

**SITE LAYOUT DESIGN OF PROPOSED TELECOM TOWER INSTALLATION AT**

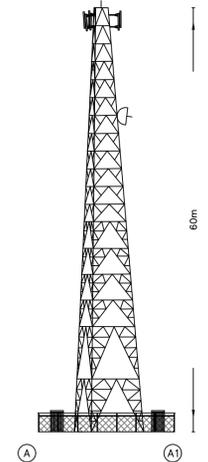
4870 HIGHWAY 6  
CALEDONIA, ON.

PART OF LOT 11  
RANGE EAST OF PLANK ROAD  
GEOGRAPHIC TOWNSHIP OF ONEIDA  
HALDIMAND COUNTY



**J.D. BARNES LIMITED**  
ONTARIO LAND SURVEYORS  
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**ELEVATION PLAN**  
NOT TO SCALE



**AIRPORT ZONING NOTE**

THIS LOCATION IS NOT SUBJECT TO AIRPORT ZONING REGULATIONS, NO TOWER HEIGHT RESTRICTIONS ARE APPLICABLE.

**CAUTION**

THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED EXCEPT FOR THE PURPOSE INDICATED IN THE TITLE BLOCK.

BOUNDARY INFORMATION HAS BEEN COMPILED FROM AVAILABLE RECORDS AND HAS NOT BEEN VERIFIED BY FIELD SURVEY.

**METRIC** DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

**BENCHMARK**

ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO THE CANADIAN GEODETIC VERTICAL DATUM 1928, 1978 ADJUSTED AND ARE DERIVED FROM BENCHMARK No. 0082009608 HAVING A PUBLISHED ELEVATION OF 197.757 METRES.

**LEGEND**

- DENOTES SPIKE
- HP DENOTES HYDRO POLE
- AN DENOTES ANCHOR

**CERTIFICATE OF COMPLETION**

I CERTIFY THAT:  
1. THE FIELD WORK WAS COMPLETED ON MAY 26, 2023

DATE JUNE 8, 2023

*Amir Keshavarz*  
AMIR KESHAVARZ  
ONTARIO LAND SURVEYOR

**CAUTION**  
LOCATIONS OF ANY UNDERGROUND SERVICES ARE APPROXIMATE. OTHER BURIED UTILITIES MAY EXIST WHICH ARE NOT SHOWN BECAUSE OF INSUFFICIENT INFORMATION. CONTACT ALL POTENTIAL OWNERS OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION

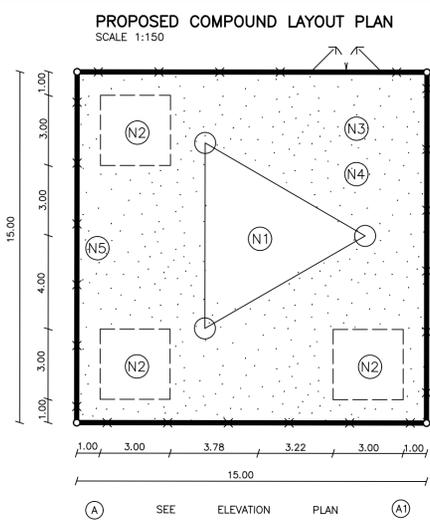
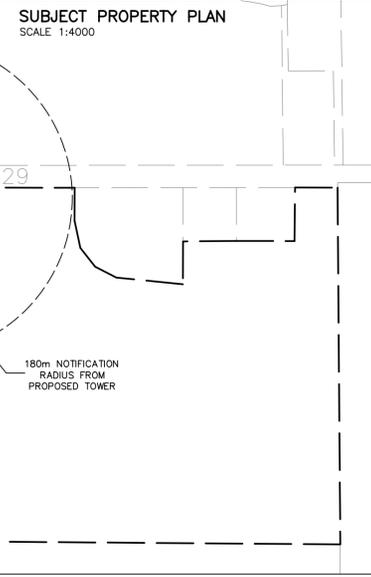
<b>SHARED TOWER INC.</b>	LATITUDE	N 43°01'19.3" (43.022033°)
	LONGITUDE	W 79°59'30.0" (-79.991675°)
	ELEVATION	193.2m

SITE: STC0492 WILLOW GROVE

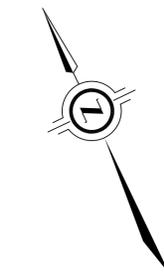
**J.D. BARNES LIMITED**  
SURVEYING MAPPING GIS  
LAND INFORMATION SPECIALISTS  
140 RENFREW DRIVE, SUITE 100, MARKHAM, ON L3R 6B3  
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DRAWN BY:	CHECKED BY:	REFERENCE NO.:
RF	AK	23-15-046-00

FILE: G:\Surveys\23-15-046\00\Drawing\23-15-046-SitePlan.dwg DATED: JUNE 8, 2023 PLOTTED: 6/9/2023



- NOTES**
- (N1) PROPOSED STEEL SELF SUPPORT TOWER 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, 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. FINISHED GRAVEL SURFACE TO BE MIN. 150 mm ABOVE EXISTING GRADE 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 SURROUNDING COMPOUND.



**SITE DATA**

	EXISTING	PROPOSED
PROPERTY AREA	32.9384 ha.	
BUILDING AREA	NA	4 sq.m.
LOT COVERAGE	NA	%
LEASE AREA REQUIREMENTS		
COMPOUND (EXCLUSIVE)		225.0 sq.m.
ACCESS/UTILITY (NON-EXCLUSIVE)		140.0 sq.m.
UTILITY 1 (NON-EXCLUSIVE)		15.7 sq.m.
TOTAL		380.7 sq.m.
UNITS		1 TOWER 3 CABINET
HEIGHT OF TOWER		60m
SETBACKS (PROPOSED TOWER)		
FRONT (4TH LINE)		8.0 m
SIDE (PIN 38180-0226)		182.6 m
SIDE (PIN 38180-0076)		±175 m
REAR (PIN 38180-0222)		±387 m
SETBACKS (PROPOSED CABINET)		
FRONT (4TH LINE)		6.0 m
SIDE (PIN 38180-0226)		181.0 m
SIDE (PIN 38180-0076)		±170 m
REAR (PIN 38180-0222)		±384 m

