



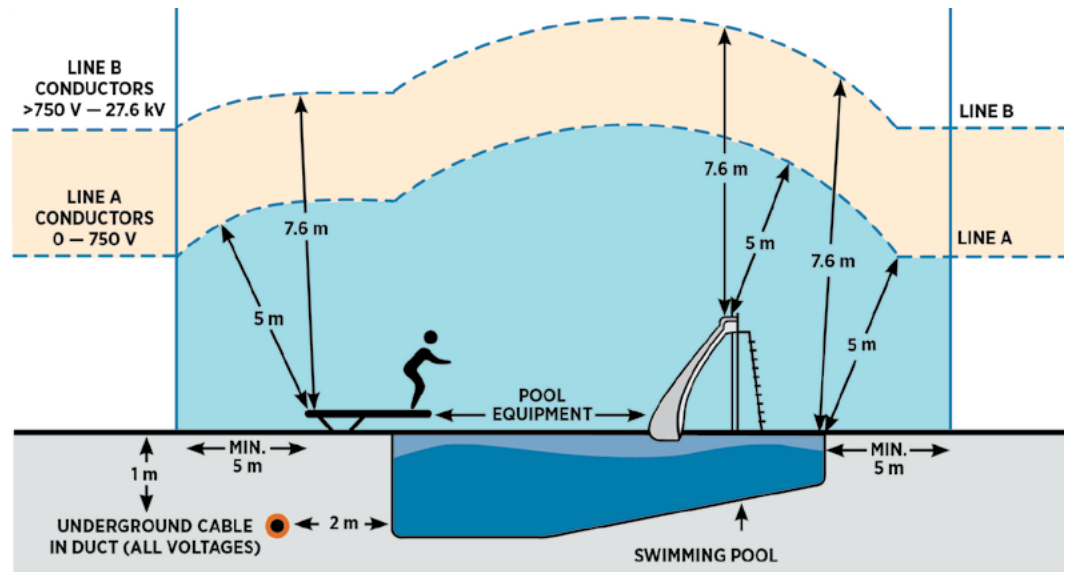
## CLEARANCES FOR SWIMMING POOLS

Electrical safety around swimming pools, hot tubs and water features is critical, since the combination of water and electricity can create dangerous and unintended paths of electric current. Installations of in-ground and above-ground swimming pools typically require a permit from the City of Toronto. The City permitting department, pool and spa contractors, and property owners must be informed and work together to ensure all laws, regulations and local requirements are met.

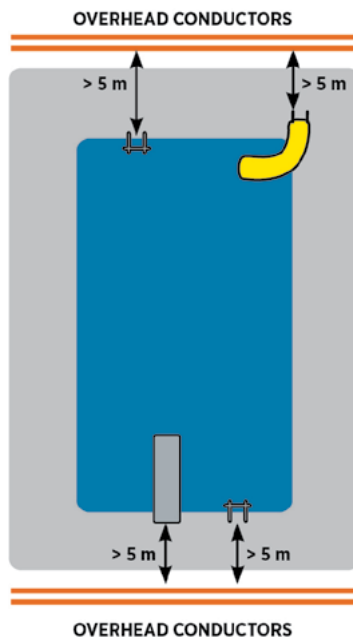




# Swimming pools near electrical infrastructure



**FIGURE 2: POOL TOP VIEW**



## Overhead clearances

Swimming pools, hot tubs and pool accessories should **not** be located under or adjacent to overhead (OH) electrical infrastructure, or within **5 metres** horizontal distance of the conductors and equipment. It's important to factor in not only the pool, but any pool accessories (see Figures 1 & 2), including:

- Un-fixed equipment such as hand-held vacuums, pole skimmers and/or removable ladders
- Fixed equipment such as slides, diving boards, swings, lights and/or platforms

Electrical infrastructure voltage level	Minimum clearance from swimming pool to conductors and equipment
Line A 0 – 750 V	5 m
Line B >750 V – 27.6 kV	7.6 m

## Underground clearances

The minimum distance between Toronto Hydro's underground infrastructure (e.g. ducts) and the outer walls of the pool must be at least **2 metres** apart (see Figure 1). This applies to all pool accessories.

Toronto Hydro must be contacted to ensure the required clearances are met based on the type of buried infrastructure (see Figure 1). Upon request, Toronto Hydro will, for a fee, work with the customer to relocate the cable(s) to obtain the minimum safe clearances where feasible.

### LOCATES

Ontario One Call accepts requests for "locates" 24 hours a day, seven days a week.

For a free locate request, call **1-800-400-2255** or visit [ontarioonecall.ca](http://ontarioonecall.ca) a minimum of five business days prior to digging.

For more information, call **416-542-8000**  
For safety tips, visit [torontohydro.com/safety](http://torontohydro.com/safety)

