



Contact: Wayne Conners  
Phone: 02 8838 7531  
Fax: 02 8838 7554  
Email: wayne.conners@dpi.nsw.gov.au  
Our ref: 10ERM2016/0383  
Your ref: DA 2016/127/1

Via email: [hcc@holroyd.nsw.gov.au](mailto:hcc@holroyd.nsw.gov.au)

Mr E Miletic  
Environmental and Planning Services Department  
Holroyd City Council  
PO Box 42  
Merrylands NSW 2160

14 June 2016

Dear Mr Miletic,

**Re: Integrated Development referral under s.91A of the *Environmental Planning and Assessment Act 1979* for 233 and 249-259 Merrylands Road and 52-54 McFarlane Street Merrylands**

Reference is made to your request for a response in relation to the proposed development described as 233 and 249-259 Merrylands Road and 52-54 McFarlane Street Merrylands (Merrylands Court Stockland) and also identified as DA 2016/127/1.

DPI Water advises that, in addition to requiring development consent, parts of the development that intercept or extract groundwater are also required to be authorised under the Water Management Act 2000. The information requirements for such an authorisation are explicitly detailed in the NSW Aquifer Interference Policy—including the need for the applicant to provide a thorough hydrogeological assessment of the predicted impacts of the proposed development and calculations of the volumes likely to be extracted. As defined in that policy, such requirements apply to activities interfering with all aquifers, including low yielding and saline groundwater systems.

The proposed development is deemed to be an aquifer interference activity requiring an authorisation under water management legislation; therefore General Terms of Approval have been provided.

Please direct all related correspondence to the following address:

Water Regulation Group – Hunter/Sydney/South Coast

DPI Water

LOCKED Bag 5123

PARRAMATTA NSW 2124

Yours Sincerely

*Wayne Conners*

**Wayne Conners**

**Senior Water Regulation Officer**

**Hunter, Sydney & South Coast Water Regulation Group**

**NSW Department of Primary Industries – Water**

## **General Terms of Approval**

### **General**

1. An authorisation shall be obtained for the take of groundwater as part of the activity. Groundwater shall not be pumped or extracted for any purpose other than temporary construction dewatering at the site identified in the development application. The authorisation shall be subject to a currency period of 12 months from the date of issue and will be limited to the volume of groundwater take identified.
2. The design and construction of the building must prevent any take of groundwater after the authorisation has lapsed by making any below-ground levels that may be impacted by any water table watertight for the anticipated life of the building. Waterproofing of below-ground levels must be sufficiently extensive to incorporate adequate provision for unforeseen high water table elevations to prevent potential future inundation.
3. Sufficient permanent drainage shall be provided beneath and around the outside of the watertight structure to ensure that natural groundwater flow is not impeded and:
  - (a) any groundwater mounding at the edge of the structure shall be at a level not greater than 10 % above the level to which the water table might naturally rise in the location immediately prior to the construction of the structure; and
  - (b) any elevated water table is more than 1.0 m below the natural ground surface existent at the location immediately prior to the construction of the structure; and
  - (c) where the habitable part of the structure (not being footings or foundations) is founded in bedrock or impermeable natural soil then the requirement to maintain groundwater flows beneath the structure is not applicable.
4. Construction methods and material used in and for construction shall be designed to account for the likely range of salinity and pollutants which may be dissolved in groundwater, and shall not themselves cause pollution of the groundwater.
5. DPI Water requires documentation (referred to as 'report') comprising measurements, maps, bore logs, calculations, results, discussion and justification for various matters related to the dewatering process. Information will be required at several stages: prior to construction commencing (initial report - which will accompany the application for the authorisation), at any time when an authorisation renewal is required or a significant change in activities occurs (intermediate report); and at the completion of dewatering and related operations (completion report). Reports need to be submitted to DPI Water at Parramatta Office, in a format consistent with electronic retrieval without editing restrictions; raw data should be presented in Excel spreadsheets without editing restrictions.

### **Prior to excavation**

6. The following shall be included in the initial report:
  - (a) measurements of groundwater levels beneath the site from a minimum of three relevant monitoring bores, together with details of the bores used in the assessment including bore logs and three-dimensional identification information.
  - (b) a map of the site and its immediate environs depicting the water table (baseline conditions) shown relative to the topography and approved construction footprint from the surface level and below. An assessment of the potential variation in the water table during the life of the proposed building together with a discussion of the methodology and information on which this assessment is based.

- (c) details of the present and potential groundwater flow paths and hydraulic gradients in and around the site; the latter in response to the final volumetric emplacement of the construction.
  - (d) a schedule for the ongoing water level monitoring and description of the methodology to be used, from the date of consent until at least two months after the cessation of pumping. [DPI Water prefers that monitoring be undertaken on a continuous basis using automatic loggers in boreholes.]
7. The Applicant shall assess the likely impacts of the dewatering activities on other groundwater users or structures or public infrastructure; this assessment will include an appropriate bore, spring or groundwater seep census and considerations relevant to potential subsidence or excessive settlement induced in nearby buildings and property, and be documented together with all calculations and information to support the basis of these in the initial report.
  8. Groundwater quality testing of samples taken from outside the footprint of the proposed construction, with the intent of ensuring that as far as possible the natural and contaminant hydrochemistry of the potential dewatered groundwater is understood, shall be conducted on a suitable number of samples and tested by a NATA-certified laboratory. Details of the sampling locations and the protocol used, together with the test results accompanied by laboratory test certificates shall be included in the initial report. An assessment of results must be done by suitably qualified persons with the intent of identifying the presence of any contaminants and comparison of the data against accepted water quality objectives or criteria for the intended dewatering purpose. In the event of adverse quality findings, the Applicant must develop a plan to mitigate the impacts of the hydrochemistry on the dewatered groundwater and present the details of all assessments and plans in the initial report.
  9. Groundwater quality testing generally in accordance with Clause 8, shall be undertaken on any anniversary or other renewal or alteration of any dewatering authorisation.
  10. A reasonable estimate of the total volume of groundwater to be extracted shall be calculated and included in the initial report; together with details and calculation methods for the parameters and supporting information to confirm their development or measurement (e.g. permeability predicted by slug-testing, pump-testing or other means).
  11. A copy of a valid consent for the development shall be provided in the initial report.
  12. The method of disposal of pumped water shall be nominated (i.e. reinjection, drainage to the stormwater system or discharge to sewer) and a copy of the written permission from the relevant controlling authority shall be provided in the initial report. The disposal of any contaminated pumped groundwater (sometimes called "tailwater") must comply with the provisions of the *Protection of the Environment Operations Act 1997* and any requirements of the relevant controlling authority.
  13. Contaminated groundwater (i.e. above appropriate NEPM 2013 thresholds) shall not be reinjected into any aquifer. The reinjection system design and treatment methods to remove contaminants shall be nominated and included in the initial report and any subsequent intermediate report as necessary. The quality of any pumped water that is to be reinjected must be demonstrated to be compatible with, or improve, the intrinsic or ambient groundwater in the vicinity of the reinjection site.

#### During excavation

14. Engineering measures designed to transfer groundwater around and beneath the basement shall be incorporated into the basement construction to prevent the completed infrastructure from restricting pre-existing groundwater flows.
15. Piping, piling or other structures used in the management of pumped groundwater shall not create a flooding hazard or induce mounding of groundwater. Control of pumped groundwater is to be maintained at all times during dewatering to prevent unregulated off-site discharge.
16. Measurement and monitoring arrangements to the satisfaction of DPI Water are to be implemented. Weekly records of the volumes of all groundwater pumped and the quality of any water discharged are to be kept and a completion report provided after dewatering has ceased. Records of groundwater levels are to be kept and a summary showing daily or weekly levels in all monitoring bores provided in the completion report.
17. Pumped groundwater shall not be allowed to discharge off-site (e.g. adjoining roads, stormwater system, sewerage system, etc.) without the controlling authority's approval and/or owner's consent/s. The pH of discharge water shall be managed to be between 6.5 and 8.5. The requirements of any other approval for the discharge of pumped groundwater shall be complied with.
18. Dewatering shall be undertaken in accordance with groundwater-related management plans applicable to the excavation site. The requirements of any management plan (such as acid sulfate soils management plan or remediation action plan) shall not be compromised by the dewatering activity.
19. The location and construction of groundwater extraction works that are decommissioned are to be recorded in the completion report. The method of decommissioning is to be identified in the documentation.
20. Access to groundwater management works used in the activity is to be provided to permit inspection when required by DPI Water under appropriate safety procedures.

#### Following excavation

21. Following completion of the dewatering operations, the applicant shall submit to DPI Water, Parramatta Office, the completion report which shall include:
  - (a) detail of the volume of water taken, the precise periods and location of water taken, the details of water level monitoring in all of the relevant bores; and
  - (b) a water table map depicting the aquifer's settled groundwater condition and a comparison to the baseline conditions; and
  - (c) a detailed interpreted hydrogeological report identifying all actual resource and third party impacts, including an assessment of altered groundwater flows and an assessment of any subsidence or excessive settlement induced in nearby buildings and property and infrastructure.
22. The completion report is to be assessed by DPI Water prior to any certifying agency's approval for occupation or use of the completed construction.



20 June 2016

Mr Eltin Miletic  
Environmental and Planning Services  
Cumberland Council  
PO Box 42  
Merrylands NSW 2160

**RE: 233, 249-259 Merrylands Road and 52-54 McFarlane Street, Merrylands (DA 2016/127/1)**

Dear Mr Miletic,

Thank you for your letter notifying Sydney Water of the proposed development listed above. We have reviewed the application and provide the following comments for your consideration.

#### **Stormwater**

##### **Building adjacent to stormwater assets**

Sydney Water objects in principle to the proposed development because the submitted plans show the construction of buildings over the existing Sydney Water stormwater drain.

The supporting documentation does note the ongoing and well advanced negotiations between Cumberland (ex.Holroyd) Council and Sydney Water for the adjustment and deviation of the existing Sydney Water stormwater asset in order to facilitate improved local development outcomes. Sydney Water would not object to a determination of the development application by Council subject to the inclusion of a deferred commencement condition similar to following:

- The proponent shall make suitable arrangements with Council and Sydney Water for the adjustment and deviation of the existing Sydney Water stormwater assets to ensure no buildings are proposed over or within 1 metre of the stormwater asset footprint – see Sydney Water 'Building Over and Adjustment Guidelines' for further detail.
- All adjustment and deviation works are to undertaken at no cost to Sydney Water.

For further details of our stormwater requirements please contact Jeya Jeyadevan of Land and Waterways on 8849 6118 or email [jeya.jeyadevan@sydneywater.com.au](mailto:jeya.jeyadevan@sydneywater.com.au).

#### **Water**

- The existing trunk network has capacity to serve the proposed development.
- Some reticulation water main amplifications may be required within the proposed development area to facilitate the proposal.
- Detailed requirements will be provided at the Section 73 application phase.



**Wastewater**


- The existing trunk network has capacity to serve the proposed development.
- Some reticulation wastewater main amplifications may be required within the proposed development area to facilitate the proposal.
- Detailed requirements will be provided at the section 73 application phase.

**Sydney Water E-Planning**

Sydney Water has an email address for planning authorities to submit statutory or strategic planning documents for review. This email address is [urbangrowth@sydneywater.com.au](mailto:urbangrowth@sydneywater.com.au)

Further advice and requirements for this proposal are at attachment 1 (overleaf). If you require any further information, please contact Beau Reid of Urban Growth Strategy on 02 8849 4357 or e-mail [beau.reid@sydneywater.com.au](mailto:beau.reid@sydneywater.com.au).

Yours Sincerely,



Greg Joblin  
**Manager, Growth Strategy**



## Attachment 1

### **Sydney Water Servicing**

A Section 73 Compliance Certificate under the Sydney Water Act 1994 must be obtained from Sydney Water.

Make an early application for the certificate, as there may be water and wastewater pipes to be built that can take some time. This can also impact on other services and buildings, driveways or landscape designs.

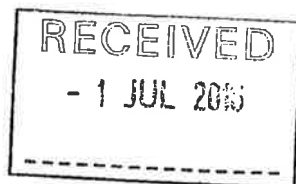
Applications must be made through an authorised Water Servicing Coordinator. For help either visit [www.sydneywater.com.au](http://www.sydneywater.com.au) > Plumbing, building and developing > Developing > Land development or telephone 13 20 92.

### **Building Plan Approval**

You must have your building plans stamped and approved before any construction is commenced. Approval is needed because construction/building works may affect Sydney Water's assets (e.g. Water, sewer and stormwater mains).

For further assistance please telephone 13 20 92 or refer to the Building over or next to assets page on the Sydney Water website (see Plumbing, building and developing then Building over or next to assets).





NSW Police Force

## HOLROYD LOCAL AREA COMMAND

Crime Prevention Officer – Senior Constable Bilusic

Merrylands Police Station  
15 - 17 Memorial Ave  
Merrylands, 2160  
Ph:(02) 9897 4899  
Fax:(02) 9897 4866

1<sup>st</sup> June 2016

Mr E Miletic  
Environmental and Planning Services Department  
Cumberland Council  
P.O. Box 42  
Merrylands NSW 2160

DEVELOPMENT APPLICATION NO. 2016/127/1

Police Ref # D/2016/244137

**SITE: 233, 249-259 Merrylands Road Merrylands, 52-54 McFarlane Street Merrylands**

### Crime Prevention through Environmental Design

Crime Prevention through Environmental Design (CPTED) is a crime prevention strategy that focuses on the planning, design and structure of cities and neighbourhoods. It reduces opportunities for crime by using design and place management principles that reduce the likelihood of essential crime ingredients (*law, offender, victim or target, opportunity*) from intersecting in time and space.

The crime statistics for Merrylands have been analysed for a two year period with the following reported crimes the most prevalent:

- Stealings – 1707 offences
- Fraud – 895 offences
- Assaults (non domestic violence related) – 662
- Malicious Damage (includes graffiti) – 630
- Break and Enters – 518
- Drug Detection – 280

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Report crime anonymously



## **NSW Police Force**

- Stolen vehicle/vessel – 261
- Sexual Offences – 92
- Robbery – 77
- Intoxicated Persons – 39

According to the Bureau of Crime Statistics research, Holroyd LGA was considered to be number ten in the state for Fraud Offences and number thirteen in the state for robberies. Besides these two offence types the location will also be more likely exposed to:

- Steal from Motor Vehicle
- Break and Enters

A Crime Risk Assessment was completed and a risk rating was determined for each of these four crime categories. With intoxicated persons rating as LOW; Break and Enter, Robberies and Steal from Motor Vehicle offences rated as MODERATE. An emerging trend of Fraud Offences has also been identified and when rated was seen to be a HIGH risk.

The recommendations have therefore been considered in light of the crime risk rating for each of these offences.

The NSW Police Force (NSWPF) has a vital interest in ensuring the safety of members of the community and their property. By using recommendations contained in this evaluation, any person who does so acknowledges that:

- It is not possible to make areas evaluated by the NSWPF absolutely safe for the community and their property.
- Recommendations are based upon information provided to, and observations made by the NSWPF at the time the evaluation was made.
- The evaluation is a confidential document and is for use by the council or organisation referred to on page one.

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**NSW Police Force**

- The contents of this evaluation are not to be copied or circulated otherwise than for the purpose of the council or organisation referred to on page one.
- The NSW Police Force hopes that by using recommendations contained within this document, criminal activity will be reduced and the safety of members of the community and their property will be increased. However, it does not guarantee that the area evaluated will be free from criminal activity if its recommendations are followed.

Regards

Senior Constable Bilusic  
Crime Prevention Officer  
Holroyd Local Area Command

**Holroyd Local Area Command**

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**NSW Police Force**

### **Police Recommendations**

Police recommend the following should be made conditions by Council:

1. Entry to apartments – Statement of Environmental Effects 3.13.

Oscar Newman (1972) when discussing the concept of Defensible Space indicated that people care for what they believe is theirs. One of the crime risk issues he identified was when too many entry ways are concentrated in one area as this tended to reduce neighbor cohesion and allowed for unauthorised persons to entry an area unchallenged. CCTV should therefore be installed in the foyer of each non-compliant building entrance ways to reduce unauthorised access.

2. Parking – Statement of Environmental Effects 5.25 & 5.3.2 section 2.4 & 2.5

While a report is expected to be received from the RMS NSWPF do not support any reduction in council's requirements for parking. While public transport exists in Merrylands, there would be insufficient parking on street due to the removal of a large area currently used as off-street parking with the development of this site.

3. In table 21 of the Social Impact Assessment the claim has been made that the proposed development could alleviate some of the existing crime problems in the area. However, as NSWPF has assessed "Fraud" as a "HIGH" risk, it is considered that the further installation of residential premises will see an increase, in particular of mail theft potentially leading to an increase in identity fraud. Therefore, CCTV should be installed, monitoring the mail walls. Also, tubular key Australian Standard designed locks are recommended to enhance security which makes it difficult to pick or duplicate keys. For more advice on letterbox placement contact Australia Post Customer Care on 13 13 18.

4. One of the major issues that have been brought to Police attention in this Local Government Area is the prevalence of offenders breaching the security access to the unit block, particularly the car park areas, and breaking into the units' garages and storage areas. Due to the isolation of the garages and storage areas these offences are not usually noticed by the residents until much later.

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## NSW Police Force

It is obvious to attending Police that a better quality of construction between garages, improved strength to garage doors and better quality locking mechanism to reduce the incidence of this type of crime. It is noted that residential car park areas will be open, with storage being the only secured location behind each of the car park spaces.

Police would also suggest that an allowance be made that would permit the residents or developer to install an alarm system in their storage areas that would be connected to the relevant unit (i.e. the developer either installs the alarm system throughout the site or provides cabling or wireless connectivity between the unit and the storage area). The alarm would alert the residents in a timely manner to any unauthorised access to their storage areas so that Police can be called as soon as possible.

5. Building C Basement level 1 indicates there will be a shared parking arrangement between residents and visitors. This allows for easy access to unauthorised persons to residents' storage areas. When similar allowances have been made Police have seen an increase in Steal from Motor Vehicle offences. Given the crime risk rating of "MODERATE" for this type of offence Police expect that this easy access will cause this offence to rise. The developer should, by relocation of existing car park spaces be able to restrict access to residential car spaces. This would be by the construction of a security mesh and roller doors between the residents' car spaces and the visitors car spaces to divide the spaces restricting entry to residents only. This will also reduce the possibility of robberies occurring by increasing the security of the residents' car spaces.
6. There is some confusion in relation to the use of signage with some parts of the proposal mentioning that signage will not be used (Statement of Environmental Effects) and other parts recommending the use of signage (CPTED Assessment). Given the size of the development way finding becomes very important in reducing the potential for crime. Signage needs to clearly indicate the locations of each of the entryways to the residential premises, where persons are authorized to be and to indicate the location of the proposed sky-bridge.

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## NSW Police Force

Police support the use of mixed use as a recommended proposal as mentioned in the CPTED Assessment. As the intention of the areas around the proposed residential towers is to create a "eat street" environment there is the possibility that potential businesses will require extended hours of operation and/or liquor licenses. Police expect that separate Development Applications are submitted for each potential business to ensure the development suits the amenity of the location.

7. On reviewing the Traffic and Transport Assessment Police do not support the use of a shared zone on the proposed New Line extension. However, limited access could be provided for small trucks to enable delivery of goods to the shops and for emergency service vehicles as required. Preferably the area set aside for the eating venue should have bollards installed at each end of the laneway to limit vehicular access to the proposed shared zone.
8. For ease of reference, Police support the naming of the area currently proposed as a shared zone to be called "New Lane" and the extension of the lane to Merrylands Road be titled "Main Lane" to maintain consistency.
9. Vehicular access to both residential, trucks and general parking will be limited to Main Lane and the planned extension of New Lane. Due to the expected volume of traffic into the proposed towers and the limited access to other laneways, Police believe traffic lights should be installed at the intersection of Merrylands Road and the proposed laneway extension. This would be further enhanced by the moving of the current pedestrian crossing over Merrylands Road to a safer location, being the proposed traffic lights. If traffic lights are not possible, another consideration is a roundabout to slow traffic on Merrylands Road. Police believe this proposed intersection needs some form of formal traffic control. (To note. An RMS report pertaining to this development has not been received/viewed by police).

Police prefer flashing pedestrian signage along New Lane and Main Lane where practicable.

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## **NSW Police Force**

10. Many graffiti vandals favour porous building surfaces, as 'tags' are difficult to remove. Often a ghost image will remain even after cleaning. Easily damaged building materials may be less expensive to purchase initially, but their susceptibility to vandalism can make them a costly proposition in the long term, particularly in at-risk areas. This should be considered when selecting materials for construction of the precinct.
11. Police support the CPTED Assessment in relation to the use of CCTV and lighting. However, Police believe a more extensive use of CCTV should be considered in view of the potential for crime indicated in the Crime Risk Assessment above. CCTV use should be supported with relevant signage indicating an area is under CCTV surveillance.
12. Due to the extensive use of glazing in the site Police believe standard annealed glass is unacceptable in the current terrorism alert environment. Police would recommend a more sturdy type of glass is used, e.g. laminated glass which when properly fitted reduces projectiles/shrapnel causing secondary injuries should an explosion occur.

### **Holroyd Local Area Command**

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15 November 2016

Our Reference: SYD16/00679/02  
Council Ref: DA 2016/127/1

General Manager  
Cumberland Council  
PO Box 118  
Auburn NSW 1835

Attention: Mr E Miletic

Dear Sir/Madam,

**PROPOSED MIXED USE DEVELOPMENT  
233-259 MERRYLANDS ROAD, MERRYLANDS**

Reference is made to Council's letter dated 6 October 2016, regarding the abovementioned Application which was referred to Roads and Maritime Services (Roads and Maritime) for comment in accordance with the *State Environmental Planning Policy (Infrastructure) 2007*.

Roads and Maritime has reviewed the submitted application and raises no objections to the proposed development provided it complies with Council's Development Control Plan 2013.

Should you have any further inquiries in relation to this matter, please do not hesitate to contact Hans Pilly Mootanah on telephone 8849 2076 or by email at [development.sydney@rms.nsw.gov.au](mailto:development.sydney@rms.nsw.gov.au)

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Pahee Rathan'.

Pahee Rathan  
**A/Senior Land Use Assessment Coordinator  
Network and Safety Section**



## Eltin Miletic

---

**From:** Cornelis Duba <Cornelis.Duba@endeavourenergy.com.au>  
**Sent:** Thursday, 27 October 2016 10:53 AM  
**To:** council  
**Cc:** Philip Wilson  
**Subject:** CUMBERLAND COUNCIL DEVELOPMENT APPLICATION 2016/127/1 RE 233 & 249-259 MERRYLANDS ROAD & 52-54 MCFARLANE STREET MERRYLANDS  
**Attachments:** Safety+clearances\_May+11.pdf; Safety+on+the+job.pdf; FactSheet\_Building\_Construction+web.pdf; work\_near\_underground\_assets\_1419[1].pdf; MDI0044%5B1%5D.PDF; FPJ%206007.pdf

The General Manager  
Cumberland Council

### **ATTENTION: Mr E Miletic, Environment & Infrastructure Division**

Dear Sir or Madam

I refer to Council's letter of 6 October 2016 regarding Development Application 2016/127/1 at 233 & 249-259 MERRYLANDS ROAD & 52-54 MCFARLANE STREET MERRYLANDS being Stocklands Merrylands Court (Lots 28, 29 Sec A DP 7916, Lots 6-8 DP 244047 and Lots 2-6 DP1210565) for 'Demolition of existing structures; consolidation of 15 lots and Torrens subdivision into 5 lots; construction of 5 mixed use buildings ranging in height between 10 and 17 storeys over 2 separate basements ranging between 2 and 5 levels accommodating a total of 562 residential units; 8230m2 of commercial floor; 742 carparking spaces; and construction of a new road'. Submissions need to be made to Council by 27 October 2016.

As shown in the below site plan from Endeavour Energy's G/Net master facility model, there is an easement over the site benefitting Endeavour Energy (indicated by red hatching) for a padmount substation (located on McFarlane Street) and associated cabling. There are both low voltage and 11,000 volt / 11 kV high voltage underground cables to parts of the road frontages of the site. Please note the location of any electricity infrastructure, boundaries etc. shown on the plan is indicative only and 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).

Endeavour Energy has no objections to the Development Application. Its recommendations and comments are as follows:

#### ☐ Network Capacity / Connection

In due course the applicant for the future 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 or indoor / chamber substations 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 find attached a copy of 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/>

In this regard Endeavour Energy has noted the following extract from the applicant's 'Servicing Letter':

☐ Asset Relocation

Advice on the possible relocation of the existing electricity infrastructure to possibly facilitate the proposed development can be obtained by submitting a Technical Review Request to Endeavour Energy's Network Connections Branch, the form for which FPJ6007 is attached and further details (including the applicable charges) are available from Endeavour Energy's website via the following link under 'Our connection services':

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

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 NSW Trade & Investment and details are available on their website via the following link:

<http://www.resourcesandenergy.nsw.gov.au/energy-supply-industry/pipelines-electricity-gas-networks/network-connections/contestable-works>

☐ Easement Management / Network Access

Please find attached for the applicant's reference a copy of Endeavour Energy's 'General Restrictions for Overhead Power Lines'. The following is a summary of the usual / main terms of Endeavour Energy's electrical easements / protected electrical works requiring that the land owner:

- o Not install or permit to be installed any services or structures within the easement site.
- o Not alter the surface level of the easement site.
- o 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.

If the proposed works will encroach/affect Endeavour Energy's easements contact must first be made with the Endeavour Energy's Easements Officer, Philip Wilson, on 9853 7110 alternately

[Philip.Wilson@endeavourenergy.com.au](mailto:Philip.Wilson@endeavourenergy.com.au).

It is imperative that the access to the existing electrical infrastructure adjacent and on the site is maintained at all times. To ensure that supply electricity is available to the community, access to the electrical assets may be required at any time.

☐ Asbestos

Endeavour Energy's G/Net master facility model indicates that the site is in a locality identified or suspected of having asbestos or asbestos containing materials (ACM) present. 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 via Head Office enquiries on telephone: 133 718 or (02) 9853 6666 from 8am - 5:30pm.

☐ 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. Accordingly 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. Landscaping that interferes with electricity infrastructure may become 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 or other utility infrastructure across the site and to identify them as a hazard and to properly assess the risk.

☐ Demolition

Demolition work is to be carried out in accordance with Australian Standard AS2601: The demolition of structures (AS 2601). 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. street light columns, power poles, overhead and underground cables etc.

☐ Public Safety

As the proposed development will involve work near electricity infrastructure, workers 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>

☐ Emergency Contact

In case of an emergency relating to Endeavour Energy's electrical network, the applicant should note Emergencies Telephone is 131 003 which can be contact 24 hours/7 days.

Could you please pass on 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 telephone numbers identified in the above in relation to the various matters. As I am working on different projects across the company's franchise area, to ensure a response contact by email is preferred.

Yours faithfully  
Cornelis Duba  
Acting Public Safety Advisor  
T: 9853 7896

E: [cornelis.duba@endeavourenergy.com.au](mailto:cornelis.duba@endeavourenergy.com.au)  
51 Huntingwood Drive, Huntingwood NSW 2148  
[www.endeavourenergy.com.au](http://www.endeavourenergy.com.au)





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