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## CITY OF CANTERBURY BANKSTOWN

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To: Mr Felix Antony  
7 Sirius Pl  
RIVERWOOD NSW 2210

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### STORMWATER SYSTEM REPORT 7 Sirius Place, RIVERWOOD NSW 2210

Date: 27-Oct-2021  
Ref: WP-SIA-2265/2021  
Development type: **Detached Dwelling (single house)**

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 and associated with the drainage system located north 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 Map from Salt Pan Creek Flood Extension and Salt Pan Creek 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 16 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 former Canterbury 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.**

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

Runoff from the dwelling is to be 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

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

PMF Probable Maximum Flood

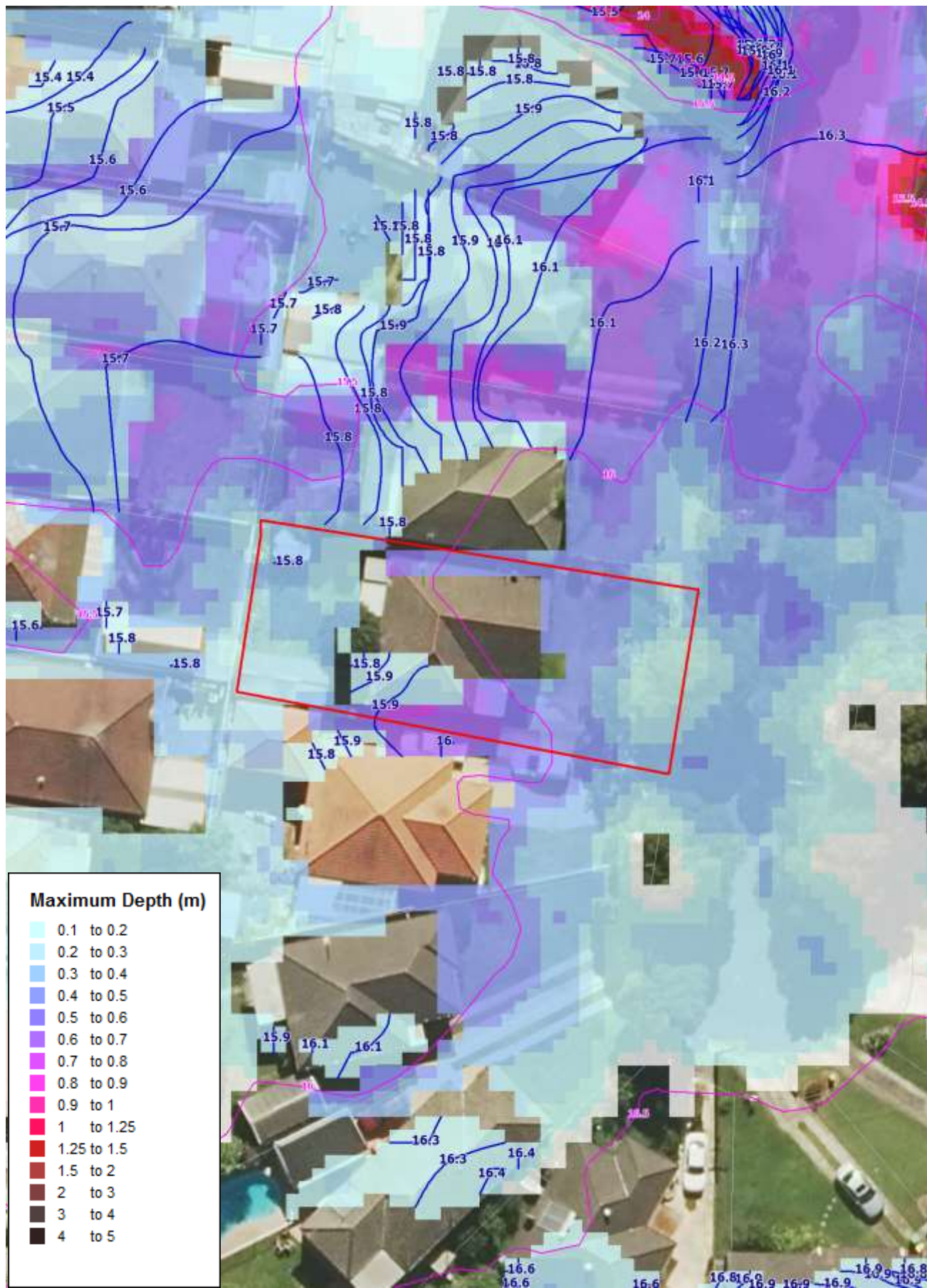
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**Pushpa Goonetilleke**  
**ENGINEER**

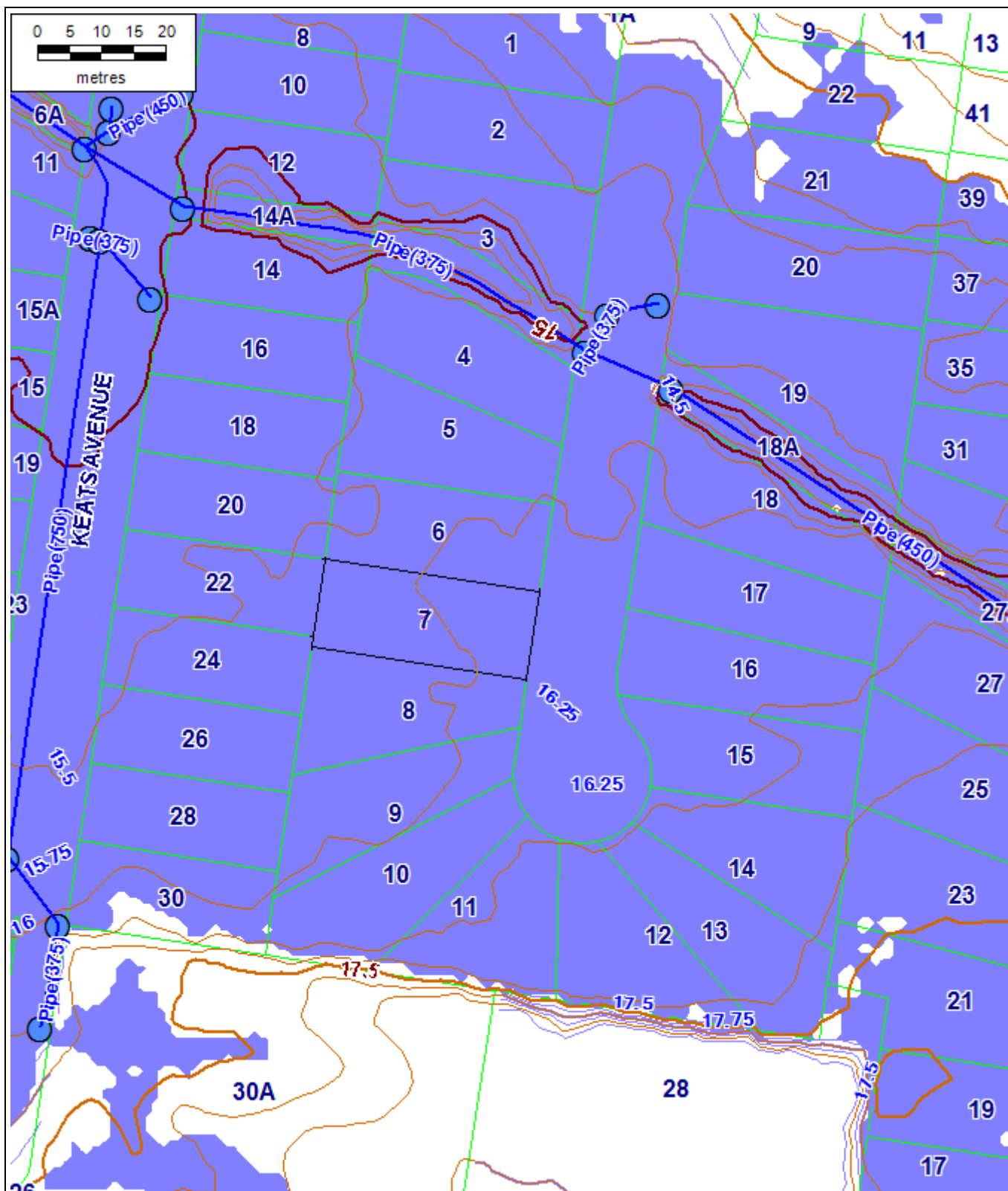


100yr ARI Flood Extent





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



1:869  
29 October 2021

## 7 Sirius Place, Riverwood

*Probable Maximum Flood (PMF) Map*

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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



Flooding\_PMFEXTENT



Road Names



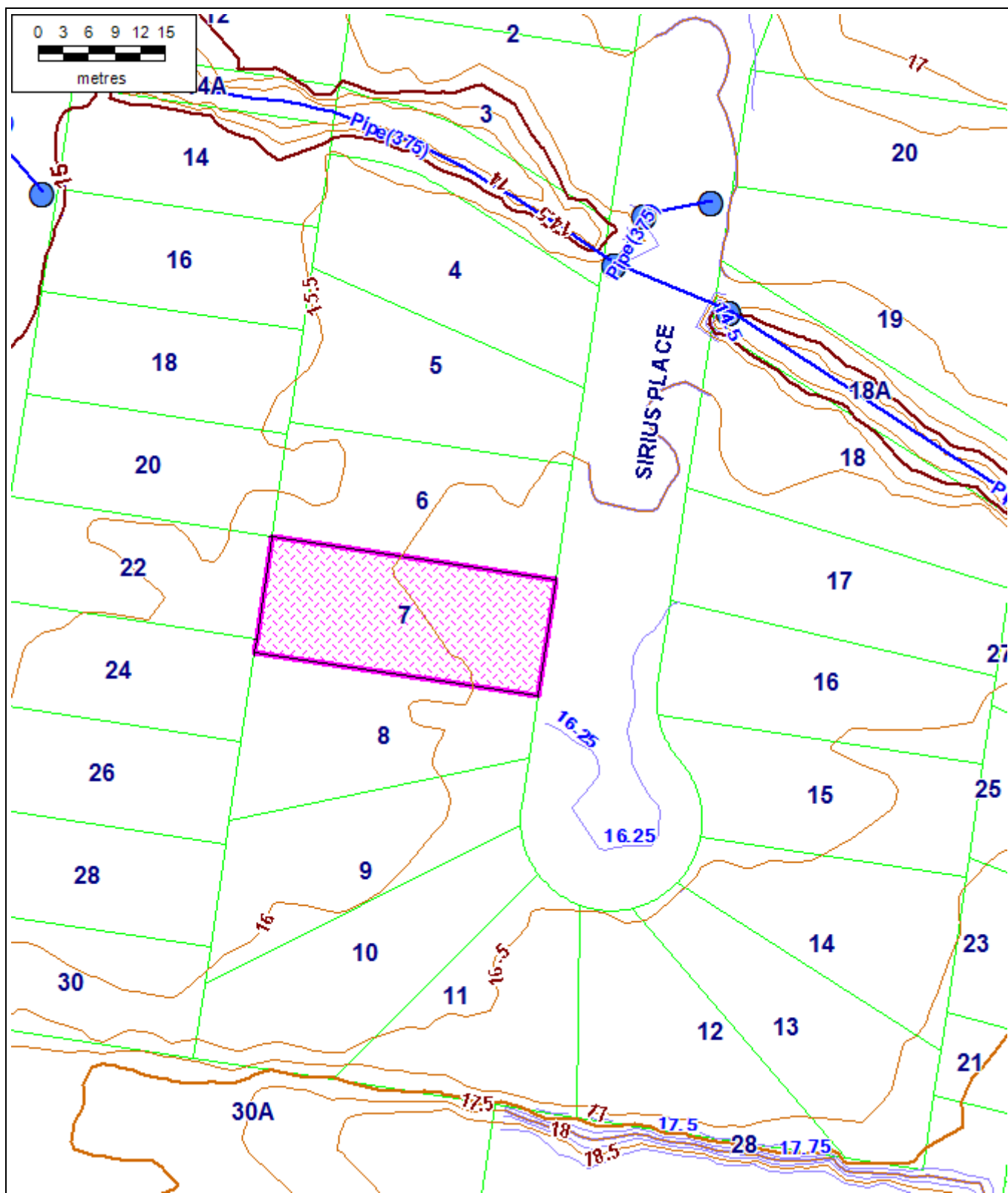
Airport Internal Road



Water Boundary



Airport Taxiway



1:659.2  
29 October 2021

## 7 Sirius Place, Riverwood

GIS Map

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## 7 Sirius Place, Riverwood

Aerial Map

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