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CITY OF CANTERBURY BANKSTOWN

To: Fadi El-Ali
115 Hillcrest Ave
GREENACRE NSW 2190

STORMWATER SYSTEM REPORT 267 Miller Road, BASS HILL NSW 2197

Date: 19-Jul-2021
Ref: WP-SIA-1337/2021
Development type: **Detached Dwelling (single house)**

NO

FLOOD/OVERLAND FLOW STUDY REQUIRED

The site is affected by the following Council stormwater system components:

- Stormwater inundation from excess stormwater runoff from the upstream catchment and associated with the drainage system through Miller Road.

The front part of the site will be subject to stormwater inundation from this overland flowpath during large storm events. Refer to the attached "**100 Year ARI Flood Extent Map from Villawood Catchment Study**" showing the flood contours to m AHD**. Provision should be made on site, and at boundary fences, for this stormwater runoff to pass unobstructed over the site. Stormwater flowing naturally onto the site must not be impeded or diverted.

The estimated 100 year ARI* flood level at the site is RL 27.8 m AHD.**

For this development, a flood /overland flow study to determine the 100 year ARI* water surface level is not necessary.

The Development Application submission shall be based on an AHD datum for levels where sites are affected by overland flow / flooding. Refer Bankstown Council's *Development Engineering Standards**.**

The proposed development including floor levels, shall comply with the development controls specified in Part B12 Schedule 5, of Bankstown's Development Control Plan 2015 - Catchments Affected by Stormwater Flooding.

Habitable floor levels are to be at least 500mm above the 100 year ARI* flood level at the site adjacent to the proposed building.

Runoff from the dwelling is to be collected and disposed of to Council's requirements detailed in Bankstown Council's *Development Engineering Standards****.

This report is given without the benefit of development plans or a site survey.

This report relates to the exposure of the subject site to Council's stormwater system, both underground and overland. It does not assess the suitability or otherwise of this site for the proposed development.

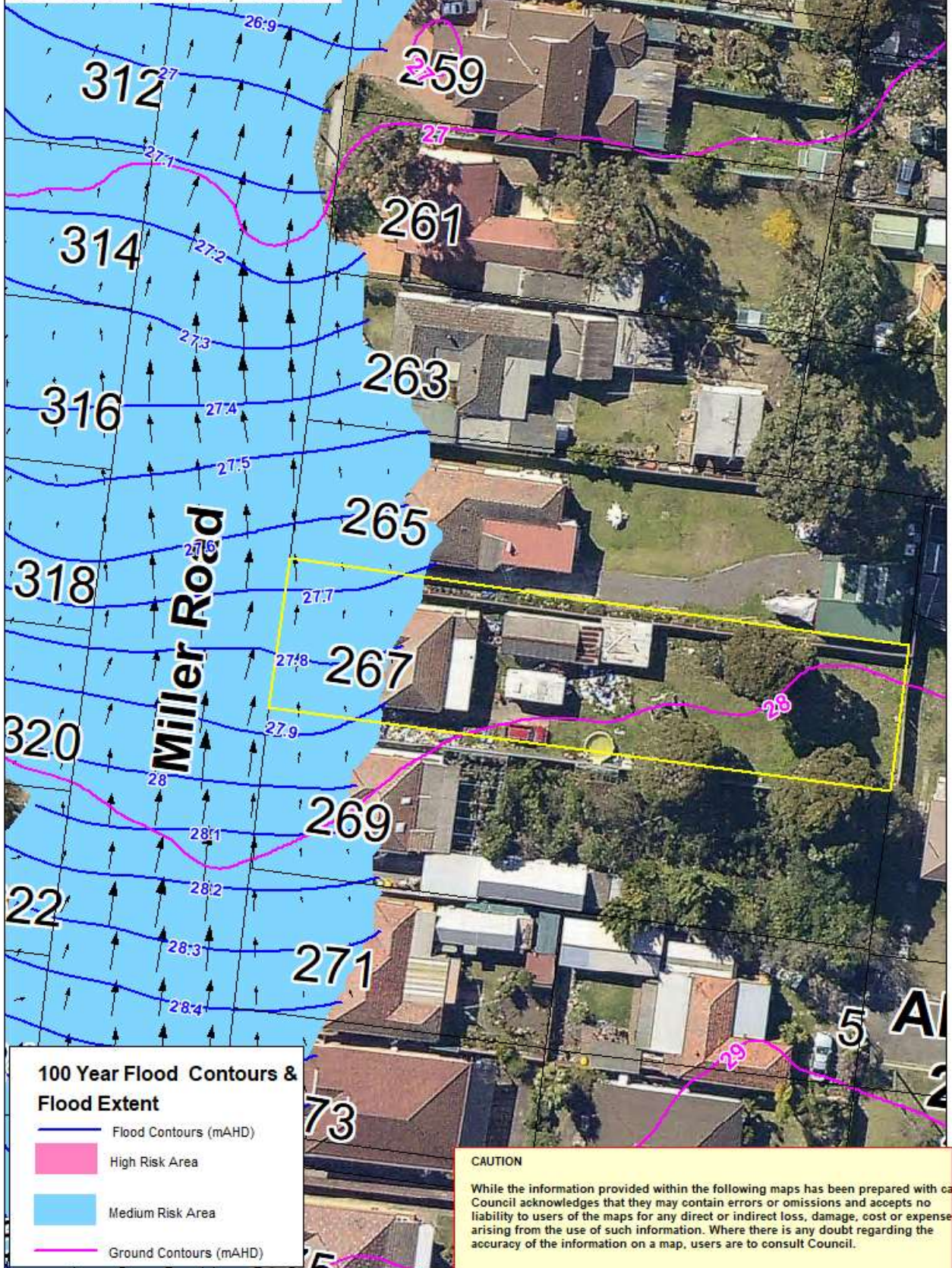
* Average Recurrence Interval

** Australian Height Datum

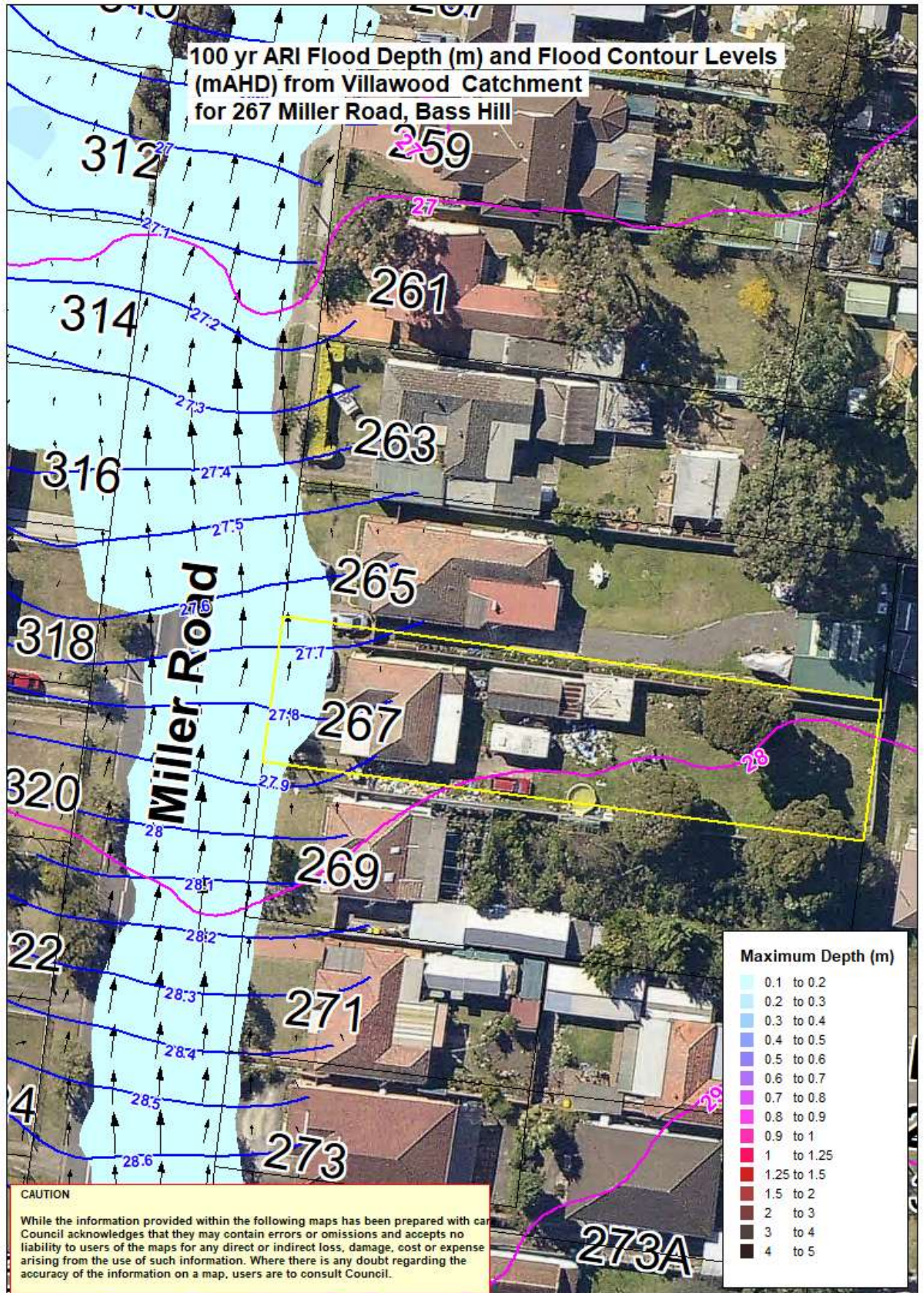
*** Bankstown Council's *Development Engineering Standards* and *Bankstown's Development Control Plan 2015* is available from Council's Customer Service Centre.

Pushpa Goonetilleke
ENGINEER

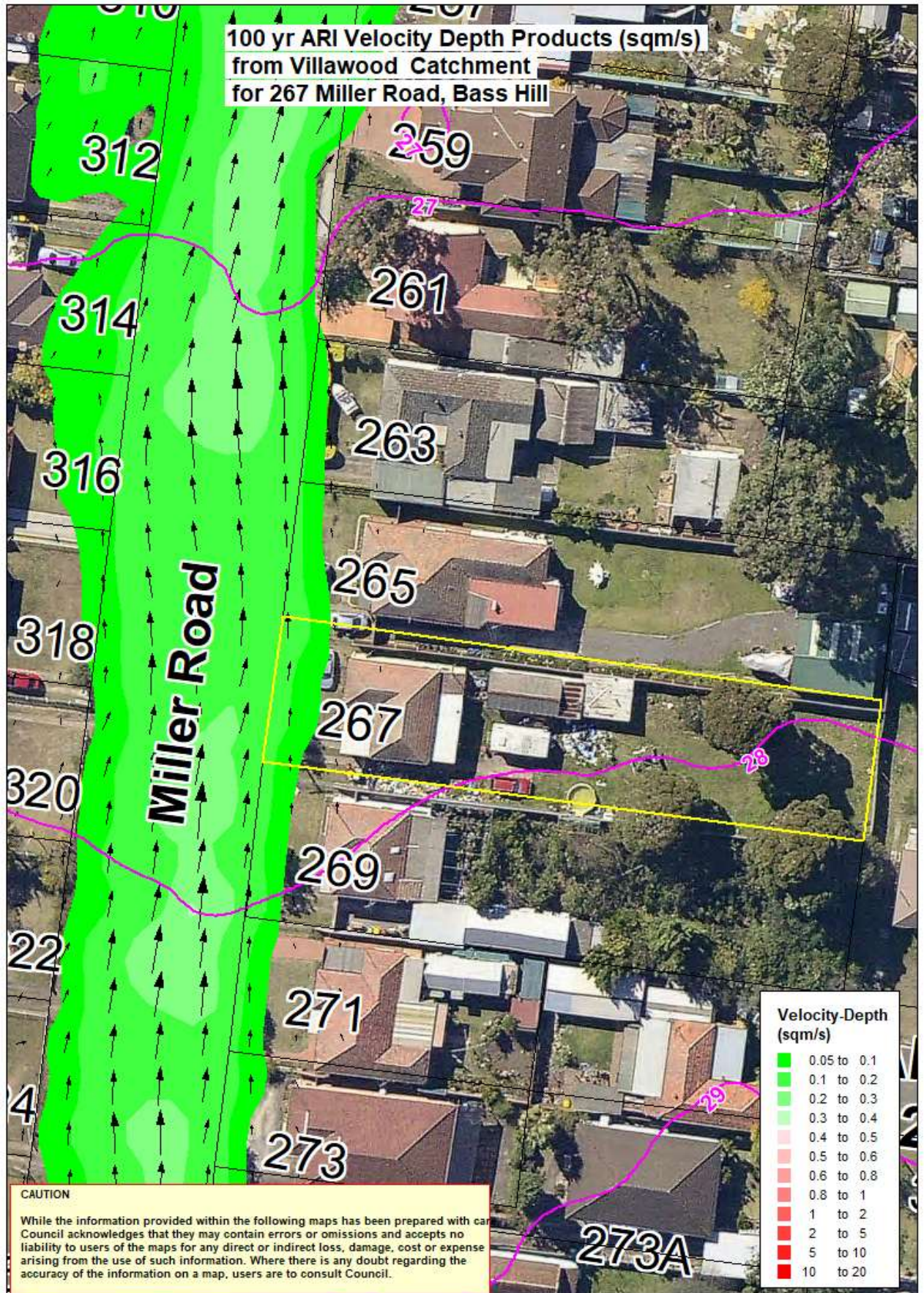
100 Year ARI Flood Extent and Flood Contour Levels (mAHD) from Villawood Catchment for 267 Miller Road, Bass Hill

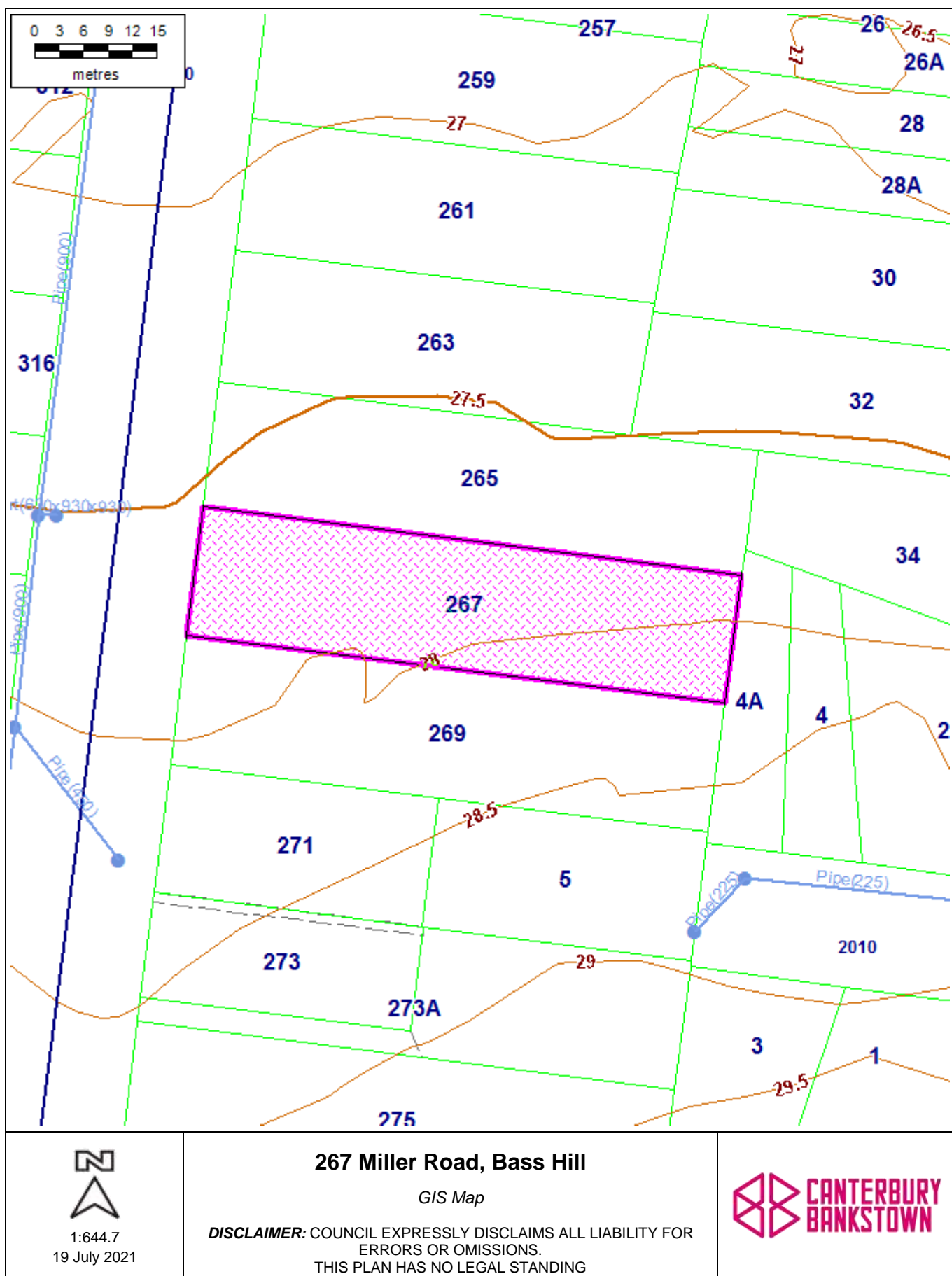


100 yr ARI Flood Depth (m) and Flood Contour Levels (mAHD) from Villawood Catchment for 267 Miller Road, Bass Hill



100 yr ARI Velocity Depth Products (sqm/s)
from Villawood Catchment
for 267 Miller Road, Bass Hill







1:586.1
19 July 2021

267 Miller Road, Bass Hill

Aerial Map

DISCLAIMER: COUNCIL EXPRESSLY DISCLAIMS ALL LIABILITY FOR
ERRORS OR OMISSIONS.
THIS PLAN HAS NO LEGAL STANDING



Legend



Suburb



Drainage Conduits



Drainage Devices



Sydney Water



Contour Major 5m



Contour Intermediate 2.5m



Contour Minor 0.5m



Parcel



Parcel Associate

Z

Parcel Vinculum



Jetty



Easements



Road Boundaries



Aerial Photo 14052019



Road Names



Airport Internal Road



Water Boundary



Railway



Airport Taxiway