



REHOBOTH ELECTRICAL SERVICES INC.

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ESA/ECRA No: 7009658

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# EV CHARGER INSTALLATION SCOPE PROPOSAL

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## **Site location:**

Underground parking garage at 8 Trent Ave, Toronto.

## **Objective:**

Mount a FLO Home G5 Level 2 Electric Vehicle (EV) Charging Station 240 V, 1ph, 30 A output with Safety Certified 25 ft. cable.

## **Scope:**

Supply and install 2 x #8 AWG conductors in ¾" EMT conduits along existing Unistrut hanger and concrete ceiling from 120/240V electrical panel in Electrical room to EV charger at parking space. Seal around conduit at point of penetration in the Electrical room wall with fire caulk.

Supply and install new 40A circuit breaker in existing Square-D electrical panel. Adjust existing circuit breakers and panel schedule to group all EV charger breakers together.

Install client supplied CT in electrical panel and route associated wiring back to existing metering equipment at MiniCloset-5c via existing conduit in electrical room.

Arrange for ESA inspection upon installation completion and prior to EV charger commissioning.