

The Secretary
NSW Department of Planning, Industry and Environment

20 November 2021

ATTENTION: Rebecka Groth

Dear Sir or Madam

I refer to the Department's below email of 18 November 2021 regarding the Environmental Impact Statement (EIS) for State Significant Development SSD-21190804 Jalco Manufacturing Facility for Fit-out and operation of warehouse 1 of Lot 201 in the ESR Horsley Logistics Park for Jalco Home Care Manufacturing Facility producing, storage, and distribution of household cleaning and disinfection products' at 6 Johnston Crescent, Horsley Park (Lot 201 DP 1244593) in the Fairfield City Council Local Government Area (LGA). Submissions need to be made to the Department by 16 December 2021.

Please refer to Endeavour Energy's previous submission made to the Department via email on 5 June 2011 for the Secretary's Environmental Assessment Requirements (SEARs) for State Significant Development SSD-21190804 Jalco Manufacturing Facility. The recommendations and comments provided therein remain valid.

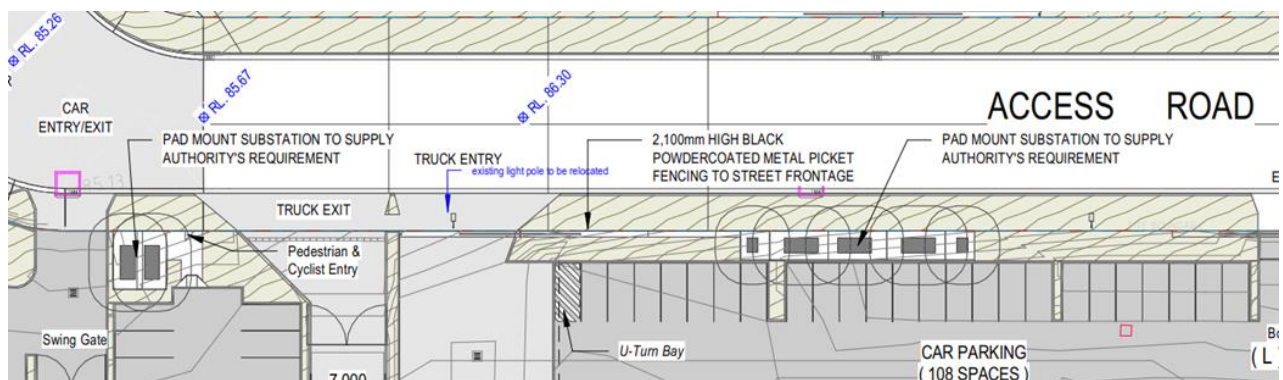
Subject to the foregoing and the following further recommendations and comments Endeavour Energy has no objection to the Development Application.

- Network Capacity / Connection

Endeavour Energy has noted the Services Appendix Q 'Services Change of Use Letter' refers to the commentary provided by Endeavour Energy but does not appear to further address in detail whether electricity services are available and adequate for the development.

Endeavour Energy is urging applicants /customers to engage with an Electrical Consultant prior to finalising plans to in order to assess and incorporate any required electricity infrastructure. In so doing the consideration can also be given to its impact on the other aspects of the proposed development. This can assist in avoiding the making of amendments to the plan or possibly the need to later seek modification of an approved development application.

As such it is unclear as to how the other reports provided with the EIS have taken into consideration the electricity infrastructure required to facilitate the proposed development. However as shown in the following extract of the Lot 201 Site & Facility Plan shows the provision for 'Pad Mount Substation to Supply Authority's Requirement'.



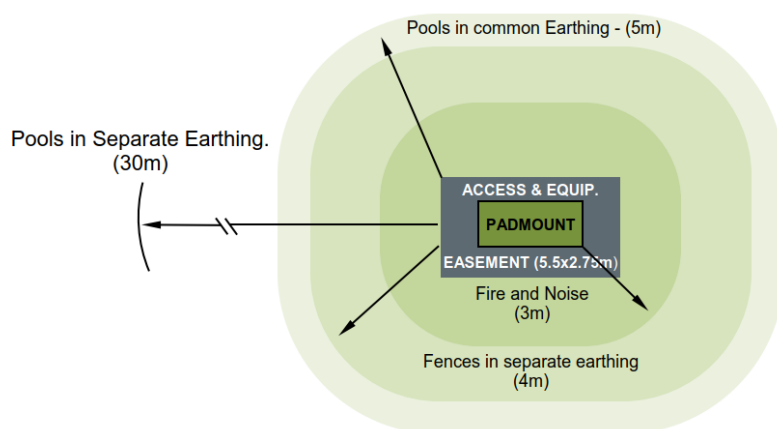
Generally it is the Level 3 Accredited Service Provider's (ASP) responsibility (engaged by the developer) to make sure that the substation location and design complies with Endeavour Energy's standards the suitability of access, safety clearances, fire ratings, flooding etc.

From Endeavour Energy's perspective the fact that provision is being made for a padmount substation is a positive. Endeavour Energy's general requirements is for a padmount substation to be at ground level and have direct access from a public street (unless provided with appropriate easements for the associated underground cables and right of access).

As shown in the following extract of Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights', Figure A4.3 'Padmount easements and clearances', padmount substations require:

- Easement with a minimum size of 2.75 x 5.5 metres (single transformer).
- Restriction for fire rating which usually extends 3 metres horizontally from the base of the substation footing / plinth and 6 metres vertically from the same point.
- Restriction for swimming pools which extends 5 metres from the easement.

A4.3 - Padmount easements and clearances



The easement should not cross property boundaries but the restriction/s may affect any adjoining property provided they are able to be registered on the title to that property. In addition the following matters also need to be considered in regard to the fire restriction:

- Personnel access doors and fire exit doors to a building are not permitted within the fire restriction area.
- Gas mains/pipes shall not pass through the fire restriction area.
- A 10 metre clearance distance shall be maintained between substation and fire hydrants, booster valves, and the like in accordance with AS2419.1 'Fire hydrant installations System design, installation and commissioning' as updated from time to time.
- Any landscaping that potentially could transfer / provide connectivity for flame or radiant heat from a fire in the substation to a dwelling or building should be avoided.
- The storage of and / or use of flammable, combustible, corrosive or explosive material within the fire restriction should be avoided.

Please find attached for the applicant's information copies of Endeavour Energy's:

- Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights'.
- Guide to Fencing, Retaining Walls and Maintenance Around Padmount Substations.

As previously advised the applicant will need to complete the connection of load process for the provision of electricity supply to the proposed development. Endeavour Energy's Customer Network Solutions Branch are responsible for managing the conditions of supply with the proponent and their Accredited Service Provider (ASP) and can be contacted via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666.

From the below updated site plan from Endeavour Energy's G/Net master facility model it is apparent the applicant has already progressed the application for connection of load with the installation of new padmount substations and switch stations over which easements and restrictions benefitting Endeavour Energy will need to be registered on the title to the property.

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.

With the current easing of the COVID-19 health risk, whilst a significant number of Endeavour Energy staff are returning to the office, it may sometimes take longer than usual to respond to enquiries. Thank you for your ongoing understanding during this time.

Yours faithfully

Cornelis Duba

Development Application Specialist

Sustainability & Environment

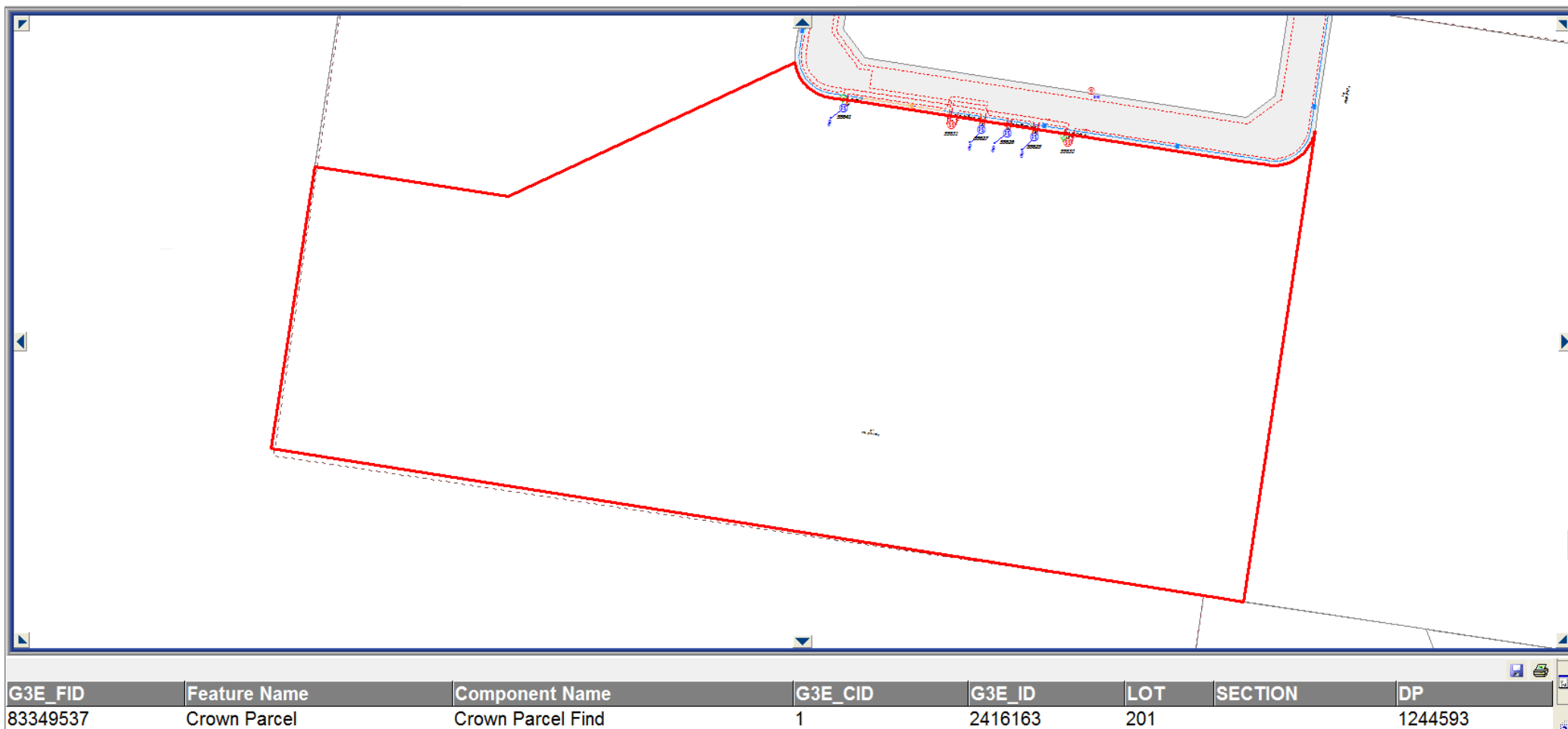
M: 0455 250 981

E: cornelis.duba@endeavourenergy.com.au

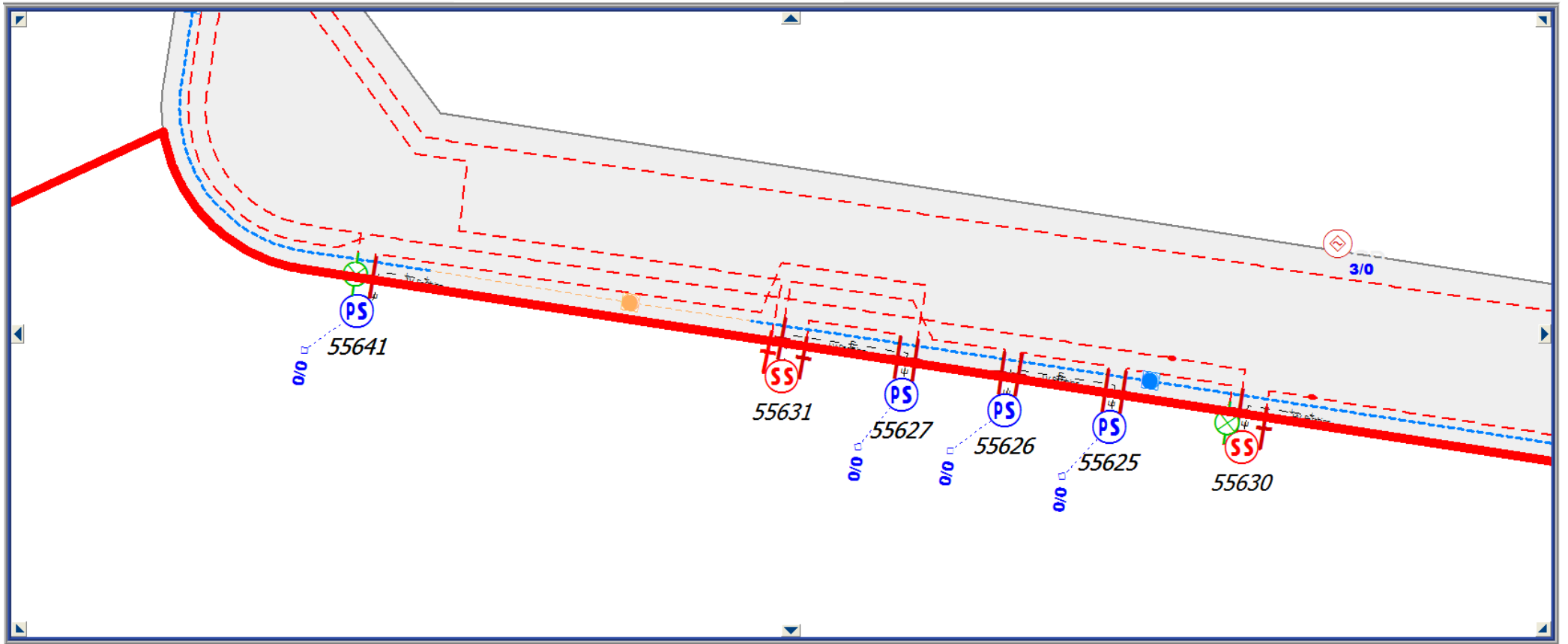
51 Huntingwood Drive, Huntingwood NSW 2148





















www.endeavourenergy.com.au





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 is not a 'Dial Before You Dig' plan under the provisions of 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
	Subject site

From: Jessica Fountain <Jessica.Fountain@planning.nsw.gov.au>
Sent: Thursday, 18 November 2021 12:12 PM
To: Property Development <Property.Development@endeavourenergy.com.au>
Cc: Rebecka Groth <rebecka.groth@dpie.nsw.gov.au>
Subject: Notice of Exhibition – Jalco Manufacturing Facility (SSD-21190804)

Dear Endeavour Energy

The Department of Planning, Industry and Environment (Department) has received an Environmental Impact Statement (EIS) for the Jalco Manufacturing Facility (SSD-21190804).

The EIS will be publicly exhibited from Friday 19 November 2021 to Thursday 16 December 2021.

The EIS can be viewed on the Department's Major Projects website at <https://www.planningportal.nsw.gov.au/major-projects/project/41996> from **Friday 19 November 2021**. If you wish to view the documents prior to this date, you will need to register an agency account on the Major Projects site. A User Guide is attached for your reference.

The Department invites you to advise on the proposal, including advice on recommended conditions by **Thursday 16 December 2021**.

If you have any enquiries, please contact Rebecka Groth on (02) 8275 1723 or via email at rebecka.groth@dpie.nsw.gov.au.

Regards

Jess Fountain
DA Coordinator

Energy, Resources and Industry Assessments | Department of Planning, Industry and Environment
T 02 9860 1559 | E jessica.fountain@planning.nsw.gov.au
4PSQ Level 17, 12 Darcy Street, Parramatta NSW 2150 | Locked Bag 5022, Parramatta NSW 2124
www.dpie.nsw.gov.au



The Department of Planning, Industry and Environment acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.



Please consider the environment before printing this e-mail.