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6 November 2013

Mr G Fitzsimmons
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Flood Certificate

Please find attached the Flood Level Information Report for the following address. Note that this report provides additional flood level information and supersedes the previous report dated 16 August 2013:

- **35 Edna Street, Lilyfield**

The information contained in the report is derived from the Draft Leichhardt Flood Study (June 2010 prepared by Cardno Lawson Treloar).

The information is provided in good faith and in accordance with the provisions of s.733 of the Local Government Act.

Should you have any questions please call Council's Stormwater & Development Section on 9367 9222.

Yours faithfully

David Paton
TEAM LEADER STORMWATER & DEVELOPMENT

Property Flood Level Information Report

Applicant Name: Mr G Fitzsimmons

Our Ref: 341

Street Address of Property: 35 Edna Street, Lilyfield

Date of Issue: 6 November 2013

About this Report

This report provides flooding information for the area in the vicinity of the above property. This information can be used to assist in understanding the extent of flooding affecting this property and can be used to assist in preparation of a Flood Risk Management Report in accordance with Section A3a.0 (Sustainable Water & Risk Management) of Council's Development Control Plan (DCP2000). It is recommended that the information in this report be interpreted by a suitably qualified professional.

This report includes two pages; this cover page with an explanation of the information provided, and the second page is a figure providing information on the flooding behaviour in the area. The figure includes peak water levels, depths and flow rates for the 100 year ARI and peak water levels for the Probable Maximum Flood event.

The flood levels provided are based on available information including numerical modelling results prepared by Cardno Lawson Treloar for Leichhardt Council. Further details are available in the *Draft Leichhardt Flood Study* (Cardno Lawson Treloar, 2010). All flood levels and depths are provided to the nearest 0.05 metres.

Definitions

The following provides a brief definition for some of the key terms utilised in this report:

Average Recurrence Interval (ARI)	The long-term average number of years between the occurrence of a flood as big as or larger than the selected event. The 100 year ARI flood event can be expressed as having a 1% chance of occurrence in any given year or as the flood that could occur once every 100 years.
Probable Maximum Flood (PMF)	The PMF is the largest flood that could conceivably occur at a particular location. This event is used to determine what might occur in events larger than a 100 year ARI.
100 year ARI Flow Path / Extent	The area of land expected to be inundated by either a flow path or mainstream flooding during a 100 year ARI flood event. The extents are limited to the areas where depths of flow are greater than 150mm.
100 year ARI High Hazard	Areas within the 100 year ARI flood extents where the depth and/or velocity of flow is likely to represent a possible danger to personal safety; evacuation by trucks is difficult; able-bodied adults would have difficulty wading to safety; and/or potential for structural damage to buildings.
Flood Planning Level (FPL)	The Flood Planning Level in the Leichhardt Local Government Area is calculated by adding a 500mm freeboard onto the 100 year ARI flood level.
Freeboard	The freeboard is incorporated into the Flood Planning Level to provide a factor of safety to the flood levels. It accounts for a number of factors, including wave action, localised obstructions to flows, and model uncertainty.
Australian Height Datum (AHD)	A common national surface level datum approximately corresponding to mean sea level.

Notes

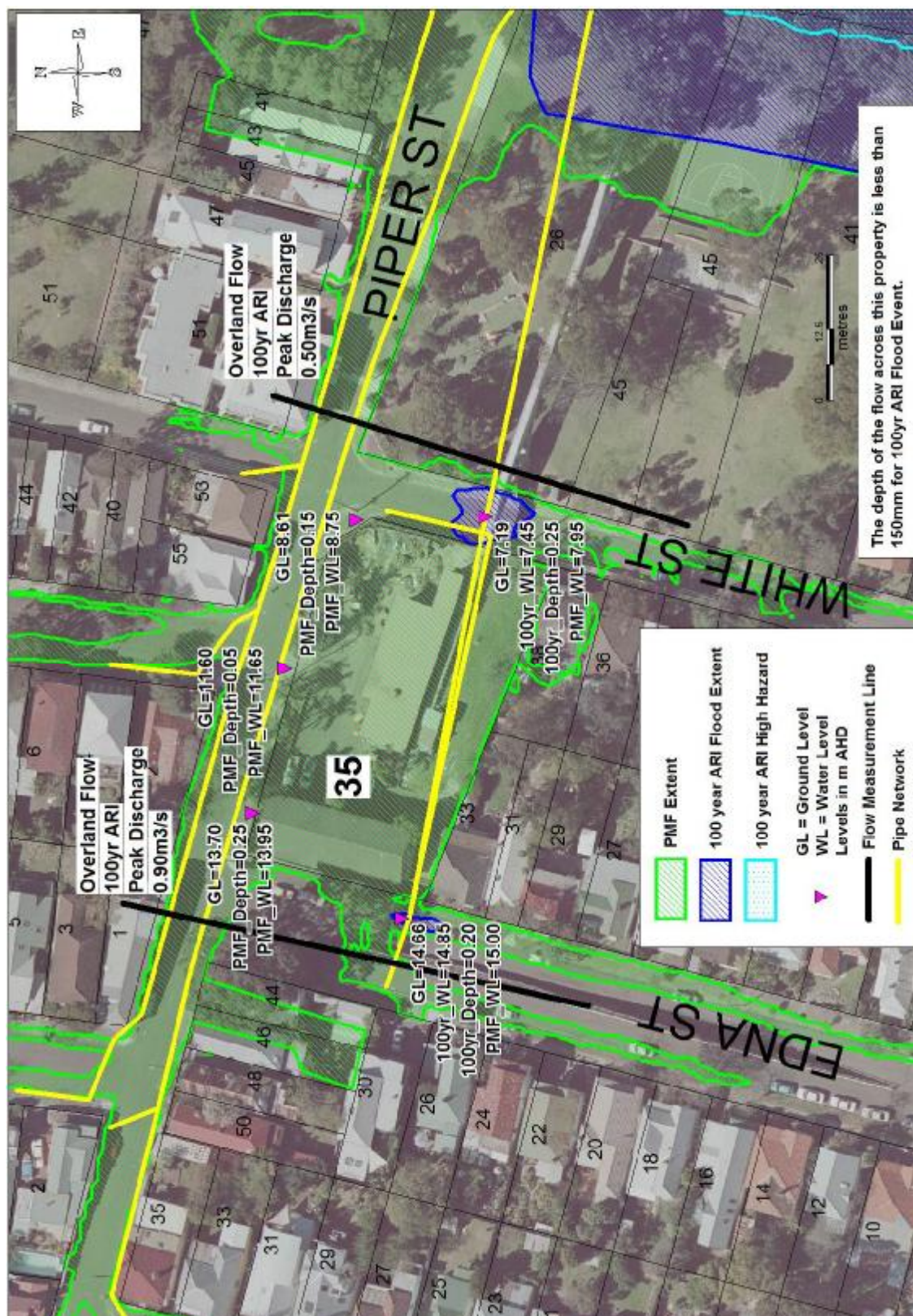
The ground levels shown on the attached figure are based on aerial survey data undertaken by AAM Hatch on behalf of Council. The ground levels should be verified by a suitably qualified surveyor.

The location of stormwater pits and pipes on the attached figure are indicative only. The location and dimensions of pipelines should be verified by a suitably qualified surveyor.

The water depths shown are provided at the location shown and are indicative only. They do not necessarily represent the maximum depth in the area. For example, where a point is located on the centreline of a road, the depths will be higher within the road gutter.

The information is provided in good faith and in accordance with the provisions of s.733 of the Local Government Act.

Property Flood Level Information Report



The information is provided in good faith and in accordance with the provisions of s.733 of the Local Government Act.
The aerial photo was taken by AAM Hatch and is dated at 2006.