

November 15, 2024

City of Hamilton
Planning and Economic Development Department
71 Main St W
Hamilton, Ontario
L8P 4Y5

Attention: Committee of Adjustment

File# A-24:31

Re: 1280 Rymal Rd E and 385 Nebo Rd

In response to your correspondence dated November 6, 2024, please be advised that our Engineering Design Department has reviewed the information concerning the above noted Consent Application and our comments are as follows:

- For Residential/Commercial electrical service requirements, the Developer needs to contact our ICI and Layouts Department at 905-798-2634 or 905-798-3370 or visit our web site @ www.alectrautilities.com. To make a service request, [Make a Service Request | Alectra Utilities](#)
- Minimum 4m horizontal clearance from existing O/H line(s) must be maintained at all times as per Alectra Utilities Standard 3-105. Please consult with Alectra Utilities if further clarification is required.
- Relocation, modification, or removal of any existing hydro facilities shall be at the owner's expense. Please contact Alectra Utilities to facilitate this.
- Developers shall be responsible for the cost of civil work associated with duct structures, transformer foundations, and all related distribution equipment.
- Developers to acquire an easement, if required.
- In order for Alectra Utilities to prepare design and procure the materials required to service this site in a timely manner, a minimum of 6 months notification is required. It would be advantageous for the developer if Alectra Utilities were contacted at the stage where the new site plan becomes available. Please note that it takes approximately 36-52 weeks to purchase a transformer.

We would also like to stipulate the following:

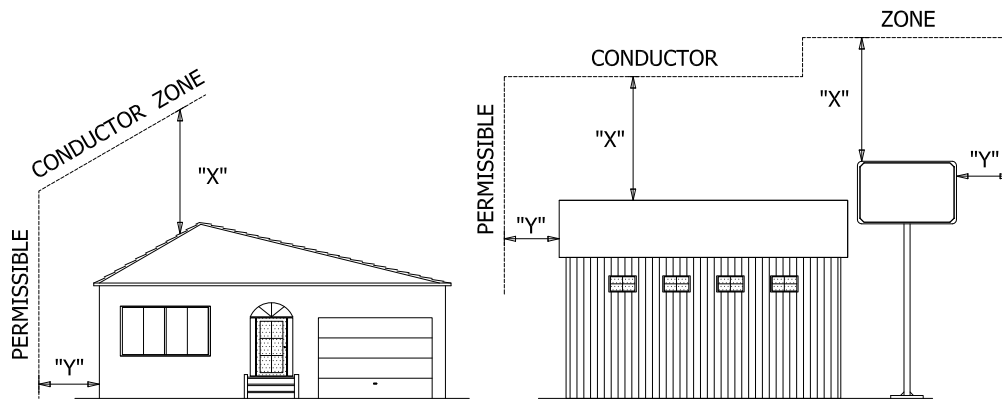
- Do not excavate within two metres of hydro poles and anchors.
- Excavation within one metre of underground hydro plant is not permitted unless approval is granted by an Alectra Utilities representative and is present to provide direct supervision. Cost associated with this task shall be at the owner's expense.
- Alectra Utilities must be contacted if the removal, isolation or relocation of existing plant is required, all cost associated with this work will be at the owners expense.
- CALL BEFORE YOU DIG, arrange for underground hydro cable locate(s) before beginning construction by contacting Ontario One Call @ 1-800-400-2255.
- Clearances from Overhead and Underground existing electrical distribution system on our adjacent to the property must be maintained in accordance to:
 - Ontario Building Code (1997) Section 3.1 (3.1.18.1)
 - Electrical Safety Code Rule 75-312
 - Occupational Health and Safety Act (OH&SA) – Construction Projects (Electrical Hazards)
 - CSA Standard C22.3 No. 1:20, Overhead System
 - CSA Standard C22.3 No. 7:20, Underground Systems

We trust that you will find this information satisfactory and that the information contained within will be provided to the owner of this project. Should you have any questions regarding this response, please contact Charles Howell at 905-798-2517 in our Engineering Design Department.

Sincerely,

Mark Jakubowski

Choose an item.
Choose an item.



- UNDER NO CIRCUMSTANCES SHALL A CONDUCTOR BE PERMITTED TO PENETRATE THE ENVELOPE SHOWN BY THE DOTTED LINE.

SYSTEM VOLTAGE	MINIMUM HORIZONTAL CLEARANCE DIMENSION "Y"	MINIMUM VERTICAL CLEARANCE DIMENSION "X"
0 - 750 V*	2.0 m (SEE NOTE 1)	4.5 m (SEE NOTE 3)
OVER 750 - 50000 V	4.0 m (SEE NOTE 2)	7.0 m (SEE NOTE 4)

* - INCLUDES MULTI-GROUNDED NEUTRALS

NOTES:

1. THIS CLEARANCE IS MADE UP OF A 1.0 m MINIMUM APPROACH CLEARANCE PLUS A 1.0 m ALLOWANCE FOR CONDUCTOR SWING. WHERE CONDUCTOR PASS IN FRONT OF A WINDOW OR OTHER OPENING, THIS 2.0 m CLEARANCE SHOULD BE INCREASED TO 2.5 m. WHERE BUILDINGS EXCEED 3 STOREYS OR 15.0 m IN HEIGHT, THE 2.0 m CLEARANCE SHOULD BE INCREASED TO 3.0 m TO ALLOW FOR RAISING OF LADDERS BY THE LOCAL FIRE DEPARTMENT.
2. THIS CLEARANCE IS MADE UP OF A 3.0 m MINIMUM APPROACH CLEARANCE PLUS A 1.0 m ALLOWANCE FOR CONDUCTOR SWING.
3. THIS DIMENSION PROVIDES 1.0 m MINIMUM APPROACH CLEARANCE FROM A 2.0 m TALL WORKMAN, PLUS A 1.5 m ALLOWANCE FOR CONDUCTOR SAG. (BASED ON AVERAGE SPAN OF 40 m)
4. THIS DIMENSION PROVIDES 3.0 m MINIMUM APPROACH CLEARANCE FROM A 2.0 m TALL WORKMAN, PLUS A 2.0 m ALLOWANCE FOR CONDUCTOR SAG. (BASED ON AVERAGE SPAN OF 40 m).
5. THE ABOVE CLEARANCES ARE MINIMUM VALUES. EFFORTS SHOULD BE MADE TO INCREASE THESE CLEARANCES ABOVE THOSE SHOWN, WHERE POSSIBLE. TO KEEP WORKMEN AND THEIR EQUIPMENT ON THE BUILDING ETC., AT THE MINIMUM CLEARANCE SHOWN, DIMENSION "X" AND "Y" ARE TO BE INCREASED BY THE REQUIRED WORKING DISTANCE.