

27 March 2024

The Secretary  
NSW Department of Planning, Housing and Infrastructure

**Attention: Patrick Andrade**

## **SSD-62028458 NEW HIGH SCHOOL IN EDMONDSON PARK**

Dear Sir or Madam

I refer to the Department's email of 27 March 2024 regarding the Environmental Impact Statement (EIS) for State Significant Development SSD-62028458 New High School in Edmondson Park for 'New high school in Edmondson Park, including three buildings up to three storeys and one building up to five storeys, onsite carparking and associated earthworks and infrastructure over two stages' at 145 Buchan Avenue, Edmondson Park (Lot 2 DP 1287903) in the Liverpool City Council local government area (LGA). Submissions need to be made to the Department by 23 April 2024.

Please refer to Endeavour Energy's submission made to the Department on 8 September 2023 to the request for Secretary's Environmental Assessment Requirements (SEARs) for SSD-62028458 New High School in Edmondson Park.

The EIS includes the following advice addressing whether the available electricity services are adequate for the proposed development.

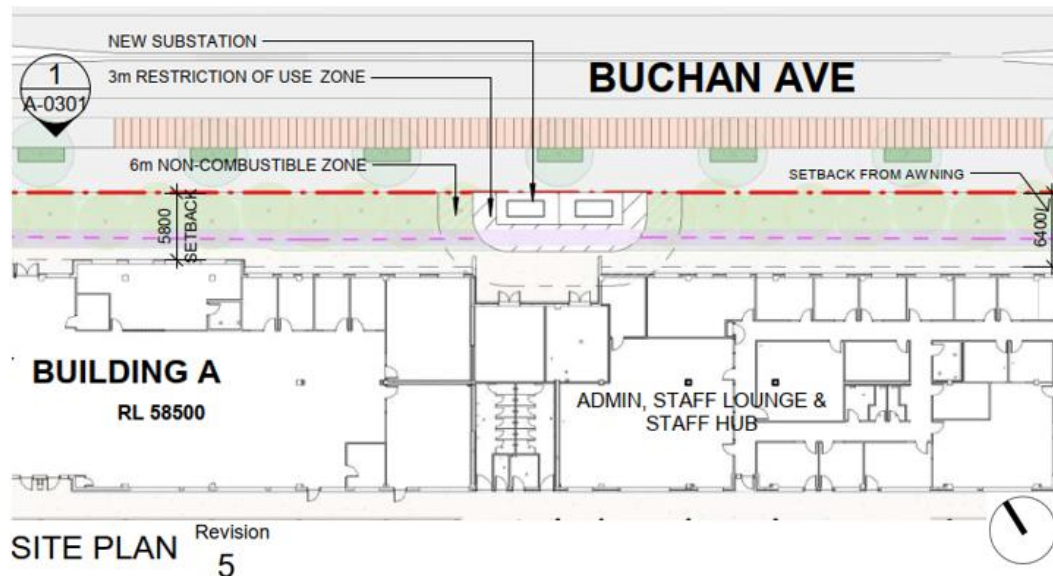
### **6.2.18.2 Proposed Environment and Impact Assessment**

The proposed infrastructure requirements for the school development are summarised in the table below.

**Table 6.75** Proposed Infrastructure Provision

Utility Infrastructure	Proposal and Impact Assessment
Electrical	<ul style="list-style-type: none"><li>Maximum demand calculated is 1915kVA or 2662Amps across both stages.</li><li>Based on the above, 2 x 1000kVA kiosk substations will be required to service the development.</li><li>Both substations will be delivered as a part of Stage 1. Only low voltage electrical works within the site will be staged. In essence, the electrical servicing connection for each building will be made when each respective building has been constructed, and prior to occupation.</li><li>An application to Endeavour Energy has been made, and a connection offer has been received. The connection offer confirms adequate capacity. A level 3 design will continue to progress for the new substations and integration into the existing network.</li><li>SV has confirmed there will be no impact on the existing Endeavour Energy electricity infrastructure assets around the site, with the exception of where the new substations will connect to the existing network, which is not considered to be of any adverse consequence (given confirmation of adequate capacity).</li><li>The works will be funded by SINSW.</li><li>The works will be undertaken in accordance with the Endeavour Energy Connection Policy and all other relevant standards.</li></ul>

The following extract of the Site Plan shows provision for a 'New Substation' (which appears to be the same as that included in the request for SEARs).



The advice provided in the EIS is similarly provided in the Electrical Services SSDA Report prepared by Steensen Varming Revision 4 dated 01-03-2024 and includes as Appendix A Endeavour Energy Connection Offer being a Standard Connection Offer dated 29 September 2023 (Endeavour Energy Ref: ULL3600).

Accordingly the applicant will need to complete the application for connection of load process with Endeavour Energy's Customer Network Solution Branch who are responsible for managing the conditions of supply with the applicant and their Accredited Service Provider (ASP).

The required padmount substations will need to be located within the property (in a suitable and accessible location) and be protected (including any associated cabling not located within a public road / reserve) with an appropriate form of property tenure as detailed in the attached copy of Endeavour Energy's 'Land Interest Guidelines For Network Connection'.

The foregoing is in keeping with the conditions and advice made in Endeavour Energy's submission to the request for SEARs which essentially remain valid. Subject thereto and based on 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 and the following contacts:

- Customer Network Solutions Branch for matters related to the electricity supply or asset removal / 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 [CWAdmin@endeavourenergy.com.au](mailto:CWAdmin@endeavourenergy.com.au).

The applicant will need to contact Endeavour Energy's Customer Network Solutions Branch if this Development Application:

- Includes any contestable works projects that are outside of any existing approved / certified works.
- Results in an electricity load that is outside of any existing Supply / Connection Offer requiring the incorporation of the additional load for consideration.

- Easements Officers for matters related to easement management, protected works or other forms of property tenure / interests. Alternatively contact can be made by email [Easements@endeavourenergy.com.au](mailto:Easements@endeavourenergy.com.au) .
- Property Branch for matters related to property tenure. Alternatively contact can be made by email [network\\_property@endeavourenergy.com.au](mailto: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 Hoxton Park Field Service Centre. Alternatively contact can be made by email [Construction.Works@endeavourenergy.com.au](mailto: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 to the request for SEARs 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](mailto:Property.Development@endeavourenergy.com.au) is preferred.

Yours faithfully

**Cornelis Duba** | Development Application Specialist

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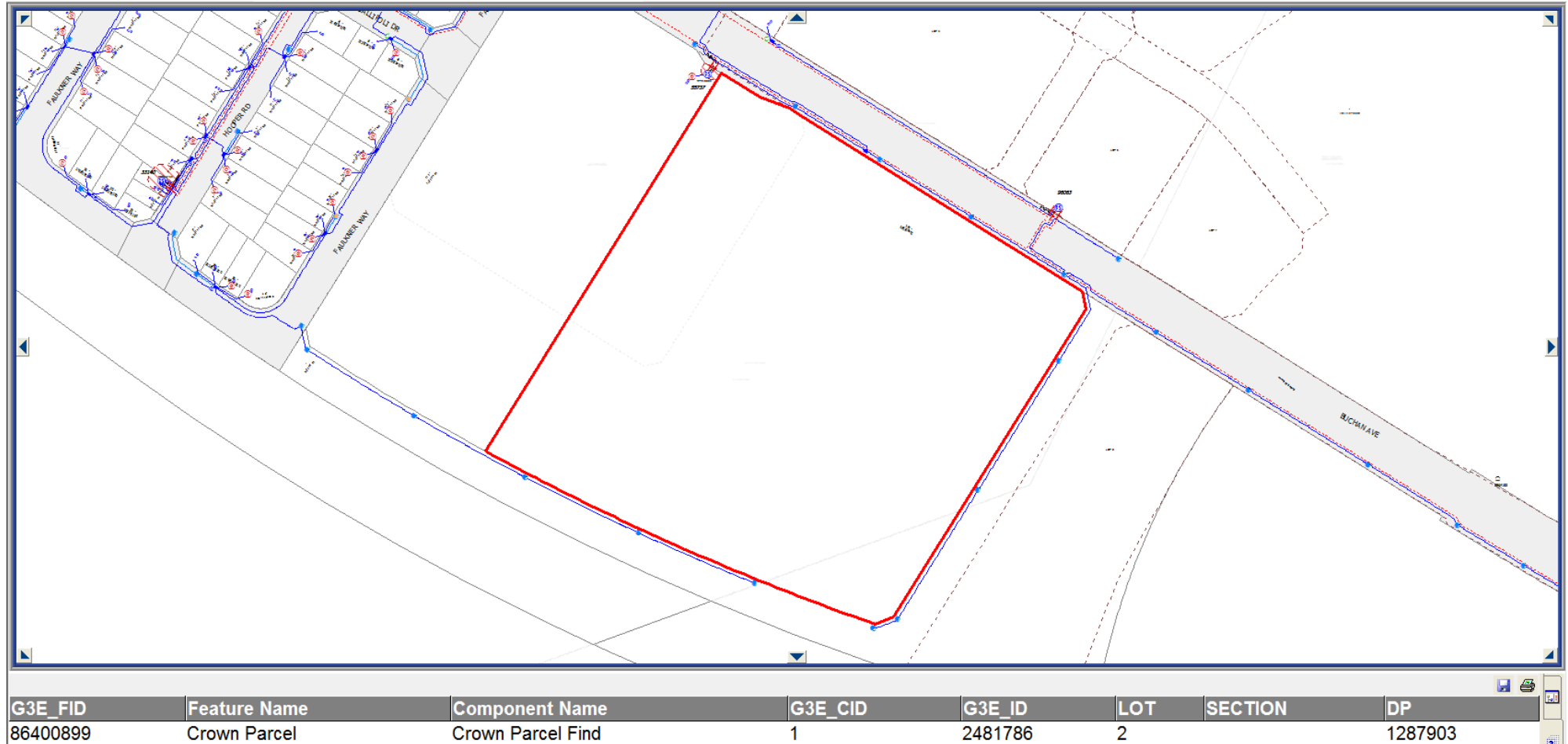
Dharug/Wiradjuri/Dharawal/Gundungurra/Yuin Country

[endeavourenergy.com.au](http://endeavourenergy.com.au) |    



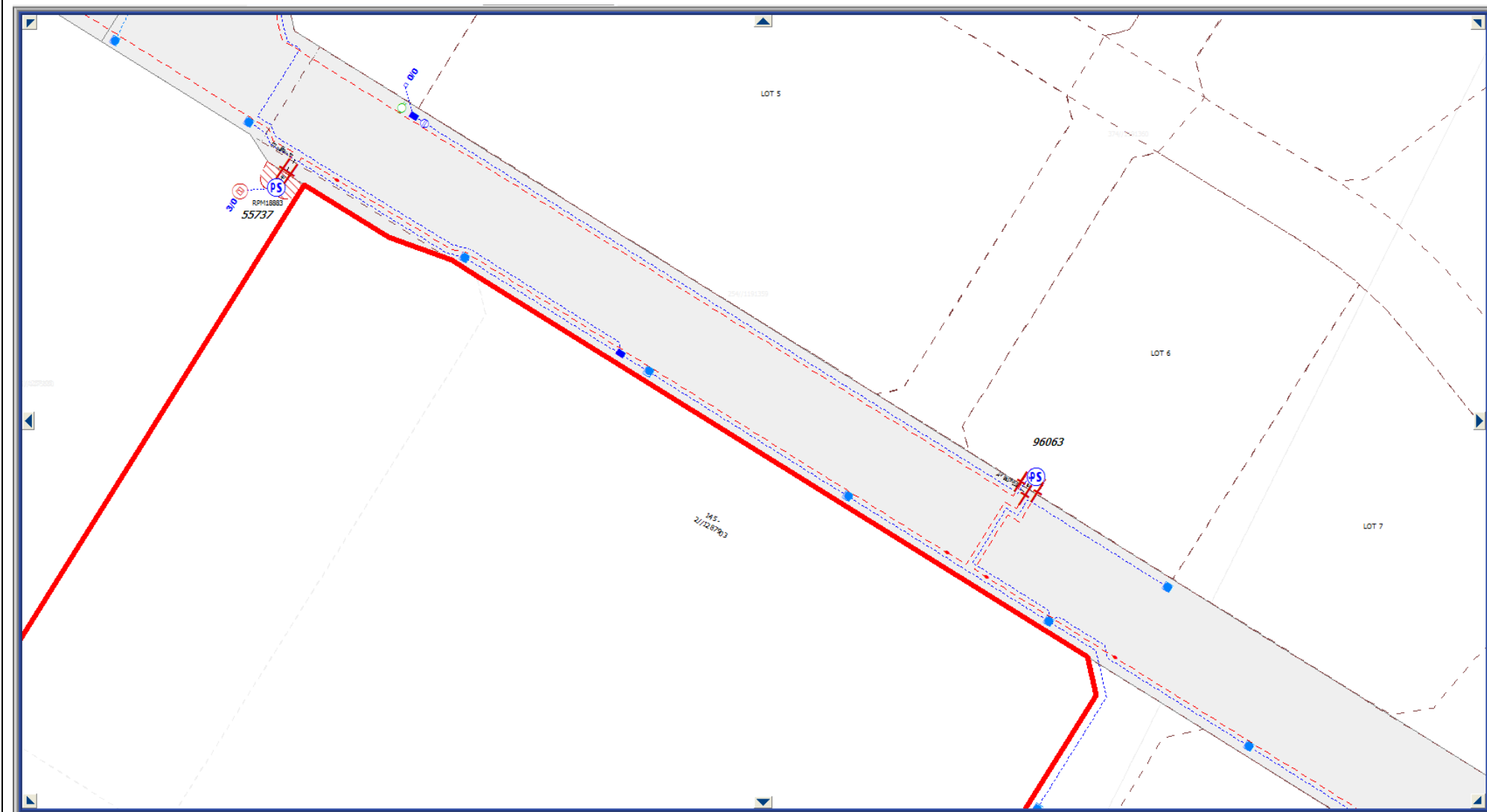
Endeavour Energy respectfully acknowledges the Traditional Custodians on whose lands we live, work, and operate and their Elders past and present.


























## 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).

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



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
	Voltage regulator
	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





**Figure 2.8** Buchanan Avenue taken from existing footpath looking towards EPPS and Clermont Park (Source: Gyde)