



Level 1, 66 - 72 Rickard Road, Bankstown NSW
PO Box 8, Bankstown NSW 1885
Tel: (02) 9707 9010 - Fax: (02) 9707 9408
DX 11220 BANKSTOWN
council@cbc.city.nsw.gov.au

CITY OF CANTERBURY BANKSTOWN

To: Mr Heng Teh
8/77 Old Castle Hill Rd
CASTLE HILL NSW 2154

STORMWATER SYSTEM REPORT 88 Duke Street, CAMPSIE NSW 2194

Date: 02-Feb-2022
Ref: WP-SIA-163/2022
Development type: **Residential Extension & Outbuilding / Pool**

NO	FLOOD/OVERLAND FLOW STUDY REQUIRED
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The site is affected by the following Council stormwater system components:

- 1050mm diameter stormwater pipeline (according to Council records) and associated 3.05m wide easement located along the western site boundary within the site.
- Overland flowpath for excess stormwater runoff from the upstream catchment and associated with this drainage system.

The site will be subject to stormwater inundation from this overland flowpath during large storm events. Refer to the attached "**100 Year ARI Flood & PMF Extent Maps from Cooks River Overland Flow 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.

For this development, a flood /overland flow study to determine the 100 year ARI* water surface level is not necessary provided that the **proposed development including floor levels, shall comply with the development controls specified in Canterbury Development Control (2012) - Catchments Affected by Stormwater Flooding.**

The Development Application submission shall be based on an AHD datum for levels where sites are affected by overland flow / flooding.

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

Runoff from the extension is to be collected and piped by gravity to Council's 1050mm diameter stormwater pipeline at the site or site existing system.

Runoff from the dwelling extension is to be collected and disposed of to Council's requirements detailed in former Canterbury Council DCP 2012 (or current DCP).

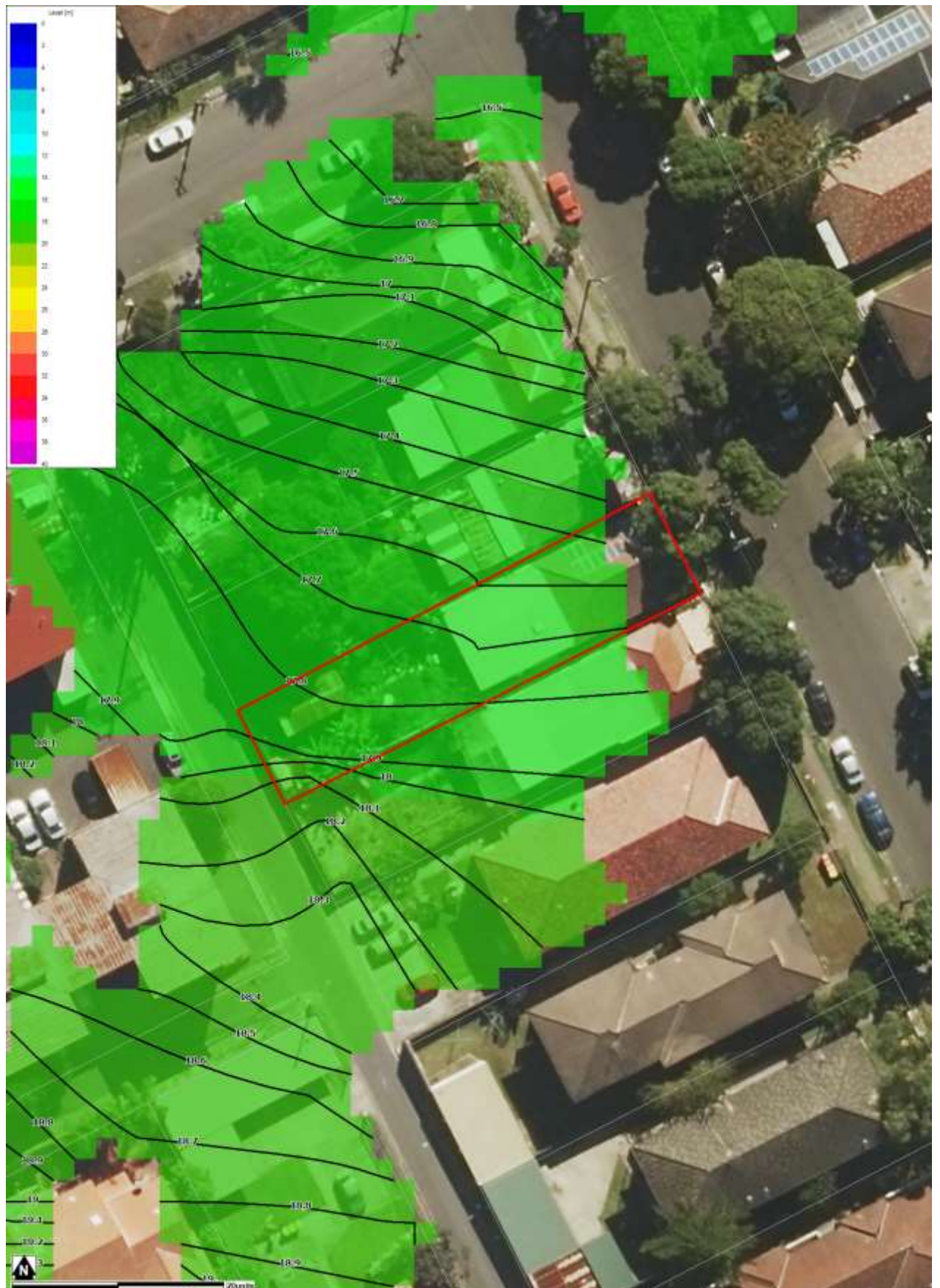
**All structures and buildings must be located clear of pipelines and easements
Proposed structures may require special footings due to their proximity to stormwater easements and pipelines. Refer to Council current DCP.**

This report is given without the benefit of development plans or a site survey. Council may choose to vary some report requirements following evaluation of detailed plans when they are submitted.

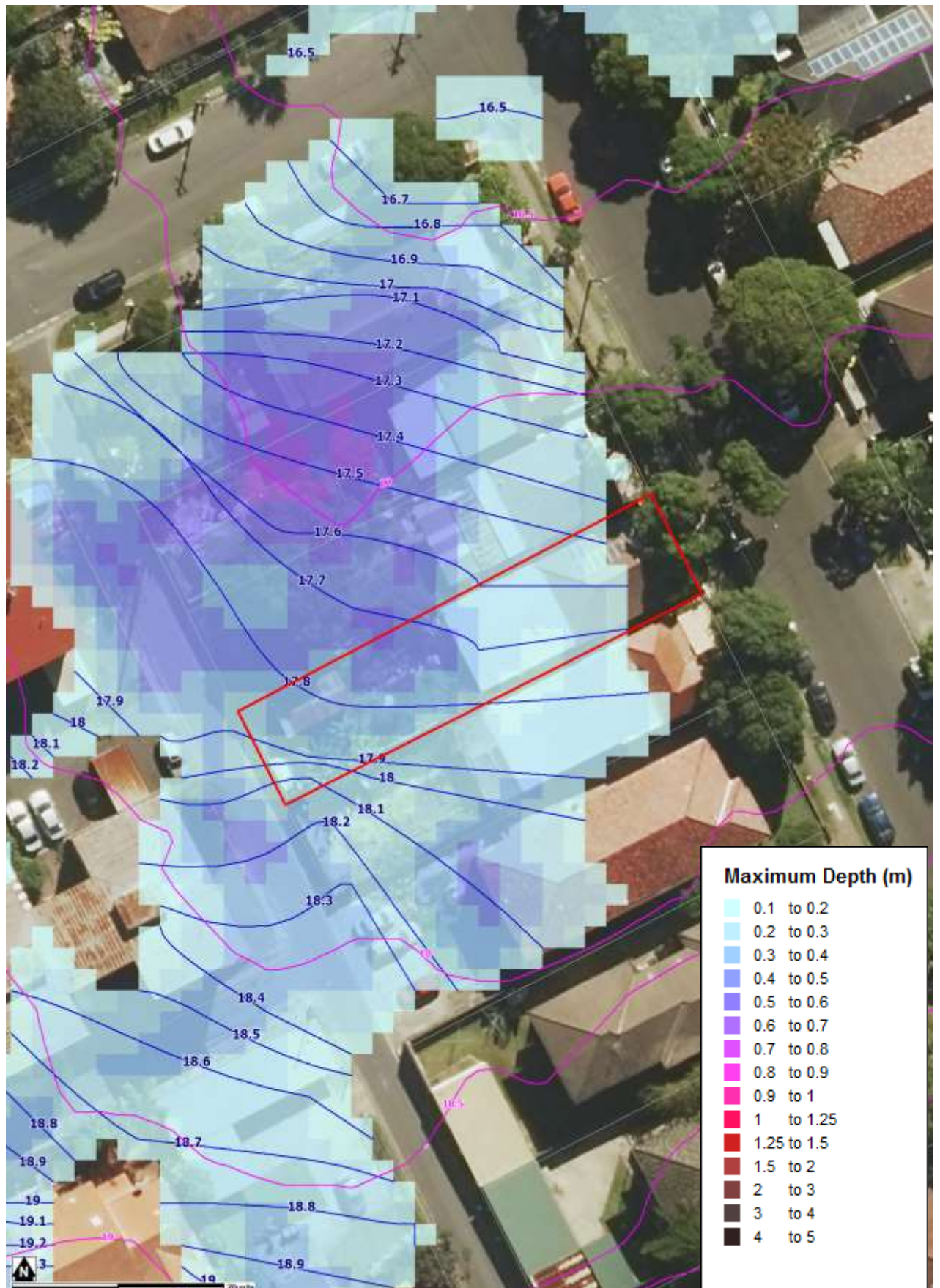
This report relates to the exposure of the subject site to Council's stormwater system, both underground and overland. It does not assess the suitability or otherwise of this site for the proposed development.

- * Average Recurrence Interval
- ** Australian Height Datum
- PMF Probable Maximum Flood

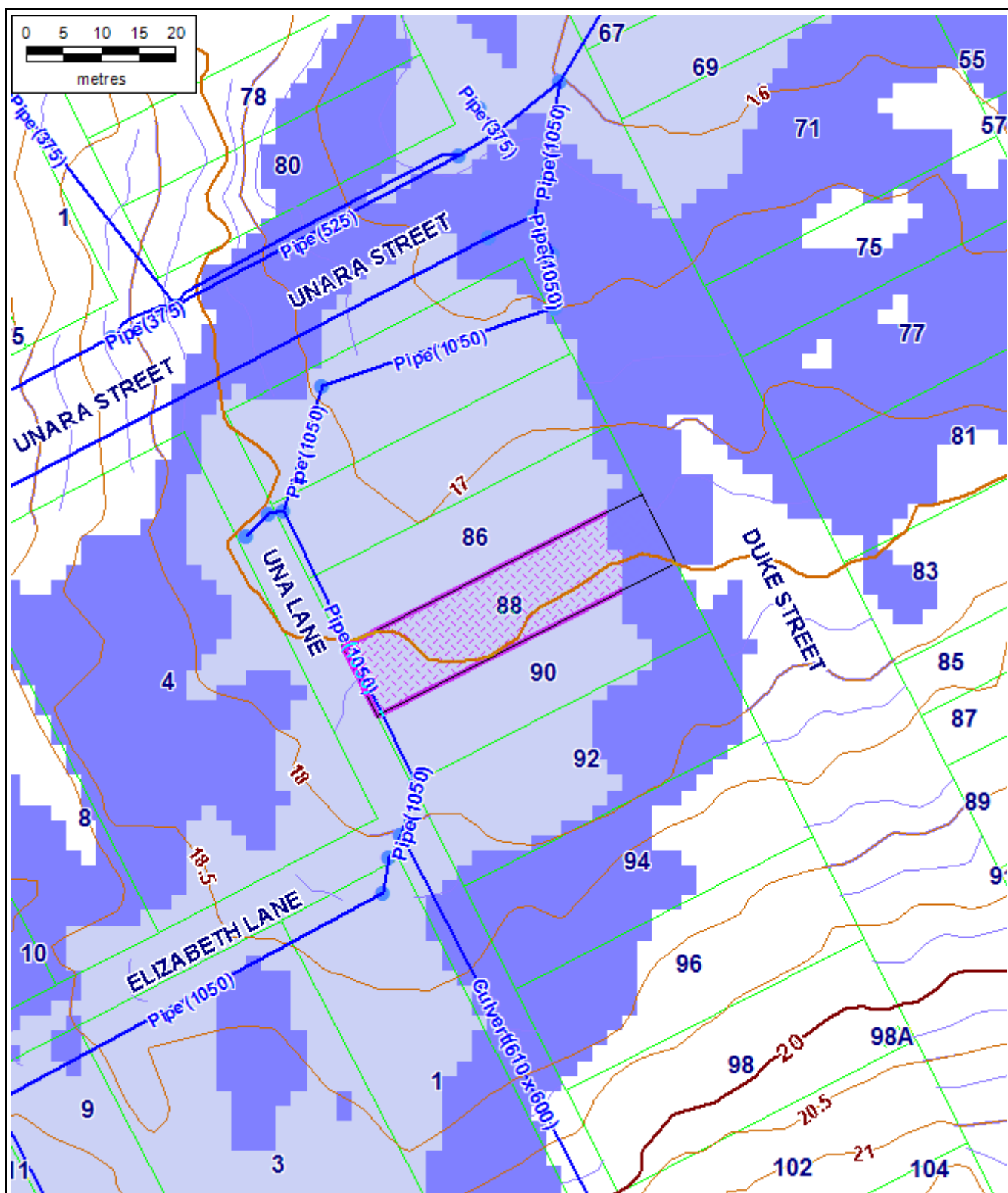
**Pushpa Goonetilleke
ENGINEER**



100yr ARI Flood Extent with flood contours to mAHD**



100yr ARI Flood Depth with flood contours to m AHD**



1:747.5
2 February 2022
























88 Duke Street, Campsie

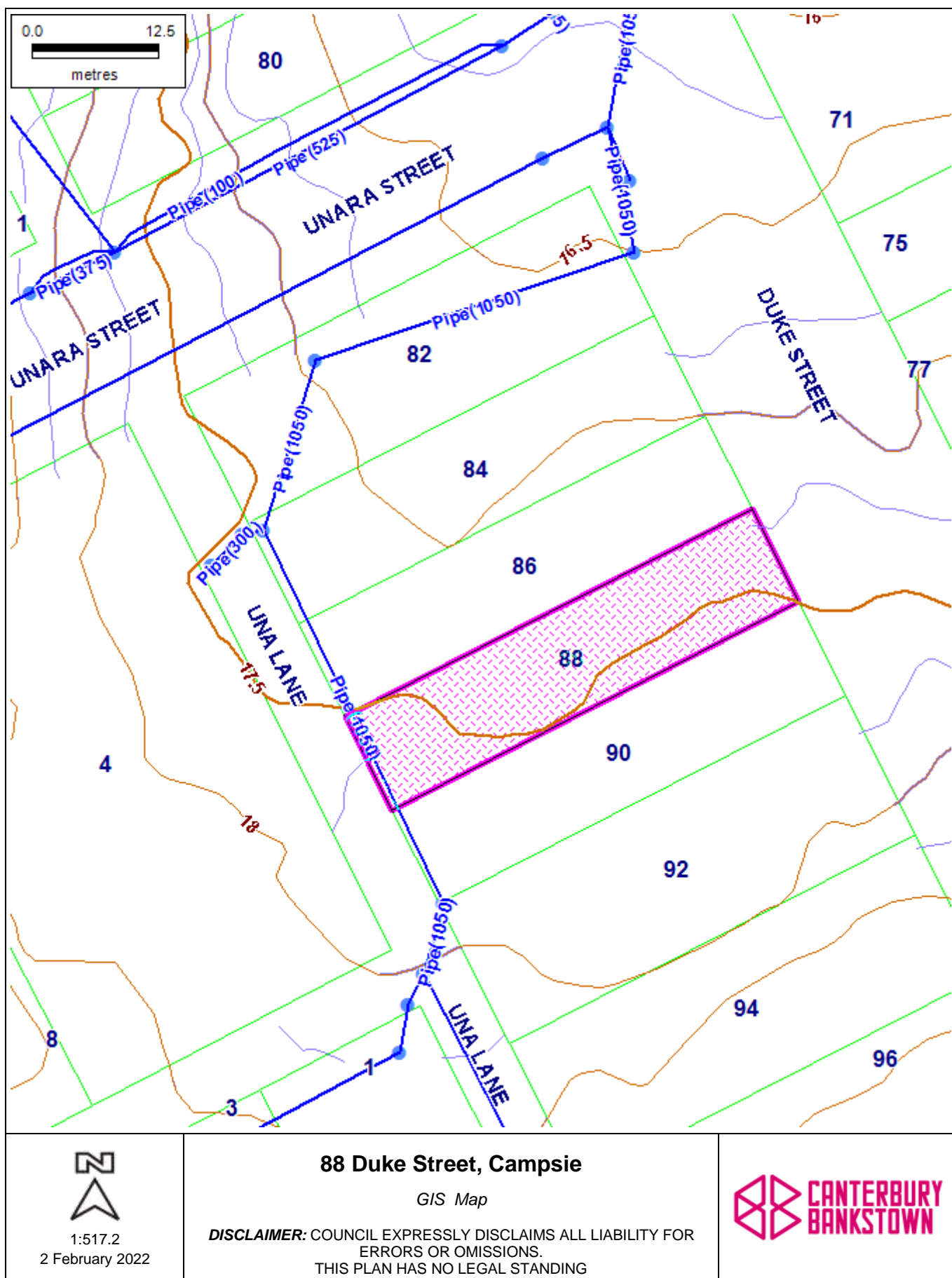
100 year ARI & Probable Maximum Flood Extent Map

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



Legend

	Suburb
	Stormwater Drains MD
	Stormwater Pits MD
	Sydney Water
	Contour Major 5m
	Contour Intermediate 2.5m
	Contour Minor 0.5m
	_25cm Contour Interval (Major)
	_25cm Contour Interval (Basic)
	_25cm Contour Interval (Minor)
	Parcel
	Parcel Associate
	Parcel Vinculum
	Jetty
	Easements
	Road Boundaries
	Flooding_100YR
	Flooding_PMFEXTENT
	Coastal_Management_SEPP_2018
	Road Names
	Airport Internal Road
	Water Boundary
	Airport Taxiway





1:517.2
2 February 2022

88 Duke Street, Campsie

Aerial Map

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