







DRAWING SCALE ADJUSTED ISSUED FOR INFORMATION

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Appendix G

Council Correspondence 1 August 2018

Mark

I can confirm our discussions detailed in your email. In addition to flood levels/ velocities impact assessment, flood evacuation is also needed to be addressed. This is depending on the type/ extent of the proposed development and the location of the site. You may need to contact the SES (Contact: Peter Cinque, Email: peter.cinque@swd.ses.nsw.gov.au) regarding flood evacuation.

Regards

Myl Senthilvasan

Engineering Coordinator - Policy and Projects

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From: Mark Wilson [mailto:Mark@costinroe.com.au]

Sent: Wednesday, 1 August 2018 11:48 AM

To: Mylvaganam Senthilvasan < myl.senthilvasan@penrith.city **Cc:** Mitchell Cross < Mitchell Cross@costinroe.com.au; Mitchell Kent

<MKent@cadenceproperty.com.au>; Chris Wilson (cwilson@willowtp.com.au)

<cwilson@willowtp.com.au>

Subject: RE: 13620.00 Flood Model - Andrews Road Penrith

Myl,

Thanks for your time this morning.

Confirming our discussion as follows:

- Councils flood modellers (Advisian) are currently re-running the numerical models to address some hydraulic requirements in and around Penrith Lakes area.
- This final model would be ready in approximately two months. This would then need to be reviewed and confirmed by council prior to a final report being produced and then being able to be used by external parties.
- The flood level and conveyance in and around the Andrews road development site are unlikely to be impacted by the adjustments currently being made to the model by Advisian.
- We understand councils preference for a site specific flood study to include boundary conditions taken from the revised model discussed above.

- Further to above, Council however understands that timing of the updated study is unlikely
 to fit with proposed development application timeframe and that an alternate set of
 boundary conditions would need to be agreed with council to use in the site specific model
 suitable for a development application. These would need to include such items as:
 - Extent of study area including confirmation of distance upstream and downstream of the study area.
 - Upstream/ in-flow conditions.
 - O Downstream boundary level for 5% AEP, 1% AEP, 0.5% AEP and PMF.

Post our discussion I have confirmed with our client that current timeframes for the application will be for a circa September submission, hence the site specific flood assessment will need to be undertaken prior to the updated Advisian modelling. This being the case we will need to get the ball rolling on confirmation of the above parameters and will correspond with you further on this.

Again thanks for your time and if you have anything further to include to the above please advise, thanks Mark.

Best Regards,

Mark Wilson Director



PRECISION | COMMUNICATION | ACCOUNTABILITY

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From: Mylvaganam Senthilvasan < myl.senthilvasan@penrith.city>

Sent: Wednesday, 18 July 2018 1:45 PM **To:** Mark Wilson < <u>Mark@costinroe.com.au</u>>

Cc: Mitchell Cross < Mitchell.Cross@costinroe.com.au Subject: RE: 13620.00 Flood Model - Andrews Road Penrith

Hi Mark

I am afraid to say that the Nepean flood model is not yet available, we are currently fixing an error in the modelling, would take a minimum of two months to complete and produce the final study documents.

Then we need to report to Council, so probably the model will be made available to public later this year.

Regards

Myl Senthilvasan

Engineering Coordinator - Policy and Projects

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From: Mark Wilson [mailto:Mark@costinroe.com.au]

Sent: Monday, 16 July 2018 3:45 PM

To: Mylvaganam Senthilvasan < myl.senthilvasan@penrith.city >

Cc: Mitchell Cross < Mitchell.Cross@costinroe.com.au Subject: 13620.00 Flood Model - Andrews Road Penrith

Importance: High

Myl,

We spoke briefly a month or so back about flood modelling around Andrews Road, Penrith and the Nepean River Flood study.

I was wondering if an electronic model is available for the Nepean River study (similar to what was provided to us for South Creek) to assist in our local model for the Andrews Road project, and if so how we would go about obtaining it.

Thanking you in advance for your help, Mark.

Best Regards,

Mark Wilson

Director

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