

12 August 2019

Ecove Group
1 Australia Avenue
Sydney Olympic Park NSW 2127

Attention: Greg Hynd

**RE: SITE 2, SYDNEY OLYMPIC PARK
ELECTRICAL SERVICES STATEMENT OF DESIGN INTENT**

The electrical services in the new areas of the hotel & commercial development at Site 2 Sydney Olympic Park shall be documented in accordance with the following:

- The smoke detection system, smoke detection for smoke control systems, building occupant warning system and monitoring system shall be designed in accordance with Specification E2.2a of the National Construction Code 2019 Volume 1, AS 1670.1-2018 and AS 4428.1-1998 and any associated Fire Engineered Solution Report.
- The emergency warning and intercom systems shall be designed in accordance with Clause E4.9 of the National Construction Code 2019 Volume 1 and AS 1670.4-2018.
- The emergency and exit sign lighting system shall be designed in accordance with Clause E4.2 to E4.8 of the National Construction Code 2019 Volume 1 and AS2293.1-2018 utilising "pictogram" legend and exit signs.
- The electricity supply system shall be designed in accordance with Clause C2.13 of the National Construction Code 2019 Volume 1.
- The lighting and power installation shall be designed in accordance with Section J, Clauses J6.2, J6.3, J6.4, J6.5, J6.6 and J8.3 of the National Construction Code 2019 Volume 1.
- The lighting to pedestrian pathways within the development shall be designed in accordance with Australian Standard AS/NZS 1158.3.1-2018, Lighting for Roads and Public Spaces Part 3.1, Pedestrian Area (Category P4) Lighting Performance and Design Requirements.
- The internal lighting shall be designed in accordance with Australian Standard AS/NZS 1680.0-2009, Interior Lighting Part O: Safe Movement and Part F4.4 of the National Construction Code 2019 Volume 1.
- The external lighting within the development shall be designed in accordance with Australian Standard AS 4282:1997 "Control of the obtrusive effects of outdoor lighting".

Please note a copy of the client's Emergency Procedures (in accordance with AS 3745-2010) will be required to be positioned next to the indicator panel.

When the design documentation is complete, our office shall issue a Design Certificate confirming that the systems have been designed in accordance with the requirements of the National Construction Code 2019 Volume 1.

When the various services contractors have completed the installation, testing and commissioning of the systems they shall have to provide a Statements of Compliance that the systems have been installed, tested and found to operate in accordance with the requirements of the National Construction Code 2019 Volume 1 and the relevant Australian Standards.

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SITE 2, SYDNEY OLYMPIC PARK

ELECTRICAL SERVICES STATEMENT OF DESIGN INTENT

Should you have any questions on this matter please do not hesitate to contact the undersigned at this office.

I am a qualified and competent person with over 5 years of relevant engineering experience in Electrical Engineering

Full Name	Greg Reardon
Qualifications:	Professional Engineer - Electrical
Address of NER:	Level 5, 37 Pitt Street Sydney NSW 2000
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Name of Employer:	Haron Robson Pty Ltd

Signature: