

**Development Application and Planning Proposal Review  
NSW Planning Portal Concurrence and Referral**



| Authority                           | Authority's Reference | Agency Concurrence and Referral | Authority Contact | Authority Notification | Submission Due | Submission Made |
|-------------------------------------|-----------------------|---------------------------------|-------------------|------------------------|----------------|-----------------|
| NSW Dept. of Planning & Environment | SSD-49584708          |                                 | Thomas Bertwistle | 19/05/2023             | 19/06/2023     | 23/05/2023      |

| Address  | Land Title                         |
|--|------------------------------------|
| 165 Wallgrove Road and 475 Ferrers Road, Eastern Creek | Lot 10 DP 1061237, Lot 5 DP 804051 |

**Scope of Development Application or Planning Proposal**

Environmental Impact Statement (EIS) for the Light Horse Interchange Warehouses - Lots 1 and 3. Construction and operation of two warehouse buildings on Lots 1 and 3 of the Light Horse Interchange Business Hub.

**As shown in the below site plan from Endeavour Energy's G/Net master facility model:**

In regard to Lot1 and 3 there are:

- No easements benefitting Endeavour Energy (active easements are indicated by red hatching).
- No existing electricity distribution network.
- In a 'Developer Area' with the proposed subdivision / road layout indicating enquiries and applications for contestable works projects for electricity supply with Endeavour Energy's Customer Network Solutions Branch who are responsible for managing the conditions of supply with the proponent and their Accredited Service Provider (ASP).

Relevant / applicable clause numbers from Endeavour Energy's standard conditions for Development Application and Planning Proposal Review indicated by ☒ .

| Condition                           | Advice                              | Clause No. | Issue                   | Detail  |
|-------------------------------------|-------------------------------------|------------|-------------------------|---|
| <input type="checkbox"/>            | <input type="checkbox"/>            | 1          | Adjoining Sites         | Adjoining or nearby development / use should be compatible with the use of Endeavour Energy's sites.  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 2          | Asbestos                | Area identified or suspected of having asbestos or asbestos containing materials (ACM) present in the electricity network.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 3          | Asset Planning          | Applicants should not assume adequate supply is immediately available to facilitate their proposed development.   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 4          | Asset Relocation        | Application must be made for an asset relocation / removal to determine possible solutions to the developer's requirements.   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 5          | Before You Dig          | Before commencing any underground activity the applicant must obtain advice from the Before You Dig service.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 6          | Bush Fire               | Risk needs to be managed to maintain the safety of customers and the communities served by the network.   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 7          | Construction Management | Integrity of electricity infrastructure must be maintained and not impacted by vehicle / plant operation, excessive loads, vibration, dust or moisture penetration. |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 8          | Contamination           | Remediation may be required of soils or surfaces impacted by various forms of electricity infrastructure.   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 9          | Demolition              | All electricity infrastructure shall be regarded as live and care must be taken to not interfere with any part of the electricity network.                          |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 10         | Dispensation            | If a proposal is not compliant with Endeavour Energy's engineering documents or standards, the applicant must request a dispensation.                               |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 11         | Driveways               | For public / road safety and to reduce the risk of vehicle impact, the distance of driveways from electricity infrastructure should be maximised.                   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 12         | Earthing                | The construction of any building or structure connected to or in close proximity to the electrical network must be properly earthed.                                |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 13         | Easement Management     | Preference is for no activities to occur in easements and they must adhere to minimum safety requirements.  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 14         | Easement Release        | No easement is redundant or obsolete until it is released having regard to risks to its network, commercial and community interests.                                |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 15         | Easement Subdivision    | The incorporation of easements into to multiple / privately owned lots is generally not supported.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 16         | Emergency Contact       | Endeavour Energy's emergency contact number 131 003 should be included in any relevant risk and safety management plan.   |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 17         | Excavation              | The integrity of the nearby electricity infrastructure shall not be placed at risk by the carrying out of excavation work.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 18         | Flooding                | Electricity infrastructure should not be subject to flood inundation or stormwater runoff.  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 19         | Hazardous Environment   | Electricity infrastructure can be susceptible to hazard sources or in some situations be regarded as a hazardous source.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 20         | Modifications           | Amendments can impact on electricity load and the contestable works required to facilitate the proposed development.  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | 21         | Network Access          | Access to the electricity infrastructure may be required at any time particularly in the event of an emergency.   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 22         | Network Asset Design    | Design electricity infrastructure for safety and environmental compliance consistent with safe design lifecycle principles.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 23         | Network Connection      | Applicants will need to submit an appropriate application based on the maximum demand for electricity for connection of load.                                       |

| Condition                | Advice                              | Clause No. | Issue                     | Detail   |
|--------------------------|-------------------------------------|------------|---------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/>            | 24         | Protected Works           | Electricity infrastructure without an easement is deemed to be lawful for all purposes under Section 53 'Protection of certain electricity works' of the <i>Electricity Supply Act 1995</i> (NSW). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 25         | Prudent Avoidance         | Development should avert the possible risk to health from exposure to emissions from electricity infrastructure such as electric and magnetic fields (EMF) and noise.                              |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 26         | Public Safety             | Public safety training resources are available to help general public / workers understand the risk and how to work safely near electricity infrastructure.  |
| <input type="checkbox"/> | <input type="checkbox"/>            | 27         | Removal of Electricity    | Permission is required to remove service / metering and must be performed by an Accredited Service Provider.   |
| <input type="checkbox"/> | <input type="checkbox"/>            | 28         | Safety Clearances         | Any building or structure must comply with the minimum safe distances / clearances for the applicable voltage/s of the overhead power lines.   |
| <input type="checkbox"/> | <input type="checkbox"/>            | 29         | Security / Climb Points   | Minimum buffers appropriate to the electricity infrastructure being protected need to be provided to avoid the creation of climb points.   |
| <input type="checkbox"/> | <input type="checkbox"/>            | 30         | Service Conductors        | Low voltage service conductors and customer connection points must comply with the 'Service and Installation Rules of NSW'.  |
| <input type="checkbox"/> | <input type="checkbox"/>            | 31         | Solar / Generation        | The performance of the generation system and its effects on the network and other connected customers needs to be assessed.  |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 32         | Streetlighting            | Streetlighting should be reviewed and if necessary upgraded to suit any increase in both vehicular and pedestrian traffic.   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 33         | Sustainability            | Reducing greenhouse gas emissions and helping customers save on their energy consumption and costs through new initiatives and projects to adopt sustainable energy technologies.                  |
| <input type="checkbox"/> | <input type="checkbox"/>            | 34         | Swimming Pools            | Whenever water and electricity are in close proximity, extra care and awareness is required.   |
| <input type="checkbox"/> | <input type="checkbox"/>            | 35         | Telecommunications        | Address the risks associated with poor communications services to support the vital electricity supply network Infrastructure.   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 36         | Vegetation Management     | Landscaping that interferes with electricity infrastructure is a potential safety risk and may result in the interruption of supply.   |
| <b>Completed by:</b>     |                                     |            | <b>Decision</b>           |  |
| Cornelis Duba            |                                     |            | Approve (with conditions) |  |

**Cornelis Duba** | Development Application Specialist

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

## Reason(s) for Conditions / Decision (If applicable)

- The Environmental Impact Statement includes the following addressing whether the available electricity services are adequate for the proposed development. .

Table 7. Key Features of Site and Locality.

| Description | Site Details  |
|-------------|---|
| Services    | The existing utility services will be augmented to accommodate the needs of the approved development. The Concept Approval (SSD 9667) provides for the provision of infrastructure and essential services. This includes a new road and roundabout intersection from Ferrers Road capable of supporting B Double Heavy Vehicles |

- The foregoing is in keeping with the Site Plan from Endeavour Energy's G/Net Master Facility Model showing the site being in a 'Developer Area'. 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.
- Any required padmount substation/s will need to be located within the property (in a suitable and accessible location) and be protected 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.

For further information please also refer to the attached 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.
- The planting of large / deep rooted trees near electricity infrastructure is opposed by Endeavour Energy. Existing trees which are of low ecological significance in proximity of electricity infrastructure should be removed and if necessary replaced by an alternative smaller planting. The landscape designer will need to ensure any planting near electricity infrastructure achieves Endeavour Energy's vegetation management requirements.

No planting of trees is allowed in the easement for a padmount substation. Screening vegetation around a padmount substation should be planted a minimum distance of 800mm plus half of the mature canopy width from the substation easement and have shallow / non-invasive roots. This is to avoid trees growing over the easement as falling branches may damage the cubicle and tree roots the underground cables. All vegetation is to be maintained in such a manner that it will allow unrestricted access by electrical workers to the substation easement all times.
- Not all the conditions / advice marked may be directly or immediately relevant or significant to the Development Application ie. if a padmount substation is not required on the site. 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.

## Condition or Advice

With Endeavour Energy's Development Application and Planning Proposal Review process / system the intent of the 'Standard Conditions' being indicated as either a 'Condition' or 'Advice' essentially depends on the risk associated with the matter. If the matter is one that is likely or very likely to be an issue / needed to be addressed by the applicant and may require corrective action, then it is marked as a 'Condition'. If the matter is less likely and the consequences of the applicant not addressing it are lower or can be readily rectified, then it is marked as 'Advice'. If the matter is considered to be not applicable / relevant then it is not marked as either.

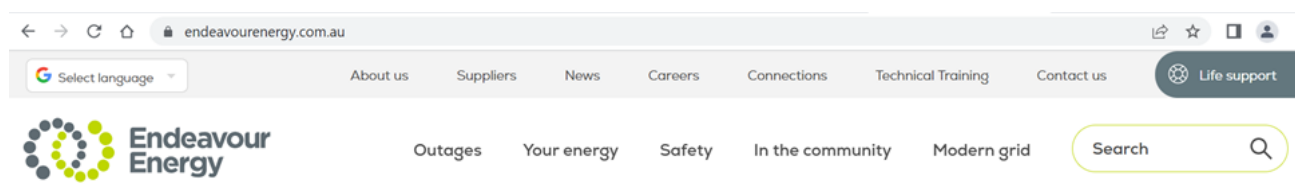
For example, the obtaining advice from the Before You Dig service in accordance with the requirements of the *Electricity Supply Act 1995* (NSW) and associated Regulations is a standard / regulatory requirement. It will be generally indicated as 'Advice'. If the Site Plan from Endeavour Energy's G/Net Master Facility Model indicates there is some uncertainty over the extent or location of the underground cables on or near the site, it would then be indicated as 'Condition' and require action to be undertaken by the applicant eg. the use of an underground asset locating device or a certified locator to verify the asset location.

## Decision

In the NSW Planning Portal for the 'Agency response', as Endeavour Energy is not a concurring authority under the provision of the *Environmental Planning and Assessment Act 1979* (NSW), it does not 'Approve' or 'Refuse' a Development Application in the Portal. It will 'Approve (with conditions)' (which may 'Object' in the submission and detail the matters requiring resolution), or if all the matters in the submission are marked as for 'Advice', the outcome of the assessment will also be 'Advice'.

## Further Advice

The 'Standard Conditions' include additional advice and contact details and further information is also available on Endeavour Energy's website at <https://www.endeavourenergy.com.au/>.



The following contacts can be reached by calling Endeavour Energy via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666.

| Branch / Section   | Matters  | Email  |
|--|--|--|
| Customer Network Solutions                               | Electricity supply or asset relocation who are responsible for managing the conditions of supply with the applicant and their Accredited Service Provider (ASP). | <a href="mailto:cicadmin@endeavourenergy.com.au">cicadmin@endeavourenergy.com.au</a>                     |
| Easement Officers  | Easement management or protected works / assets.   | <a href="mailto:Easements@endeavourenergy.com.au">Easements@endeavourenergy.com.au</a>                   |
| Property   | Property tenure eg. the creation or release of easements.  | <a href="mailto:network_property@endeavourenergy.com.au">network_property@endeavourenergy.com.au</a>     |
| Field Operations (to the relevant Field Service Centre). | Safety advice for building or working near electrical assets in public areas (including zone and transmission substations).                                      | <a href="mailto:Construction.Works@endeavourenergy.com.au">Construction.Works@endeavourenergy.com.au</a> |

**Please note Endeavour Energy's above contacts do not have access to the NSW Planning Portal. To resolve any matters direct contact should be made with the responsible contact. This will avoid double handling and possible delays in responding to the applicant / Council.**

Details of the Accredited Service Provider (ASP) Scheme which accredits organisations to perform contestable work on the NSW electricity distribution network are available via the following link to the Energy NSW website at <https://www.energysaver.nsw.gov.au/get-energy-smart/dealing-energy-providers/installing-or-altering-your-electricity-service>.

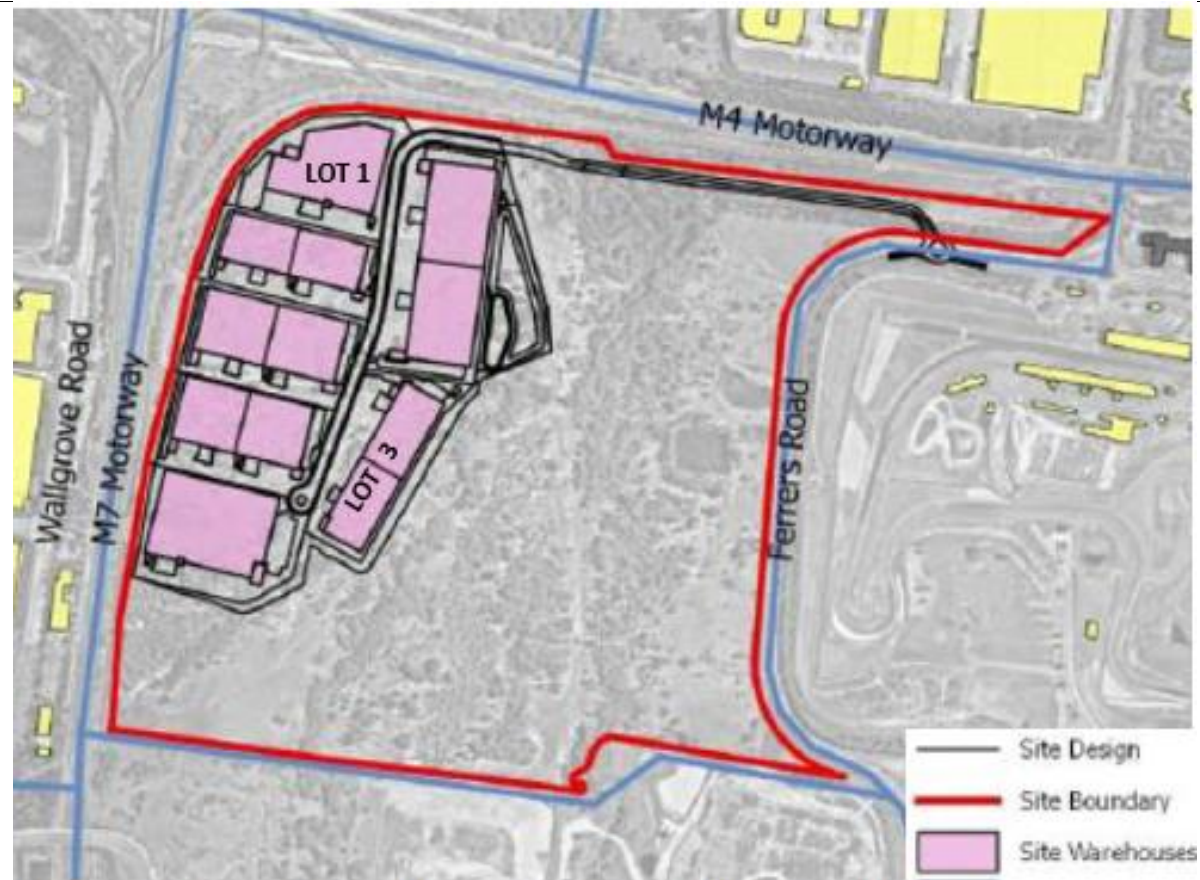


Figure 15. NCAs and Sensitive Receiver Locations.

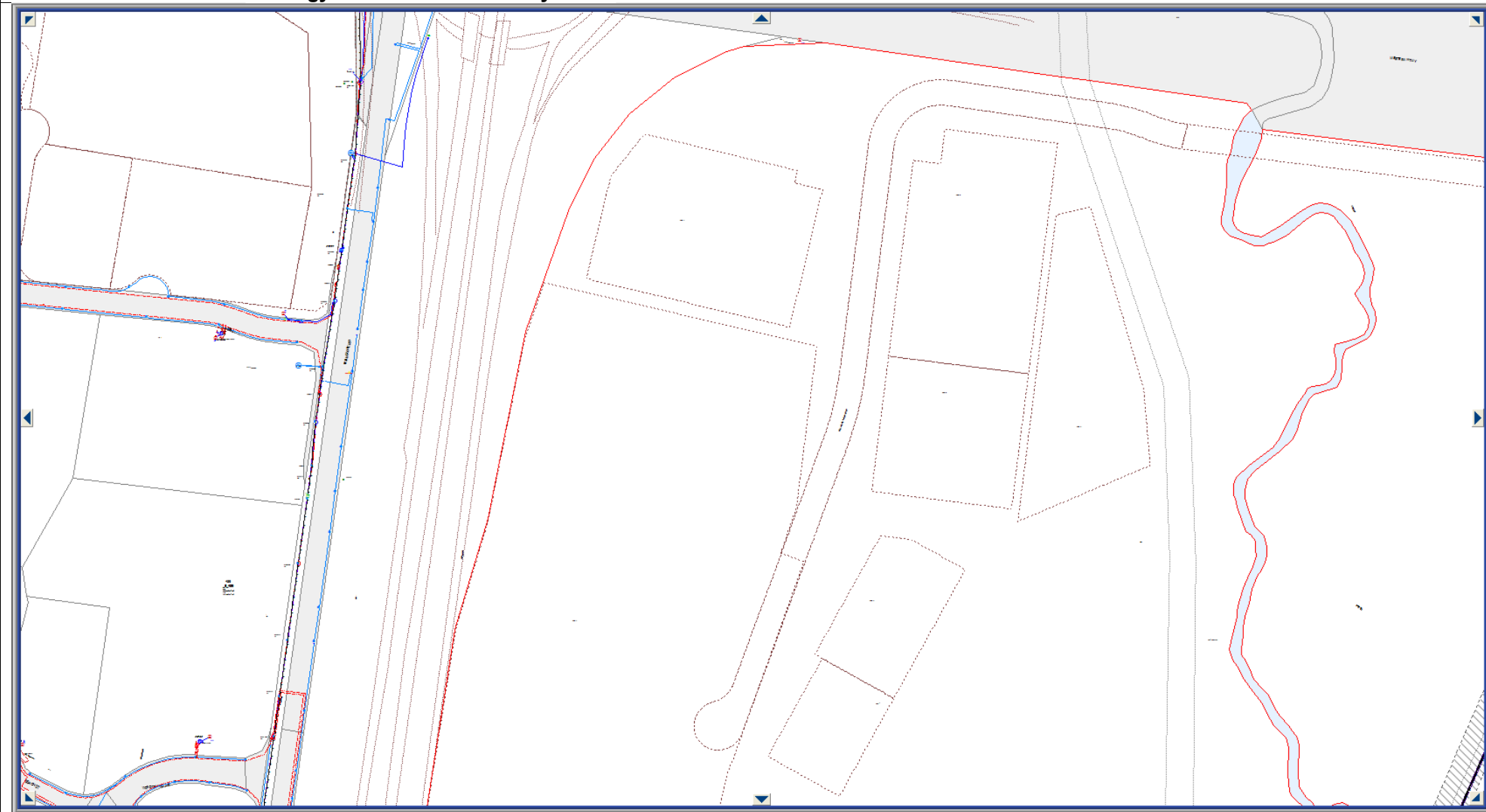


### Site Plan from Endeavour Energy's G/Net Master Facility Model




























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                     |

## Google Maps Street View

