



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

To: Tyler Karvinen
27 Belgrave St
MANLY NSW 2095

STORMWATER SYSTEM REPORT With Modelling Data 427 Burwood Road, BELMORE NSW 2192

Date: 13-May-2022
Ref: WP-SIA-921/2022
Development type: Commercial

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

- 1050mm diameter stormwater pipeline & 1200 x 2400 (according to Council) records located along the site boundary within & adjacent to the site.
- Overland flowpath for excess stormwater runoff from the upstream catchment and associated with this drainage system.
- Stormwater inundation from excess stormwater runoff from the upstream catchment and associated with the drainage system through Burwood Road.

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**". 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 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.

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

Flow Details (Pipe & Overland Flows)

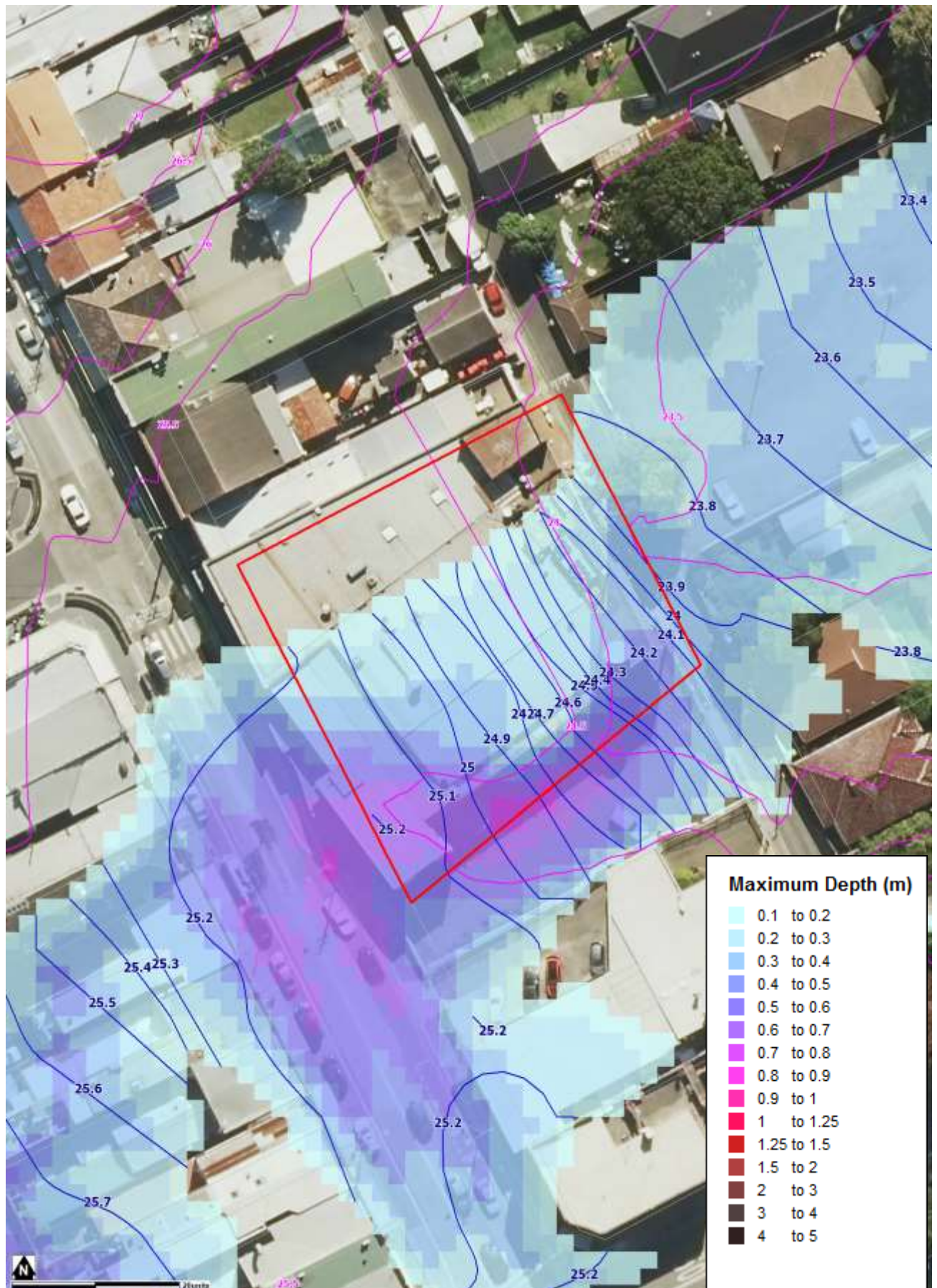
Flow Line --- 595 (Refer the attached Flow Lines Located Map)

Storm Event Flow Type	20 year ARI* Flow Rate m³/sec	100 year ARI* Flow Rate m³/sec
1 D - (pipe)	4.61	5.72
2D - Overland flow (OLF)	0.39	5.11
Total Flow	5.00	10.83

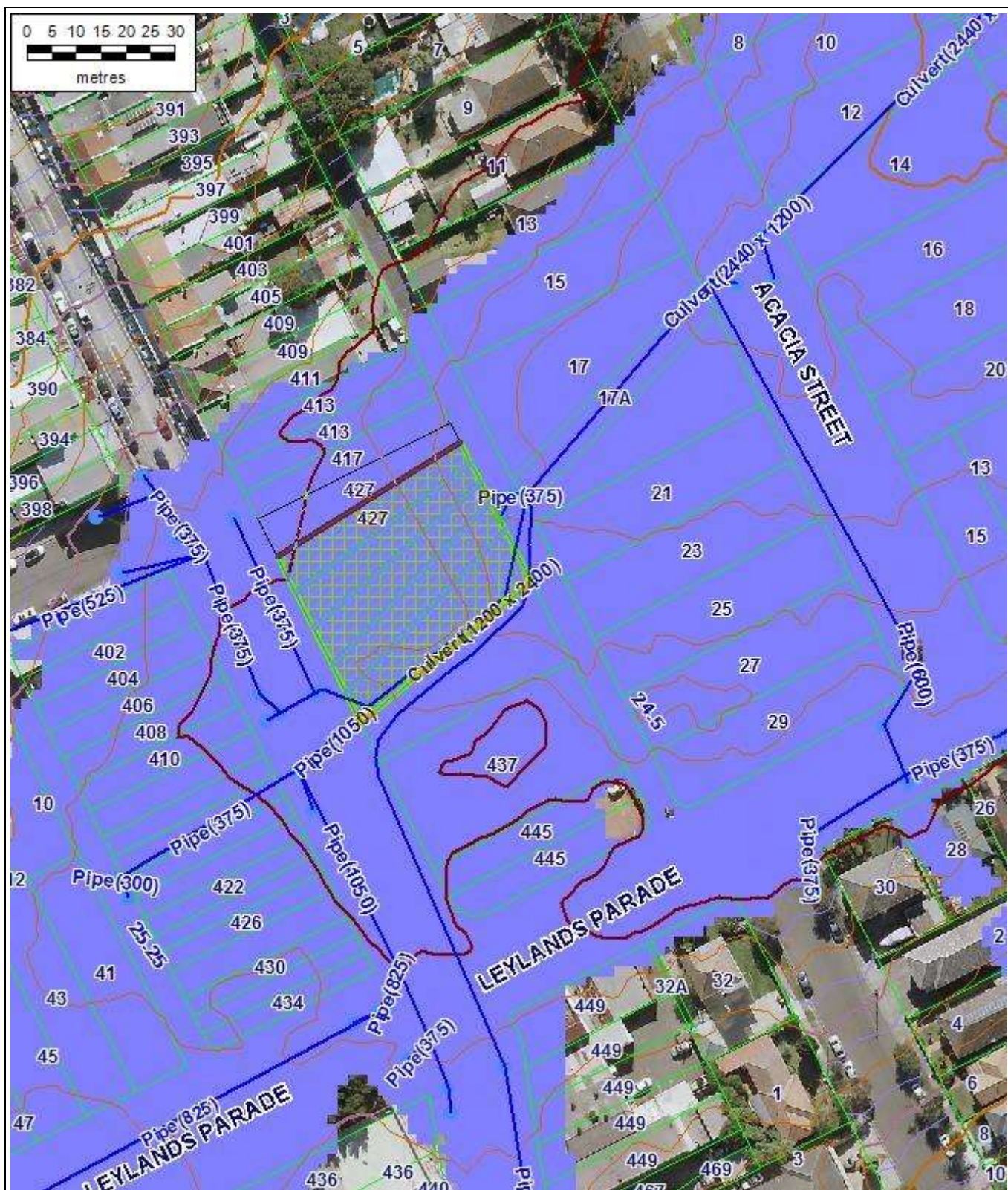
* Average Recurrence Interval

** Australian Height Datum

Pushpa Goonetilleke
ENGINEER



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



1:1,136
13 May 2022
























427 Burwood Road, Belmore

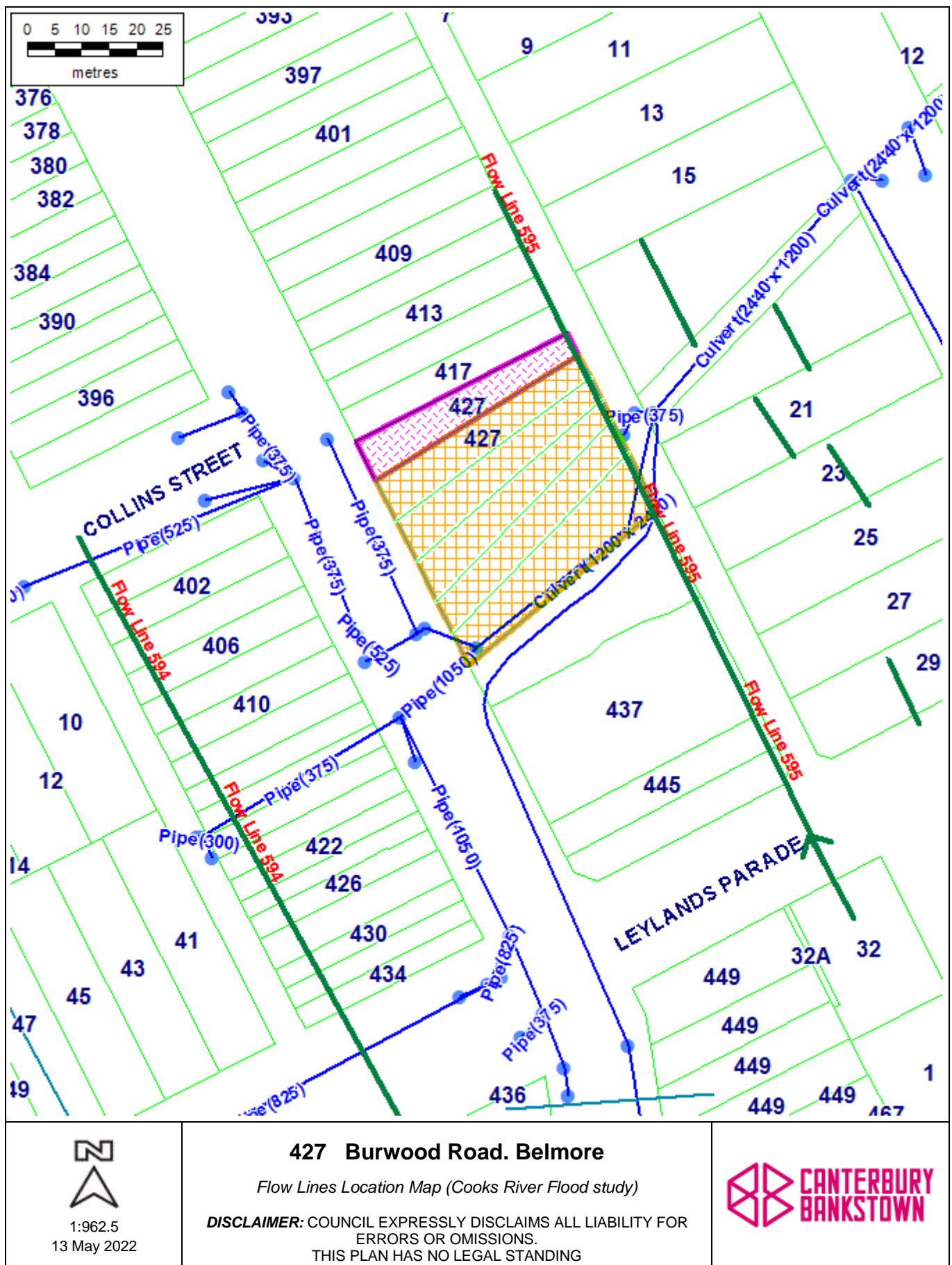
Probable Maximum Flood Extent Map

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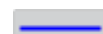



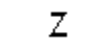









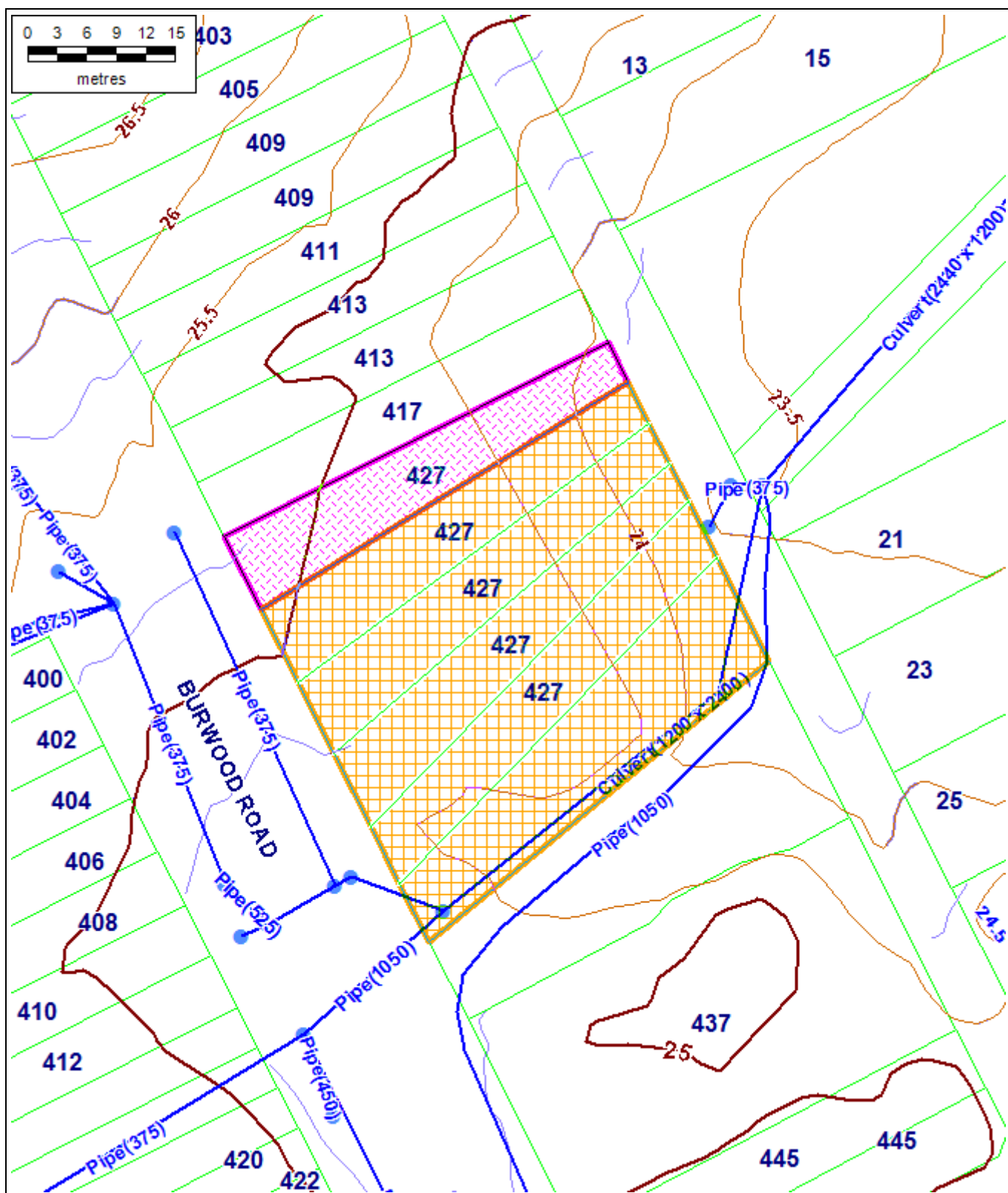
Legend

	Suburb
	Sydney Water
	Sydney Water Sewer
	Stormwater Drains MD
	Stormwater Pits MD
	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



Legend

	CooksOverlandFlowLines
	Suburb
	Sydney Water
	Sydney Water Sewer
	Stormwater Drains MD
	Stormwater Pits MD
	Parcel
	Parcel Associate
	Parcel Vinculum
	Jetty
	Easements
	Road Boundaries
	Road Names
	Airport Internal Road
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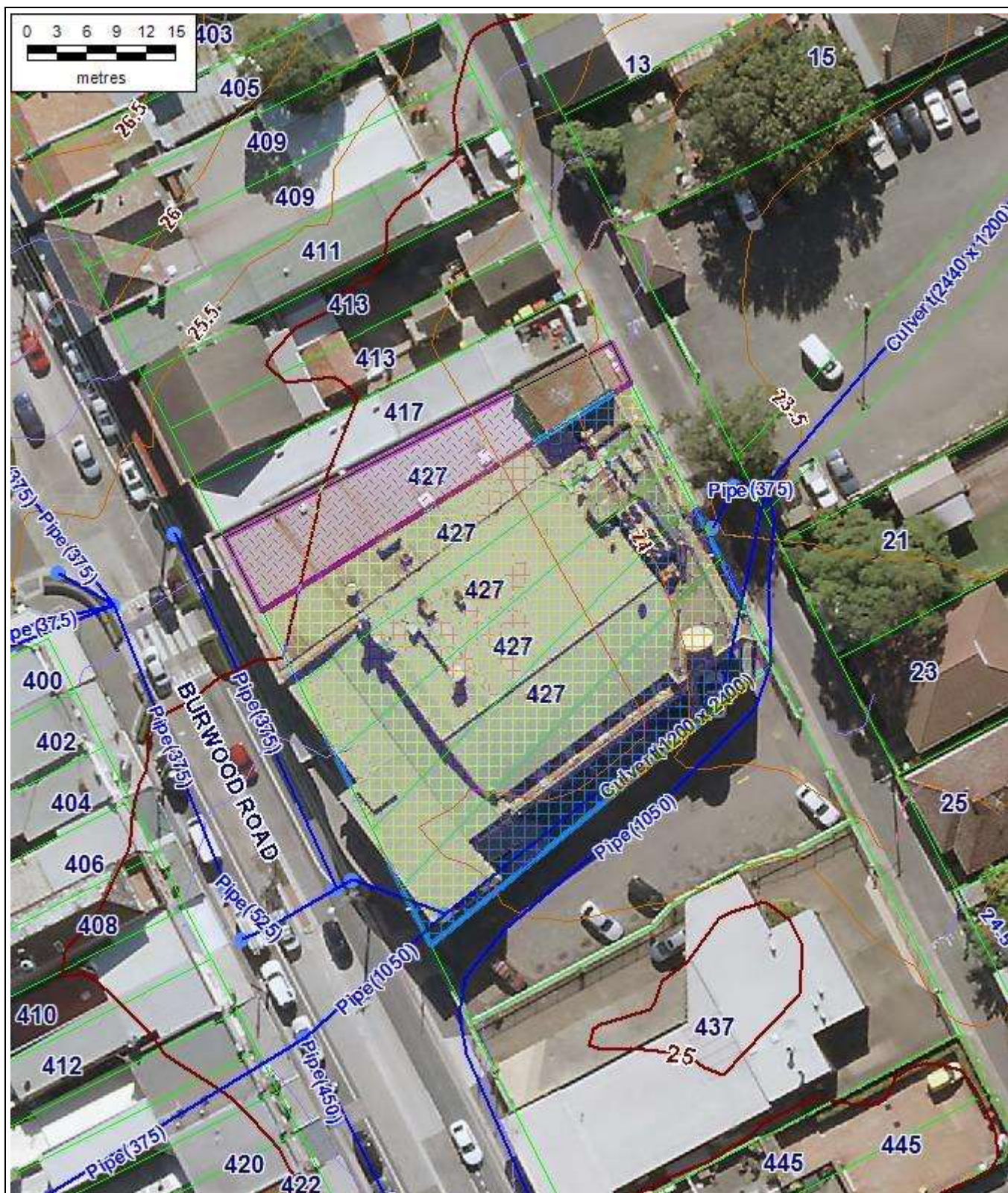
1:568
13 May 2022

427 Burwood Road, Belmore

GIS Map

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427 Burwood Road. Belmore

Aerial Map

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