



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

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To: Kay Ahmed  
Suite 8  
695 The Horsley Drv  
SMITHFIELD NSW 2164

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### STORMWATER SYSTEM REPORT 26 Moorefields Road, KINGSGROVE NSW 2208

Date: 28-Sep-2021  
Ref: WP-SIA-1951/2021  
Development type: Villa/Townhouse

NO

FLOOD/OVERLAND FLOW STUDY REQUIRED

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

- Overland flowpath for excess stormwater runoff from the upstream catchment to the 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 Extent Map from Cooks River overland Catchment Study**" showing the flood contours to mAHD\*\*. 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 37.2mAHD\*\* (for front building).**

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 Part B12 Schedule 5, of Bankstown's Development Control Plan 2015 - 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. Refer Bankstown Council's *Development Engineering Standards*\*\*\*.**

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

Runoff on the site, and naturally draining to it 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. Council may choose to vary some report requirements following evaluation of detailed plans when they are submitted.**

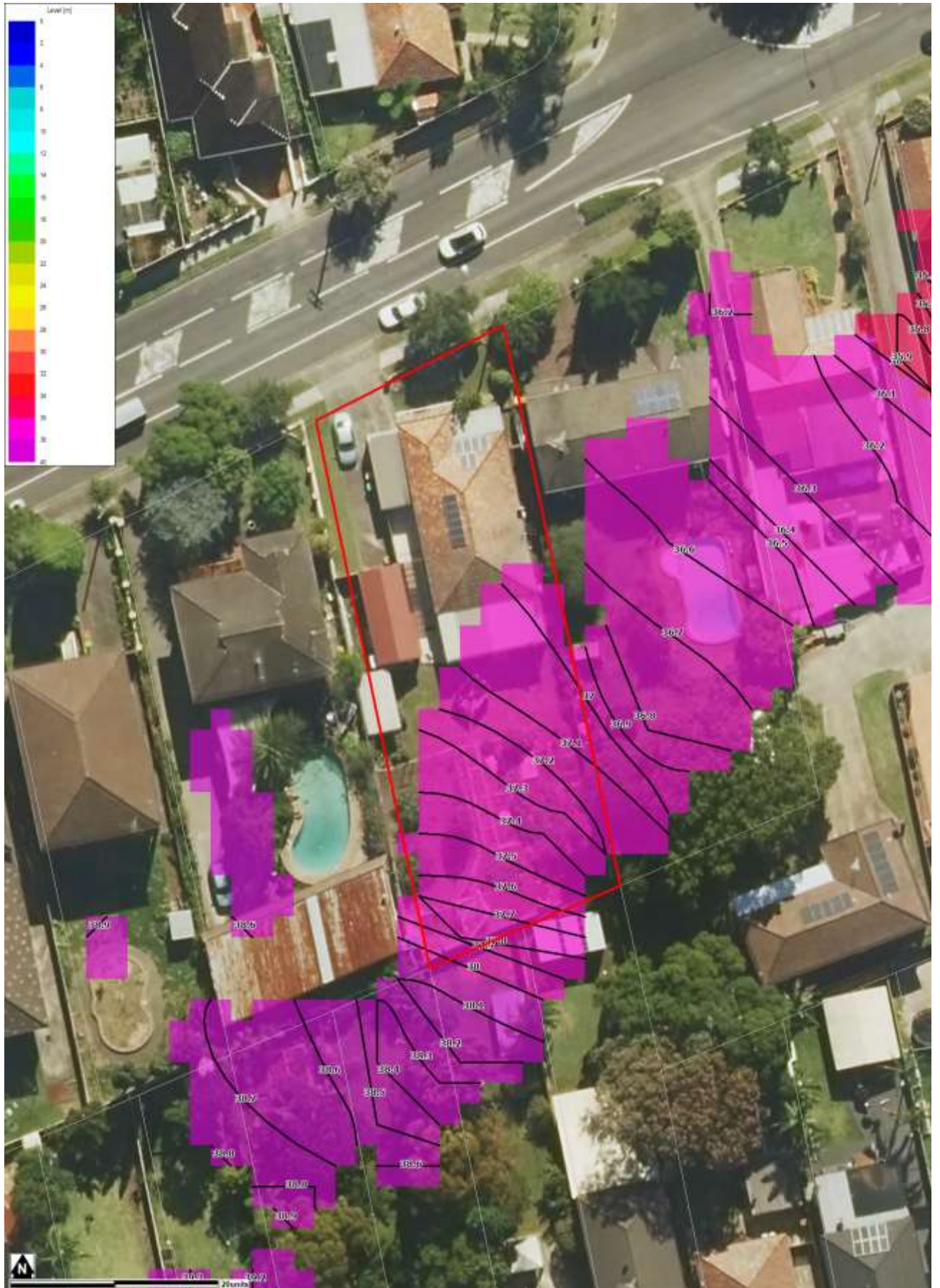
This report relates to the exposure of the subject site to Council's stormwater system, both underground and overland. It does not assess the suitability or otherwise of this site for the proposed development.

\* Average Recurrence Interval

\*\* Australian Height Datum

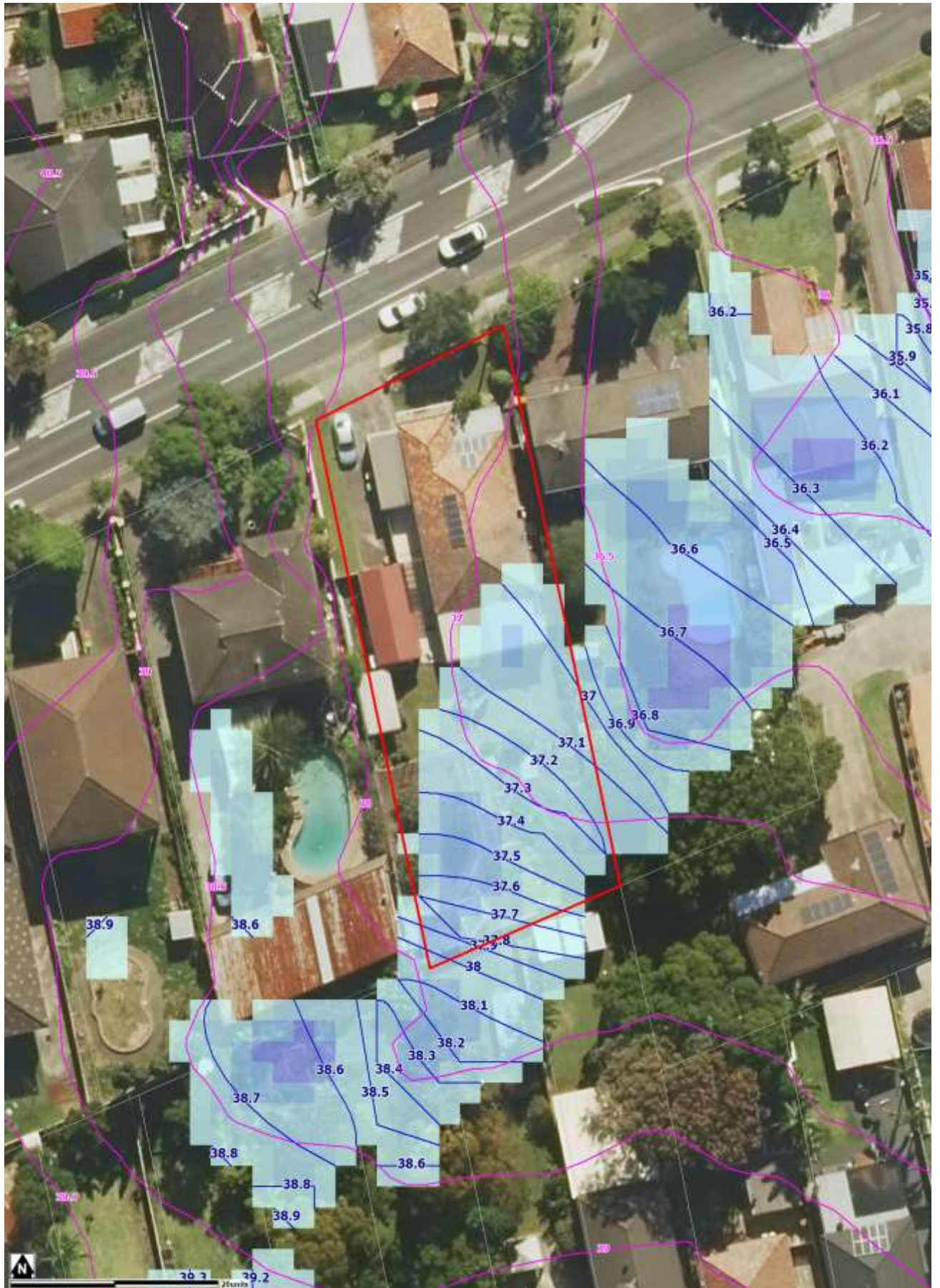
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**Pushpa Goonetilleke**  
**ENGINEER**


















**100yr ARI Flood Extent with Flood Contours to m AHD\*\***

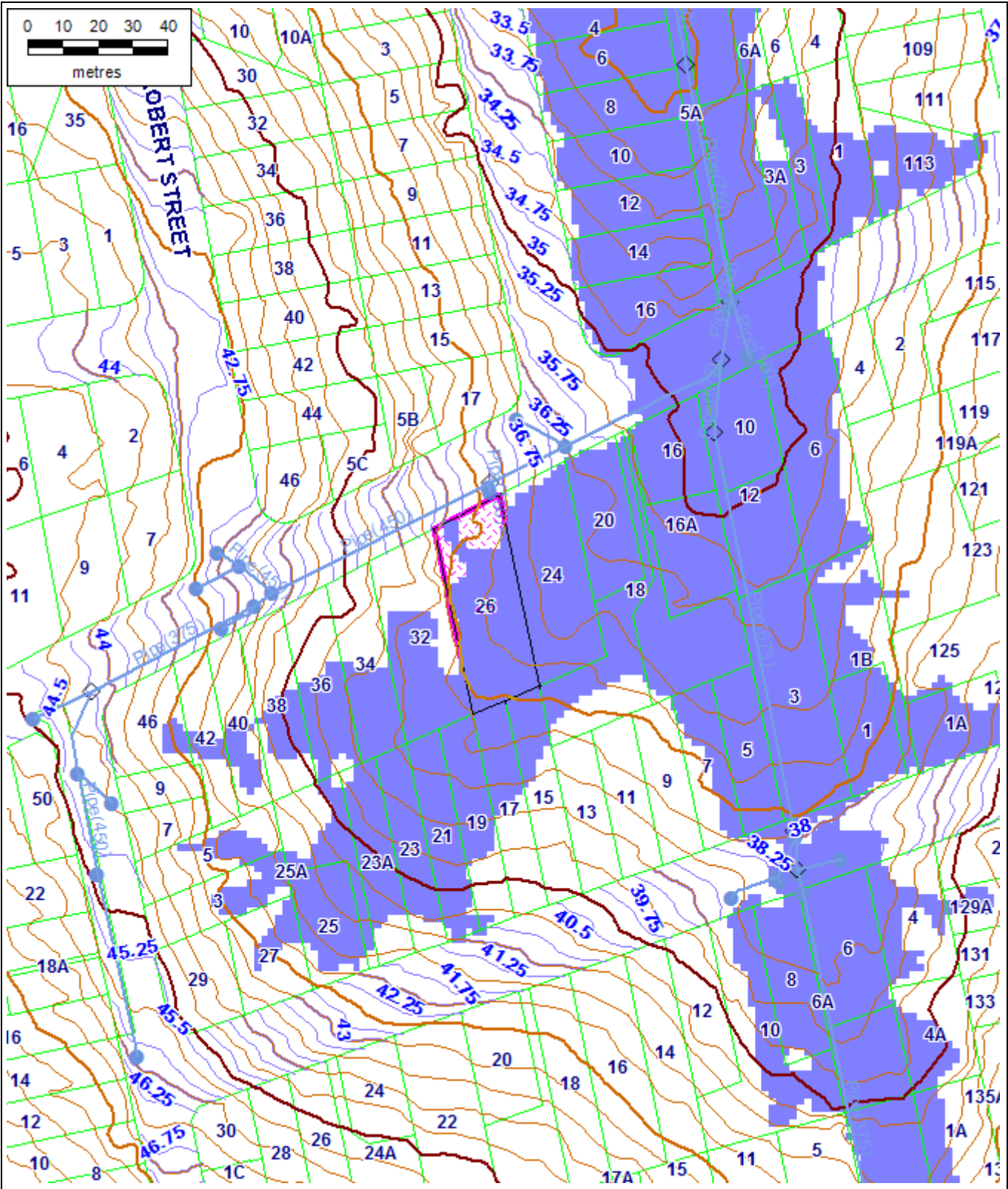




100yr ARI Flood Depth with Flood Contours to m AHD\*\*

### Maximum Depth (m)

	0.1 to 0.2
	0.2 to 0.3
	0.3 to 0.4
	0.4 to 0.5
	0.5 to 0.6
	0.6 to 0.7
	0.7 to 0.8
	0.8 to 0.9
	0.9 to 1
	1 to 1.25
	1.25 to 1.5
	1.5 to 2
	2 to 3
	3 to 4
	4 to 5



1:1,590

28 September 2021

### 26 Moorefields Road, Kingsgrove























*Probable Maximum Flood (PMF) Map*

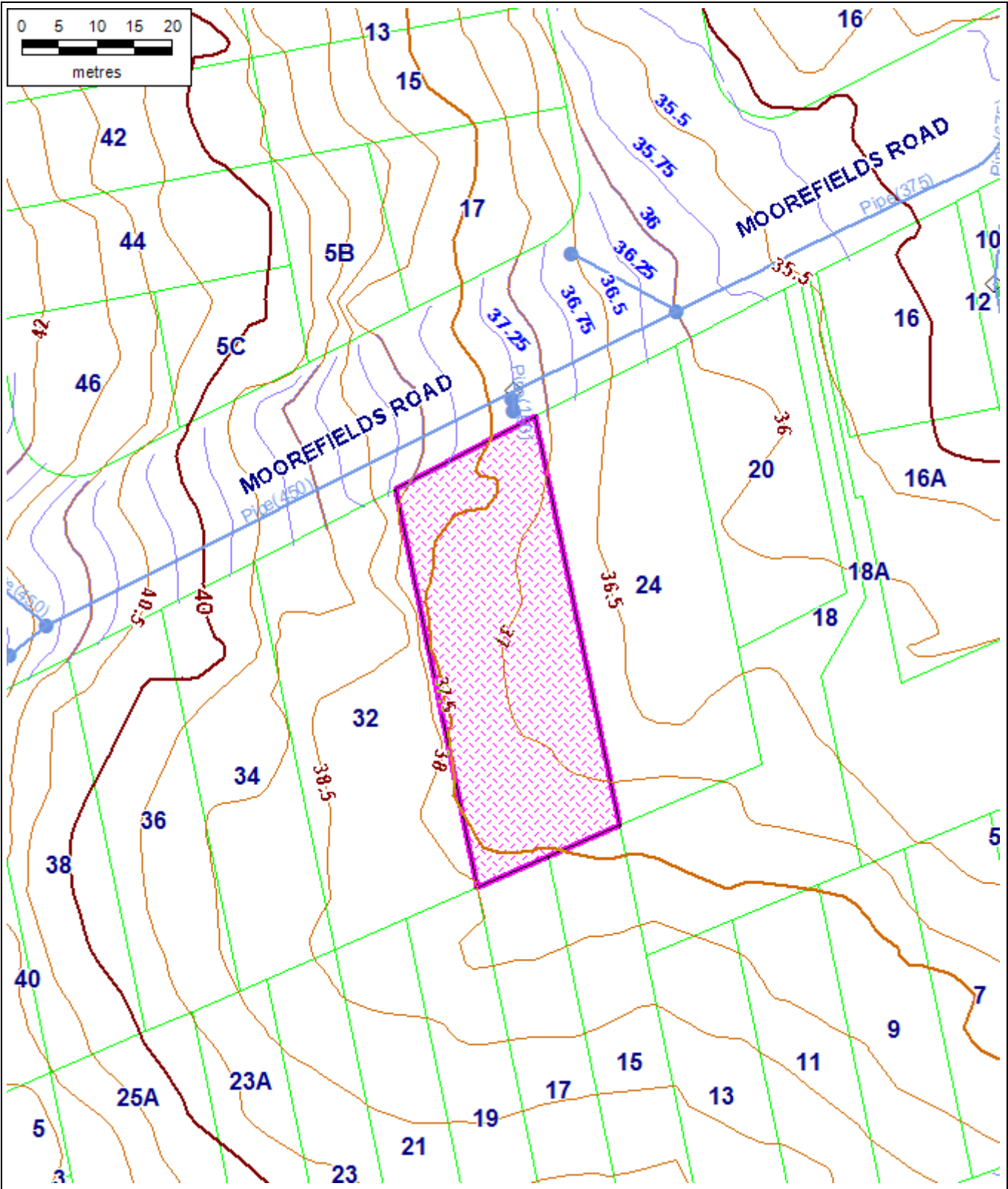
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# Legend

	Suburb
	Drainage Conduits
	Drainage Devices
	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 PMF EXTENT
	Road Names
	Airport Internal Road
	Water Boundary
	Railway
	Airport Taxiway



1:741.5  
28 September 2021

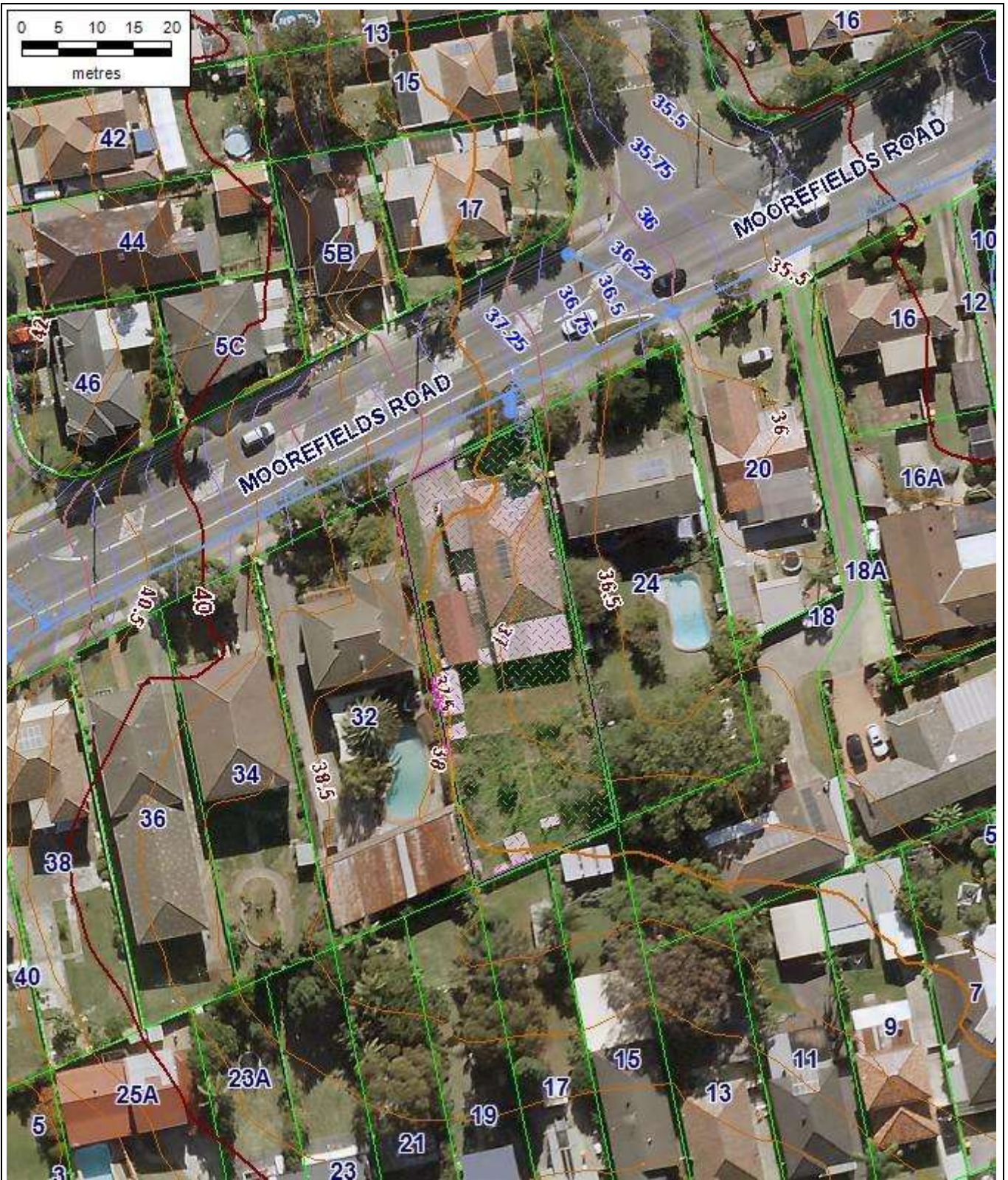
**26 Moorefields Road, Kingsgrove**

*GIS Map*

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1:741.5

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## 26 Moorefields Road, Kingsgrove

*Aerial Map*

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