

03.08.2021

Ref: SY200096-HSDI-2

Lahznimmo Architects
Suite 404, Flourmill Studios
3 Gladstone Street
Newtown, NSW, 2042

Dear Hugo,

Re: Gosford Regional Library - Hydraulic Services Statement of Compliance

Subject Premises: 123A Donnison St, Gosford, NSW, 2250 (Lot 100, DP 711850)

Pursuant to the provisions of Clause A5.2 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, relevant Australian Standards and relevant conditions of Developments Consent. In particular the design is in accordance with the following:

1.1 Stormwater Drainage

The stormwater drainage system will be designed in accordance with the following documents:

- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS/NZS 3500.3:2018 - Plumbing and Drainage - Stormwater Drainage.

1.2 Sanitary Plumbing and Drainage

The sanitary plumbing and drainage system will be designed in accordance with the following documents:

- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS/NZS 3500.2:2018 - Plumbing and Drainage - Sanitary Plumbing and Drainage.

1.3 Cold Water Service

The cold water service will be designed in accordance with the following documents:

- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS/NZS 3500.1:2018 - Plumbing and Drainage - Water Services.

1.4 Hot Water Service

The hot water service will be designed in accordance with the following documents:

- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS/NZS 3500.1:2018 - Plumbing and Drainage - Water Services;
- AS/NZS 3500.4:2018 - Plumbing and Drainage - Heated Water Services.

1.5 Rainwater Re-use Water Service

The rainwater re-use water service will be designed in accordance with the following documents:

- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS/NZS 3500.1:2018 - Plumbing and Drainage - Water Services.

1.6 Fire Hydrant Service

The fire hydrant service will be designed in accordance with the following documents:

- NCC 2019 Volume 1, Clause E1.3;
- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS 2419.1:2005 - Fire Hydrant Installations - System Design, Installation and Commissioning;

1.7 Fire Hose Reel Service

The fire hose reel service will be designed in accordance with the following documents:

- NCC 2019 Volume 1, Clause E1.4;
- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS 2441.1:2005 - Installation of Fire Hose Reels.

1.8 Fire Sprinkler Service

The fire sprinkler service will be designed in accordance with the following documents:

- NCC 2019 Volume 1, Clause E1.5;
- NCC 2019 Volume 3: Plumbing Code of Australia;
- AS 2118.1:2017 - Automatic Fire Sprinkler Systems - General Requirements.

1.9 Fire Extinguishers and Fire Blankets

The fire extinguishers and fire blankets will be designed in accordance with the following documents:

- NCC 2019 Volume 1, Clause E1.6;
- AS 2444:2001 - Portable Fire Extinguishers and Fire Blankets - Selection and Location.

1.10 Energy Efficiency

Energy efficiency measures will be included in the design in accordance with the following documents:

- NCC 2019 Volume 1, Section J, Clause J7.2;
- NCC 2019 Volume 3, Section B2.

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.

Northrop possesses Indemnity Insurance to the satisfaction of the building owner or my principal.

Full Name of Designer:	Scott Murray
Address of Designer:	Level 11, 345 George Street Sydney NSW 2000
Business Telephone No:	02 9241 4188

Name of Employer:

Northrop Consulting Engineers Pty Ltd

We confirm that in preparing the hydraulic services documentation for this development, we have exercised due diligence and care, in accordance with standard practice. This Certificate however, does not relieve other parties from their responsibilities.

Yours faithfully,



Scott Murray
Hydraulic Engineer
Northrop Consulting Engineers Pty Ltd

Date	Rev	Issue	Author	Verifier
01.09.2020	1	For Information	S.Murray	
03.08.2021	2	For Information	S.Murray	