

Underground Distribution Schemes Manual

- Proposed changes to clause 6.2.8.20 Working end pillars

In response to some safety concerns associated with damage, and the requirement that any cable connected to the network must be tested, commissioned and capable of being safely energised, Western Power proposes a change to the present working end termination arrangement.


The present requirement of terminating into white painted pillars is proposed to be replaced with live end seals. Low Voltage (LV) and High Voltage (HV) cable ends will be terminated and buried at the correct depth in the cable alignment within the subdivision scheme boundary. These cables will be live and shown on Dial Before You Dig.

HV cables will have a live end seal that allows the screens to be joined or bridged together. Some additional trenching, to undertake the cable jointing, may be required within the completed works to enable extension into the next subdivision stage. This change will allow one network standard to be used on all projects (Live Ends) and the safety concerns to be alleviated.

A cable marker post or pillar is not proposed to identify the location of the Live End but protective slabs can be used at the boundary of the subdivision if the designer has concerns that the cable may be damaged during civil works for the next stage.

Feedback can be provided by Friday, July 4 2014 to Geoff Williams, Western Power Senior Standards and Policy Engineer at: geoff.williams@westernpower.com.au



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