

Rebecca Sommer

From: Cornelis Duba <Cornelis.Duba@endeavourenergy.com.au>
Sent: Tuesday, 2 February 2016 10:40 AM
To: DPE CSE Information Planning Mailbox
Subject: NSW Planning & Environment - Notice of Exhibition Sydney Zoo (SSD 7228) Western Sydney Parklands
Attachments: Safety+clearances_May+11.pdf; Safety+on+the+job.pdf; FactSheet_Building_Construction+web.pdf; FactSheet_Plumber_web.pdf; Safety_DL_plumbing_web.pdf; work_near_underground_assets_1419[1].pdf; work_near_overhead_power_lines_code_of_practice_1394%5B1%5D.PDF; MDI0044%5B1%5D.PDF

The Secretary
NSW Planning & Environment

ATTENTION: Kate MacDonald, Team Leader Industry Assessments

Dear Sir or Madam

I refer to the Department's letter regarding SSD 7228 Notice of Exhibition for Sydney Zoo, Blacktown LGA (Part of Lot 101 in DP 1195067) for 'the construction and operation of a new zoological facility within the Western Sydney Parklands over an area of around 16.5 hectares. The proposed development includes animal exhibits, restaurants and cafes, show arena, picnic areas, waterways and car-parking.' Submissions need to be made by 1 February 2016. I apologise for the late submission but trust that Endeavour Energy's recommendations and comments can still be considered.

As indicated in the Department's letter 'You are being notified of the proposal as you have been identified as a nearby landowner/occupier'. As shown in the below site plans from Endeavour Energy's G/Net master facility model (please note this is not a 'Dial Before You Dig' plan) the proposed development is in the vicinity of Endeavour Energy's following sites:

- Huntingwood Zone Substation at Brabham Drive Eastern Creek (Lot 20DP 1111530); and
- Huntingwood Head Office at 51 Huntingwood Drive Huntingwood (Lot 1 DP 857249).

The plan also indicates there are no easements over or adjoining the site benefitting Endeavour Energy (which is shown by red hatching) but there is significant electricity infrastructure in the vicinity of the property.

As a nearby landowner/occupier Endeavour Energy has no objections to the proposed development. From a electricity transmission or distribution networks perspective 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 benefitting and gifted to Endeavour Energy. Please find attached for the applicant's reference is 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.

In this regard endeavour Energy has noted the following section in the Environmental Impact Statement :

3.9.4 Electricity

The nearest zone substation to the Zoo site is the New Huntingwood electrical zone substation. It is expected this substation will be utilised to service the Zoo.

Major existing electrical services currently located near to the proposed Zoo site are:

- 11kV on the southern side of the Great Western Highway;
- 11kV along Doonside Rd; and
- overhead 132 kV running down Doonside Road.

WSPT is responsible for the provision of these services to the Sydney Zoo boundary.

The Preliminary Environmental Assessment Report states that a new substation is to be provided. The Proponent is requested to consult with the energy provider. The location and details of the substation are requested to be nominated on the plans.	A new electricity kiosk will need to be provided near the entrance of the site, subject to requirements of electricity supply authority. This is the responsibility of the WSPT.
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- Network Access

It is imperative that the access to the existing electrical infrastructure on and adjacent to 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.

- Public Safety

For work near electricity infrastructure, workers run the risk of receiving an electric shock and causing substantial damage to plant and equipment. 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. Please find attached some of the available safety training resources which 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>

Could you please pass on the attached resources to the applicant / developer? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me. As I am working across the company's franchise area, to ensure a response contact by email is preferred.

Yours faithfully

Cornelis Duba

Acting Public Safety Advisor

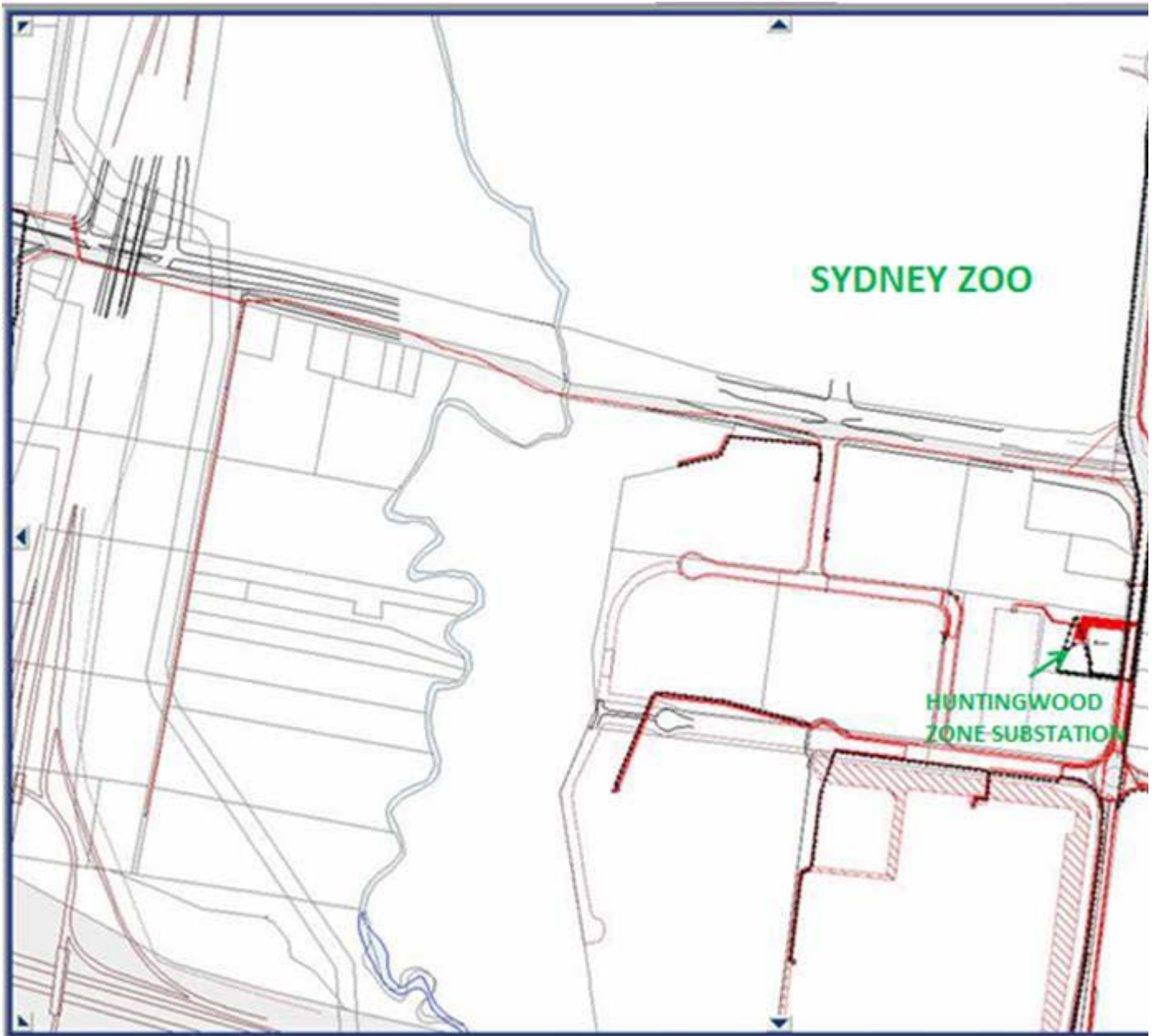
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Southern End – Great Western Highway

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