

Tuesday, 23 October 2018



38 YEARS OF SERVICE

Project No. 2018-5867012

**Attention: Mr Daniel Howard**

Ethos Urban  
173 Sussex Street  
Sydney NSW 2000

Dear Daniel

**Infrastructure Management Plan  
University of New South Wales - Building D14 Redevelopment**

**PROJECT ADDRESS:** University of New South Wales, Botany Street, Kensington

**LOT AND DP NUMBERS:** Lot 3, DP 1104617

**DEVELOPMENT APPLICATION NUMBERS:** SSD 9606

This letter provides a response to the Section 10 requirements of the Environmental Impact Statement (EIS) within the Secretary's Environmental Assessment Requirements.

**REQUIREMENT**

*Preparation of 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.*

**RESPONSE**

**Hydraulic Services**

The UNSW Kensington campus comprises a private network for:

- Domestic & Fire water
- Sewer drainage
- Stormwater drainage
- Natural gas
- Bore water (treated and untreated)

with underground pipe reticulation throughout the campus.

Sydney Water (Water and sewer), Jemena (Natural gas) and Randwick Council (Stormwater) are not required to provide any modification to this infrastructure.

We have confirmed with UNSW facilities management that sufficient capacity exists in the existing UNSW infrastructure to allow for the demand of the new D14 building.

Connections will be made to the UNSW infrastructure in accordance with the UNSW hydraulic standard and in locations approved by UNSW facilities management.

The existing sewer connection to "The White House" is not affected by the new building and a new connection for domestic water and natural gas will be made from the UNSW infrastructure in College Road.

**Full Name:** Andreas Heintze  
**Qualifications:** M.DesSc (Build.Serv.), MAHSCA  
**Address:** Level 9, 233 Castlereagh Street  
Sydney NSW 2000  
**Phone Number:** Mobile: 0418 881 883

**Signature:**

**Date:** 23 October 2018  
**Name of Employer:** Warren Smith & Partners Pty  
Limited



**UNSW**  
SYDNEY



17 October 2018

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173 Sussex Street  
Sydney NSW 2000

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**Electrical Services**

The UNSW Kensington campus comprises a private electrical network, with reticulation throughout the campus at 11kV via a multiple ring main system. As such, the electrical infrastructure within the campus is arranged to meet the requirements of the UNSW reticulation strategy, and Ausgrid is not required to undertake network modifications or provide any infrastructure for the development.

The electricity supply to the D14 building will be derived from a nearby existing substation in Building E15. Sufficient capacity exists in this substation to supply the D14 building and so no work will be undertaken to the high voltage network or to the substation.

Low voltage consumers mains will be run predominantly underground from the existing substation to the new D14 main switchboard. As these cables will be owned by UNSW and will be located on UNSW controlled land, no easement will be required.

**Telecommunication Services**

The UNSW Kensington campus comprises a private telecommunications network, with reticulation and active equipment throughout the campus provided by UNSW.

As such, the telecommunications infrastructure within the campus is reticulated and arranged to meet the requirements of the UNSW internal strategy, and external communications providers are not required to undertake network modifications or provide any infrastructure for the development.



**UNSW**  
SYDNEY



The D14 building will be connected to the UNSW campus communications network by two incoming underground cables. These will connect to the existing UNSW underground conduit system that runs around the site. Sufficient capacity exists in the UNSW communications system to service the D14 building. As these cables will be owned by UNSW and will be located on UNSW controlled land, no easement will be required. A Building Distributor will be established on Level 2 of the D14 building.

An existing connection to "The White House" will be re-routed around the D14 site prior to the commencement of construction to ensure continuity of service during the construction of the D14 building.

### **Integration with other Services**

Warren Smith & Partners are the appointed Hydraulic consultants for the project. Refer to Infrastructure Management Plan issued by Warren Smith & Partners on 23 October 2018 for Hydraulic Services component. While provided as a separate plan, the project teams are working in close collaboration to ensure a coordinated and holistic approach to Infrastructure Management.

**Full Name:** Evan Koimanis  
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International Towers Sydney,  
300 Barangaroo Avenue, Barangaroo NSW 2000  
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**Signature:**

**Date:** 5 November 2018  
**Name of Employer:** Lendlease Building Pty Limited