

Notice Package

Proposed Tower

18 Wheeler Drive, Bolton, ON (43.856861, -79.727111)

Shared Tower Inc. File Number: STC0032 Town File Number: SPA 22-10T

In order to improve wireless network coverage and capacity in the vicinity of the Industrial area surrounding Coleraine Drive, Steward Logistics Inc., on behalf of our client, Shared Tower Inc., is proposing a new tower installation at 18 Wheeler Drive, Bolton, in the Town of Caledon.

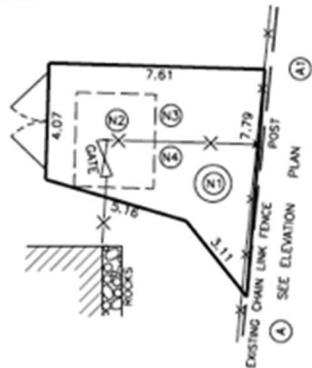
What Kind of Tower is Proposed?

A 40-metre monopole tower, to be located approximately 51.1m from the south property line on the subject property. A photo simulation of the proposed tower is shown in Appendix “A” of this notification package.

Compound Details

The tower within a vacant area adjacent of the existing property. The compound dimensions are shown in the below extract from the survey plan of the proposed installation. The cabinets supporting the tower will be collocated in the same area as the proposed tower. The compound will be surrounded by a 1.8m high chain link fence topped with barbed wire and surrounded by continuous shrubbery. More details of the site layout are shown in the survey plan in Appendix “B” of this document.

PROPOSED COMPOUND LAYOUT PLAN
SCALE 1:150



NOTES

- (N1) PROPOSED CIRCULAR STEEL MONOPOLE WITH FLUSH MOUNTED ANTENNAS WITH LIGHTNING PROTECTION SYSTEM. PAINT COLOUR SUBJECT TO NAV CANADA REQUIREMENTS. ANTENNA NUMBER AND LOCATIONS TO BE DETERMINED. FOUNDATION DESIGN PENDING SOIL REPORT.
- (N2) PROPOSED PREFABRICATED GALVANIZED STEEL WALK-IN RADIO EQUIPMENT CABINET (1.62mX2.44m), ON CONCRETE PAD. FOUNDATION DESIGN PENDING SOIL REPORT.
- (N3) UTILITY CONNECTION AND ROUTING TO BE DETERMINED BY QUALIFIED PERSONNEL IN CONSULTATION WITH LOCAL AUTHORITY.
- (N4) REMOVE EXISTING TOPSOIL, PROOF ROLL SUBGRADE AND PLACE 300 mm GRANULAR A ACROSS COMPOUND AREA. AND SLOPED AWAY FROM SHELTER AT MIN. 1% ON ALL SIDES TO PROVIDE ADEQUATE DRAINAGE.
- (N5) PROPOSED 1.8 m HIGH CHAIN LINK SECURITY FENCE, TOPPED WITH BARBED WIRE SURROUNDING COMPOUND.

Figure 1: Compound layout



Tower Location

Municipal address: 18 Wheeler Drive, Bolton, ON

Coordinates of tower compound: 43.856861, -79.727111

An aerial view of the tower and compound location is illustrated below.

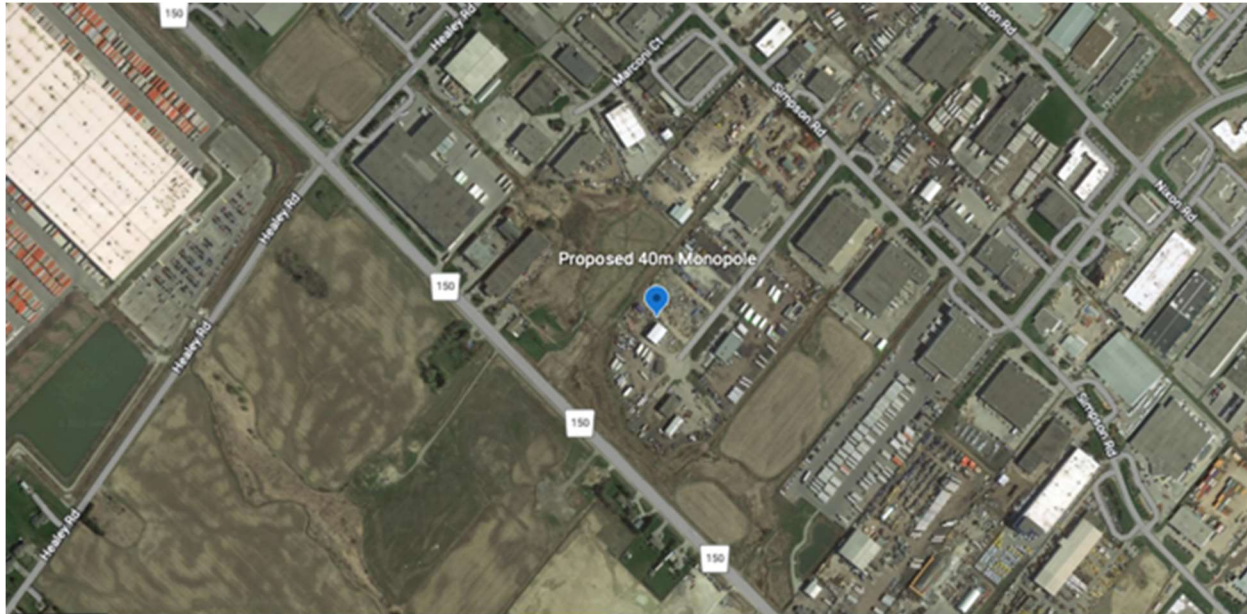


Figure 2: Tower location (illustrated by the blue marker)

Why is this installation needed?

The proposed installation is required to enhance wireless voice and data coverage and network capacity for the TeraGo network in the industrial area of 18 Wheeler Drive. In addition, the proposal will further boost cellular service for vehicle traffic along Coleraine Drive, in the surrounding of the subject property.

Near the proposed tower, there is a structure Northeast in the industrial park area. Other existing structures are located in the commercial plaza to the East of the proposed tower, and along Hwy 50 and Coleraine Drive to the North. The proposed tower will serve the immediate and surrounding industrial areas, including where the new Amazon Fulfillment Centre is located. The tower will enhance the current wireless broadband and fibre serviced in the area by bringing fibre to Wheeler Drive, which will in turn serve businesses on Coleraine Drive,

Currently there is no existing tower within area that can serve the areas to the West and South of Coleraine Dr., so no viable collocation opportunities are available. The proposed tower will be situated on a Prestige Industrial zoned property in the area and will ensure only one tower is required to support service for all wireless service providers.



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The map shown below illustrates the location of existing tower sites in the vicinity of the proposed tower.

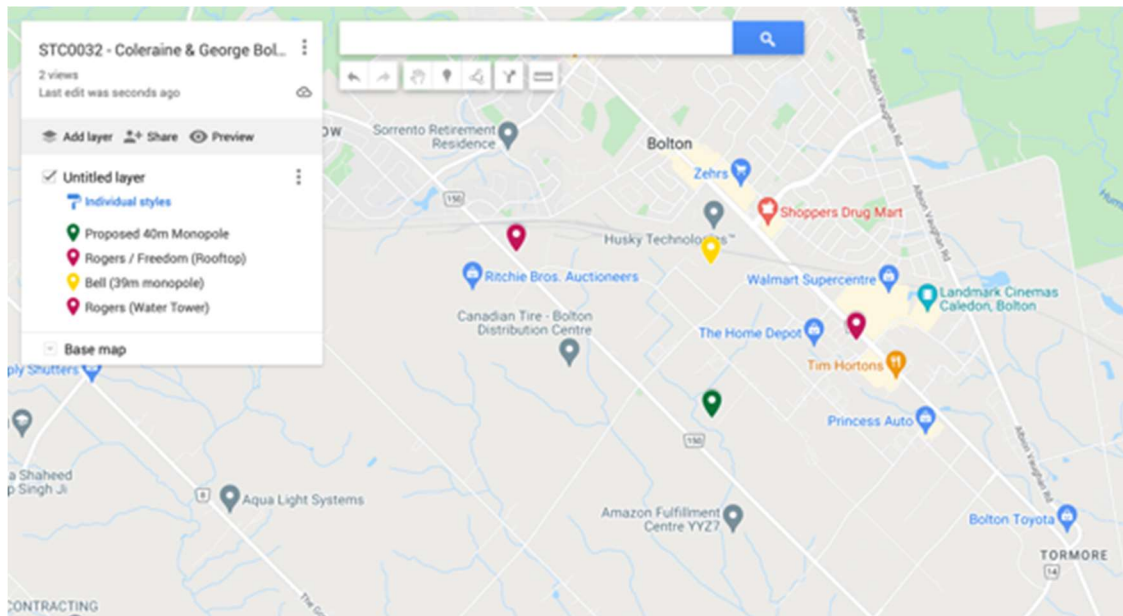


Figure 3: Existing telecommunications sites close to the proposed tower

Commenting on This Proposal

A Public Information Session is schedule on **November 29th, 2022**, from **6:30 pm to 8:30 pm** at Albion Bolton Community Centre – 150 Queen St S, Bolton, ON L7E 1E3.

The public is welcome to request addition information or provide written comments to:

Steward Logistics, on behalf of Shared Tower Inc.

146 Thirtieth Street, Suite 100

Etobicoke, ON M8N 1S9

T: (647) 241-2788

E: municipal@stewardlogistics.com

Comments must be received no later than 5 pm (ET) on **Friday, December 9th, 2022**. Please reference our file number **STC0032** in your correspondence.

Municipal Contact Information

Cristina Aquino

Community Planner, Development

Town of Caledon | Planning Department

T: (905) 584-2272 ext. 4064

E: cristina.aquino@caledon.ca



Innovation, Science and Economic Development Canada

Innovation, Science and Economic Development Canada (ISED) is the governing body for installations of this type and can be contacted at:

ISED – Toronto District Office
151 Yonge Street, 4th Floor
Toronto, ON M5C 2W7
Tel: 1-855-465-6307
Fax: 416-954-3553
Email: SpectrumToronto-SpectreToronto@ised-isde.gc.ca

General information on wireless infrastructure: <http://www.ic.gc.ca/towers>

Local Land Use Requirements

Radio-communication tower/antenna systems are exclusively regulated by Federal legislation under the Radio-communication Act and administered by ISED. Therefore, Provincial or municipal legislation, including zoning by-laws, does not apply to these facilities.

It is important to understand that ISED mandates proponents follow the local land use authority's telecommunications tower protocol, if applicable, but ultimate authority to approve or reject the construction of a new telecommunications tower rests exclusively with ISED.

In the case of this proposal, the framework for consultation is *Town of Caledon Protocol for Establishing Telecommunication Facilities*. A copy can be requested at the Planning Department.

Health Canada's Safety Code 6 Compliance

Health Canada's role is to protect the health of Canadians, so it is the Department's responsibility to research and investigate any possible health effects associated with exposure to electromagnetic energy, such as that coming from cell phones and base stations. Health Canada has developed guidelines for safe human exposure to RF energy, which are commonly known as Safety Code 6. Safety Code 6 has been adopted by ISED and is included in their regulatory documents on radiocommunication licensing and operational requirements. ISED requires all proponents and operator to ensure that their installations and apparatus comply with the Safety Code 6 at all times.

Shared Tower Inc. attests that the carrier(s) collocating on the telecommunication structure described in this notice will comply with Health Canada's Safety Code 6 limits, as may be amended from time to time, for the protection of the general public including any combined effects of additional carrier co-locations and nearby installations within the local radio environment.

For more information on Safety Code 6, please visit following Health Canada site:
www.healthcanada.gc.ca/radiation



Engineering Practices

Shared Tower attests that the telecommunications infrastructure as proposed for this site will be constructed in compliance with the Canadian Standard Association and comply with good engineering practices including structural adequacy.

Canadian Environmental Assessment Act

Shared Tower Inc. attests that the telecom structure as proposed for this site will comply with the Canadian Environmental Assessment Act. The Federal government revised the Canadian Environmental Assessment Act in July 2012. Only radiocommunication antenna and supporting structures that are part of or incidental to projects that are designated by the Regulations Designating Physical Activities or otherwise designated by the Minister of the Environment as requiring an environmental assessment are subject to the CEAA, 2012.

Transport Canada's Aeronautical Obstruction Marking Requirements

Shared Tower Inc. attests that the telecom structure described in this notification package will comply with Transport Canada / NAV Canada aeronautical safety requirements. When Transport Canada / NAV Canada have determined if any aeronautical safety features are required for the installation, such information will be made available for public review.

For additional detailed information, please consult Transport Canada at:

<https://tc.canada.ca/en/corporate-services/acts-regulations/list-regulations/canadian-aviation-regulations-sor-96-433/standards/standard-621-obstruction-marking-lighting-canadian-aviation-regulations-cars>

Public Disclosure of Comments

Submissions received shall form part of ISEDC's Public Consultation Process under the Spectrum Management and Radiocommunications Client Procedures Circular CPC-2-0-03, Issue 5, and may be made public as part of a report issued to interested parties, the Municipality and ISEDC.

Appendix A: Photo Illustration of the Proposed Tower



Figure 4: Photo simulation of the proposed telecommunications tower



Shared Tower

Appendix B: Survey Plan of Proposed Tower

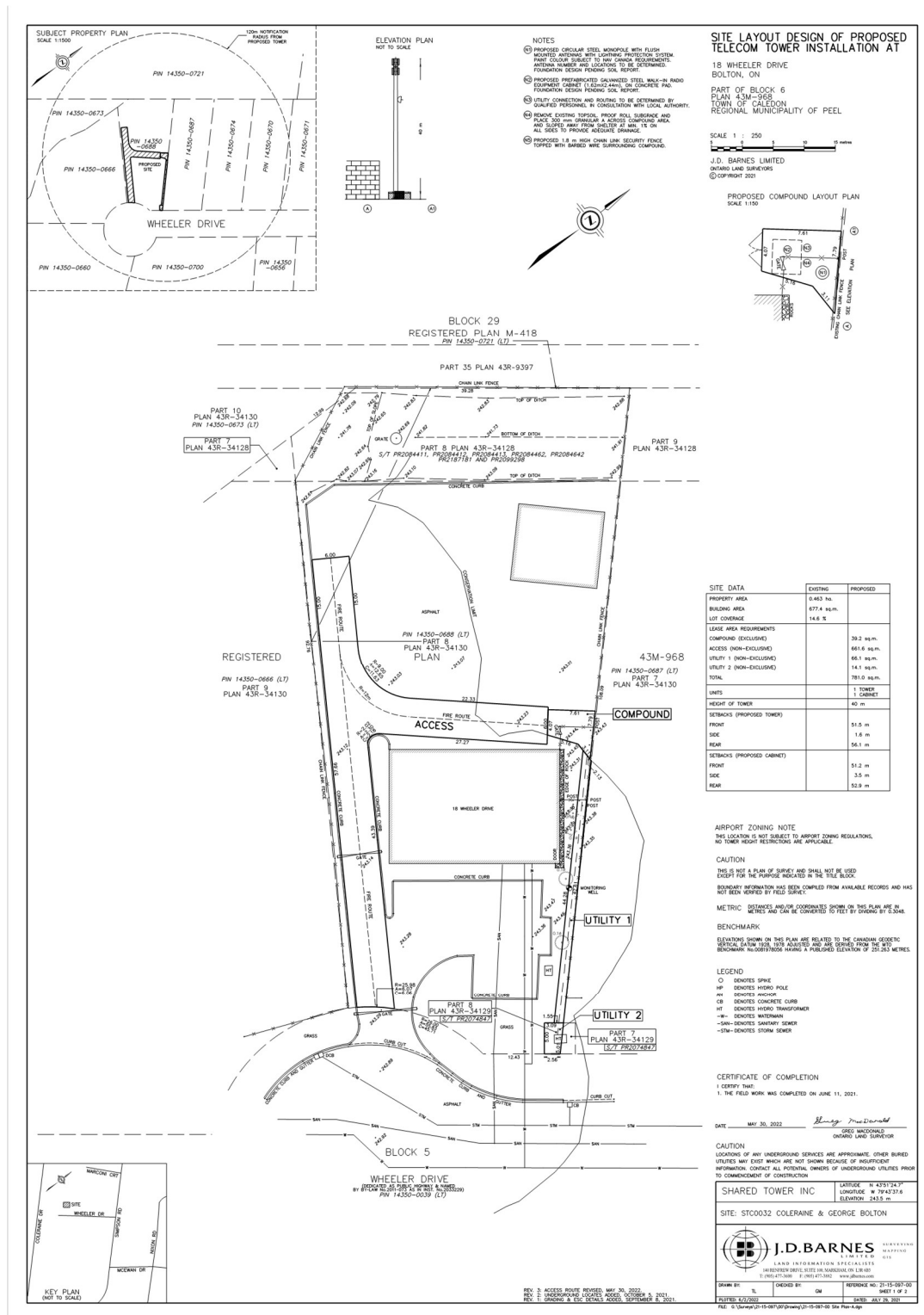


Figure 5: Plan Survey of Proposed Tower Location (see enclosed print-out for clearer detail)