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**Sent:** 16/11/2019 2:10:35 PM  
**Subject:** DA2019/0978, 31 Calvert Pde Newport Attention:Thomas Burns

Hi Thomas,

Ausgrid does not have any objection for the following development, however the applicant/developer should note the following comments below regarding any proposal within the proximity of existing electrical network assets.

### **Supply of Electricity**

It is recommended for the nominated electrical consultant/contractor to provide a preliminary enquiry to Ausgrid to obtain advice for the connection of the proposed development to the adjacent electricity network infrastructure.

An assessment will be carried out based on the enquiry which may include whether or not:

- The existing network can support the expected electrical load of the development
- A substation may be required on-site, either a pad mount kiosk or chamber style and;
- site conditions or other issues that may impact on the method of supply.

Please direct the developer to Ausgrid's website, [www.ausgrid.com.au](http://www.ausgrid.com.au) about how to connect to Ausgrid's network.

### **Overhead Powerlines**

Safework NSW Document – Work Near Overhead Powerlines: Code of Practice, outlines the minimum safety separation requirements between these mains/poles to structures within the development throughout the construction process. It is a statutory requirement that these distances be maintained throughout construction. Special consideration should be given to the positioning and operating of cranes and the location of any scaffolding.

The “as constructed” minimum clearances to the mains should also be considered. These distances are outlined in the Ausgrid Network Standard, NS220 Overhead Design Manual. This document can be sourced from Ausgrid’s website, [www.ausgrid.com.au](http://www.ausgrid.com.au)

It remains the responsibility of the developer and relevant contractors to verify and maintain these clearances onsite.

"Should the existing overhead mains require relocating due to the minimum safety clearances being compromised in either of the above scenarios, this relocation work is generally at the developers cost.

It is also the responsibility of the developer to ensure that the existing overhead mains have sufficient clearance from all types of vehicles that are expected be entering and leaving the site."

### **Underground Cables**

Special care should also be taken to ensure that driveways and any other construction activities within the footpath area do not interfere with the existing cables in the footpath. Ausgrid cannot guarantee the depth of cables due to possible changes in ground levels from previous activities after the cables were installed. Hence it is recommended that the developer locate and record the depth of all known underground services prior to any excavation in the area.

Safework Australia – Excavation Code of Practice, and Ausgrid’s Network Standard NS156 outlines the minimum requirements for working around Ausgrid’s underground cables.

Should ground anchors be required in the vicinity of the underground cables, the anchors must not be installed within 300mm of any cable, and the anchors must not pass over the top of any cable.

Regards,

**Michael Lai**

Asset Protection Officer | Transmission Mains



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