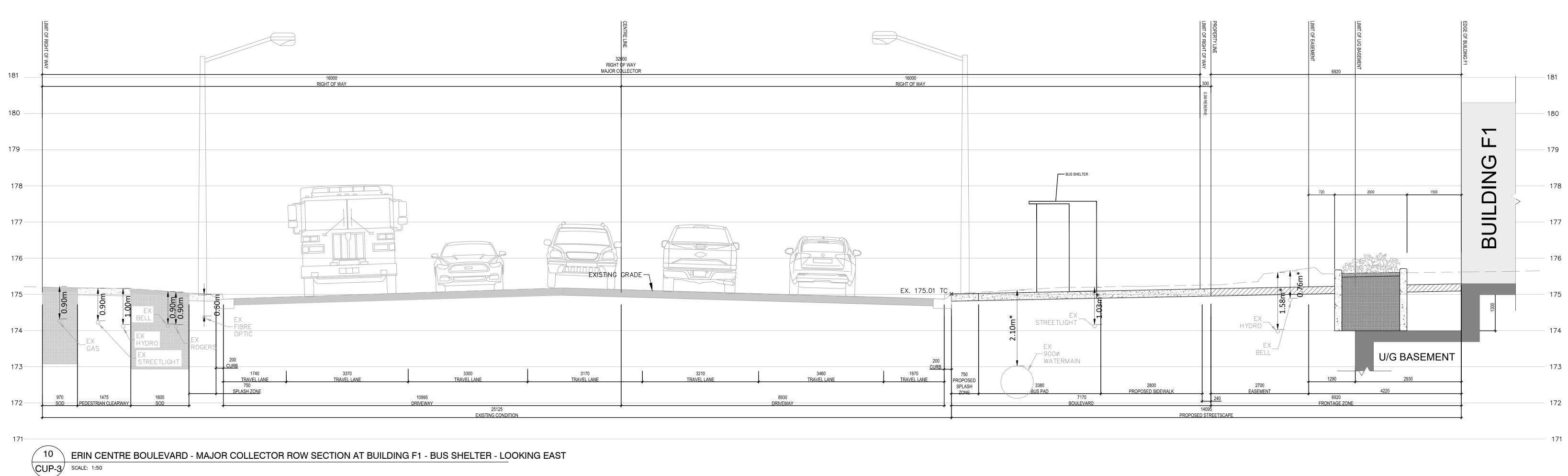
\*\*FURTHER INVESTIGATION ONGOING TO CONFIRM PRIVATE ELECTRICAL SERVICE IS ONLY ACTIVE FOR EXISTING DEVELOPMENTS ON SUBJECT LANDS. IF SO, SERVICE IS TO BE REMOVED. OTHERWISE SERVICE IS TO BE LOWERED BY ELECTRICAL CONTRACTOR AS REQUIRED.

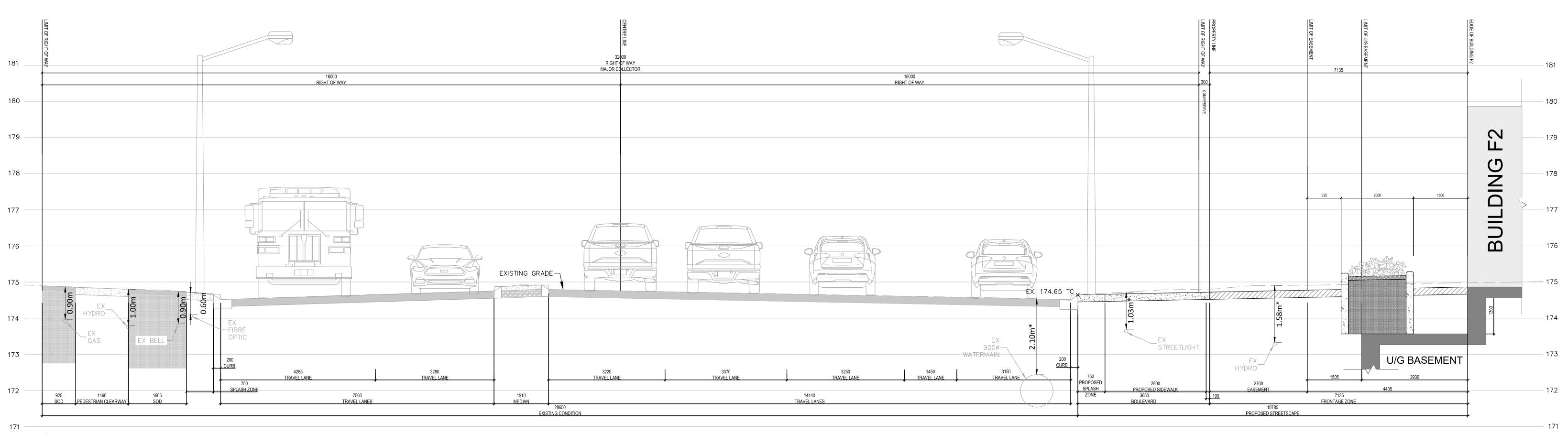
\*DEPTHS FROM EXISTING GRADE DERIVED FROM TEST PIT DATA RECEIVED FROM 4SIGHT UTILITY ENGINEERS. EXISTING GRADE BASED ON SURVEYED DATA RECEIVED FROM SCHAEFFER-DZALDOV PURCELL.

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(11) ERIN CENTRE BOULEVARD - MAJOR COLLECTOR ROW SECTION AT BUILDING F2 - LOOKING EAST CUP-3 SCALE: 1:50

# \*DEPTHS FROM EXISTING GRADE DERIVED FROM TEST PIT DATA RECEIVED FROM 4SIGHT UTILITY ENGINEERS. EXISTING GRADE BASED ON SURVEYED DATA RECEIVED FROM SCHAEFFER-DZALDOV PURCELL.

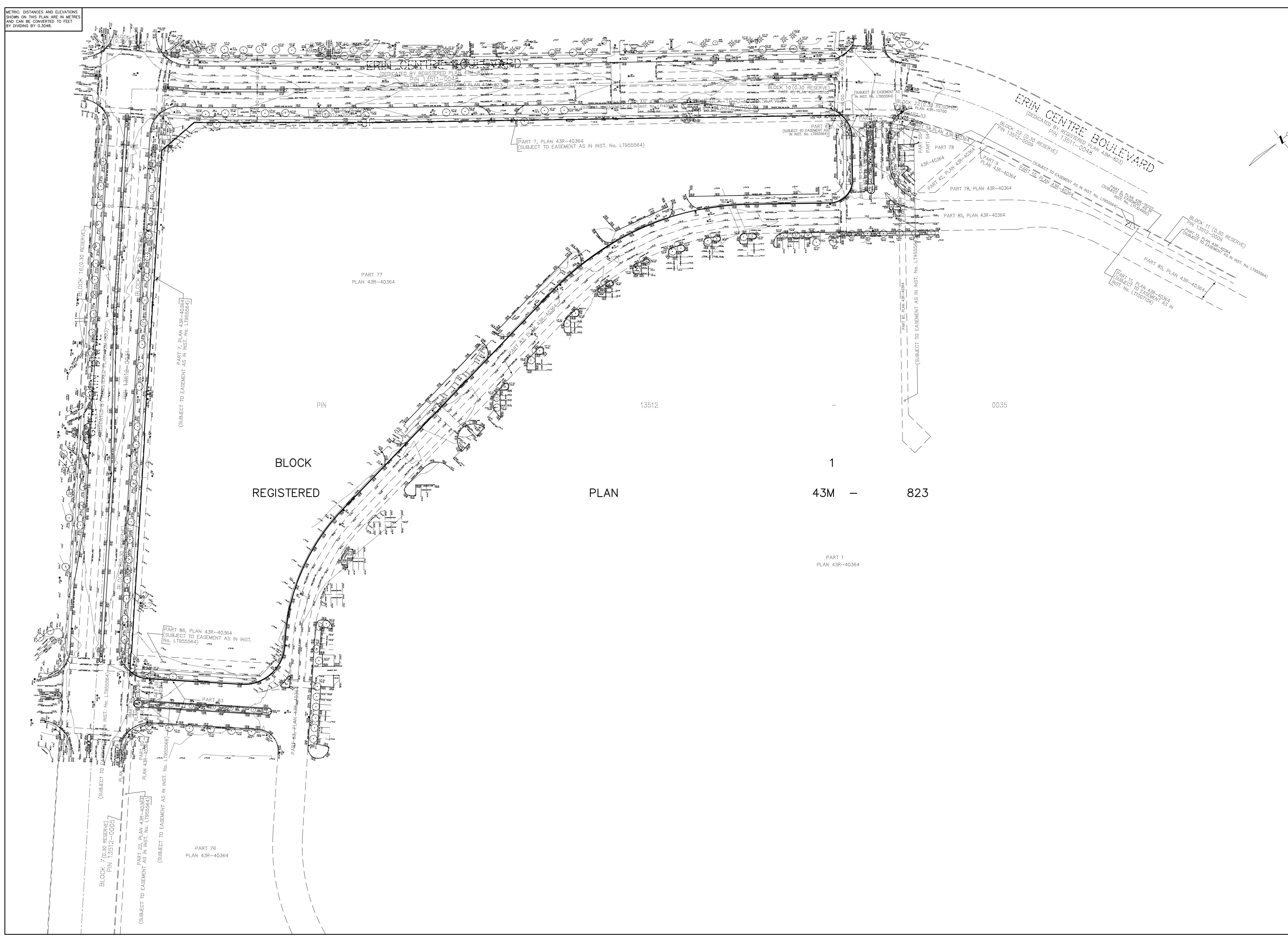
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| 1.  | ISSUED FOR DARC OF | PA/ZBA SUBMISSION |  | OCT 29/24  | D.S.   |                |
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**APPENDIX B** 

**BACKGROUND INFORMATION** 





TOPOGRAPHIC PLAN OF PART OF BLOCK 1 REGISTERED PLAN 43M-823 CITY OF MISSISSAUGA REGIONAL MUNICIPALITY OF PEEL BOUNDARY SCALE 1:500 (TOPO SCALE 1:300)

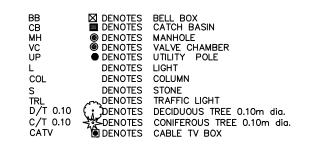
50 METRES

SCHAEFFER DZALDOV PURCELL LTD. © COPYRIGHT

## <u>'CAUTION'</u>

THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED EXCEPT FOR THE PURPOSES INDICATED IN THE TITLE BLOCK. BOUNDARY INFORMATION HAS BEEN COMPILED FROM PLAN 43R-40364 ORIENTED ON AVAILABLE EVIDENCE.

### TOPOGRAPHIC NOTES

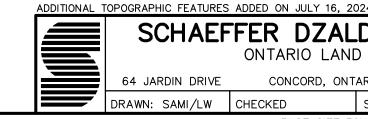


BENCHMARK ELEVATIONS SHOWN HEREON ARE RELATED TO MISSISSAUGA DATUM AND ARE REFERRED TO CITY OF MISSISSAUGA BENCHMARK No. 968 HAVING A PUBLISHED ELEVATION OF 169.786 METRES

CONTOUR INTERVAL 0.50m

SURVEYOR'S CERTIFICATE I CERTIFY THAT: THE FIELD SURVEY REPRESENTED ON THIS TOPOGRAPHIC PLAN WAS COMPLETED ON THE 15TH DAY OF MAY, 2024.

OPHIR N. DZALDOV ONTARIO LAND SURVEYOR



DATE: MAY 16, 2024

SCHAEFFER DZALDOV PURCELL LT ONTARIO LAND SURVEYORS

 64 JARDIN DRIVE
 CONCORD, ONTARIO L4K 3P3
 TEL.(416)-987-0101

 DRAWN: SAMI/LW
 CHECKED
 SCALE 1 : 500
 JOB No. 24-194-01

 PLOT SIZE: 36X57.5 TOPO SCALE 1: 300 MAY 16, 2024
 SCALE 1 : 500
 SCALE 1: 500 MAY 16, 2024

### **SUE Report**

Project #: 24-0184

5100 Erin Mills Parkway

Submitted by: 4Sight Utility Engineers July 4<sup>th</sup>, 2024 Updated: October 22<sup>nd</sup>, 2024







#### **Qualifications and Limitations**

4Sight Inc. (4Sight) has prepared this report for the Consultant and Project Owner in accordance with the industry practices and the scope of work agreed upon for the project. The information contained is based on the judgement of the Professional Engineer stamping the drawing based on the information provided to 4Sight and collected by 4Sight. The information is current as per the date that the information was collected, and any changes made following the investigation are not covered by this report and not the responsibility of 4Sight.

Some information for this report were provided by the Consultant and/or Project Owner and 4Sight is relying on the accuracy of that information for our report.

The report should be treated as confidential information and should not be used by any third parties unless agreed upon by 4Sight and the Consultant and/or Project Owner. Any damages incurred by unauthorized parties using the data is their responsibility.

#### Signature and Revision Log

| Prepared by<br>Jay Goswan<br>Stamped/Si<br>Lawrence A<br>Date:<br>July 04, 202 | ni, EIT, PMP<br>gned by:<br>rcand, PENG, PE | ILICEAL          | LE. ARCAND<br>90538158<br>3000000CE OF ONTATION                    |
|--|---|------------------|--|
| Revision #   | Revised By                                  | Date             | Revision Summary   |
| 1  | JG  | October 22, 2024 | Added Test Hole Investigation & field locates for additional area. |
|  |   |                  |  |



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#### 1. Project Summary

4Sight Inc (4Sight) completed a Subsurface Utility Engineering (SUE) Investigation for Muzzo Group & SCS Consulting Group Ltd at the intersection of Erin Centre Blvd and Gen Erin Dr in Mississauga, ON. The Quality Level B SUE investigation was completed in May 2024. The Quality Level A SUE investigation was completed in October 2024. The objective of the investigation was to identify the location of the key utilities on the project in accordance with the ASCE 38-22 Standard.

#### a. Investigation Limits

The location is at 5100 Erin Mills Parkway in Mississauga. The investigation will be as per area highlighted in green below.

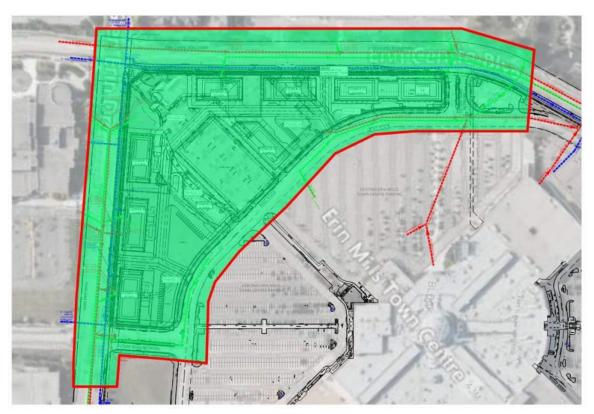


Figure 1: Approximate SUE Limits of Investigation (shown in green)

A second location was added as a revision. The second location was at 2635 Eglinton Avenue West. Investigation area is highlighted in red below:





Figure 2: Approximate Limits of Field Investigation (shown in red)



#### 2. Investigation Scope and Methodology

4Sight's investigation was completed in accordance with ASCE 38-22 Standard.

#### a. ASCE 38 Quality Level Description

All utility information collected and depicted as part of this investigation were assigned a quality level in accordance with the ASCE 38 Standard. The following is a summary of the Quality Level descriptions identified in the ASCE 38 Standard.

**Quality Level D (QLD)** – Information shown on the drawing is based solely on information provided by Utility Owners, As-built records, verbal recounts, or other third-party sources.

**Quality Level C (QLC)** – Information shown the drawing is based on correlating surveyed surface features with records information provided by Utility Owners, As-built records, verbal recounts, or other third-party sources.

**Quality Level B (QLB)** – Information shown on the drawing is based on geophysical designating using a variety of geophysical sources which are outlined in the report.

**Quality Level A (QLA)** – Information shown on the drawing is based on exposure of the utility at test hole locations, and the subsequent survey of those points.

#### b. Scope of Work Outlined in Proposal Document

#### Phase I - SUE Investigation up to QL-B

4Sight will complete a SUE investigation in accordance with ASCE 38-22 – Standard Guideline for the Depiction of Existing Subsurface Utility Data. The base scope of this investigation will include:

- Request, collect, and document utility record information from the various Utility Companies present within the investigation area. Review records information provided by the owners, and those received from our records request.
- Obtain any required permits and arrange any required traffic control required to complete the field investigation.
- Complete a field investigation using electromagnetic pipe and cable locate equipment to attempt to determine the horizontal alignment of the conductive utilities present within the investigation area. Any utilities that were not identified on the records will be considered as un-documented. 4Sight will attempt to find undocumented utilities however cannot confirm that we will find all undocumented utilities.
- Utilities that will be located in this investigation will be water, telecom, hydro, and gas to Quality Level B where possible. We will also include services to the subject properties.
   Where Quality Level B can not be achieved for a utility, that facility will be depicted per utility record information (i.e., Quality Level D)
- Utilities that will be excluded for the investigation will be underground storage tanks, landscape irrigation and lighting systems



- Collect measure down values at sewer manhole and catch-basin locations and use this data along with records information to determine as best as possible the alignments of the storm sewers at Quality Level C. Invert values will be calculated utilizing the collected measure down values and the rim elevations provided from the client's topographic survey.
- If manhole or catch basins are inaccessible, they will be noted and brought to the attention of the client.
- Existing sewer laterals will be depicted at Quality Level 'D' if shown on available utility records. If sewer laterals are required to be shown at QLB, CCTV is required (additional cost).
- Obtain measurements of watermains at any chamber locations.
- Survey paint marks in the field and tie them into the control provided by the owners for the project.
- Produce a set of signed and sealed (by a licensed professional engineer in the province of Ontario) deliverables which will include:
  - An ASCE 38 compliant drawing to 4Sight standards showing utilities at the quality level determined by the professional engineer in charge.
  - A SUE report highlighting the record information gathered, methodologies used, and key findings from the SUE investigation.

#### Phase II - SUE Quality Level A – Test Holes

At this stage, the precise amount of test pits are not known; the final quantity will be verified following the completion of Phase I work (2 test holes have been assumed a his stage). 4Sight will be responsible for:

- Coordinate locates and ON1Call.
- Obtain necessary permits and provide required traffic protection as per permit requirements and OTM Book 7.
- Complete Vacuum excavation for 2 Test Holes, record data backfill holes with HPB and restore test hole with matching materials (i.e., sod, asphalt or concrete).
- Survey test hole locations, update the SUE drawings and Report.





#### 3. Investigation Techniques Utilized

4Sight used a number of techniques for the collection of information contained in this report. Details regarding the merits of these techniques can be found in the ASCE 38 standard. The following outlines the techniques used.

#### a. Pipe and Cable Locators (PCLs)

Pipe and Cable Locators (PCLs) were the key designating equipment utilized to complete the investigation. A variety of equipment were used including Vivax Vloc and 810. Scans were completed using a variety of frequencies such as 8kHz, 33kHz and passive 60Hz mode.

PCL's operate by inducing a signal on the utility to be found and designated the location based on the electromagnetic field picked up by the receiver. Utilities must be conductive in nature for the PCL to work.

Results from the PCL can be affected by a number of factors including the quality of the electrical conductivity of the conductor and/or tracer wire, the ground conductivity, the presence/interference from adjacent utilities and/or conductive elements.

#### b. Magnetometers (Metal Detectors)

Magnetometers were used to find any metallic elements such as MH lids, and Valves that are not visible at surface. Magnetometers work by picking up a distortion in the background magnetic field that is created in the presence of metallic objects.

#### c. Measuring Rods

A measuring rod was used to complete the inverts collected on the project. The modifications to the rod allow for more accurate measurements particularly in pipes that are offset from the MH lid.

#### d. Survey Grade GPS

4Sight uses a Trimble data collector and R12i GNSS system to survey the paint markings, utility features and to record invert information collected on site. 4Sight uses the project control information provided by the client to complete a site calibration on the job file to ensure accurate integration of our data into the project.









#### e. Hydrovac Excavation

A hydrovac truck was used to perform the Quality Level A test holes, to expose and survey precise horizontal and vertical position of utilities. Hydrovac excavation is the process of using high pressure water to break up dirt and material; the material is then vacuumed up into the truck using hose and then disposed of at an appropriate facility.



#### 4. Key Investigation Findings

4Sight completed the QLB SUE investigation in May 2024. The following are some key findings that were identified.

#### a. Water

Watermains within the project limits are owned by the City of Markham Region of Peel. The majority of the 900mm water main alignment on Erin Centre Blvd and the entirety of the 400mm water main on Gen Erin Dr, were verified to Quality Level B. Some short segments of water service alignments are shown at Quality Level D (where unable to be field verified).

#### b. Sewers

4Sight collected the invert information within the accessible sewer chambers (MH's and CB's) within the project limit. Sewers have been shown on the drawing on a combination of field verified information and record information, at a combination of QLC and QLD.

The sanitary sewer alignment running along Erin Centre Blvd was too deep to be able to accurately measure pipe sizes during the field investigation. Inverts have been shown along this alignment.

Utility records from Region of Peel show largely conflicting pipe sizes on the storm sewer running on Glen Erin Dr. A pipe size of 2200mm was observed in the field while the records indicate a 1050mm, 900mm and 750mm pipe size. If critical further investigation can be carried out to confirm pipe sizes.

#### c. Gas/Pipelines

Gas mains within the project limits are owned by Enbridge. The gas mains alignments were verified to Quality Level B.

#### d. Telecom

Telecommunication owners within the project limits identified by records and field investigation are Bell, Rogers and Mississauga Fibre. Generally, the telecoms were designated and are shown at Quality Level B (where field verified) with some segments shown at Quality Level D (where unable to be field verified).



Both Rogers and Mississauga Fibre records indicate fibre plant in the same alignment within the project area. It is assumed that both lines run together in a joint structure and is indicated on the SUE drawing as such.

#### e. Electrical

Alectra has electrical plant within the project limits, and it was verified to Quality Level B. There is a section of private electric plant on Erin Centre Blvd that was also verified to Quality Level B.

#### f. Undocumented

One undocumented utility was discovered during this investigation. An unknown conductive signal was discovered on Hazelton PL. 4Sight was unable to determine the utility type, owner, or function of this unknown signal. QLA test holes may aid in identifying the unknown utility.

#### g. QLA Test Holes

4Sight successfully conducted test hole investigation. Please refer to Appendix B & D for the details of each test hole.

#### h. Additional area's field investigation

4Sight conducted an additional field investigation at 2635 Eglinton Avenue West. We located Water, Sanitary, Storm, Hydro, Telecommunication services connected to the property. We have also located utilities in the field surrounding small area of property. We have not processed record request to utility companies as it was not part of scope of work.

#### 5. Summary

This SUE Report outlines the successful completion of a Subsurface Utility Engineering (SUE) investigation, in accordance with the ASCE 38-22 standards and within the project scope. The primary objective was to achieve Quality Level B for all conductive utilities through a comprehensive process. The initial investigation took place in May 2024, with subsequent field work completed in October 2024.

As discussed in the key findings section above, most utilities underwent field verification and are depicted at quality Level B. However, it's worth noting an exception for the sewers, which are presented at quality level C. Additionally, a minor portion of the telecom's infrastructure is included at quality level D based on record information. As highlighted in the findings section and on the drawing, further investigation can be conducted in certain areas if critical.

This report provides a complete analysis of all the findings of these investigations, including accurate mapping and classification of the underground utilities and the identification of potential conflicts.

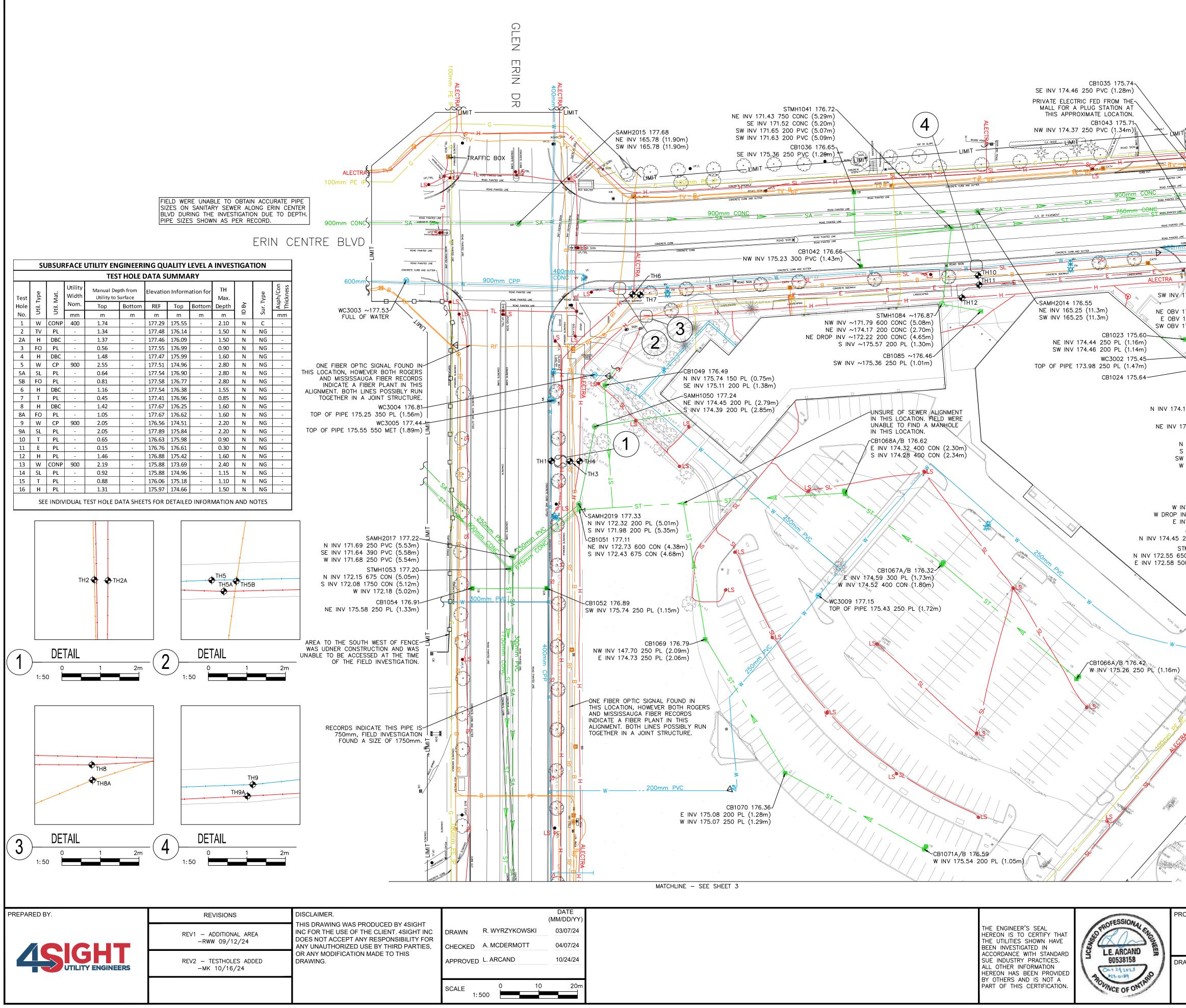


### Appendix A – Utility Records Circulation List

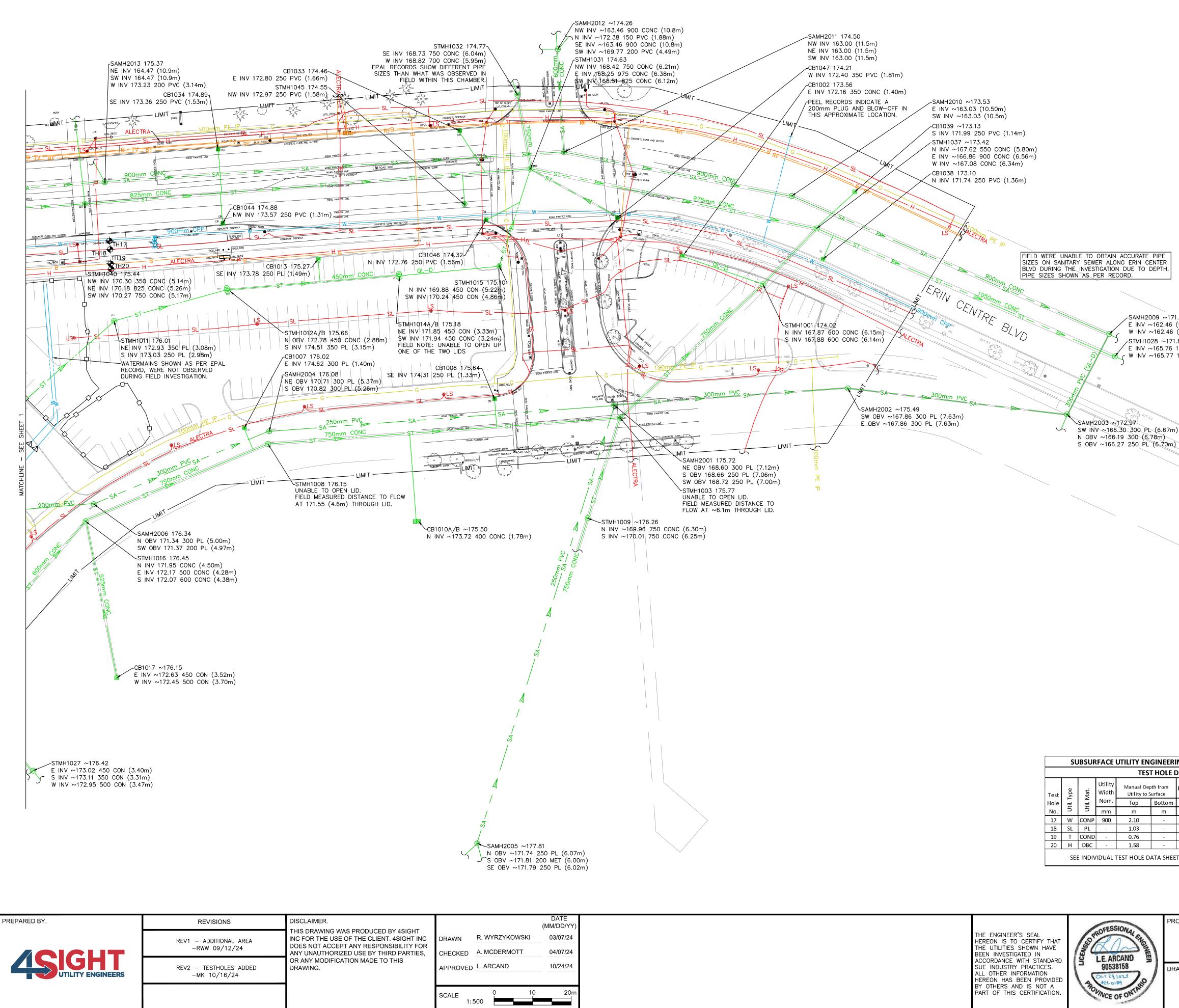
| Project Name:<br>Project Number: | 5100 Erin Mills Pkwy<br>24-0184 | Completed By: Daniela Giosu<br>Checked By: | Utility Records Circulations List |           |                   |                  |                   |                  |                   |  |
|----------------------------------|---------------------------------|--|-----------------------------------|-----------|-------------------|------------------|-------------------|------------------|-------------------|--|
|                                  |                                 |  |                                   |           | First Req         |                  | Follow Up         |                  |                   |  |
| UTILITY                          | CONTACT TYPE                    | EMAIL ADDRESS                              | PHONE NUMBER                      | EXTENSION | DATE<br>REQUESTED | DATE<br>RECEIVED | DATE<br>REQUESTED | DATE<br>RECEIVED | MATERIAL RECEIVED | COMMENTS   |
| Ontario 1Call Planning Ticket    | Website                         | www.onicall.com                            | (800) 400-2255                    |           | Apr-20-24         | Apr-20-24        | -                 | -                | 20241628682       | Complete planning request for<br>records, compare utility owner list to<br>list below and update as req.   |
| PEEL Region                      | Online Database                 | https://epal.peelregion.ca/epal/           | (905) 791-7800                    |           | Apr-20-24         | May-7-24         | -                 | -                | JPEG, PDF         | Contact zzg-<br>pwservicerequests@peelregion.ca<br>with any questions.   |
| City of Mississauga              | Records Research Folder         |  |                                   |           | Apr-20-24         |                  |                   |                  |                   | Access Storm Record info through<br>C:\4SightOneDrive\4Sight Utility<br>Engineers\Projects -<br>Documents\Records<br>Research\Record Info\City of<br>Mississauga |
| PSN Fibre                        | General Mailbox                 | PUCC.PSN@mississauga.ca                    |                                   |           | Apr-20-24         | Apr-22-24        | -                 | -                | PDF               |  |
| Bell Canada                      | General Mailbox                 | bellmarkups@bell.ca                        | (416) 296-6587                    |           | Apr-20-24         | May-6-24         | -                 | -                | PDF, DWG, DGN     |  |
| Beanfield Technologies Inc.      | General Mailbox                 | gtapucc@beanfield.com                      |                                   |           | Apr-20-24         | Apr-30-24        | -                 | -                | No confl          |  |
| Cogeco Connexion                 | General Mailbox                 | permits.cptconsents@cogeco.com             |                                   |           | Apr-20-24         | Apr-22-24        | -                 | -                | No confl          |  |
| Group Telecom                    | General Mailbox                 | GT.moc@telecon.ca                          |                                   |           | Apr-20-24         | Apr-29-24        | -                 | -                | No confl          |  |
| Rogers Cable Communications      | General Mailbox                 | GTA.markups@rci.rogers.com                 | (905) 361-4953                    |           | Apr-20-24         | Apr-29-24        | -                 | -                | PDF, DWG          |  |
| Zayo (Formerly Allstream)        | General Mailbox                 | utility.circulations@Zayo.com              | (416) 649-7509                    |           | Apr-20-24         | Apr-22-24        | -                 | -                | No confl          |  |
| Enbridge Gas Distribution        | General Mailbox                 | mark-ups@enbridge.com                      | (416) 758-7956                    |           | Apr-20-24         | Apr-24-24        | -                 | -                | PDF               |  |
| Hydro One Underground            | General Mailbox                 | tpumarkup@hydroone.com                     |                                   |           | Apr-20-24         | Apr-21-24        | -                 | -                | No confl          | High Voltage - Underground Facilities  |
| Hydro One Aerial                 | General Mailbox                 | westcentralzonescheduling@hydroone.ca      |                                   |           | Apr-20-24         | Apr-21-24        | -                 | -                | No confl          | High Voltage - Aerial Facilities   |



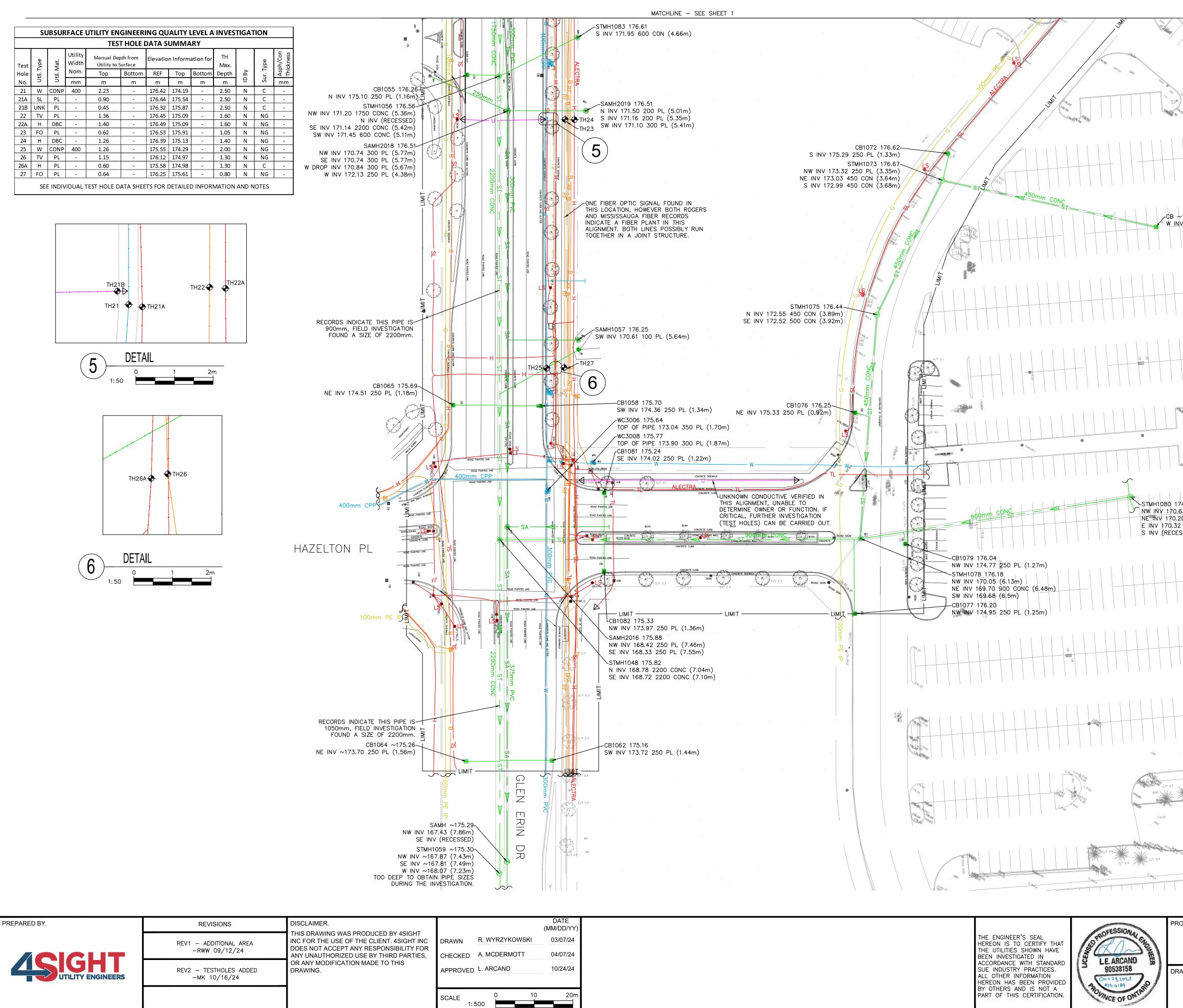
Appendix B – SUE Drawing



| NOT II<br>1. THE<br>2. THE<br>3. THE<br>CLUB<br>CHICKS INCOME INSTANT<br>CHICKS INCOME INSTANT<br>CHICKS INS | PLAN       Provide and a series of the series         |
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| С // С   | Image: Second state of the second |
|  | ●UP       UTILITY POLE         oLS       LIGHT STANDARD         oHW       HAND WELL         ④       HYDRO MAINTENANCE HOLE         ☑       HYDRO VAULT / TRANSFORMER         ☑       TELECOM PEDESTAL         Image: FLUSH-TO-GRADE       Image: FLUSH-TO-GRADE         ⑧       BELL MAINTENANCE HOLE         ⑨       ROGERS MAINTENANCE HOLE         Image: FLUSH-TO-GRADE       Image: FLUSH-TO-GRADE         Image: FLUSH-TO-GRADE       Image: FLUSH-TO-GR  |
| ROJECT. CLIEN<br>5100 ERIN MILLS PKWY  | PROM EXISTING RECORDS OR VERBAL         RECOLLECTIONS.         QUALITY LEVEL "C" - INFORMATION OBTAINED         BY SURVEYING AND PLOTTING VISIBLE ABOVE         GROUND UTILITY FEATURES AND BY USING         PROFESSIONAL JUDGEMENT IN CORRELATING         THIS INFORMATION TO THE QUALITY LEVEL "D"         INFORMATION.         QUALITY LEVEL "B" - INFORMATION OBTAINED         THROUGH THE APPLICATION OF APPROPRIATE         SURFACE GEOPHYSICAL METHODS TO DETERMINE         THE EXISTENCE AND APPROXIMATE HORIZONTAL         POSITION OF THE UTILITIES.         QUALITY LEVEL "A" - PRECISE HORIZONTAL         AND VERTICAL LOCATION OF UTILITES OBTAINED         BY THE ACTUAL EXPOSURE AND SUBSEQUENT         MEASUREMENT OF SUBSURFACE UTILITIES.   |
| MISSISSAUGA<br>RAWING.<br>SUBSURFACE UTILITY ENGINEERING   | JECT NO. 24-0184  |
| INVESTIGATION  | ∠ <del>4</del> -0104  |

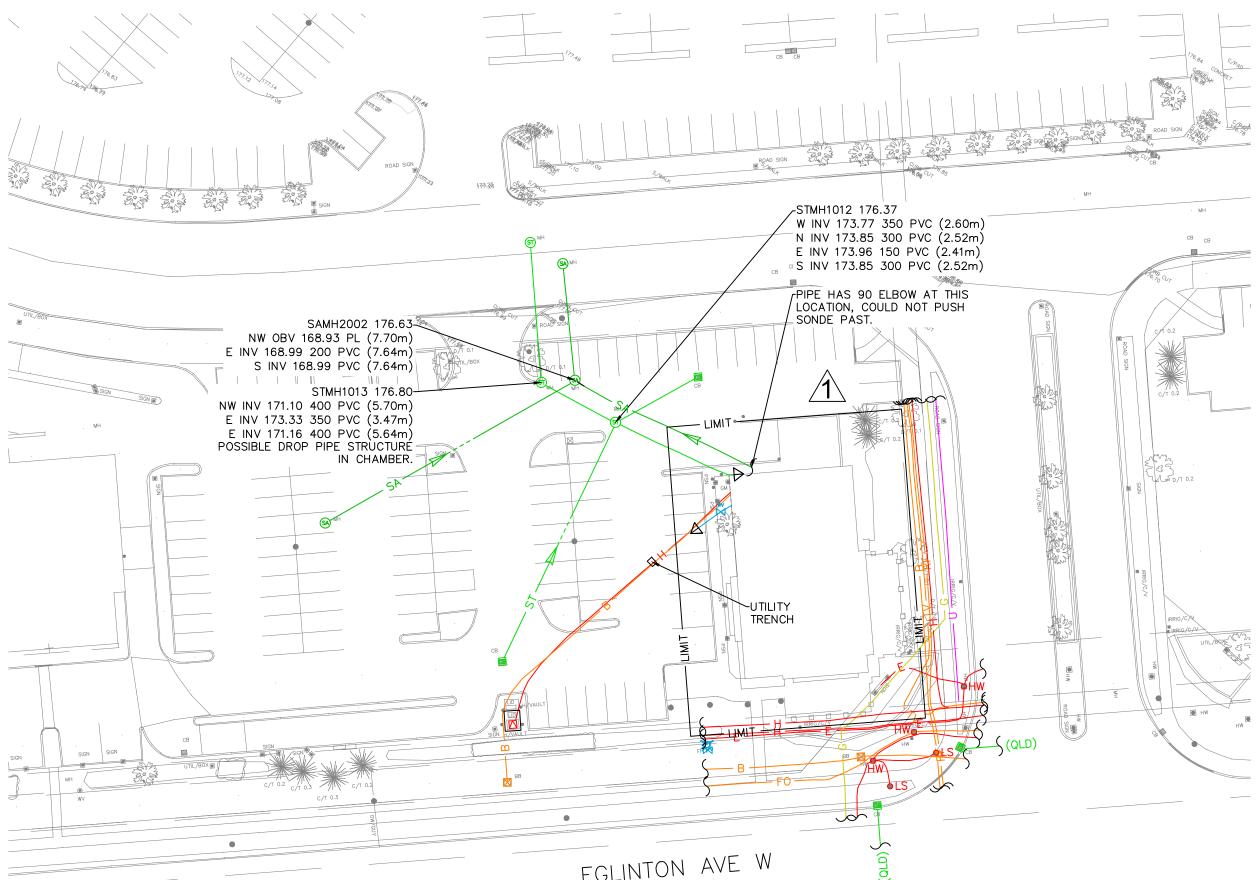


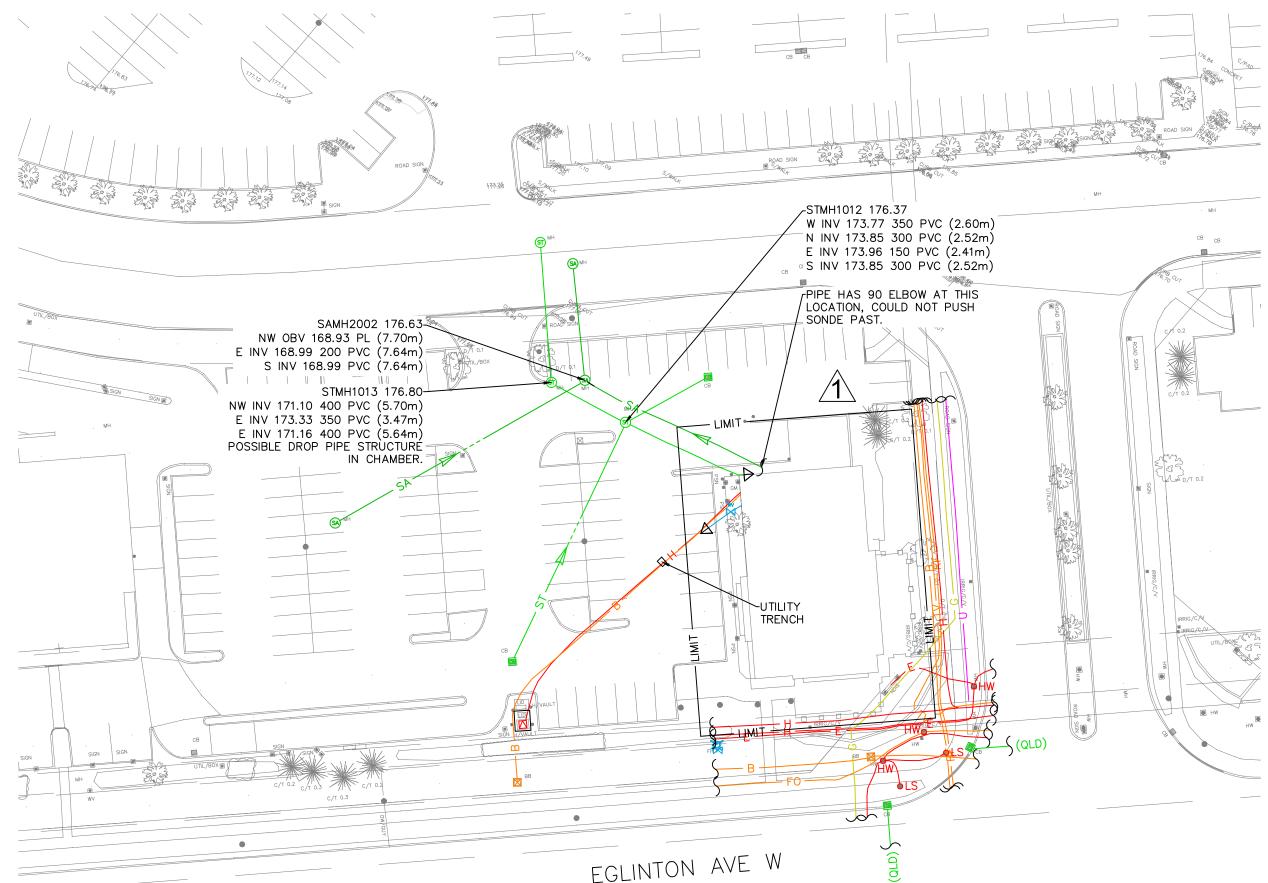
|  | KEY PLAN  |
|--|---|
|  | A A A A A A A A A A A A A A A A A A A   |
|  |   |
|  | SHEET 2   |
|  | CLEW ERIN OD LIGUIN   |
|  | NOT TO SCALE  |
|  | NOT TO SCALE  |
|  | GENERAL NOTÉS<br>1. THE INITIAL FIELD INVESTIGATION WAS COMPLETED IN MAY  |
|  | 2024. TEST HOLES WERE THEN COMPLETED IN OCT 2024.<br>2.THE LIMITS OF THE INVESTIGATION ARE AS PER SHOWN ON  |
|  | THE DRAWING.<br>3.THE BASE PLAN FOR THIS DRAWING WAS PROVIDED BY THE  |
|  | CLIENT AND 4SIGHT IS NOT RESPONSIBLE FOR ITS ACCURACY.<br>4.UTILITY SIZES AND MATERIALS ARE SHOWN IF AVAILABLE FROM   |
|  | RECORD INFORMATION.<br>5.KNOWN UTILITY OWNERS IDENTIFIED WITHIN PUBLIC RIGHT OF   |
|  | WAY INCLUDE:  |
|  | a.WATER & SEWERS - REGION OF PEEL<br>b.ELECTRICAL - ALECTRA, PRIVATE<br>c.TELECOM - BELL, ROGERS, MISSISSAUGA FIBRE   |
|  | d.GAS – ENBRIDGE<br>6.SEE PROJECT REPORT FOR ADDITIONAL DETAILS.  |
|  | LEGEND: B BELL TELECOMMUNICATIONS   |
|  | TV ROGERS COAXIAL<br>C PRIVATE COMMUNICATIONS   |
|  | FO FIBER OPTIC<br>BF BELL FIBER OPTIC   |
|  | RF ROGERS FIBER OPTIC     CF COGECO FIBER OPTIC   |
|  | ZF ZAYO FIBER OPTIC   |
| 1.86   | SL STREETLIGHT  |
| (9.4m)<br>(9.40m)  | TL TRAFFIC LIGHT     E PRIVATE ELECTRICAL     CAS   |
| I.85<br>1150 CONC (6.09m)  | G GAS PL PIPELINE   |
| 1150 CONC (6.08m)  | W WATER WATER SERVICE   |
|  | SA SANITARY SEWER<br>FM SANITARY FORCEMAIN  |
|  | ST STORM SEWER<br>U UNKNOWN CONDUCTIVE SIGNAL   |
|  | QUALITY LEVEL "B"<br>QUALITY LEVEL "C"  |
| 1)   | CONTRACT OF A CONTRACT. CONTRACT OF A C |
| 5103   |   |
|  | FLOW ARROW  |
|  | # LOCATION BASED ON RECORD INFO   |
| OT OT OT   | * LOCATION BASED ON FIELD OBSERVATION   |
| Starting of the starting   |   |
|  | Image: Storm Maintenance Hole       Image: Sanitary Maintenance Hole  |
|  | CATCH BASIN   |
|  | WATER CHAMBER   |
|  | FIRE HYDRANT  |
|  | GAS VALVE   |
|  | ●UP UTILITY POLE  |
|  | ols light standard  |
|  | <ul><li>○HW HAND WELL</li><li>④ HYDRO MAINTENANCE HOLE</li></ul>  |
|  | HYDRO VAULT / TRANSFORMER   |
|  | TELECOM PEDESTAL  |
|  | FLUSH-TO-GRADE  |
|  | BELL MAINTENANCE HOLE     ROGERS MAINTENANCE HOLE   |
|  | WINKNOWN MAINTENANCE HOLE   |
|  | TH TEST HOLE  |
|  | ASCE QUALITY LEVELS<br>THE UTILITY INFORMATION SHOWN ON THIS DRAWING WAS  |
| ING QUALITY LEVEL A INVESTIGATION  | COLLECTED IN ACCORDANCE TO ASCE STANDARD 38-22.<br>THE INFORMATION IS SHOWN BY QUALITY LEVEL WHICH<br>INDICATES THE LEVEL OF EFFORT USED TO DETERMINE<br>THE LOCATION OF THE DATA   |
| DATA SUMMARY       Elevation Information for TH     ed Ar       REF     Top     Bottom     Depth     An  | I QUALITY LEVEL "D" – INFORMATION DERIVED<br>N FROM EXISTING RECORDS OR VERBAL<br>C RECOLLECTIONS.  |
|  | R<br>_ QUALITY LEVEL "C" – INFORMATION OBTAINED   |
| m m m m <sup>⊥⊥</sup> <sup>Ϋ</sup> mm<br>175.42 173.32 - 2.40 N C -  | A GROUND UTILITY FEATURES AND BY USING  |
| 175.53         174.50         -         1.20         N         C         -           175.62         174.86         -         1.30         N         NG         - | S PROFESSIONAL JUDGEMENT IN CORRELATING<br>THIS INFORMATION TO THE QUALITY LEVEL "D"<br>E INFORMATION.  |
| 175.75 174.17 - 1.70 N NG -  | D<br>QUALITY LEVEL "B" - INFORMATION OBTAINED   |
| ETS FOR DETAILED INFORMATION AND NOTES   | Q THROUGH THE APPLICATION OF APPROPRIATE<br>U SURFACE GEOPHYSICAL METHODS TO DETERMINE<br>THE EXISTENCE AND APPROXIMATE HORIZONTAL  |
|  | A POSITION OF THE UTILITIES.  |
|  | QUALITY LEVEL "A" – PRECISE HORIZONTAL<br>AND VERTICAL LOCATION OF UTILITES OBTAINED<br>T ♥ BY THE ACTUAL EXPOSURE AND SUBSEQUENT<br>Y MEASUREMENT OF SUBSURFACE UTILITIES.   |
| OJECT.<br>5100 ERIN MILLS PKWY   | CLIENT.   |
| MISSISSAUGA  | EMTC HOLDINGS INC.  |
| RAWING.<br>SUBSURFACE UTILITY ENGINEERING  | PROJECT NO. 24-0184   |
| INVESTIGATION  | SHEET NO. 02 OF 03  |
|  |   |
|  |   |



| THE ENGINEER'S SEAL         |  |
|-----------------------------|--|
| HEREON IS TO CERTIFY THAT   |  |
| THE UTILITIES SHOWN HAVE    |  |
| BEEN INVESTIGATED IN        |  |
| ACCORDANCE WITH STANDARD    |  |
| SUE INDUSTRY PRACTICES.     |  |
| ALL OTHER INFORMATION       |  |
| HEREON HAS BEEN PROVIDED    |  |
| BY OTHERS AND IS NOT A      |  |
| PART OF THIS CERTIFICATION. |  |
|                             |  |

| 174.68       Control (4.05m)         123.050 CONC (4.05m)       SS0 CONC (4.35m)         123.050 CONC (4.35m)       SS0 CONC (4.35m)         123.050 CONC (4.35m)       SS0 CONC (4.35m)         124.68       CATCH BASIN         125.050 CONC (4.35m)       SS0 CONC (4.35m)         126.050 CONC (4.35m)       SS0 CONC (4.35m)         127.050 CONC (4.35m)       SS0 CONC (4.35m)         127.050 CONC (4.35m)       SS0 CONC (4.35m)         128.050 CONC (4.35m)       SS0 CONC (4.35m)         129.050 CONC (4.35m)       SS0 CONC (4.35m)         120.050 CONC (4.35m)       SS0 CONC (4.35m)         121.050 CONC (4.35m)       SS0 CONC (4  |  | KEY PLAN   |  |
|---|--|--|--|
| MARKET       STOOL FRIMILLES PRAYM         MARKET       STOOL FRIMILLES PRAYM   |  |  | AN STREE   |
| MARKET       STOOL FRIMILLES PRAYM         MARKET       STOOL FRIMILLES PRAYM   |  |  | ET TALE  |
| Hot 13 Sold       Sold         Immerstand       The NAME PEED INSTRUCTION WATCH THE COMPARED TO A SOLD         Immerstand       Sold         Immerstand <th></th> <th></th> <th></th>   |  |  |  |
| Hot 13 Sold       Sold         Immerstand       The NAME PEED INSTRUCTION WATCH THE COMPARED TO A SOLD         Immerstand       Sold         Immerstand <th>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</th> <th>/</th> <th></th>   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | /  |  |
| Hot 13 Sold       Sold         Immerstand       The NAME PEED INSTRUCTION WATCH THE COMPARED TO A SOLD         Immerstand       Sold         Immerstand <th></th> <th></th> <th>THE REAL AND A DECEMBER OF A D</th> |  |  | THE REAL AND A DECEMBER OF A D |
| <ul> <li>In the structure description was construction was construction was construction was and construction</li></ul>   |  | /  | <i>₩</i>   |
| The Base The Description of Picture Statement of Picture State   |  | 2024. TEST HOLES                                   | INVESTIGATION WAS COMPLETED IN MAY<br>S WERE THEN COMPLETED IN OCT 2024.   |
| <ul> <li>LINT ME SADIT IS NOT SERVICES TOR IS A SUBJECT OF THE SERVICE ALL AND AND ADDRESS OF THE SERVICE ALL AND ADDRESS OF THE SERVICE ALL ADDRESS OF THE SERVICE ADDRESS OF THE</li></ul>   | 5394 ST 100  | THE DRAWING.                                       |  |
| H175.33       H176.43         H175.33       H176.43         H176.33       H176.44         H176.33       H176.44         H176.33       H176.44         H176.34       H167.44         H176.35       H167.44         H176.36       H167.44         H176.37       H167.44         H176.38       H167.44         H176.37       H167.44         H176.37       H167.44         H176.38       H167.44         H176.37       H167.44         H176.38       H167.44         H176.37       H167.44         H167.44       H167.44   |  | CLIENT AND 4SIGH                                   | IT IS NOT RESPONSIBLE FOR ITS ACCURACY.  |
| Invasion       Invasion       Invasion       Invasion       Invasion         Invasion       Invasion       Invasion       Invasion       Invasion       Invasion         Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion         Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invasion       Invas  |  | RECORD INFORMAT                                    | TION.  |
| ELECTION - ALCERNA PRAVIT   |  | WAY INCLUDE:<br>a.WATER & SEW                      | IERS - REGION OF PEEL  |
| Bit Haw and Vert With Milles PKWY              Miller Milles PKWY             Miller PKWY            Miller   | · · · · · · · · · · · · · · · · · · ·  | c.TELECOM – B                                      | ELL, ROGERS, MISSISSAUGA FIBRE   |
| Participation       Participation         Participation       Partinon         Parinon  | NV $\sim 173.56$ 450 CONC (1.67m)  | 6.SEE PROJECT REF                                  |  |
| 174.6     State or and compared  |  | —————————————————————————————————————              |  |
| 1/4.65       Control Participation         1/4.65       Control Participation <t< th=""><th></th><th>——— FO -</th><th>FIBER OPTIC</th></t<>   |  | ——— FO -   | FIBER OPTIC  |
| 77       220 FIBER OFTIC         100 FIBER LIGHT       HYDRO         110 FIBER CLAST       HYDRO         111 FIBER FIBE   |  | RF -   | ROGERS FIBER OPTIC   |
| L       TRATIC LOIT         PRAVE ELECTRONIC       AS         PRAVE ELECTRONIC       SANTARY FOREINANCE         V       UNIT         V       CONTINUES OUT OF UNITS         V       SANTARY MANTEWARCE HOLE         V       SANTARY MANTEWARCE HOLE         V       SANTARY MANTEWARCE HOLE         V       UNIT         V       UNIT         V       UNIT         V       SANTARY MANTEWARCE HOLE         V       SANTARY MANTEWARCE HOLE         V       W         V       W         V       W         V       W         V       W         V       W         V       W   |  |  |  |
| 174.68       Out of the SERVICE         180.000 CONCLASED/O       Out of the SERVICE         180.000 CONCLASED/O <th></th> <th> TL -</th> <th>TRAFFIC LIGHT</th>  |  | TL -   | TRAFFIC LIGHT  |
| 174.56       SUBJECT (2000)         174.56       OUNTY LEVEL "C"         175.57       OUNTY LEVEL "C"         176.57       OUNTY LEVEL "C"         176.57       OUNTY LEVEL "C"  |  | G -  | GAS  |
| SAME SAME SAME SAME SAME SAME SAME SAME   |  | w -  | WATER  |
| ST       STORM SEWER         STORM SEWER       STORM SEWER         STORM SEWER       STORM SEWER         ST       CONTINUES OUT OF LIMITS         ST       STORM MAINTENANCE HOLE         ST       CONTINUES OUT OF LIMITS         ST       PIRE HORDANT         ST       WATER WAYE         ST       PIRE HORDANT   |  | SA -   | SANITARY SEWER   |
| multiplexel       00-unity Lexel       00-unit   |  |  |  |
| 174.68       CUMT OF ILVERSIDATION         174.68       CONTINUES OUT OF LIVITS         175.68   |  |  | ——— — QUALITY LEVEL "C"  |
| 174.68       END CAP         174.68       LOCATION BASED ON FECORD 1         163.1 Sol Concr(4.05m)       LOCATION BASED ON FECORD 1         127.00 CONC(4.05m)       LOCATION BASED ON FELD OB         127.00 CONC(4.05m)       Based Sol ON FELD OB         127.00 CONC(4.05m)       LOCATION BASED ON FELD OB         127.00 CONC(4.05m)       Based Sol ON FELD OB         127.00 CONC(4.05m)       LOCATION BASED ON FELD OB         127.00 CONC(4.05m)       Based Sol ON FELD OB         127.00 CONC(4.05m)       LOCATION BASED ON FELD OB         128.00 CONC ULL PARAMENTION TO FELD OB       LOCATION BASED ON FELD OB         129.01 CONC OB LINE DATE       DATE         120.01 CONC DATE       LOCATION DATE <th></th> <th>LIMIT-</th> <th>LIMIT OF INVESTIGATION</th>  |  | LIMIT-   | LIMIT OF INVESTIGATION   |
| 174.88       LOCATION BASED ON RECORD 1         163.350 IGONC (4.46m)       LOCATION BASED ON FIELD OB         129.050 CONC (4.46m)       SINITARY MAINTENANCE HOLE         120.050 CONC (4.46m)       SINITARY MAINTENANCE HOLE         120.050 CONC (4.46m)       SINITARY MAINTENANCE HOLE         120.050 CONC (4.46m)       SINITARY MAINTENANCE HOLE         120.051 CONC (4.15m)       SINITARY MAINTENANCE HOLE         120.051 C   |  | $\rightarrow$                                      |  |
| 174.65       Location Based on Field OB         185.350 concr(4,dsm)       Storm Maintenance HoLe         22 700 conc (4,dsm)       Storm Maintenance HoLe         22 700 conc (4,dsm)       Storm Maintenance HoLe         22 700 conc (4,dsm)       Walter Changer         23 walter       Walter Changer         24 Walter       Unity Pole         25 walter       Walter Changer         26 walter       Walter Changer         27 walter       Walter Changer         28 walter       Walter Changer         29 walter       Walter Changer         29 walter       Walter Changer         29 walter       Walter Changer         29 walter       Walter Changer         20 walter       Walter Changer         20 w   |  | ۲<br>۱   |  |
| 174.65       Storm Maintenance Hole         120.900 CONC (4.45m)       Santraky Maintenance Hole         120.900 Conc (4   |  |  | LOCATION BASED ON FIELD OBSERVATION  |
| 220 B00 CONC (4.45m)         237 700 CONC (4.45m)         257 700 CONC (4.45m)         25100 ERIN MILLS PKWY<br>MISSISSAUGA   |  |  |  |
| ESSED)<br>B CATCH BASIN<br>CATCH BA  | 0.20 900 CONC (4.48m)  |  |  |
| XX       FIRE HYDRANT         XX       FIRE HYDRANT         XX       GAS VALVE         UIP       UILTY POLE         UIP       UILTY TPOLE         UIP       UITTY TPOLE         UIP       UITTY TPOLE         UIP       UIP         U   |  |  |  |
| M       WATER VALVE         Si       GAS VALVE         UP       UTILITY POLE         UP       UP         UP       UTILITY POLE         UP       UP         UP       UP         UP       UP         UP       UP  |  |  |  |
| •UP       UTILITY POLE         •LS       LIGHT STANDARD         •HW       HAND WELL         •HYDRO WAULT / TRANSFORMER         •B       HYDRO WAULT / TRANSFORMER         •B       HYDRO WAULT / TRANSFORMER         •B       HYDRO WAULT / TRANSFORMER         •B       FLECOM PEDESTAL         •B       FLEDON FRANCE HOLE         •B       UNKNOWN MAINTENANCE HOLE         •C       THE UTITY INFORMATION SHOWN ON THIS DRAWING         COLLECTED IN ACCORDANCE TO ASCE STANDARD         •D       UNKNOWN MAINTENANCE HOLE         •D       MICKNOWN ON THIS DRAWING         COLLECTED IN ACCORDANCE TO ASCE STANDARD         •D       MICKNOWN ON THIS DRAWING         COLLECTED IN ACCORDANCE TO ASCE STANDARD         •D       MICKNOWN MAINTENANCE HOLE         •D       MICKNOWN ON THIS DRAWING         •D       OUALITY LEVEL TO' - INFORMATION DEFINED         •D       MICKNOWN MAINTENANCE HOLE         •D       MIC  |  | ×  |  |
| OLS       LIGHT STANDARD         OHN       HAND WELL         OHN       HELCOM PEDESTAL         THE LIGHT-TO-GRADE       OHN         OHN       BELL MAINTENANCE HOLE         OHN       RECEQUALITY LEVELS         THE UTILITY INFORMATION SHOWN ON THIS DRAWN         COLLECTED IN ACCORDANCE TO ASCE STANDARD         THE UNKNOWN MAINTENANCE HOLE         OHN         OLALITY LEVEL TO" - INFORMATION SHOWN ON THIS DRAWN         COLLECTED IN ACCORDANCE TO ASCE STANDARD         THE INFORMATION IS SHOWN POLALITY LEVEL S         THE UNCLOTING VISIEL ABOVE         OUALITY LEVEL TO" - INFORMATION OFTANE         THE INFORMATION THE ON THE OLITICA VISIEL ABOVE         OUALITY LEVEL TO" - INFORMATION OFTANE         THE INFORMATION OF THE UNCL         OUALITY LEVEL TO" - INFORMATION OFTANE         THE INFORMATION OF THE UNCL         OUALITY LEVEL TO - INFORMATION OFTANE         THE INFORMATION OF THE UNCL         OUALITY LEVEL TO" - INFORMATION OFTANE  |  |  |  |
| <ul> <li>O HYDRO MAINTENANCE HOLE</li> <li>B HYDRO VAULT / TRANSFORMER</li> <li>B TELECOM PEDESTAL</li> <li>B FLUSH-TO-GRADE</li> <li>O BELL MAINTENANCE HOLE</li> <li>O UNKNOWN MAINTENANCE HOLE</li> <li>O UNLITY LEVEL TO THE OFFICIAL OF THE HOLE</li> <li>O UNLITY LEVEL TO THE HOLE</li> <li>O UNLITY LEVEL TO THE OFFICIAL OF THE HOLE</li> <li>O UNLITY LEVEL TO THE OFFICIAL OF THE DATA</li> <li>O UNLITY LEVEL TO THE OFFICIAL OF APPROPRIATE ADDRESS ON VERBAL</li> <li>N FROM EXISTING RECORDS OR VERBAL</li> <li>N FROM EXISTING CRECORDS OR VERBAL</li> <li>N FROM EXISTING CRECORD OF UNITIES.</li> <li>N FROM EXISTING CRECORD OF UNITIES.</li> <li>N FROM EXISTING CRECORD OF UNITIES.</li> <li>N FROM EXISTING OF SUBSURFACE UTILITIES.</li> <li>N FROM EXISTI</li></ul>   |  |  | LIGHT STANDARD   |
| ROJECT.<br>SIDO ERIN MILLS PKWY<br>MISSISSAUGA<br>S TELECOM PEDESTAL<br>S THE ANONE TO ASSOCION ON THIS DRAWIN<br>S TELECOM PEDESTAL<br>S THE ANONE TO ASSOCION OF THE ATA<br>S THE ANONE TO ASSOCION OF THE ANONE TO ASSOCION OF THE<br>S S S THORMATION TO THE QUALITY LEVEL "2" - INFORMATION OF THE<br>S S S THORMATION OF THE UNITES.<br>S THE ANONE TO ASPORT AND A SUBJECT OF SUBSURFACE UTILITIES.<br>S THE ANONE AND APPROXIMATE HORIZONTAL<br>S THE ANONE AND SUBSURFACE UTILITIES.<br>S THORMATION OF THE UTILITIES.<br>S THE ANONE AND SUBSURFACE UTIL   |  |  |  |
| Image: State of the state  |  |  | HYDRO VAULT / TRANSFORMER  |
| Image: State of the state  |  |  |  |
| Image: Control of the second seco  | ۰.<br>۲ ۵۷۵ // ۵۲  |  | BELL MAINTENANCE HOLE  |
| Image: Constraint of the second s  |  | <u> </u>   |  |
| ASCE_QUALITY_LEVELS ASCE_CONTINUED AND A CONTINUES AND AND A CONTINUES AND AND A CONTINUES AND  |  | <b>Ф</b> тн  | TEST HOLE  |
| Collected in Accordance to ASCE Standard         The Involved in the  |  | THE UTILITY INF                                    | ORMATION SHOWN ON THIS DRAWING WAS   |
| THE LOCATION OF THE DATA         QUALITY LEVEL "D" - INFORMATION DERIVED         FROM EXISTING RECORDS OR VERBAL         RECOLLECTIONS.         QUALITY LEVEL "C" - INFORMATION OBTAINED         BY SURVEYING AND PLOTTING VISIBLE ABOVE         GROUND UTILITY FEATURES AND BY USING         GROUND UTILITY EVEL "B" - INFORMATION OBTAINED         UNFACE GEOPHYSICAL METHODS TO DETERM         UNFACE GEOPHYSICAL METHORIZONTAL         AND VERTICAL LOCATION OF UTILITES OBTAIN         UNALITY LEVEL "A" - PRECISE HORIZONTAL         AND VERTICAL LOCATION OF UTILITES OBTAIN         WHASUREMENT OF SUBSURFACE UTILITIES.         CLIENT.   |  | COLLECTED IN /<br>THE INFORMATIC<br>INDICATES THE  | ACCORDANCE TO ASCE STANDARD 38–22.<br>ON IS SHOWN BY QUALITY LEVEL WHICH<br>LEVEL OF EFFORT USED TO DETERMINE  |
| ROJECT.<br>RECOLLECTIONS.<br>RECOLLECTIONS.<br>QUALITY LEVEL "C" - INFORMATION OBTAINED<br>BY SURVEYING AND PLOTTING VISIBLE ABOVE<br>GROUND UTILITY FEATURES AND BY USING<br>PROFESSIONAL JUDGEMENT IN CORRELATING<br>THIS INFORMATION TO THE QUALITY LEVEL "I<br>INFORMATION.<br>QUALITY LEVEL "B" - INFORMATION OBTAINED<br>THROUGH THE APPLICATION OF APPROPRIATE<br>THROUGH THE APPLICATION OF APPROPRIATE<br>THROUGH THE APPLICATION OF APPROPRIATE<br>OUALITY LEVEL "A" - PRECISE HORIZONTAL<br>AND VERTICAL LOCATION OF THE UTILITIES.<br>QUALITY LEVEL "A" - PRECISE HORIZONTAL<br>AND VERTICAL LOCATION OF SUBSURFACE UTILITIES.<br>CLIENT.<br>CLIENT.<br>EMTC HOLDINGS INC.  | Сл. 5.<br>с/т. 6.3 с/т. 6.3<br>С/т. 6.3 с/т. 6.3   | THE LOCATION<br>I  <br>N   QUALITY LI<br>FROM EXIS | OF THE DATA<br>EVEL "D" — INFORMATION DERIVED<br>STING RECORDS OR VERBAL   |
| Image: Construction of the second  |  | C RECOLLEC   | TIONS.   |
| Image: Second Stress   |  | E BY SURVE<br>A GROUND U                           | YING AND PLOTTING VISIBLE ABOVE<br>JTILITY FEATURES AND BY USING   |
| Quality Level "B" - INFORMATION OBTAINED<br>THROUGH THE APPLICATION OF APPROPRIATE<br>SURFACE GEOPHYSICAL METHODS TO DETERM<br>THE EXISTENCE AND APPROXIMATE HORIZONT<br>POSITION OF THE UTILITIES.         QUALITY LEVEL "A" - PRECISE HORIZONTAL<br>AND VERTICAL LOCATION OF UTILITIES OBTAIN<br>BY THE ACTUAL EXPOSURE AND SUBSEQUEN<br>MEASUREMENT OF SUBSURFACE UTILITIES.         ROJECT.       CLIENT.         EMTC HOLDINGS INC.  | Crack and the second se | E INFORMATIO                                       | RMATION TO THE QUALITY LEVEL "D"   |
| A       Control       A       Control       Contro       Contro       Control       Contr   | с/т 0.3 с/т 0.4 с/т 0.3 с/т 0.3  | QUALITY L<br>Q THROUGH                             | THE APPLICATION OF APPROPRIATE   |
| ROJECT.<br>5100 ERIN MILLS PKWY<br>MISSISSAUGA<br>CLIENT.<br>CLIENT.<br>CLIENT.<br>CLIENT.  | State Cras   | THE EXIST  | ENCE AND APPROXIMATE HORIZONTAL  |
| ROJECT.<br>5100 ERIN MILLS PKWY<br>MISSISSAUGA<br>EMTC HOLDINGS INC.  |  | I QUALITY L  | ICAL LOCATION OF UTILITES OBTAINED   |
| 5100 ERIN MILLS PKWY<br>MISSISSAUGA EMTC HOLDINGS INC.  |  | Y BY THE AC<br>Y MEASUREM                          | CTUAL EXPOSURE AND SUBSEQUENT  |
| MISSISSAUGA   |  |  |  |
| RAWING.   |  | EM   | ITC HOLDINGS INC.  |
|   |  |  |  |
| SUBSURFACE UTILITY ENGINEERING<br>INVESTIGATION 24-0184   |  |  |  |
| SHEET NO. 03 OF 03  | -  | SHELI NU.  | 03 OF 03   |





| PREPARED BY. | REVISIONS              |  |              |                     | DATE<br>(MM/DD/Y |
|--------------|------------------------|--|--------------|---------------------|------------------|
|              | REV1 – ADDITIONAL AREA | THIS DRAWING WAS PRODUCED BY 4SIGHT<br>INC FOR THE USE OF THE CLIENT. 4SIGHT INC | DRAWN        | R. WYRZYKOWSKI      | 10/18/2          |
|              | -RWW 09/12/24          | DOES NOT ACCEPT ANY RESPONSIBILITY FOR<br>ANY UNAUTHORIZED USE BY THIRD PARTIES, | CHECKED      | J. GOSWAMI          | 04/07/2          |
|              |                        | OR ANY MODIFICATION MADE TO THIS DRAWING.  | APPROVED     | L.ARCAND            | 10/24/2          |
|              |                        | -  |              | 0 10                |                  |
|              |                        |  | SCALE<br>1:5 | 0 10<br>500 <b></b> | 20               |

|   |          |   | KEY PLAN   |
|---|----------|---|--|
|   |          |   | CLEN CLE CLENT CLENT CLEAR CLE |
|   |          |   | GENERAL NOTES<br>1. THE FIELD INVESTIGATION WAS COMPLETED IN OCT 2024.<br>2. THE LIMITS OF THE INVESTIGATION ARE AS PER SHOWN ON<br>THE DRAWING.<br>3. THE BASE PLAN FOR THIS DRAWING WAS PROVIDED BY THE<br>CLIENT AND 4SIGHT IS NOT RESPONSIBLE FOR ITS<br>ACCURACY.<br>4. KNOWN UTILITY OWNERS IDENTIFIED WITHIN PUBLIC RIGHT<br>OF WAY INCLUDE:<br>a. WATER & SEWERS – REGION OF PEEL<br>b.ELECTRICAL – ALECTRA, PRIVATE<br>c. TELECOM – BELL, ROGERS, MISSISSAUGA FIBRE<br>d.GAS – ENBRIDGE   |
| E INV 17368 ISO EURO KT IN<br>TO CATION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION<br>ACTION | MH<br>CB | PRJECT.   | LEGEND:<br>P Recercise Constructions<br>P Recent Provided Communications<br>P Recent Provided Communications<br>P Recent Provided Communications<br>P Recent Provided Communications<br>P P Revise Communications<br>P P Provide Communications<br>P P Provided Communications<br>P P P Provided Communications<br>P P P Provided Communications<br>P P P Provided Communications<br>P P P P Provided Communications<br>P P P P Provided Communications<br>P P P P P Provided Communications<br>P P P P P P P P P P P P P P P P P P P   |
| D/YY)<br>8/24<br>17/24  |          | 2635 EGLINTON AVE<br>MISSISSAUGA, ON                        | 2635 EGLINTON AVE,   |
| 4/24  |          | DRAWING.<br>SUBSURFACE UTILITY ENGINEERING<br>INVESTIGATION | PROJECT NO. 24-0184  |
| 20m   |          |   | SHEET NO. 01 OF 01   |



Appendix C – Site Photos



## **24-0184** 5100 Erin Mills Parkway

Photo Report





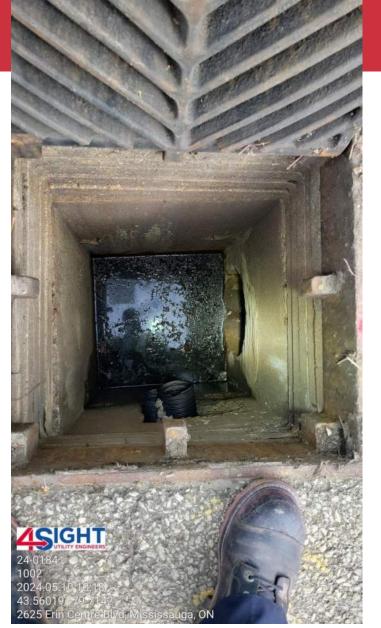






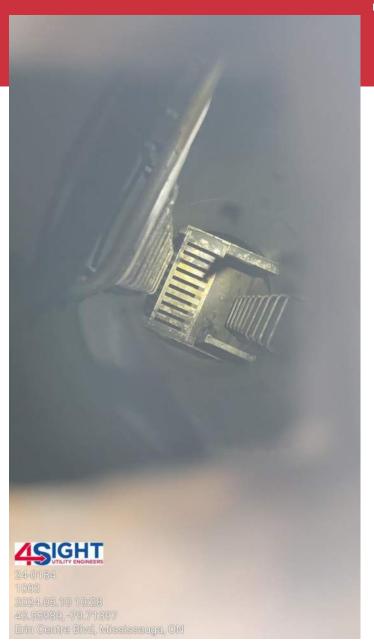




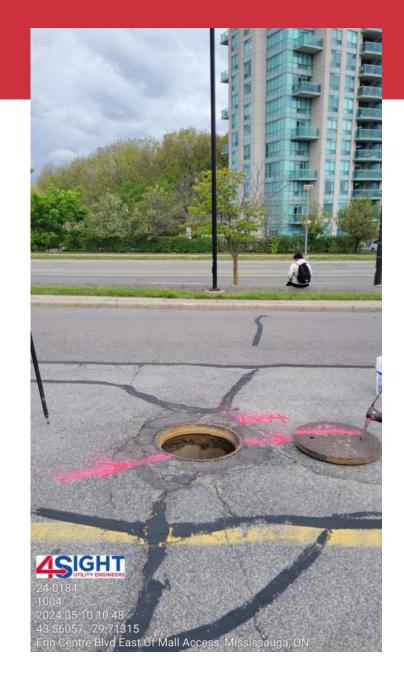


























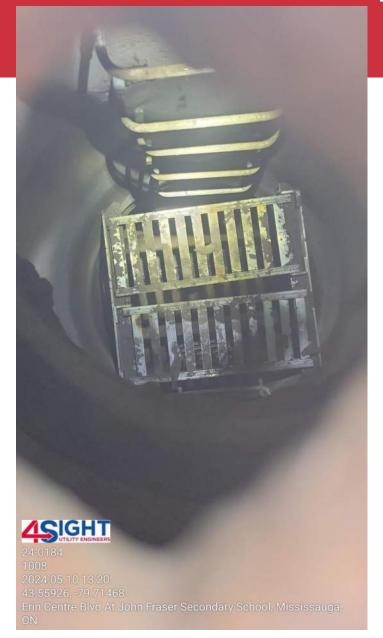






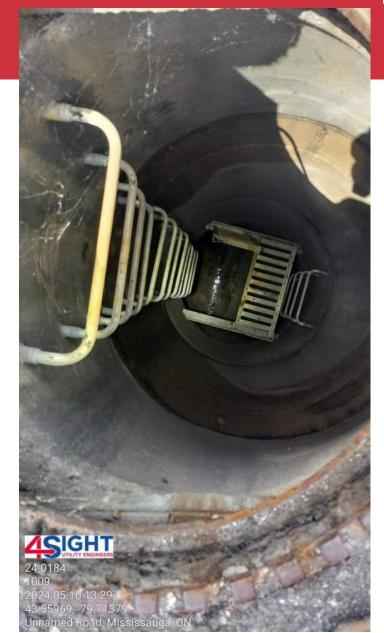








































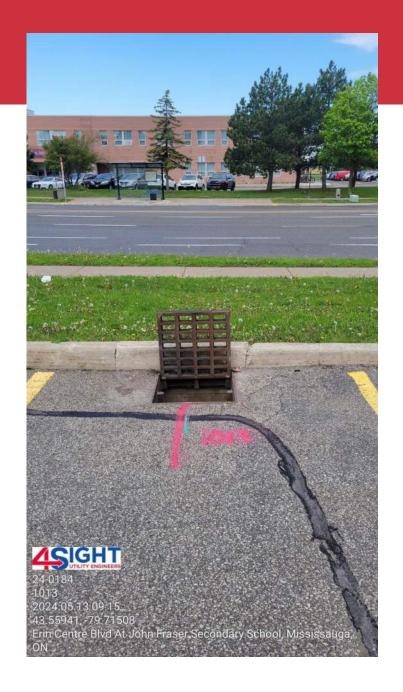


















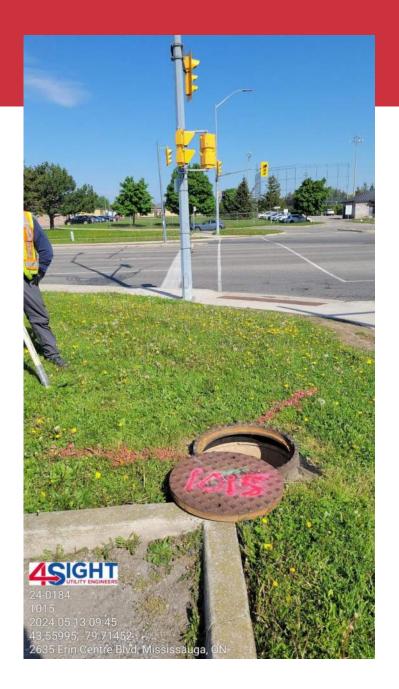
























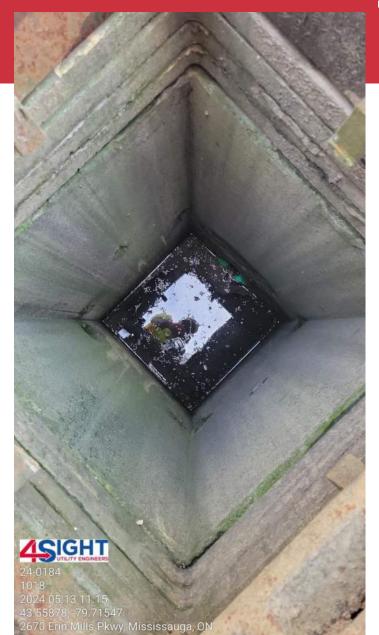






































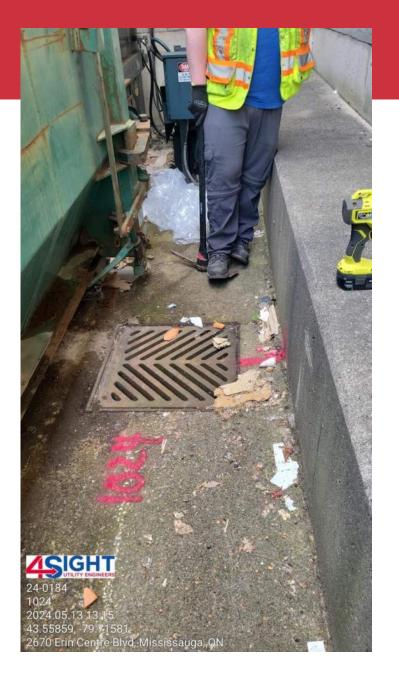






































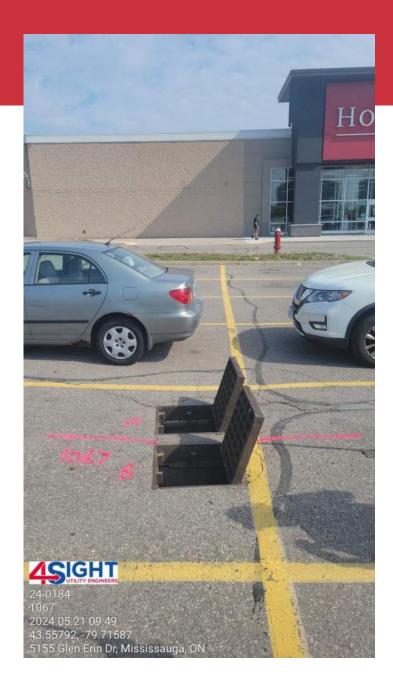


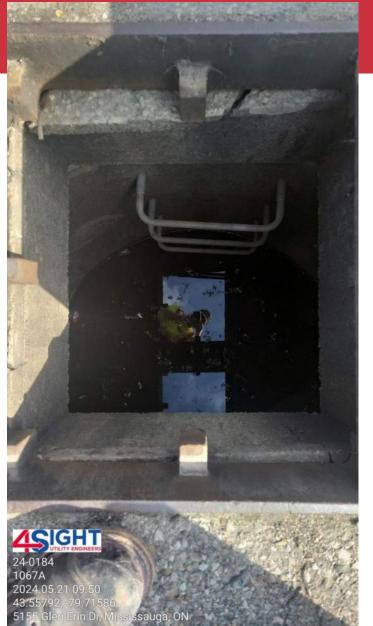










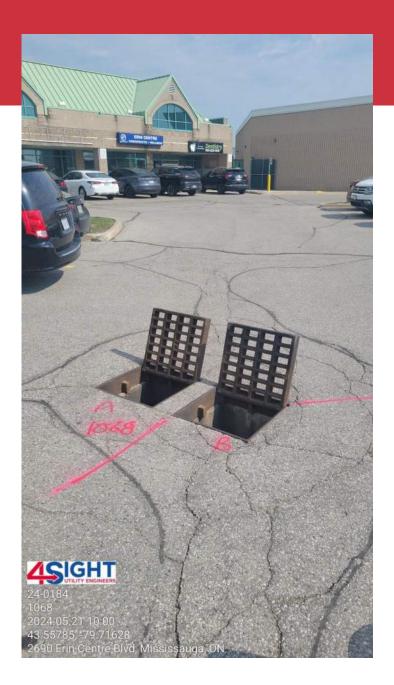


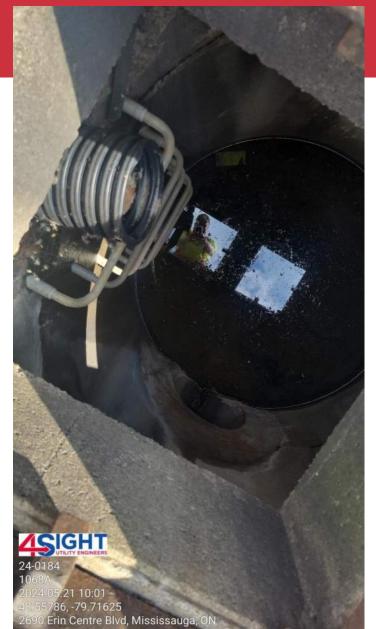
















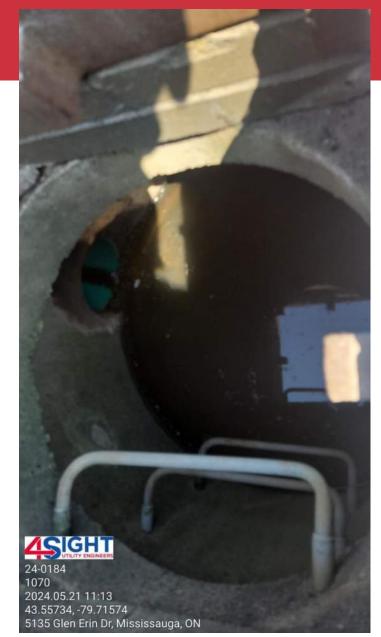
























































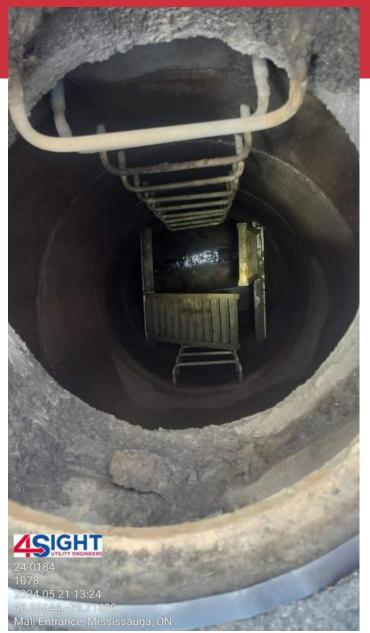






































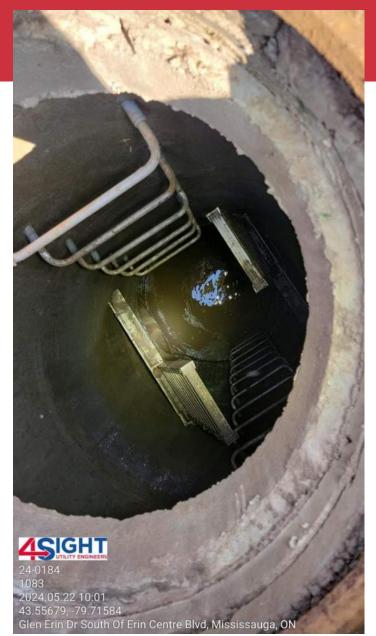






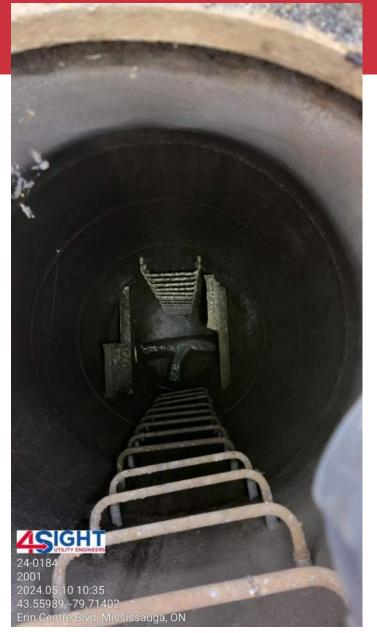




















































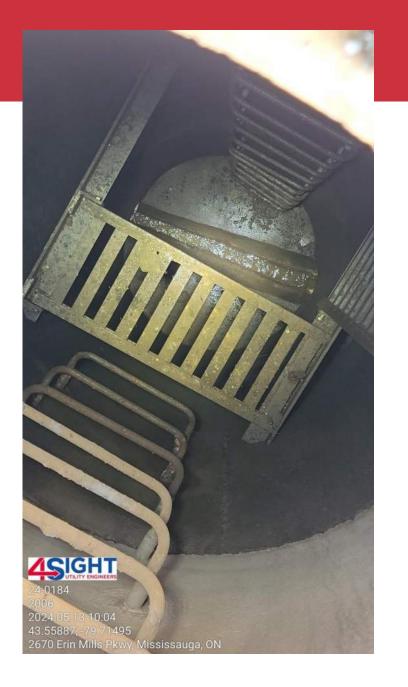
















































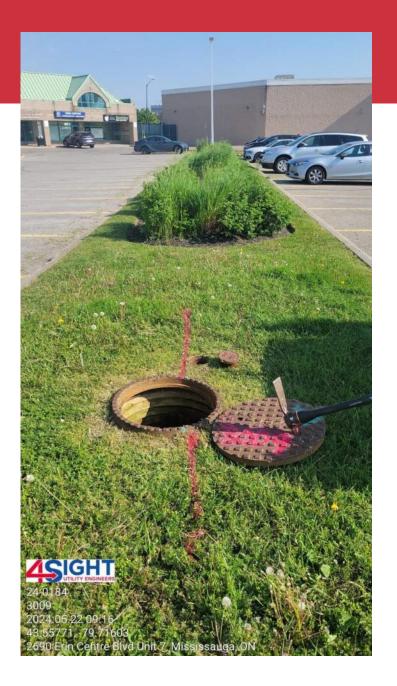








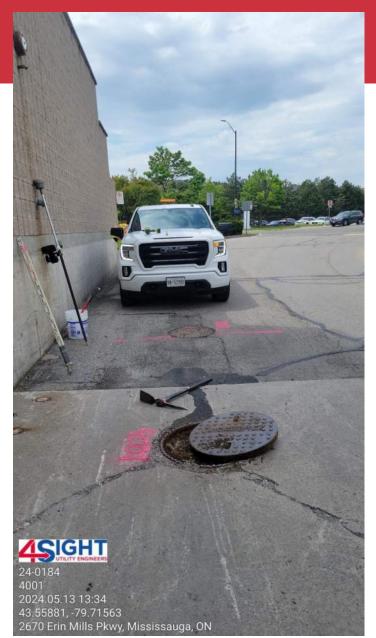




















## Appendix D – Test Hole Data Sheets

Project: 5100 ERIN MILLS PKWY

Project #: Client:

24-0184



Prepared By: MK JG Checked By: Report Date: 2024-10-16

|       |         |            | 24-0    |               |               |          | LITY ENGIN | FEDS      |            | кеа ву:          |           | 0                     |  |  |  |
|-------|---------|------------|---------|---------------|---------------|----------|------------|-----------|------------|------------------|-----------|-----------------------|--|--|--|
| Clie  | ent:    |            | EMTC HC |               |               |          |            |           |            | rt Date:         |           | -10-16                |  |  |  |
|       |         | SUBS       | URFAC   | E UTILITY E   |               | -        |            |           | NVESTI     | GATIO            | N         |                       |  |  |  |
|       |         |            |         |               | ST HOLE       | 1        |            | <b>ΚΥ</b> | Due        |                  |           |                       |  |  |  |
|       | ol Pts. |            | 01      | 10            |               |          | 03         |           |            | ect Ar           |           |                       |  |  |  |
| Nort  | hing    |            | 821.22  | 482355        | 51.32         | 48234    | 431.38     | Main      | Road       | ERIN CENTRE BLVE |           |                       |  |  |  |
| Eas   | sting   | 6037       | 85.01   | 60360         | 5.48          | 6036     | 87.04      | Side St   | reet #1    | GI               | EN ERIN   | DR                    |  |  |  |
| Eleva | ation   | 174        | 4.75    | 177.          | 66            | 176      | 5.81       | Side St   | reet #2    | EG               | LINTON    | AVE                   |  |  |  |
|       |         |            | Utility | Туре (Туре)   |               |          |            |           | ility Mate | Material (Mat.)  |           |                       |  |  |  |
| н     | Hydro   |            |         | STM           | Storm Sew     | ver      |            | C         |            | bestos Cement    |           |                       |  |  |  |
| EXP   | Explor  | -          |         | т             | Telecom.      |          |            | AY        | Clay Pipe  |                  |           |                       |  |  |  |
| FO    | Fiber C | •          |         | TL            | Traffic Ligh  |          |            | NP        | Concrete   | •                |           |                       |  |  |  |
| G     | Gas/Pi  | •          |         | TV            | Cable Tele    | vision   |            | ND        | Concrete   |                  |           |                       |  |  |  |
| GS    | Gas Se  |            |         | UNK           | Unknown       |          |            | P         | Corrugate  |                  |           |                       |  |  |  |
|       |         | ry Sewer   |         | WS            | Water Serv    | vice     |            | SP        | Corrugate  | ed Steel         | Pipe      |                       |  |  |  |
| E     |         | e Electric | 2       | W             | Water         |          |            | U         | Copper     |                  |           |                       |  |  |  |
| SL    | Street  | -          |         | ST            | Steam         |          |            | BC        | Direct Bu  |                  | ble       |                       |  |  |  |
|       |         |            |         | H) Data Notes |               | -        |            | СТ        | Duct Ban   |                  |           |                       |  |  |  |
|       |         | Type (S    | 5Т)     |               | tified By (ID | -        | Р          |           | Plastic (P |                  | •         |                       |  |  |  |
| Α     | •       | halt       |         | RC            | Rod and Ca    | ар       |            | ET        | Metallic ( |                  |           |                       |  |  |  |
| С     |         | crete      |         | х             | Cut 'X'       |          |            | NK        | Unknown    |                  |           |                       |  |  |  |
| I     |         | rlocking   |         | N             | Nail          |          | 0          | ГH        | Other - S  | ee TH D          | ata Note  | S                     |  |  |  |
| NG    | Nat     | ural Gro   | und     | WS            | Wooden S      | take     |            |           |            |                  |           |                       |  |  |  |
|       | 0       |            | Utility | Manual Depth  | from Utility  | Flevatio | on Informa | tion for  | ТН         |                  |           | Asph/Con<br>Thickness |  |  |  |
| Test  | Type    | Лat        | Width   | to Sur        | face          | Lievan   |            |           | Max.       |                  | ype       | ckn /C                |  |  |  |
| Hole  | Util. T | Util. Mat. | Nom.    | Тор           | Bottom        | REF      | Тор        | Bottom    | Depth      | Βy               | Sur. Type | Asp<br>Thi            |  |  |  |
| No.   | Ę       | Ð          | mm      | m             | m             | m        | m          | m         | m          | ₽                | Su        | mm                    |  |  |  |
| 1     | W       | CONP       | 400     | 1.74          | -             | 177.30   | 175.56     | -         | 2.10       | N                | С         | -                     |  |  |  |
| 2     | ΤV      | PL         | -       | 1.34          | -             | 177.49   | 176.15     | -         | 1.50       | N                | NG        | -                     |  |  |  |
| 2A    | Н       | DBC        | -       | 1.37          | -             | 177.47   | 176.10     | -         | 1.50       | N                | NG        | -                     |  |  |  |
| 3     | FO      | PL         | -       | 0.56          | -             | 177.56   | 177.00     | -         | 0.90       | N                | NG        | -                     |  |  |  |
| 4     | Н       | DBC        | -       | 1.48          | -             | 177.48   | 176.00     | -         | 1.60       | N                | NG        | -                     |  |  |  |
| 5     | W       | СР         | 900     | 2.55          | -             | 177.52   | 174.97     | -         | 2.80       | N                | NG        | -                     |  |  |  |
| 5A    | SL      | PL         | -       | 0.64          | -             | 177.55   | 176.91     | -         | 2.80       | N                | NG        | -                     |  |  |  |
| 5B    | FO      | PL         | -       | 0.81          | -             | 177.59   | 176.78     | -         | 2.80       | N                | NG        | -                     |  |  |  |
| 6     | Н       | DBC        | -       | 1.16          | -             | 177.55   | 176.39     | -         | 1.55       | N                | NG        | -                     |  |  |  |
| 7     | Т       | PL         | -       | 0.45          | -             | 177.42   | 176.97     | -         | 0.85       | N                | NG        | -                     |  |  |  |
| 8     | Н       | DBC        | -       | 1.42          | -             | 177.68   | 176.26     | -         | 1.60       | N                | NG        | -                     |  |  |  |
| 8A    | FO      | PL         | -       | 1.05          | -             | 177.68   | 176.63     | -         | 1.60       | N                | NG        | -                     |  |  |  |
| 9     | W       | СР         | 900     | 2.05          | -             | 176.57   | 174.52     | -         | 2.20       | N                | NG        | -                     |  |  |  |
| 9A    | SL      | PL         | -       | 0.73          | -             | 176.58   | 175.85     | -         | 2.20       | N                | NG        | -                     |  |  |  |
| 10    | Т       | PL         | -       | 0.65          | -             | 176.64   | 175.99     | -         | 0.90       | N                | NG        |                       |  |  |  |
| 11    | E       | PL         | -       | 0.15          | -             | 176.77   | 176.62     | -         | 0.30       | N                | NG        | -                     |  |  |  |
| 12    | Н       | PL         | -       | 1.46          | -             | 176.89   | 175.43     | -         | 1.60       | N                | NG        |                       |  |  |  |
| 13    | W       | CONP       | 900     | 2.19          | -             | 175.89   | 173.70     | -         | 2.40       | N                | NG        | -                     |  |  |  |
| 14    | SL      | PL         | -       | 0.92          | -             | 175.89   | 174.97     | -         | 1.15       | N                | NG        | -                     |  |  |  |
|       |         | SEE IND    | DIVIDUA | L TEST HOLE   | DATA SHEE     | TS FOR D | ETAILED    | INFORM    | ATION AN   | ID NOT           | ES        |                       |  |  |  |

Project: 5100 ERIN MILLS PKWY

Project #: Client:

24-0184



Prepared By: MK JG Checked By: Report Date: 2024-10-16

|   |   | SUBS   | URFAC                        | E UTILITY E  | NGINEER                                   |  | ALITY LE   | EVEL A I                        | NVESTI   | GATIO                           | N  |                            |  |
|---|---|--|------------------------------|--|---|--|--|---------------------------------|--|---------------------------------|--|----------------------------|--|
|   |   |  |                              | TE   | ST HOLE                                   | DATA SI  | JMMAF  | RY                              |  |                                 |  |                            |  |
| Contr   | ol Pts.   | 1  | 01                           | 10   | 2   | 10   | 03   |                                 | Proj   | ject Ar                         | ea   |                            |  |
| Nor   | thing   | 48238  | 321.22                       | 48235  | 51.32                                     | 48234  | 131.38   | Main                            | Road   | ERIN                            | CENTRE                                     | BLVD                       |  |
| Ea  | sting   | 6037   | 85.01                        | 60360  | 5.48                                      | 6036   | 87.04  | Side St                         | reet #1  | GI                              | EN ERIN                                    | DR                         |  |
| Elev  | ation   | 174  | 4.75                         | 177  | .66                                       | 176  | 5.81   | Side St                         | reet #2  | EG                              | LINTON                                     | AVE                        |  |
|   |   |  | Utility                      | Туре (Туре)  |   | -  |  |                                 | ility Mate   |                                 |  |                            |  |
| н   | Hydro   |  |                              | STM  | Storm Sew                                 | ver  | A  | C                               | Asbestos   |                                 | t  |                            |  |
| EXP   | Explora   | -  |                              | т  | Telecom.                                  |  |  | AY                              | Clay Pipe  |                                 |  |                            |  |
| FO  | Fiber C   | •  |                              | TL   | Traffic Ligh                              |  |  | NP                              | Concrete   | •                               |  |                            |  |
| G   | Gas/Pi  |  |                              | TV   |   | Cable Television COND<br>Unknown CP  |  |                                 | Concrete   |                                 |  |                            |  |
| GS  | Gas Se  |  |                              | UNK  | Unknown                                   |  |  |                                 | Corrugat   |                                 |  |                            |  |
| SAN   |   | y Sewer  |                              | WS   | Water Serv                                | vice   |  | SP                              | Corrugat   | ed Steel                        | Pipe                                       |                            |  |
| E   |   | Electric   | ;                            | W  | Water                                     |  |  | U                               | Copper   |                                 |  |                            |  |
| SL  | Street  | -  |                              | ST   | Steam                                     |  |  | BC                              | Direct Bu  |                                 | ble  |                            |  |
|   |   |  |                              | H) Data Notes  |   | <b>`</b>   |  | СТ                              | Duct Ban   |                                 | - 4 - 1                                    |                            |  |
|   |   | Type (S  | 1)                           |  | tified By (ID                             |  | P  |                                 | Plastic (P   |                                 | -  |                            |  |
| A   | Asp   |  |                              | RC   | Rod and Cap MET                           |  |  |                                 | Metallic (   | • • •                           | tc.)                                       |                            |  |
| C   |   | crete<br>rlocking                                  |                              | X<br>N   |   |  |  |                                 | Unknowr<br>Other - S                                 |                                 | ata Nata                                   | c .                        |  |
| ו<br>NG   |   | rlocking<br>ural Gro                               |                              | WS   | Wooden S                                  | tako   |  |                                 | Other - S  | eeinD                           |  | 5                          |  |
| Test  | Type  |  | Utility<br>Width             | Manual Depth<br>to Sur   | n from Utility                            |  | on Informa   | ition for                       | TH<br>Max.   |                                 | ed   | Asph/Con<br>Thickness      |  |
| Hole  | Τ   | Util. Mat.   | Nom.                         | Тор  | Bottom                                    | REF  | Тор  | Bottom                          | Depth  | B∕                              | Sur. Type                                  | vsph<br>hicl               |  |
| No.   | Util.   | Uti  | mm                           | m  | m   | m  | m  | m                               | m  |                                 | Sur  | _ <u> </u>                 |  |
| 15  | Т   | PL   | -                            | 0.88   | -   | 176.07   | 175.19   | -                               | 1.10   | N                               | NG   | -                          |  |
| 16  | H   | PL   | -                            | 1.31   | -   | 175.98   | 174.67   | -                               | 1.50   | N                               | NG   | -                          |  |
| 17  | w   | CONP   | 900                          | 2.10   | -   | 175.43   | 173.33   | -                               | 2.40   | N                               | С  | -                          |  |
| 18  | SL  | PL   | -                            | 1.03   | -   | 175.54   | 174.51   | -                               | 1.20   | N                               | С  | -                          |  |
| 4.0   | Т   | COND   | -                            | 0.76   | -   | 175.63   | 174.87   | -                               | 1.30   | N                               | NG   | -                          |  |
| 19  |   |  |                              | 1.58   | -   | 175.76   | 174.18   | -                               | 1.70   | N                               | NG   | -                          |  |
| 20  | Н   | DBC  |                              | 1.50   |   | 1/3./0   |  |                                 |  | 1                               |  | -                          |  |
|   | H<br>W  | DBC<br>CONP  | 400                          | 2.23   | -   | 176.43   | 174.20   | -                               | 2.50   | N                               | C  |                            |  |
| 20  |   |  | -<br>400<br>-                |  | -   |  |  | -                               | 2.50<br>2.50   | N<br>N                          | C<br>C                                     | -                          |  |
| 20<br>21  | W   | CONP   |                              | 2.23   |   | 176.43   | 174.20   |                                 |  |                                 |  | -                          |  |
| 20<br>21<br>21A   | W<br>SL   | CONP<br>PL   | -                            | 2.23<br>0.90   | -   | 176.43<br>176.45<br>176.33<br>176.46   | 174.20<br>175.55<br>175.88<br>175.10   | -                               | 2.50   | N                               | С  |                            |  |
| 20<br>21<br>21A<br>21B<br>22<br>22A                         | W<br>SL<br>UNK                                  | CONP<br>PL<br>PL                                   | -                            | 2.23<br>0.90<br>0.45<br>1.36<br>1.40                                 | -   | 176.43<br>176.45<br>176.33<br>176.46<br>176.50   | 174.20<br>175.55<br>175.88<br>175.10<br>175.10                               | -                               | 2.50<br>2.50   | N<br>N                          | C<br>C                                     | -<br>-<br>-                |  |
| 20<br>21<br>21A<br>21B<br>22<br>22A<br>23                   | W<br>SL<br>UNK<br>TV<br>H<br>FO                 | CONP<br>PL<br>PL<br>DBC<br>PL                      |                              | 2.23<br>0.90<br>0.45<br>1.36<br>1.40<br>0.62                         |   | 176.43<br>176.45<br>176.33<br>176.46<br>176.50<br>176.54                               | 174.20<br>175.55<br>175.88<br>175.10<br>175.10<br>175.92                     |                                 | 2.50<br>2.50<br>1.60<br>1.60<br>1.05                 | N<br>N<br>N                     | C<br>C<br>NG                               |                            |  |
| 20<br>21<br>21A<br>21B<br>22<br>22A<br>23<br>23<br>24       | W<br>SL<br>UNK<br>TV<br>H<br>FO<br>H            | CONP<br>PL<br>PL<br>DBC<br>PL<br>DBC               | -<br>-<br>-<br>-<br>-<br>-   | 2.23<br>0.90<br>0.45<br>1.36<br>1.40<br>0.62<br>1.26                 |   | 176.43<br>176.45<br>176.33<br>176.46<br>176.50<br>176.54<br>176.40                     | 174.20<br>175.55<br>175.88<br>175.10<br>175.10<br>175.92<br>175.14           | -                               | 2.50<br>2.50<br>1.60<br>1.60<br>1.05<br>1.40         | N<br>N<br>N                     | C<br>C<br>NG<br>NG<br>NG<br>NG             | -<br>-<br>-<br>-<br>-<br>- |  |
| 20<br>21<br>21A<br>21B<br>22<br>22A<br>23<br>23<br>24<br>25 | W<br>SL<br>UNK<br>TV<br>H<br>FO<br>H<br>W       | CONP<br>PL<br>PL<br>DBC<br>PL<br>DBC<br>CONP       | -<br>-<br>-<br>-<br>-<br>400 | 2.23<br>0.90<br>0.45<br>1.36<br>1.40<br>0.62<br>1.26<br>1.77         | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | 176.43<br>176.45<br>176.33<br>176.46<br>176.50<br>176.54<br>176.40<br>176.07           | 174.20<br>175.55<br>175.88<br>175.10<br>175.10<br>175.92<br>175.14<br>174.30 | -<br>-<br>-<br>-<br>-<br>-<br>- | 2.50<br>2.50<br>1.60<br>1.60<br>1.05<br>1.40<br>2.00 | N<br>N<br>N<br>N<br>N<br>N      | C<br>C<br>NG<br>NG<br>NG<br>NG<br>NG       | -<br>-<br>-<br>-<br>-<br>- |  |
| 20<br>21<br>21A<br>22B<br>22A<br>23<br>24<br>25<br>26       | W<br>SL<br>UNK<br>TV<br>H<br>FO<br>H<br>W<br>TV | CONP<br>PL<br>PL<br>DBC<br>PL<br>DBC<br>CONP<br>PL | -<br>-<br>-<br>-<br>-<br>-   | 2.23<br>0.90<br>0.45<br>1.36<br>1.40<br>0.62<br>1.26<br>1.77<br>1.15 | -<br>-<br>-<br>-<br>-<br>-                | 176.43<br>176.45<br>176.33<br>176.46<br>176.50<br>176.54<br>176.40<br>176.07<br>176.13 | 174.20<br>175.55<br>175.88<br>175.10<br>175.92<br>175.14<br>174.30<br>174.98 | -                               | 2.50<br>2.50<br>1.60<br>1.05<br>1.40<br>2.00<br>1.30 | N<br>N<br>N<br>N<br>N<br>N<br>N | C<br>C<br>NG<br>NG<br>NG<br>NG<br>NG<br>NG | -                          |  |
| 20<br>21<br>21A<br>21B<br>22<br>22A<br>23<br>23<br>24<br>25 | W<br>SL<br>UNK<br>TV<br>H<br>FO<br>H<br>W       | CONP<br>PL<br>PL<br>DBC<br>PL<br>DBC<br>CONP       | -<br>-<br>-<br>-<br>-<br>400 | 2.23<br>0.90<br>0.45<br>1.36<br>1.40<br>0.62<br>1.26<br>1.77         | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | 176.43<br>176.45<br>176.33<br>176.46<br>176.50<br>176.54<br>176.40<br>176.07           | 174.20<br>175.55<br>175.88<br>175.10<br>175.10<br>175.92<br>175.14<br>174.30 | -<br>-<br>-<br>-<br>-<br>-<br>- | 2.50<br>2.50<br>1.60<br>1.60<br>1.05<br>1.40<br>2.00 | N<br>N<br>N<br>N<br>N<br>N      | C<br>C<br>NG<br>NG<br>NG<br>NG<br>NG       | -                          |  |

| Project:<br>Project #:<br>Client: | 5100 ERIN MILLS PKV<br>24-0184<br>EMTC HOLDINGS<br>SUE QUALIT | 4                 | UT          | GHI<br>LITY ENGINEER                        | RS      | Prepared By:<br>Checked By:<br>Date:<br>MATION                             | MK<br>JG<br>2024-10-10 |
|-----------------------------------|---|-------------------|-------------|---|---------|--|------------------------|
| TEST HOLE                         | E NUMBER:   | 1                 |             |   | HOLE    |  | 24-10-01               |
|                                   | TEST HOLE LO  |                   | P           |   | TEST    | HOLE COORI   | DINATES                |
|                                   |   | atro (            |             |   |         | Northing<br>4823518.00<br>Easting<br>603630.69<br>Grade Elevatio<br>177.30 | m                      |
| Utility Informa                   | ation   |                   | Referen     | ce Marker In                                | fo      |  |                        |
| Utility T                         |   | W                 |             | Identified by                               |         | N  |                        |
| Utility C                         |   | City              |             | Ref. Marker                                 |         | Center of Util   | ity                    |
| Utility N                         |   | CONP              |             | Surface Type                                |         | С  |                        |
|                                   | Pirection   | SE-NW             |             | Hard Surf.Th                                | nick.   | -  | mm                     |
| Util. Wie<br>Record               | dth (OD)  | 500<br>400        | mm<br>mm    |   |         |  |                        |
| Top of L<br>Bottom<br>Max. De     | of Utility  | 1.74<br>-<br>2.10 | m<br>m<br>m | Top of Utilit<br>Bottom of U<br>Bottom of T | Itility | 175.56<br>-<br>175.20  | m<br>m                 |
|                                   |   |                   |             |   | 〕↑      | rade Elev. = 177.2   |                        |
| Comments                          | Test hole selecte   | ed to expose wa   | atermain.   | Exposed a 50                                | 0mm coi | ocrete pipe.   |                        |

| Project: 5100 ERIN M<br>Project #: 24-01 | ILLS PKWY<br>84  | SIGH                 | Т        | Prepared By:<br>Checked By:   | MK<br>JG                |
|--|------------------|----------------------|----------|---|-------------------------|
| Client: EMTC HOL                         | DINGS            | UTILITY ENGI         | NEERS    | Date:   | 2024-10-16              |
| SUE Q                                    | UALITY LEVEL A - | TEST HOLE DAT        |          | RMATION   |                         |
| TEST HOLE NUMBER:                        | 2                |                      |          |   | 24-10-01                |
| TEST HO                                  | LE LOCATION MA   | )                    | TE       | ST HOLE COORD   | INATES                  |
|  |                  |                      |          | Northing<br>4823519.71<br>Easting<br>603632.32<br>Grade Elevation<br>177.49 | m<br>m<br><b>n</b><br>m |
| Utility Information                      |                  | Reference Marke      | r Info   |   |                         |
| Utility Type                             | TV               | Identifie            | d by     | Ν   |                         |
| Utility Owner                            | Rogers           | Ref. Mar             | ker Loc. | Center of Utilit  | ty                      |
| Utility Material                         | PL               | Surface <sup>-</sup> | Гуре     | NG  |                         |
| Utility Direction                        | SE-NW            | Hard Sur             |          | -   | mm                      |
| Util. Width (OD)                         | 3X90, 2X25       | mm                   |          |   |                         |
| Record Size                              | -                | mm                   |          |   |                         |
| Manual Measurements                      |                  | Elevation Informa    | ation    |   |                         |
| Top of Utility                           | 1.34             | m Top of U           | tility   | 176.15  | m                       |
| Bottom of Utility                        | -                | m Bottom             |          | -   | m                       |
| Max. Depth                               | 1.50             | m Bottom             | of TH    | 175.99  | m                       |
|  |                  |                      |          | Grade Elev. = 177.48  | i0m                     |
| Comments                                 |                  |                      | 1        |   |                         |
|  |                  |                      |          |   |                         |

Test hole selected to expose Rogers plant. Exposed a 2x25mm DBC and 3x90mm PL along with 2 Hydro cables. Please refer to TH2 for details of exposed Rogers conduit and TH2A for details of Hydro cdirect buried cable.

| JG<br>2024-10-1 |
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Test hole selected to expose Alectra plant. Exposed a 2x30mm DBC along with 5 Rogers conduits conduits. Please refer to TH2 for details of exposed Rogers conduit and TH2A for details of exposed Hydro direct buried cable.

| Project:<br>Project #:<br>Client:            | 5100 ERIN MILLS P<br>24-0184<br>EMTC HOLDING      | is 4                              |  | NEERS                    |   | MK<br>JG<br>2024-10-16 |
|--|---|-----------------------------------|--|--------------------------|---|------------------------|
| TEST HOLE                                    | E NUMBER:   | 3                                 | TEST HOLE DAT  | ST HOL                   |   | 4-10-01                |
|  | TEST HOLE LO                                      | DCATION MA                        | P  | TES                      | ST HOLE COORDI  | NATES                  |
|  |   |                                   |  |                          | Northing<br>4823521.51<br>Easting<br>603634.07<br>Grade Elevation<br>177.56 | m<br>m<br>I<br>m       |
| -  | ype<br>Owner<br>Aaterial<br>Direction<br>dth (OD) | FO<br>Rogers<br>PL<br>SE-NW<br>50 | Reference Marke<br>Identifier<br>Ref. Mar<br>Surface T<br>Hard Sur<br>mm<br>mm | d by<br>ker Loc.<br>Гуре | N<br>Center of Utility<br>NG<br>-   | y<br>mm                |
| Manual Meas<br>Top of L<br>Bottom<br>Max. De | Jtility<br>of Utility                             | 0.56<br>-<br>0.90                 | Elevation InformationmTop of UmBottom ofmBottom of                             | tility<br>of Utility     | 177.00<br>-<br>176.66   | m<br>m<br>m            |
|  |   |                                   |  |                          | Grade Elev. = 177.55<br>0.56m<br>0.90<br>50mm PL                            | $\int$                 |
| Comments                                     | Test hole sel                                     | ected to expose I                 | Rogers plant. Expose   | d a 50mm                 | ı PL conduit.   |                        |

| Project: 5100 ERIN MILL               |                         | C                  | GH   |          | Prepared By:       | МК         |
|---------------------------------------|-------------------------|--------------------|--|----------|--------------------|------------|
| Project #: 24-0184                    |                         | $\rightarrow$      |  | EE DC    | Checked By:        | JG         |
| Client: EMTC HOLD                     |                         |                    | TILITY ENGINI  | EERS     | Date:              | 2024-10-16 |
| SUE QU                                | ALITY LEVEL A -         | TEST H             | IOLE DAT   | A INFOR  | MATION             |            |
| TEST HOLE NUMBER:                     | 4                       |                    | TES  | ST HOLE  | <b>DATE:</b> 20    | )24-10-01  |
| TEST HOLE                             | LOCATION MA             | Р                  |  | TES      | T HOLE COORI       | DINATES    |
|                                       | AND AL                  |                    | F  |          | Northing           |            |
|                                       | No. of Street of Street | alle -             |  |          | 4823523.38         | 3 m        |
| Alterdances that                      | and the stress          | Respects and       | and the second s |          | Easting            |            |
|                                       |                         | -                  |  |          | 603635.70          | m          |
|                                       |                         | 4                  |  |          | Grade Elevation    | on         |
|                                       | ALL DE CONTRACTOR       | A                  |  |          | 177.48             | m          |
|                                       |                         | <"-                | 5 K  |          |                    |            |
| Jtility Information                   |                         | Refere             | ence Marker  |          |                    |            |
| Utility Type                          | Н                       |                    | Identified   |          | Ν                  |            |
| Utility Owner                         | Alectra                 |                    | Ref. Mark  |          | Center of Util     | ity        |
| Utility Material                      | DBC                     |                    | Surface Ty   |          | NG                 |            |
| Utility Direction                     | SE-NW                   |                    | Hard Surf  | .Thick.  | -                  | mm         |
| Util. Width (OD)                      | 3X40                    | mm                 |  |          |                    |            |
| Record Size                           | -                       | mm                 |  |          |                    |            |
| Nanual Measurements<br>Top of Utility | 1.48                    | <b>Elevat</b><br>m | ion Informat<br>Top of Uti   | ility    | 176.00             | m          |
| Bottom of Utility                     | -                       | m                  | Bottom of  | •        | -                  | m          |
| Max. Depth                            | 1.60                    | m                  | Bottom of  | f TH     | 175.88             | m          |
| Comments                              |                         |                    |  | Gr       | ade Elev. = 177.47 | 60m        |
| Test hole selec                       | ted to expose Alectr    | ra plant.          | Exposed 3x4(   | 0mm dire | ct buried cables.  |            |

| Project:<br>Project #:<br>Client:  | 5100 ERIN MILLS PK<br>24-0184<br>EMTC HOLDINGS | 4                                    | UT              |   | EERS            | Prepared By:<br>Checked By:<br>Date:                                       | MK<br>JG<br>2024-10-16 |
|--|--|--------------------------------------|-----------------|---|-----------------|--|------------------------|
| TECT LIQUE   | -  | TY LEVEL A -                         | TEST HO         |   |                 |  | 24.40.04               |
| IEST HULE  | NUMBER:  | 5                                    |                 |   |                 |  | 24-10-01               |
|  | TEST HOLE LO                                   | CATION MAI                           | Р               |   | TES             | ST HOLE COORD  | DINATES                |
|  |  |                                      | The real of the |   |                 | Northing<br>4823560.78<br>Easting<br>603609.17<br>Grade Elevatio<br>177.52 | m                      |
| Utility Informa  |  |                                      | Referen         | ce Marker   |                 |  |                        |
| Utility Ty<br>Utility O<br>Utility M<br>Utility D<br>Util. Wic<br>Record S | wner<br>laterial<br>irection<br>lth (OD)       | W<br>City<br>CP<br>NE-SW<br>-<br>900 | mm              | Identifiec<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | N<br>Center of Utili<br>NG<br>-  | tymm                   |
| Manual Measu   | irements                                       |                                      | Elevatio        | n Informa   | tion            |  |                        |
| Top of U   |  | 2.55                                 | m               | Top of Ut   |                 | 174.97   | m                      |
| Bottom<br>Max. De  | of Utility<br>oth                              | - 2.80                               | _m              | Bottom o<br>Bottom o                              |                 | - 174.72   | m                      |
|  |  |                                      |                 |   | G               | 2.55m<br>2.55m<br>900mm CP   | BOm                    |
| <b>Comments</b><br>Test hole selec   | cted to expose Water<br>Please refer to TH     |                                      |                 |   |                 | -  | rogers plant           |

| Project:<br>Project #:            | 5100 ERIN MILLS F<br>24-0184               |                                      | S                  | <b>GH</b>   | EEDS            | Prepared B<br>Checked B                                       | By:                               | MK<br>JG    |
|-----------------------------------|--|--------------------------------------|--------------------|---|-----------------|---|-----------------------------------|-------------|
| Client:                           |  | ITY LEVEL A -                        | TEST H             |   |                 | Dat<br>MATION   | .e: 20                            | 024-10-16   |
| TEST HOL                          | E NUMBER:                                  | 5A                                   |                    |   | ST HOLE         |   | 2024-                             | -10-01      |
|                                   |  | OCATION MA                           | <br>\P             |   |                 | T HOLE COC  |                                   |             |
|                                   |  |                                      |                    |   |                 | Northin<br>4823560<br>Eastin<br>603609<br>Grade Elev<br>177.5 | ng<br>0.81<br>g<br>0.59<br>vation | m<br>m<br>m |
| Utility Inform                    | ation                                      |                                      | Referer            | nce Marker  | Info            |   |                                   |             |
| Utility D                         | Owner<br>Material<br>Direction<br>dth (OD) | SL<br>City<br>PL<br>NE-SW<br>60<br>- | mm<br>mm           | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | N<br>Center of<br>NG<br>-                                     | Utility                           | mm          |
| Manual Meas<br>Top of I<br>Bottom |  | 0.64                                 | Elevatio<br>m<br>m | on Informat<br>Top of Ut<br>Bottom o              | ility           | 176.9   | )1                                | m           |
| Max. De                           | -  | 2.80                                 | m                  | Bottom o  |                 | 174.7   | '5                                | '''<br>m    |
|                                   |  |                                      |                    |   |                 | Rom   | 7.54<br>1 0.64<br>60mm            |             |
| <b>Comments</b><br>Test hole se   | lected to expose Stro<br>Please refer to T | eetlight. Exposed<br>TH5 for Waterma |                    |   | -               |   | ind rog                           | ers plant.  |

| Project: 5         | 100 ERIN MILLS PK  | WY                 | CI               | GH  |          | Prepareo       | · · -  | MK            |
|--------------------|--|--------------------|------------------|---|----------|----------------|--------|---------------|
| Project #:         | 24-0184  |                    |                  |   |          | Checked        | -      | JG            |
| Client:            | EMTC HOLDINGS  |                    | U                | ILITY ENGIN   | EERS     |                | ate:   | 2024-10-16    |
|                    | SUE QUALI  | TY LEVEL A -       | TEST HO          | DLE DAT   | A INFO   | RMATION        |        |               |
| TEST HOLE N        | IUMBER:  | 5B                 |                  | TE  | ST HOL   | E DATE:        | 20     | 24-10-01      |
|                    | TEST HOLE LO   | CATION MA          | P                |   | TE       | ST HOLE CO     | OORE   | DINATES       |
|                    |  |                    |                  |   |          | Nort           | hing   |               |
|                    | Vi Vien  | man of the Product |                  | Ser March   |          | 48235          | -      | m             |
| Non-Gamaria (Beg   | Parcanow   |                    | Han Chevill Will | and the second se |          | East           |        |               |
| A SHARE AND A      |  |                    |                  | -   |          |                | 09.62  | m             |
| 100 B.             |  | et a a the         | 1.               | N. C.   |          | Grade El       |        |               |
|                    |  | C COUNT            | 5                |   |          |                | 7.59   | m             |
|                    |  | 14 13 A            | 12 . 03          |   |          |                |        |               |
| Itility Informatio |  |                    | Referen          | ce Marker   |          |                |        |               |
| Utility Type       |  | FO                 |                  | Identified  |          |                | N      |               |
| Utility Owr        |  | Rogers             |                  | Ref. Mark   |          | Center o       |        | ty            |
| Utility Mat        |  |                    |                  | Surface T   |          | N              | G      |               |
| Utility Dire       |  | SE-NW              |                  | Hard Surf   | . Thick. |                | -      | mm            |
| Util. Width        |  | 90                 | mm               |   |          |                |        |               |
| Record Size        | 2  | -                  | mm               |   |          |                |        |               |
| Aanual Measure     | ments  |                    | Elevatio         | on Informa  | tion     |                |        |               |
| Top of Util        |  | 0.81               | m                | Top of Ut   |          | 176            | 5.78   | m             |
| Bottom of          | -  | -                  | m                | Bottom o  |          |                | -      | m             |
| Max. Dept          | h  | 2.80               | m                | Bottom o  | f TH     | 174            | .79    | m             |
|                    | Stand and the  | in the             | 22               |   |          | Grade Elev. =  | 177 5  | 8             |
|                    | and the second   | N                  | 1 5              |   |          | Glade Liev     | 1/7.5  | 0             |
|                    | A CAL  | THE TY             | 121              |   |          | <b>A</b>       |        |               |
| C.A.               |  |                    |                  |   |          |                | T      |               |
| 1. Contraction     | and the second s | A AL               | 1000             |   | 7        | 0.81m          | 2      | 00            |
|                    |  | A                  | 100              |   |          | 0.81m          | Ζ.     | 80m /         |
| 11.50              | Partie   | 1228               |                  |   |          |                |        |               |
| 100                | Sec.   | Mr. X. S           | and the          |   | (        |                |        |               |
| 1948)<br>1         | 1 1 1 1  | - ALL STREET       | and the second   |   |          |                |        |               |
| 124                | The state  | -attal In          | SIS              |   |          |                |        |               |
| The second         |  | Stor N             |                  |   |          |                |        |               |
|                    |  | 1、学生               |                  |   |          |                |        |               |
| The second         | AND A  |                    | The start        |   |          | 90mm           | PL     |               |
| omments            |  |                    |                  |   |          |                |        |               |
|                    |  |                    |                  |   |          |                |        |               |
|                    |  |                    |                  |   |          |                |        |               |
| Test hole select   | ed to expose Roge  | rs plant. Exposed  | d a 90mm         | PL conduit  | along w  | ith a Watermi  | an and | d Streetlight |
|                    |  | - Provide Expedie  |                  |   |          |                |        |               |
|                    | Please refer to TH   | 5 for Watermai     | n. 5A for S      | Streetlight   | and 5B f | or Rogers Plan | it.    |               |

| Project:<br>Project #:<br>Client: | 5100 ERIN MILL<br>24-0184<br>EMTC HOLD<br>SUE QU |                       | TEST H    | GH<br>ILITY ENGIN     | EERS<br>A INFOR |                                |  | MK<br>JG<br>2024-10-16 |
|-----------------------------------|--|-----------------------|-----------|-----------------------|-----------------|--------------------------------|--|------------------------|
| TEST HOLE                         |  | 6                     |           |                       |                 | E DATE:                        | 20   | 24-10-01               |
|                                   | TEST HOLE  | LOCATION MA           | P         |                       | TES             | ST HOLE CO                     | OORE   | DINATES                |
|                                   |  |                       |           |                       |                 | 4823<br>Eas<br>6036<br>Grade E | :hing<br>562.73<br>ting<br>513.09<br>levatic<br>7.55 | m                      |
| Itility Informa                   | tion   |                       | Referer   | nce Marker            | Info            |                                |  |                        |
| Utility Ty                        | •  | Н                     |           | Identified            | •               |                                | N  |                        |
| Utility O                         |  | Alectra               |           | Ref. Mark             |                 | Center                         |  | ty                     |
| Utility M                         |  | DBC                   |           | Surface T             |                 | Ν                              | ١G   |                        |
| Utility Di                        |  | N-S                   |           | Hard Surf             | .Thick.         |                                | -  | mm                     |
| Util. Wid<br>Record S             |  | 1X75m 2X30, 2X25      | mm<br>mm  |                       |                 |                                |  |                        |
| Top of U<br>Bottom                | of Utility                                       | 1.16<br>-             | m<br>m    | Top of Ut<br>Bottom o | f Utility       |                                | 6.39<br>-  | m<br>m                 |
| Max. De                           | pth  |                       | m         | Bottom o              |                 | 17<br>Grade Elev. =<br>1.16m   |  | .55m                   |
| omments<br>Test hole              | selected to expo                                 | se Alectra Plant. Exp | bosed 2X2 | 5mm DBC,              | 2X30mm          | DBC, and 75                    | mm PL  | conduit.               |

| Project: 5100 ERIN MI<br>Project #: 24-013<br>Client: EMTC HOL<br>SUE Q                                   | 34   |            | IOLE DAT  | EERS<br>A INFORI |  | MK<br>JG<br>2024-10-16 |
|---|--|------------|---|------------------|--|------------------------|
| TEST HOLE NUMBER:   | 7  |            | TE  | ST HOLE          | <b>DATE:</b> 2024  | -10-01                 |
| TEST HOI  | E LOCATION MA                                | ۹P         |   | TEST             | HOLE COORDII   | NATES                  |
|   |  | HI ROLD HE |   |                  | <b>Northing</b><br>4823564.11<br><b>Easting</b><br>603614.47<br><b>Grade Elevation</b><br>177.42 | m<br>m<br>m            |
| Utility Information   |  | Refer      | ence Marker                                       | Info             |  |                        |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | T<br>Bell<br>PL<br>NE-SW<br>1X60, 3X100<br>- | mm<br>mm   | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | er Loc.<br>ype   | N<br>Center of Utility<br>NG<br>-  | mm                     |
| Manual Measurements   |  | Elevat     | ion Informat                                      | tion             |  |                        |
| Top of Utility  | 0.45   | m          | Top of Ut   |                  | 176.97   | m                      |
| Bottom of Utility   | -  | m          | Bottom o  |                  | -  | m                      |
| Max. Depth  | 0.85   | m          | Bottom o  | f TH             | 176.57   | m                      |
|   |  |            |   |                  | rade Elev. = 177.41<br>45m<br>0.85<br>00mm PL, 1X60mm F  |                        |
| Comments<br>Test hole select  | ed to expose Bell Pla                        | nt. Expos  | ed 3X100mm  | PL and 1X        | 60mm PL conduit.   |                        |

| Project:5100 ERIN MProject #:24-01Client:EMTC HO  | .84<br>LDINGS                                   |             | JTILITY ENGIN                                     | EERS            |   | MK<br>JG<br>024-10-16 |
|---|---|-------------|---|-----------------|---|-----------------------|
| TEST HOLE NUMBER:   | UALITY LEVEL A                                  | - TEST F    |   | A INFOR         |   | 10-01                 |
|   | LE LOCATION M                                   | <u>А</u> Р  |   |                 | T HOLE COORDIN  |                       |
|   |   | ar cours ye |   |                 | Northing<br>4823561.49<br>Easting<br>603619.60<br>Grade Elevation<br>177.68 | m<br>m<br>m           |
| Utility Information   |   | Refere      | ence Marker                                       | Info            |   |                       |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | H<br>Alectra<br>DBC<br>NE-SW<br>2X15, 3X40<br>- | mm          | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | N<br>Center of Utility<br>NG<br>-   | mm                    |
| Manual Measurements   |   | Flouret     | ion Informat                                      | lian            |   |                       |
| Top of Utility  | 1.42  | m           | Top of Ut   |                 | 176.26  | m                     |
| Bottom of Utility   | -   | m           | Bottom o  |                 | -   | m                     |
| Max. Depth  | 1.60  | m           | Bottom o  | fTH             | 176.08  | m                     |
|   | En Or, Misslassliga, ON                         |             |   |                 | rade Elev. = 177.67<br>1.42m<br>1.60m<br>5mm DBC, 3X40mm D                  | BC                    |
| Comments  |   |             |   |                 |   |                       |
| Test hole selected to expose<br>Please refer to TH8 f   |   |             |   |                 | BC, along with a Roge<br>details of Rogers cond                             |                       |

| Project: 5100 ERIN MILL<br>Project #: 24-0184<br>Client: EMTC HOLDI                                       |                                       |  | Prepared By: MK<br>Checked By: JG<br>Date: 2024-10-1   |
|---|---------------------------------------|--|--|
|   |                                       | TEST HOLE DAT  | TA INFORMATION   |
| TEST HOLE NUMBER:   | 8A                                    |  | <b>EST HOLE DATE:</b> 2024-10-01   |
|   | LOCATION MA                           |  | TEST HOLE COORDINATES  |
|   |                                       |  | Northing           4823561.23         m           Easting         603619.90         m           Grade Elevation         177.68         m |
| Utility Information   |                                       | Reference Marke  |  |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | FO<br>Rogers<br>PL<br>N-S<br>110<br>- | Identifie<br>Ref. Mar<br>Surface<br>Hard Sur<br>mm<br>mm | rker Loc. Center of Utility<br>Type NG   |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth                                  | 1.05<br>-<br>1.60                     | Elevation InformamTop of UmBottom ofmBottom of           | Jtility176.63mof Utility-m   |
|   | T.OO                                  |  | Grade Elev. = 177.67   |
|   |                                       |  | duit along with Hydro direct buried cables<br>d TH8A for details of Rogers conduit.  |

| Project:<br>Project #:<br>Client:   | 5100 ERIN MILLS PK<br>24-0184<br>EMTC HOLDINGS |                                      | SIG<br>TEST HOLE | <b>ENGINEER</b>                                      | RS           | Prepared By:<br>Checked By:<br>Date:<br>MATION                             | МК<br>ЈG<br>2024-10-16 |
|---|--|--------------------------------------|------------------|--|--------------|--|------------------------|
| TEST HOLE   | NUMBER:  | 9                                    |                  |  |              |  | 24-10-01               |
|   | TEST HOLE LO                                   |                                      | þ                |  | TES          | T HOLE COORE   | DINATES                |
|   |  |                                      |                  |  |              | Northing<br>4823633.35<br>Easting<br>603668.48<br>Grade Elevatio<br>176.57 | m                      |
| Utility Informa   | tion   |                                      | Reference N      | Marker Inf   | fo           |  |                        |
| Utility T<br>Utility O<br>Utility N<br>Utility D<br>Util. Wid<br>Record S | wner<br>laterial<br>irection<br>dth (OD)       | W<br>City<br>CP<br>NE-SW<br>-<br>900 | Re<br>Su         | entified by<br>f. Marker<br>rface Type<br>rd Surf.Th | Loc.<br>e    | N<br>Center of Util<br>NG<br>-   | itymm                  |
|   | Itility<br>of Utility                          | 2.05                                 | m Bo             | p of Utility<br>ottom of U                           | y<br>Itility | 174.52   | m                      |
| Max. De   | pth  | 2.20                                 | m Bo             | ttom of TI   |              | 174.37<br>e Elev. = 176.56   | m                      |
|   |  |                                      |                  |  |              | 2.05m 2.   | 20m                    |
|   | ected to expose Wate<br>watermian. Please ref  |                                      |                  |  |              | -  | -                      |

| Project: 5100 ERIN MIL<br>Project #: 24-018<br>Client: EMTC HOLD<br>SUE OL                                | 4 🖉                                  | TEST H                 | TILITY ENGIN                                      |                    | Prepared By:<br>Checked By:<br>Date:                                       | MK<br>JG<br>2024-10-16 |
|---|--------------------------------------|------------------------|---|--------------------|--|------------------------|
| TEST HOLE NUMBER:   | 9A                                   |                        |   | ST HOLE            |  | 24-10-01               |
| TEST HOL  | E LOCATION M                         | AP                     |   | TES                | T HOLE COORE   | DINATES                |
|   |                                      |                        | and the second second                             |                    | Northing<br>4823633.05<br>Easting<br>603668.60<br>Grade Elevatio<br>176.58 | m                      |
| Utility Information   |                                      | Refere                 | nce Marker  | Info               |  |                        |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | SL<br>City<br>PL<br>NE-SW<br>60<br>- | mm                     | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype    | N<br>Center of Util<br>NG<br>-   | mm                     |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth                                  | 0.73<br>-<br>2.20                    | Elevati<br>m<br>m<br>m | on Informa<br>Top of Ut<br>Bottom o<br>Bottom o   | ility<br>f Utility | 175.85<br>-<br>174.38  | m<br>m                 |
|   |                                      |                        |   | Gi                 | rade Elev. = 177.89<br>2.3<br>05m  |                        |
| <b>Comments</b><br>Test hole selected to expose S<br>for det  | treetlight. Exposed                  |                        |   | -                  |  | e refer to TH9         |

| Project:<br>Project #:<br>Client:   | 5100 ERIN MILLS PKV<br>24-0184<br>EMTC HOLDINGS<br>SUE QUALIT |                                       | UT          | GH<br>LITY ENGIN                                  | IEERS           | Prepared By:<br>Checked By:<br>Date:<br>Checked By:                        | MK<br>JG<br>2024-10-16  |
|---|---|---------------------------------------|-------------|---|-----------------|--|-------------------------|
| TEST HOLE   | NUMBER:   | 10                                    |             |   |                 |  | -Oct-24                 |
|   | TEST HOLE LO  |                                       | Р           |   | TES             | ST HOLE COORD  | INATES                  |
|   |   |                                       |             |   |                 | Northing<br>4823632.14<br>Easting<br>603670.07<br>Grade Elevatio<br>176.64 | m<br>m<br><b>n</b><br>m |
| Utility Informa   | tion  |                                       | Referen     | ce Marker   | Info            |  |                         |
| Utility T<br>Utility O<br>Utility M<br>Utility D<br>Util. Wid<br>Record S | wner<br>laterial<br>irection<br>dth (OD)                      | T<br>Bell<br>PL<br>NE-SW<br>3X90<br>- | mm<br>mm    | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | N<br>Center of Utilit<br>NG<br>-   | ty<br>mm                |
| Manual Measu  | urements  |                                       | Elevatio    | n Informa   | tion            |  |                         |
| Top of L  |   | 0.65                                  | m           | Top of Ut   |                 | 175.99   | m                       |
|   | of Utility  | -                                     | m           | Bottom o  | •               | -  | m                       |
| Max. De   | pth   | 0.90                                  | m           | Bottom o  | of TH           | 175.74   | m                       |
|   |   |                                       |             |   |                 | Grade Elev. = 176.63   | 90m                     |
| Comments  | Test hole sele  | cted to expose B                      | Bell plant. | Exposed 3   | X90mm F         | PL conduits.   |                         |

| Project:<br>Project #:<br>Client:         | 5100 ERIN MILLS PKWY<br>24-0184<br>EMTC HOLDINGS<br>SUE QUALITY | 4                 |              | ITY ENGINE   | ERS             |  | MK<br>JG<br>24-10-16 |
|---|---|-------------------|--------------|--|-----------------|--|----------------------|
| TEST HOL                                  | E NUMBER:   | 11                |              |  |                 | <b>E DATE:</b> 2024-1  | 0-01                 |
|   | TEST HOLE LOCA  | TION MAP          | AP ·         |  |                 |  | ATES                 |
|   |   |                   |              |  |                 | <b>Northing</b><br>4823630.74<br><b>Easting</b><br>603672.02<br><b>Grade Elevation</b><br>176.77 | m<br>m<br>m          |
| Utility Inform                            |   |                   |              | e Marker   |                 |  |                      |
| Utility T                                 |   | E                 |              | Identified   |                 | N  |                      |
| Utility (                                 |   | -                 |              | Ref. Marke   |                 | Center of Utility  |                      |
|   | Material  | PL                |              | Surface Ty   |                 | NG   |                      |
|   |   | E-SW              |              | Hard Surf.   | Thick.          | -  | mm                   |
|   | idth (OD)   | 30                | mm           |  |                 |  |                      |
| Record                                    | Size  | -                 | mm           |  |                 |  |                      |
| Manual Meas<br>Top of<br>Bottom<br>Max. D | Utility<br>of Utility   | 0.15<br>-<br>0.30 | m<br>m       | <b>Informat</b><br>Top of Util<br>Bottom of<br>Bottom of | lity<br>Utility | 176.62<br>-<br>176.47  | m<br>m<br>m          |
|   |   |                   |              |  |                 | Grade Elev. = 176.76   |                      |
| Comments                                  | Test hole selected  | to expose Priv    | vate Electri | cal. Expose  | ed a 30r        | nm PL conduit.   |                      |

| Project: 5100 ERIN MI<br>Project #: 24-01<br>Client: EMTC HOL<br>SUE Q                                    | 34 🛛 🖊   | - TEST H   | GH<br>ITILITY ENGINI                               | EERS<br>A INFOR |  | MK<br>JG<br>2024-10-16 |
|---|--|------------|--|-----------------|--|------------------------|
| TEST HOLE NUMBER:   | 12   |            | TES  | ST HOLE         | <b>DATE:</b> 2024  | -10-01                 |
| TEST HO   | E LOCATION MA                                  | ٩P         |  | TES             | T HOLE COORDIN   | NATES                  |
|   |  |            |  |                 | <b>Northing</b><br>4823625.15<br><b>Easting</b><br>603671.48<br><b>Grade Elevation</b><br>176.89 | m<br>m<br>m            |
| Utility Information   |  | Refere     | ence Marker  |                 |  |                        |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | H<br>Alectra<br>PL<br>NE-SW<br>3X40, 1X50<br>- | mm<br>mm   | Identified<br>Ref. Mark<br>Surface Ty<br>Hard Surf | er Loc.<br>ype  | N<br>Center of Utility<br>NG<br>-  | mm                     |
| Manual Measurements   |  | Elevat     | ion Informat                                       | tion            |  |                        |
| Top of Utility  | 1.46   | m          | Top of Ut  | ility           | 175.43   | m                      |
| Bottom of Utility<br>Max. Depth   | -  | m          | Bottom o<br>Bottom o                               | •               | -<br>175.29  | m                      |
|   |  |            |  |                 | 1.46m<br>1.60<br>0mm PL, 1X50mm Pl   |                        |
| Comments<br>Test hole selected  | d to expose Alectra P                          | lant. Expo | osed 3X40mn  | n PL and 1)     | X50mm PL conduits.   |                        |

| Project: 5100 ERIN M<br>Project #: 24-0<br>Client: EMTC HC<br>SUE C                                       | 184 🛛 🖊                                |           | IGH<br>JTILITY ENGINE                              | EERS           |   | MK<br>JG<br>024-10-16 |
|---|--|-----------|--|----------------|---|-----------------------|
| TEST HOLE NUMBER:   |  |           |  | ST HOLE        |   | -10-02                |
| TEST HC   | DLE LOCATION MA                        | ٩P        |  | TES            | T HOLE COORDIN  | NATES                 |
|   |  |           |  |                | Northing<br>4823696.82<br>Easting<br>603718.73<br>Grade Elevation<br>175.89 | m<br>m<br>m           |
| Utility Information   |  | Refer     | ence Marker  | Info           |   |                       |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | W<br>City<br>CONP<br>NE-SW<br>-<br>900 | mm<br>mm  | Identified<br>Ref. Mark<br>Surface Ty<br>Hard Surf | er Loc.<br>ype | N<br>Center of Utility<br>NG<br>-   | mm                    |
| Manual Measurements   |  | Flevat    | ion Informat                                       | ion            |   |                       |
| Top of Utility  | 2.19                                   | m         | Top of Uti   |                | 173.70  | m                     |
| Bottom of Utility   | -                                      | m         | Bottom of  |                | -   | m                     |
| ,<br>Max. Depth   | 2.40                                   | m         | Bottom of  | •              | 173.49  | m                     |
| Comments  |  |           |  |                | Grade Elev. = 175.88  | m                     |
| Test hole selected to ex  | pose Watermain. Expo                   | osed a Co | ncrete pipe. l                                     | Unable to      | measure size of wate  | ermain.               |

| Project:   | 5100 ERIN MILLS | PKWY   |                | CL           | T         | Prepared By:       | MK         |      |
|--|-----------------|--|----------------|--------------|-----------|--------------------|------------|------|
| Project #:   | 24-0184         |  |                | GH           |           | Checked By:        |            |      |
| Client:  | EMTC HOLDIN     | IGS  |                | TILITY ENGIN | EERS      | Date:              | 2024-10    | )-16 |
|  | SUE QUA         | LITY LEVEL A   | - TEST H       | OLE DATA     | A INFO    | RMATION            |            |      |
| TEST HOL   | E NUMBER:       | 14   |                | TE           | ST HOL    | <b>E DATE:</b> 2   | 2024-10-02 |      |
|  | TEST HOLE       | LOCATION M   | AP             |              | TE        | ST HOLE COOR       |            | S    |
| No. 18   |                 |  |                |              |           | Northing           |            |      |
| And a state of the |                 | A REAL PROPERTY AND A REAL |                |              |           | 4823695.7          | '5 m       | 1    |
| 13 Geo (Carriege) (Be  |                 |  | Sin Choire due |              |           | Easting            |            |      |
| 100.000  |                 |  | W.             |              |           | 603720.3           | 1 m        | 1    |
|  |                 |  |                |              |           | Grade Elevat       | ion        |      |
|  |                 | AND A  | -              | - No         |           | 175.89             | m          | 1    |
| and the second s |                 |  | K - 2          | > /          |           |                    |            |      |
| Utility Informa  | ation           |  | Refere         | nce Marker   | Info      |                    |            |      |
| Utility T  | уре             | SL   |                | Identified   | l by      | Ν                  |            |      |
| Utility C  | Dwner           | City   |                | Ref. Mark    | ker Loc.  | Center of Ut       | ility      |      |
| Utility N  | /laterial       | PL   |                | Surface T    | уре       | NG                 |            |      |
| Utility D  | Direction       | NE-SW  |                | Hard Surf    | .Thick.   | -                  | m          | m    |
| Util. Wi   | dth (OD)        | 60   | mm             |              |           |                    |            |      |
| Record   | Size            | -  | mm             |              |           |                    |            |      |
| Manual Meas  | urements        |  | Elevati        | on Informat  | tion      |                    |            |      |
| Top of l   |                 | 0.92   | m              | Top of Ut    |           | 174.97             | m          |      |
|  | of Utility      | -  | m              | Bottom o     |           | -                  | m          |      |
| Max. De  | •               | 1.15   | m              | Bottom o     | •         | 174.74             | m          |      |
|  |                 |  |                |              |           | Grade Elev. = 175. | 88         |      |
| Comments   | Test hole selec | cted to expose Sti   | reetlight Co   | onduit. Expo | osed a 60 | Imm PL conduit.    |            |      |

| Project:<br>Project #:   | 5100 ERIN MILI<br>24-0184 |  | 15             | GHT             | -          | red By:<br>ked By: | MK<br>JG   |
|--|---------------------------|--|----------------|-----------------|------------|--------------------|------------|
| Client:  | EMTC HOLD                 |  |                | ILITY ENGINEERS | Chec       | Date:              | 2024-10-16 |
| Client.  |                           |  |                |                 |            |                    | 2024-10-10 |
|  | SUE QU                    | IALITY LEVEL   | A - TEST H     | OLE DATA IN     | FORMATIO   | N                  |            |
| TEST HOLI  | E NUMBER:                 | 15   |                | TEST H          | IOLE DATE: | 20                 | 24-10-02   |
|  | TEST HOLE                 |  | MAP            |                 | TEST HOLE  | COORE              | DINATES    |
| and the second s |                           | ANA A  |                |                 | N          | orthing            |            |
| And in case of the local division of the loc |                           | No on Manual State   | Alande -       |                 |            | 23693.23           | m          |
| ibin managari  | na Para                   | and a second | magazin da     |                 |            | asting             |            |
| Carlos and   |                           |  |                |                 |            | )3723.19           | m          |
| 100 C  |                           | A CONTRACTOR   | 7 4 3          |                 |            | e Elevatio         |            |
| FC   | Table 1                   | COURSE OF  | 3 50           |                 |            | 176.07             | m          |
|  |                           |  | e" . "         |                 |            | 170.07             | 111        |
| Utility Informa  | ation                     |  | Poforor        | nce Marker Info |            |                    |            |
| Utility T  |                           | т  | NEIEIEI        | Identified by   |            | N                  |            |
| Utility C  |                           | Bell   |                | Ref. Marker Lo  | c Cont     | er of Utili        | +          |
| Utility N  |                           | PL   |                | Surface Type    | JC. Cent   | NG                 | LY         |
|  | Direction                 | NE-SW  |                | Hard Surf.Thic  | L.         | NG                 | mm         |
| -  | dth (OD)                  | 2X90   |                |                 | к.         | -                  |            |
| Record   |                           | 2790   | mm             |                 |            |                    |            |
| Record   | 5120                      | -  | mm             |                 |            |                    |            |
| Manual Meas  | urements                  |  | Elevatio       | on Information  |            |                    |            |
| Top of l   |                           | 0.88   | m              | Top of Utility  |            | 175.19             | m          |
|  | ,<br>of Utility           | -  | m              | Bottom of Util  | itv        | -                  | m          |
| Max. De  | •                         | 1.10   | m              | Bottom of TH    | •          | 174.97             | m          |
|  |                           |  |                | 1               | Grade Elev | v. = 176.0<br>▲    | 6          |
|  |                           |  |                |                 | 0.88m      |                    | 10m        |
| Comments   | Test hole                 | e selected to exp  | ose Bell Plant | . Exposed 2x90m |            | Dmm PL             |            |

| Client: EMTC HOLDINGS Date: 202 SUE QUALITY LEVEL A - TEST HOLE DATA INFORMATION  | Project:<br>Project #: | 5100 ERIN MIL<br>24-018 |                   |              | GHT  | Prepared By:<br>Checked By: | MK<br>JG   |
|---|------------------------|-------------------------|-------------------|--------------|--|-----------------------------|------------|
| TEST HOLE NUMBER:       16       TEST HOLE DATE:       2024-10         TEST HOLE LOCATION MAP         TEST HOLE LOCATION MAP         TEST HOLE COORDINA         Worthing         Avertication         Willity Information         Utility Information         Utility Information         Utility Owner         Alectra         Utility Owner         Alectra         Utility Owner         Alectra         Utility Material         PL         Utility Direction         NE-SW         Utility Material         PL         Utility Material         PL         Utility Material         PL         Utility Material         PL         Utility Owner         Alectra         Utility Direction         NE-SW         Manual Measurements         Elevation Information   | Client:                | EMTC HOLD               | DINGS             |              | TILITY ENGINEERS   | Date:                       | 2024-10-16 |
| TEST HOLE NUMBER:       16       TEST HOLE DATE:       2024-10         TEST HOLE LOCATION MAP         TEST HOLE LOCATION MAP         TEST HOLE COORDINA         Worthing         Avertical Coord Size         Northing         Outility Information         Utility Information         Utility Information         Utility Owner         Alectra         Utility Owner         Alectra         Utility Material         PL         Utility Material         PL       Utility Surface Type         Utility Udith (OD)       1XS0 3X40         mm       Top of Utility         Reference Marker Loc.         Center of Utility         Top of Utility         Utility Material         PL         Utility Information         Top of Utility         Man   |                        | SUE QU                  | JALITY LEVEL /    | A - TEST H   | OLE DATA INFO  | RMATION                     |            |
| Northing<br>4823692.36<br>Easting<br>603724.39<br>Grade Elevation<br>175.98         Utility Information<br>Utility Type<br>Utility Owner       H         Utility Material       PL         Utility Direction       NE-SW         Utility Width (OD)       1X50,3X40         Record Size       -         Top of Utility       1.31         Max. Depth       1.50         Max. Depth       1.50         Grade Elev. = 175.97         Jain       Grade Elev. = 175.97         Jain       Jain         Max. Depth       1.50  | TEST HOLE              |                         |                   |              |  |                             | 24-10-02   |
| 4823692.36         Esting         603724.39         Grade Elevation         175.98         Utility Information         Utility Type         H       Identified by       N         Utility Owner       Alectra       Identified by       N         Utility Material       PL       Surface Type       NG         Utility Witch (OD)       1X50, 3X40       mm       Marker Loc.       Center of Utility         Surface Type       NG       Hard Surf.Thick.       -       -         Manual Measurements       Elevation Information         Top of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       1.50       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97         Image: Ima  |                        | TEST HOL                | E LOCATION N      | ΛΑΡ          | TE   | ST HOLE COORD               | INATES     |
| 4823692.36         Easting         603724.39         Grade Elevation         175.98         Utility Information         Utility Owner         Alectra       Identified by       N         Utility Owner       Alectra       Identified by       N         Utility Direction       NE-SW       Utility Surface Type       NG         Utility With (OD)       1X50, 3X40       mm       mm         Record Size       -       mm         Top of Utility       174.67         Bottom of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       1.50       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97         Image: Imag   | A A                    |                         | - CAR             |              |  | Northing                    |            |
| Easting<br>603724.39         Grade Elevation<br>175.98         Utility Information<br>Utility Type       Reference Marker Info<br>Identified by       N         Utility Owner       Alectra       Identified by       N         Utility Material       PL       N       Ref. Marker Loc.       Center of Utility         Utility Direction       NE-SW       Hard Surf.Thick.       -       -         Manual Measurements       Elevation Information         Top of Utility       1.31       m       Top of Utility       175.97         Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97         Image: Image   | Sand Sand              |                         | The search in the |              |  | -                           | m          |
| 603724.39         Grade Elevation         Jtility Information         Reference Marker Info         Utility Information         Utility Information         Utility Information         Utility Owner         Alectra       Identified by       N         Utility Owner       Alectra       Ref. Marker Loc.       Center of Utility         Utility Direction       NE-SW       Hard Surf.Thick.       -         Util. Width (OD)       1X50, 3X40       mm       Max       -         Mecord Size       -       mm       Top of Utility       174.67         Bottom of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       -       m       Bottom of TH       174.48         Of utility       1.50       m       Bottom of TH       174.48         Of ace Elev. = 175.97         Max. Depth       1.50       Grade Elev. = 175.97         Max. Depth       1.31m       1.50m         Information         Utility Information         Information  | A Geo attances a title | Part Part               | anter a line      | ing gate dr  |  |                             |            |
| Grade Elevation         Jtility Information       Reference Marker Info         Utility Type       H         Utility Owner       Alectra         Utility Material       PL         Utility With (OD)       1X50, 3X40         Record Size       -         Top of Utility       1.31         Max. Depth       1.50         Max. Depth       1.50   | CALL COLLEGE           | a la                    |                   |              |  | -                           | m          |
| Jtility Information       Reference Marker Info         Utility Type       H         Utility Owner       Alectra         Utility Material       PL         Utility Direction       NE-SW         Utility With (OD)       1X50, 3X40         Record Size       -         Top of Utility       1.31         m       Top of Utility         Jop of Utility       1.31         m       Top of Utility         Max. Depth       1.50         m       Bottom of Utility         Max. Depth       1.50         m       Bottom of TH         Top of Utility       -         Max. Depth       1.50         m       Bottom of TH         Top of Utility       -         Max. Depth       1.50         <   |                        |                         |                   |              |  |                             |            |
| Jtility Information       Reference Marker Info         Utility Type       H         Utility Owner       Alectra         PL       Identified by       N         Utility Material       PL       Surface Type       NG         Utility Uitility Direction       NE-SW       Hard Surf. Thick.       -         Util. Width (OD)       1X50, 3X40       mm       mm         Record Size       -       mm       Top of Utility       174.67         Bottom of Utility       1.31       m       Top of Utility       -       -         Max. Depth       1.50       m       Bottom of Utility       -       -         Max. Depth       1.50       m       Grade Elev. = 175.97       Image: Summer  | $\Box$                 |                         | COLENE T          | 3 50         |  |                             | m          |
| Utility TypeHIdentified byNUtility OwnerAlectraRef. Marker Loc.Center of UtilityUtility MaterialPLSurface TypeNGUtility DirectionNE-SWHard Surf.ThickUtil. Width (OD)1X50, 3X40mmmmRecord Size-mmTop of Utility174.67Bottom of Utility1.31mBottom of Utility-Max. Depth1.50mBottom of Utility-Max. Depth1.50mGrade Elev. = 175.97If an elevent of the second sec  |                        |                         | 1 4 m             | K" . "       | · 2  | 1,0,00                      |            |
| Utility Owner       Alectra         Utility Material       PL         Utility Direction       NE-SW         Util. Width (OD)       1X50, 3X40         Record Size       -         Top of Utility       1.31         Max. Depth       1.50         Max. Depth       1.50 <td>tility Informa</td> <td>tion</td> <td></td> <td>Refere</td> <td>nce Marker Info</td> <td></td> <td></td>  | tility Informa         | tion                    |                   | Refere       | nce Marker Info  |                             |            |
| Utility Material       PL       Surface Type       NG         Utility Direction       NE-SW       Hard Surf.Thick.       -         Manual Measurements       -       mm       Top of Utility       1.31         Top of Utility       1.31       m       Top of Utility       -         Max. Depth       1.50       m       Bottom of Utility       -         Max. Depth       1.50       m       Grade Elev. = 175.97         Image: Comparison of Utility       Image: Comparison of Utility       -       -         Max. Depth       1.50       m       Bottom of TH       174.48   | -                      |                         | Н                 |              | Identified by  | Ν                           |            |
| Utility Direction       NE-SW       Hard Surf.Thick.       -         Util. Width (OD)       1X50, 3X40       mm       mm         Record Size       -       mm       mm         Anual Measurements       Elevation Information         Top of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       -       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97         Image: the state of the st   | Utility O              | wner                    | Alectra           |              | Ref. Marker Loc.   | Center of Utili             | ty         |
| Utility Direction       NE-SW       Hard Surf. Thick.       -         Will Width (OD)       1X50, 3X40       mm       mm         Record Size       -       mm       mm         Janual Measurements       Elevation Information         Top of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       -       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97         Image: State  | Utility M              | laterial                | PL                |              | Surface Type   | NG                          |            |
| Record Size     -     mm       Manual Measurements     Elevation Information       Top of Utility     1.31     m     Top of Utility     174.67       Bottom of Utility     -     m     Bottom of Utility     -       Max. Depth     1.50     m     Bottom of TH     174.48         Grade Elev. = 175.97         Image: transmitted for the state of   | Utility D              | irection                | NE-SW             |              |  | -                           | mm         |
| Record Size     -     mm       Manual Measurements     Elevation Information       Top of Utility     1.31     m     Top of Utility     174.67       Bottom of Utility     -     m     Bottom of Utility     -       Max. Depth     1.50     m     Bottom of TH     174.48         Figure 1     Top of Utility     1.74.48         Grade Elev. = 175.97         Image: 1     Image: 1         Grade Elev. = 175.97         Image: 1         Image: 1         Image: 1         Image: 1  |                        |                         | 1X50, 3X40        | mm           |  |                             |            |
| Top of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       -       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of Utility       -         Bottom of TH       174.48         Grade Elev. = 175.97         Image: Colspan="2">Image: Colspan="2">Top of Utility       174.67         Max. Depth       1.50       m       Bottom of TH       174.48         Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Top of Utility       -         Image: Colspan="2">Image: Colspan="2"         Image: Colspan="2">Image: Colspan="2"       Image: Co   |                        |                         | -                 | mm           |  |                             |            |
| Top of Utility       1.31       m       Top of Utility       174.67         Bottom of Utility       -       m       Bottom of Utility       -         Max. Depth       1.50       m       Bottom of Utility       -         Bottom of TH       174.48         Grade Elev. = 175.97         Image: Colspan="2">Image: Colspan="2">Top of Utility       174.67         Max. Depth       1.50       m       Bottom of TH       174.48         Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Top of Utility       -         Image: Colspan="2">Image: Colspan="2"         Image: Colspan="2">Image: Colspan="2"       Image: Co   |                        |                         |                   |              |  |                             |            |
| Bottom of Utility<br>Max. Depth       -       m       Bottom of Utility<br>Bottom of TH       -         Grade Elev. = 175.97       Image: Comparison of the second se  | lanual Measu           | irements                |                   | Elevati      | on Information   |                             |            |
| Max. Depth       1.50       m       Bottom of TH       174.48         Grade Elev. = 175.97       Image: Constraint of the second se  | Top of U               | tility                  | 1.31              | m            | Top of Utility   | 174.67                      | m          |
| Grade Elev. = 175.97  |                        | •                       | -                 | m            | -  | -                           | m          |
| Image: Constraint of the second se               | Max. De                | pth                     | 1.50              | m            | Bottom of TH   | 174.48                      | m          |
| 1.50m<br>1.50m<br>1.50m<br>1X50mm PL, 3X40mm PL   | Charles and the second |                         |                   |              | 1  | Grade Elev. = 175.97        | 7          |
| Image: State of the state o | in the second          |                         | <u>·</u>          |              | $\square$  |                             |            |
|   |                        |                         |                   |              |  | 1.5                         |            |
|   | 1 ALT                  |                         |                   |              |  |                             |            |
| Comments  | 11                     |                         | The state         |              | n and a start of the start of t | 1X50mm PL, 3X40mr           | n PL       |
|   | omments                |                         |                   |              |  |                             |            |
| Test hole selected to expose Alectra Plant. Exposed 1X50mm PL and 3X40mm PL conduits.   | Te                     | st hole selected        | to expose Alectra | Plant. Expos | sed 1X50mm PL and  | 3X40mm PL conduit           | 5.         |

| Project:<br>Project #:<br>Client:  | 5100 ERIN MILLS PK<br>24-0184<br>EMTC HOLDINGS<br>SUF OUALL |  | UT          |   | EERS            |                          |                                | МК<br>ЈG<br>2024-10-16 |
|--|---|--|-------------|---|-----------------|--------------------------|--------------------------------|------------------------|
| TEST HOLE  |   | 17                                     |             |   |                 | E DATE:                  | 202                            | 24-09-30               |
|  | TEST HOLE LO  | CATION MA                              | P           |   | TE              | ST HOLE CO               | DORD                           | INATES                 |
|  | Ein Centre Blog   |  | Tatinteentr | Signad  |                 | East<br>6037<br>Grade El | 727.97<br>i <b>ng</b><br>43.10 | m<br>m<br>n<br>m       |
| Utility Informati  | on  |  | Referen     | ce Marker   | Info            |                          |                                |                        |
| Utility Typ<br>Utility Ow<br>Utility Ma<br>Utility Dir<br>Util. Widt<br>Record Siz | ner<br>terial<br>ection<br>h (OD)                           | W<br>City<br>CONP<br>NE-SW<br>-<br>900 | mm          | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | Center                   | N<br>of Utilit<br>C<br>-       | mm                     |
|  |   |  |             |   |                 |                          |                                |                        |
| Manual Measur  |   |  |             | n Informa   |                 |                          |                                |                        |
| Top of Uti   |   | 2.10                                   | m           | Top of Ut   |                 | 173                      | 3.33                           | m                      |
| Bottom of<br>Max. Dep  | •   | - 2.40                                 | _m          | Bottom o<br>Bottom o                              |                 | 177                      | -<br>3.03                      | m                      |
|  |   |  |             |   |                 | Grade Elev. =            | 2.4                            | 2<br>10m               |
| <b>Comments</b><br>Test hole se  | elected to expose W   | atermain. Expos                        | ed a Conc   | rete pipe.  | Unable to       | o measure size           | e of wa                        | termain.               |

| Project:   | 5100 ERIN MILLS P   | KWY 💋        |                        |            | Prepared By:         | МК         |  |  |  |  |  |
|--|---|--------------|------------------------|------------|----------------------|------------|--|--|--|--|--|
| Project #:   | 24-0184   |              | SIGH                   |            | Checked By:          | JG         |  |  |  |  |  |
| Client:  | EMTC HOLDING  |              | UTILITY ENGI           | NEERS      |                      | 2024-10-16 |  |  |  |  |  |
|  |   |              | TEST HOLE DAT          |            |                      |            |  |  |  |  |  |
| SUE QUALITY LEVEL A - TEST HOLE DATA INFORMATION         TEST HOLE NUMBER:       18       TEST HOLE DATE:       2024-09-30   |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
|  | TEST HOLE LOCATION MAP TEST HOLE COORDINATES  |              |                        |            |                      |            |  |  |  |  |  |
| RJ   |   |              | I all and an           |            | Northing             |            |  |  |  |  |  |
| The Party of the P |   | 4823726.60 m |                        |            |                      |            |  |  |  |  |  |
| a war  |   | Easting      |                        |            |                      |            |  |  |  |  |  |
|  | San Centre Blvd   |              | Tain Cantre Bivd       |            | 603744.86 m          |            |  |  |  |  |  |
| - (H   |   |              | 115                    |            | Grade Elevation      |            |  |  |  |  |  |
| 11   |   |              |                        |            | 175.54               | m          |  |  |  |  |  |
|  | BUILDE > > >  |              | an an                  |            | 1,0101               |            |  |  |  |  |  |
| Utility Informa  | ation   |              | Reference Marke        | r Info     |                      |            |  |  |  |  |  |
| Utility T  |   | SL           | Identifie              | d by       | Ν                    |            |  |  |  |  |  |
| Utility C  |   | City         | Ref. Mai               |            | Center of Utility    | y          |  |  |  |  |  |
| Utility N  |   | PL           | Surface                |            | С                    |            |  |  |  |  |  |
|  | Direction   | NE-SW        | Hard Su                | rf.Thick.  | -                    | mm         |  |  |  |  |  |
|  | dth (OD)  | 60           | mm                     |            |                      |            |  |  |  |  |  |
| Record   | Size  | -            | mm                     |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
| Manual Meas  |   | 1.03         | Elevation Informa      |            | 174.51               |            |  |  |  |  |  |
| Top of L   | of Utility  | 1.03         | m Top of U<br>m Bottom | of Utility | 1/4.51               | m          |  |  |  |  |  |
| Max. De  | •   | 1.20         | m Bottom               |            | 174.34               | m          |  |  |  |  |  |
|  |   |              |                        |            | 17 1.5 1             |            |  |  |  |  |  |
|  |   |              |                        |            | Grade Elev. = 175.53 |            |  |  |  |  |  |
|  | an Manal  | 16 C 23      |                        |            |                      |            |  |  |  |  |  |
| and the  | 10 State First  | Grand Global |                        |            | ▲ <b>↑</b>           |            |  |  |  |  |  |
|  | AN ALLAN  | Hand I and   |                        | 2          | T I                  |            |  |  |  |  |  |
|  | No. A.  |              | and the set            |            | 1.03m                | /          |  |  |  |  |  |
|  |   | C            |                        |            | 1.0511               | 0m /       |  |  |  |  |  |
| - Seller   | A States  |              |                        |            |                      |            |  |  |  |  |  |
|  | A second |              | 12 13                  |            |                      |            |  |  |  |  |  |
|  | Cineta distante   | the start    |                        | ă.         | -                    |            |  |  |  |  |  |
| The second   | Res Avenue  | 1            |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      | *          |  |  |  |  |  |
|  |   |              |                        | 60mm PL    |                      |            |  |  |  |  |  |
|  |   | (Mark)       | all a star             |            |                      |            |  |  |  |  |  |
| Comments   |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
| Test hole selected to expose streetlight Plant. Exposed a 60mm PL conduit.   |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |
|  |   |              |                        |            |                      |            |  |  |  |  |  |

| Project:                                     | 5100 ERIN MILLS | РКШҮ              |             |               |           | Prepared By:   | МК               |
|--|-----------------|-------------------|-------------|---------------|-----------|--|------------------|
| Project #:                                   | 24-0184         |                   |             | GH            |           | Checked By:  | JG               |
| Client:                                      | EMTC HOLDIN     | GS                |             | TILITY ENGINI | EERS      | Date:  | 2024-10-16       |
|  | SUE QUA         |                   | - TEST H    | IOLE DATA     | A INFOR   | MATION   |                  |
| TEST HOLE                                    | NUMBER:         | 19                |             | TES           | ST HOLE   | <b>DATE:</b> 20  | 24-09-30         |
|  | TEST HOLE L     | OCATION MA        | <b>NP</b>   |               | TES       | T HOLE COORD   | INATES           |
|  | Ban centra Byr  |                   | Gibr        | camire Bive   |           | Northing<br>4823724.19<br>Easting<br>603747.69<br>Grade Elevatio<br>175.63 | m<br>m<br>n<br>m |
| Utility Information                          | tion            |                   | Refere      | ence Marker   | Info      |  |                  |
| Utility Ty                                   | /pe             | Т                 |             | Identified    | by        | Ν  |                  |
| Utility Ov                                   |                 | Bell              |             | Ref. Mark     |           | Center of Utili  | ty               |
| Utility M                                    | aterial         | COND              |             | Surface Ty    | уре       | NG   |                  |
| Utility Di                                   |                 | NE-SW             |             | Hard Surf     |           | -  | mm               |
| Util. Wid                                    | th (OD)         | 325               | mm          |               |           |  |                  |
| Record S                                     | ize             | -                 | mm          |               |           |  |                  |
| Manual Measu                                 | rements         |                   | Elevat      | ion Informat  | tion      |  |                  |
| Top of U                                     | tility          | 0.76              | m           | Top of Uti    | ility     | 174.87   | m                |
| Bottom of                                    | of Utility      | -                 | m           | Bottom of     | f Utility | -  | m                |
| Max. Dej                                     | pth             | 1.30              | m           | Bottom of     | f TH      | 174.33   | m                |
| Grade Elev. = 175.62         Image: Comments |                 |                   |             |               |           |  |                  |
| Comments                                     | Test hole sel   | ected to expose E | 3ell Plant. | Exposed a 3   | 25mm Co   | ncrete Duct.   |                  |

| Project: 5100 ERIN MILI  | S PKWY                        |                |   |           | Prepared By:         | МК           |
|--|-------------------------------|----------------|---|-----------|----------------------|--------------|
| Project #: 24-0184   | 1 🖊                           |                | IGH                                       |           | Checked By:          | JG           |
| Client: EMTC HOLD  | INGS                          |                | JTILITY ENGINE                            | EERS      | Date:                | 2024-10-16   |
| SUE QU   | ALITY LEVEL A                 | - TEST H       | IOLE DATA                                 | A INFOR   | MATION               |              |
| TEST HOLE NUMBER:  | 20                            |                |   |           |                      | 024-09-30    |
| TEST HOLI  | ELOCATION M                   | AP             |   | TES       | T HOLE COORI         | DINATES      |
|  | ETA PER                       |                |   |           | Northing             |              |
|  | A REAL PROPERTY AND           | · Aller        |   |           | 4823723.35           | 5 m          |
| Concept and the state of   |                               | Taur           | Identre Bivd                              |           | Easting              |              |
| Brin Centre  | Bivd                          | - Contraction  |   |           | 603748.83            | m            |
|  |                               | and generative | 9111                                      |           | Grade Elevatio       | on           |
| and the second sec   | VX                            | -              |   |           | 175.76               | m            |
| Utility Information  |                               | Dofor          | ence Marker                               | Info      |                      |              |
| Utility Type   | н                             | Refer          | Identified                                |           | N                    |              |
| Utility Owner  | Alectra                       |                | Ref. Mark                                 |           | Center of Util       | ity          |
| Utility Material   | DBC                           |                | Surface Ty                                |           | NG                   | ity          |
| Utility Direction  | NE-SW                         |                | Hard Surf.                                |           | -                    | mm           |
| Util. Width (OD)   | 3X40, 1X60                    | mm             |   | . ITHICK. |                      |              |
| Record Size  | 3740, 1700                    | mm             |   |           |                      |              |
|  | -                             |                |   |           |                      |              |
| Manual Measurements  |                               | Eleva          | tion Informat                             | ion       |                      |              |
| Top of Utility   | 1.58                          | m              | Top of Uti                                | ility     | 174.18               | m            |
| Bottom of Utility  | -                             | m              | Bottom of                                 | f Utility | -                    | m            |
| Max. Depth   | 1.70                          | m              | Bottom of                                 | fТН       | 174.06               | m            |
|  |                               |                |   |           |                      |              |
|  |                               |                | and the                                   | G         | irade Elev. = 175.75 | 5            |
|  | NA AND                        | Markes.        |   |           |                      |              |
|  | E LAN                         |                | and and and                               |           | ▲ <b>↑</b>           | 1            |
|  | 1. 2.6.2                      |                | Charles The                               |           |                      |              |
|  | 60.00 ×                       | Pa 1           | A. C. |           | 1.58m                | /            |
|  |                               |                | C. Y                                      |           | 1                    | .70m /       |
|  |                               | Sh.            | Star Ser                                  | )         |                      |              |
| and the second s | 5-1                           | di tan         | A COL                                     | /         |                      |              |
|  | ALC: NO DECISION OF THE OWNER |                | 3   |           |                      |              |
| and the second sec   |                               | 144            | A TON                                     |           |                      | $\downarrow$ |
|  | State 1                       | R.K.           | and the second second                     |           |                      |              |
|  | and a                         | A APACH        | 1 4                                       | 1X60      | 0mm DCB, 3X40mm      | n DCB        |
|  | and me                        | A GAL          | 1000                                      |           |                      |              |
| Comments   |                               |                |   |           |                      |              |
|  |                               |                |   |           |                      |              |
|  |                               |                |   |           |                      |              |
| Test hole selecte  | d to expose Alectra           | a Plant. Ex    | posed a 1X60                              | )mm DCB   | and 3X40mm DCB.      |              |
|  |                               |                | ,   |           |                      |              |
|  |                               |                |   |           |                      |              |
|  |                               |                |   |           |                      |              |

| Project: 5100 ERIN MIL<br>Project #: 24-018<br>Client: EMTC HOLD<br>SUE QU                                | 4 🖌 🖌                                    |          | GH<br>TILITY ENGIN                                | EERS<br>A INFOR |   | МК<br>ЈG<br>2024-10-16 |
|---|--|----------|---|-----------------|---|------------------------|
| TEST HOLE NUMBER:   | 21                                       |          |   | ST HOLE         |   | 1-09-30                |
| TEST HOL  | E LOCATION M                             | AP       |   | TES             | T HOLE COORDI   | NATES                  |
|   |  |          |   |                 | Northing<br>4823426.17<br>Easting<br>603730.69<br>Grade Elevation<br>176.43 | m<br>m<br>m            |
| Utility Information   |  | Refere   | nce Marker  | Info            |   |                        |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | W<br>City<br>CONP<br>SE-NW<br>500<br>400 | mm<br>mm | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | ker Loc.<br>ype | N<br>Center of Utility<br>C<br>-  | mm                     |
| Manual Measurements   |  | Elevat   | ion Informa                                       | tion            |   |                        |
| Top of Utility  | 2.23                                     | m        | Top of Ut   | ility           | 174.20  | m                      |
| Bottom of Utility<br>Max. Depth   | -<br>2.50                                | m        | Bottom o<br>Bottom o                              |                 | -   | m                      |
| Comments  |  |          |   | G               | rade Elev. = 176.42<br>2.23m<br>2.50<br>500mm CONP                          | m                      |
| Test hole selected to expose<br>plant. Please refer   |  |          |   |                 | with Streetlight and<br>3 for Unknown Plant.                                |                        |

| Project:5100 ERIN MILLSProject #:24-0184   |               | 15         | GH                      | Т        | Prepared E<br>Checked E    | By:     | MK<br>JG   |
|--|---------------|------------|-------------------------|----------|----------------------------|---------|------------|
| Client: EMTC HOLDI   |               |            | TILITY ENGIN            | EERS     | Da                         | te:     | 2024-10-16 |
| SUE QU   | ALITY LEVEL A | A - TEST H | IOLE DATA               | A INFOR  | MATION                     |         |            |
| TEST HOLE NUMBER:  | 21A           |            | TE                      | ST HOLE  | DATE:                      | 202     | 4-09-30    |
| TEST HOLE  |               | ΊΑΡ        |                         | TES      | T HOLE CO                  | ORD     | INATES     |
|  |               |            |                         |          | Northi<br>482342<br>Eastin | 6.39    | m          |
|  | 1-3.5         | 1 h        |                         |          | 603730                     |         | m          |
| and the state of t | (Ore (Low P)  | 5. [       |                         |          | Grade Elev                 |         | 1          |
| Investor Investor  |               |            |                         |          | 176.4                      | 45      | m          |
| tility Information   |               | Refere     | ence Marker             |          |                            |         |            |
| Utility Type   | SL            |            | Identified              | •        | N<br>Contor of             | 114:1:4 |            |
| Utility Owner<br>Utility Material  | City<br>PL    |            | Ref. Mark               |          | Center of<br>C             | Utilit  | У          |
| Utility Direction  | SE-NW         |            | Surface Ty<br>Hard Surf |          | C                          |         | mm         |
| Util. Width (OD)   | 2X60          | mm         |                         | . ITHCK. |                            |         |            |
| Record Size  | -             | mm         |                         |          |                            |         |            |
| lanual Measurements  |               | Elevat     | ion Informat            | tion     |                            |         |            |
| Top of Utility   | 0.90          | m          | Top of Ut               | ility    | 175.5                      | 55      | m          |
| Bottom of Utility  | -             | m          | Bottom o                | •        | -                          |         | m          |
| Max. Depth   | 2.50          | m          | Bottom o                | fTH      | 173.9                      | 95      | m          |
| omments  |               |            |                         |          | rade Elev. = 17            | 0.      | 90m        |
| Test hole selected to expose St<br>plant. Please refer to  |               | •          |                         | -        | e                          |         |            |

| Project: 5100 ERIN MILL<br>Project #: 24-0184<br>Client: EMTC HOLD<br>SUE QU |  | - TEST H | GH<br>TILITY ENGIN                                |         | Prepared B<br>Checked B<br>Dat<br><b>MATION</b>               | sy:                        | MK<br>JG<br>24-10-16 |
|--|--|----------|---|---------|---|----------------------------|----------------------|
| TEST HOLE NUMBER:  | 21B                                    |          |   | ST HOLE |   | 2024-0                     | )9-30                |
| TEST HOLE  |  | AP       |   | TES     | T HOLE COC  | DRDIN                      | ATES                 |
|  |  |          | 14 44<br>16 16 16 16 16 16 16 16 16 16 16 16 16 1 |         | Northir<br>4823426<br>Eastin<br>603730<br>Grade Elev<br>176.3 | 5.18<br>g<br>.24<br>vation | m<br>m<br>m          |
| Utility Information  |  | Refere   | nce Marker  | Info    |   |                            |                      |
| Utility Type   | UNK                                    |          | Identified  | •       | Ν   |                            |                      |
| Utility Owner  | -                                      |          | Ref. Mark   |         | Center of   | Utility                    |                      |
| Utility Material   | PL                                     |          | Surface T   |         | C   |                            |                      |
| Utility Direction  | NE-SW                                  |          | Hard Surf   | .Thick. | -   |                            | mm                   |
| Util. Width (OD)<br>Record Size  | 60                                     | mm       |   |         |   |                            |                      |
| Record Size  | -                                      | mm       |   |         |   |                            |                      |
| Aanual Measurements  |  | Elevati  | ion Informat                                      | tion    |   |                            |                      |
| Top of Utility   | 0.45                                   | m        | Top of Ut   | ility   | 175.8   | 8                          | m                    |
| Bottom of Utility<br>Max. Depth  | - 2.50                                 | m<br>m   | Bottom o<br>Bottom o                              |         | -<br>173.8  |                            | m                    |
| Comments   |  |          |   |         | rade Elev. = 170  |                            | m                    |
| Test hole selected to expose<br>Please refer to T                            | Unknown plant. Ex<br>H21 for Watermair |          |   | -       | -   |                            | ermain.              |

| Project: 5100 ERIN M<br>Project #: 24-0<br>Client: EMTC HC  | 184   |                   | UTILITY ENGIN  | EERS            |   | MK<br>JG<br>024-10-16 |
|---|---|-------------------|--|-----------------|---|-----------------------|
| TEST HOLE NUMBER:   |   |                   |  | ST HOLE         |   | 09-30                 |
| TEST HC   | DLE LOCATION M                                | AP                |  | TES             | T HOLE COORDIN  | ATES                  |
| Disected 19   |   |                   | 8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8 |                 | Northing<br>4823428.01<br>Easting<br>603731.78<br>Grade Elevation<br>176.46 | m<br>m<br>m           |
| Utility Information   |   | Refei             | rence Marker   | Info            |   |                       |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | TV<br>Rogers<br>PL<br>SE-NW<br>3X90, 2X25     | mm<br>mm          | Identified<br>Ref. Mark<br>Surface T<br>Hard Surf  | ker Loc.<br>ype | N<br>Center of Utility<br>NG<br>-   | mm                    |
| <b>Manual Measurements</b><br>Top of Utility  | 1.36  | <b>Eleva</b><br>m | tion Informat<br>Top of Ut   |                 | 175.10  | m                     |
| Bottom of Utility<br>Max. Depth   | - 1.60  | m<br>m            | Bottom o<br>Bottom o   | •               | -<br>174.86   | m                     |
|   |   |                   |  |                 | rade Elev. = 176.45   |                       |
| <b>Comments</b><br>Test hole selected to expos  | e Rogers plant. Expose<br>Please refer to TH2 |                   |  |                 | -   | ctra plant.           |

| Project: 5100 ERIN MIL<br>Project #: 24-018<br>Client: EMTC HOLD<br>SUE QU   | 4   |                      | UTILITY ENGIN  | EERS                    |   | MK<br>JG<br>24-10-16 |
|--|---|----------------------|--|-------------------------|---|----------------------|
| TEST HOLE NUMBER:  | 22A                                       |                      |  | ST HOLE                 |   | 9-30                 |
| TEST HOL   | E LOCATION MA                             | ٩P                   |  | TES                     | T HOLE COORDIN  | ATES                 |
|  |   |                      | 44 4<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64 |                         | Northing<br>4823428.30<br>Easting<br>603732.08<br>Grade Elevation<br>176.50 | m<br>m<br>m          |
| Utility Information<br>Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | H<br>Alectra<br>DBC<br>SE-NW<br>2X30<br>- | Refe<br>mm<br>mm     | rence Marker<br>Identified<br>Ref. Mark<br>Surface T<br>Hard Surf                  | l by<br>ker Loc.<br>ype | N<br>Center of Utility<br>NG<br>-   | mm                   |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth   | 1.40<br>-<br>1.60                         | Eleva<br>m<br>m<br>m | ation Informa<br>Top of Ut<br>Bottom o<br>Bottom o                                 | ility<br>f Utility      | 175.10<br>-<br>174.90   | m<br>m<br>m          |
|  |   |                      |  | GI                      | rade Elev. = 176.49<br>1.40m<br>2X30mm DBC                                  |                      |
| <b>Comments</b><br>Test hole selected to expose A  | Alectra plant. Expose<br>refer to TH22 fo |                      |  |                         |   | nt. Please           |

| Project: 5100 ERIN MII<br>Project #: 24-018<br>Client: EMTC HOL  | DINGS                                  | - TEST HOLE DA   | Chec                    | ked By: MK<br>bate: JG<br>Date: 2024-10-16                               |
|--|--|--|-------------------------|--|
| TEST HOLE NUMBER:  | 23                                     |  | EST HOLE DATE:          | 2024-09-30   |
| TEST HOL   | E LOCATION M                           | IAP  | TEST HOLE               | COORDINATES  |
|  |  |  | 48<br>E<br>60<br>Grade  | orthing<br>23430.03 m<br>asting<br>03733.73 m<br>e Elevation<br>176.54 m |
| Utility Information<br>Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | FO<br>Rogers<br>PL<br>SE-NW<br>50<br>- | Surface  | ed by<br>rker Loc. Cent | N<br>er of Utility<br>NG<br>- mm   |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth   | 0.62<br>-<br>1.05                      | Elevation Inform<br>m Top of I<br>m Bottom<br>m Bottom | Jtility<br>of Utility   | 175.92 m<br>- m<br>175.49 m  |
|  |  |  | Grade Elev.             | = 176.53   |
| <b>Comments</b><br>Test hole selected to expose  | Rogers Plant. Expo                     | osed a 50mm PL Cond                                    | uit. Unable to find oth | ner Fibre optic cables.  |

| Project #: 24  | N MILLS PKWY<br>4-0184<br>HOLDINGS        | 45                          |  | EERS                 | Prepared E<br>Checked E<br>Dat                              | By:                                       | MK<br>JG<br>024-10-16 |
|--|---|-----------------------------|--|----------------------|---|---|-----------------------|
|  | E QUALITY LEVEL                           | A - TEST H                  | OLE DATA   | A INFO               | RMATION   |   |                       |
| TEST HOLE NUMBE  |   |                             |  |                      | E DATE:   | 2024                                      | -09-30                |
| TEST   | HOLE LOCATION N                           | MAP                         |  | TE                   | ST HOLE COO   | ORDIN                                     | NATES                 |
|  |   |                             | 44   |                      | Northi<br>482343<br>Eastin<br>603735<br>Grade Elev<br>176.4 | 1.77<br><b>g</b><br>5.38<br><b>/ation</b> | m<br>m<br>m           |
| Utility Information<br>Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | H<br>Alectra<br>DBC<br>SE-NW<br>3X40<br>- | mm                          | nce Marker<br>Identified<br>Ref. Mark<br>Surface Ty<br>Hard Surf | by<br>er Loc.<br>ype | N<br>Center of<br>NG<br>-                                   |   | mm                    |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth   | 1.26<br>-<br>1.40                         | Elevati<br>m<br>m<br>m<br>m | ion Informat<br>Top of Uti<br>Bottom o<br>Bottom o               | ility<br>f Utility   | 175.1<br>-<br>175.0   |   | m<br>m                |
|  |   |                             |  |                      | Grade Elev. = 17  | 76.39                                     |                       |
| <b>Comments</b><br>Test hol  | e selected to exposeal                    | ectra Plant. E              | xposed 3x40  | Dmm dire             | ect buried cables   | 5.  |                       |

| Project: 5100 ERIN MII<br>Project #: 24-018<br>Client: EMTC HOLD<br>SUE QU                                | 4  |           | GH<br>TILITY ENGINE   | ERS           | Prepared By:<br>Checked By:<br>Date:<br>MATION                             | МК<br>ЈG<br>2024-10-16 |
|---|--|-----------|---|---------------|--|------------------------|
| TEST HOLE NUMBER:   | 25                                       |           | TES   | T HOLE        | <b>DATE:</b> 20  | )24-10-02              |
| TEST HOL  | E LOCATION N                             | IAP       |   | TES           | T HOLE COORI   | DINATES                |
|   |  |           | 3 45<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 |               | Northing<br>4823382.96<br>Easting<br>603777.99<br>Grade Elevatio<br>176.07 | m                      |
| Utility Information   |  | Refere    | nce Marker I  | nfo           |  |                        |
| Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | W<br>City<br>CONP<br>SE-NW<br>500<br>400 | mm<br>mm  | Identified I<br>Ref. Marke<br>Surface Ty<br>Hard Surf.  | er Loc.<br>pe | N<br>Center of Util<br>NG<br>-   | ity<br>mm              |
| Manual Measurements   |  | Elevat    | ion Informati   | on            |  |                        |
| Top of Utility  | 1.77                                     | m         | Top of Util   |               | 174.30   | m                      |
| Bottom of Utility<br>Max. Depth   | - 2.00                                   | m<br>m    | Bottom of<br>Bottom of  | •             | -<br>174.07  | m                      |
|   |  |           |   | Gra           | ade Elev. = 175.55   | .00m                   |
| <b>Comments</b><br>Test hole :  | selected to expose                       | Watermain | . Exposed a 5   | 00mm Co       | oncrete pipe.  |                        |

| Project:<br>Project #:<br>Client: | 5100 ERIN MILL<br>24-0184<br>EMTC HOLDI      |  | <b>1\$</b> |  | · · · ·   | 1K<br>G<br>10-1 |
|-----------------------------------|--|--|------------|--|---|-----------------|
|                                   |  |  | - TEST H   |  | NFORMATION  |                 |
| TEST HOL                          | E NUMBER:                                    | 26                                       |            | TEST   | HOLE DATE: 02-Oct-2   | 4               |
|                                   | TEST HOLE                                    | LOCATION M                               | ΑΡ         |  | TEST HOLE COORDINAT   | ΈS              |
| Marcol 17                         |  |  |            | 3 35<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | Northing<br>4823384.83<br>Easting<br>603779.53<br>Grade Elevation<br>176.13 | m<br>m<br>m     |
| tility Inform                     | nation                                       |  | Refere     | ence Marker Inf  | 0   |                 |
| Utility<br>Utility                | Owner<br>Material<br>Direction<br>/idth (OD) | Rogers<br>PL<br>SE-NW<br>1X90, 2X25<br>- | mm         | Identified by<br>Ref. Marker<br>Surface Type<br>Hard Surf.Th                                   | NG  | mm              |
| anual Mea                         | surements                                    |  | Elevat     | ion Informatior  |   |                 |
| Top of                            |  | 1.15                                     | m          | Top of Utility   |   | m               |
|                                   | n of Utility                                 | -  | m          | Bottom of U  |   | m               |
| Max. D                            | Depth  | 1.30                                     | m          | Bottom of TH   | 174.83  | m               |
|                                   |  |  |            |  | Grade Elev. = 176.12  | /<br>)          |

Please refer to TH26 for details of Rogers and TH26A for details of Alectra.

| Project:5100 ERIN MProject #:24-02Client:EMTC HOSUE C | L84<br>LDINGS |          | IGHT<br>HOLE DATA INFOR                                      | Prepared By: _<br>Checked By: _<br>Date:<br>Checked By: _                  | МК<br>ЈG<br>2024-10-16 |
|---|---------------|----------|--|--|------------------------|
| TEST HOLE NUMBER:                                     | 26A           |          | TEST HOLE  | <b>DATE:</b> 20  | 24-10-02               |
| TEST HO   | LE LOCATION M | АР       | TES  | T HOLE COORD   | DINATES                |
|   |               |          | 9 39<br>9 39<br>9 39<br>9 39<br>9 39<br>9 39<br>9 39<br>9 39 | Northing<br>4823384.43<br>Easting<br>603779.33<br>Grade Elevatio<br>175.59 | m                      |
| Itility Information                                   |               | Refer    | ence Marker Info   |  |                        |
| Utility Type  | Н             |          | Identified by  | N  |                        |
| Utility Owner   | Alectra       |          | Ref. Marker Loc.   | Center of Utili  | ty                     |
| Utility Material                                      | PL            |          | Surface Type   | C  |                        |
| Utility Direction                                     | SE-NW         |          | Hard Surf.Thick.   | -  | mm                     |
| Util. Width (OD)<br>Record Size                       | 3X60, 1X90    | mm<br>mm |  |  |                        |
|   |               |          |  |  |                        |
| <b>1anual Measurements</b><br>Top of Utility          | 0.60          | m        | <b>tion Information</b><br>Top of Utility                    | 174.99   | m                      |
| Bottom of Utility                                     | -             | m        | Bottom of Utility  | -  | m                      |
| Max. Depth  | 1.30          | m        | Bottom of TH   | 174.29   | m                      |
|   |               |          |  | Grade Elev. = 175.53   | 30m                    |
| Comments<br>Test hole selected to expose<br>Please r  |               |          | PL and 3X60mm PL co<br>ers and TH26A for detai               | -  | Rogers plant           |

| Project: 5100 ERIN MILLS<br>Project #: 24-0184<br>Client: EMTC HOLDI<br>SUE QU   |  | - TEST               | UTILITY ENGIN   | EERS<br>A INFOR            |   | MK<br>JG<br>24-10-16 |
|--|--|----------------------|---|----------------------------|---|----------------------|
| TEST HOLE NUMBER:  | 27                                     |                      |   | ST HOLE                    |   | 10-02                |
| TEST HOLE  | LOCATION M                             | AP                   |   | TES                        | T HOLE COORDIN  | ATES                 |
|  |  |                      |   |                            | Northing<br>4823386.43<br>Easting<br>603780.95<br>Grade Elevation<br>176.26 | m<br>m<br>m          |
| Utility Information<br>Utility Type<br>Utility Owner<br>Utility Material<br>Utility Direction<br>Util. Width (OD)<br>Record Size | FO<br>Rogers<br>PL<br>SE-NW<br>50<br>- | Refer<br>mm<br>mm    | rence Marker<br>Identified<br>Ref. Mark<br>Surface T<br>Hard Surf | l by<br>ker Loc.<br>ype    | N<br>Center of Utility<br>NG<br>-   | mm                   |
| Manual Measurements<br>Top of Utility<br>Bottom of Utility<br>Max. Depth   | 0.64<br>-<br>0.80                      | Eleva<br>m<br>m<br>m | tion Informat<br>Top of Ut<br>Bottom o<br>Bottom o                | ility<br>f Utility<br>f TH | 175.62<br>-<br>175.46<br>Grade Elev. = 176.25                               | m<br>m<br>m          |
|  |  | STAR AND             |   |                            | 0.64m<br>0.80m<br>50mm PL   |                      |
| <b>Comments</b><br>Test hole :   | selected to expose                     | e Rogers p           | olant. Exposed  | d a 50mm                   | PL conduit.   |                      |

## Shore, Darin

| From:    | Stephen Gayowsky <sgayowsky@rtgsystems.com></sgayowsky@rtgsystems.com> |
|----------|--|
| Sent:    | August 1, 2024 7:53 AM   |
| То:      | Shore, Darin   |
| Cc:      | Barry Stern; Michael Loconte Sr.; Chen, Peter; Heider Alward           |
| Subject: | RE: EMTC - Standard Utility Depths and Offsets                         |

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## Darin,

The offsets are not known as I don't have a record of the as constructeds. The depths I have provided are based on typicals we would expect, however, again, it's just an expectation.

| Utility       | Standard Depth (m)   | Standard Offsets (m) (if applicable) |
|---------------|--|--------------------------------------|
| Bell          | Typically on top of hydro unless<br>in a large structure. Likely 0.9m<br>of cover  |                                      |
| Rogers        | Same as Bell, 0.9m cover   |                                      |
| Fiber Optic   | This was likely installed<br>afterward, so it could be 0.6-<br>0.9m of cover. Not sure which<br>provider.  |                                      |
| Hydro         | Generally 1.0m cover, or 1.2m<br>under asphalt. Likely in a<br>concrete encased duct bank  |                                      |
| Streetlight   | Typically on top of hydro like<br>Bell/Rogers, 0.9m cover. Could<br>be shallower particularly the<br>site lighting cable for the mall<br>parking, possibly only 0.6m |                                      |
| Traffic light | Likely 0.6m depth  |                                      |
| Gas           | Generally 0.9m cover.  |                                      |

Regards,

Stephen Gayowsky, P. Eng. Consulting Engineer

RTG Systems Inc. 3518 Mainway Drive, Suite 201 BURLINGTON ON L7M 1A8 905 827-7887 ext. 227 From: Shore, Darin <dshore@scsconsultinggroup.com>
Sent: Wednesday, July 31, 2024 5:45 PM
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Cc: Barry Stern <BStern@muzzogroup.com>; Michael Loconte Sr. <MLoconteSR@unifiedbuild.com>; Chen, Peter <pchen@scsconsultinggroup.com>; Heider Alward <halward@studiotla.ca>
Subject: EMTC - Standard Utility Depths and Offsets

## [EXTERNAL]

Hi Stephen,

Nice meeting with you today. Can you please provide us with standard assumptions for the depths (and required offsets, if applicable) for the below services (or whichever you can) to help us inform our ROW cross-sections?

| Utility       | Standard Depth (m) | Standard Offsets (m) (if applicable) |
|---------------|--------------------|--------------------------------------|
| Bell          |                    |                                      |
| Rogers        |                    |                                      |
| Fiber Optic   |                    |                                      |
| Hydro         |                    |                                      |
| Streetlight   |                    |                                      |
| Traffic light |                    |                                      |
| Gas           |                    |                                      |

Essentially, all the utilities in the SUE other than the storm/san/watermains.

Thanks,

## Darin Shore, P. Eng.

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