



TELUS Address:
25 York Street
22nd Floor
Toronto, Ontario
M5J 2V5

Date: Sept. 19, 2025

APPLICATION REVIEW

APPLICANT: City of Ottawa
YOUR FILE: CFA 30096 College Square -1984 Baseline Road - PC2025-0198
LOCATION: 1984 Baseline Road

CONFLICT CAUTION

COMMENTS:

**CAUTION: Telus has underground structure in the proposed route as shown in proposed drawings, maintain minimum standard horizontal and vertical clearances as indicated in the proposed document.
Consent is effective for a period of One-Year from the date listed above. If the location of your proposed design changes, it will be necessary to re-apply.**

Contact TELUS for more information required.

- 1) TELUS standards call for a minimum clearance as follows:
 - a) Open cut method of construction: maintain a minimum clearance of 600 mm horizontally on either side of our facility and a minimum clearance of 300 mm vertically below our facility, especially at crossings.
 - b) Directional bore method of construction: maintain a minimum clearance of 1000 mm horizontally on either side of our facility and a minimum clearance of 600 mm vertically below our facility at crossings.
TELUS facilities shall be exposed prior to crossing.
- 2) TELUS locates required prior to construction start.

Use hand-dig or hydro excavation (hydrovac) to expose TELUS infrastructure at all locations. Any other form of “mechanical” excavation is not accepted.

Please contact TELUS 72 hrs prior to construction to witness hand trenching at all locations indicated (1-800-593-5558)

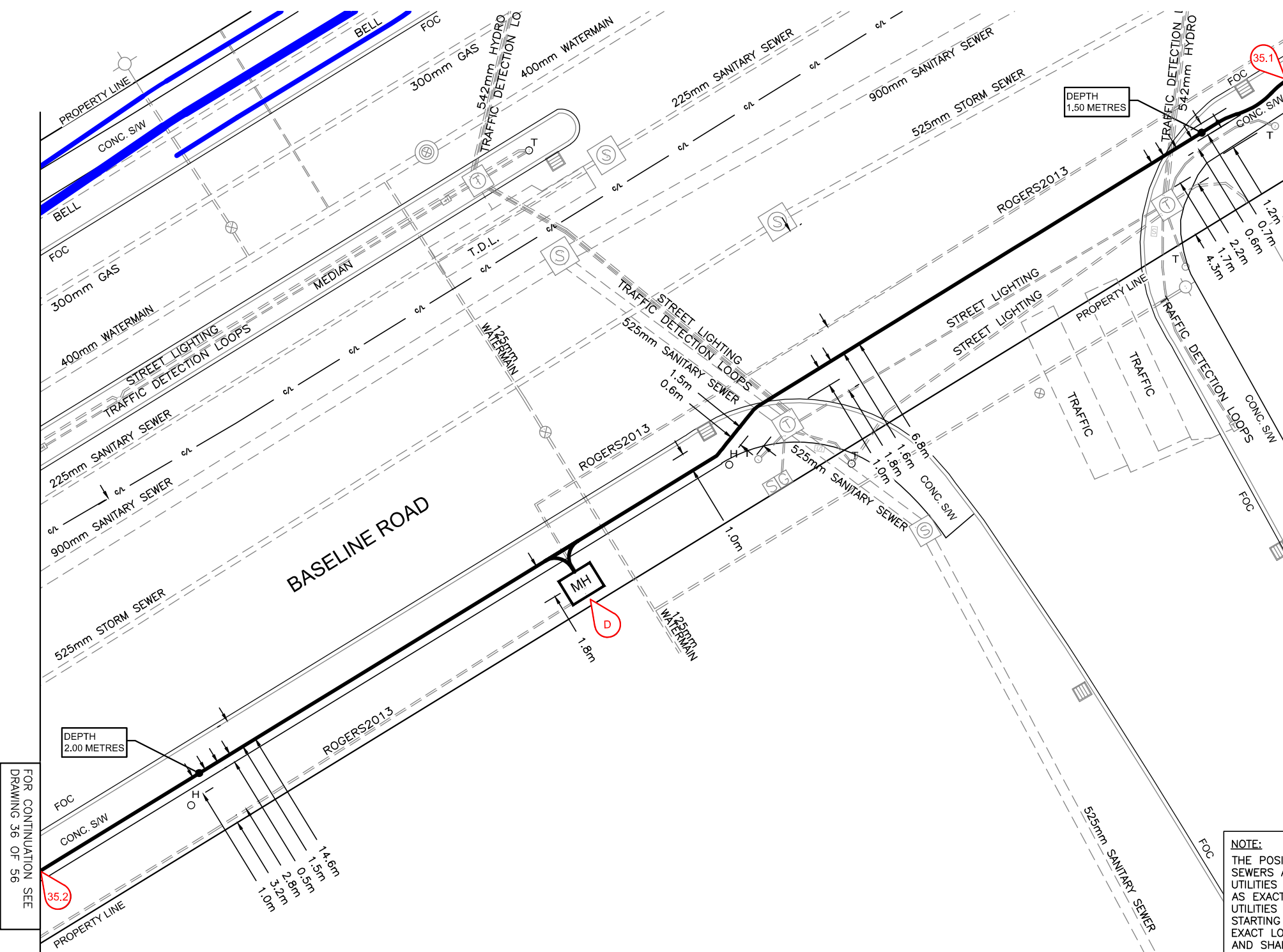
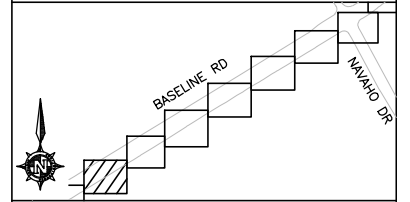
TELUS Network Infrastructure Protection and Awareness

Per
Frederic Sua, C. Tech
Design Specialist II – Access Engineering
TELUS CSD, Engineering Operations & Implementations East
22nd Floor, 25 York St., Toronto, Ontario, M5J 2V5
Phone: (647) 837-9112
Cell: (416) 912-5607
E-mail: frederic.sua@telus.com

PLAN VIEW

SCALE: 1:250

KEY MAP (N.T.S.)



FOR CONTINUATION SEE DRAWING 36 OF 56

FOR CONTINUATION SEE DRAWING 34 OF 56

NOTE:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN AS EXACT. THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOTES

- DIRECTIONAL BORED AND INSTALLED 76.5m OF NEW 4-38mm ϕ HDPE FIBRE CONDUITS WITH NEW 288 COUNT FIBRE OPTIC CABLE AND TRACER WIRE WITH NEW ROGERS 2-75mm ϕ PVC CONDUITS. WITH TRACER WIRE. (JOINT BUILD WITH ROGERS)
- REPLACED EXISTING ROGERS HANDWELL WITH NEW ROGERS 1880mmX1420mm MANHOLE. INSTALLED NEW GROUND

| | MATERIAL LIST | QUANTITY |
|----------------------------|---|----------|
| UNDERGROUND | SPLICE ENCLOSURE | |
| | GROUND ROD-19mm(3/4")X3048mm(10') | |
| | GROUND WIRE-#6 COPPER | |
| | CORE DRILL | |
| | DIRECTIONAL BORED | |
| | TRENCH-OPEN | |
| | CUT AND RESTORE ASPHALT | |
| | CUT AND RESTORE S/W | |
| | 2/0 WIRE | |
| | CONDUIT (CONCRETE ENCASE) | |
| | DUCT PULL | |
| | HANDWELL 914mmx1930mmx1220mm | |
| | HANDWELL 900mm(3')x1500mm(5')x900mm(3') | |
| | MANHOLE 1200mmx1200mmx1220mm | |
| | DUCT - TELUS | |
| 38mm (1 1/2") HDPE CONDUIT | | |
| 50mm (2") HDPE CONDUIT | | |
| 75mm (3") PVC CONDUIT | | |
| 100mm (4") HDPE CONDUIT | | |
| 50mm (2") PVC | | |
| FIBREGLASS WARNING MARKER | | |
| WARNING TAPE | | |
| TRACER WIRE | | |
| UFO-24 | | |
| UFO-48 | | |
| UFO-144 | | |
| UFO-288 | | |
| UFO CABLE TAG | | |
| AERIAL | ANCHORS 25mm(1") ROD | |
| | 3/8" (10M) DOWNGUY | |
| | 3/8" (10M) GUY-OVERHEAD GUY | |
| | SIDEWALK ANCHOR/PIPE | |
| | STRAND-1/4" | |
| | EXTENSION SIDEARM | |
| | LASH WIRE | |
| | OVERLASH | |
| | MAKE READY-ROGERS | |
| | MAKE READY-HYDRO | |
| | MAKE READY-BELL | |
| | MAKE READY-COGECCO | |
| | # OF POLE ATTACHMENTS | |
| | MAKE READY - EXISTING FIBRE | |
| | RISER POLES | |
| U-GUARD 50mm (2") | | |
| "C" CLAMP-50mm(2") GAL. | | |
| AFO-24 | | |
| AFO-48 | | |
| AFO-96 | | |
| AFO-288 | | |
| AFO CABLE TAG | | |
| LOOPBACK/BOWTIE | | |

| FIBRE OPTIC CABLE METER READING: | | | |
|----------------------------------|--------------|------|-------|
| CABLE # | MANUFACTURER | TYPE | COUNT |
| | | | |

TELUS TECHNICAL CONTACTS

JOVICA STOJANOVSKI
ACCESS ENGINEERING

TEL: (647) 837-4916
CELL: (416) 301-1184
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TORONTO, ONT. M5J 2V5
Jovica.stojanovski@telus.com

TELUS

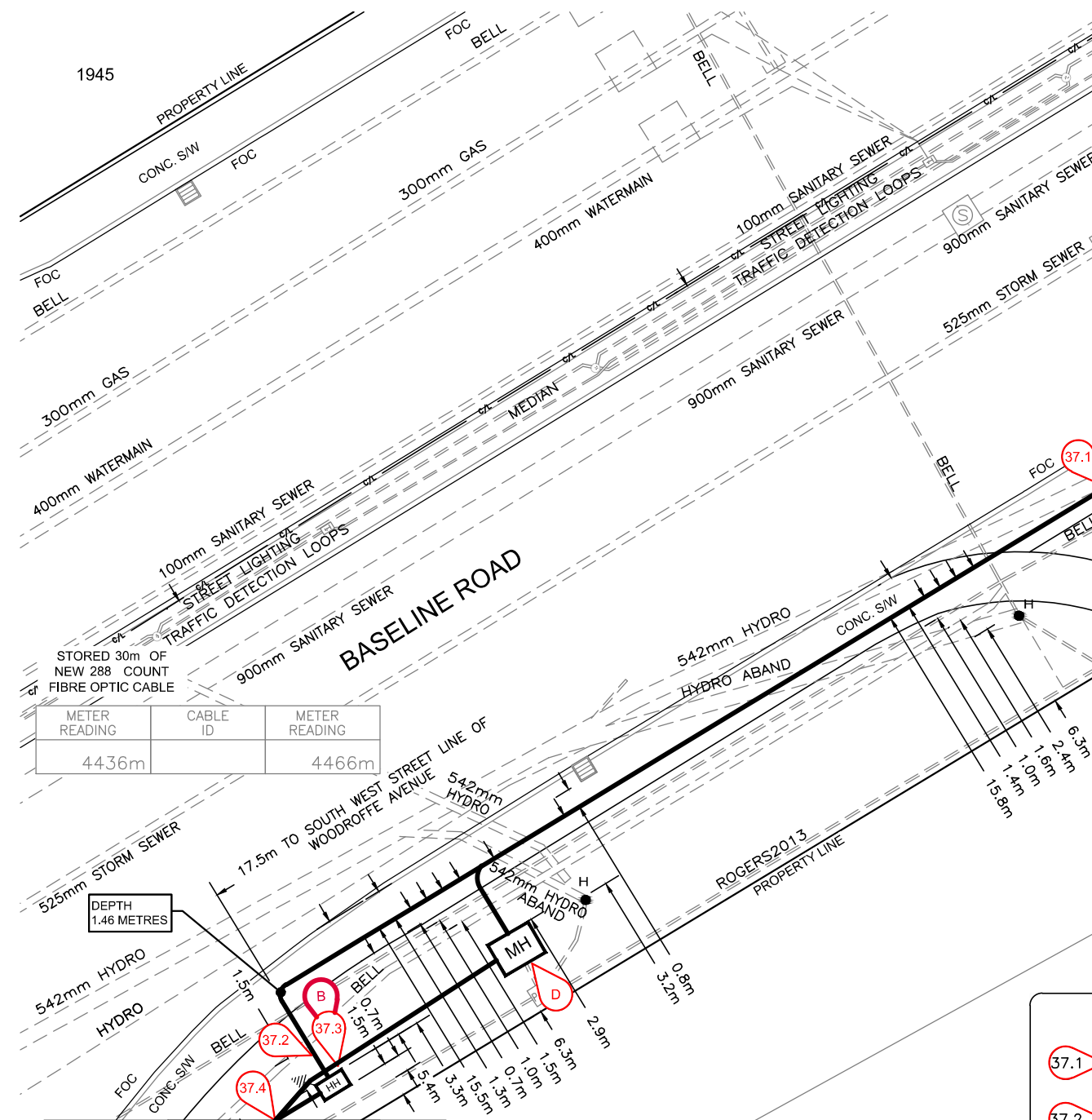
sci 25 Milvan Drive,
North York, Ontario M9L 1Y8
Tel: (416) 749-7400
Fax: (416) 744-6824
www.sentrexco.com

| HYDRO PERMITS APPLIED FOR: | | |
|--|---|-----------|
| OTTAWA | CITY OF OTTAWA | |
| AER <input type="checkbox"/> | TOWN <input type="checkbox"/> | |
| DP <input type="checkbox"/> | CITY <input type="checkbox"/> | |
| B/O <input type="checkbox"/> | REGION <input type="checkbox"/> | |
| | PROVINCE <input type="checkbox"/> | |
| FULL STREAM <input type="checkbox"/> SHORT STREAM <input type="checkbox"/> | | |
| 9 12/20/18 | AS-BUILT | H.M. |
| 7&8 06/16/18 | ADD ROGERS AND FUTURE CURB/SIDWALK/BIKE PATHWAY | H.M. |
| 6 05/23/18 | ADD NEW CONDUIT DEPTH NOTES AS PER COMMENTS | D.S. |
| 5 04/25/18 | ADD NOTE AND APPROVED CONDUIT LINE AS PER CITY | H.M. |
| 4 03/21/18 | ADD NEW DIP POLE | H.M. |
| 3 03/15/18 | ADD BURIED DRAWING AS PER CITY | H.M. |
| 2 02/27/18 | CHANGE POLE APPEARANCE AS PER OTTAWA HYDRO | H.M. |
| 1 11/17/17 | DRAWING ESTABLISHED | K.W. |
| No. | DATE | REVISIONS |
| | | BY |

| CONSTRUCTION ROUTE/ SITE/INTERNAL AS-BUILT | |
|--|---------------------------------------|
| AREA: | 100 CONSTELLATION DRIVE, OTTAWA, ONT. |
| PLOT DATE: | DEC. 20/2018 |
| CONTRACTOR REF # | 17TL09111-AB |
| SURVEY DATE: | |
| TELUS # | 35 OF 56 |

PLAN VIEW

SCALE: 1:250



| METER READING | CABLE ID | METER READING |
|---------------|----------|---------------|
| 4436m | | 4466m |

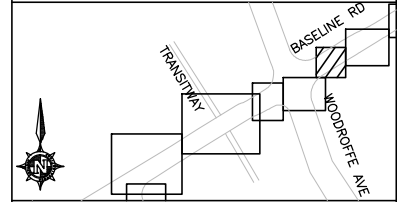
FOR CONTINUATION SEE DRAWING 38 OF 56

FOR CONTINUATION SEE DRAWING 36 OF 56

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- NOTES**
- 37.1 < 37.2 DIRECTIONAL BORED AND INSTALLED 41.9m OF NEW 4-38mm ϕ HDPE CONDUITS WITH NEW 288 COUNT FIBRE OPTIC CABLE AND TRACER WIRE WITH NEW ROGERS 2-75mm ϕ PVC CONDUITS. WITH TRACER WIRE. (JOINT BUILD WITH ROGERS) (A)
(C)
 - 37.2 < 37.4 OPEN TRENCHED AND INSTALLED 3.4m OF NEW 2-75mm ϕ PVC CONDUITS WITH TRACER WIRE. (JOINT BUILD WITH ROGERS) (A)
(C)
 - 37.2 < 37.3 OPEN TRENCHED AND INSTALLED 1.2m OF NEW 4-38mm ϕ HDPE CONDUITS WITH NEW 288 COUNT FIBRE OPTIC CABLE AND TRACER WIRE (A)
(C)
 - 37.3 < 37.4 OPEN TRENCHED AND INSTALLED 2.1m OF NEW 4-38mm ϕ HDPE CONDUITS WITH NEW 288 COUNT FIBRE OPTIC CABLE AND TRACER WIRE WITH NEW ROGERS 2-75mm ϕ PVC CONDUITS. WITH TRACER WIRE. (JOINT BUILD WITH ROGERS) (A)
(C)
 - B INSTALLED NEW TELUS 762mmX1220mmX914mm HANDWELL. INSTALLED NEW GROUND (G)
(C)
 - D REPLACE EXISTING ROGERS HANDWELL WITH NEW ROGERS 1880mmX1420mm MANHOLE. (G)
(C)

KEY MAP (N.T.S.)



| | MATERIAL LIST | QUANTITY |
|----------------------------|---|----------|
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| TRACER WIRE | | |
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| UFO-48 | | |
| UFO-144 | | |
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| | SIDEWALK ANCHOR/PIPE | |
| | STRAND-1/4" | |
| | EXTENSION SIDEARM | |
| | LASH WIRE | |
| | OVERLASH | |
| | MAKE READY-ROGERS | |
| | MAKE READY-HYDRO | |
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| CABLE # | MANUFACTURER | TYPE | COUNT |
|---------|--------------|------|-------|
| | | | |

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Fax: (416) 744-6824
www.scirexco.com

| HYDRO PERMITS APPLIED FOR: | |
|--|--|
| OTTAWA | CITY OF OTTAWA |
| AER <input type="checkbox"/> | TOWN <input type="checkbox"/> |
| DP <input type="checkbox"/> | CITY <input type="checkbox"/> |
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| No. | DATE |
| | REVISIONS |
| DESCRIPTION: CONSTRUCTION ROUTE/ SITE/INTERNAL AS-BUILT | |
| AREA: 100 CONSTELLATION DRIVE, OTTAWA, ONT. | |
| PLOT DATE: DEC. 20/2018 | ISSUE # 9 |
| CONTRACTOR REF # 17TL09111-AB | |
| SURVEY DATE: | CITY U FILE # |
| | PAGE # 37 OF 56 |

