

## **AMENDMENT C109**

### **Review of the Special Building Overlay and Land subject to Inundation Overlay**

#### **FURTHER TECHNICAL REVIEW –TEMPLATE AND CRITERIA USED WHERE FLOODSHAPE WAS REVIEWED**

### Overview

- Officers have undertaken a Further Technical Review (FTR) where submitters have questioned the inclusion of their property in the SBO and LSIO, the accuracy of the modelling and where the extent of coverage over the subject land is minimal.
- The FTR included a more detailed analysis to ascertain the exact flood risk to the property. The objective of this review was to check for anomalies.
- The FTR is based on a number of agreed criteria – see below and may indicate that the LSIO or SBO floodshape could be removed or refined in shape or should be kept as exhibited.

### Criteria for the Review

The following criteria were developed to guide the Further Technical Review of submissions and to ensure that there is a consistency in the response to submissions.

Criteria	Assessment
Actual terrain differs from LIDAR data used for modelling.	<ul style="list-style-type: none"><li>• <i>Does the actual land shape and fall generally agrees with LIDAR data?</i></li></ul>
Actual drainage infrastructure differs from that modelled.	<ul style="list-style-type: none"><li>• <i>Does it relate to private internal drainage infrastructure on a single lot?</i></li><li>• <i>How does the actual drainage pipe diameter and compare against the modelled pipe diameter?</i></li></ul>
Flood extent incursion into property minor in nature.	<ul style="list-style-type: none"><li>• <i>Is the incursion of the flood overlay on the property considered minor?</i></li></ul>
Other including unexplained isolated ponding, title boundaries and overlay designation.	<ul style="list-style-type: none"><li>• <i>Is there unexplained isolate ponding which does not contribute to the integrity of the floodshape?</i></li></ul>

### Template for the Review

The following template has been used to document the FTR undertaken for each submission where the accuracy of the modelling has been questioned.

*Note: This is a Further Technical Review (FTR) where submitters have questioned the inclusion of their property in the SBO and LSIO due to: the accuracy of the modelling; where flooding has not been experienced in the past; and where the extent of coverage over the subject land is minimal. Other issues identified in submissions are addressed in the Council Report and relevant attachments.*

**Submission No.:**

**Property Address:**

**Catchment:**

**Proposed Planning Scheme Control(s):**

Maps showing the proposed overlays are attached to this assessment.

Desktop review (Data collection/ assessor comments)

**Previous reports of flooding for property (CFS Request Ref No's):**

**Area of incursion into property (m<sup>2</sup>):**

**Percentage of property area affected by incursion:**

**Officer Desktop Review Comments:**

Site visit

**Date of inspection (if required):**

**If site inspection not required, why:**

Site photos informing this assessment, if necessary, are attached to this report.

**Data and information collected from site visit:**

## Assessment against criteria

The criteria below have been used to assist in the review and assessment of the written submission content.

**Criteria 1: The extent to which the actual terrain differs from LIDAR data, and any potential impacts on the modelling.**

**Criteria 2: The extent to which the as-constructed drainage infrastructure differs from that modelled, and any potential impacts on the modelling.**

**Criteria 3: The extent to which a minor flood extent incursion protrudes into a property.**

**Criteria 4: Other**

- The appropriateness of applying a different overlay designation having regard to the flood modelling; or
- The extent to which an anomaly has been identified with the title boundary; or
- The extent to which unexplained isolated small ponding could be removed without affecting the credibility of the flood mapping.

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**Officer response to submission:**

Signed off:	
Date:	