

The Secretary
NSW Department of Planning, Industry and Environment

10 April 2020

ATTENTION: Prity Cleary, Social & Infrastructure Assessments

Dear Sir or Madam

I refer to the Department's below email of 1 April 2020 regarding the notice of exhibition of the Environmental Impact Statement (EIS) for State Significant Development SSD 10383 at 2 Darcy Road, Westmead (Lot 1 DP 1095407, Lot 1 DP 1211982) for Westmead Catholic Community Education Campus – 'Primary school with capacity for approximately 1,680 students, new Parish church, early learning centre, multi-storey car park and drop off zone and landscaping'. Submissions need to be made to the Department by 29 April 2020.

Please find attached a copy of Endeavour Energy's submission made to the Department's below on 12 November 2019 regarding the Secretary's Environmental Assessment Requirements (SEARs) for State Significant Development SSD 10383 at 2 Darcy Road, Westmead (Lot 1 DP 1095407, Lot 1 DP 1211982) for Westmead Catholic Community Education Campus – 'Primary school with capacity for approximately 1,680 students, new Parish church, early learning centre, multi-storey car park and drop off zone and landscaping'. The recommendations and comments provided therein generally remain valid.

Endeavour Energy has noted the following in the EIS addressing the suitability of the site for the development in regard to whether electricity services are available and adequate for the development.

3.13 Services and Utilities

An Infrastructure and Services Report has been prepared by Erbas (**Appendix J**) which outlines the existing infrastructure and service, provides information on existing capacity, and details any augmentation required to service the proposed development.

3.13.1 Electricity

The closest substation does not have capacity to service the Parish Church and Primary School Building. It is therefore necessary to connect the proposed buildings to existing underutilised substations in the surrounding area.

The switchboards, electrical componentry and electrical metering will be upgraded and/or replaced during detailed design and construction.

Infrastructure & Services Report provides the following advice:

6.1 electrical infrastructure

Erbas™ has conducted a maximum demand calculation based on Sqm rates and application for connection had been lodged to Endeavour Energy (and appended to this report) to establish whether the existing substations have enough capacity to serve the new requested load of 1600Amps.

Endeavour Energy has assessed the requested load and came back with the appended response/offer:

SUPPLY OFFER

(Based on a desktop assessment)

Development Details & Applicant's Assessed Load:

This application requires 1600A or 1108kVA for new education facility, a parish and a new carpark.

Endeavour Energy Assessed Load:

The load of 121.24A or 84kVA for the new carpark can be supplied from SUB 7763. MDI readings is 285.32/1000kVA. Supply for the new carpark should be obtained from this substation

For new education facility & parish, the load will be 1476A or 1022.6kVA. The closest substation is SUB 29180 and the MDI readings is 525/1000kVA dated 24/05/18.

HV/LV Connection Point & Connection Asset Requirements:

To supply 1476A, the closest substation 1000kVA Padmount Substation no. 29180 does not have capacity to supply the customer's proposed load.

Please engage a Level 3 Accredited Service Provider (ASP) to investigate and provide a Method of Supply to supply your development.

Due to underutilise of the existing substations, L3 ASP is to coordinate with the engineers/electricians to utilise the existing substations to supply the proposed load.

Subject to Level 3 ASP's proposal and Endeavour Energy Planner's specification, the requirements will be confirmed in the design brief letter.

Network Constraints & Limitations

The scope of works is to be undertaken in accordance with the Terms and Conditions of the Model Standing Offer for a Standard Connection Service and must comply with all relevant regulations, Endeavour Energy policies and network standards.

The applicant should note that generally a Supply Offer includes the following advice:

This Supply Offer is part of the Connection Offer for a Standard Connection Service and is valid for three (3) months from the date of issue.

Where this Connection Offer has lapsed, you or your Level 3 ASP must contact Endeavour Energy with the request to extend the Connection Offer. Endeavour Energy will assess your request and will inform you of the outcome. It must be recognised that the network is being constantly extended/augmented as new customers get connected. This means that for your Connection Offer to be extended, your Supply Offer may require alteration. If this is the case, additional fees to cover administrative costs may apply.

Endeavour Energy does not reserve supply for proposed developments ie. unless the application for connection of load proceeds, there is no guarantee that the current surplus capacity within the existing local network will remain available – particularly considering the proximity of the site to Westmead Hospital, Western Sydney University - Westmead Precinct, Westmead railway station etc.

As such, Endeavour Energy's Network Connections Branch are managing the conditions of supply with the proponent and their Accredited Service Provider (ASP). To complete the application for connection of load the applicant and their ASP will need to address the list of requirements included in the Supply Offer in order to comply with Endeavour Energy's standards and with the Terms and Conditions of the Model Standing Offer for a Standard Connection Service. Further advice can be obtained from Endeavour Energy's Network Connections Branch (via Head Office enquiries on telephone: 133 718 or (02) 9853 6666 from 9am - 4:30pm.

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

Could you please pass on a copy of this submission and the attached resources to the applicant? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above 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.

Due to the current COVID-19 health risk, as many as possible of Endeavour Energy staff are working from home. As a result there is only a small contingent located at the Huntingwood head office for essential operations. Although working from home, access to emails and other internal stakeholders is now somewhat limited and as a result it may take longer than usual to respond to enquiries. Thank you for your understanding during this time.

Yours faithfully

Cornelis Duba

Development Application Specialist

Network Environment & Assessment

M: 0455 250 981

E: cornelis.duba@endeavourenergy.com.au

51 Huntingwood Drive, Huntingwood NSW 2148

www.endeavourenergy.com.au



From: Cornelis Duba

Sent: Tuesday, 12 November 2019 8:13 AM

To: information@planning.nsw.gov.au

Cc: Jason.Maslen@planning.nsw.gov.au; Jeffrey Smith <Jeffrey.Smith@endeavourenergy.com.au>

Subject: NSW Planning, Industry & Environment Request for SEARs State Significant Development SSD 10383 Westmead Catholic Community Education Campus

The Secretary


NSW Department of Planning, Industry and Environment

ATTENTION: Jason Maslen, A/Team Leader, School Infrastructure Assessments

Dear Sir or Madam

I refer to the Department's below email of 31 October 2019 regarding the Secretary's Environmental Assessment Requirements (SEARs) for State Significant Development SSD 10383 at 2 Darcy Road, Westmead (Lot 1 DP 1095407, Lot 1 DP 1211982) for Westmead Catholic Community Education Campus – 'Primary school with capacity for approximately 1,680 students, new Parish church, early learning centre, multi-storey car park and drop off zone and landscaping'. Submissions need to be made to the Department by 14 November 2019.

As shown in the below site plan from Endeavour Energy's G/Net master facility model (and extract from Google Maps Street View) there:

- Two easement over the site benefitting Endeavour Energy (indicated by red hatching) for padmount substations no.s 7763 and 29361 (indicated by the symbols ).
- Low voltage and 11,000 volt / 11 kilovolt (kV) high voltage underground cables to the road frontage.

Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. 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).

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

- Network Capacity / Connection

Endeavour Energy has noted the following:

- Draft SEARs

14. Utilities

- Prepare an Infrastructure Management Plan in consultation with relevant agencies, detailing information on the existing capacity and any augmentation and easement requirements of the development for the provision of utilities including staging of infrastructure.
- SEARs Request Report:

4.11 Utilities and Infrastructure

An Infrastructure Management Plan will be prepared in consultation with the relevant agencies, identifying the existing capacity of the infrastructure currently servicing the site, and any augmentation, service relocations or easements that may be required to service the proposed development.

Endeavour Energy's Asset Strategy & Planning Branch whilst not having undertaken a detailed analysis of the Development Application have not indicated any concerns regarding the electricity supply to the proposed development and advised that 'This Development Application will need to follow the standard connection of load process where Endeavour Energy's Asset Strategy & Planning Branch will undertake a detailed review of the electricity supply arrangements for the proposed Education Campus'.

The availability of electricity supply to a site is based on a wide range of factors eg. the age and design of the network; other development in the locality utilising previously spare capacity within the local network; the progress of nearby / surrounding sites including electricity infrastructure works eg. a smaller and isolated development that may not of its own accord require a distribution substation may require a padmount substation to facilitate the development and from which the spare capacity is made available to subsequent nearby development. Areas of the network utilising padmount substations can accommodate loads from 315 kilovolt amperes (kVA) up to 1,500 kVA (typically 500 kVA) ie. there is a significant variation in the number and type of premises able to be connected to a substation.

The two existing padmount substations on the site:

- No. 7763 currently has 4 customer connection points servicing 7 premises.
- No. 29361 currently has 1 customer connection points servicing 2 premises.

With the exception of a customer connection point for Roads and Maritime Services from padmount substation no. 7763, both padmount substations only service the existing Campus. Neither of the two padmount substation is likely to have sufficient spare capacity to supply a significant urban development. Given the size of the proposed development an extension and/or augmentation of the existing local network is likely to be required. However the extent of the work required will not be determined until the final load assessment is completed. Endeavour Energy's preference is to alert proponents / applicants (and the Department) of the potential matters that may arise as further redevelopment of urban areas continues to occur.

In due course the applicant for the proposed development of the site will need to submit an application for connection of load via Endeavour Energy's Network Connections Branch to carry out the final load assessment and the method of supply will be determined. Depending on the outcome of the assessment, any required padmount substation will need to be located within the property (in a suitable and accessible location) and be protected (including any associated cabling) by an easement and associated restrictions benefiting and gifted to Endeavour Energy. Please refer to Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights'. Further details are available by contacting Endeavour Energy's Network Connections Branch via Head Office enquiries on telephone: 133 718 or (02) 9853 6666 from 8am - 5:30pm or on Endeavour Energy's website under 'Home > Residential and business > Connecting to our network' via the following link:

<http://www.endeavourenergy.com.au/> .

Advice on the electricity infrastructure required to facilitate the proposed development can be obtained by submitting a Technical Review Request to Endeavour Energy's Network Connections Branch, the form for which FPI6007 is attached and further details (including the applicable charges) are available from Endeavour Energy's website under 'Our connection services'. The response to these enquiries is based upon a desktop review of corporate information systems, and as such does not involve the engagement of various internal stakeholders in order to develop a 'Connection Offer'. It does provide details of preliminary connection requirements which can be considered by the applicant prior to lodging a formal application for connection of load.

Alternatively the applicant should engage a Level 3 Accredited Service Provider (ASP) approved to design distribution network assets, including underground or overhead. The ASP scheme is administered by Energy NSW and details are available on their website via the following link or telephone 13 77 88:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/asp-scheme-and-contestable-works> .

- Urban Reticulation Policy

Endeavour Energy's Company Policy 9.2.5 'Network Asset Design', includes the following requirements for electricity connections to new urban subdivision / development:

5.11 Reticulation policy

5.11.1 Distribution reticulation

In order to improve the reliability performance of and to reduce the operating expenditure on the network over the long term the company has adopted the strategy of requiring new lines to be either underground cables or where overhead is permitted, to be predominantly of covered or insulated construction. Notwithstanding this strategy, bare wire overhead construction is appropriate and permitted in some situations as detailed below.

In areas with the potential for significant overhanging foliage, CCT is used to provide increased reliability as it is less susceptible to outages from wind-blown branches and debris than bare conductors. CCT must only be used in treed² areas as the probability of a direct lightning strike is low. In open areas where the line is not shielded from a direct lightning strike, bare conductors must generally be used for 11kV and 22kV reticulation.

Non-metallic Screened High Voltage Aerial Bundled Cable (NMSHVABC) must be used in areas which are heavily treed and where it is not practicable to maintain a tree clearing envelope around the conductors.

² A "treed" area is one with a substantial number of trees adjacent to the line, in each span. In these situations CCT is used to provide increased reliability as it is less susceptible to outages from wind-blown

5.11.1.1 Urban areas

Reticulation of new residential subdivisions will be underground. In areas of low bushfire consequence, new lines within existing overhead areas can be overhead, unless underground lines are cost justified or required by either environmental or local council requirements.

Where underground reticulation is required on a feeder that supplies a mixture of industrial, commercial and/or residential loads, the standard of underground construction will apply to all types of load within that development.

Where ducting is used, adequate spare ducts and easements must be provided at the outset to cover the final load requirements of the entire development plan.

Extensions to the existing overhead 11kV/22kV network must generally be underground. Bare wire will be used for conductor replacements and augmentations except in treed areas where CCT or NMSHVABC must be used.

Extensions to the existing overhead LV network and augmentations must either be underground or ABC. Conductor replacements greater than 100m in route length must utilise aerial bundled cable.

- Flooding and Drainage

Endeavour energy has noted the following in the SEARs Request Report.

4.0 Overview of likely environmental and planning issues

Based on our preliminary environmental assessment, the following are the key environmental assessment issues that will need to be considered as part of the future DA.

4.1 Flooding and Riparian Land

The master planning for the site seeks to avoid areas of flood prone land in the south of the site, by continuing to concentrate built form to the north of the site, away from flood prone areas. A Flood Impact Assessment will be submitted with the EIS.

The landscape design for the site will look at opportunities to incorporate the riparian corridor on the site's western boundary for improved learning and environmental outcomes.

Distribution substations should not be subject to flood inundation or stormwater runoff ie. the padmount substation cubicles are weather proof not flood proof and the cable pits whilst designed to be self draining should not be subject to excessive ingress of water. Section 7 'Substation and switching stations' of Endeavour Energy's Mains Construction Instruction MCI 0006 'Underground distribution construction standards manual' provides the following details of the requirements for flooding and drainage in new distribution substation locations.

7.1.6 Flooding and drainage

Substations are to be located such that the risk of flooding or stormwater damage is minimal.

As a minimum the level at the top of the transformer footing, HV and LV switchgear, shall not be lower than the 1:100 year flood level.

All drains within the substation site area or in the vicinity shall be properly maintained to avoid the possibility of water damage to Endeavour Energy's equipment.

In areas where, as determined by the Network Substation Manager, there is a high water table or a heightened risk of flooding, indoor substations will not be permitted.

All materials used in the construction below the substation (ground level) shall be capable of withstanding prolonged immersion in water without swelling or deterioration.



Figure 51 - Example substation raised above 1:100 flood level

- Earthing

The construction of any building or structure (including fencing, signage, flag poles, hoardings etc.) whether temporary or permanent that is connected to or in close proximity to Endeavour Energy's electrical network is required to comply with Australian/New Zealand Standard AS/NZS 3000:2018 'Electrical installations' as updated from time to time. This Standard sets out requirements for the design, construction and verification of electrical installations, including ensuring there is adequate connection to the earth. Inadequate connection to the earth to allow a leaking/fault current to flow into the grounding system and be properly dissipated places persons, equipment connected to the network and the electricity network itself at risk from electric shock, fire and physical injury.

Endeavour Energy's Substation Primary Design Section have provided the following comments:

Endeavour Energy's 'Design certification checklist for ASP L3' the design must comply with Endeavour Energy's 'Earthing Design Instruction EDI 001 – Earthing design risk assessment' in which schools, pre-schools, day care centres are regarded as a 'special location' – please see the following extract of EDI 001.

The representative contact scenarios for any risk event are as follows:

- e) **Special:** implies an area within close proximity to or within a premise where there is a high likelihood that shoes will not be worn and/or the risks associated with the earthing system has the potential to be exposed to a number of people simultaneously through contact with affected metalwork. Examples include schools, pre-schools, day care centres, aquatic centres, recreational swimming areas and beaches. This classification must be assessed on a case-by-case basis and may not involve a societal assessment depending on the scenario.

The applicant should check with their ASP responsible for the network connection to the site that any existing or future padmount substations the earthing has been designed to comply with the 'special location' requirements under EDI 100.

- Prudent Avoidance

The electricity network is operational 24/7/365 ie. all day, every day of the year. The electricity industry has adopted a policy of prudent avoidance by doing what can be done without undue inconvenience and at modest expense to avert the possible risk to health from exposure to emissions from electricity infrastructure such as electric and magnetic fields (EMF) and noise which generally increase the higher the voltage ie. Endeavour Energy's network ranges from low voltage (normally not exceeding 1,000 volts) to high voltage (normally exceeding 1,000 volts but not exceeding 132,000 volts / 132 kV).

In practical terms this means that when designing new transmission and distribution facilities, consideration is given to locating them where exposure to the more sensitive uses is reduced and increasing separation distances. These emissions are generally not an issue but with Council's permitting or encouraging development with higher density, reduced setbacks and increased building heights, new development can impact on existing electricity infrastructure.

Where development is proposed in the vicinity of electricity infrastructure, Endeavour Energy is not responsible for any amelioration measures for such emissions that may impact on the nearby proposed development. Endeavour Energy believes that likewise Council should also adopt a policy of prudent avoidance by the siting of more sensitive uses away from any electricity infrastructure – including any possible future electricity infrastructure required to facilitate the proposed development.

Please find attached a copy of Energy Networks Association's 'Electric & Magnetic Fields – What We Know' which can also be accessed via their website at <https://www.energynetworks.com.au/electric-and-magnetic-fields> and provides the following advice:

Electric fields are strongest closest to their source, and their strength diminishes rapidly as we move away from the source.

The level of a magnetic field depends on the amount of the current (measured in amps), and decreases rapidly once we move away from the source.

Typical magnetic field measurements associated with Endeavour Energy's activities and assets given the required easement widths, safety clearances etc. and having a maximum voltage of 132,000 volt / 132 kV, will with the observance of these separation distances not exceed the recommended magnetic field public exposure limits.

Endeavour Energy's Network Environment Assessment Section has provided the following general advice in regard to schools, pre-schools, day care centres which are regarded as a 'sensitive use' being located in proximity of electricity infrastructure:

As far as I know there are no restrictions in legislation that stop schools, pre-schools, day care centres being placed next to electricity infrastructure.

Prudent avoidance measures must however be implemented. Prudent avoidance was a policy recommended by former Chief Justice of the High Court of Australia, Sir Harry Gibbs, as a result of an inquiry he conducted into community needs and high voltage transmission lines including issues in relation to EMF back in 1991. The findings in the Gibbs report are consistent with subsequent inquiries and are still relevant today.

Prudent avoidance is defined as doing what can be done without undue inconvenience and at modest expense to avert the possible risk to health from exposure to new high voltage transmission facilities. In practical terms, this means designing new transmission and distribution facilities having regard to their capacity to produce EMFs, and siting them having regard to the proximity of houses, schools and the like.

Although the Gibbs report was particularly aimed at electricity distributors to consider when placing their infrastructure, and bearing in mind that there are schools, pre-schools, day care centres adjacent to our infrastructure in various locations right across our franchise area, it is nonetheless Endeavour Energy's recommendation it that such 'sensitive uses' not be built adjacent to major electricity infrastructure.

Should such a development proceed, the design of the schools, pre-schools, day care centres should also consider prudent avoidance measures such as any rooms which the children will occupy (class rooms, play areas, sleeping rooms, eating areas) be arranged such that they are on the side of the site/building which is furthest away from the electricity infrastructure.

There is scientific consensus that health effects have not been established but that the possibility cannot be ruled out. Accordingly, if there are any concerns regarding the location of the schools, pre-schools, day care centres in proximity to the electricity infrastructure, in order to make an informed conclusion, the applicant may need to commission an independent review to provide an overall assessment including electric and magnetic field measurement and advice. Applying a precautionary approach early on in the design process will hopefully result in the adoption of prudent avoidance principles benefitting the eventual development of the site.

- Easement Management / Network Access

The following is a summary of the usual / main terms of Endeavour Energy's electrical easements requiring that the landowner:

- Not install or permit to be installed any services or structures within the easement site.
- Not alter the surface level of the easement site.
- Not do or permit to be done anything that restricts access to the easement site without the prior written permission of Endeavour Energy and in accordance with such conditions as Endeavour Energy may reasonably impose.

Endeavour Energy's preference is for no activities or encroachments to occur within its easement areas. Most activities are prohibited within the padmount substation easement area. However, if any proposed works (other than those approved / certified by Endeavour Energy's Network Connections Branch as part of an enquiry / application for load or asset relocation project) will encroach/affect Endeavour Energy's easements, contact must first be made with the Endeavour Energy's Easements Officer, Jeffrey Smith, on direct telephone 9853 7139 or alternately by email Jeffrey.Smith@endeavourenergy.com.au or Easements@endeavourenergy.com.au .

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

- 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.

In regard to padmount substation no. 7763 Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights' in addition to the easement for padmount substations now also include additional clearances / restriction for fire rating which usually extends 3 metres horizontally from the base of the substation footing, and 6 metres vertically from the same point. These were introduced on a case for case basis from 2003 before becoming standard in 2009. The easement for padmount substation no. 7763 created under RP1519 dates back to 1977 and does not include the restriction for fire rating. Whilst the fire rating restriction is not included with the easement registered on title for padmount substation no. 7763, Endeavour Energy strongly recommends that it be considered and adopted for any new development.

It is imperative that the access to the existing electrical infrastructure on and in proximity of the site be maintained at all times. To ensure that supply electricity is available to the community, access to the electricity infrastructure may be required at any time. Restricted access to electricity infrastructure by maintenance workers causes delays in power restoration and may have severe consequences in the event of an emergency.

- Vegetation Management

The planting of large trees in the vicinity of electricity infrastructure is not supported by Endeavour Energy. Suitable planting needs to be undertaken in proximity of electricity infrastructure. Only low growing shrubs not exceeding 3.0 metres in height, ground covers and smaller shrubs, with non-invasive root systems are the best plants to use. Larger trees should be planted well away from electricity infrastructure (at least the same distance from overhead power lines as their potential full grown height) and even with underground cables, be installed with a root barrier around the root ball of the plant.

Landscaping that interferes with electricity infrastructure may become a potential safety risk, cause of bush fire, restrict access, reduce light levels from streetlights or result in the interruption of supply. Such landscaping may be subject to Endeavour Energy's Vegetation Management program and/or the provisions of the Electricity Supply Act 1995 (NSW) Section 48 'Interference with electricity works by trees' by which under certain circumstances the cost of carrying out such work may be recovered.

- Dial Before You Dig

Before commencing any underground activity the applicant is required to obtain advice from the **Dial Before You Dig 1100** service in accordance with the requirements of the Electricity Supply Act 1995 (NSW) and associated Regulations. This should be obtained by the applicant not only to identify the location of any underground electrical and other utility infrastructure across the site, but also to identify them as a hazard and to properly assess the risk.

- Asbestos

Endeavour Energy's G/Net master facility model indicates that the site is in an area identified or suspected of having asbestos or asbestos containing materials (ACM) present in the electricity network. Whilst Endeavour Energy's underground detail is not complete within G/Net in some areas, in older communities, cement piping was regularly used for the electricity distribution system and in some instances containing asbestos to strengthen the pipe; for insulation; lightness and cost saving.

When undertaking works on or in the vicinity of Endeavour Energy's electricity network, asbestos or ACM must be identified by a competent person employed by or contracted to the applicant and an asbestos management plan, including its proper disposal, is required whenever construction works has the potential to impact asbestos or ACM.

The company's potential locations of asbestos to which construction / electricity workers could be exposed include:

- o customer meter boards;
- o conduits in ground;
- o padmount substation culvert end panels; and
- o joint connection boxes and connection pits.

Further details are available by contacting Endeavour Energy's Health, Safety & Environment Assurance Section via Head Office enquiries on telephone: 133 718 or (02) 9853 6666 from 8am - 5:30pm.

- Demolition

Demolition work is to be carried out in accordance with Australian Standard AS 2601—2001: 'The demolition of structures'. All electric cables or apparatus which are liable to be a source of danger, other than a cable or apparatus used for the demolition works shall be disconnected ie. the existing customer service lines will need to be isolated and/or removed during demolition. Appropriate care must be taken to not otherwise interfere with any electrical infrastructure on or in the vicinity of the site eg. streetlight columns, power poles, overhead power lines and underground cables etc.

- Public Safety

Workers involved in work near electricity infrastructure run the risk of receiving an electric shock and causing substantial damage to plant and equipment. I have attached Endeavour Energy's public safety training resources, which were developed to help general public / workers to understand why you may be at risk and what you can do to work safely. The public safety training resources are also available via Endeavour Energy's website via the following link:

<http://www.endeavourenergy.com.au/wps/wcm/connect/ee/nsw/nsw+homepage/communitynav/safety/safety+brochures>.

If the applicant has any concerns over the proposed works in proximity of the Endeavour Energy's electricity infrastructure to the road verge / roadway, as part of a public safety initiative Endeavour Energy has set up an email account that is accessible by a range of multiple stakeholders across the company in order to provide more effective lines of communication with the general public who may be undertaking construction activities in proximity of electricity infrastructure such as builders, construction industry workers etc. The email address is Construction.Works@endeavourenergy.com.au.

- Emergency Contact

In case of an emergency relating to Endeavour Energy's electrical network, the applicant should note the Emergencies Telephone is 131 003 which can be contacted 24 hours/7 days. Endeavour Energy's contact details should be included in any relevant risk and safety management plan.

I appreciate that not all the foregoing issues may be directly or immediately relevant or significant to the Development Application eg. a padmount substation may not be 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.

Could you please pass on a copy of this submission and the attached resources to the applicant? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above 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
Network Environment & Assessment

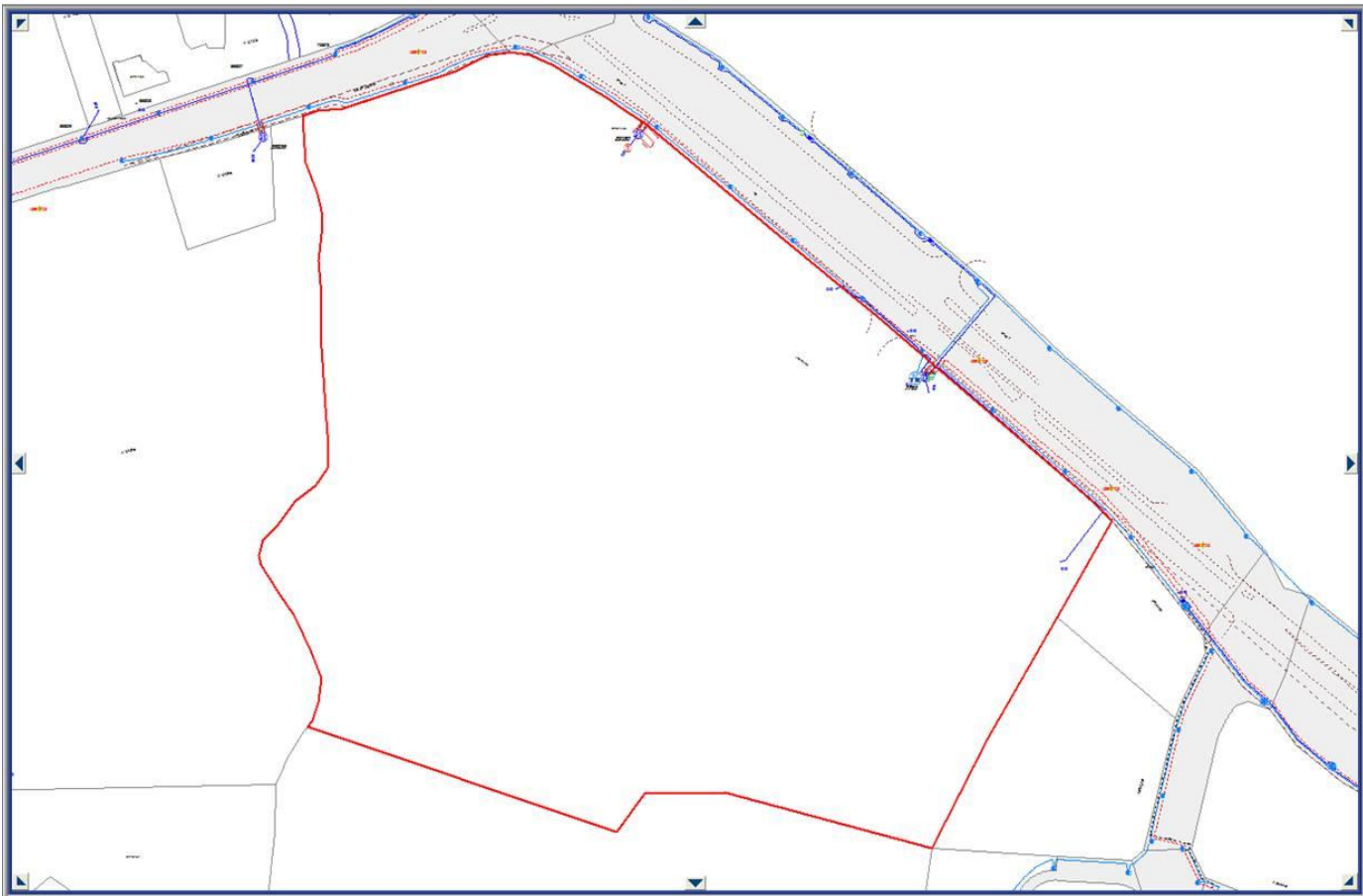
T: 9853 7896

E: cornelis.duba@endeavourenergy.com.au

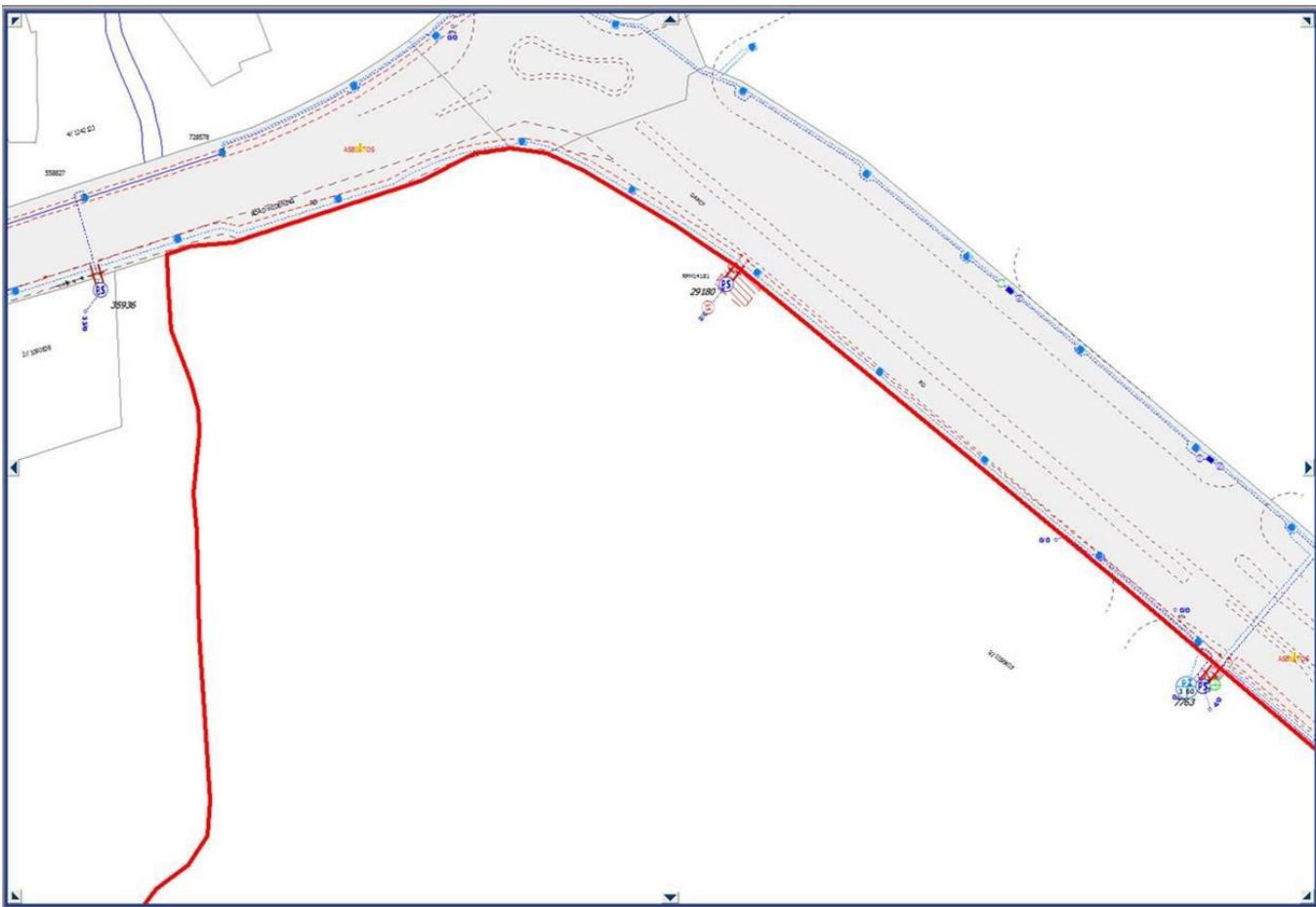
51 Huntingwood Drive, Huntingwood NSW 2148

www.endeavourenergy.com.au





G3E_FID	Feature Name	Component Name	G3E_CID	G3E_ID	LOT	SECTION	DP
80567816	Crown Parcel	Crown Parcel Find	1	2240715	1		1095407





Padmount substation no. 7763



Padmount substation no. 29180

From: Erin White <Erin.White@planning.nsw.gov.au> **On Behalf Of** DPE PSVC Social and Other Infrastructure Mailbox
Sent: Wednesday, 1 April 2020 4:45 PM
To: Property Development <Property.Development@endeavourenergy.com.au>
Cc: Prity Cleary <Prity.Cleary@planning.nsw.gov.au>
Subject: Notice of exhibition - Westmead Catholic Community Education Campus (SSD-10383) - Endeavour Energy



Planning,
Industry &
Environment

Attention: Ms Pat Woodbury
Network Environmental Assessments Manager
Endeavour Energy

-via email-
property.development@endeavourenergy.com.au

Ms Woodbury

The Department of Planning, Industry and Environment has received an Environmental Impact Statement (EIS) for the Westmead Catholic Community Education Campus (SSD-10383).

The EIS will be publicly exhibited from **Thursday 2 April 2020** to **Wednesday 29 April 2020**. All relevant documents may be viewed on the Department's website at:
<https://www.planningportal.nsw.gov.au/major-projects/projects/on-exhibition>.

The Department invites you to advise on the proposal, including advice on recommended conditions by **Wednesday 29 April 2020**.

If you have any enquiries, please contact Prity Cleary on (02) 8289 6795 or via email at Prity.Cleary@planning.nsw.gov.au.

Kind regards

Erin White
DA Coordinator, Social & Infrastructure Assessments

Infrastructure Assessments | Department of Planning, Industry and Environment
T 02 8275 1183 |
4 Parramatta Square, 12 Darcy Street, Parramatta
www.dpie.nsw.gov.au



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