

**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 and Environment | SSD-5267-Mod-3 | | Emma Barnet | 2/12/2022 | 15/12/2022 | 7/12/2022 |

| Address | Land Title |
|---------------------------|-----------------|
| 126 Andrews Road, Penrith | Lot 1 DP 747153 |

Scope of Development Application or Planning Proposal

Modification 3 Penrith Glass Recycling Volume Increase. Seeking approval to increase the capacity of the glass recycling facility by 75,000 tonnes per year to enable it to accept and process up to 150,000 tonnes of glass waste per year.

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

There are:

- Easements benefitting Endeavour Energy (indicated by red hatching) for 11,000 volt / 11 kilovolt (kV) high voltage overhead power lines and underground cables.

The 11 kV high voltage overhead power lines come from Andrews Road crossing 112- 124 Andrews Road (Lot 3 DP 747153) over which there is no easement but is regarded as protected works under Section 53 'Protection of certain electricity works' of the *Electricity Supply Act 1995* (NSW).
- Easement and restriction for fire rating for padmount substations no.s 14344 and 95251 from which there are underground earth cables and low voltage underground service conductors going to the customer connection points for the existing premises.
- Adjoins an easement for low voltage, 11 kV high voltage and 33,000 volt / 33 kV high voltage overhead power lines, overhead earth cables and overhead pilot cables (carrying protection signals or communications between substations).
- Low voltage and 11 kV high voltage underground cables to the battle-axe access / road frontage.
- Endeavour Energy's Cranebrook Zone Substation is located opposite at 115-125 Andrews Road Cranebrook (Lot 4 DP 595931).

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 checked="" 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 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 checked="" 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 type="checkbox"/> | 19 | Hazardous Environment | Electricity infrastructure can be susceptible to hazard sources or in some situations be regarded as a hazardous source. |
| <input type="checkbox"/> | <input type="checkbox"/> | 20 | Modifications | Amendments can impact on electricity load and the contestable works required to facilitate the proposed development. |
| <input checked="" 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 type="checkbox"/> | 22 | Network Asset Design | Design electricity infrastructure for safety and environmental compliance consistent with safe design lifecycle principles. |
| <input type="checkbox"/> | <input checked="" 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 checked="" 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 checked="" 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. |
| Completed by: | | | | Decision |
| Cornelis Duba | | | | Approve (with conditions) |

Cornelis Duba | Development Application Specialist

M 0455250981

E comelis.duba@endeavourenergy.com.au

51 Huntingwood Drive, Huntingwood NSW 2148. Dharug Country

endeavourenergy.com.au |    



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)

- As an adjoining or nearby owners and occupiers, Endeavour Energy's Cranebrook Zone Substation being a non-habitable building / site is comparatively less impacted. Whilst Endeavour Energy is not necessarily opposed to the Development Application, it will leave the determination in regards to the environmental impact and the appropriate development controls to the Department.
- Protected works under Section 53 'Protection of certain electricity works' of the *Electricity Supply Act 1995* (NSW) may be managed as if an easement is in place. Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure' requires a minimum easement width of 9 metres for low voltage up to 22,000 volt / 22 kV overhead power lines ie. 4.5 metres to both sides of the centreline of the poles / conductors.
- The S4.55(2) Modification Application does not appear to address the easements / electricity infrastructure on or near the site.
- All encroachments and /or activities (works) within or affecting an easement, restriction or protected works (other than those approved / certified by Endeavour Energy's Customer Network Solutions Branch as part of an enquiry / application for load or asset relocation project and even if not part of the Development Application) need to be referred to Endeavour Energy's Easement Officer for assessment and possible approval if they meet the minimum safety requirements and controls. However please note that this does not constitute or imply the granting of approval by Endeavour Energy to any or all of the proposed encroachments and / or activities within the easement.

For further information please refer to the attached copies of Endeavour Energy's:

- General Restrictions for Overhead Power Lines.
 - General Restrictions for Underground Cables.
 - Guide to Fencing, Retaining Walls and Maintenance Around Padmount Substations.
 - Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights' which deals with activities / encroachments within easements.
- The S4.55(2) Modification Application does not appear to address whether electricity services are available and adequate for the proposed development. From the following extract of the Executive Summary of the S4.55(2) Modification Application does Presumably there is no increase in electrical load but the electricity consumption may increase with the increased capacity?

Description of Proposed Modification

No construction works are required under this Modification Proposal.

The Site processing activities would not change under this Modification Proposal. Improvements to sorting machinery through the Glass Recovery Maximisation Project will increase the sorting efficiency and capacity of the Site, however the overall process flow of material and operations at the Site would not change.

The following equipment upgrade, and new equipment installation would occur as part of the Glass Recovery Maximisation Project:

- New additional screens for glass fines <4 mm
- New replacement gas dryer (including burner)
- Two new optical sorters
- Upgraded technology for existing optical sorters.

The total maximum number of trucks accessing the Site would be 50 trucks per day, an increase of sixteen trucks from current site operations.

Hours of operation at the Site under this Modification Proposal would remain as per existing operations and will be 24 hours, 7 days a week. The typical processing operations of the Site however would change to six days Monday to Saturday, with site cleaning and maintenance occurring on Sunday.

- To ensure an adequate connection, the applicant may need to engage an Accredited Service Provider (ASP) of an appropriate level and class of accreditation to assess the electricity load and the proposed method of supply for the development.
- 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.

- Not all the conditions / advice marked may be directly or immediately relevant or significant to the Development Application. 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.
- Please note Endeavour Energy can only assess the Development Application based on the information provided by the applicant and the Department. Due to time and resource constraints it is not possible to refer all development application notifications to the relevant internal stakeholders for review and advice or to request additional information from the applicant or Council. Applicants should be providing proper detailed plans of the electricity infrastructure / easements on or near the site and address the potential impacts of the proposed development thereon. The provision of inadequate detail may result in Endeavour Energy objecting to the Development Application.

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.

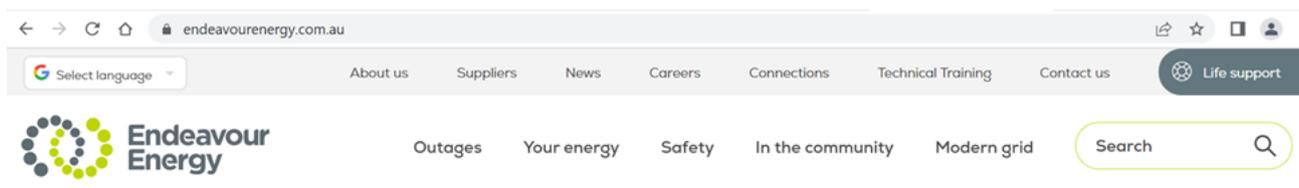
For example, the obtaining advice from the Before You Dig service in accordance with the requirements of the *Electricity Supply Act 1995* (NSW) and associated Regulations is a standard / regulatory requirement. It will be generally indicated as 'Advice'. If the Site Plan from Endeavour Energy's G/Net 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/>.



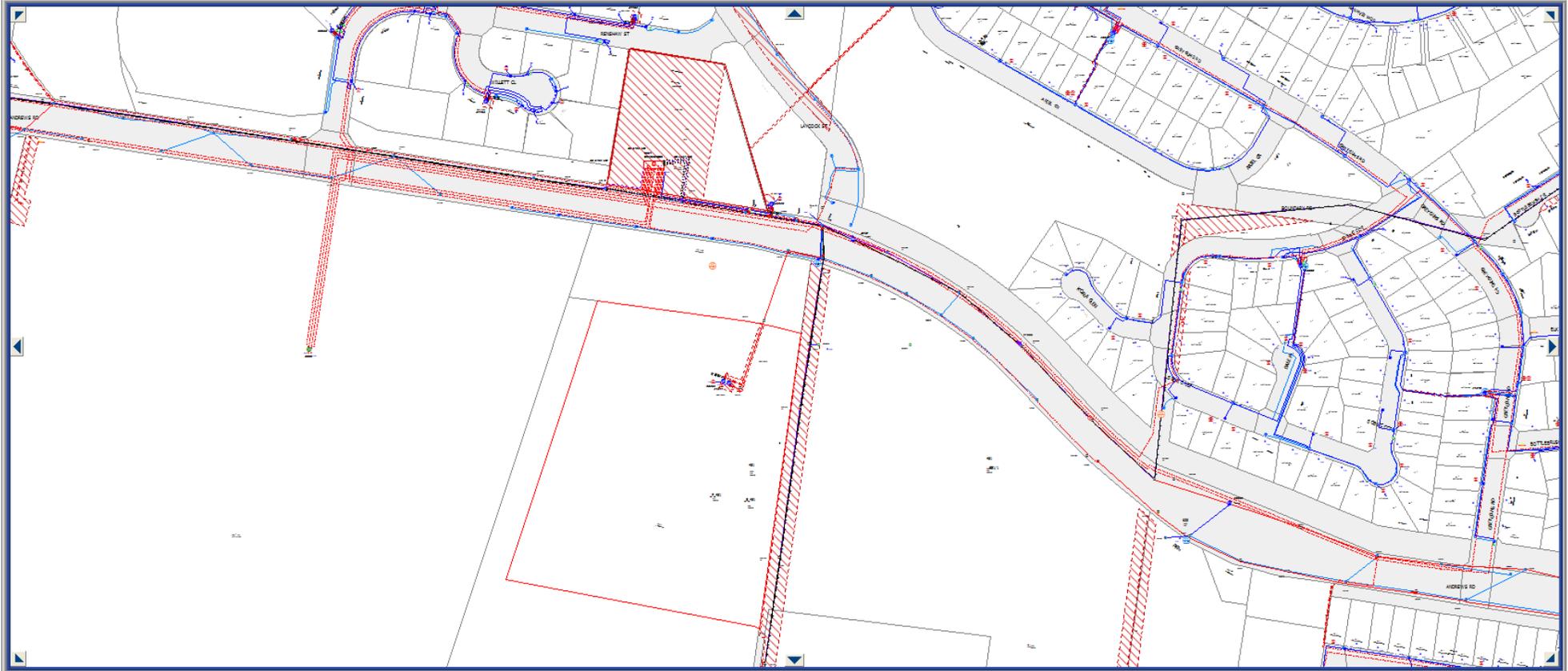
The following contacts can be reached by calling Endeavour Energy via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666.

| 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). | cicadmin@endeavourenergy.com.au |
| Easement Officers | Easement management or protected works / assets. | Easements@endeavourenergy.com.au |
| Property | Property tenure eg. the creation or release of easements. | network_property@endeavourenergy.com.au |
| 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). | Construction.Works@endeavourenergy.com.au |

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>.

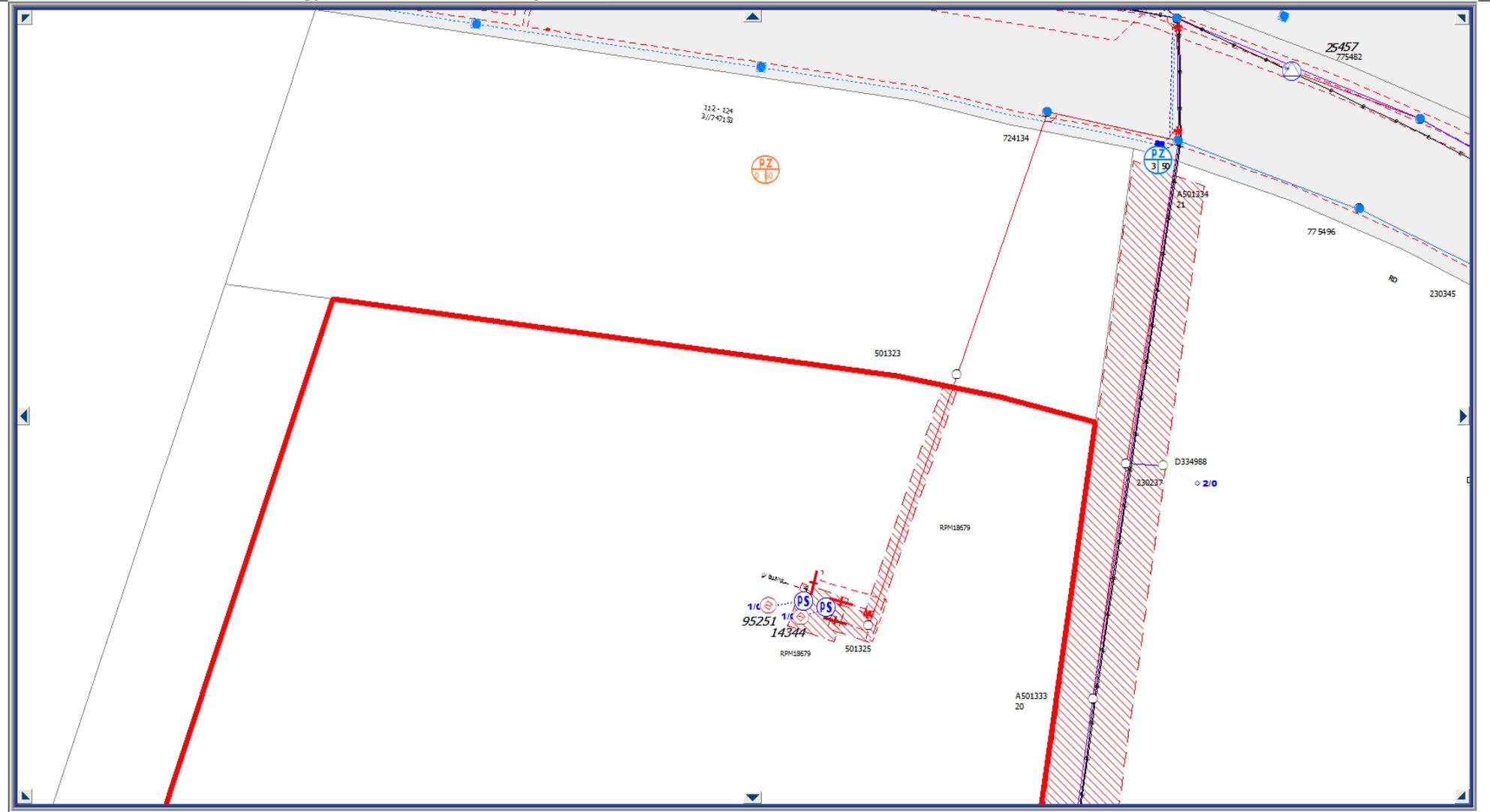
Site Plan from Endeavour Energy's G/Net Master Facility Model



| G3E_FID | Feature Name | Component Name | G3E_CID | G3E_ID | LOT | SECTION | DP |
|----------|--------------|-------------------|---------|---------|-----|---------|--------|
| 79591275 | Crown Parcel | Crown Parcel Find | 1 | 2162563 | 1 | | 747153 |

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 |

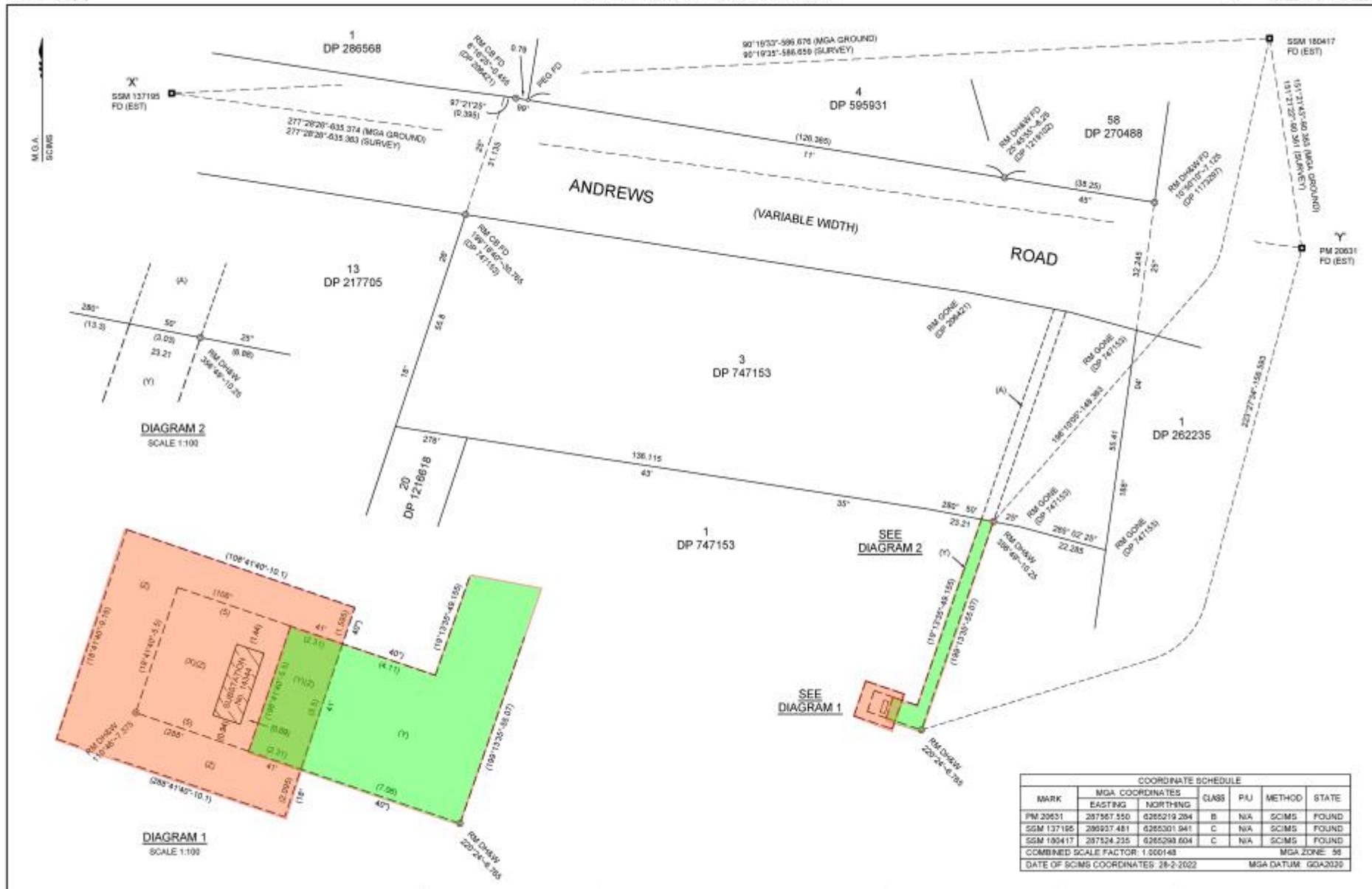
Extract of DP 1282128

PLANFORM 2 (A2)

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

LXML

SHEET 1 OF 1 SHEETS



| COORDINATE SCHEDULE | | | | | | |
|--------------------------------------|-----------------|-------------|-------|-----|--------|--------------------|
| MARK | MGA COORDINATES | | CLASS | PIJ | METHOD | STATE |
| | EASTING | NORTHING | | | | |
| PM 20631 | 287567.550 | 6265219.284 | B | N/A | SCIMS | FOUND |
| SGM 137195 | 286937.481 | 6265301.941 | C | N/A | SCIMS | FOUND |
| SGM 199417 | 287524.235 | 6265298.604 | C | N/A | SCIMS | FOUND |
| COMBINED SCALE FACTOR: 1.000148 | | | | | | MGA ZONE: 56 |
| DATE OF SCIMS COORDINATES: 28-2-2022 | | | | | | MGA DATUM: GDA2020 |

- (A) EASEMENT FOR ELECTRICITY PURPOSES 1 WIDE (DP 747153)
- (X) EASEMENT FOR PADMOUNT SUBSTATION 5.5 WIDE
- (Y) EASEMENT FOR OVERHEAD POWER LINES AND UNDERGROUND CABLES VARIABLE WIDTH
- (Z) RESTRICTION ON THE USE OF LAND

| | | | |
|--|--|--|--|
| <p>SURVEYOR Name: JARROD HOCKING Date: 28-2-2022 Reference: 10269-055</p> | <p>PLAN HEADING PLAN OF EASEMENT AFFECTING LOT 1 IN DP 747153</p> | <p>L.O.A.: PENRITH Locality: PENRITH Reduction Ratio: 1:500 Lengths are in metres</p> | <p>REGISTERED 19/09/2022</p> <p style="font-size: 24px; font-weight: bold;">DP1282128</p> |
|--|--|--|--|

Google Maps Street View



Google Maps Street View

