



CARDNO ITC PTY LIMITED
LEVEL 7, 33 YORK STREET
SYDNEY NSW 2000
PHONE +61 2 9495 8100
FAX +61 2 9495 8111
WEB www.cardnoitc.com.au
ABN: 75 084 093 050

Monday, March 11, 2013

Stanton Dahl Architects
PO Box 883 Epping
NSW, 1710

Attention: David Bell

**RE: WAHROONGA ADVENTIST SCHOOL
REQUIREMENT FOR SUBSTATION AND APPLICATION PROCESS**

We are Electrical Engineers to the Seventh Day Adventist Group on the proposed new Wahroonga Adventist school on Fox Valley Road, Wahroonga.

This letter has been issued to outline the process in determining our requirement for a substation to provide the electrical power for the site and the application process for obtaining the substation.

Requirement for Substation:

The ultimate requirement for a substation is to be determined by the supply authority upon submitting our application for connection. However for the above mention project a senior engineer associated with Seventh Day Adventist and the site was recommended to provide feedback on current supply in the area.

Mr Leon Gower from ED Consulting was contacted and advised us that a substation would be required.

We have made it clear that an application needs to be made to determine this requirement.

Application Process for Substation

Typically the application process for a substation is in general as follows:

1. An application for connection, stipulating our required load, is sent to the supply authority.
2. The supply authority provides information as to the connection method (A new substation or a connection from a local point)
3. The supply authority issues its monopoly fees request, which are paid.
4. The supply authority then issues a Design Information Pack (DIP)
5. DIP is issued to a level 3 accredited designer, who designs the substation for construction.
6. A level 1 accredited contractor is elected to construct the job in line with Ausgrids standards.

If any further information is required please do not hesitate to contact me.

Regards,

**John Farag
Electrical Engineer
Cardno ITC**