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CITY OF CANTERBURY BANKSTOWN

To: Raiya Kayrouz
87 Meeks Rd, MARRICKVILLE NSW 2204

STORMWATER SYSTEM REPORT

Property Address	11 Macquarie Road Earlwood 2206
Lot/Section/Deposited Plan	Lot 5 DP 20663
Date Prepared:	03/07/2024
Ref:	WP-SIAONL-1327/2024
Prepared By:	Pushpa Goonetilleke
Development Type:	Detached Dwelling (single house)

FLOOD STUDY REQUIRED

Consult with Duty Flood Engineer /Development Engineer
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This Stormwater System Report (SSR) provides flood and stormwater information about the property.

The information in this report should be reviewed by those who are knowledgeable in flooding or have a technical requirement to understand more about Council's building development controls (such as surveyors, builders, certifiers, architects and engineers).

Stormwater Infrastructure

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

- Pipe Type (diameter in mm): Pipe(1200) stormwater pipeline (according to Council records located within the site.
- **Refer the Canterbury Bankstown Development Engineering Standards (2023), required minimum easement width for existing stormwater pipeline at the site and development restrictions over the drainage easements.**

Property Levels

Description	Minimum (m AHD)	Maximum (m AHD)
Approximate Ground Level	4.20	7.00

Flooding Levels

Stormwater Catchment Flooding from Canterbury LGA Cooks River Catchment Overland Flow Study (Cardno, April 2016)

Flood Event	Minimum Level (m AHD)	Maximum Level (m AHD)
5% AEP (20 year ARI)	-	-
1% AEP (100 year ARI)	5.00	5.20
PMF (Probable Maximum Flood)	6.30	6.70

Terms and Definitions

Annual Exceedance Probability (AEP)	The probability of a flood event of a given size occurring in any one year, usually expressed as a percentage annual chance.
Average Recurrence Interval (ARI):	Similar to AEP. The long-term average number of years between the occurrence of a flood as big as (or larger than) the selected event.
metres above Australian Height Datum (m AHD)	The reference level for defining ground levels in Australia. The level of 0.0m AHD is approximately mean sea level.
Maximum and Minimum Ground Level –	Highest and lowest ground levels on the property based on available ground level information. A Registered Surveyor can confirm exact ground levels.
Probable Maximum Flood	An extreme flood deemed to be the largest flood that could conceivably occur at a specific location The PMF defines the extent of flood prone land (i.e. the floodplain).

Further Information

For further information on flood-related development controls which may be applicable to this property, refer to the following guidelines:

- Canterbury Bankstown Development Control Plan (2023, chapter 2.2 Flood risk Management)
- Canterbury Bankstown Development Engineering Standards (2023)
- Council Standard Drawings.

Disclaimer

The information contained in this document is not endorsed by the Council as without error, omission or mis-description. Council accordingly expressly disclaims all and any liability and responsibility in respect of loss, damage or injury to person or property arising from anything done or omitted to be done by any person in reliance, whether wholly or in part, upon any part of this information.

Any person having regard to the information contained in this document is encouraged to seek, at their discretion, all other sources of information on the subject matter as they consider appropriate, which may include local knowledge and/or professional advice.

ATTACHMENTS

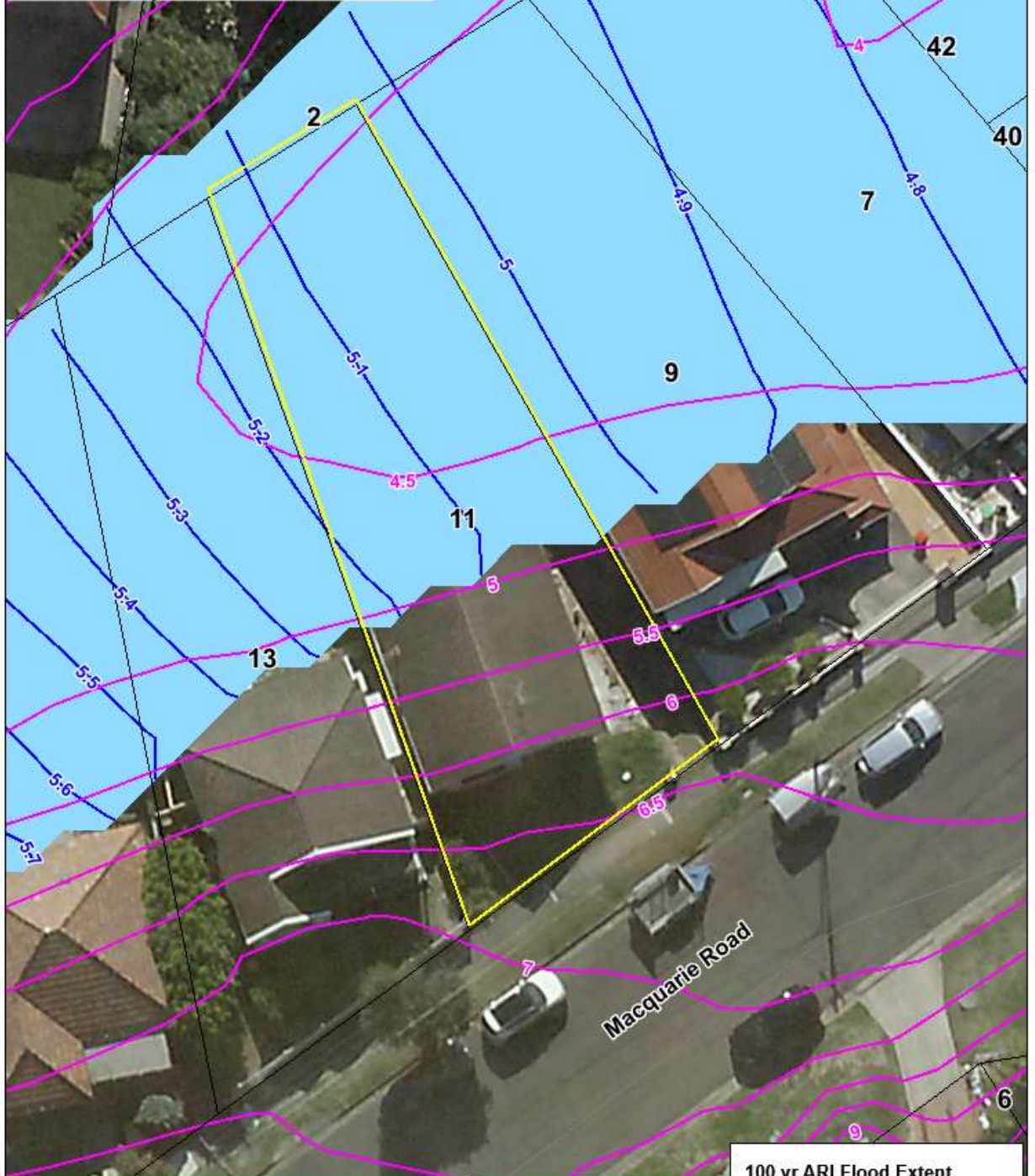
For 1% AEP (100 year ARI)

1. Flood Extent & Flood Contours Map
2. Flood Depth Map
3. Velocity Depth Product Map

For PMF

4. Flood Contours & Flood extent Map
5. GIS Map (from Council's Data)
6. Aerial Map (from Council 's Data)

**100 year ARI (1% AEP) Extent and Contour Levels (mAHD)
from Cooks River Overland Flow Flood Study
for 11 Macquarie Road, Earlowood**

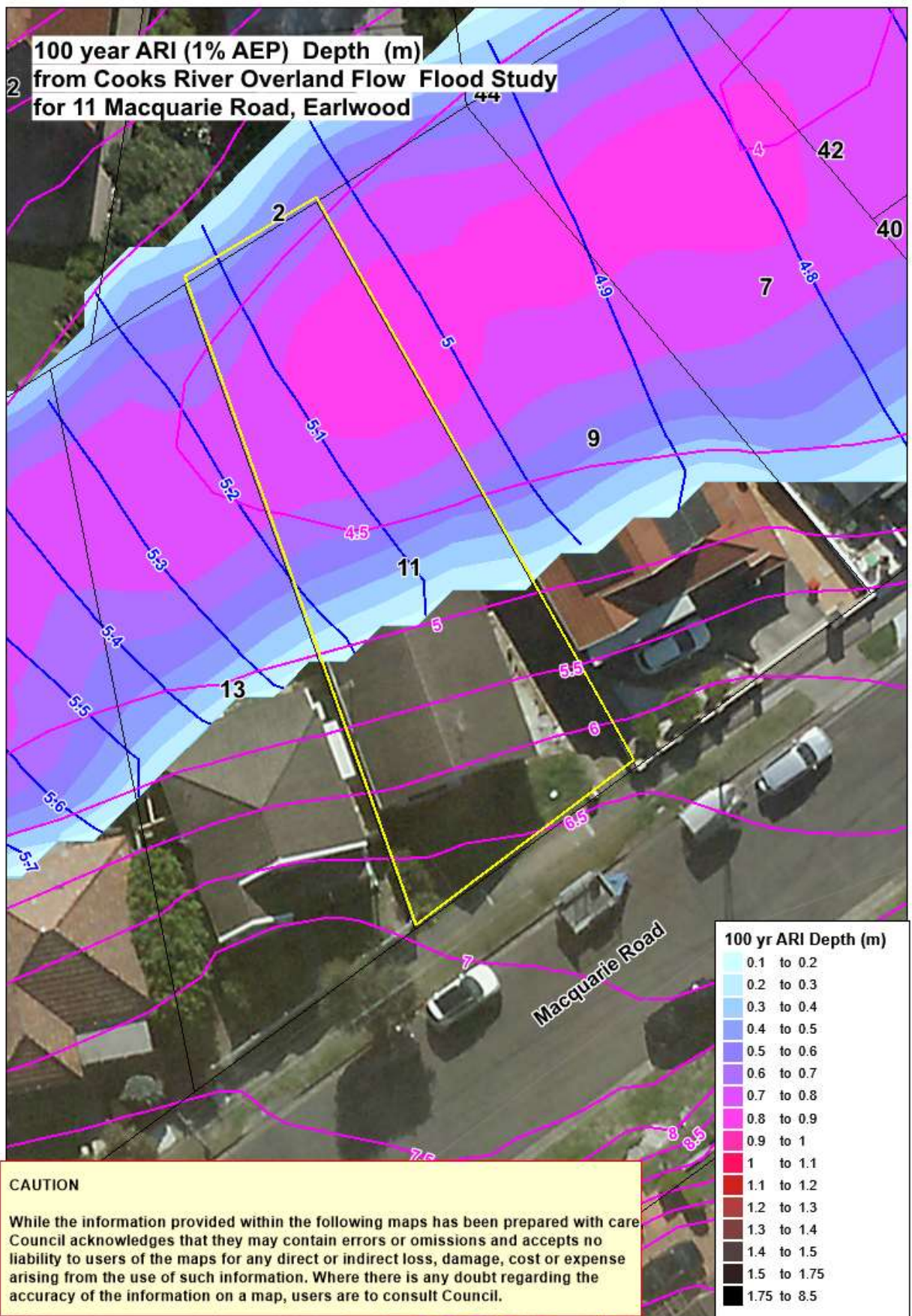


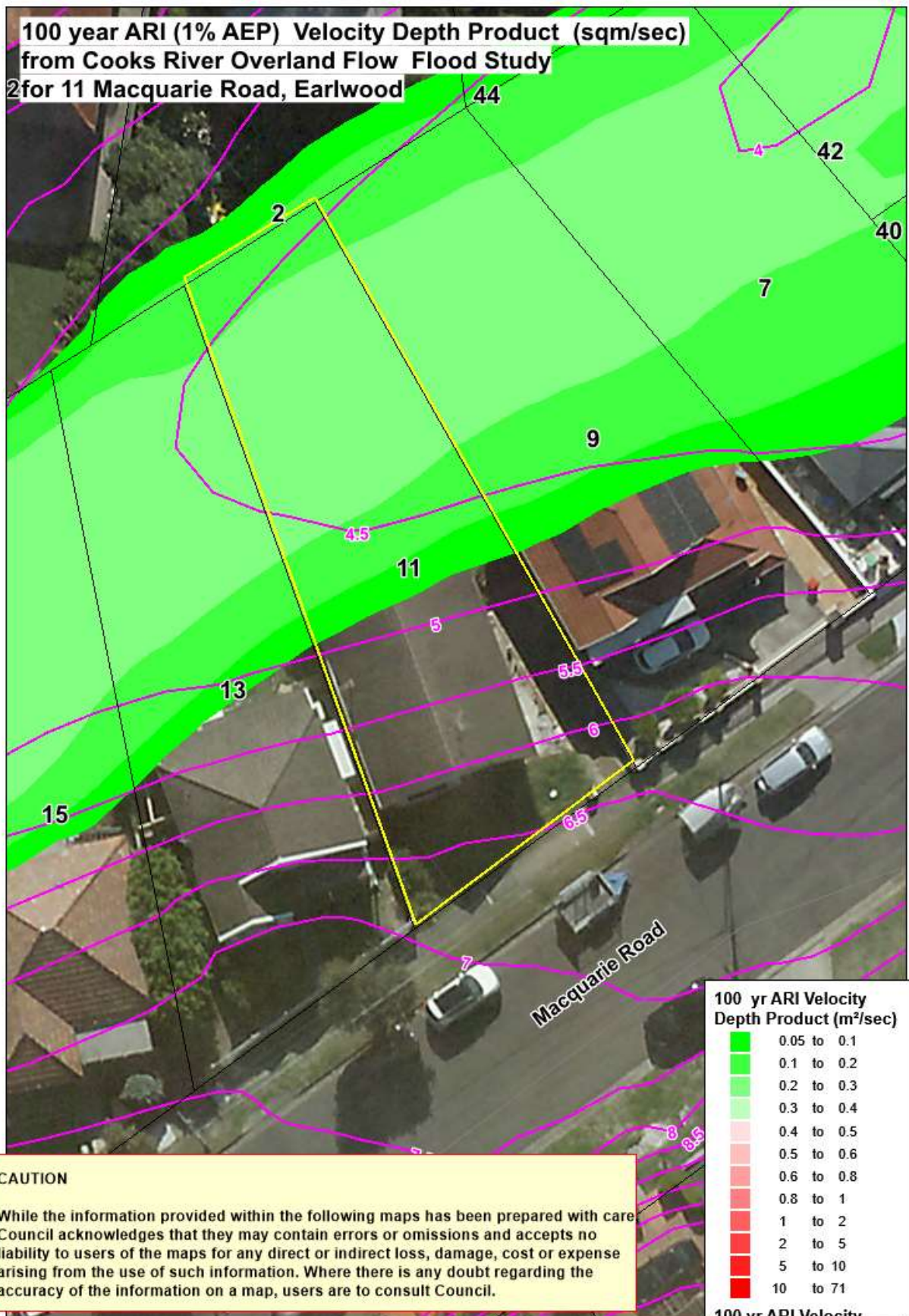
CAUTION

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.

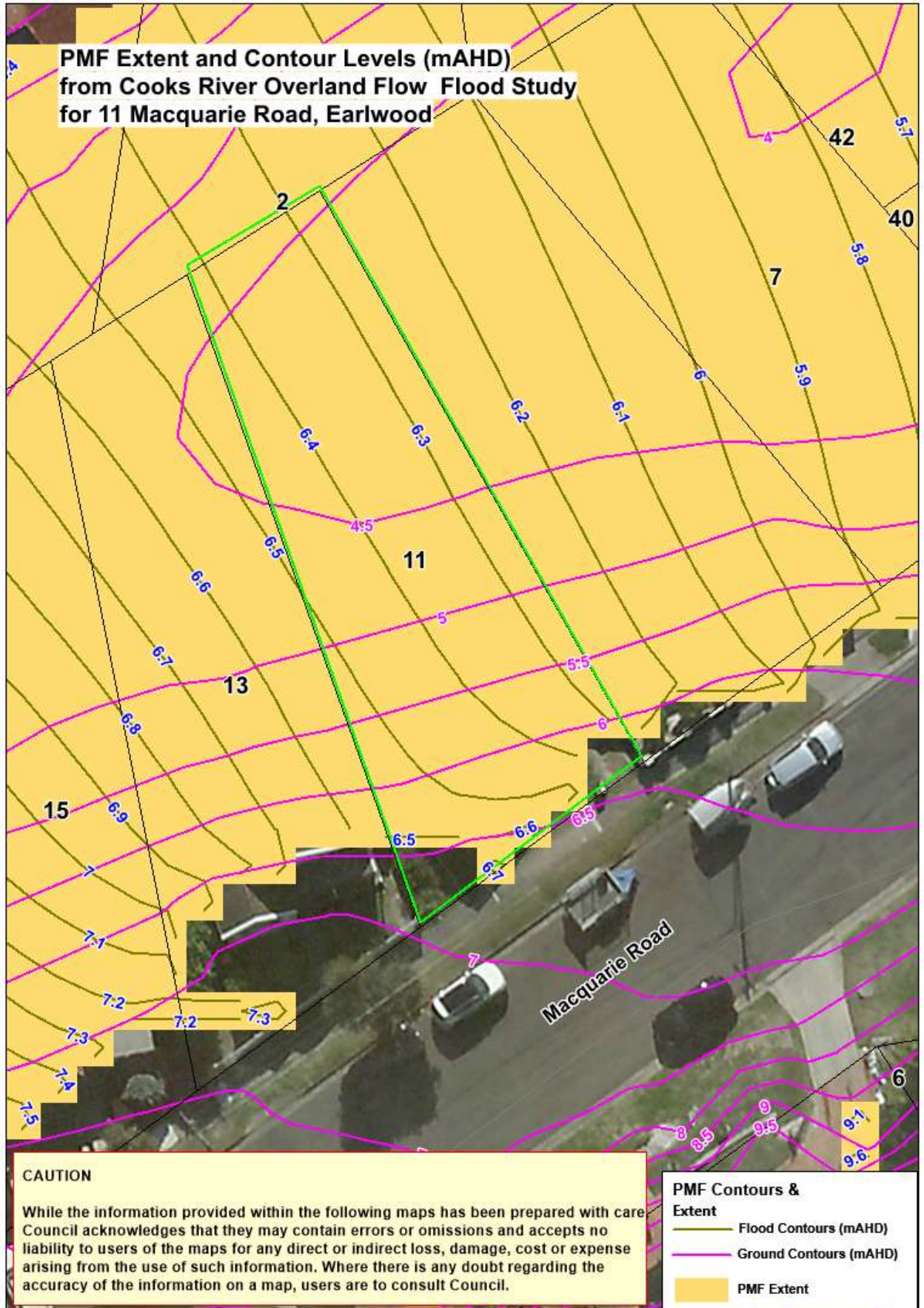
**100 yr ARI Flood Extent
& Contours**

- Flood Extent
- Flood Contours (m AHD)
- Ground Contours (mAHD)

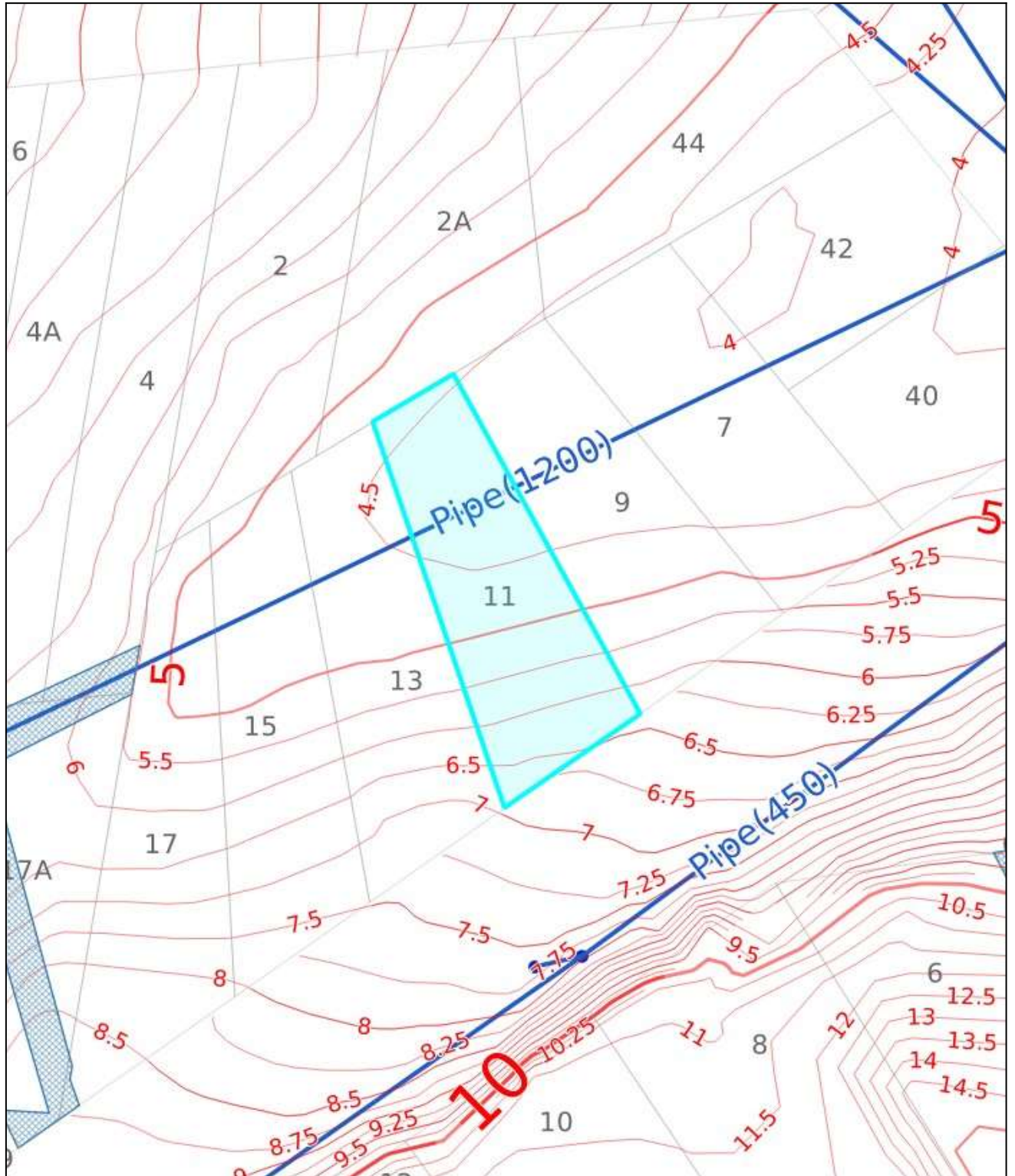




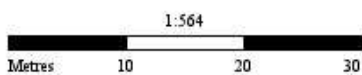
**PMF Extent and Contour Levels (mAHD)
from Cooks River Overland Flow Flood Study
for 11 Macquarie Road, Earlwood**



GIS Map for 11 Macquarie Road, Earlwood



DATE: Jul 4, 2024, 2:38 PM



PREPARED BY: ushpa G

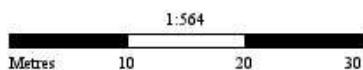
Whilst all care has been taken in the preparation of this base map, Council accepts no responsibility for the accuracy of any information shown. Users should rely on their own enquiries in order to validate information shown on this map. This information is for graphical presentation only.



Aerial Map for 11 Macquarie Road, Earlwood



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PREPARED BY: Rushpa G

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LEGEND

-  Canterbury Bankstown LGA
-  Surrounding LGA's

Jetty

-  Jetty


Parcel Frontage

-  Parcel Frontage

Parcel Boundary

-  Parcel Boundary


Parcel Easements (Line)

-  Parcel Easements (Line)


Parcel Easements (Polygon)

-  Parcel Easements (Polygon)


Contours (Major 10m)

-  Contours (Major 10m)


Contours (Intermediate 5m)

-  Contours (Intermediate 5m)

Contours (Minor <5m)

-  Contours (Minor <5m)

Drains

-  Drains

Pits

-  Pits

