

Our Reference: 193308_CL01

9th April 2020

Sirius Development Pty Ltd

c/- John Green
52 Victoria Street
Paddington NSW 2021

Dear John,

Re: 2-60 Cumberland Street, The Rocks – Flood Impact Assessment

Northrop Consulting Engineers Pty Ltd, as the civil engineering consultant for project, has assessed the flood impacts at 2-60 Cumberland Street, The Rocks. Our review was based on the following documentation:

- City of Sydney Interim Floodplain Management Policy - Sydney City Catchment
- City Area Catchment Floodplain Risk Management Plan (2016) prepared by WMA Water

While conducting our review Northrop found;

- The site flood hazard is ranked as “Low Hazard”
- The nearest 1% AEP flood waters are located in George Street further to the east of the site with a top water level of approx. RL 14.25.
- The minimum level on the site is RL 18.20, therefore the subject site is located approx. 3.95m above 1% AEP Flood Event.
- Smaller flood extents shown in Appendix A & B are due to anomaly within the broader catchment flood model as such does not indicate the site is affected by flooding.

Based on our review and the above findings we have concluded the site is not affected by flooding.

This letter is based on our professional opinion and design assumptions that have been made in accordance with normal engineering practice.

Please feel free to discuss any aspect with the undersigned.

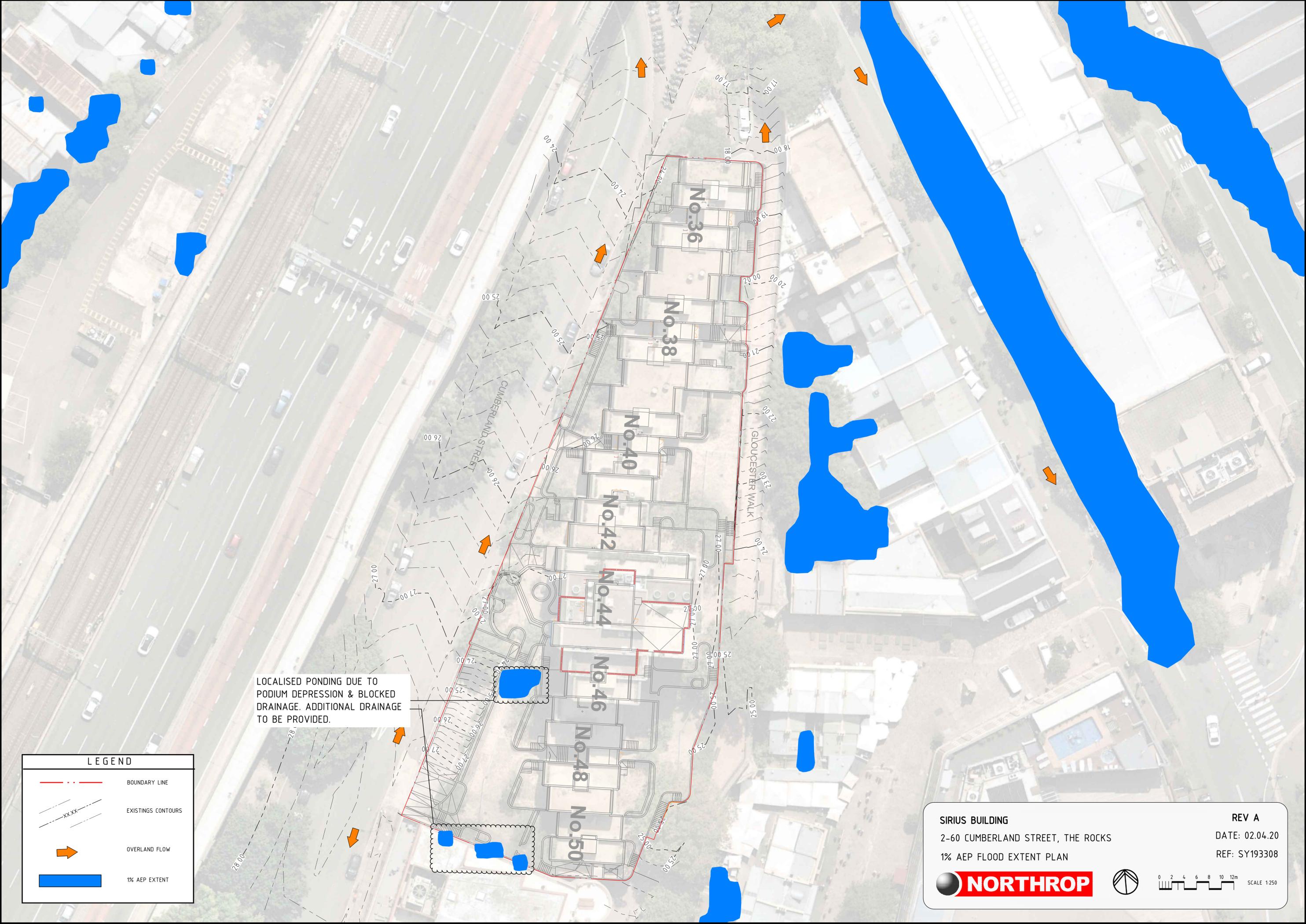
Neville Naicker
Civil Engineer
Northrop Consulting Engineers

Stephen Fryer
BE (Civil) MIEAust CPEng NER
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Northrop Consulting Engineers

Attachments:

1. Appendix A – 1% AEP Flood Extent Plan
2. Appendix B – 1% AEP Peak Flood Depth
3. Appendix C – 1% AEP Hazard Categories

Appendix A



LOCALISED PONDING DUE TO
 PODIUM DEPRESSION & BLOCKED
 DRAINAGE. ADDITIONAL DRAINAGE
 TO BE PROVIDED.

LEGEND

-  BOUNDARY LINE
-  EXISTINGS CONTOURS
-  OVERLAND FLOW
-  1% AEP EXTENT

SIRIUS BUILDING
 2-60 CUMBERLAND STREET, THE ROCKS
 1% AEP FLOOD EXTENT PLAN

REV A
 DATE: 02.04.20
 REF: SY193308

   SCALE 1:250

Appendix B

FIGURE 2
PEAK FLOOD DEPTH
1% AEP DESIGN FLOOD EVENT



J:\Jobs\114095\ArcGIS\City Area Maps\FRMPI\Figure02 Peak Flood Depth 1%.mxd

Appendix C

FIGURE 4
HAZARD CATEGORIES
1% AEP DESIGN FLOOD EVENT

