

15 March 2024

The Secretary
NSW Department of Planning, Housing and Infrastructure

Attention: James Groundwater

SSD-62802207 Hills Showground Precinct East

Dear Sir or Madam

I refer to the Department's email of 14 March 2024 regarding the Environmental Impact Statement (EIS) State Significant Development SSD-62802207 Hills Showground Precinct East for 'Staged construction of Showground Precinct East, comprising residential towers (3-16 storey) over three lots, 873 dwellings and associated basement parking, landscaping, civil and stormwater works, and stratum subdivision' at 3 Andalusian Way, Castle Hill (Lot 56 DP 1253217) in The Hills Shire Council local government area (LGA). Submissions need to be made to the Department by 10 April 2024.

Please refer to Endeavour Energy's submission made to the Department on 10 December 2019 for the public exhibition of State Significant Development SSD-9653 Hills Showground Station Precinct (Lots 53, 55 and 56 DP 1253217 and Part Lot 50 DP 1253217) being for the 'Concept proposal for a mixed-use precinct adjacent to the Hills Showground Station, including maximum gross floor area for residential and non-residential land uses, building envelopes, parking rates, principal subdivision and public open space'.

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

5.1 Authority Consultation

5.1.3 Endeavour Energy

JHA Consulting Engineers submitted an Application for Connection to Endeavour Energy for the site. Endeavour Energy has since provided a Design Brief indicating that Level 3 design for the substation infrastructure will be required to facilitate the required electrical load for the proposed development. This Design Brief will be used in the preparation of the design package that will be submitted for certification. A copy of the correspondence between JHA Consulting Engineers and Endeavour Energy is at **Appendix 41**.

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 Utility Services / A17 Infrastructure Management Report includes the following advice regarding the Proposed Substation Infrastructure required to facilitate the proposed development.

4.2 ELECTRICAL INFRASTRUCTURE

4.2.1 PROPOSED SUBSTATION INFRASTRUCTURE

From a high-level desktop assessment, it is expected that the following Endeavour Energy infrastructure will be required on the site:

- Lot 3: 1 x new Endeavour Padmount Substation located along the Andalusian Way Boundary
- Lot 4: 1 x new Endeavour Padmount Substation located along the New Council Road Boundary
- Lot 5: 2 x new Endeavour Energy Padmount Substations, one located in the northeast corner of the site; the other located in the middle of the site close to the Showground Road boundary.



Figure 8: Proposed Endeavour Energy substation Infrastructure

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'.

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. If the substation does not comply with Endeavour Energy's standards, the applicant must request a dispensation.

The foregoing is in keeping with the recommendations and comments made in Endeavour Energy's submission to SSD-9653 which essentially remain valid. Subject thereto and based on the foregoing Endeavour Energy has no objection to the Development Application.

Please find attached for the applicant's reference a copy of Endeavour Energy's Standard Conditions for Development Applications and Planning Proposals, Version 9, August 2023 which provides some additional and updated information.

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.

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.
- 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 Kings Park 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 to SSD-9653 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

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Dharug/Wiradjuri/Dharawal/Gundungurra/Yuin Country

endeavourenergy.com.au |    



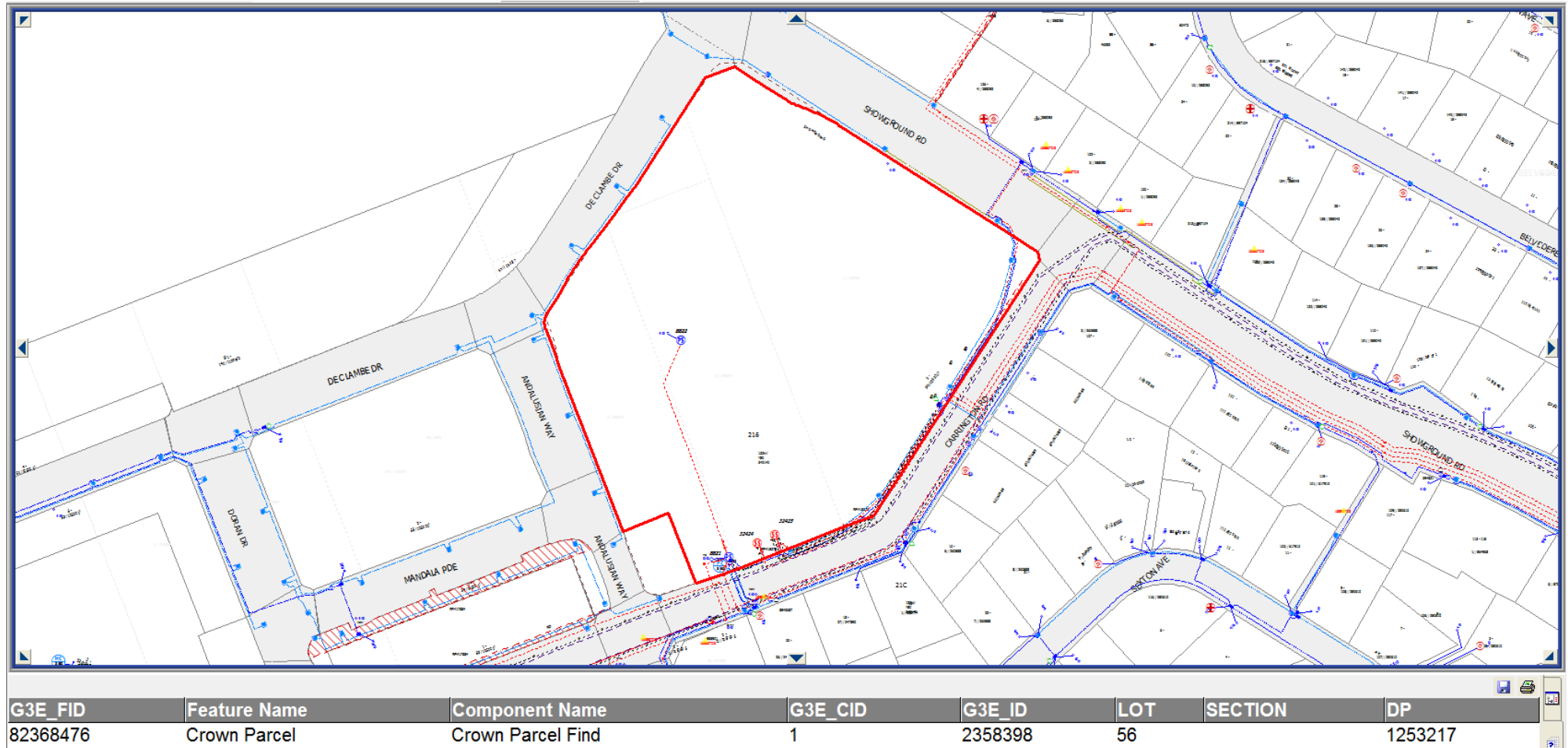
**Endeavour
Energy**

**POWER
together**



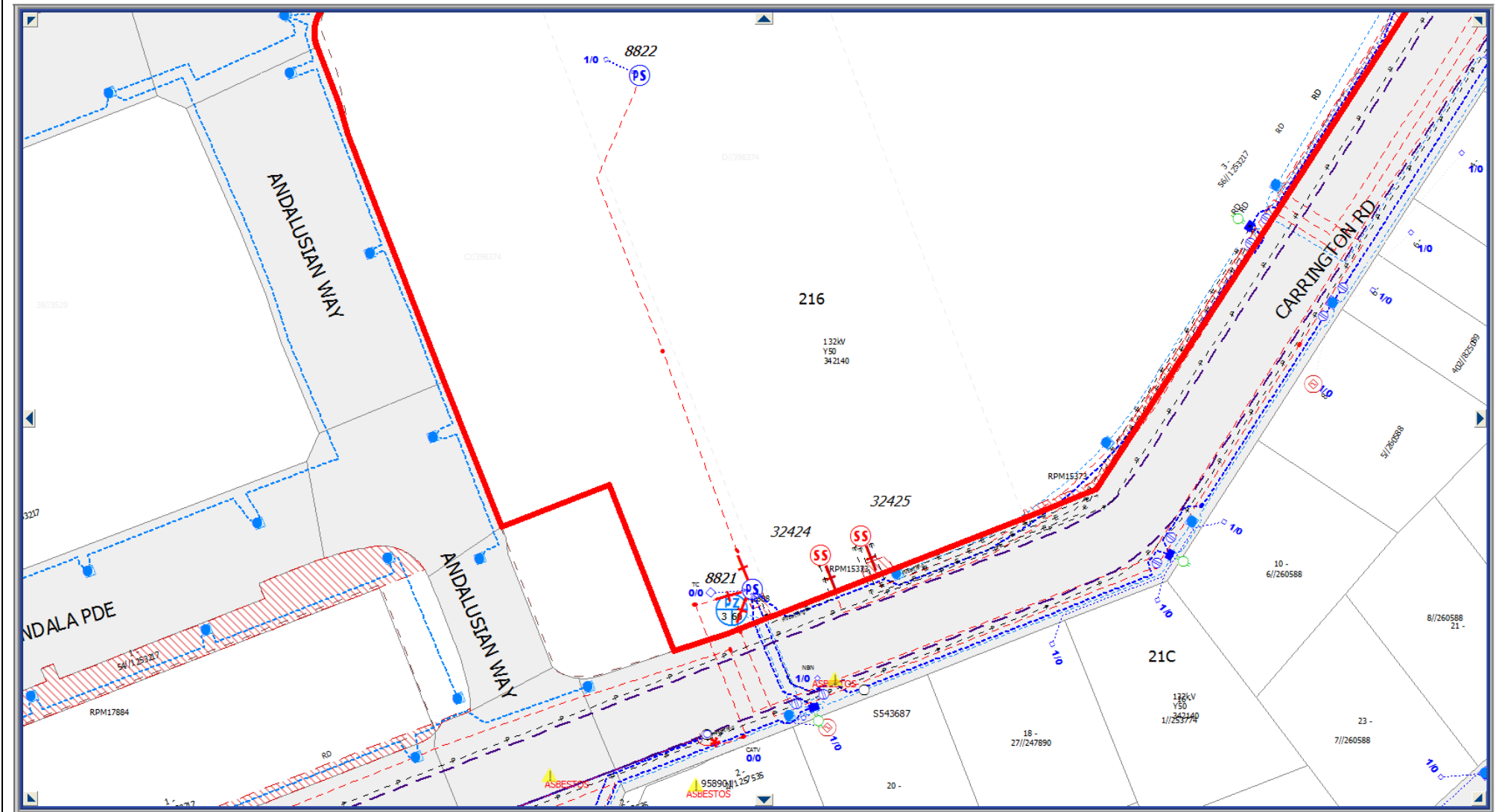
Endeavour Energy respectfully acknowledges the Traditional Custodians on whose lands we live, work, and operate and their Elders past and present.


























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

Photograph 15/03/2024. From padmount substation no. 8821 there appears to be extended low voltage overhead service conductor for temporary builder's supply traversing the site which is not shown in the Site Plan from Endeavour Energy's G/Net Master Facility Model.



Photograph 15/03/2024. The minimum required safety clearances must be maintained at all times.



