

Information Document – Public Notice

Radio Communication Tower Implementation Project at

Latitude: 43°36'54.36" N

Longitude: -79°37'35.94"W

December 3, 2019

Background

ALECTRA UTILITIES wishes to implement a radio communication tower and antenna system at 0 Forest Fire Lane, Mississauga, ON. The coverage objectives for this installation are as follows:

ALECTRA UTILITIES, the largest municipally owned Power Utility in the province requires this installation of 125' (38.10 m) monopole tower to accommodate network connectivity between the ALECTRA UTILITIES Control Centre and remote locations currently providing Distributed Automation and Distributed Generation to the customers of ALECTRA UTILITIES, in the Licensed 1.8 GHz frequency allocated by ISEDC. ALECTRA UTILITIES is working to ensure their organization has the infrastructure in place to respond in a very timely fashion to power outages for both the commercial and residential customers in the City of Mississauga.

The coverage objectives for this installation are as follows:

ALECTRA UTILITIES is experiencing significant service demands across its entire network. To meet this demand, ALECTRA UTILITIES continues to enhance its communication network for Distributed Automation Sites, providing greater levels of service and options for power restoration in and around the City of Mississauga. Extending the network of communications while removing legacy infrastructure, assures both residential and commercial customers of a timely power restoration process. During the site evaluation ALECTRA UTILITIES was unable to locate any existing tower with space capacity and access requirements in its pre-determined search area.

Evaluation of Existing Structures and Other Locations

ALECTRA UTILITIES makes every effort to locate tower sites where they will be the least visually obtrusive. Other potential site locations were evaluated and opportunity to co-locate onto existing structures was investigated. During its site evaluation, ALECTRA UTILITIES was unable to locate in its pre-determined search area, an existing tower with enough space capacity and access availability to install its equipment.

The Location of the Proposed Site

The geographical coordinates of the proposed site are:

Latitude, 43°36'54.36" N, Longitude, -79°37'35.94" W

Novanet Communications Limited on behalf of ALECTRA UTILITIES contacted a representative of the City of Mississauga to ensure they are aware of the proposed location. ALECTRA UTILITIES attests to the fact that the proposed site meets the corporation's technical criteria in their entirety, in addition to answering in an optimal way, the objectives of the coverage area.

We invite you to review **Annex 1** and **Annex 2** for additional site location information as well as **Annex 3** for visual simulations.

Description of the Equipment and Work Proposed

The proposed tower will be an unpainted 125' (38.10 m) monopole tower. The foundation will be designed to support the tower height of 125'. All fencing and/or landscaping around the monopole tower will comply with the City of Mississauga on the property. All access to the facility will remain the same through Alectra Utilities main access gate.

Health Canada's Safety Code 6 Compliance

Radio communication, including the technical aspects related to broadcasting and licensing, falls under the jurisdiction of **ISED**, which is mandated to establish standards, rules, policies and procedures. **ISED**, under this authority, has adopted Health Canada's Safety Code 6 exposure guidelines for the protection of the general public. As such, **ISED** requires all proponents and operators to ensure that their installations and apparatus comply with the Safety Code 6 at all times. The wireless communications facility described in this notice will be designed and installed to comply with Health Canada's Safety Code 6 exposure guidelines. Further information regarding Safety Code 6 is available on Health Canada's website at:

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/safety-code-6-health-canada-radiofrequency-exposure-guidelines-environmental-workplace-health-health-canada.html>

Transport Canada's Aeronautical Obstruction Marking Requirements

Aeronautical safety is under the exclusive jurisdiction of **NAV Canada** and **Transport Canada**. An important obligation of ALECTRA UTILITIES installations is to comply with **Transport Canada** and **NAV Canada's** aeronautical safety requirements. The radio antenna system described in this notice, will comply with **Transport Canada / NAV Canada** aeronautical safety requirements.

Respect of Engineering Codes and Principles

ALECTRA UTILITIES attests that all installations, work and structures, as part of the project mentioned herein, will be completed and erected in accordance with all applicable codes based on the highest standards of accepted engineering principles and construction practices.

Additional Information Regarding Antenna Structures

Additional information regarding antenna structures can be found at Innovation, Science and Economic Development Canada's website (<http://www.ic.gc.ca/towers>);

Telecommunication tower/antenna facilities are exclusively regulated by Federal legislation under the **Radiocommunication Act** and administered by Innovation, Science and Economic Development Canada. Therefore, Provincial legislation such as the **Planning Act**, including zoning by-laws, does not apply to these facilities. It is important to understand that **ISED**, while requiring proponent's to follow the City of Mississauga's Protocol for Consideration of Telecommunication Facilities, makes the final decision on whether or not a tower facility can be constructed. The City of Mississauga can only provide comments to **ISED**, and does not have the authority to stop the construction of a telecommunication tower/antenna facility. Additional information is available on the City of Mississauga's website titled Telecommunication Antenna/Tower Sitting Protocol:

http://www7.mississauga.ca/documents/pb/main/2018/TelecommunicationAntennaProtocol_June_2017.pdf

Contact for Member of Parliament

Mississauga East – Cooksville
Peter Fonseca
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Written comments should be submitted to:

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Contact Information for the City of Mississauga:

Michael Pebesma
Planning and Building Development
Development and Design Division
300 City Centre Drive
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905-615-3200 Ext 3502
Michael.pebesma@misissauga.ca

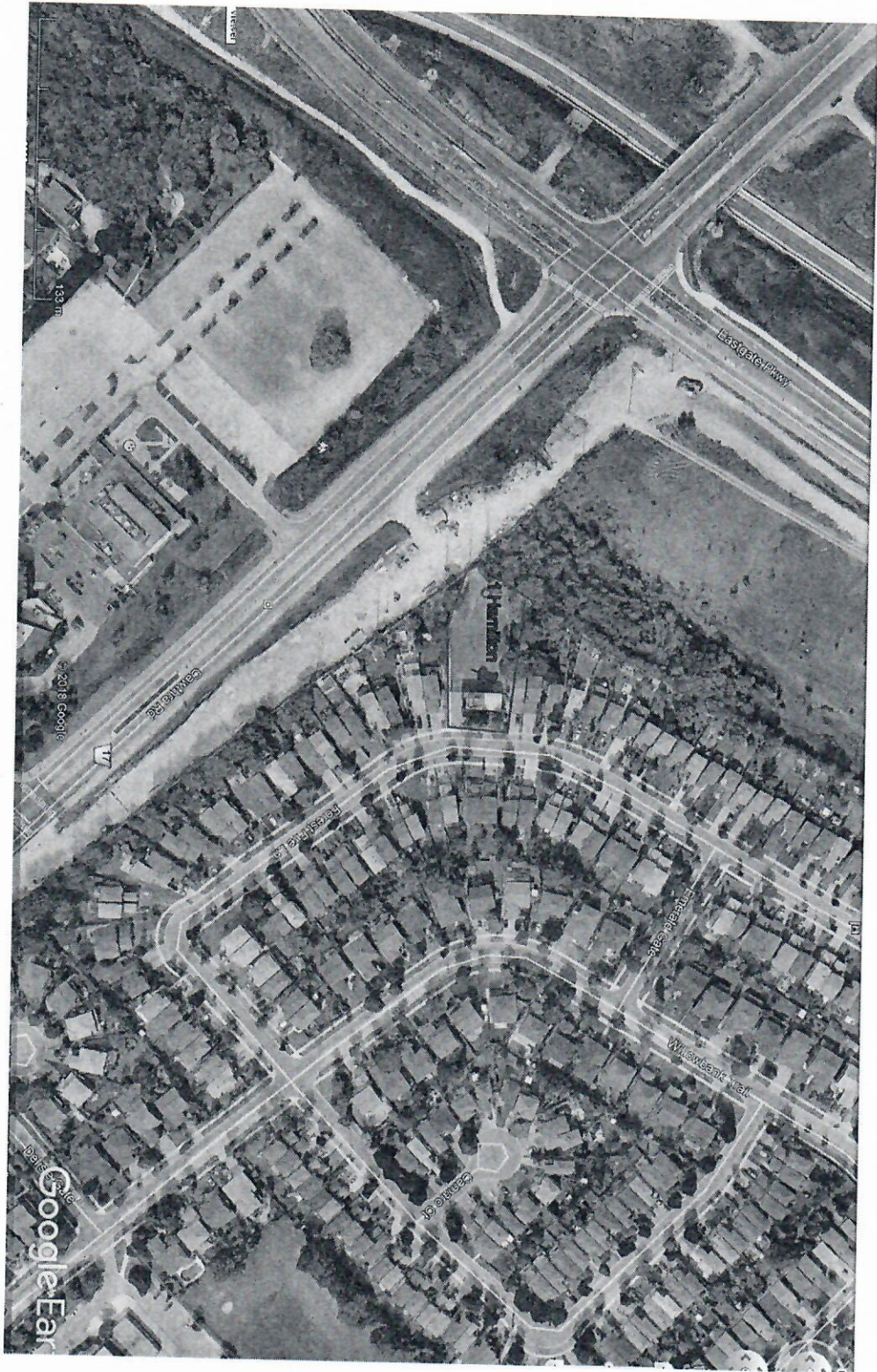
Contact Information for Innovation, Science and Economic Development Canada:

Innovation, Science and Economic Development Canada:
Central and Western Ontario District Office
Email: ic.spectrumcwod-spectredcoo.ic@canada.ca

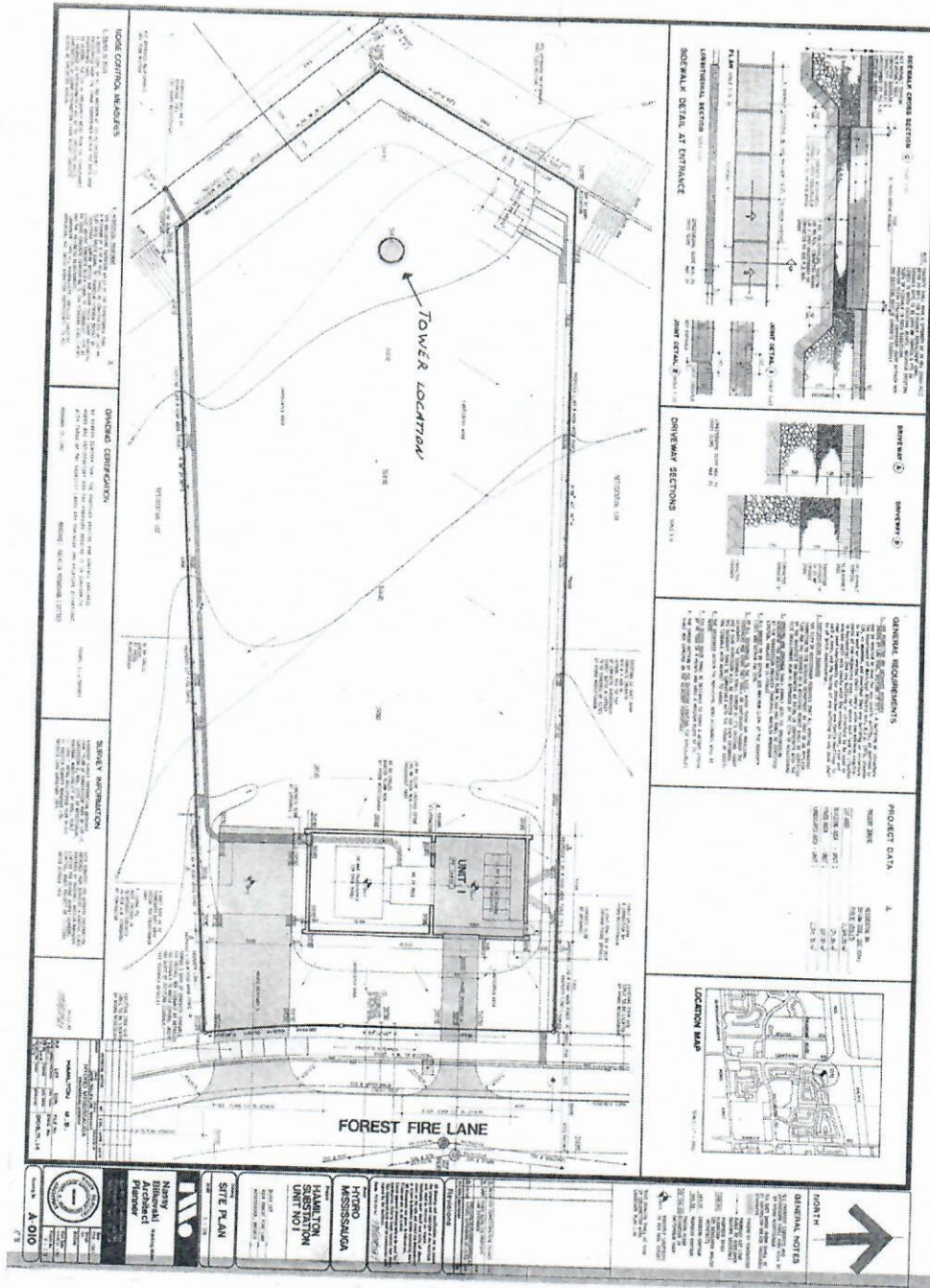
Please join us for a Public Information session which will be held on January 16th, 2020 at the Tomken Twin Arena located at 4495 Tomken Road in Mississauga, ON at 6:30- 8:30 pm.

Deadline for receipt of written comments is: January 30, 2020

Annex 1
Site Map



Annex 2 Site Plan Information



Annex 3

Visual Simulation of Tower

