

City of Mississauga

Briefing Note



From:	Anna Ferguson
To:	John Dunlop, Andrew Douglas
Date:	12/7/2023
Subject:	Upgrading electrical service to the Dixie Union Chapel
Address:	707 Dundas Street East, Mississauga, ON L4Y 2B6

Purpose

To re install electric power to the chapel while bringing it up to code and increasing the new service from 30amps to 100amps.

Proposal

- Install a new (light grey pvc) service stack in roughly the same location on the front elevation. Due to the increase of amperage, the new conduit will increase from 1" to 1 ¼".
- Install a new cylindrical Alectra meter on a square base located in roughly the same location and height as where the meter is now on the right outside face of the entrance vestibule.
- Install a new electrical panel (located on the rightside interior face of the chapel vestibule directly behind the meter). Due to the increase in service, the new electrical panel will be approximately twice the size as the current one.



Existing service: A – service stack, B – meter

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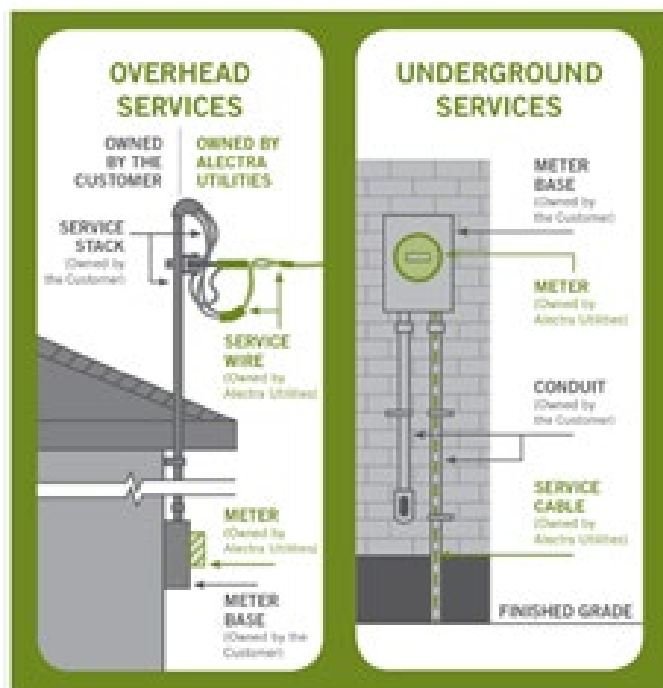


Diagram of typical external electrical components



Typical new (exterior mounted) Alectra meter