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CITY OF CANTERBURY BANKSTOWN

To: Joel Sokkar
1/106-108 Elouera Crs
CRONULLA NSW 2230

STORMWATER SYSTEM REPORT 3 Dunkeld Avenue, HURLSTONE PARK NSW 2193

Date: 21-Oct-2022
Ref: WP-SIA-2505/2022
Development type: Detached Dwelling (single house)

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 north & 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 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.

The estimated 100 year ARI* flood level at the site is RL 26.6 m AHD.**

For this development, a flood /overland flow study to determine the 100 year ARI* water surface level is not necessary.

The proposed development including floor levels, shall comply with the development controls specified in Part B, Section B5 of former Canterbury Council's Development Control Plan 2012- Catchments Affected by Stormwater Flooding.

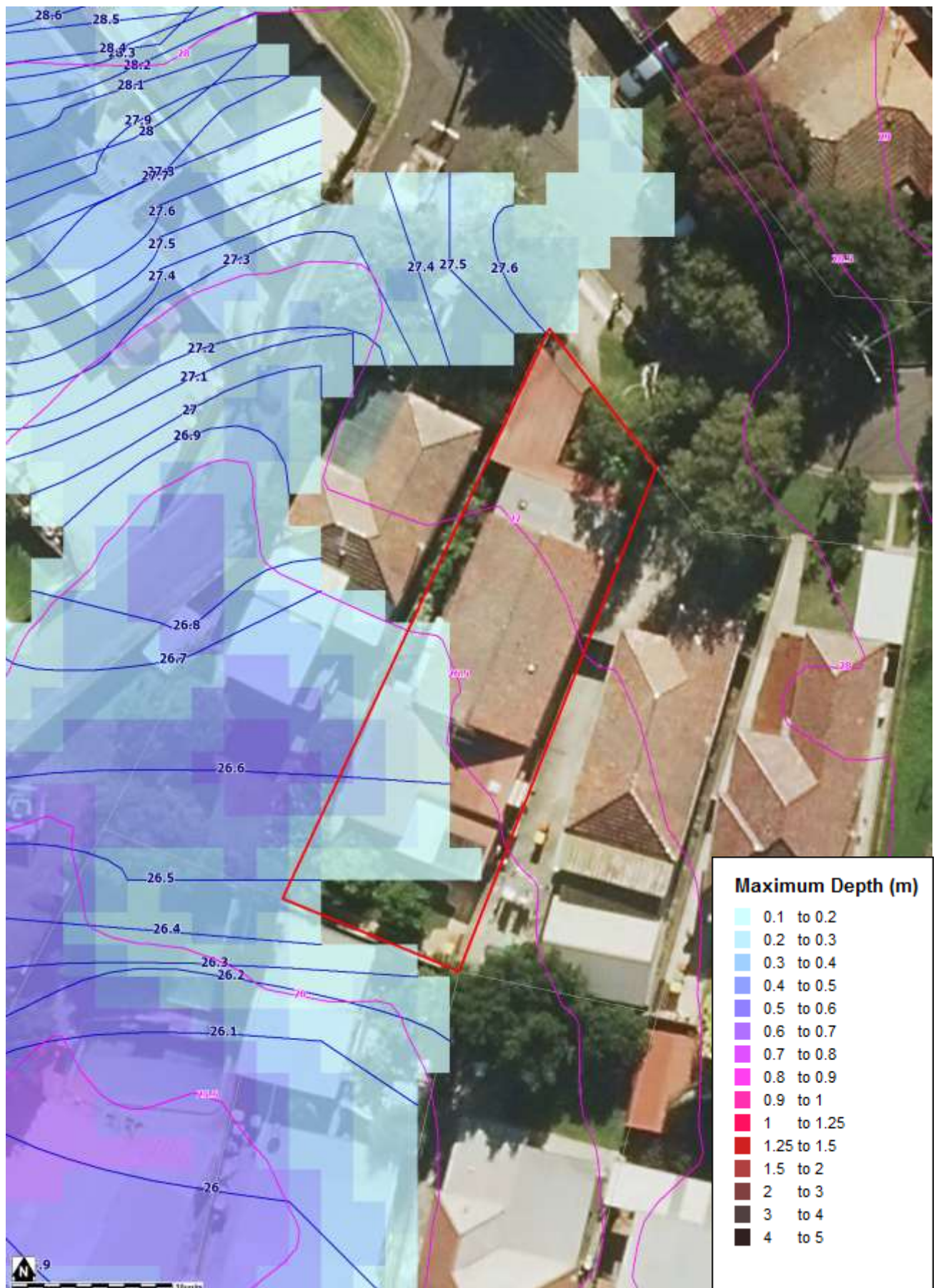
The Development Application submission shall be based on an AHD datum for levels where sites are affected by overland flow / flooding. Refer Part B, Section B5 of former Canterbury Council's Development Control Plan 2012

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

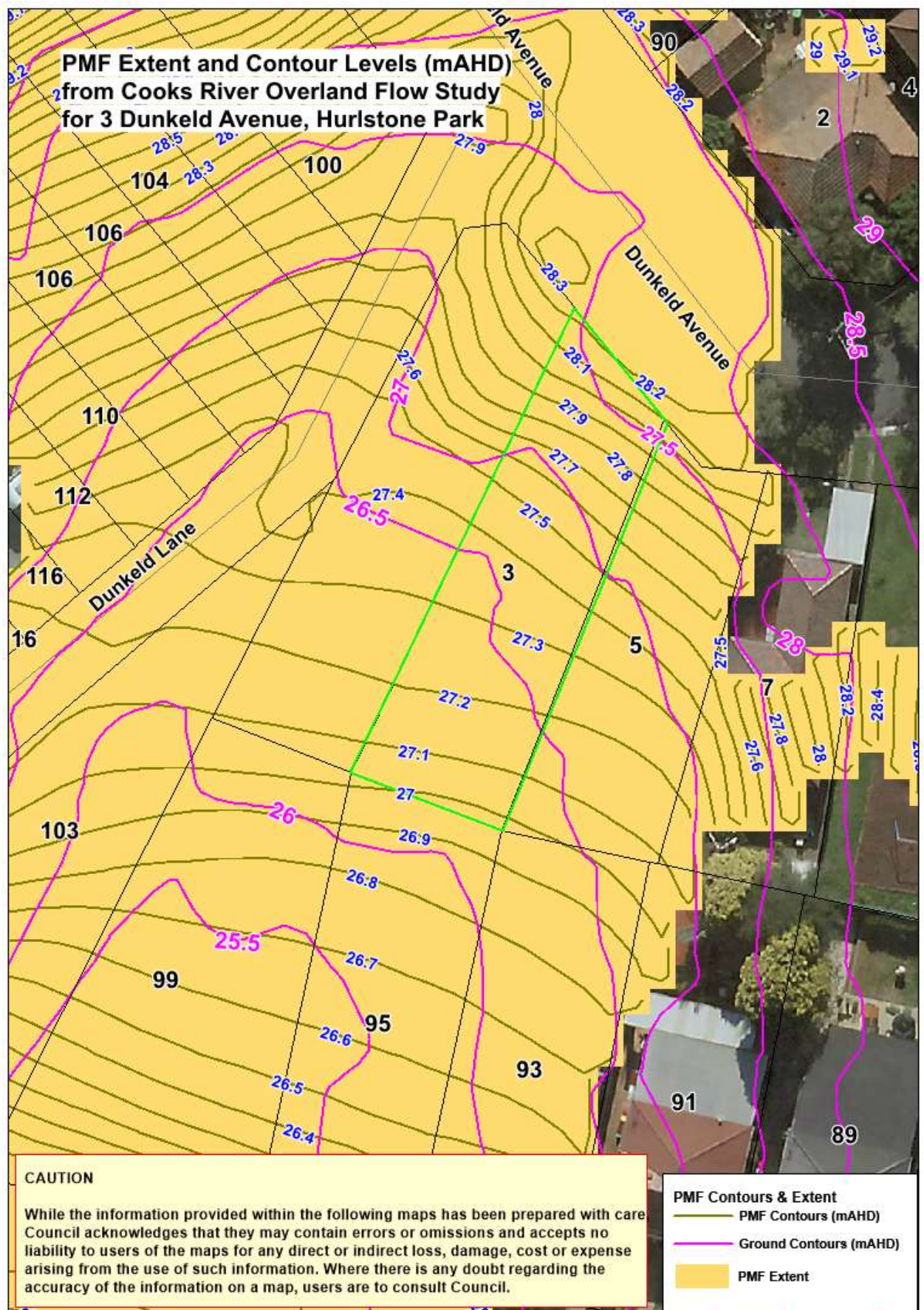
Runoff on the site, and naturally draining to it is to be collected and disposed of to Council's requirements detailed in **Part B, Section B5 of former Canterbury Council's Development Control Plan 2012.**

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.

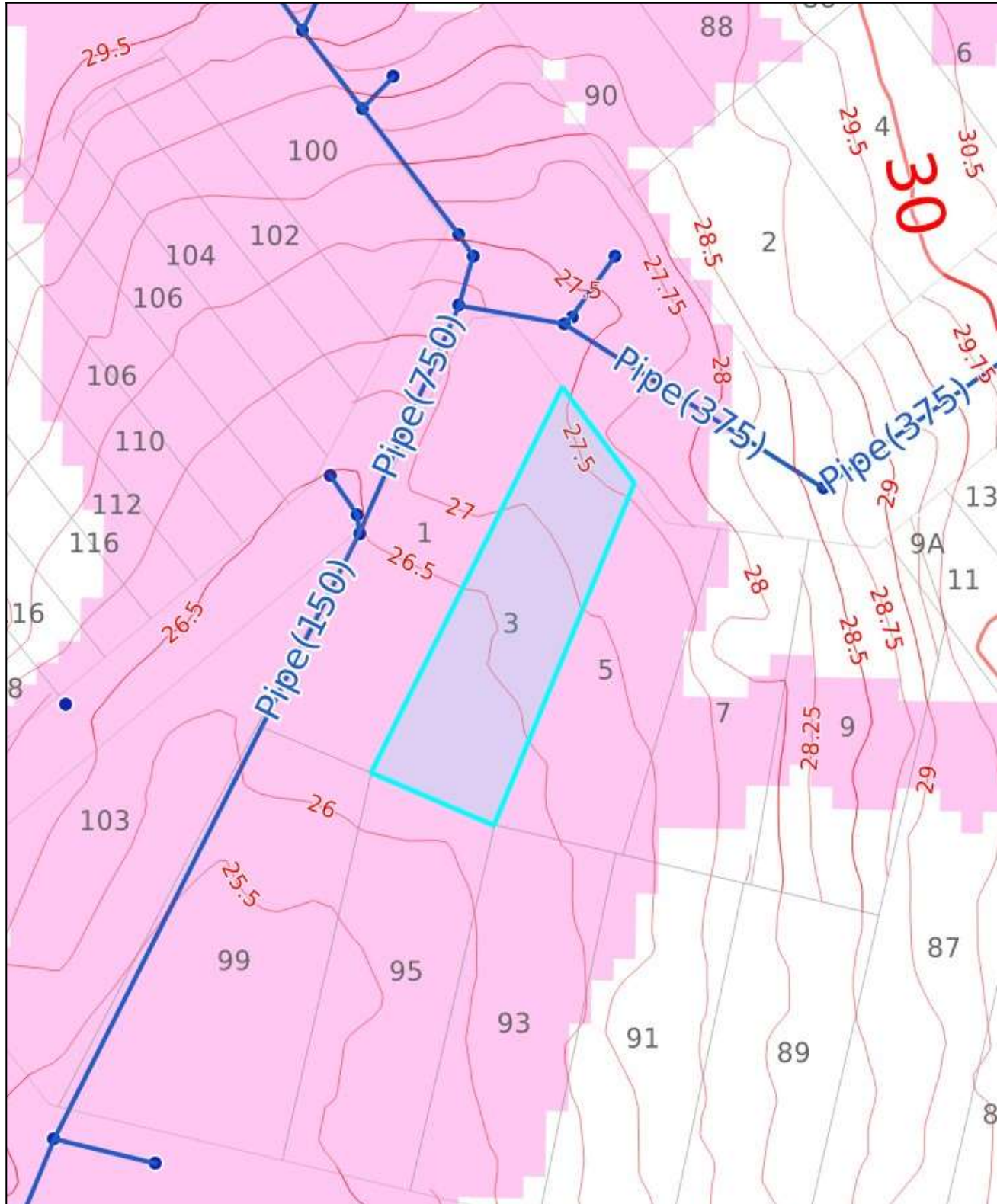
Pushpa Goonetilleke
ENGINEER



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

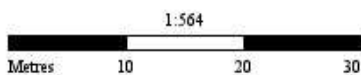


PMF Extent Map for 3 Dunkeld Avenue, Hurlstone Park



DATE: Oct 21, 2022, 12:38 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.



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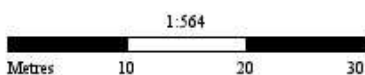
Aerial Map for 3 Dunkeld Avenue, Hurlstone Park



DATE: Oct 21, 2022, 1:06 PM

PREPARED BY: Pushpa G

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LEGEND

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

Sydney Water Stormwater Channels



Sydney Water Stormwater C

PMF (River and Stormwater)



PMF (River and Stormwater)

