Minutes

Date:	September 26, 2018
File #:	TPB186089
Meeting Date & Time:	September 24, 2018 3:00 PM
Meeting at:	City of London – 10th Floor Meeting Room
Subject:	Bradley Avenue Extension – Ecology Terms of Reference

Attendees:

Sam Shannon (SS), City of London	Brad Dufour (BD), Wood
Ted Koza, City of London	Melissa Torchia (MT), Wood
James MacKay (JM), City of London	Jennifer Boak, Wood
Randy Trudeau, EEPAC	Loren Polonsky, Wood
Mark Snowsell (MS), UTRCA	Felix Wong (FW), Wood
Christine Creighton, UTRCA	

MATTERS DISCUSSED **ACTION BY:**

Overview

1. SS provided an introduction to the project and meeting.
2. FW provided an overview of the project, which includes the detailed design of Bradley Avenue from Wharncliffe Road South to the west Leg of Jalna Boulevard.
3. BD provided an overview of the meeting objectives.

Terms of Reference

4. BD discussed the purpose of the Terms of Reference (ToR).
5. BD discussed Wood's recommendation that a Subject Lands Status Report (SLSR) would be required for the project. The recommendation was confirmed by JM. MT indicated that the SLSR will be completed in tandem with the EIS efforts but would be provided prior to the

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Wood within five (5) business days of issue and confirmed in writing.

201 King Street, 4th Floor
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Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited
Registered office: 2020 Winston Park Drive, Suite 700, Oakville, Ontario L6H 6X7
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MATTERS DISCUSSED	ACTION BY:
Environmental Impact Study (EIS). JM confirmed that this approach to delivery of reports was acceptable by the City.	
6. JM noted that Wood should review *The London Plan* when preparing the SLSR and the EIS to ensure all current policy is addressed during the course of the study execution. It was also noted that policy has changed since project tendering and as such Wood will review internally to determine proper task scoping.	
7. BD provided a broad overview of the field survey program of the EIS ToR.	
8. JM noted that only Lee et. al. 1998 should be used when characterizing Ecological Land Classification (ELC) communities.	
9. JM noted that reference to the Marsh Monitoring Program (MMP) should be referenced and employed when undertaking breeding bird and anuran call surveys.	
10. JM noted that the Ontario Ministry of Natural Resources and Forestry (MNRF) Aylmer office protocol for detection of bat habitat be referenced and employed when undertaking bat habitat surveys. MT noted that fall surveys would target habitat potential and that acoustic surveys are not currently planned to be undertaken. BD noted that Wood is also awaiting direction from MNRF to determine if acoustic surveys are required.	
11. JM noted that field staff should undertake targeted surveys to locate snake hibernacula and other habitat features rather than undertaking passive surveys (i.e. snake cover board surveys). MT asked whether UTRCA has biologists that conduct UTRCA research in the watershed and if Wood could connect with them early March to identify whether they have observed snakes within the watershed. MS noted their Species at Risk (SAR) biologist does conduct field work, and Wood could contact them. MS noted there is likely not much information for the area, but if they are out collecting data for the watershed in 2019, Wood could coordinate for effective timing. Typically, the window for snake movement out of hibernacula is 1-2 weeks depending on temperature.	**MS/MT**
12. JM noted that the tree inventory should include all individual tree specimens greater than 10 cm Diameter at Breast Height (DBH) for all trees along the corridor (inclusive of woodlands). MT asked whether naturalized areas can be categorized as an area rather than individually tagging trees. JM was to confirm approach for inventorying trees in woodlots with the City Urban Forester.	**JM**
13. JM noted requirements for the wetland delineation. MS noted that UTRCA would like the boundary to be staked for their review and that	

MATTERS DISCUSSED	ACTION BY:
UTRCA and JM be present. MT noted that staking would be completed and UTRCA would receive a shapefile of the agreed upon wetland boundary. JM also noted that the review exercise should include an assessment of the relationship with the surrounding significant woodland habitat feature.	
14. JM, MS and MT discussed the potential for offsite wetland compensation as it was agreed that suitable area may not be available on site. JM and MS to provide direction and identify suitable sites within the Dingman Creek watershed. MT noted that characterization and quantification should be completed first in order to determine future property requirements.	**JM/MS**
15. JM inquired about Wood's approach to completing a hydrogeological study. JM noted that the study should provide a water balance assessment and include quality and quantity analysis of the wetland feature that is to remain after project completion. SM suggested that a meeting with UTRCA hydrogeologist to discuss the scope of the study. JM noted that Jeff Hatchey, City of London Hydrogeologist, should be included in the meeting and discussions. Wood to setup a meeting.	**FW**
16. JM noted that the EIS Checklist should have been provided with the TOR. JM noted that he would complete the checklist based on the information provided in the ToR. JM will provide a copy of the checklist to Wood for review and acceptance.	**JM**
Permission to Enter	
17. Wood to provide the City with a Roll Plan to facilitate approval of the Permission to Enter (PTE) and to determine ultimate property requirements for the project.	
18. SS indicated that property access would likely not be granted for one property, of which contains the wetland and significant woodland feature. JM noted that in the absence of access, all features would be considered significant for the purposes of the EIS and assessment of impacts.	
19. FW noted that the PTE is also required for other background studies, including the geotechnical investigation. Without access to the property, scheduling of these studies will need to be revisited.	**SS**
20. SS indicated that the approved PTE would be provided to Wood for distribution shortly.	
Schedule	

MATTERS DISCUSSED **ACTION BY:**

21. BD provided an overview of the field survey program schedule. JM was in agreeance with the schedule provided.

Agency Consultation

22. BD noted that formal contact has been initiated with UTRCA and MNRF. Cari Ramsey from UTRCA provide background information. MNRF has yet to provide a response to date.

Meeting Minutes prepared by:

Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited



Per: Bradley Dufour, M.Sc., CAN-CISEC, CPESC
Senior Environmental Specialist

Encl.
BD/bd

Shams, Aniqa

From: Dhalla, Faizan
Sent: Thursday, November 15, 2018 4:13 PM
To: 'cmartin@london.ca'; 'Bell.moc@telecon.ca'; 'gistechnician@londonhydro.com'; 'Rogers.moc@telecon.ca'; 'londdrafting@enbridge.com'; 'PUCC.circulations.GT@bell.ca'; 'jeff.soetemans@execulink.com'; 'quinten.wilson@execulink.com'; 'jim.walker@hydroone.com'; 'andrew.martin@hydroone.com'; 'Roderick.Crichton@londonde.ca'; 'sean.russell@londonde.ca'; 'telusutilitymarkups@Telecon.ca'; 'Utility.Circulations@Zayo.com'; 'hallie.maccuaig@esso.ca'; 'gavin.mcilwee@exxonmobile.com'; 'plane@sun-canadian.com'; 'bob.nesbitt@nrgas.on.ca'; 'rocca@start.ca'
Cc: Wong, Felix; 'sshannon@london.ca'
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Avenue-Utility Markup Base Plan.pdf; Aerial-Bradley Avenue (Wharncliffe to Jalna).jpg

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project.

Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.
If you **DO** have facilities within the study area:	Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached base-plan drawing; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings.
If you **PLAN TO** have facilities, or are modifying existing facilities within the study area:	Kindly provide us with details regarding proposed location, sizing and type of facilities in one or more the following formats: • Mark-ups on the attached base-plan; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings. Please be sure to indicate that these are for future installations and, if known, please provide timelines for implementation.

Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this process is greatly appreciated, and we will assist in any way possible.

If this project falls under the jurisdiction of another representative of your office, please forward this email to them, and advise us at your earliest convenience.

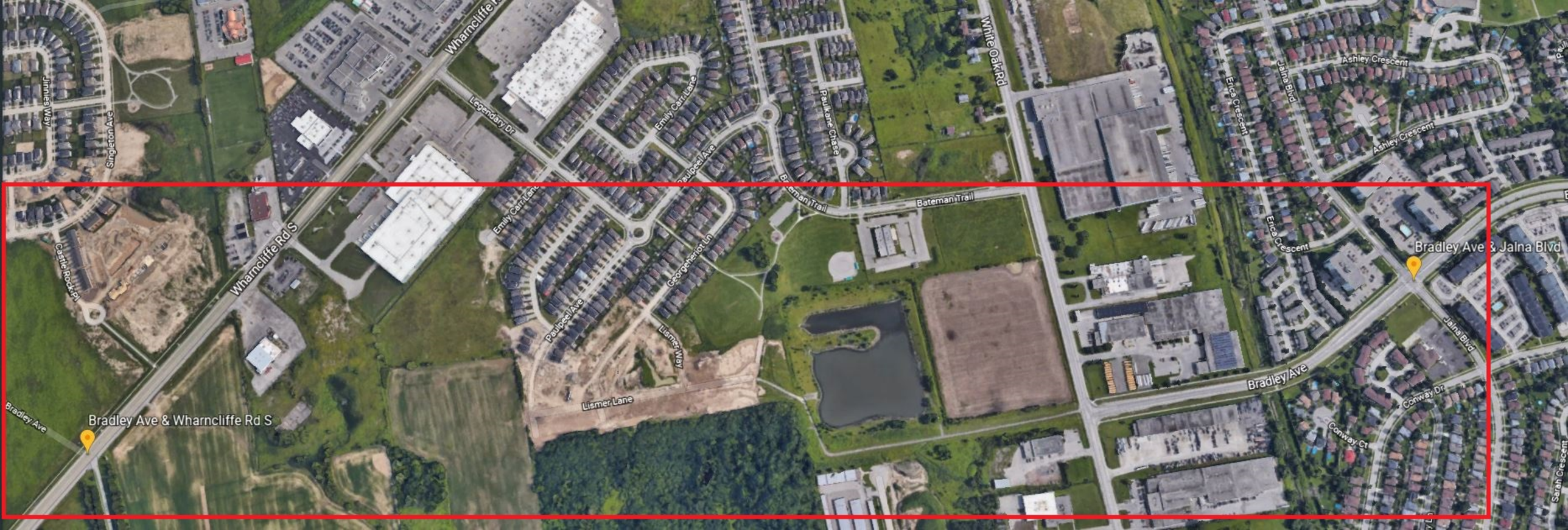
Included in this circulation are the following utilities. If you know of any others that we may have missed for this area, we would really appreciate it if you could please advise us.

- Bell Canada
- Bell Canada/GT Service Bureau
- London Hydro
- Rogers Communications
- Union Gas
- Execulink Telecom
- Hydro One
- London District Energy (Formerly Core Energy)
- Telus Communications
- Zayo (Formerly Allstream)
- Imperial Oil-Sarnia Products Pipeline
- Sun Canadian Pipeline
- Natural Resources Gas Limited
- Start Communications
- City of London

Please respond to this email by **November 30'th 2018** for us to continue moving forward with confirmation of conflicts and if required, the relocation process.

Thank You and have a great day!

Faizan Dhalla, EIT
Transportation Designer
3450 Harvester Road, Suite 100
Burlington, ON, Canada L7N 3W5
Direct: +1 (905) 335 2353 x3184
VOIP: #710-3184
faizan.dhalla@woodplc.com
www.woodplc.com


Wharncliffe Rd S
Bradley Ave & Wharncliffe Rd S
Bradley Ave
Castle Rock Pl
Emily Carr Lane
Paulpeel Ave
Georgeperior Lin
Lismer Way
Lismer Lane
Bateman Trail
Bradley Ave & Jalna Blvd
Erica Crescent
Jalna Blvd
Conway Dr
Conway Ct
Ashley Crescent
White Oak Rd
Paulkane Chase
Legendary Dr
Jinnies Way
Singleton Ave
Sarah Crescent



LEGEND

EXISTING HYDRO

EXISTING GAS

EXISTING BELL

CORPORATION OF THE CITY OF LONDON

wood.

Project No:

Date:

Scale:

Drawing No:

Sheet 1 of 1 Sheets Print No. 1 Print Date 29.11.19

Size A1 Drawing Number Do not scale this drawing. Use figured dimensions only. Check all dimensions on site.

Shams, Aniqa

From: Jeff Soetemans <Jeff.Soetemans@execulinktelecom.ca>
Sent: Friday, November 16, 2018 6:57 AM
To: Dhalla, Faizan
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hi Faizan,
Execulink is all clear and no future plans,
Thanks, Have a great weekend,
Jeff

execulink
TELECOM

Jeff Soetemans
Operations Manager
619 Main St N, Burgessville
tel: 519.456.1094
fax: 519.456.7803
other: 519.902.8840
email: jeff.soetemans@execulinktelecom.ca
www.execulink.ca

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; Jeff Soetemans <Jeff.Soetemans@execulinktelecom.ca>; Quinten Wilson <quinten.wilson@execulinktelecom.ca>; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

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If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.

Shams, Aniqa

From: Quinten Wilson <quinten.wilson@execulinktelecom.ca>
Sent: Friday, November 16, 2018 8:46 AM
To: Dhalla, Faizan
Cc: Jeff Soetemans
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Execulink Telecom does not have any facilities with in the study area.

Thank you,

Quinten

execulink
TELECOM

Quinten Wilson
Planning & Engineering
619 Main St N, Burgessville
tel: 519.456.1097
cell: 519.532.0119
email: quinten.wilson@execulinktelecom.ca
www.execulink.ca

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; Jeff Soetemans <Jeff.Soetemans@execulinktelecom.ca>; Quinten Wilson <quinten.wilson@execulinktelecom.ca>; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

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Could you kindly provide the following:

Shams, Aniqa

From: Chris Martin <cmartin@London.ca>
Sent: Friday, November 16, 2018 9:13 AM
To: Dhalla, Faizan
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Secure Delivery

Good morning Faizan; I think most of this Bradley Ave area would be in the RFP package. Here are the plans for London road and sewer per your map for design work. These are sent secure mail and should be downloaded within 5 days. Thanks Chris Martin C.E.T. Technologist Geomatics City of London 300 Dufferin Ave, LL 106, London On, N6A 4L9 P: 519.661.CITY(2489) x 8444 | Fax: 519.661.2354 cmartin@london.ca | www.london.ca At your request, The Corporation of the City of London (the City) is providing you with the attached public services infrastructure documents. These documents may contain technical inaccuracies, typographical errors and/or omissions. The documents are provided on an "as is" basis, and the City disclaims all warranties of any kind, either expressed or implied. The City accepts no responsibility for any damages resulting from your decisions or actions based on these documents. You assume all risk in connection therewith, and any damages done or occasioned thereby shall be at your sole risk and expense. In using these documents, you agree to defend, indemnify, and hold harmless the City, its officers, directors, employees and agents, from and against any claims, actions or demands, including without limitation reasonable legal and accounting fees, alleging or resulting from your use of these documents. You may use these documents only for informational, personal, and/or non-commercial purposes. You may not modify any of these documents. All rights reserved. From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com] Sent: Thursday, November 15, 2018 4:13 PM To: Martin, Chris ; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca Cc: Wong, Felix ; Shannon, Sam Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London Good Afternoon All, Wood has been retained by The City of London to complete the detailed design for the Bradley Avenue Extension, from Wharncliffe Road South to the West leg of Jalna Boulevard. 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If you DO have facilities within the study area: Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: * Mark-ups on the attached base-plan drawing; * (Preferred) AutoCAD, MicroStation or GIS drawings; or * Digital copies of facility design drawings. If you PLAN TO have facilities, or are modifying existing facilities within the study area: Kindly provide us with details regarding proposed location, sizing and type of facilities in one or more the following formats: * Mark-ups on the attached base-plan; * (Preferred) AutoCAD, MicroStation or GIS drawings; or * Digital copies of facility design drawings. Please be sure to indicate that these are for future installations and, if known, please provide timelines for implementation. Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this process is greatly appreciated, and we will assist in any way possible. If this project falls under the jurisdiction of another representative of your office, please forward this email to them, and advise us at your earliest convenience. Included in this circulation are the following utilities. If you know of any others that we may have missed for this area, we would really appreciate it if you could please advise us. * Bell Canada * Bell Canada/GT Service Bureau * London Hydro * Rogers Communications * Union Gas * Execulink Telecom * Hydro One * London District Energy (Formerly Core Energy) * Telus Communications * Zayo (Formerly Allstream) * Imperial Oil-Sarnia Products Pipeline * Sun Canadian Pipeline * Natural Resources Gas Limited * Start Communications * City of London Please respond to this email by November 30'th 2018 for us to continue moving forward with confirmation of conflicts and if required, the relocation process. Thank You and have a great day! Faizan Dhalla, EIT Transportation Designer 3450 Harvester Road, Suite 100 Burlington, ON, Canada L7N 3W5 Direct: +1 (905) 335 2353 x3184 VOIP: #710-3184 faizan.dhalla@woodplc.com www.woodplc.com _____ This message is the property of John Wood Group PLC and/or its subsidiaries and/or affiliates and is intended only for the named recipient(s). Its

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27854.pdf	442.12 KB
9106.pdf	394.74 KB
9107.pdf	368.72 KB
9108.pdf	211.90 KB
INT526.pdf	152.15 KB
INT527.pdf	186.20 KB
T02502-14.pdf	804.13 KB
T02502-15.pdf	797.18 KB
image002.png	6.08 KB
image003.png	6.08 KB

If the link above does not open, please copy and paste the following URL into your browser:
https://transfer.london.ca/pkg?token=910a17b0-4d99-4ae9-bc1c-f18a2461bf9c

This email is confidential and is intended solely for the use of the named addresses.
This notification has been sent to you by GoAnywhere Services.



NOTES:

1. COVER OVER WATERMAIN IS 5'-6" TO 6'-0" UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER RADII 25' UNLESS OTHERWISE NOTED.
3. CATCHBASINS AT INTERSECTIONS ARE LOCATED 2 FT. FROM B.H.C. OR E.H.C. UNLESS OTHERWISE SHOWN.
4. FOR NOTES AND DETAILS APPLICABLE TO THIS DRAWING SEE DRAWING No's LISTED BELOW. *
5. P.D.C. AND C.B. CONNECTIONS AT MAINS ARE MEASURED FROM ℄ OF MANHOLE FRAME AND COVER.
6. STRUCTURAL DESIGN OF THE SEWERS IS BASED ON THE TRANSITION WIDTH UNLESS OTHERWISE NOTED ON PROFILE.
7. ALL ELEVATIONS RELATED TO CITY OF LONDON BENCHMARK No. C.P.-49, ELEVATION 851·730.- ON BRASS TABLET SET IN THE NORTH-EAST CORNER OF CONCRETE CULVERT CROSSING HWY.# 135 AT WHITE OAKS ROAD AND CITY OF LONDON B.M. No. S-110, ELEVATION 899·956.- ON TOP OF THE SOUTH BONNET BOLT OF THE FIRE HYDRANT OPPOSITE THE GLENDALE UNITED CHURCH ON THE NORTH SIDE OF SOUTHDALE ROAD AND C. OF L. B.M. No. C.P.-8, ELEV. - 851·432.
8. ℄ LOT 10' 10' — ST P.D.C., W.S., SAN P.D.C. — SINGLE; 10' 10' 1' 1' 10' 10' ℄ LOT — ST P.D.C., SAN P.D.C., W.S., W.S., SAN P.D.C., ST P.D.C. — SEMI-DETACHED

P.D.C.'s AND WATER SERVICES ARE INSTALLED IN STANDARD LOCATIONS AS ABOVE UNLESS OTHERWISE SHOWN AND NOTED.

9.

	SIZE	STRENGTH	MAT'L	JOINT	BEDDING	MANUFACTURER
SAN P.D.C.'s	4"	1500	A.C.	R.G.	C	
ST P.D.C.'s	4"	1500	A.C.	R.G.	C	
C.B. CONNECT's	8"	E.S.	CONC.	R.G	C	
PRE-CAST CONC. M.H.'s	48"	3000	CONC.	R.G.	N/A.	

10.

SERVICES	COMPLETION	CONTRACTOR
SANITARY SEWERS, P.D.C.'s & M.H.'s	NOV., 1989	J-AAR
STORM SEWERS, P.D.C.'s, M.H.'s & C.B.'s	NOV., 1989	J-AAR
WATERMAINS & WATER SERVICES	NOV., 1989	J-AAR
GRANULAR ROAD BASE	NOV., 1989	J-AAR
CURB & GUTTER	NOV., 1989	J-AAR
SIDEWALKS	NOV., 1989	J-AAR
PAVING	NOV., 1989	J-AAR

11. 48" ALUMINUM SAFETY LANDINGS SHALL BE INSTALLED IN THE FOLLOWING MANHOLES AND SHALL BE OF THE TYPE USED BY OAKS PRECAST INDUSTRIES LTD. FOR PRE-CAST MANHOLES OR AN APPROVED EQUAL: M.H. SAN - 18.

12. FOR TYPICAL ROADWAY CROSS-SECTIONS SEE DWG No.: 43-IV.

* C. of L. LCD-230, 231, 232, 233, 234, 250, 260, 261, 262, 280, 281, 330, 500-1 to 4, 510-1 to 3, 520, 524, 528, 532, 536, 539, 543, 570, 571, 572, 573 & 574.

REGISTERED PROFESSIONAL ENGINEER K. W. HODGES PROVINCE OF ONTARIO

PROFESSIONAL ENGINEER'S STAMP

No.	REVISIONS	DATE	BY
3.	"AS CONSTRUCTED" 33 M-205	SEPT. 1993	K.W.H.
2.	DITCH LOCATION	FEB. 1987	K.W.H.
1.	ELECTRICAL LAYOUT, DITCH RE-ALIGNMENT AND SUB-DRAINS ADDED.	DEC. 1986	K.W.H.

CITY OF LONDON

WHITE OAKS SUBDIVISION - PHASE IV
MATTHEWS GROUP LTD. LONDON, ONT.

BRADLEY AVENUE
WEST BOUNDARY OF SUBDIVISION TO 100' EAST OF JALNA BOULEVARD

DESIGN : E.C.
DRAWN : S.C., K.B., H.E.
CHECKED : H.G. & J.G.
APPROVED : K.W.H.

FIELD BOOK : 77-1915
SCALE : HORIZ. - 1" = 40', VERT. - 1" = 4'
DATE : MAY 1986

DeLCan DE LEUW CATHER, CANADA LTD
CONSULTING ENGINEERS AND PLANNERS

PROJECT No. 77-1915

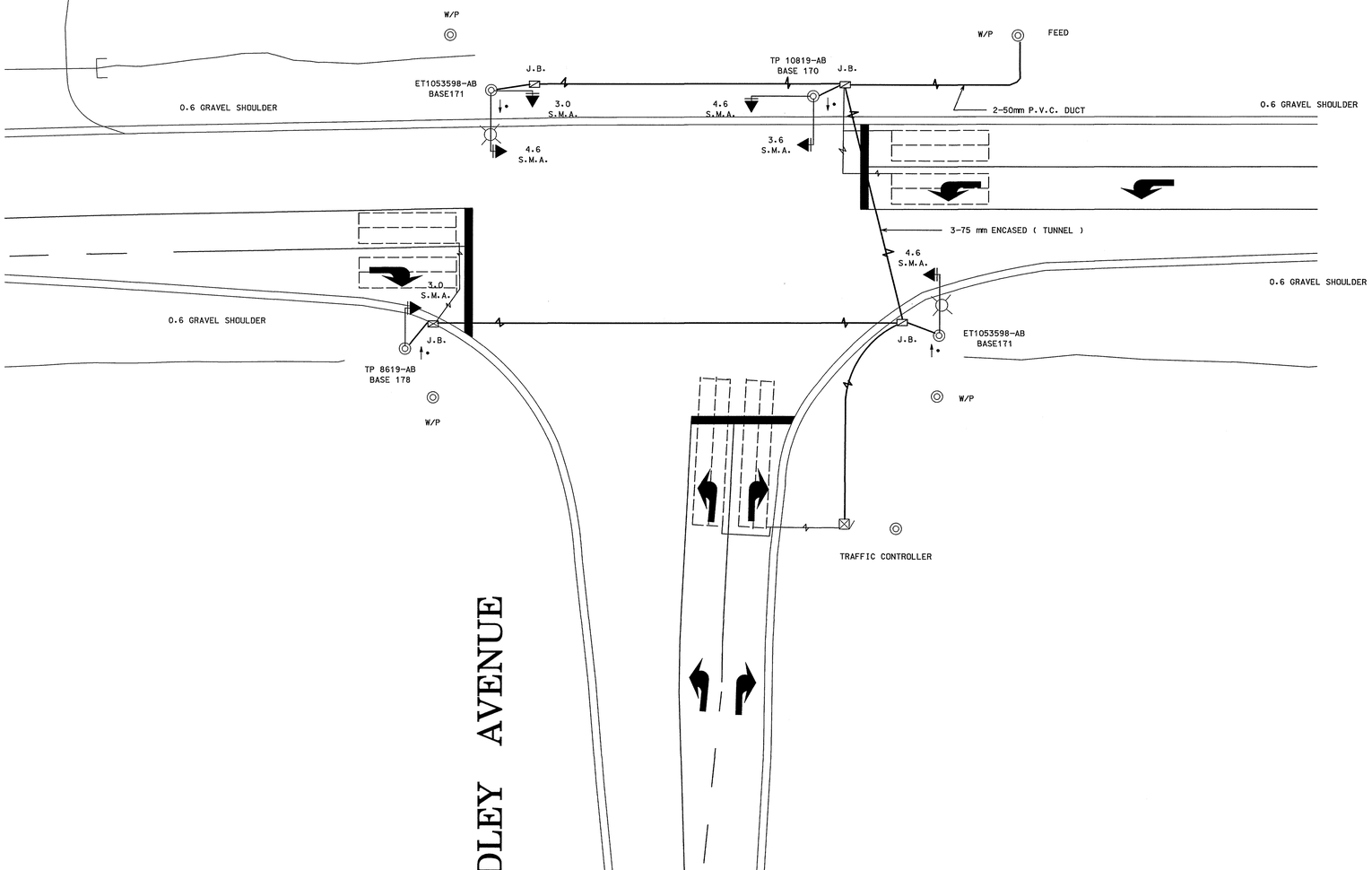
DRAWING No.: 28-IV

APPROVED BY:
SECTION HEAD
CITY ENGINEER

CITY ENGINEER'S DEPARTMENT
PROJECT No.:
DRAWING No.:
10,483

10483

WHITE OAK ROAD



GEOMATICS DIVISION
MAR 15 2004
FILE NO.
REF TO

CITY OF LONDON

ENVIRONMENTAL SERVICES DEPARTMENT
TRANSPORTATION DIVISION

London
CANADA

INTERSECTION BRADLEY AVENUE AND WHITE OAK ROAD
OPERATION DATE DECEMBER 13, 1994
SCALE 1:200
APPROVED BY

REVISIONS

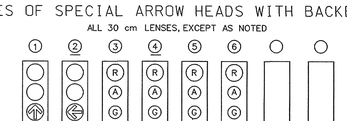
DATE	ANALYST	DESCRIPTION OF REVISIONS	REVIEWED

LEGEND

- HIGHWAY SIGNAL HEAD (30 cm, Red) WITH BACKBOARD AND MAST ARM
- HIGHWAY SIGNAL HEAD (30 cm, Red) WITH BACKBOARD AND OVERHEAD CABLE
- HIGHWAY SIGNAL HEAD WITH BACKBOARD AND MAST ARM (ALL 30 cm. LENSES)
- SPECIAL HEAD WITH BACKBOARD AND ONE OR MORE PROGRAMMABLE LENSES (Example shows Type Ⓒ Head)
- STANDARD SIGNAL HEAD WITH BACKBOARD AND MAST ARM (ALL 20 cm. LENSES)
- STANDARD SIGNAL HEAD WITH MAST ARM, WITHOUT BACKBOARD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- OPTICOM (OPT.)
- VEHICLE LOOP DETECTOR
- DUPLEX LOOP DETECTOR
- TRAFFIC CONTROLLER
- TRAFFIC SIGN
- JUNCTION BOX (J.B.)
- UNDERGROUND DUCT
- STREET LIGHT
- S.M.A. SIGNAL MAST ARM
- HANDICAP ACCESS

TYPES OF SPECIAL ARROW HEADS WITH BACKBOARD

ALL 30 cm LENSES, EXCEPT AS NOTED



③ ④ AMBER ARROW MUST BE USED IN A PROTECTED/PERMISSIVE SIMULTANEOUS LEFT TURN OPERATION.

NOTE: FOR SPECIAL ARROW HEADS ③, ④, ⑤ AND ⑥, 20 cm AMBER BALL AND 20 cm GREEN BALL LENSES SHOULD BE USED

NOTES:

1) PLAN PREPARED WITHOUT THE BENEFIT OF A LAND SURVEY.
2) NO PARKING PERMITTED 15 METRES FROM INTERSECTION.
3) GROUNDING ROD IN EVERY JUNCTION BOX

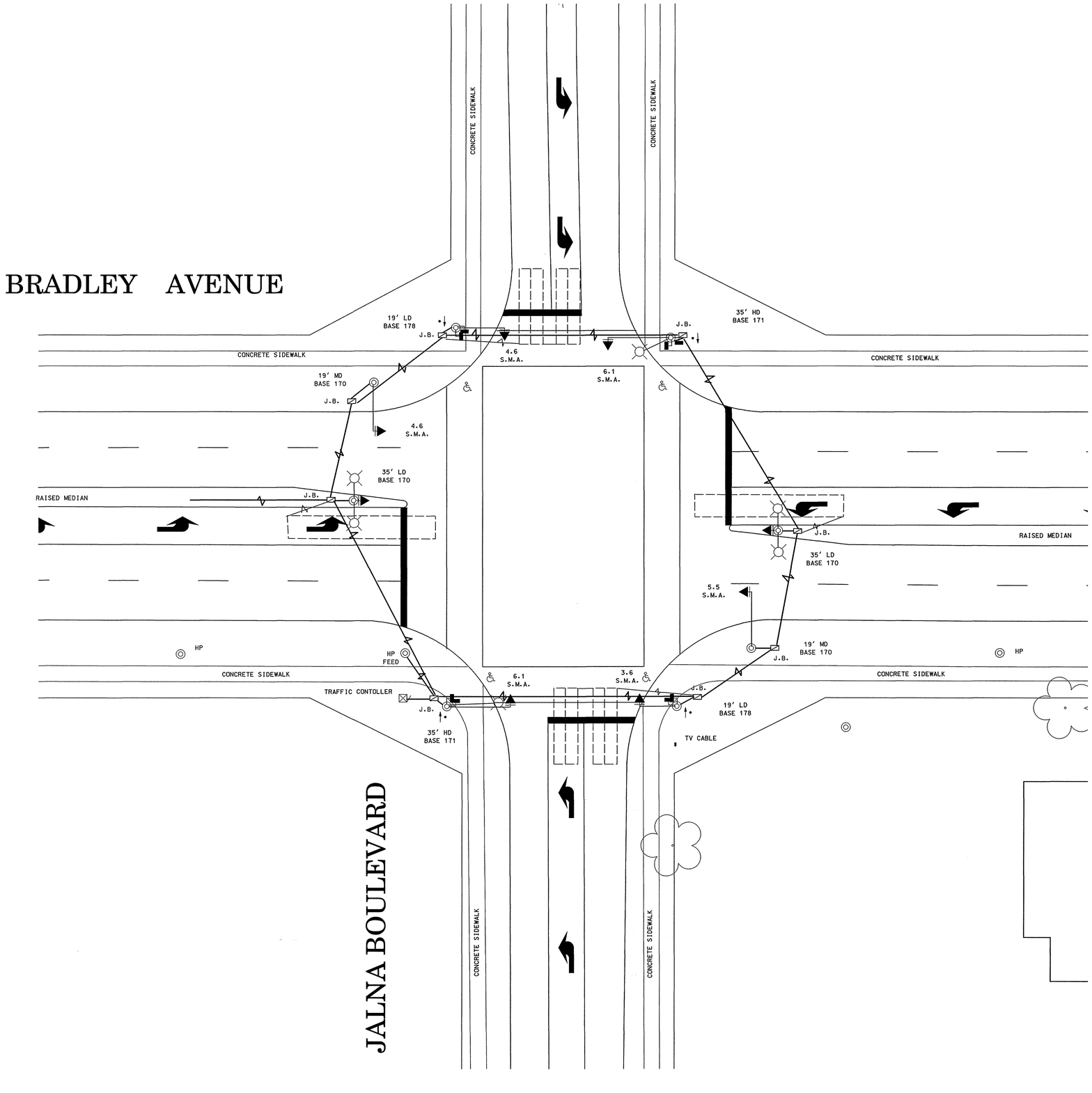
INTERSECTION No. 526

\Intersection Dwgs\INTS526.DGN 2004-03-15 10:36:31 AM

CITY OF LONDON

ENVIRONMENTAL SERVICES DEPARTMENT
TRANSPORTATION DIVISION

London
CANADA



INTERSECTION BRADLEY AVENUE AND
JALNA BOULEVARD (WEST INTERSECTION)

OPERATION DATE JUNE 28 1990

SCALE 1:200

APPROVED BY

REVISIONS

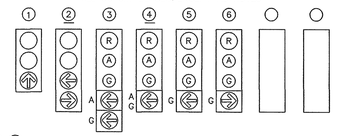
DATE	ANALYST	DESCRIPTION OF REVISIONS	REVIEWED

LEGEND

- HIGHWAY SIGNAL HEAD (30 cm. Red) WITH BACKBOARD AND MAST ARM
- HIGHWAY SIGNAL HEAD (30 cm. Red) WITH BACKBOARD AND OVERHEAD CABLE
- HIGHWAY SIGNAL HEAD WITH BACKBOARD AND MAST ARM (ALL 30 cm. LENSES)
- SPECIAL HEAD WITH BACKBOARD AND ONE OR MORE PROGRAMMABLE LENSES (Example shows Type ② Head)
- STANDARD SIGNAL HEAD WITH BACKBOARD AND MAST ARM (ALL 20 cm. LENSES)
- STANDARD SIGNAL HEAD WITH MAST ARM, WITHOUT BACKBOARD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- OPTICOM (OPT.)
- VEHICLE LOOP DETECTOR
- DUPLEX LOOP DETECTOR
- TRAFFIC CONTROLLER
- TRAFFIC SIGN
- JUNCTION BOX (J.B.)
- UNDERGROUND DUCT
- STREET LIGHT
- S.M.A. SIGNAL MAST ARM
- HANDICAP ACCESS

TYPES OF SPECIAL ARROW HEADS WITH BACKBOARD

ALL 30 cm LENSES, EXCEPT AS NOTED



③ ④ AMBER ARROW MUST BE USED IN A PROTECTED/PERMISSIVE SIMULTANEOUS LEFT TURN OPERATION.

NOTE: FOR SPECIAL ARROW HEADS ③, ④, ⑤ AND ⑥, 20 cm AMBER BALL AND 20 cm GREEN BALL LENSES SHOULD BE USED

NOTES:

1} PLAN PREPARED WITHOUT THE BENEFIT OF A LAND SURVEY.
2} NO PARKING PERMITTED 15 METRES FROM INTERSECTION.
3} GROUNDING ROD IN EVERY JUNCTION BOX

INTERSECTION No. 527

GEOMATICS DIVISION
MAR 15 2004
FILE NO.
REF TO

\\Jetspeed\Users\Jdavis\Intersection\527.dgn 01-Dec-2002 09:32:30 AM

Shams, Aniqa

From: Telus Utility Markups <telusutilitymarkups@Telecon.ca>
Sent: Friday, November 16, 2018 9:19 AM
To: Dhalla, Faizan
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London Telus 2018-5882

TELUS has no infrastructure in the area of your proposed work. Permit expires six(6) months from approval date.

Indira Sharma
Project Support
289-657-8256
7777 Weston Road
Vaughan, ON L4L 0G9

telecon
design • build • connect

www.telecon.ca

WE MOVED! Please update your records with our new address:
7777 Weston Road Vaughan, ON L4L 0G9

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project.

Could you kindly provide the following:

Shams, Aniqa

From: LondDrafting <LondDrafting@enbridge.com>
Sent: Friday, November 16, 2018 9:26 AM
To: Dhalla, Faizan
Cc: Rob Elliott
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: bradley ave extension.dwg

Hi Faizan,

Please find the attached CAD file showing existing Union Gas facilities in the area.

Thanks,

Jeremy Scott
Drafter / Estimator | London District

Union Gas Limited | An Enbridge Company
TEL: 519-667-4100 ext 5153010 | londdrafting@uniongas.com
109 Commissioners Rd W, London, ON N6A 4P1

From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com]
Sent: November-15-18 4:13 PM
To: cmartin@london.ca; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; LondDrafting; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix; sshannon@london.ca
Subject: [External] Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project.

Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.

Shams, Aniqa

From: Mailbox, GisTechnician <gistechnician@londonhydro.com>
Sent: Friday, November 16, 2018 8:50 AM
To: Dhalla, Faizan
Subject: Re: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: image001.png; Bradley Ave Extenstion.zip

Hi Faizan,

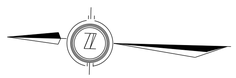
Attached are London Hydro's underground drawings/screenshots showing our underground infrastructure for the requested area.

Thanks

On Thu, 15 Nov 2018 at 16:17, Dhalla, Faizan <faizan.dhalla@woodplc.com> wrote:

> Good Afternoon All,
>
> Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.
>
> We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project.
>
> Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.
If you **DO** have facilities within the study area:	Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached base-plan drawing; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or

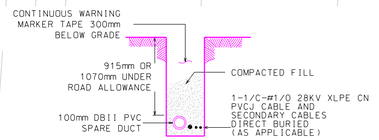


SEE UD 2021

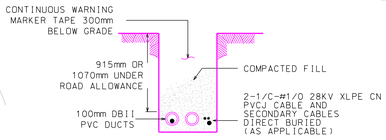
WHITE OAK ROAD

3021 3033 3067 3077 3095 3105 3113 3119 3129 3137 3145 3153 3161 3169 3177 3195 3207

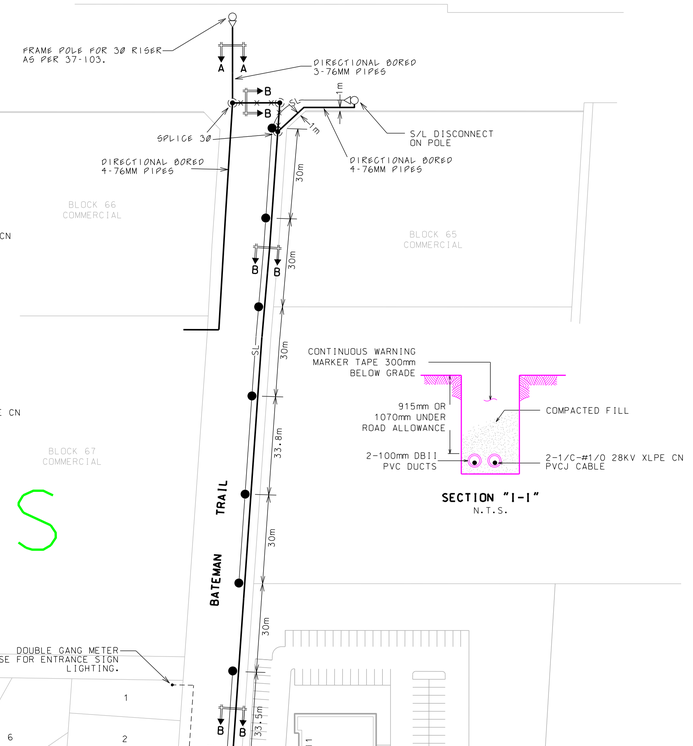
SEE UD 1959



SECTION "G-G"
N.T.S.



SECTION "H-H"
N.T.S.



SECTION "I-I"
N.T.S.

W.O. 11-9241 IN PROGRESS

POSSIBLE FUTURE DEVELOPMENT (PRIVATELY OWNED BY OTHERS)

NOTES

1. THIS IS A 27.6KV SYSTEM.
2. FOR OPERATING SEE GRID N-52
3. SECONDARY CABLES 1/O and/or 4/0AI 600V.
4. ALL ROAD CROSSINGS AS PER E-CS-360 OR AS SPECIFIED
5. TRANSFORMER LOCATION AS PER E-CS-354 SHT. 9. 10. 11. & 13 OR AS SPECIFIED.
6. W.O. 05-2925
   FILE # SUBD-2349
   DEVELOPER: LONGWOOD OAKS LIMITED
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICE: 1-4. 35-47. 52-58 BATEMAN TRAIL.
   5-10. 21-34 PAULKANE CHASE.
   11-20 PETTY ROAD.
   48-51. BLK 59. 60 PAULPEEL AVE.

   TOTAL 60 S.F. LOTS

7. W.O. 06-4190
   FILE # SUBD-2349-2
   DEVELOPER: LONGWOOD OAKS LIMITED
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICE: 51-56 PAULKANE CHASE
   36-50 BIDDULPH STREET
   31-51. 57-77 BATEMAN TRAIL

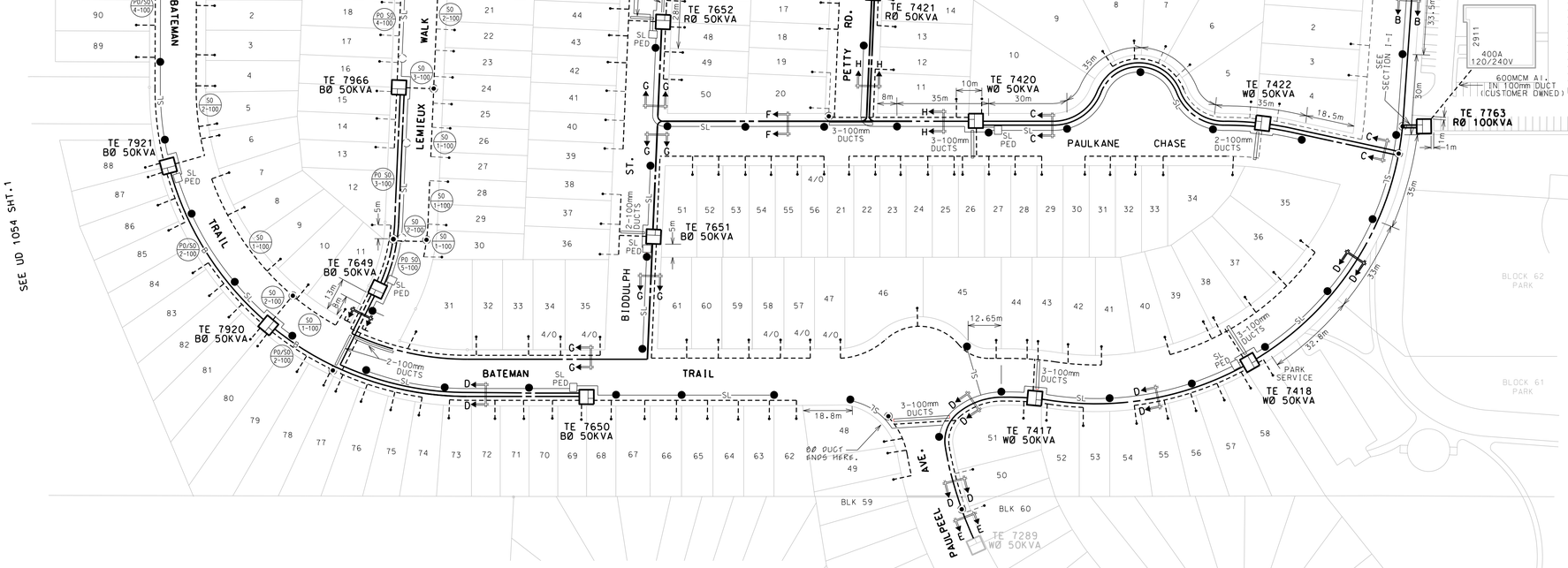
   TOTAL 47 S.F. LOTS

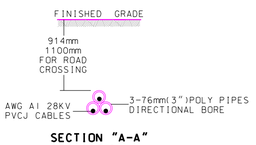
8. W.O. 08-4587
   FILE # SUBD-2349-3
   DEVELOPER: Z GROUP
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICED: 1-11.78-91 BATEMAN TRAIL

   TOTAL 25 S.F. LOTS

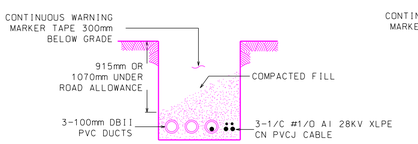
9. W.O. 09-4656
   FILE # SUBD-2349-4
   DEVELOPER: Z GROUP
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICED: 12-19. 20-30 LEMIEUX WALK

   TOTAL 19 S.F. LOTS

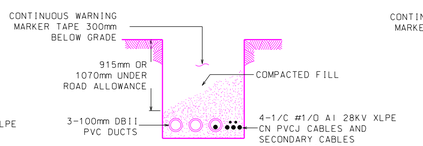




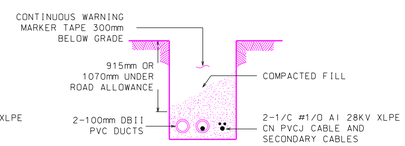
SECTION "A-A"
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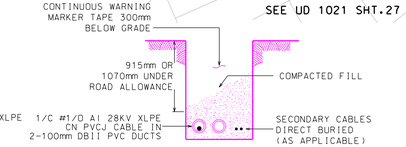
SECTION "B-B"
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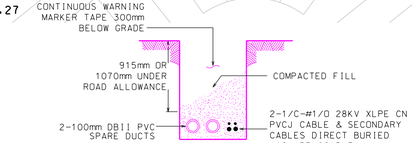
SECTION "C-C"
N.T.S.



SECTION "D-D"
N.T.S.



SECTION "E-E"
N.T.S.



SECTION "F-F"
N.T.S.

REV.	DATE	ORDER	DESCRIPTION	BY	CHK'D	APP'D
15	SEPT 2010	09-1067 8	BATEMAN TRAIL @ WHITEOAK RD. EXPANSION CHANGES	TH	A	
14	JAN 2010	09-4656	SERVICES ADDED ON LEMIEUX WALK FROM TE 7966-SEE NOTE 9	BW	FD	JB
13	OCT 2009	08-4587	STREET LIGHTING LAYOUT ADDED ON BATEMAN TRAIL FROM TE 7921	BW	FD	AVD
12	NOV 2008	08-4587	TE 7920 & TE 7921 ADDED ON BATEMAN TRAIL - SEE NOTE 8	BW	FD	AVD
11	OCT 2007	07-4425	TE 7763 ADDED AT 2911 BATEMAN TRAIL	AML	AK	AVD
10	SEPT 2007	06-4190	EMS MARKER ADDED AT THE CORNER OF BATEMAN TRAIL & PAULKANE CHASE - AS BUILT	BW	BNT	AVD
9	JULY 2007	06-4190	STREETLIGHTING ENERGIZED FROM TE7649,TE7650,TE7651 & TE7652	AML	BNT	AVD
8	JULY 2007	06-4190	SEPARATE FEED FROM TE7652 ADDED TO S/L IN REAR OF LOT 45 BIDDULPH ST.-AS BUILT	BW	BNT	AVD
7	MAR 2007	06-4190	STREETLIGHTING ADDED FROM TE7649,TE7650,TE7651 & TE7652	BW	BNT	AVD
6	MAR 2007	06-4190	SERVICES ADDED FROM TE 7649, TE 7650, TE 7651 & TE 7652 - SEE NOTE 7	BW	BNT	AVD
5	FEB 2007	06-1332	SIGN LIGHTING SERVICE ADDED - 2910 BATEMAN TRAIL	BW	BNT	AVD
4	JAN 2007		REFERENCED UD 1054 SHT.1. UD 1959 & UD 2021	BW	ROD	AVD
3	JUNE 2006		CHANGES TO STREET LIGHT LOCATIONS IN FRONT OF LOTS 51-56 BATEMAN TRAIL	BW	BNT	AVD
2	MAR 2006		CHANGES TO CABLE CROSSING BATEMAN TRAIL @ WHITE OAK RD. - AS BUILT	BW	BNT	AVD
1	NOV 2005	05-2845	ADDED STREET LIGHT LAYOUT BATEMAN TRAIL, PAULKANE CHASE & PETTY ROAD	BW	BNT	AVD

LONDON HYDRO INC.
CITY OF LONDON

LONGWOOD OAKS SUBD.

DESIGN	DRAWN	DATE	ORDER	SCALE
B.T.	B.W.	2005-10-07	05-2925	1:1000

B.Trewartha — CHECKED
A.VanDamme — APPROVED
DWG. UD-1021 SHT.28

m:\ud\ 1021s28.dgn

NOTES

1. THIS IS A 27.6kV SYSTEM.
2. FOR OPERATING SEE GRID N52.
3. SECONDARY CABLES 1/0 and/or 4/0Al 600V.
4. ALL ROAD CROSSINGS AS PER E-CS-360 OR AS SPECIFIED.
5. TRANSFORMER LOCATION AS PER E-CS-354 SHT. 9, 10, 11, & 13 OR AS SPECIFIED.

6. W.O. 04-2746
   FILE # SUBD-2328
   DEVELOPER: LEGEND DEVELOPMENT LTD.
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICE:
   1-12 LEGENDARY DR..
   13-41 PAULPEEL AVE.
   42-80, 101 GEORGEHERIOT AVE.

   TOTAL 81 S.F. LOTS

7. W.O. 06-4164
   FILE # SUBD-2328-2
   DEVELOPER: LEGEND DEVELOPMENT INC.
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICE:
   LOTS 1-73 EMILYCARR LANE

   TOTAL 73 S.F. LOTS

8. W.O. 10-4917
   FILE # SUBD-2328-2
   DEVELOPER: LEGEND DEVELOPMENT INC.
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   ROAD CROSSINGS AS PER E-CS-345 OR AS SPECIFIED
   BOULEVARD TRENCHES AS PER E-CS-338
   TRANSFORMER LOCATIONS AS PER E-CS-388 SHT.3.
   E-CS-400 SHT.4 AND E-CS-420 SHT.3
   STREET LIGHT LOCATIONS AS SPECIFIED
   LOTS OR UNITS TO BE SERVICED:
   LOTS 1-22, BLOCKS #23 & #24 ALONG EMILYCARR LANE

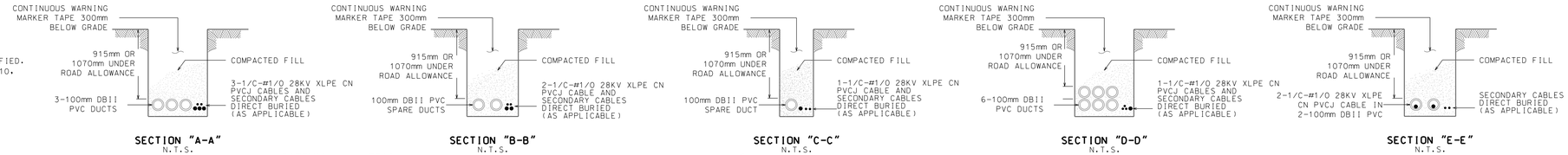
   TOTAL 25 S.F. LOTS

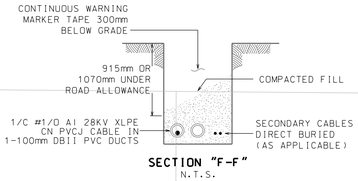
9. W.O. 10-9129
   FILE # SUBD-2328-2
   DEVELOPER: LEGEND DEVELOPMENTS INC.
   GENERAL CONTRACTOR: LONDON HYDRO INC.
   LOTS TO BE SERVICED:
   LOTS 1 TO 36 CASSON WAY AND LOTS 37 TO 65
   ON PAUL PEEL AVENUE

   TOTAL 65 S.F. LOTS

10. W.O. 14-9852
    FILE # SUBD-2349-7
    DEVELOPER: BANMAN DEVELOPMENTS (LEGENDARY) INC.
    GENERAL CONTRACTOR: LONDON HYDRO INC.
    LOTS TO BE SERVICED:
    LOTS 1 TO 3 AND LOTS 10 TO 12
    ON PAUL PEEL AVENUE

    TOTAL 6 S.F. LOTS





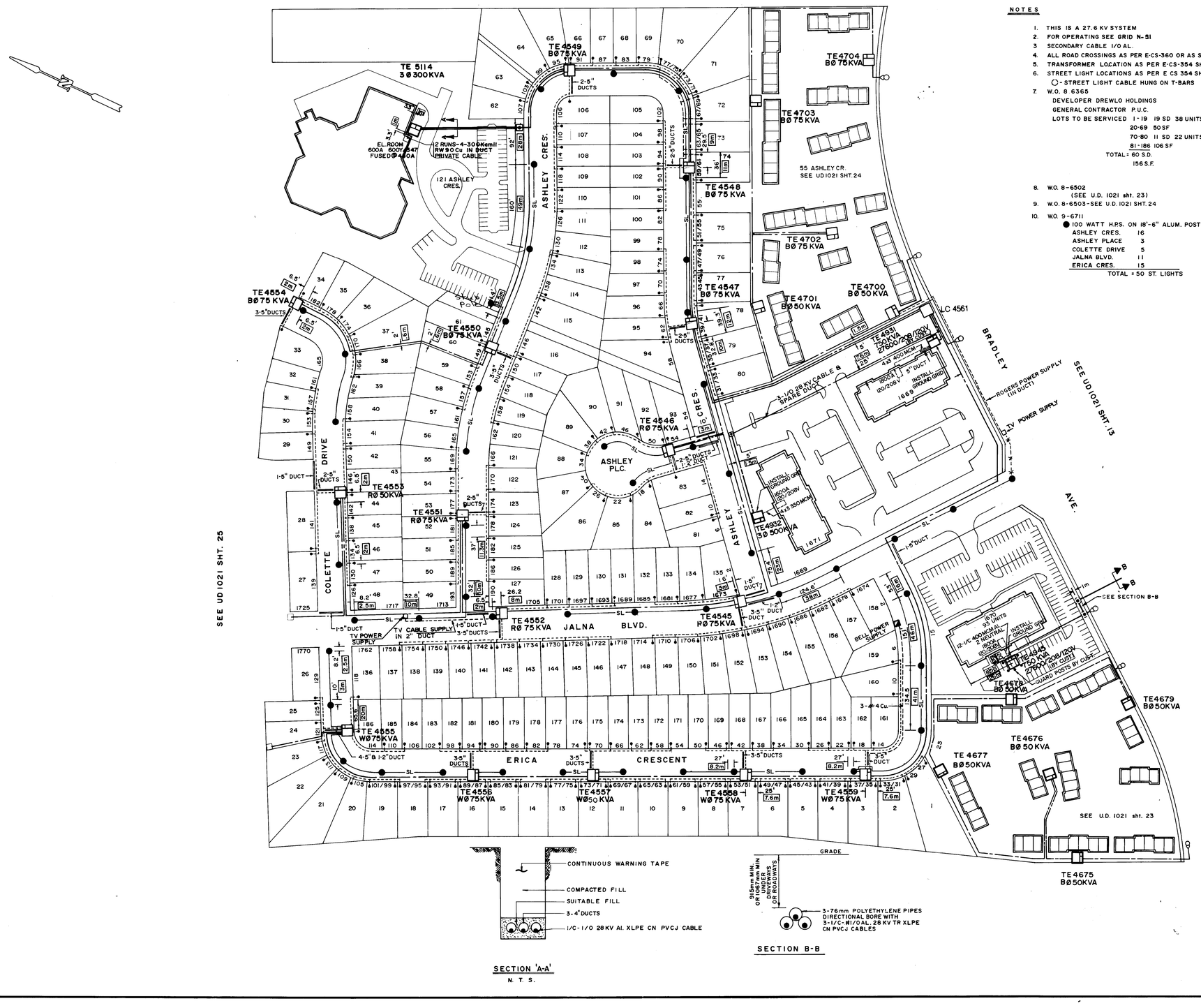
REV.	DATE	ORDER	DESCRIPTION	BY	CHKD	APPD
17	JAN 2016	9648	ADJUSTED UD BOUNDARIES	SF		
16	APR 2015	9452	AS-BUILT RD CROSSING MODIFY SERVICES 1-3 & 10-12 OFF TE 8162	AR	SF	JB
15	APR 2014	9452	SEE NOTE #10	SF	SF	JB
14	SEP 2011	9452	SL POWER SUPPLIES ENERGIZED AT TE 8161 & TE 8163	JM	JM	JB
13	JUNE 2011	9129	ADDED MUNCIPAL NUMBERS ON PAUL PEEL AVE. & CASSON WAY	BW	JM	JB
12	MAR 2011	9129	SEE NOTE #9	UTS	REL	REL
11	OCT 2010	4917	STREET LIGHTS ADDED ON EMILY CARR LANE	BG	JM	JB
10	SEPT 2010	4917	TRENCH LINE MARKERS REVISED ON EMILY CARR LANE- AS-BUILT	BW	JM	JB
9	AUG 2010	6850	3345 EMILY CARR LANE- BELL CANADA PEDESTAL	AY	AK	JB
8	APR 2010	4917	TE 8081 & TE 8082 ADDED AS PER NOTE #8	BG	JM	JB
7	MAY 2008	6286	ENERGIZED STREET LIGHTS ON EMILY CARR LANE	BW	FD	YS
6	JAN 2008		MUNICIPAL NUMBERS ADDED ON EMILY CARR LANE	BW	FD	YS
5	APR 2007	4164	STREETLIGHT LAYOUT ADDED ON EMILYCARR LANE FROM TE 7614, TE 7617 & TE 7618	BW	BT	AVD
4	DEC 2006	4164	TRANSFORMERS ADDED AS PER NOTE #7	AML	BT	AVD
3	SEPT 2005	090	STREET LIGHTS ENERGIZED FROM TE 7287,7288 & 7291	AML	BT	AVD
2	SEPT 2005	348	ROGERS POWER SUPPLY ADDED JUST EAST OF TE 7287	JS	AK	AVD
1	JUL 2005	2746	AS BUILT - ST LIGH CABLE BETWEEN LOTS 39/40	AML	BT	JB

LONDON HYDRO INC.
CITY OF LONDON

WHITE OAKS SUBDIVISION

DESIGN	DRAWN	DATE	ORDER	SCALE
B.N.T.	A.M.L.	2011-02-28	04-2746	1:1000

CHECKED	APPROVED	DWG
BNT	AVD	UD-1021 SHT.27



NOTES

1. THIS IS A 27.6 KV SYSTEM
2. FOR OPERATING SEE GRID N-31
3. SECONDARY CABLE 1/0 AL.
4. ALL ROAD CROSSINGS AS PER E-CS-360 OR AS SPECIFIED
5. TRANSFORMER LOCATION AS PER E-CS-354 SHT. 9,10,11, & 13 OR AS SPECIFIED
6. STREET LIGHT LOCATIONS AS PER E CS 354 SHT. 12 & 13 OR AS SPECIFIED
   ○ - STREET LIGHT CABLE HUNG ON T-BARS
7. W.O. 8 6365
   DEVELOPER DREWLO HOLDINGS
   GENERAL CONTRACTOR P.U.C.
   LOTS TO BE SERVICED 1-19 19 SD 38 UNITS
   20-69 50 SF
   70-80 11 SD 22 UNITS
   81-186 106 SF
   TOTAL = 60 S.D.
   156 S.F.
8. W.O. 8-6502
   (SEE U.D. 1021 sht. 23)
9. W.O. 8-6503-SEE U.D. 1021 SHT. 24
10. W.O. 9-6711
    ● 100 WATT H.P.S. ON 18'-6" ALUM. POST
    ASHLEY CRES. 16
    ASHLEY PLACE 3
    COLETTE DRIVE 5
    JALNA BLVD. 11
    ERICA CRES. 15
    TOTAL = 50 ST. LIGHTS

REV.	DATE	DESCRIPTION	BY	CHKD	APP'D
20	APRIL 1989	TE 4557 CHANGED FROM 75 KVA TO 50 KVA	A.R.		
19	MAY 2004	BELL POWER SUPPLY ADDED REAR OF 1674 JALNA BLVD.-TE4559	BW		
18	JAN 11-1990	SE 4561 CHANGED TO LC 4561	BWS		
17	FEB 1379 709	SERVICE TO TV POWER SUPPLY FROM TE 4700 ADDED	DWS		
16	JULY 06 4072	SECTION B-B ADDED	BWS		
15	OCT 1989	RECOVERY OF UNDER UTILIZED TRANSFORMER - TE 4553	BW		
14	NOV 94 89-6980	FEEDS TO TV POWER SUPPLIES ADDED.	TC		
13	DEC 90 89-6812	TE 5114 ADDED TO ASHLEY CST. P.S.	AJL		
12	NOV 89-6812	TE 4945 ADDED AT 1670 JALNA BLVD.	RJT		
11	OCT 1989	PRIMARY FROM T.E. 4931 RELOCATED	J.S.		
10	OCT 1989	TE 4931 ADDED AT 1669 JALNA BLVD.	RJT		
9	OCT 1989	TE 4932 ADDED AT 1671 JALNA BLVD.	RJT		
8	JUNE 9-671	STREET LIGHTS ADDED	SR		
7	APRIL 1989	TE'S 4675, 4676, 4677, 4678 AND 4679 CHANGED FROM RED TO BLUE PHASE	BC	LC	
6	JAN 8-	TE 4702, 4703 & 4704 CHANGED TO 75 KVA	BWS		
5	JAN 8-	TE 4700 TO 4704 ADDED	BWS		
4	JAN 8-	RISER ADDED TO TE 4679	BWS		
3	SEPT 8-	TE 4675 TO TE 4679 ADDED	SR		
2	AUG 8-	MUN. NO.s REVISED LOTS 1-19 & 70-80	BWS	LC	
1	DEC 87	ST. LITE LOT 67 CHANGED TO LOT LINE 67-68	BWS		

THE PUBLIC UTILITIES COMMISSION
CITY OF LONDON

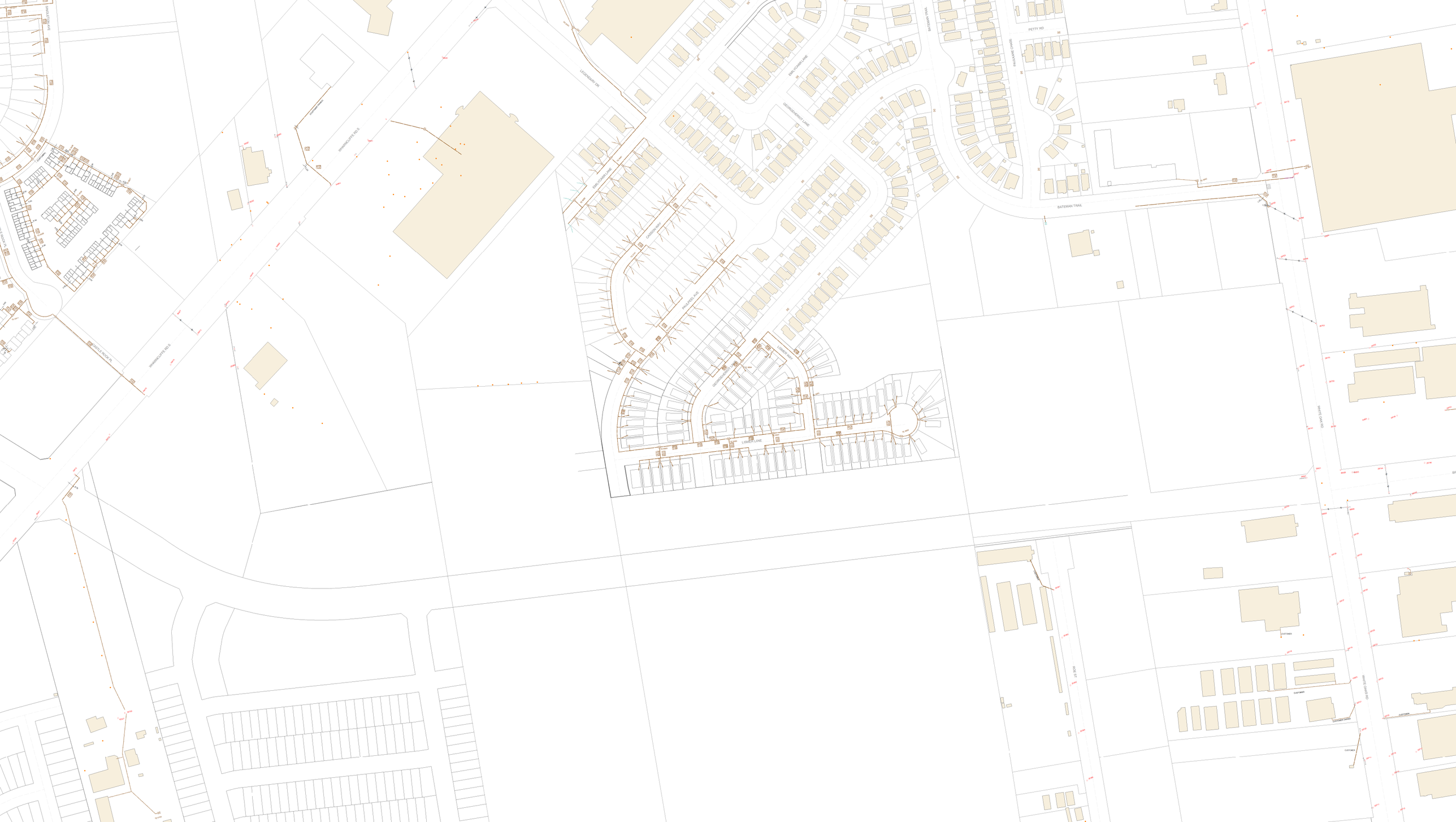
WHITE OAKS PHASE V

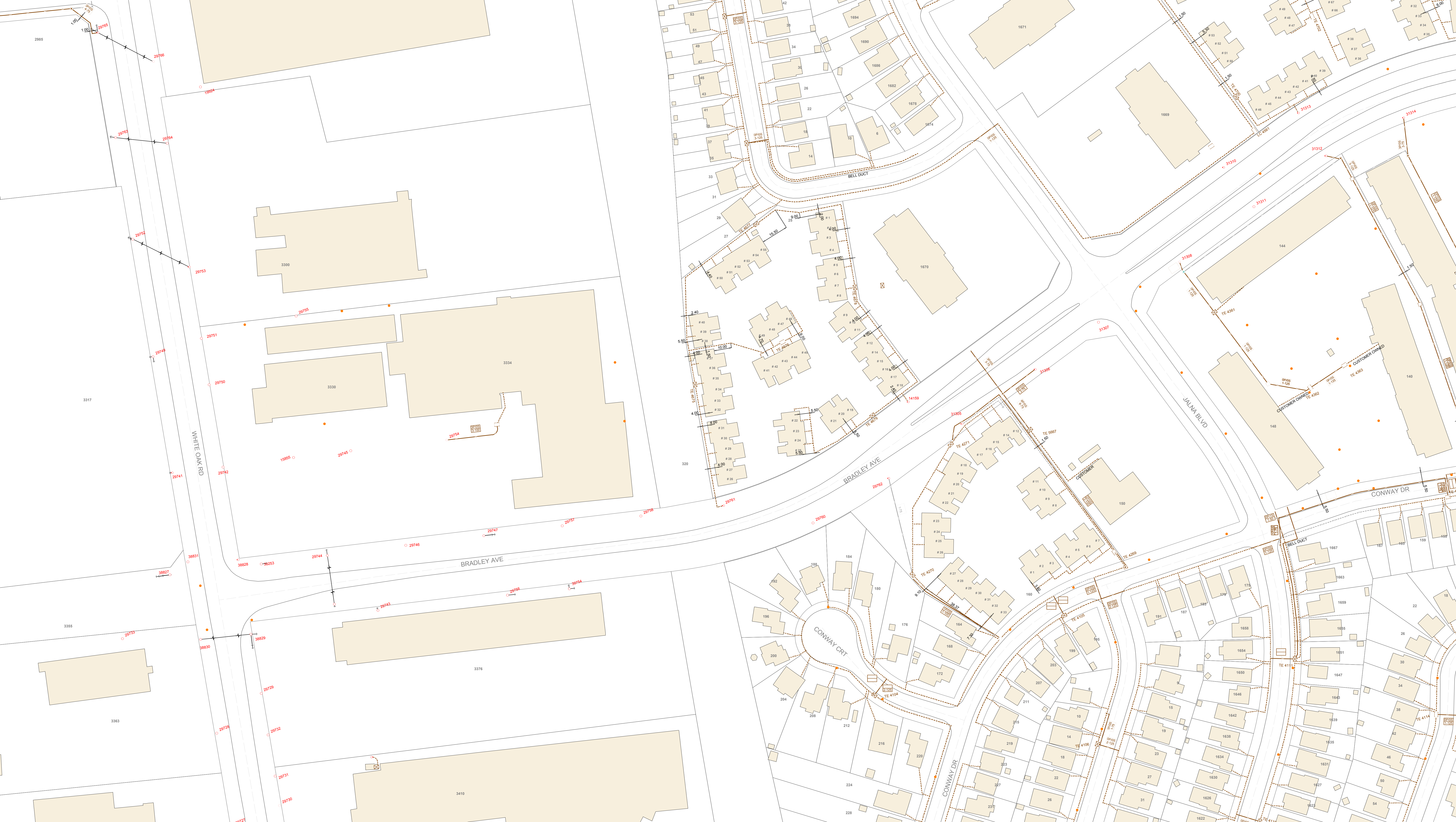
DESIGN	DRAWN	DATE	ORDER	SCALE
KAL	BWS	JUN. 28/88	8-6335	1" = 100'

CHECKED | APPROVED | DWG. UD 1021 SHT. 22



BRADLEY AVE W
MORGAN AVE
CASTLE ROCK PL
CASTLE ROCK PL
WHARNCLIFFE RD S
CUSTOMER
(CUSTOMER)
(CUSTOMER)
TE 8600
TE 8178
TE 8601
TE 8602
TE 8603
TE 8758
TE 8538
TE 8537
TE 9078
TE 9077
TE 9076
TE 8818
TE 8817
TE 8819
BLK 82
BLK 83
BLK 84
BLK 85
1200
1205
1210
1229
1240
1265
1297
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10330


WHARNCLIFFE RD S
WHARNCLIFFE RD S
CASTLEBROOK PL
LEGENDARY DR
EMLYCAIRN LANE
GEORGEHERBERT LANE
GIBSON WAY
PAULFIELD AVE
LINDEN LANE
LINDEN LANE
BATEMAN TRAIL
PETTY RD
PALMYRA OWNS
BATEMAN TRAIL
WHITE OAKS RD
WHITE OAKS RD
ROE ST
CUSTOMER
CUSTOMER
CUSTOMER
CUSTOMER



WHITE OAK RD
BRADLEY AVE
BRADLEY AVE
JALNA BLVD
CONWAY DR
CONWAY DR
CONWAY CRT
BELL DUCT
BELL DUCT
CUSTOMER OWNED
CUSTOMER OWNED
CUSTOMER
2985
3317
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LC 4561
TE 4104
TE 4105
TE 4106
TE 4111
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Shams, Aniqa

From: Lane, Paul <plane@sun-canadian.com>
Sent: Friday, November 16, 2018 8:36 AM
To: Dhalla, Faizan
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hello Dhalla,

Further to your inquiry re: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London, Sun-Canadian Pipe line company is CLEAR of the area, and we will NOT be involved in this Work.
Thank you for considering Sun-Canadian

Paul Lane CET
Property & Construction Technologist
plane@sun-canadian.com
905-538-9606 (new)

From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com]
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; Lane, Paul; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project.

Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.

Shams, Aniqa

From: Sinclair, Richard <Richard.Sinclair@Telecon.ca>
Sent: Friday, November 30, 2018 12:53 PM
To: Dhalla, Faizan
Subject: G186228_Bradley Avenue Extension-Wharncliffe Rd S to Jalna Boulevard
Attachments: G186228_Bradley Avenue Extension-Wharncliffe Rd S to Jalna Boulevard.dwg; G186228 _Bradley Avenue Extension-Wharncliffe Rd. S to Jalna Boulevard_Rogers Markup Response.pdf

Hi,

Please find attached completed markup request.

Thank you,

Richard Sinclair

CAD Technician, Engineering - Central Canada
Technicien CAO, Ingénierie - Centre du Canada

T 289 657-8152 **C** 647-883-2889
7777 Weston Rd, Vaughan (Ontario) L4L 0G9

telecon
design • build • connect

telecon.ca

On behalf of,

ROGERS

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. To assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

ROGERS

Rogers Communications
Outside Plant Engineering
800 York St
London, ON, N6A 5B1

Markup Response Form

Application Date	November 15, 2018	**Applicant:**	Wood Group PLC
Date Returned:	November 30, 2018		
Rogers Ref. No.:	G186228	**Applicant Job No.:**	N/A
Location:	Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard)		

Rogers Communications has reviewed your drawing(s) as requested and returns one marked-up copy.
Our comments follow below with an "X" indicating Rogers' stance on your proposed plan.

Comments:

☐	**No Conflict**	Rogers Communications currently does not possess existing plant in the area indicated on your attached plans.
☒	**No Conflict For your Reference**	Rogers Communications currently has existing plant as marked on your drawing. Our standard depth in this municipality is: **1m.** Please ensure you maintain clearances of 0.6m horizontally.
☐	**EXTREME CAUTION**	Use vactruck and expose ducts, maintain minimum of 0.6m clearance.
☐	**CONFLICT**	Your proposed construction appears to encroach within existing Rogers Communications plant. Please relocate your proposed construction to allow adequate clearance of 0.6m horizontally.
☒	**CAUTION**	Rogers Communications has aerial plant in this area, as it is indicated on the attached plans.
☒	**CAUTION**	Fiber Optic Cable is present in the area of your proposed construction.
☐	**Note**	Proposed Fiber Optic Cable in a joint use duct structure .
☐	**Note**	Plant currently under construction.
☒	**Note**	Please inform Rogers Communications well in advance of the proposed construction schedule in order to coordinate our plant relocation.
☒	**Note**	Locates are still required. Call for locates at 1-800-738-7893
☒	**Note**	Hand dig when crossing, or within 1.0m of existing Rogers plant.
☒	**Note**	Plant is to Approximation.

Richard Sinclair
Cad Technician
289 657-8152

November 30, 2018
DATE

Shams, Aniqa

From: PUCC Circulations GT <PUCC.circulations.GT@bell.ca>
Sent: Thursday, January 3, 2019 3:22 PM
To: Dhalla, Faizan
Subject: RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Follow Up Flag: Follow up
Flag Status: Flagged

Group Telecom has no existing facility in this area.

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: November-15-18 4:13 PM
To: cmartin@london.ca; Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC Circulations GT <PUCC.circulations.GT@bell.ca>; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility Circulations_external <Utility.Circulations@Zayo.com>; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

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Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.
If you **DO** have facilities within the study area:	Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached base-plan drawing; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings.

Shams, Aniqa

From: Verma, Krishan <Krishan.Verma@Telecon.ca>
Sent: Friday, January 11, 2019 2:23 PM
To: Dhalla, Faizan
Subject: MU 71662 - RE: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: MU 71662.dgn; MU 71662.dwg; MU 71662.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good Afternoon,
Please see the attached markup drawing and documents for the location requested

Krishan Verma
CAD Technician - MOC, Engineering - Central Canada
7777 Weston Road, 5th Floor | Vaughan, ON L4L 0G9
T: 289.657.8070| Krishan.verma@telecon.ca | www.telecon.ca

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Thursday, November 15, 2018 4:13 PM
To: cmartin@london.ca; MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; sshannon@london.ca
Subject: Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

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Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.

Bell Canada Municipal Operations Centre - C/O TELECON DESIGN INC.
7777 Weston Rd,
Vaughan, Ontario L4L 0G9
Ph: (905) 569-2882

APPLICATION FOR PLANT LOCATION AND CONSENT

Applicant: Woodplc
Mark Up #:71662
Applicant Ref #: N/A
Location: Bradley Ave from Wharncliffe Rd S to Jalna Blvd
SwitchingCenter/NNX: LONDON-SOUTHDALE/668
Date Received From Applicant: 2018-11-19
Marked By: KRISHAN VERMA

APPLICATION FOR PLANT LOCATION AND REQUEST

☑ **Existing and/or proposed Bell Canada underground plant are indicated on the attached plan**

☐ **Our records show no existing and / or proposed underground plant within 2m of your proposed installation**

☐ **Conflict indicated**

☐ **Meets with our approval**

☑ **Not for PUCC approval - Mark up only**

☐ **If within 1 metre of Bell plant, hand dig**

REMARKS: Call for locates 1.800.400.2255. Tie-in measurements are a guideline only and physical verification may be required by applicant to determine the true separation between plants. Maintain clearance of 0.6m. Hand dig when crossing Bell plant.

PROCEDURES TO FOLLOW:

1. **Request locates prior to construction 1-800-400-2255**
2. **If exact location and depth are critical - test pits are recommended**
3. **Bell Canada plant location information is approximate**
4. **If the location of your proposed design changes, it will be necessary to re-apply**
5. **Permits expire six(6) months from approval date**

Signature:
KRISHAN VERMA
_____

Date:
January 11, 2019
_____

Minutes

Date:	March 26, 2019
File #:	TPB186089
Meeting Date & Time:	March 6, 2019 10:00 AM
Meeting at:	City of London – 9th Floor CAM Board Room
Subject:	Bradley Avenue Extension: To discuss the project relative to the Environmental Impact Study Terms of Reference and path forward

Attendees:

Ted Koza (TK), City of London
Jiten Patel (JP), City of London
Adrienne Sones (AS), City of London
Brent Verscheure (BV), UTRCA
Mark Snowsell (MS), UTRCA
Christine Creighton (CC), UTRCA
Melissa Torchia (MT), Wood
Felix Wong (FW), Wood

MATTERS DISCUSSED	ACTION BY:
1.0 Status Update on Overall Project	
a. FW provided an overall status update on the project, which is currently at 30% design phase. FW noted that the intention of this meeting was to discuss the property identified as 284 Exeter Road (herein after referred to as the parcel) where no permission to enter access has been granted to date, and how that will affect the overall project deliverables and schedule.	**INFO**
2.0 Property Acquisition and Permission to Enter Status Update	
a. TK noted that they will likely need to go through expropriation for the parcel as the owner has not cooperated in providing access. TK noted that the expropriation process has not begun to date, but property requirement drawings for permanent and temporary requirements have been received from Wood E&IS and are with their property acquisitions department.	**INFO**
3.0 Environmental Impact Study Field Program Status and Discussion	
a. MT provided a brief overview of the TOR scope for the EIS, which has previously been discussed with James MacKay (City of London Ecologist) and	**INFO**

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Wood within five (5) business days of issue and confirmed in writing.

201 King Street, 4th Floor
London, ON N6A 1C9
+1 519 681 2400
www.woodplc.com

Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited
Registered office: 2020 Winston Park Drive, Suite 700, Oakville, Ontario L6H 6X7
Registered in Canada No. 773289-9; GST: 899879050 RT0008; DUNS: 25-362-6642

MATTERS DISCUSSED	ACTION BY:
UTRCA at the initial ecology meeting held on September 24, 2018. A follow up teleconference was shared with JM and TK to discuss the scope of the EIS relative to the parcel and access restrictions for field surveys. MT noted that during the discussion it was thought to collect as much field survey data from the fence line, and provide assumptions for the natural heritage features within the parcel. More specifically, that features would just be considered significant (i.e., significant woodland, wetland etc.).	
b. TK noted that construction for the Bradley Avenue Extension is not anticipated until 2021. MT noted that this timeline may allow for missed field work to be completed in 2020 to cover off any gaps once property access was granted following the expropriation process.	**INFO**
c. FW noted that expropriation may take up to one year, but could go as long as two depending on the negotiation process.	**INFO**
d. MS and CC were in general agreement about the assumption approach with the identification of features as significant if access to the property could not be obtained, but would look to JM at the City to provide guidance on EIS requirements and deliverable.	**INFO**
e. MS asked whether hydrogeological work would be required for the parcel based on the creek system that runs through it. FW noted that depending on the geotechnical investigations it might identify hydrogeological requirements. FW noted, that similar to natural heritage investigations, those additional investigations for the project (e.g., geotechnical) would not be able to be provided until access was granted. FW to follow up with Wood geotechnical staff to gauge their opinion on proposed plans for their investigations without access to this parcel. FW to send borehole layout to City for review.	**Wood E&IS**
f. AS noted that some information may be available from the private development submissions for parcels to the west and perhaps even from the north side, for both geotechnical, hydrogeological and natural heritage. AS to follow up to find out if that information can be shared with Wood.	**City**
g. Due to access restrictions, it was discussed by all to perhaps gain additional access to the property to the south and east of the parcel. FW to look into PTE access for those parcels.	**Wood E&IS**
h. Relative to the EIS review, MS noted they would refer to JM from the City as the main voice for the project in providing guidance for how the scoped EIS would move forward. CC noted that as this project has already gone through the EA process, their commenting would largely focus on permitting as part	**INFO**

MATTERS DISCUSSED	ACTION BY:
of construction. MS noted they would be secondary reviewer for the EIS and reiterated that a permit would be required for this project.	
i. MT asked about tree inventory requirements as part of the permit. MS noted that that would fall back on the City and City By-law requirements for tree removal and compensation requirements. MS asked whether the City had locations planned for compensation. TK noted not off hand and that there is a potential to perhaps use the north end of the parcel for future compensation. AS noted that the future development to the north west of the parcel will likely need some sort of drainage feature or spillway to connect to the existing SWM pond so essentially that block could be a potential location for compensation. More details on compensation to be discussed internally at the City.	**INFO**
j. Based on overall discussions, MT noted she would revise the existing TOR for the EIS and put in assumptions for significance where warranted due to access restrictions. This new scoped EIS would be discussed with JM for approval. Once James has provided approval, MT will share with UTRCA for information purposes.	**Wood E&IS**
k. TK asked about scheduling. MT noted that the only issue with assumptions is potential permit constraints with MNRF (e.g., identifying SAR bats). MT noted that as construction is not expected until 2021, Wood E&IS could complete some of the baseline work in 2019, with follow up mobilization in 2020, or Wood E&IS could push the entire field season scope to 2020 when property access was granted. TK noted that he did not prefer to post-pone all field work in 2020, but would like some of the work to begin in 2019. This strategy was to be discussed further with JM.	**INFO**
4.0 Next Steps	
a. Wood E&IS to prepare a revised Terms of Reference with proposed plan for EIS and re-submit that to the City of London and UTRCA for review.	**Wood E&IS**
5.0 Follow-up Discussion with James MacKay (JM) (Ecologist City of London)	
a. JM met with Wood E&IS and TK/JP (City) to go over discussions held earlier in the day with UTRCA and firm up the path forward.	**INFO**
b. JM noted that there were some recent changes to the City's Official Plan, and that Wood E&IS should review those updated items. Specifically making reference to Section 53.3.3.	**INFO**
c. Due to access constraints it was decided that anuran call and breeding bird call surveys would be completed in 2019 from the fence line. Wetland delineation and botanicals would be done to the extent possible from the fence line and aerial interpretation. All additional work, inclusive of botanical	**INFO**

MATTERS DISCUSSED	ACTION BY:
surveys, tree inventory and aquatic work was to hold off until 2020 field season, which by then hopefully property access is acquired.	
d. The main issue forecasted is compensation area for loss of existing features already confirmed which includes significant woodlands. The City to have internal discussions to identify a location suitable for compensation purposes that will mitigate form and function of the existing feature.	**City**
e. JM to looking into the possibility of providing Wood E&IS with additional details from Biologic and the City's Ecologist whom had access to the parcel some years ago. Although the data may be old, it still may provide some insight to existing features and perhaps some knowledge of SAR botanicals (if any).	**City**
f. It was agreed with JM that timing should not be an issue, if work was split between 2019 and 2020 field season.	**INFO**
g. JM was in agreement for a revised TOR submission to highlight this change in scope and path forward for the project.	**INFO**

Meeting Minutes prepared by:

Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited

Per: Melissa Torchia, M.A.Sc., CAN-CISEC
Senior Environmental Specialist

Encl.
BD/bd

Shams, Aniqa

From: Quinten Wilson <quinten.wilson@execulinktelecom.ca>
Sent: Friday, July 19, 2019 2:17 PM
To: Dhalla, Faizan
Cc: Jeff Soetemans
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hello
Execulink Telecom does not have any facilities in this area.

Thank you,

Quinten

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; Jeff Soetemans <Jeff.Soetemans@execulinktelecom.ca>; Quinten Wilson <quinten.wilson@execulinktelecom.ca>; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. We are currently at the detailed design stage and to assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

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Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.

Shams, Aniqa

From: jim.walker@HydroOne.com
Sent: Friday, July 19, 2019 2:53 PM
To: Dhalla, Faizan
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hi Faizan,
I am responsible to maintain the 230KV Hydro One underground cable that runs primarily along Dundas and Oxford streets. I can only answer, you are clear from the 230 KV cable.
Regards

Jim Walker
UTS II- Buchanan Electrical Maintenance
Buchanan TS, SW1

Hydro One Networks Inc.
850 Pond Mills Rd.
London Ontario N5Z 4R2
Office 519-649-3664
Cell 519-476-0596
Fax519-649-3650
Email: jim.walker@HydroOne.com

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email

---

From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com]
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; WALKER Jim; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix; Gurukar, Anurita; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

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To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix; Gurukar, Anurita; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Avenue-Utility Markup Base Plan.pdf; Aerial-Bradley Avenue (Wharncliffe to Jalna).JPG

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Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.
If you **DO** have facilities within the study area:	Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached base-plan drawing; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings.

If you **PLAN TO** have facilities, or are modifying existing facilities within the study area:	Kindly provide us with details regarding proposed location, sizing and type of facilities in one or more the following formats: • Mark-ups on the attached base-plan; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings. Please be sure to indicate that these are for future installations and, if known, please provide timelines for implementation.

Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this process is greatly appreciated, and we will assist in any way possible.

If this project falls under the jurisdiction of another representative of your office, please forward this email to them, and advise us at your earliest convenience.

Included in this circulation are the following utilities. If you know of any others that we may have missed for this area, we would really appreciate it if you could please advise us.

- Bell Canada
- Bell Canada/GT Service Bureau
- London Hydro
- Rogers Communications
- Union Gas
- Execulink Telecom
- Hydro One
- London District Energy (Formerly Core Energy)
- Telus Communications
- Zayo (Formerly Allstream)
- Imperial Oil-Sarnia Products Pipeline
- Sun Canadian Pipeline
- Natural Resources Gas Limited
- Start Communications

Please respond to this email by **August 2'nd 2019** for us to continue moving forward with confirmation of conflicts and if required, the relocation process.

Thank You,

Faizan Dhalla, EIT
Transportation Designer
3450 Harvester Road, Suite 100
Burlington, ON, Canada L7N 3W5
Direct: +1 (905) 335 2353 x3184
VOIP: #710-3184
faizan.dhalla@woodplc.com
www.woodplc.com

Shams, Aniqa

From: Roderick Crichton <Roderick.Crichton@enwave.com>
Sent: Friday, July 19, 2019 2:28 PM
To: Dhalla, Faizan
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hi Faizan,

London District Energy has no infrastructure in the area you're working in.

Thanks,

Rod

Rod Crichton
Chief Engineer
London District Energy
P: 519-432-5066
M: 519-520-5897
Roderick.crichton@enwave.ca
www.enwave.com

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick Crichton <Roderick.Crichton@enwave.com>; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

[External Email]

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Shams, Aniqa

From: Mailbox, GisTechnician <gistechnician@londonhydro.com>
Sent: Monday, July 22, 2019 8:39 AM
To: Dhalla, Faizan
Subject: Re: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Hello,

I just wanted to add the depth of the trench that runs across the proposed road (Bradley at Wharncliffe) is 1.1M

CB

On Mon, 22 Jul 2019 at 08:35, Mailbox, GisTechnician <gistechnician@londonhydro.com> wrote:

> Hello Faizan,
>
> We currently do not have any drawings for this requested area, but I have taken a few clips from our GIS system for your reference.
>
> Have a great day.
>
> CB
>
> On Fri, 19 Jul 2019 at 14:16, Dhalla, Faizan <faizan.dhalla@woodplc.com> wrote:
>
> > Good Afternoon All,
> >
> > Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. We are currently at the detailed design stage and to assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.
> >
> > We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project area.
> >
> > Could you kindly provide the following:

Shams, Aniqa

From: Mailbox, GisTechnician <gistechnician@londonhydro.com>
Sent: Monday, July 22, 2019 8:36 AM
To: Dhalla, Faizan
Subject: Re: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: 2.pdf; 1.pdf; 3.pdf

Hello Faizan,

We currently do not have any drawings for this requested area, but I have taken a few clips from our GIS system for your reference.

Have a great day.

CB

On Fri, 19 Jul 2019 at 14:16, Dhalla, Faizan <faizan.dhalla@woodplc.com> wrote:

> Good Afternoon All,
>
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>
> Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.


WHARF ST
EMILY CARR LANE
LIONEL LANE
MORGAN AVE
BRIDGE AVE


EMILY CARR LANE
LISMER LANE
GEORGE HERON LANE
LISMER LANE
LISMER LANE
ROYS ST


BRADLEY AVE
WHITE OAKS RD
ROE ST
CONWAY CRT
CONWAY DR
CONWAY LANE
TE 8692
TE 4675
TE 4676
TE 4678
TE 4679
TE 5667
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TE 4270
TE 4269
TE 4105
TE 4104
TE 4106
TE 4103
TE 4107
TE 4102
CUSTOMER
3317
3355
3300
3330
3334
3376
3363
3397
3410
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20393

Shams, Aniqa

From: LondDrafting <LondDrafting@enbridge.com>
Sent: Tuesday, July 23, 2019 11:50 AM
To: Dhalla, Faizan
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Ave, London 1to2 As-Built.pdf

Hello,

Please see the attached as builds for the requested area on Bradley Ave, London.

Thanks,

Laura Butler
Drafter/Estimator | London District
-
ENBRIDGE GAS INC. OPERATING AS UNION GAS
Tel:519-667-4100 ext.5153469 | LAButler@uniongas.com
109 Commissioners Rd W, London ON N6P 4P1
Integrity. Safety. Respect.

From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com]
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; LondDrafting; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix; Gurukar, Anurita; tkoza@london.ca
Subject: [External] Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

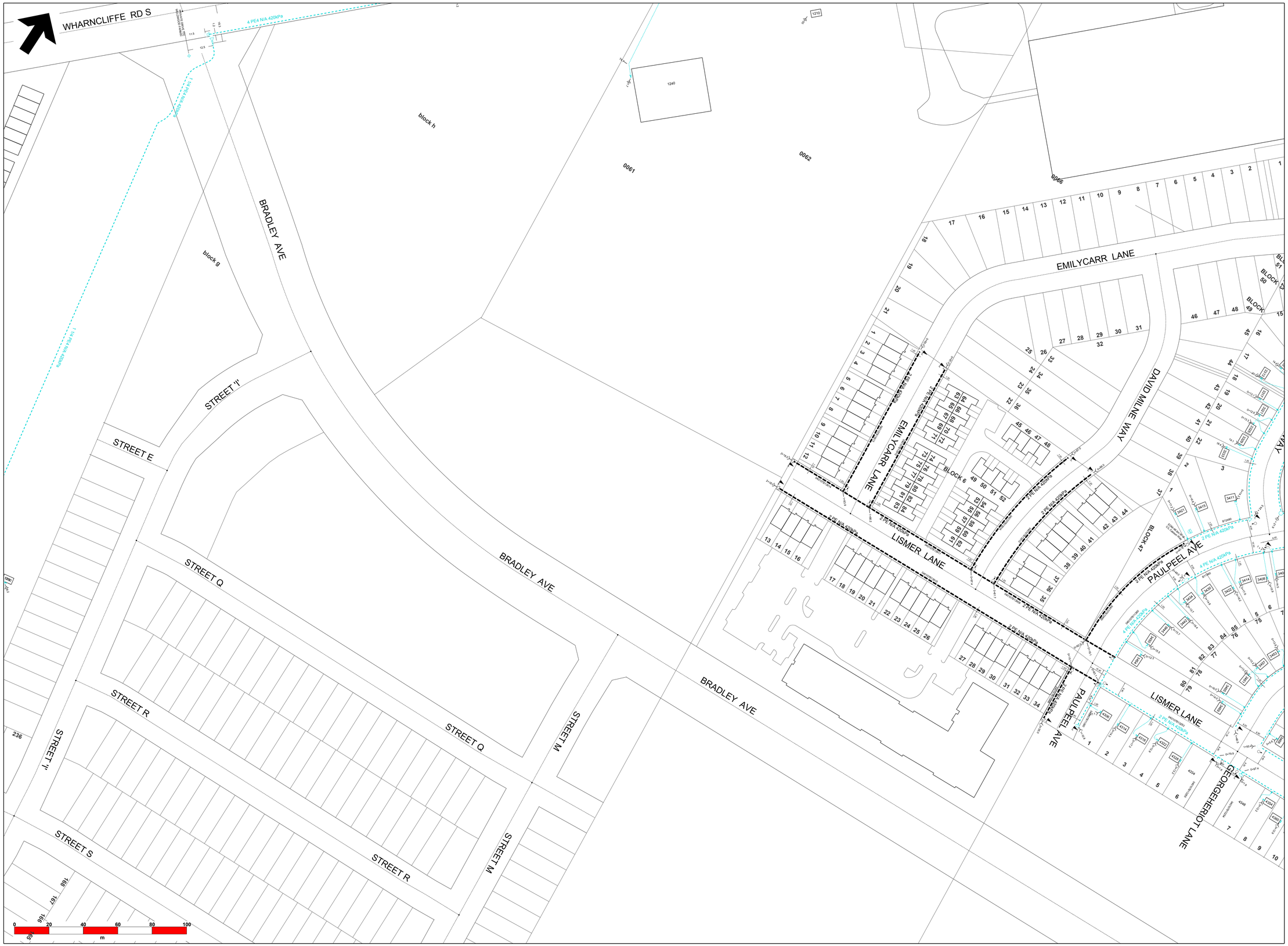
EXTERNAL: PLEASE PROCEED WITH CAUTION.
This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe.

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Could you kindly provide the following:



ENBRIDGE

- NOTICE -
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
ONTARIO ONE CALL MUST BE CONTACTED FOR A NEW LINE LOCATE BEFORE EXCAVATION

1-800-400-2255

8225-2009/04

THE LOCATION OF ENBRIDGE FACILITIES ON THIS DRAWING IS APPROXIMATE AND IS TO BE USED FOR INFORMATION PURPOSES ONLY. ENBRIDGE RE- AFFIRMS THAT THIS DRAWING SHOULD NOT BE RELIED UPON TO DETERMINE THE LOCATION OF ANY OF ENBRIDGE FACILITIES. EXACT LOCATES CAN BE DETERMINED BY CALLING ONTARIO ONE CALL 1-800-400-2255

SOURCE DOCUMENT INFORMATION

Qualified Individual:	Pipeline Certificate No:
Welder / Fuser:	Ticket Number:
In-Service Date:	G-Tech Update By: Date:
Design Pressure:	Test Medium:
Testing Time On:	Pressure:
Testing Time Off:	Pressure:

REVISIONS

Date	By	App'd	Remarks

ENBRIDGE

AS - BUILT

Title :
BRADLEY AVE, LONDON

Description :
AS BUILT FOR BRADLEY AVE INBETWEEN WHARNCLIFFE RD S AND WHITE OAK RD, LONDON.

Project # :	CARS Ref # :	% SMYS :
District : LONDON	Municipality : LONDON	Authorized:
Drawn By : LABUTLER	Date Drawn : 2019/06/26	Corrosion:
Scale : 1:1000	GTech # : JOBNO36942	Drawing Number 1 OF 2



- NOTICE -
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY.
ONTARIO ONE CALL MUST BE CONTACTED FOR A NEW LINE LOCATE BEFORE EXCAVATION

1-800-400-2255

8225-2009/04

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SOURCE DOCUMENT INFORMATION

Qualified Individual:	Pipeline Certificate No:
Welder / Fuser:	Ticket Number:
In-Service Date:	G-Tech Update By: Date:
Testing: Design Pressure:	Test Medium:
Time On:	Pressure:
Time Off:	Pressure:

REVISIONS

Date	By	App'd	Remarks

ENBRIDGE

AS - BUILT

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Description :

AS BUILT FOR BRADLEY AVE INBETWEEN WHARNCLIFFE RD S AND WHITE OAK RD, LONDON.

Project # :	CARS Ref # :	% SMYS :
District : LONDON	Municipality : LONDON	Authorized:
Drawn By : LABUTLER	Date Drawn : 2019/06/26	Corrosion:
Scale : 1:1000	GTech # : JOBNO36942	Drawing Number 2 OF 2

Shams, Aniqa

From: Telus Utility Markups <telusutilitymarkups@Telecon.ca>
Sent: Tuesday, July 23, 2019 11:02 AM
To: Dhalla, Faizan
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London Telus 2019-4723

TELUS has no infrastructure in the area of your proposed work. Permit expires six(6) months from approval date.

Indira Sharma
Project Support
289-657-8256
7777 Weston Road
Vaughan, ON L4L 0G9

telecon
design • build • connect

www.telecon.ca

WE MOVED! Please update your records with our new address:
7777 Weston Road Vaughan, ON L4L 0G9

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Friday, July 19, 2019 2:11 PM
To: MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

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Shams, Aniqa

From: Nejadtaghi, Roya <Roya.Nejadtaghi@Telecon.ca>
Sent: Thursday, July 25, 2019 2:21 PM
To: Dhalla, Faizan
Subject: G194675_Bradly Ave
Attachments: G194675_Bradly Ave_Rogers Markup Letter.pdf; G194675_Bradly Ave.dwg

Hi,

Please find attached completed markup request.

***** Please use "REGEN" command for proper line style *****

Thank you.

Regards,

Roya Nejadtaghi

CAD Technician, Engineering - Central Canada
Technicien CAO, Ingénierie - Centre du Canada

T 289-657-8020
7777 Weston Rd, Woodbridge (Ontario) L4L 0G9

telecon
design · build · connect

telecon.ca

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Friday, July 19, 2019 2:11 PM
To: MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

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ROGERS

Rogers Communications
Outside Plant Engineering
800 York St
London, ON, N6A 5B1

Markup Response Form

Application Date	July 19, 2019	**Applicant:**	Wood
Date Returned:	July 25, 2019		
Rogers Ref. No.:	G194675	**Applicant Job No.:**	N/A
Location:	Bradly Ave		

Rogers Communications has reviewed your drawing(s) as requested and returns one marked-up copy.
Our comments follow below with an "X" indicating Rogers' stance on your proposed plan.

Comments:

☐	**No Conflict**	Rogers Communications currently does not possess existing plant in the area indicated on your attached plans.
☒	**No Conflict For your Reference**	Rogers Communications currently has existing plant as marked on your drawing. Our standard depth in this municipality is: **1m.** Please ensure you maintain clearances of 0.3m vertically and 0.6m horizontally.
☐	**EXTREME CAUTION**	Use vactruck and expose ducts, maintain minimum of 0.6m clearance.
☐	**CONFLICT**	Your proposed construction appears to encroach within existing Rogers Communications plant. Please relocate your proposed construction to allow adequate clearance of 0.3 m vertically and 1 m horizontally.
☒	**CAUTION**	Rogers Communications has aerial plant in this area, as it is indicated on the attached plans.
☒	**CAUTION**	Fiber Optic Cable is present in the area of your proposed construction.
☐	**Note**	Proposed Fiber Optic Cable in a joint use duct structure .
☒	**Note**	Plant currently under construction.
☒	**Note**	Please inform Rogers Communications well in advance of the proposed construction schedule in order to coordinate our plant relocation.
☒	**Note**	Locates are still required. Call for locates at 1-800-738-7893
☒	**Note**	Hand dig when crossing, or within 1.0m of existing Rogers plant.
☒	**Note**	Plant is to Approximation.

Roya Nejadtaghi
CAD Tech
289-657-8020

July 25, 2019
DATE

Shams, Aniqa

From: caroline.rysyk@zayo.com on behalf of Utility Circulations <utility.circulations@zayo.com>
Sent: Friday, August 2, 2019 10:29 AM
To: Dhalla, Faizan
Subject: Re: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Morning,

Zayo has no existing plant in the area indicated in your submission. No markup and no objection. Thank you.

Utility Circulations

Caroline Rysyk

On Fri, 19 Jul 2019 at 14:16, Dhalla, Faizan <faizan.dhalla@woodplc.com> wrote:

> Good Afternoon All,
>
> Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. We are currently at the detailed design stage and to assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.
>
> We are requesting details related to existing and/or proposed utility infrastructure within the project limits. This information will be used to ensure that any impacts to utility infrastructure are clearly identified and accounted for during the utility relocation process. Attached is a PDF of the base plan drawing for Utility Markups as well as an aerial-view map for the above noted project area.
>
> Could you kindly provide the following:
>
> | | |
> |---|---|
> | If you **DO NOT** have facilities within the study area: | Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area. |

Shams, Aniqa

From: Robinson, Brenda /C <brenda.robinson@esso.ca>
Sent: Tuesday, August 6, 2019 9:04 AM
To: Dhalla, Faizan
Subject: FW: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Avenue-Utility Markup Base Plan.pdf; Aerial-Bradley Avenue (Wharncliffe to Jalna).JPG

Good Morning
Thank you for forwarding your proposed works for our review. Imperial Oil confirms we do not have any pipeline(s) in the vicinity.
Best,
Brenda

Brenda Robinson
Contractor to Imperial
Canada Fuels Operations – Midstream Organization
100 Concession 5 East
Waterdown, Ontario L8B 1K5
Brenda.robinson@esso.ca P:289-391-0116
imperialoil.ca | Twitter | YouTube

From: Dhalla, Faizan [mailto:faizan.dhalla@woodplc.com]
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; MacCuaig, Hallie <hallie.maccuaig@esso.ca>; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

Wood has been retained by The City of London to complete the detailed design for the **Bradley Avenue Extension**, from Wharncliffe Road South to the West leg of Jalna Boulevard. We are currently at the detailed design stage and to assist in our review of utility infrastructure in the area, we request your assistance with definition of existing and proposed utility infrastructure.

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Could you kindly provide the following:

Shams, Aniqa

From: Zhorabayev, Sanzhar <Sanzhar.Zhorabayev@Telecon.ca>
Sent: Wednesday, August 14, 2019 2:10 PM
To: Dhalla, Faizan
Subject: RE: MU 78586 Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: MU 78586.dgn; MU 78586.dwg; MU 78586.pdf

Hello,
Please see the attached markup drawings and document for the requested location.

Thank You,
Sanzhar Zhorabayev

Technicien CAD, Ingénierie - Centre du Canada
CAD Technician - MOC, Engineering - Central Canada

T : 289.657.8145
7777 Weston Road Vaughan, ON L4L 0G9

telecon
design · build · connect

telecon.ca

From: Dhalla, Faizan <faizan.dhalla@woodplc.com>
Sent: Friday, July 19, 2019 2:11 PM
To: MOC (Bell) <bell.moc@Telecon.ca>; gistechnician@londonhydro.com; Rogers.MOC <Rogers.MOC@telecon.ca>; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; Telus Utility Markups <telusutilitymarkups@Telecon.ca>; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Good Afternoon All,

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Bell Canada Municipal Operations Centre - C/O TELECON DESIGN INC.
7777 Weston Rd,
Vaughan, Ontario L4L 0G9
Ph: (905) 569-2882

APPLICATION FOR PLANT LOCATION AND CONSENT

Applicant: Woodplc
Mark Up #:78586
Applicant Ref #: N/A
Location: Bradley Ave from Wharncliffe Rd to Jalna Blvd
SwitchingCenter/NNX: LONDON-SOUTHDALE/668
Date Received From Applicant: 2019-07-19
Marked By: Sanzhar Zhorabayev

APPLICATION FOR PLANT LOCATION AND REQUEST

- [x] **Existing and/or proposed Bell Canada underground plant are indicated on the attached plan**
- [ ] **Our records show no existing and / or proposed underground plant within 2m of your proposed installation**
- [ ] **Conflict indicated**
- [ ] **Meets with our approval**
- [x] **Not for PUCC approval - Mark up only**
- [ ] **If within 1 metre of Bell plant, hand dig**

REMARKS:
Call for locates 1.800.400.2255. Tie-in measurements are a guideline only and physical verification may be required by applicant to determine the true separation between plants. Maintain clearance of 0.6m. Hand dig when crossing Bell plant.

PROCEDURES TO FOLLOW:

1. **Request locates prior to construction 1-800-400-2255**
2. **If exact location and depth are critical - test pits are recommended**
3. **Bell Canada plant location information is approximate**
4. **If the location of your proposed design changes, it will be necessary to re-apply**
5. **Permits expire six(6) months from approval date**

Signature:	Date:
Sanzhar Zhorabayev	August 14,2019
_____	_____

Shams, Aniqa

From: Gurukar, Anurita
Sent: Tuesday, September 24, 2019 1:17 PM
To: PUCC.circulations.GT@bell.ca
Cc: Wong, Felix; tkoza@london.ca; Dhalla, Faizan
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Diego,

As discussed on the phone, you have confirmed that Bell Canada/Group Telecom Service Bureau has no utilities in the project corridor.

Anurita Gurukar
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

wood.

From: Dhalla, Faizan
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

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Could you kindly provide the following:

Shams, Aniqa

From: Gurukar, Anurita
Sent: Tuesday, September 24, 2019 1:27 PM
To: bob.nesbitt@nrgas.on.ca
Cc: Wong, Felix; tkoza@london.ca; Dhalla, Faizan
Subject: FW: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Avenue-Utility Markup Base Plan.pdf; Aerial-Bradley Avenue (Wharncliffe to Jalna).JPG

Good afternoon Bob,
I am following up with you with regards to the email below. Could you please respond back at your earliest convenience or give me a call and confirm if Natural Resources Gas Limited has any existing and/or proposed utility infrastructure within the project limits. Your immediate response to this matter will be truly appreciated.

Regards,
Anurita Gurukar
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

From: Dhalla, Faizan
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
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Could you kindly provide the following:

If you **DO NOT** have facilities within the study area:	Kindly respond to this email, EXPLICITLY stating that your utility/organization does not have facilities within the study area.
If you **DO** have facilities within the study area:	Kindly provide us with any additional/ revised details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached base-plan drawing; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings.
If you **PLAN TO** have facilities, or are modifying existing facilities within the study area:	Kindly provide us with details regarding proposed location, sizing and type of facilities in one or more the following formats: • Mark-ups on the attached base-plan; • **(Preferred)** AutoCAD, MicroStation or GIS drawings; or • Digital copies of facility design drawings. Please be sure to indicate that these are for future installations and, if known, please provide timelines for implementation.

Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this process is greatly appreciated, and we will assist in any way possible.

If this project falls under the jurisdiction of another representative of your office, please forward this email to them, and advise us at your earliest convenience.

Included in this circulation are the following utilities. If you know of any others that we may have missed for this area, we would really appreciate it if you could please advise us.

- Bell Canada
- Bell Canada/GT Service Bureau
- London Hydro
- Rogers Communications
- Union Gas
- Execulink Telecom
- Hydro One
- London District Energy (Formerly Core Energy)
- Telus Communications
- Zayo (Formerly Allstream)
- Imperial Oil-Sarnia Products Pipeline
- Sun Canadian Pipeline
- Natural Resources Gas Limited
- Start Communications

Please respond to this email by **August 2'nd 2019** for us to continue moving forward with confirmation of conflicts and if required, the relocation process.

Thank You,

Shams, Aniqa

From: Gurukar, Anurita
Sent: Wednesday, September 25, 2019 11:19 AM
To: mlerner@start.ca
Cc: rocca@start.ca; Koza, Ted; Wong, Felix; Dhalla, Faizan
Subject: FW: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: Bradley Avenue-Utility Markup Base Plan.pdf; Aerial-Bradley Avenue (Wharncliffe to Jalna).JPG

Marissa,
As discussed earlier today please see the email below that was sent in July 2019. Please feel free to contact us.
Regards,

Anurita Gurukar
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

From: Dhalla, Faizan
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com; jim.walker@hydroone.com; andrew.martin@hydroone.com; Roderick.Crichton@londonde.ca; sean.russell@londonde.ca; telusutilitymarkups@Telecon.ca; Utility.Circulations@Zayo.com; hallie.maccuaig@esso.ca; gavin.mcilwee@exxonmobile.com; plane@sun-canadian.com; bob.nesbitt@nrgas.on.ca; rocca@start.ca
Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
Subject: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

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- Hydro One
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- Telus Communications
- Zayo (Formerly Allstream)
- Imperial Oil-Sarnia Products Pipeline
- Sun Canadian Pipeline
- Natural Resources Gas Limited
- Start Communications

Please respond to this email by **August 2'nd 2019** for us to continue moving forward with confirmation of conflicts and if required, the relocation process.

Thank You,

Shams, Aniqa

From: Gurukar, Anurita
Sent: Thursday, January 9, 2020 11:59 AM
To: 'Bill Shewfelt'; 'Morissa Lerner-Palombo'
Cc: 'Patel, Jiten'; Wong, Felix
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London
Attachments: 2020.01.09 -Bradley Avenue-Preliminary Plan.dwg

Good morning Bill,

Wish you a very Happy New Year. As requested below, attached is the ACAD file. Please forward the ACAD or Microstation files with your proposed work.
Please note the attached plan is preliminary design only.

Thank you and Regards,

Anurita Gurukar, P.Eng
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

From: Gurukar, Anurita
Sent: Wednesday, September 25, 2019 12:42 PM
To: Bill Shewfelt <bshewfelt@start.ca>; Morissa Lerner-Palombo <mlerner@start.ca>
Cc: Koza, Ted <tkoza@London.ca>; Wong, Felix <felix.wong@woodplc.com>; Dhalla, Faizan <faizan.dhalla@woodplc.com>
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Thank you Bill. We will review the information below and get back to you.

Regards,

Anurita Gurukar
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

From: Bill Shewfelt <bshewfelt@start.ca>
Sent: Wednesday, September 25, 2019 12:15 PM
To: Morissa Lerner-Palombo <mlerner@start.ca>; Gurukar, Anurita <anurita.gurukar@woodplc.com>
Cc: Koza, Ted <tkoza@London.ca>; Wong, Felix <felix.wong@woodplc.com>; Dhalla, Faizan <faizan.dhalla@woodplc.com>
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Anurita – Yes we will be putting duct and vaults in as part of this project.
Below is a map of our existing and planned (this year) infrastructure.
Can you provide a cad drawing showing the limits of construction for this project?
When we have a better understanding of the scope we can give you a detailed drawing showing our requirements.
Please feel free to reach out if you have any questions.
Thanks,



Bill Shewfelt
Fibre Implementation Manager
519-963-1840 x8163

From: Morissa Lerner-Palombo
Sent: September 25, 2019 11:36 AM
To: Gurukar, Anurita <anurita.gurukar@woodplc.com>; Bill Shewfelt <bshewfelt@start.ca>
Cc: Peter Rocca <rocca@start.ca>; Koza, Ted <tkoza@London.ca>; Wong, Felix <felix.wong@woodplc.com>; Dhalla, Faizan <faizan.dhalla@woodplc.com>
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Thank you Anurita,

I have included Bill Shewfelt who is responsible for planning and maintaining our main trunk lines. I will discuss with him the project slated for 2021 and the possibility of adding conduit for Start.ca into the project as well as providing information as to where we currently are in the scope of this area.

Thanks,
MLP

Morissa Lerner-Palombo
Corporate Solutions Specialist
C: 519-860-6959

From: Gurukar, Anurita <anurita.gurukar@woodplc.com>
Sent: September 25, 2019 11:19 AM
To: Morissa Lerner-Palombo <mlerner@start.ca>
Cc: Peter Rocca <rocca@start.ca>; Koza, Ted <tkoza@London.ca>; Wong, Felix <felix.wong@woodplc.com>; Dhalla, Faizan <faizan.dhalla@woodplc.com>
Subject: FW: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Marissa,
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Regards,

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Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
anurita.gurukar@woodplc.com
www.woodplc.com

From: Dhalla, Faizan
Sent: Friday, July 19, 2019 2:11 PM
To: Bell.moc@telecon.ca; gistechnician@londonhydro.com; Rogers.moc@telecon.ca; londdrafting@enbridge.com; PUCC.circulations.GT@bell.ca; jeff.soetemans@execulink.com; quinten.wilson@execulink.com;

Shams, Aniqa

From: PUCC Circulations GT <PUCC.circulations.GT@bell.ca>
Sent: Wednesday, October 2, 2019 11:45 AM
To: Gurukar, Anurita
Subject: RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Yes for Group Telecom only.

From: Gurukar, Anurita <anurita.gurukar@woodplc.com>
Sent: September-24-19 1:17 PM
To: PUCC Circulations GT <PUCC.circulations.GT@bell.ca>
Cc: Wong, Felix <felix.wong@woodplc.com>; tkoza@london.ca; Dhalla, Faizan <faizan.dhalla@woodplc.com>
Subject: [EXT]RE: Request for Utilities-Bradley Avenue Extension (Wharncliffe Rd. South to Jalna Boulevard) - City of London

Diego,

As discussed on the phone, you have confirmed that Bell Canada/Group Telecom Service Bureau has no utilities in the project corridor.

Anurita Gurukar
Senior Transportation Engineer
Direct: +1 (647) 689 4928
Mobile: +1 (289)208 2438
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Cc: Wong, Felix <felix.wong@woodplc.com>; Gurukar, Anurita <anurita.gurukar@woodplc.com>; tkoza@london.ca
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