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CITY OF CANTERBURY BANKSTOWN

To: Robin Bouchahine
10 Wentworth St
CROYDON PARK NSW 2133

STORMWATER SYSTEM REPORT 8 Wentworth Street, CROYDON PARK NSW 2133

Date: 01-Apr-2022
Ref: WP-SIA-692/2022
Development type: Residential Development

NO

FLOOD/OVERLAND FLOW STUDY REQUIRED

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

- Overland flowpath for excess stormwater runoff from the upstream catchment and associated with the drainage system located west of the site.

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 Catchment Study**". 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 6.5 m AHD.**

For this development, a flood 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.

The proposed development including floor levels, shall comply with the development controls specified in former Canterbury Development Control Plan 2012 - Catchments Affected by Stormwater Flooding (current DCP).

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

Runoff on the site, and naturally draining to it is to be collected and disposed of to Council's requirements detailed in Canterbury Bankstown Council's *Development Engineering Standards (current DCP)*.

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

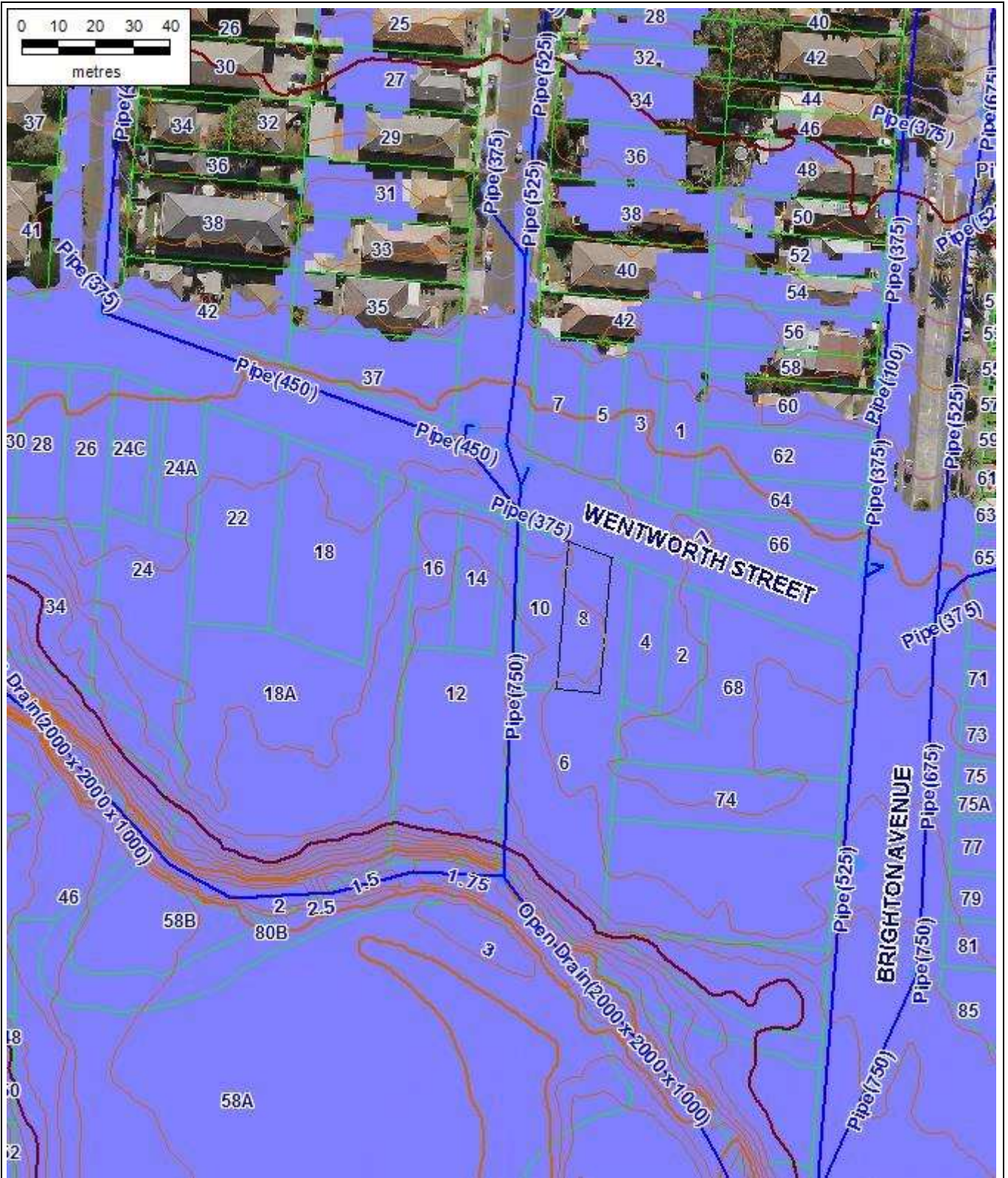
Pushpa Goonetilleke
ENGINEER



100yr ARI Flood Extent



100yr ARI Flood Depth



1:1,498
1 April 2022
























8 Wentworth Street, Croydon Park

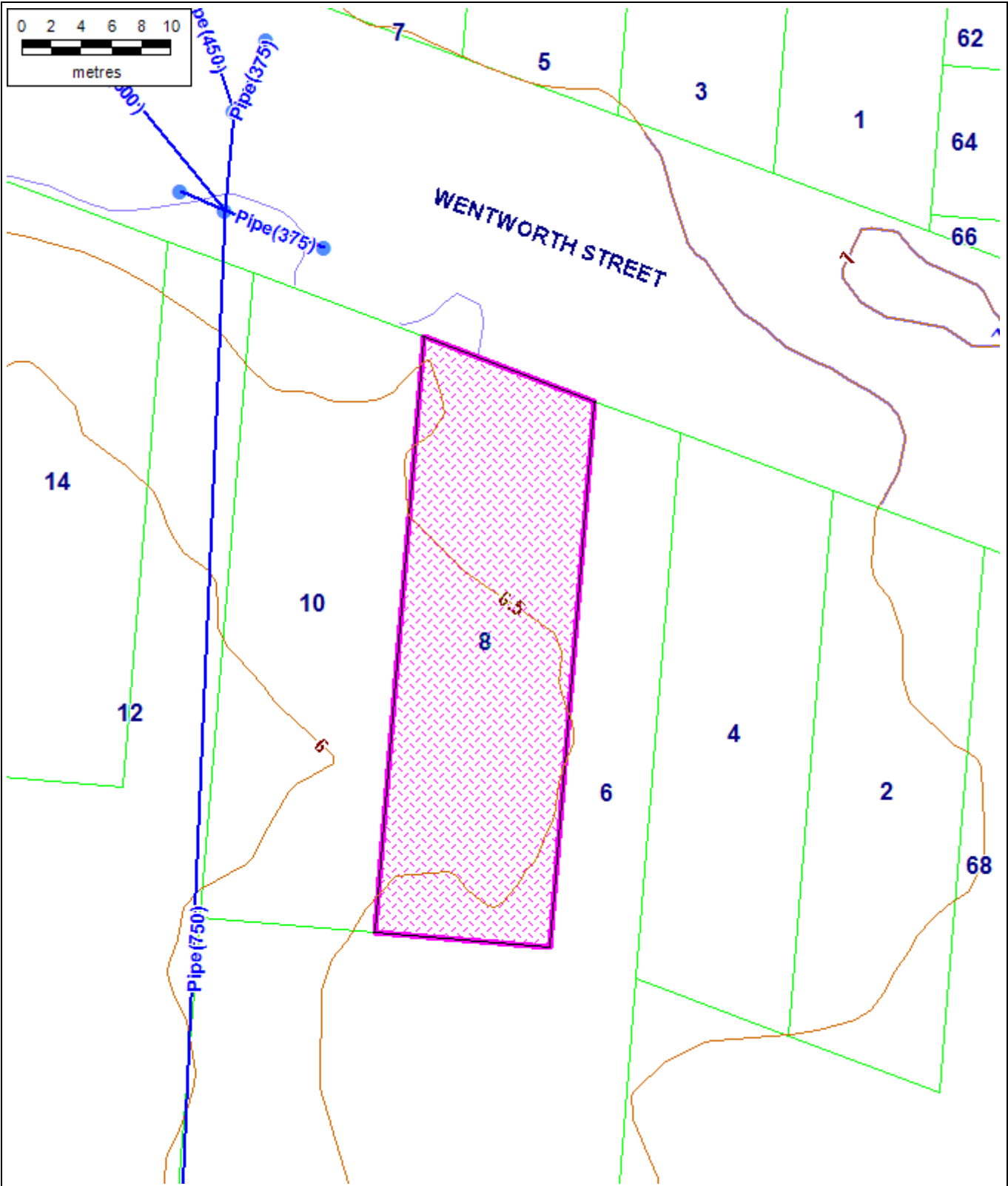
Probable Maximum Flood Map

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



Legend

	Suburb
	Sub Catchment 2016
	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_PMFEXTENT
	Aerial Photo 14052019
	Road Names
	Airport Internal Road
	Water Boundary
	Airport Taxiway



1:374.4
1 April 2022

8 Wentworth Street, Croydon Park

GIS Map

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Aerial Map

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