

altogether.

Electricians Guide

(Water)

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1 Purpose

The purpose of this document is to provide a guide for electrician's about what they need to do to prepare a residential housing lot for connection to Altogether Groups' (Altogether's) drinking water, recycled water and sewerage systems.

The electrician's guide can be used as a standalone document or can be used in conjunction with Altogether's Builders Guide. Altogether's Builder's Guide can be found under help and support at www.altogethergroup.com.au All drawings referred to in this guide are also available here.

2 Builder's Electrical Plan

Follow the wiring plan provided by the builder for location of Altogether's electrical equipment and conduits required to power this equipment

3 Electrician's Requirements

The electrician's scope of works relating to Altogether's infrastructure is generally as follows:

- Install a separate power supply from a separate circuit in the Electrical Distribution Box to a junction box located below the Wastewater Collection Tank Control Panel location as per the details and specifications shown on Drawing [FSI-1003A-FS](#) (Electrical Installation Requirements).
- Install conduit for the Wastewater Collection Tank Control Panel located in front or rear of property as shown on drawings [FSI-1001B-FS](#) (Rear) and [FSI-1001A-FS](#) (Front). This includes:
 - Install 1 x 25mm orange conduits for the drinking water meter (where applicable)
 - Install 1 x 25mm orange conduits for the recycled water meter
 - Install 1 x 25mm orange conduits for the wastewater collection tank
- Note: All conduits bends must be long radius "sweep" bends, glued and installed with draw wires for future installation of Altogether Group cables. Mechanical protection is required if conduits are surface mounted.
- Where possible, Altogether requires the pressure sewer unit control panel to be accessible from the street, that is, not behind locked gates or walls, keeping in mind that the length of the conduit between the control pane and wastewater collection tank cannot exceed 35m.

4 Certificate of Compliance Electrical Work

When the builder's electrical work is complete, the electrical contractor will need to complete a uniquely numbered Certificate of Compliance Electrical Work (known as a Compliance Certificate or CCEW). The Certificate of Compliance Electrical Work is a statutory requirement that provides assurance that a licensed electrical contractor has completed and tested the work to ensure it complies with the Australia/New Zealand Wiring Rules (AS/NZS 3000).

Altogether will need to receive a copy of this Certificate of Compliance Electrical Work from the builder. We cannot complete the final steps to connect the home to water and sewer until we've received the Certificate of Compliance Electrical Work.