

MARLINE NEWCASTLE PTY. LIMITED

Managing Director Brian Hunt, BE, MBA, MIEAust
Associate Director Keld Hoyer
Associate Director Brendan Maher



ABN 92 902 545 497

ACN 098 976 946

Thursday, 9 June 2016
Ref No: MN9336

Penrith City Council
PO Box 60
PENRITH NSW 2751

Attention: Manager

Dear Sir/Madam,

**RE: Wollemi College - Enclosure of COLA
CERTIFICATE OF DESIGN – ELECTRICAL SERVICES**

SUBJECT PREMISES:

Pursuant to the provisions of **Clause A2.2 of the Building Code of Australia**, I hereby certify that the above design is in accordance with normal engineering practice and meets the requirements of the Building Code of Australia, Part 7 of the Environmental Planning and Assessment Regulations, relevant Australian Standards and relevant conditions of Development Consent. In particular the design is in accordance with the following:

Emergency Lighting	BCA 2015 Clause E4.4 & AS/NZS 2293.1 – 2005
Exit Signs	BCA 2015 Clauses E4.5, E4.6 and E4.8 and AS/NZS 2293.1 – 2005
General Lighting	AS1680.1, AS1680.2.1, AS1680.2.2 & AS1680.2.3
Wiring Rules	AS/NZS 3000 – 2007
Fire Detection	BCA 2015 Clause E2.2 and AS 1670
Energy Efficiency:	
- Application of part	BCA 2015 Clause J6.1
- Artificial lighting	BCA 2015 Clause J6.2
- Interior artificial lighting and power control	BCA 2015 Clause J6.3

OR IF DRAWINGS ARE TO BE LISTED

I am an appropriately qualified and competent person in this area and as such can certify that the design and performance of the design systems comply with the above and which are detailed on the following drawings.

E0-1	LEGEND, NOTES & DRAWING SCHEDULE
E0-2	POWER & COMMS LAYOUT
E0-3	LIGHTING & SECURITY LAYOUT
E0-4	SINGLE LINE DIAGRAM & BLOCK DIAGRAMS ELECTRICAL SPECIFICATION

Marline Newcastle possesses Indemnity Insurance to the satisfaction of the building owner.



Full Name of Designer: Fred Pentecost
Qualifications: BEng (Electrical), MDesSc (Building Services), NPER
Address of Designer: 4/239 King Street Newcastle NSW 2300
Business Telephone No: 02 4925 9300 **Fax No:** 02 4926 3811
Name of Employer: Marline Newcastle Pty Ltd

Signature:

MARLINE NEWCASTLE PTY. LIMITED

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PO Box 60
PENRITH NSW 2751

Attention: Manager

Dear Sir/Madam,

**RE: Wollemi College - Enclosure of COLA
CERTIFICATE OF DESIGN – HYDRAULIC SERVICES**

SUBJECT PREMISES:

Pursuant to the provisions of **Clause A2.2 of the Building Code of Australia**, I hereby certify that the above design is in accordance with normal engineering practice and meets the requirements of the Building Code of Australia, Part 7 of the Environmental Planning and Assessment Regulations, relevant Australian Standards and relevant conditions of Development Consent. In particular the design is in accordance with the following:

Fire Hose Reels

BCA 2015 Clause E1.4 and AS 2441 – 2005

Fire Hydrant Systems

BCA 2015 Clause E1.3 and AS 2419.1 – 2005

I am an appropriately qualified and competent person in this area and as such can certify that the design and performance of the design systems will comply with the above.

OR IF DRAWINGS ARE TO BE LISTED

I am an appropriately qualified and competent person in this area and as such can certify that the design and performance of the design systems comply with the above and which are detailed on the following drawings.

H0-1 LEGEND, NOTES & DETAILS

H0-2 SITE SERVICES AND FIRE HYDRANT HOSE REEL LAYOUTS
HYDRAULIC SPECIFICATION

Marline Newcastle possesses Indemnity Insurance to the satisfaction of the building owner.

Full Name of Designer: Brendan Maher

Qualifications: Ass.Dip.Eng

Address of Designer: 4/239 King Street Newcastle NSW 2300

Business Telephone No: 02 4925 9300

Fax No: 02 4926 3811

Name of Employer: Marline Newcastle Pty Ltd

Signature:

MARLINE NEWCASTLE PTY. LIMITED

Managing Director Brian Hunt, BE, MBA, MIEAust
Associate Director Keld Hoyer
Associate Director Brendan Maher



ABN 92 902 545 497

ACN 098 976 946

Thursday, 9 June 2016

Ref No: MN9336

Penrith City Council
PO Box 60
PENRITH NSW 2751

Attention: Manager

Dear Sir/Madam,

**RE: Wollemi College - Enclosure of COLA
CERTIFICATE OF DESIGN – MECHANICAL SERVICES**

SUBJECT PREMISES:

Pursuant to the provisions of **Clause A2.2 of the Building Code of Australia**, I hereby certify that the above design is in accordance with normal engineering practice and meets the requirements of the Building Code of Australia, Part 7 of the Environmental Planning and Assessment Regulations, relevant Australian Standards and relevant conditions of Development Consent. In particular the design is in accordance with the following:

**Smoke Hazard Management
(automatic shutdown)**

**BCA 2015 Clause E2.2
AS 1668.1 – 1998**

Ventilation:

- Ventilation of rooms
- Natural ventilation
- Mechanical ventilation

**BCA 2015 Clause F4.5
BCA 2015 Clauses F4.6 and F4.7
AS 1668.2 – 2012**

Energy Efficiency:

- Air conditioning systems
- Mechanical ventilation systems
- Miscellaneous exhaust systems
- Facilities for energy monitoring

**BCA 2015 Clause J5.2
BCA 2015 Clause J5.3
BCA 2015 Clause J5.4
BCA 2015 Clause J8.3**

I am an appropriately qualified and competent person in this area and as such can certify that the design and performance of the design systems comply with the above and which are detailed on the following drawings.

M0-1 LEGEND, NOTES & SCHEDULES
M0-2 AIR CONDITIONING & VENTILATION LAYOUT

Marline Newcastle possesses Indemnity Insurance to the satisfaction of the building owner.



Full Name of Designer: Brian Hunt
Qualifications: BE
Address of Designer: 4/239 King Street Newcastle NSW 2300
Business Telephone No: 02 4925 9300 **Fax No:** 02 4926 3811
Name of Employer: Marline Newcastle Pty Ltd

Signature: 