

8 November 2022

The Secretary
NSW Department of Planning and Environment

Attention: Jenny Chu

SSD-43065987 - Upgrades to Carlingford West PS and Cumberland HS

Dear Sir or Madam

I refer to the Department's email of 4 November 2022 regarding the exhibition of the Environmental Impact Statement (EIS) for State Significant Development SSD-43065987 Upgrades to Carlingford West Public School and Cumberland High School for 'Upgrade including construction of three new buildings up to four storeys and student capacity of 1610 at Carlingford West Public School and construction of three new buildings, up to five storeys and student capacity of 2040 at Cumberland High School' at 57-73 Felton Road and 183 Pennant Hills Road, Carlingford (Lots 1-5 DP 235625) in the City of Parramatta Local Government Area (LGA). Submissions need to be made to the Department by 5 December 2022.

Please refer to Endeavour Energy's previous submission made to the Department on 20 November 2020 regarding the Request for Secretary's Environmental Assessment Requirements (SEARs) for State Significant Development SSD-10879802 for Carlingford West Public School Upgrades. Although not addressing the Cumberland High School upgrade, the recommendations and comments provided therein are essentially also applicable to the larger / overall site.

As shown in the below site plan from Endeavour Energy's G/Net master facility model, in regard to the Cumberland High School site there are:

- No easements benefitting Endeavour Energy (active easements are indicated by red hatching).
- Low voltage overhead power lines (including two poles with one fitted with a streetlight) to the Pennant Hills Road road verge / roadway.
- Extended low voltage overhead service conductor coming from a pole on the Dunmore Avenue road verge to a customer owned / private pole (fitted with a streetlight) on the site providing the customer connection point for the existing premises.

For the provision of electricity infrastructure to the site for the proposed upgrades of the schools, the Electrical Services SSDA Report prepared by Steensen Varming dated 26 October 2022 includes the following advice.

4.0 Electricity

4.1 Carlingford West Public School

The Carlingford West Public School development is to be undertaken on the existing school lot and the lot shall remain as it is.

A maximum demand calculation has been completed for the proposed works and it has been established that a 1500kVA transformer will be required to accommodate the new load of the school. This is proposed to be achieved by upgrading the existing 500kVA transformer to a 1500kVA transformer. Existing high voltage cables will need to be upgraded to suit the proposed new transformer.

4.2 Cumberland High School

The Cumberland High School development is to be undertaken on the existing school lot and the lot shall remain as it is.

A maximum demand calculation has been completed for the proposed works and it has been established that a 1500kVA transformer will be required to accommodate the new load of the school. This is proposed to be achieved by establishing a new 1500kVA transformer on the site. Existing high voltage cables will need to be upgraded to suit the proposed new transformer which shall originate from Pennant Hills Road.

For both schools it indicates the following additional advice.

Discussions have been undertaken with the level 3 consultant who has been in consultation with Endeavour Energy, and it has been confirmed that at this point in time, there is sufficient capacity in the area to accommodate the new load however it will not be allocated/reserved until a formal application for the supply is submitted in line with their standard procedures.

Any required padmount substation/s will need to be located within the property (in a suitable and accessible location) and be protected (including any associated cabling) by an easement and associated restrictions benefiting and gifted to Endeavour Energy. Please refer to Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights'.

The Architectural Plans show the 'Existing Substation' off Felton Road on the Carlingford West Public School but do not appear to show any provision for the new padmount substations.

Generally it is the Level 3 Accredited Service Provider's (ASP) responsibility (engaged by the developer) to make sure substation location and design complies with Endeavour Energy's standards the suitability of access, safety clearances, fire ratings, flooding etc.

Based on and subject to the foregoing Endeavour Energy has no objection to the Development Application.

For further advice the applicant can call Endeavour Energy via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666 and the following contacts:

- Customer Network Solutions Branch for matters related to the electricity supply or asset relocation who are responsible for managing the conditions of supply with the applicant and their Accredited Service Provider (ASP). Alternatively contact can be made by email cicadmin@endeavourenergy.com.au.

- Easements Officers for matters related to easement management or protected works / assets. Alternatively contact can be made via email Easements@endeavourenergy.com.au .
- Property Branch for matters related to property tenure. Alternatively contact can be made by email network_property@endeavourenergy.com.au (underscore between 'network' and 'property').
- Field Operations Branch for safety advice for building or working near electrical assets in public areas. The site is in the area covered by Parramatta Field Service Centre. Alternatively contact can be made by email Construction.Works@endeavourenergy.com.au .

Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above or in Endeavour Energy's previous submission in relation to the various matters. Due to the high number of development application / planning proposal notifications submitted to Endeavour Energy, to ensure a response contact by email to property.development@endeavourenergy.com.au is preferred.

Yours faithfully

Cornelis Duba | Development Application Specialist

M 0455250981

E cornelis.duba@endeavourenergy.com.au

51 Huntingwood Drive, Huntingwood NSW 2148. Dharug Country

endeavourenergy.com.au



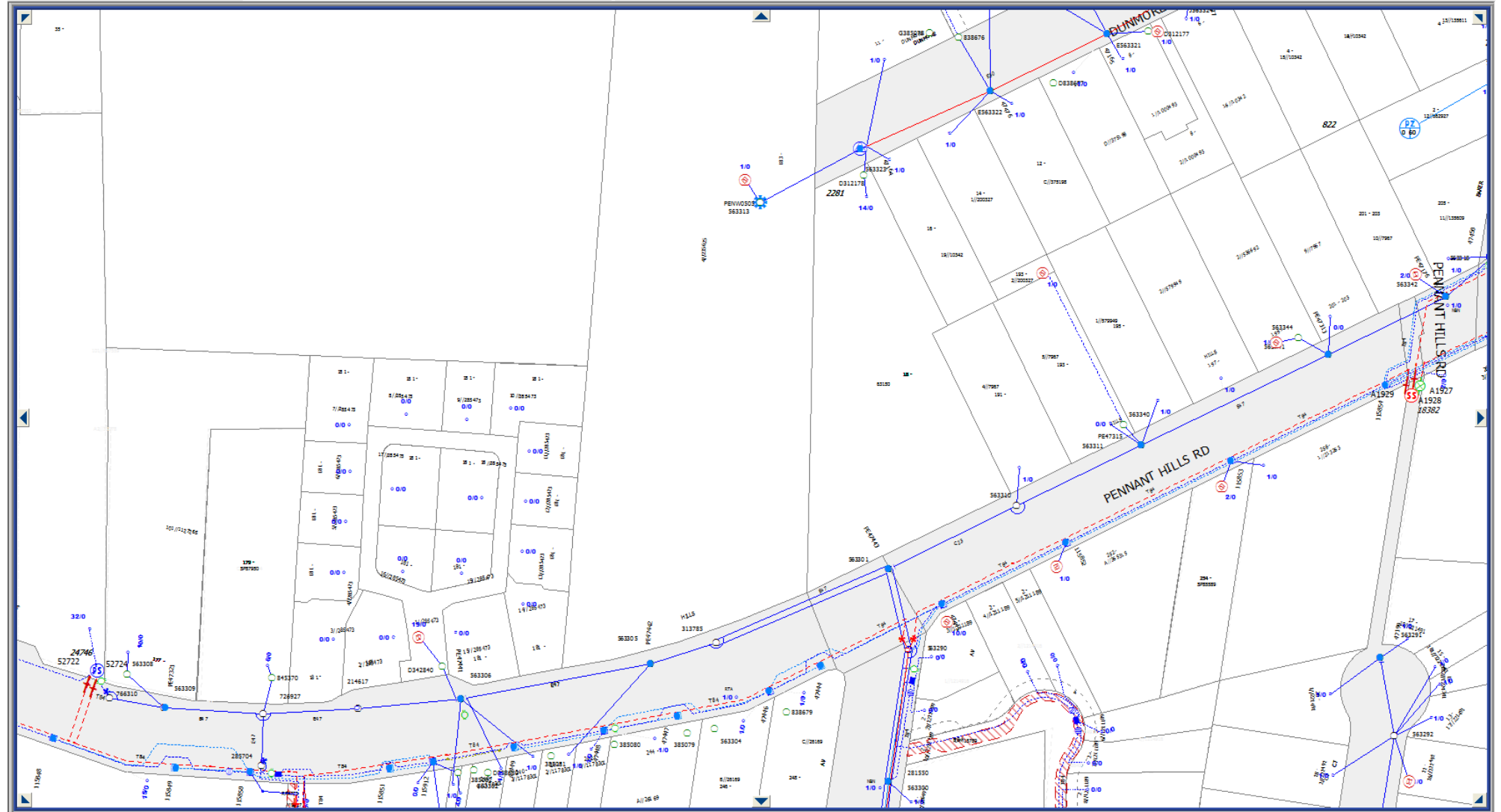
**Endeavour
Energy**

**POWER
together**



























Endeavour Energy respectfully acknowledges the Traditional Custodians on whose lands we live, work, and operate and their Elders past, present and emerging.

Site Plan from Endeavour Energy's G/Net Master Facility Model



Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. In addition it must be recognised that the electricity network is constantly extended, augmented and modified and there is a delay from the completion and commissioning of these works until their capture in the model. Easements benefitting Endeavour Energy are indicated by red hatching. Generally (depending on the scale and/or features selected), low voltage (normally not exceeding 1,000 volts) is indicated by blue lines and high voltage (normally exceeding 1,000 volts but for Endeavour Energy's network not exceeding 132,000 volts / 132 kV) by red lines (these lines can appear as solid or dashed and where there are multiple lines / cables only the higher voltage may be shown). This plan only shows the Endeavour Energy network and does not show electricity infrastructure belonging to other authorities or customers owned electrical equipment beyond the customer connection point / point of supply to the property. This plan does not constitute the provision of information on underground electricity power lines by network operators under Part 5E 'Protection of underground electricity power lines' of the *Electricity Supply Act 1995* (NSW).

LEGEND	
	Padmount substation
	Indoor substation
	Ground substation
	Kiosk substation
	Cottage substation
	Pole mounted substation
	High voltage customer substation
	Metering unit
	Switch station
	Indoor switch station
	Customer connection point
	Low voltage pillar
	Streetlight column
	Life support customer
	Tower
	Pole
	Pole with streetlight
	Customer owned / private pole
	Cable pit
	Load break switch
	Recloser
	Proposed removed
	Easement
	Subject site

Google Maps Street View



Google Maps Street View

