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## CITY OF CANTERBURY BANKSTOWN

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To: Taleb Hijazi  
2 Meager Ave  
PADSTOW NSW 2211

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### STORMWATER SYSTEM REPORT 2 Meager Avenue, PADSTOW NSW 2211

Date: 22-Mar-2022  
Ref: WP-SIA-579/2022  
Development type: Dual Occupancy

NO
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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 north west of the site.
- 100 year water surface levels in Milperra Drain controlling site discharges.

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, Depth & Velocity depth Products Maps from Padstow 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 2.5 m AHD\*\*.**

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 3 & 5, of Bankstown's Development Control Plan 2015 - Catchments Affected by Stormwater Flooding & Georges River 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*\*\*\*.**

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*\*\*\*.

The site is affected by 100 year ARI\* Georges River / Kelso Levee flood levels.  
**The 100 year ARI\* flood level at the site is 2.5m AHD\*\*.**

**Habitable floor levels are to be at least 500mm above this level at RL 3 AHD\*\*.**

The site is affected by the probable maximum flood from the Georges River; the level of inundation is RL 5.8.m AHD\*\*.

The Probable Maximum Flood is the largest flood that could occur. It is derived from the maximum amount of atmospheric moisture that can occur in the locality. The 100 year flood is a very large flood. It is derived from a statistical analysis of rainfall records to give a 1 in 100 (ie 1%) chance of occurring, or being exceeded, in any one year. The last 100 year Georges River flood was in 1889.

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.

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\* Average Recurrence Interval

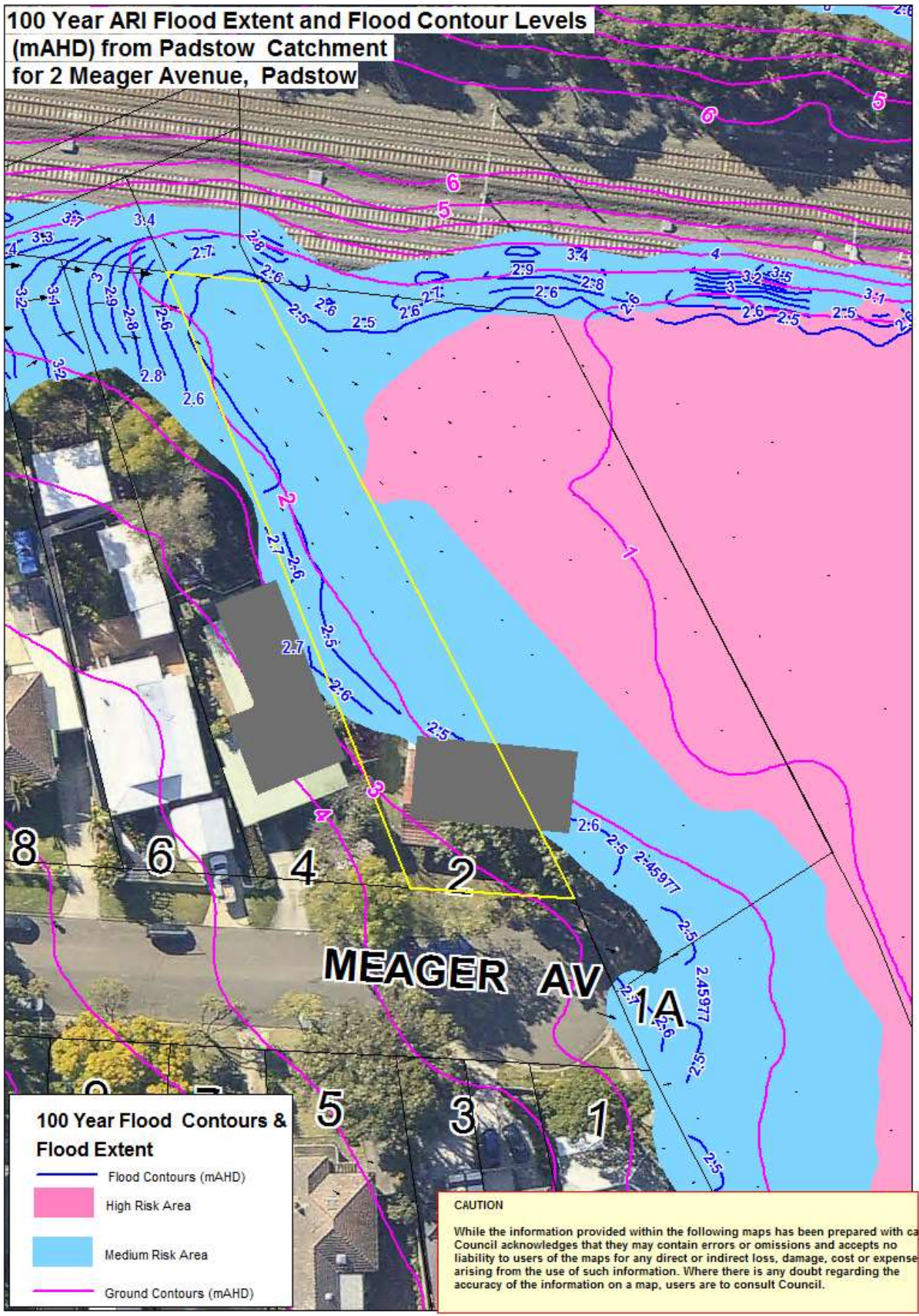
\*\* Australian Height Datum

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

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**Pushpa Goonetilleke**  
**ENGINEER**

**100 Year ARI Flood Extent and Flood Contour Levels (mAHD) from Padstow Catchment for 2 Meager Avenue, Padstow**



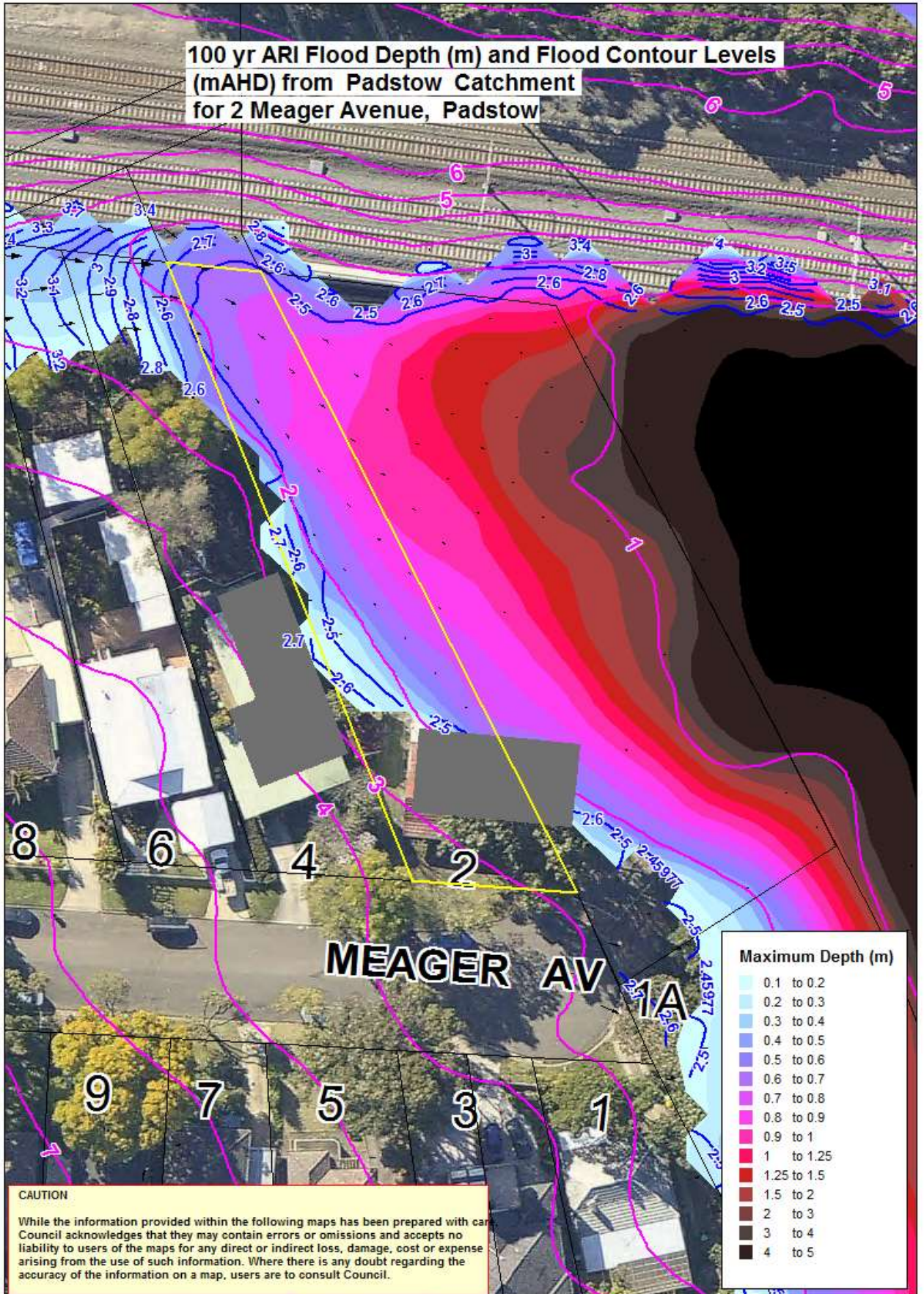
**100 Year Flood Contours & Flood Extent**

- Flood Contours (mAHD)
- High Risk Area
- Medium Risk Area
- Ground Contours (mAHD)

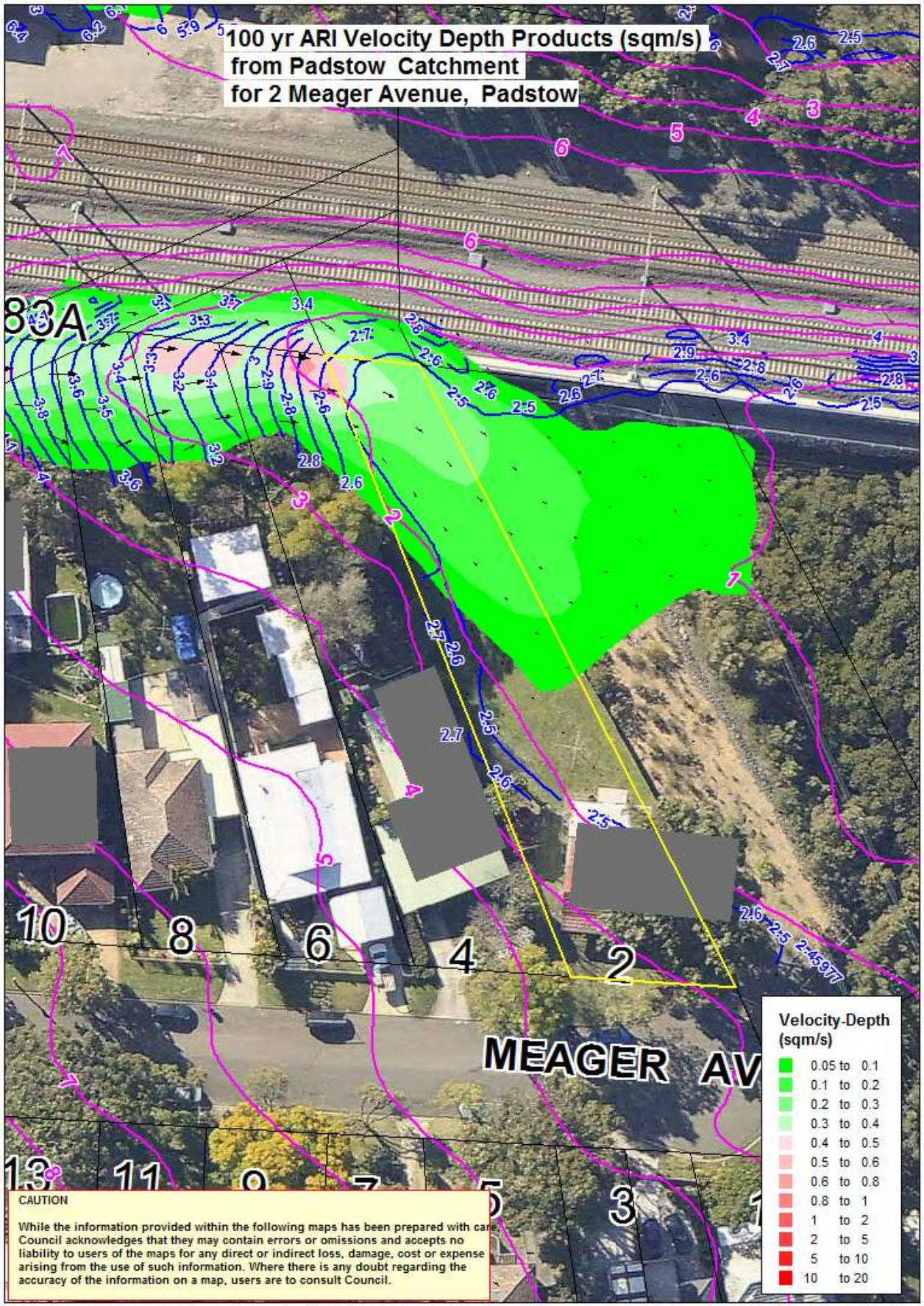
**CAUTION**

While the information provided within the following maps has been prepared with care, Council acknowledges that they may contain errors or omissions and accepts no liability to users of the maps for any direct or indirect loss, damage, cost or expense arising from the use of such information. Where there is any doubt regarding the accuracy of the information on a map, users are to consult Council.

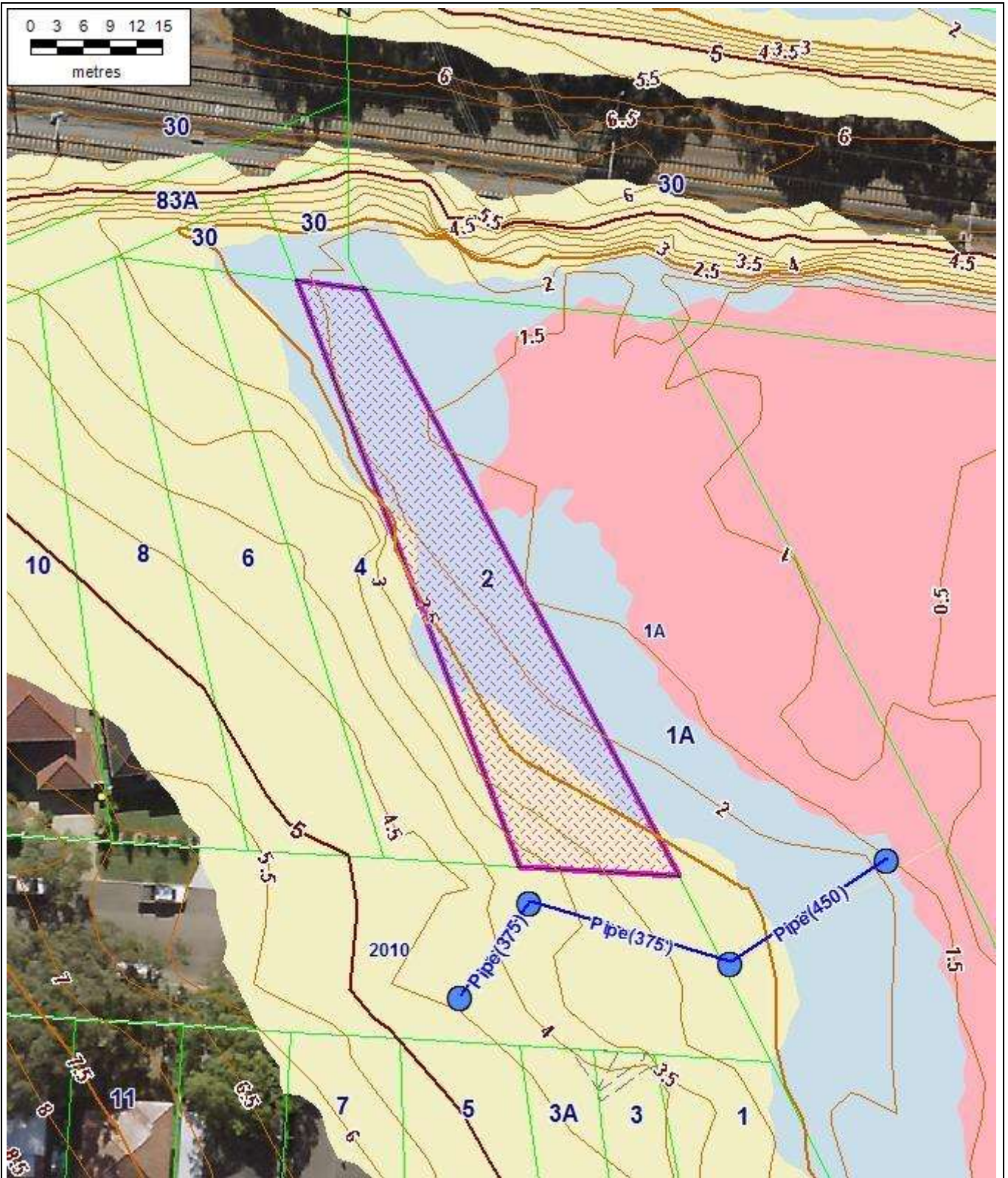
**100 yr ARI Flood Depth (m) and Flood Contour Levels (mAHD) from Padstow Catchment for 2 Meager Avenue, Padstow**



**100 yr ARI Velocity Depth Products (sqm/s)  
from Padstow Catchment  
for 2 Meager Avenue, Padstow**



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22 March 2022

























## 2 Meager Avenue, Pafdstow

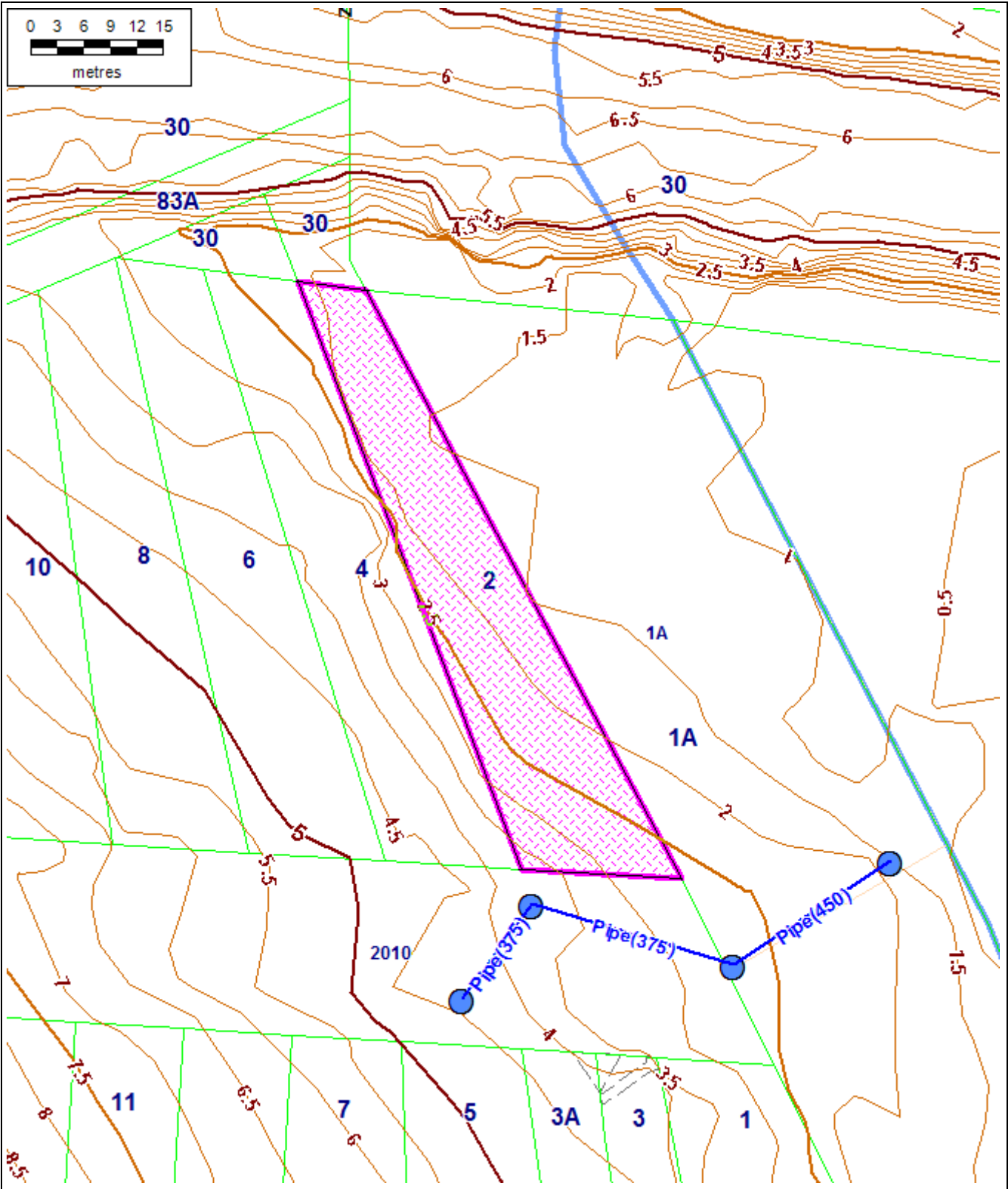
*Georges River Flood Extent Map*

**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
	Flood Riverine High Risk
	Flood Riverine Medium Risk
	Flood Riverine Low Risk
	Aerial Photo 14052019
	Road Names
	Airport Internal Road
	Water Boundary
	Airport Taxiway



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22 March 2022

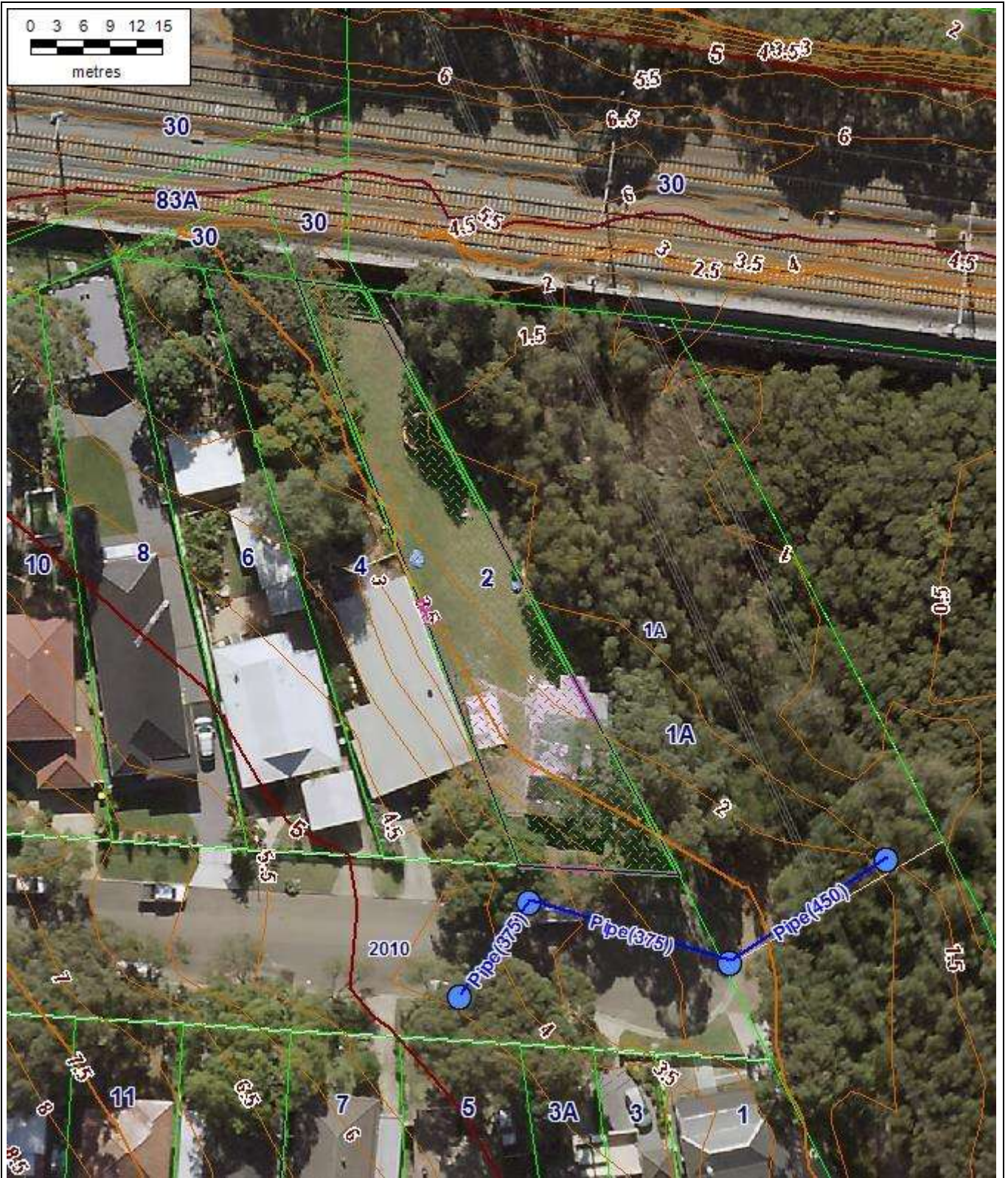
**2 Meager Avenue, Pafdstow**

GIS Map

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## 2 Meager Avenue, Pafdstow

*Aerial Map*

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