



**29<sup>TH</sup> ONTARIO TECHNOLOGICAL SKILLS COMPETITION  
29<sup>TH</sup> OLYMPIADES ONTARIENNES DES COMPETENCES  
TECHNOLOGIQUES**

**Architectural Technology and Design**



**Contest Date/Date de la compétition: Tuesday May 8, 2018**

**Location / Endroit: Toronto Congress Centre  
650 Dixon Road, Etobicoke, Ontario M9W 1J1**

**TECHNICAL CHAIR / PRÉSIDENT DU COMITÉ TECHNIQUE:  
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## New Muskoka Cottage

Your parents just bought a small piece of abandoned property on Lake Muskoka and would like to put up a cabin. However the previous land owner had intentions of putting up a cabin of their own, but only got as far as the foundation. Attached is a lot plan that was given to your parents with the existing site conditions, design your new summer getaway based on the existing foundation footprint provided and follow your parents wish list below. Remember the view of the lake is everything!

### **Wish list:**

#### **Main Floor:**

- Large windows facing the water
- A covered and enclosed deck off the back towards the lake (to keep the bugs out)
- 2 bedrooms with standard 2'-0" deep closet
- Kitchen with island that can accommodate seating for 4
- Living Room with vaulted ceiling (with water front view)
- 3 piece bathroom
- 1 of the 2 bedrooms must walk out onto the back deck that faces the lake

#### **Basement:**

- NOTE:** Foundation depth is 8'-0" c/w with 8" cast in place concrete walls supported on 16"x8" strip footings
- Only half of the basement is to be excavated, the other half will be backfilled
  - Dry storage room
  - Cold storage room

### **Notes and Specifications:**

- Main Floor ceiling height to be 9'-0" minimum
- Wood siding for exterior materials
- 2x6 exterior walls (T/O wall is 9'-0" above finished floor)
- Sloped roof incorporating "Gable" and "Hip" styles (indicate pitch/slope of roof on elevations)

### **Drawing requirements – Competition to be graded out of 100:**

**Presentation Drawings:** A clean layout of the space with basic information (room tags, overall dimensions, furniture etc.)

**Technical Drawings:** A fully detailed drawing with all the required information to construct what's being shown.

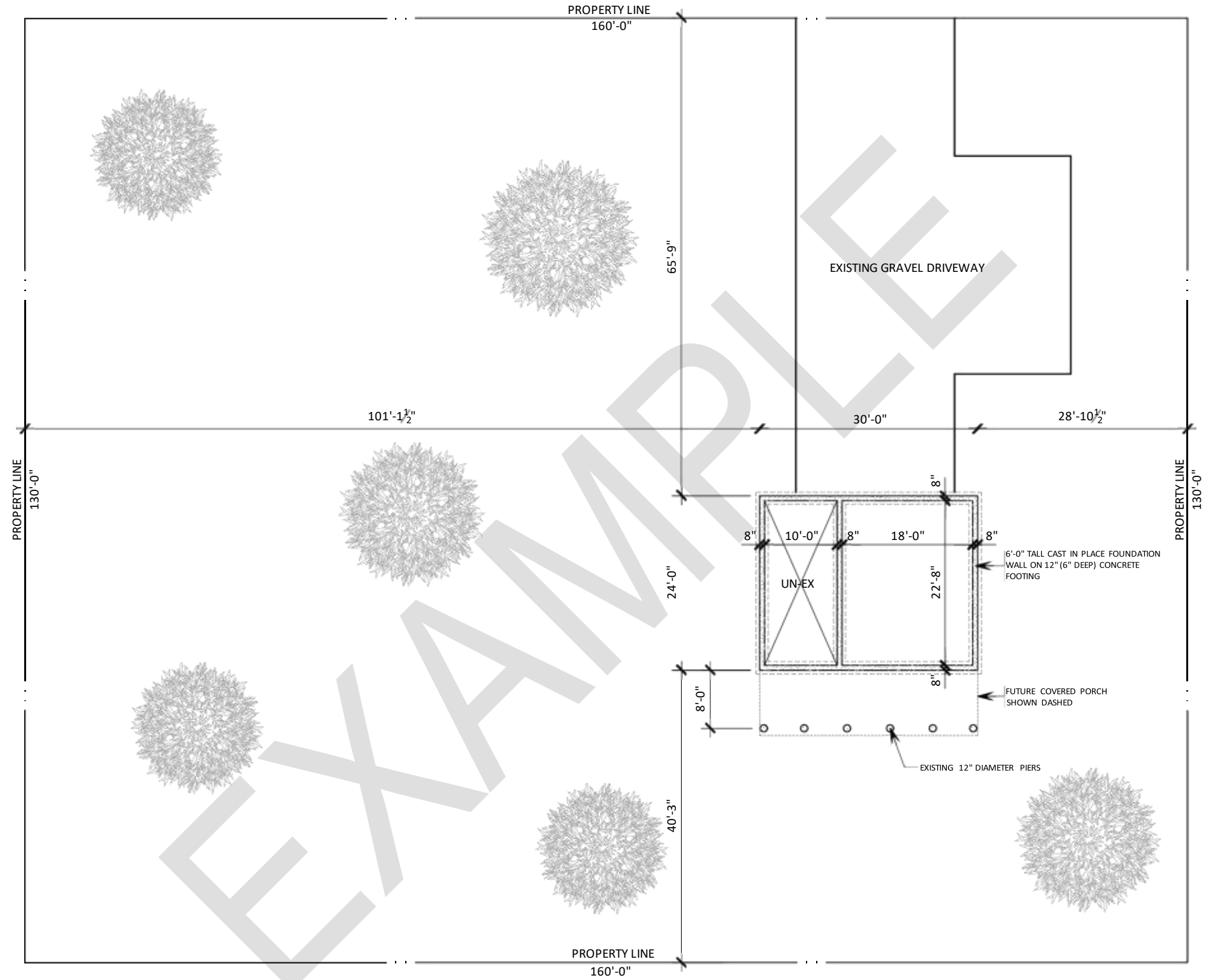
No.	Drawing Description	Marks
<b>PRESENTATION DRAWINGS</b>		
1.	Main Floor plan	20
2.	Rear Elevation - Lake Side	15
3.	Front Elevation – Road Side	15
<b>TECHNICAL DRAWINGS</b>		
4.	Basement Floor Plan	15
5.	Stair Section and Plan	15
6.	Cross Section – North to South	15
7.	Interview	5
<b>TOTAL</b>		<b>100</b>

### **BONUS MARKS (15 marks)**

- Prepare a graphical site plan, include:
- Flower beds at the front of the cabin
  - Stone pathway leading to the water
  - Fire pit with stone surround
  - Additional features are encouraged

All drawings to be printed on 11x17 paper at desired scale with title block – imperial units only

PRIVATE ACCESS ROAD



LAKE MUSKOKA