

The Secretary
NSW Department of Planning, Industry & Environment

28 July 2022

ATTENTION: Ingrid Berzins

Dear Sir or Madam

I refer to the Department's email of 20 July 2022 regarding the exhibition of the Environmental Impact Statement (EIS), for State Significant Development SSD-30240120 Wollongong Private Hospital Expansion for 'Demolition of non-hospital buildings and erection of a nine-storey hospital extension with basement carpark, comprising 191 additional beds, emergency department, expansion of operating theatres, radiology and intensive care units and landscaping' at 15, 17, 19 and 21 Urunga Parade and 360, 366 and 368 Crown Street, Wollongong (Lot D DP 402234, Lots 9 & 47 DP 5507, Lot CP and 1-4 SP 73256, Lots A & B DP 343680, Lot 2 DP 1212956) in the Wollongong City Council Local Government Area (LGA). Submissions need to be made to the Department by 18 August 2022.

Please find attached a copy of Endeavour Energy's previous submission made to SLR Consulting via email on 10 March 2022 regarding the request for the Secretary's Environmental Assessment Requirements (SEARs). The recommendations and comments provided therein essentially remain valid.

Endeavour Energy has noted the following in the Infrastructure Requirements and Utilities Plan.

2.4 SUBSTATION

A preliminary maximum demand based on area methods give a preliminary additional demand of 2750kVA.

An existing substation (33773) is rated at 3x1500kVA located in the existing hospital Urunga Parade. It services the current hospital. A recorded peak of 491kVA has been advised by the supply authority.

It is anticipated the existing substation will be retained and to continue service the existing hospital and its internal loading requirements

The extension is anticipated to require an additional new substation to accommodate the new extension and anticipated loads. Preliminary calculations indicate a new 2x1500kVA chamber type substation to supplement the existing (subject to Endeavour Energy assessment). It would be proposed to also locate this new substation with access from Urunga Parade, located within the new extension.

An existing High Voltage line exists in Urunga parade that currently services the existing private hospital substation 33773. The HV supply is generally an aerial type, but traverses underground to supply the existing private hospital substation. Refer to Figure 2.4.

Final supply arrangements are required to be negotiated by the successful contractor with the local supply authority.

Note: Demand calculation will be revisited upon confirmation of final internal make-up/usage of building.

Final substation arrangements and design will be carried out by an authorised Level 3 Accredited Services Provider (ASP) during the detailed design phases of the project.

Endeavour Energy application and contribution costs will be as Endeavour Energy policies for substation and associated works.

Any Endeavour Energy works will be carried out via Endeavour Energy Policies via Level 1 and Level 3 Accredited Services Providers as per NSW Department of Planning and Environment requirements.

Figure 2.4 is attached indicating general arrangements of the existing Endeavour network around the site

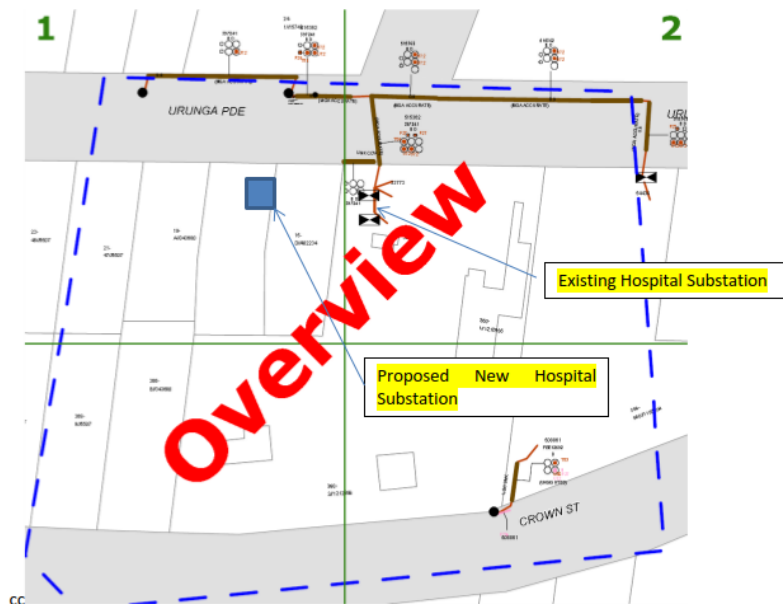


Figure 2.4 - Existing Underground Endeavour Energy Network and Indicative New Substation Location

The 'Proposed New Hospital Substation' does not appear to be shown in the Architectural Plans. As shown in the following Clause 5.3.5 'Indoor substations', from Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights', indoor substations require the following:

5.3.5 Indoor substations

The boundaries of an easement for indoor substation must be defined by the internal face of the walls, ceiling, floor, and cable trenches of the substation room.

An easement for the cables that enter and exit the substation room will also be required if they are not installed within public roads and/or existing Endeavour Energy easements.

A right of access may also be required to give Endeavour Energy employees, vehicles, and equipment unrestricted access to the indoor substation at all times.

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.

Subject to the foregoing Endeavour Energy has no objection to the Development Application.

Should the Department or the applicant require any further advice enquires can be made by contacting 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 proponent 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 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 Springhill 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 submission to SLR Consulting 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

Sustainability & Environment

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From: Cornelis Duba

Sent: Friday, 4 March 2022 10:50 AM

To: Kiera Plumridge <kplumridge@slrconsulting.com>

Cc: Dan Thompson <dthompson@slrconsulting.com>; Easements <Easements@endeavourenergy.com.au>

Subject: SSD-30240120 Wollongong Private Hospital Extension CSPS and SIA Stakeholder Meeting Request

Hello Kiera

I refer to your below email of 3 March 2022 regarding the Secretary's Environmental Assessment Requirements (SEARs) for State Significant Development SSD-30240120 Wollongong Private Hospital Expansion for 'Demolition of existing site buildings and erection of a six storey hospital extension with basement carpark, comprising 251 inpatient units, emergency department, expansion of operating theatres, radiology and intensive care units, and landscaping' at 15, 17, 19 and 21 Urunga Parade and 360, 366 and 368 Crown Street, Wollongong (Lot D DP 402234, Lots 9 & 47 DP 5507, Lot CP and 1-4 SP 73256, Lots A & B DP 343680, Lot 2 DP 1212956) in the Wollongong City Council Local Government Area (LGA).

Whilst unable to attend the meeting, please find attached Endeavour Energy's advice which is based on the system being used for submissions to concurrence and referrals received via the NSW Planning Portal. The introduction of standard type conditions was required to keep up with the work load and expedite responses. I appreciate not all the issues in the submission may be directly or immediately relevant or significant to the proposed development. However, Endeavour Energy's preference is to alert proponents / applicants of the potential matters that may arise should development within closer proximity of the existing and/or required electricity infrastructure needed to facilitate the proposed development on or in the vicinity of the site occur.

Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified in Endeavour Energy's advice 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.

Kind regards

Cornelis Duba

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51 Huntingwood Drive, Huntingwood NSW 2148

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From: Kiera Plumridge <kplumridge@slrconsulting.com>

Sent: Thursday, 3 March 2022 12:01 PM

Cc: Dan Thompson <dthompson@slrconsulting.com>

Subject: Wollongong Private Hospital Extension CSPS and SIA Stakeholder Meeting Request

To the Agency Representative,

As part of the preparation of a development application for the Wollongong Private Hospital Extension, AA Crown seek to engage with stakeholders to the development. SLR Consulting have been engaged to undertake this consultation as per 'Undertaking Engagement Guidelines for State Significant Projects' (NSW DPIE, 2021).

A request for the Secretary's Environmental Assessment Requirements (SEARs) was submitted to the NSW Department of Planning, Industry, and Environment (NSW DPIE) in October 2021 and SEARs (SSD-30240120) were issued on 28 October 2021.

A link to the SEARs request and relevant documentation including plans can be found here:
<https://www.planningportal.nsw.gov.au/major-projects/projects/wollongong-private-hospital-expansion>

The purpose of this email is to seek attendance at a meeting to provide clarification on any matters that stakeholders may want to see included in the Community and Stakeholder Participation Strategy (CSPS) and subsequent Social Impact Assessment (SIA), or any concerns regarding the proposal.

If you could please provide confirmation of attendance at the meeting date listed in the attached letter that would be greatly appreciated, otherwise a response to this email with any comments or concerns would also be appreciated. If attendance is possible, a Teams invitation will follow your response email.





Please find my details below should you wish to discuss further.

Kind regards,



Kiera Plumridge

Senior Consultant - Environment & Social Impact Assessment

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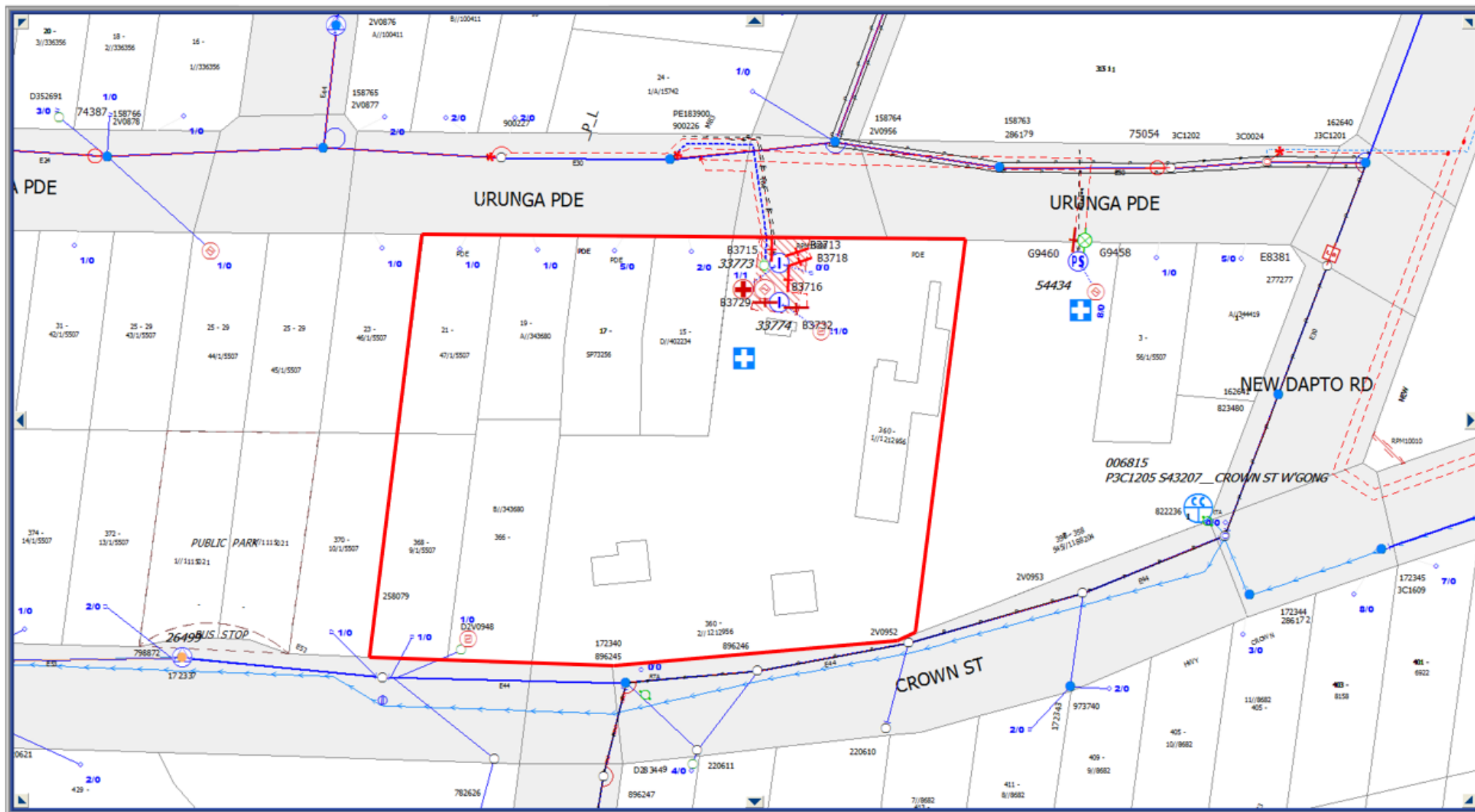
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President's Award 2020

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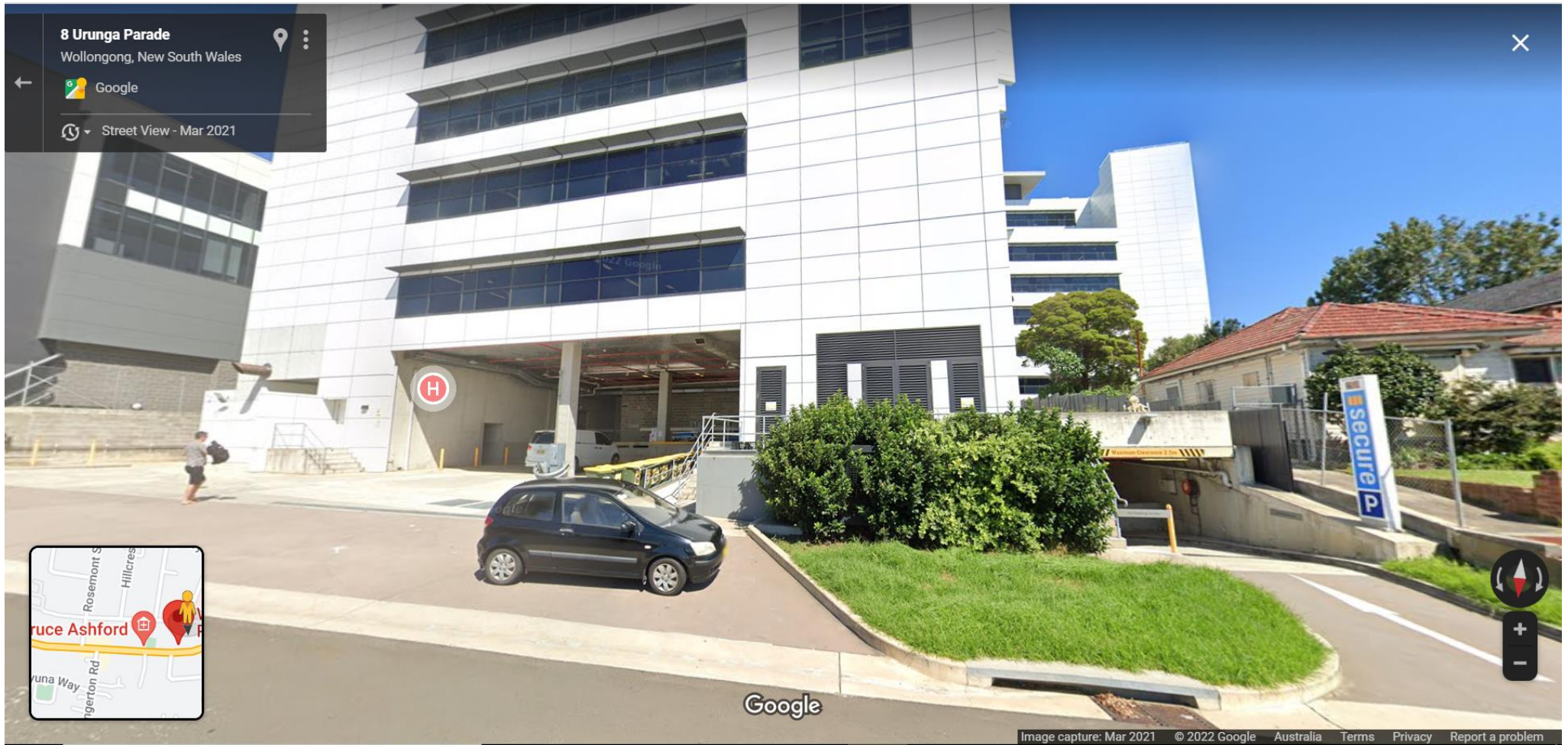
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Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. In addition it must be recognised that the electricity network is constantly extended, augmented and modified and there 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 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
	Load break switch
	Proposed removed
	Easement
	Subject site



Google Maps Street View. Indoor substation no.s 33773 and 33774 located to the Urunga Parade road frontage.