

Sutherland Shire Overland Flood Study

Volume 2: Mapping (Draft)

DRAFT

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The Amendment Record below records the history and issue status of this document.

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Explanatory Notes

Overview

This document forms Volume 2 of the 'Sutherland Shire Overland Flood Study', and contains the design and flood mitigation flood mapping. The maps should be considered in conjunction with the accompanying Volume 1 of the Sutherland Shire Overland Flood Study.

The maps contain the following model outputs:

- Peak Flood Levels (m AHD)
- Peak Flood Depth (m)
- Peak Flood Velocity (m/s)
- Flood Hazard
- Flood Function
- Flood Planning Area and Flood Control Lots
- Flood Risk Precincts
- Flood Emergency Response Classifications
- Pipe Capacity Assessment

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Disclaimer

The mapping has been prepared for Sutherland Shire Council for the purposes of the Sutherland Shire Overland Flood Study. Use of the mapping by third parties is done so at their own risk. BMT does not warrant the accuracy or completeness of information displayed in the mapping. BMT shall bear no responsibility of liability for any errors, faults, defects or omissions in the information.

Flood mapping is shown at regional scale and should not be used without consulting Volume 1 of the 'Sutherland Shire Overland Flood Study'.

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C-04.F	Provisional Hydraulic Hazard (FDM) - 2% AEP Event - View F
C-04.G	Provisional Hydraulic Hazard (FDM) - 2% AEP Event - View G
C-04.H	Provisional Hydraulic Hazard (FDM) - 2% AEP Event - View H
C-04.I	Provisional Hydraulic Hazard (FDM) - 2% AEP Event - View I
C-04.J	Provisional Hydraulic Hazard (FDM) - 2% AEP Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-05.A	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View A
C-05.B	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View B
C-05.C	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View C
C-05.D	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View D
C-05.E	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View E
C-05.F	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View F
C-05.G	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View G
C-05.H	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View H
C-05.I	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View I
C-05.J	Provisional Hydraulic Hazard (FDM) - 1% AEP Event - View J
C-06.A	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View A
C-06.B	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View B
C-06.C	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View C
C-06.D	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View D
C-06.E	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View E
C-06.F	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View F
C-06.G	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View G
C-06.H	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View H
C-06.I	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View I
C-06.J	Provisional Hydraulic Hazard (FDM) - 0.5% AEP Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-07.A	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View A
C-07.B	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View B
C-07.C	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View C
C-07.D	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View D
C-07.E	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View E
C-07.F	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View F
C-07.G	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View G
C-07.H	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View H
C-07.I	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View I
C-07.J	Provisional Hydraulic Hazard (FDM) - 0.2% AEP Event - View J
C-08.A	Provisional Hydraulic Hazard (FDM) - PMF Event - View A
C-08.B	Provisional Hydraulic Hazard (FDM) - PMF Event - View B
C-08.C	Provisional Hydraulic Hazard (FDM) - PMF Event - View C
C-08.D	Provisional Hydraulic Hazard (FDM) - PMF Event - View D
C-08.E	Provisional Hydraulic Hazard (FDM) - PMF Event - View E
C-08.F	Provisional Hydraulic Hazard (FDM) - PMF Event - View F
C-08.G	Provisional Hydraulic Hazard (FDM) - PMF Event - View G
C-08.H	Provisional Hydraulic Hazard (FDM) - PMF Event - View H
C-08.I	Provisional Hydraulic Hazard (FDM) - PMF Event - View I
C-08.J	Provisional Hydraulic Hazard (FDM) - PMF Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-09.A	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View A
C-09.B	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View B
C-09.C	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View C
C-09.D	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View D
C-09.E	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View E
C-09.F	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View F
C-09.G	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View G
C-09.H	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View H
C-09.I	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View I
C-09.J	Provisional Hydraulic Hazard (AIDR) - 20% AEP Event - View J
C-10.A	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View A
C-10.B	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View B
C-10.C	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View C
C-10.D	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View D
C-10.E	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View E
C-10.F	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View F
C-10.G	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View G
C-10.H	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View H
C-10.I	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View I
C-10.J	Provisional Hydraulic Hazard (AIDR) - 10% AEP Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-11.A	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View A
C-11.B	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View B
C-11.C	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View C
C-11.D	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View D
C-11.E	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View E
C-11.F	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View F
C-11.G	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View G
C-11.H	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View H
C-11.I	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View I
C-11.J	Provisional Hydraulic Hazard (AIDR) - 5% AEP Event - View J
C-12.A	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View A
C-12.B	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View B
C-12.C	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View C
C-12.D	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View D
C-12.E	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View E
C-12.F	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View F
C-12.G	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View G
C-12.H	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View H
C-12.I	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View I
C-12.J	Provisional Hydraulic Hazard (AIDR) - 2% AEP Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-13.A	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View A
C-13.B	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View B
C-13.C	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View C
C-13.D	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View D
C-13.E	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View E
C-13.F	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View F
C-13.G	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View G
C-13.H	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View H
C-13.I	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View I
C-13.J	Provisional Hydraulic Hazard (AIDR) - 1% AEP Event - View J
C-14.A	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View A
C-14.B	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View B
C-14.C	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View C
C-14.D	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View D
C-14.E	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View E
C-14.F	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View F
C-14.G	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View G
C-14.H	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View H
C-14.I	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View I
C-14.J	Provisional Hydraulic Hazard (AIDR) - 0.5% AEP Event - View J

Figure Number	Map Set C – Design Flood Hazard
C-15.A	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View A
C-15.B	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View B
C-15.C	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View C
C-15.D	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View D
C-15.E	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View E
C-15.F	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View F
C-15.G	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View G
C-15.H	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View H
C-15.I	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View I
C-15.J	Provisional Hydraulic Hazard (AIDR) - 0.2% AEP Event - View J
C-16.A	Provisional Hydraulic Hazard (AIDR) - PMF Event - View A
C-16.B	Provisional Hydraulic Hazard (AIDR) - PMF Event - View B
C-16.C	Provisional Hydraulic Hazard (AIDR) - PMF Event - View C
C-16.D	Provisional Hydraulic Hazard (AIDR) - PMF Event - View D
C-16.E	Provisional Hydraulic Hazard (AIDR) - PMF Event - View E
C-16.F	Provisional Hydraulic Hazard (AIDR) - PMF Event - View F
C-16.G	Provisional Hydraulic Hazard (AIDR) - PMF Event - View G
C-16.H	Provisional Hydraulic Hazard (AIDR) - PMF Event - View H
C-16.I	Provisional Hydraulic Hazard (AIDR) - PMF Event - View I
C-16.J	Provisional Hydraulic Hazard (AIDR) - PMF Event - View J

Figure Number	Map Set D – Flood Function
D-01.A	Flood Function - 20% AEP Event - View A
D-01.B	Flood Function - 20% AEP Event - View B
D-01.C	Flood Function - 20% AEP Event - View C
D-01.D	Flood Function - 20% AEP Event - View D
D-01.E	Flood Function - 20% AEP Event - View E
D-01.F	Flood Function - 20% AEP Event - View F
D-01.G	Flood Function - 20% AEP Event - View G
D-01.H	Flood Function - 20% AEP Event - View H
D-01.I	Flood Function - 20% AEP Event - View I
D-01.J	Flood Function - 20% AEP Event - View J
D-02.A	Flood Function - 10% AEP Event - View A
D-02.B	Flood Function - 10% AEP Event - View B
D-02.C	Flood Function - 10% AEP Event - View C
D-02.D	Flood Function - 10% AEP Event - View D
D-02.E	Flood Function - 10% AEP Event - View E
D-02.F	Flood Function - 10% AEP Event - View F
D-02.G	Flood Function - 10% AEP Event - View G
D-02.H	Flood Function - 10% AEP Event - View H
D-02.I	Flood Function - 10% AEP Event - View I
D-02.J	Flood Function - 10% AEP Event - View J
D-03.A	Flood Function - 5% AEP Event - View A

Figure Number	Map Set D – Flood Function
D-03.B	Flood Function - 5% AEP Event - View B
D-03.C	Flood Function - 5% AEP Event - View C
D-03.D	Flood Function - 5% AEP Event - View D
D-03.E	Flood Function - 5% AEP Event - View E
D-03.F	Flood Function - 5% AEP Event - View F
D-03.G	Flood Function - 5% AEP Event - View G
D-03.H	Flood Function - 5% AEP Event - View H
D-03.I	Flood Function - 5% AEP Event - View I
D-03.J	Flood Function - 5% AEP Event - View J
D-04.A	Flood Function - 2% AEP Event - View A
D-04.B	Flood Function - 2% AEP Event - View B
D-04.C	Flood Function - 2% AEP Event - View C
D-04.D	Flood Function - 2% AEP Event - View D
D-04.E	Flood Function - 2% AEP Event - View E
D-04.F	Flood Function - 2% AEP Event - View F
D-04.G	Flood Function - 2% AEP Event - View G
D-04.H	Flood Function - 2% AEP Event - View H
D-04.I	Flood Function - 2% AEP Event - View I
D-04.J	Flood Function - 2% AEP Event - View J
D-05.A	Flood Function - 1% AEP Event - View A
D-05.B	Flood Function - 1% AEP Event - View B

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Figure Number	Map Set D – Flood Function
D-05.C	Flood Function - 1% AEP Event - View C
D-05.D	Flood Function - 1% AEP Event - View D
D-05.E	Flood Function - 1% AEP Event - View E
D-05.F	Flood Function - 1% AEP Event - View F
D-05.G	Flood Function - 1% AEP Event - View G
D-05.H	Flood Function - 1% AEP Event - View H
D-05.I	Flood Function - 1% AEP Event - View I
D-05.J	Flood Function - 1% AEP Event - View J
D-06.A	Flood Function - 0.5% AEP Event - View A
D-06.B	Flood Function - 0.5% AEP Event - View B
D-06.C	Flood Function - 0.5% AEP Event - View C
D-06.D	Flood Function - 0.5% AEP Event - View D
D-06.E	Flood Function - 0.5% AEP Event - View E
D-06.F	Flood Function - 0.5% AEP Event - View F
D-06.G	Flood Function - 0.5% AEP Event - View G
D-06.H	Flood Function - 0.5% AEP Event - View H
D-06.I	Flood Function - 0.5% AEP Event - View I
D-06.J	Flood Function - 0.5% AEP Event - View J
D-07.A	Flood Function - 0.2% AEP Event - View A

Figure Number	Map Set D – Flood Function
D-07.B	Flood Function - 0.2% AEP Event - View B
D-07.C	Flood Function - 0.2% AEP Event - View C
D-07.D	Flood Function - 0.2% AEP Event - View D
D-07.E	Flood Function - 0.2% AEP Event - View E
D-07.F	Flood Function - 0.2% AEP Event - View F
D-07.G	Flood Function - 0.2% AEP Event - View G
D-07.H	Flood Function - 0.2% AEP Event - View H
D-07.I	Flood Function - 0.2% AEP Event - View I
D-07.J	Flood Function - 0.2% AEP Event - View J
D-08.A	Flood Function - PMF Event - View A
D-08.B	Flood Function - PMF Event - View B
D-08.C	Flood Function - PMF Event - View C
D-08.D	Flood Function - PMF Event - View D
D-08.E	Flood Function - PMF Event - View E
D-08.F	Flood Function - PMF Event - View F
D-08.G	Flood Function - PMF Event - View G
D-08.H	Flood Function - PMF Event - View H
D-08.I	Flood Function - PMF Event - View I
D-08.J	Flood Function - PMF Event - View J

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Figure Number	Map Set E – Sensitivity Analysis
E-01.A	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View A
E-01.B	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View B
E-01.C	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View C
E-01.D	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View D
E-01.E	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View E
E-01.F	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View F
E-01.G	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View G
E-01.H	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View H
E-01.I	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View I
E-01.J	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Manning's 'n' - View J
E-02.A	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View A
E-02.B	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View B
E-02.C	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View C
E-02.D	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View D
E-02.E	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View E
E-02.F	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View F
E-02.G	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View G
E-02.H	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View H
E-02.I	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View I
E-02.J	Peak Flood Level Impact - PMF Event + 20% Increase in Manning's 'n' - View J
E-03.A	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View A

Figure Number	Map Set E – Sensitivity Analysis
E-03.B	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View B
E-03.C	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View C
E-03.D	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View D
E-03.E	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View E
E-03.F	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View F
E-03.G	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View G
E-03.H	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View H
E-03.I	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View I
E-03.J	Peak Flood Level Impact - 1% AEP Event + 20% Decrease in Manning's 'n' - View J
E-04.A	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View A
E-04.B	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View B
E-04.C	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View C
E-04.D	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View D
E-04.E	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View E
E-04.F	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View F
E-04.G	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View G
E-04.H	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View H
E-04.I	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View I
E-04.J	Peak Flood Level Impact - PMF Event + 20% Decrease in Manning's 'n' - View J
E-05.A	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View A
E-05.B	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View B

Figure Number	Map Set E – Sensitivity Analysis
E-05.C	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View C
E-05.D	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View D
E-05.E	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View E
E-05.F	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View F
E-05.G	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View G
E-05.H	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View H
E-05.I	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View I
E-05.J	Peak Flood Level Impact - 1% AEP Event + 100% Blockage on All Structures - View J
E-06.A	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View A
E-06.B	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View B
E-06.C	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View C
E-06.D	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View D
E-06.E	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View E
E-06.F	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View F
E-06.G	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View G
E-06.H	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View H
E-06.I	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View I
E-06.J	Peak Flood Level Impact - PMF Event + 100% Blockage on All Structures - View J

Figure Number	Map Set F – Future Flood Risks – Increase in Rainfall Intensity
F-01.A	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View A
F-01.B	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View B
F-01.C	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View C
F-01.D	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View D
F-01.E	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View E
F-01.F	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View F
F-01.G	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View G
F-01.H	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View H
F-01.I	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View I
F-01.J	Peak Flood Level Impact - 1% AEP Event + 10% Increase in Rainfall Intensity - View J
F-02.A	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View A
F-02.B	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View B
F-02.C	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View C
F-02.D	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View D
F-02.E	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View E
F-02.F	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View F
F-02.G	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View G
F-02.H	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View H
F-02.I	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View I
F-02.J	Peak Flood Level Impact - PMF Event + 10% Increase in Rainfall Intensity - View J
F-03.A	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View A

Figure Number	Map Set F – Future Flood Risks – Increase in Rainfall Intensity
F-03.B	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View B
F-03.C	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View C
F-03.D	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View D
F-03.E	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View E
F-03.F	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View F
F-03.G	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View G
F-03.H	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View H
F-03.I	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View I
F-03.J	Peak Flood Level Impact - 1% AEP Event + 20% Increase in Rainfall Intensity - View J
F-04.A	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View A
F-04.B	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View B
F-04.C	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View C
F-04.D	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View D
F-04.E	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View E
F-04.F	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View F
F-04.G	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View G
F-04.H	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View H
F-04.I	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View I
F-04.J	Peak Flood Level Impact - PMF Event + 20% Increase in Rainfall Intensity - View J
F-05.A	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View A
F-05.B	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View B

Figure Number	Map Set F – Future Flood Risks – Increase in Rainfall Intensity
F-05.C	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View C
F-05.D	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View D
F-05.E	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View E
F-05.F	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View F
F-05.G	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View G
F-05.H	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View H
F-05.I	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View I
F-05.J	Peak Flood Level Impact - 1% AEP Event + 30% Increase in Rainfall Intensity - View J
F-06.A	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View A
F-06.B	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View B
F-06.C	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View C
F-06.D	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View D
F-06.E	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View E
F-06.F	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View F
F-06.G	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View G
F-06.H	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View H
F-06.I	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View I
F-06.J	Peak Flood Level Impact - PMF Event + 30% Increase in Rainfall Intensity - View J

Figure Number	Map Set F – Future Flood Risks – Increase in Rainfall Intensity
F-07.A	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View A
F-07.B	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View B
F-07.C	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View C
F-07.D	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View D
F-07.E	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View E
F-07.F	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View F
F-07.G	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View G
F-07.H	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View H
F-07.I	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View I
F-07.J	Peak Flood Level Impact - 1% AEP Event + Year 2070 Sea Level Rise - View J
F-08.A	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View A
F-08.B	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View B
F-08.C	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View C
F-08.D	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View D
F-08.E	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View E
F-08.F	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View F
F-08.G	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View G
F-08.H	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View H
F-08.I	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View I
F-08.J	Peak Flood Level Impact - PMF Event + Year 2070 Sea Level Rise - View J
F-09.A	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View A

Figure Number	Map Set F – Future Flood Risks – Increase in Rainfall Intensity
F-09.B	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View B
F-09.C	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View C
F-09.D	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View D
F-09.E	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View E
F-09.F	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View F
F-09.G	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View G
F-09.H	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View H
F-09.I	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View I
F-09.J	Peak Flood Level Impact - 1% AEP Event + Year 2100 Sea Level Rise - View J
F-10.A	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View A
F-10.B	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View B
F-10.C	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View C
F-10.D	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View D
F-10.E	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View E
F-10.F	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View F
F-10.G	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View G
F-10.H	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View H
F-10.I	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View I
F-10.J	Peak Flood Level Impact - PMF Event + Year 2100 Sea Level Rise - View J

Figure Number	Map Set G – Flood Planning Controls
G-01.A	Flood Control Lots - FPA - Region A
G-01.B	Flood Control Lots - FPA - Region B
G-01.C	Flood Control Lots - FPA - Region C
G-01.D	Flood Control Lots - FPA - Region D
G-01.E	Flood Control Lots - FPA - Region E
G-01.F	Flood Control Lots - FPA - Region F
G-01.G	Flood Control Lots - FPA - Region G
G-01.H	Flood Control Lots - FPA - Region H
G-01.I	Flood Control Lots - FPA - Region I
G-01.J	Flood Control Lots - FPA - Region J
G-02.A	Flood Control Lots - PMF - Region A
G-02.B	Flood Control Lots - PMF - Region B
G-02.C	Flood Control Lots - PMF - Region C
G-02.D	Flood Control Lots - PMF - Region D
G-02.E	Flood Control Lots - PMF - Region E
G-02.F	Flood Control Lots - PMF - Region F
G-02.G	Flood Control Lots - PMF - Region G

Figure Number	Map Set G – Flood Planning Controls
G-02.H	Flood Control Lots - PMF - Region H
G-02.I	Flood Control Lots - PMF - Region I
G-02.J	Flood Control Lots - PMF - Region J

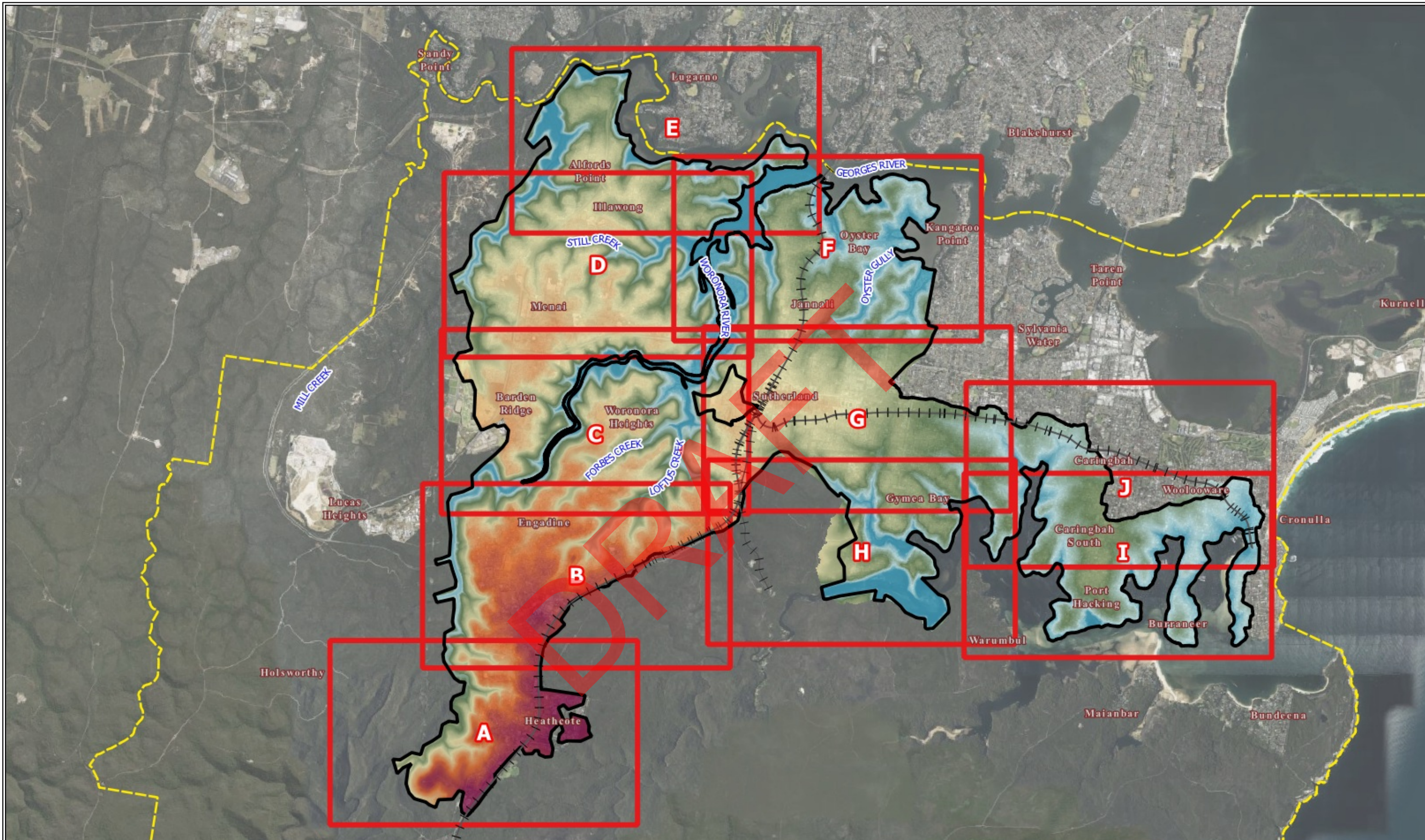
Figure Number	Map Set H – Flood Risk Precinct
H-01.A	Flood Risk Precincts - Region A
H-01.B	Flood Risk Precincts - Region B
H-01.C	Flood Risk Precincts - Region C
H-01.D	Flood Risk Precincts - Region D
H-01.E	Flood Risk Precincts - Region E
H-01.F	Flood Risk Precincts - Region F
H-01.G	Flood Risk Precincts - Region G
H-01.H	Flood Risk Precincts - Region H
H-01.I	Flood Risk Precincts - Region I
H-01.J	Flood Risk Precincts - Region J

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Figure Number	Map Set I – Flood Emergency Response Classification
I-01.A	Flood Emergency Response Classification - Region A
I-01.B	Flood Emergency Response Classification - Region B
I-01.C	Flood Emergency Response Classification - Region C
I-01.D	Flood Emergency Response Classification - Region D
I-01.E	Flood Emergency Response Classification - Region E
I-01.F	Flood Emergency Response Classification - Region F
I-01.G	Flood Emergency Response Classification - Region G
I-01.H	Flood Emergency Response Classification - Region H
I-01.I	Flood Emergency Response Classification - Region I
I-01.J	Flood Emergency Response Classification - Region J

Figure Number	Map Set J – Pipe Capacity Assessment
J-01.A	Pipe Capacity Assessment - Region A
J-01.B	Pipe Capacity Assessment - Region B
J-01.C	Pipe Capacity Assessment - Region C
J-01.D	Pipe Capacity Assessment - Region D
J-01.E	Pipe Capacity Assessment - Region E
J-01.F	Pipe Capacity Assessment - Region F
J-01.G	Pipe Capacity Assessment - Region G
J-01.H	Pipe Capacity Assessment - Region H
J-01.I	Pipe Capacity Assessment - Region I
J-01.J	Pipe Capacity Assessment - Region J

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LEGEND

- View
- Railway
- Hydraulic Model Extent
- Sutherland Shire LGA

- Elevation (m AHD)
- 0
 - 25
 - 50

- 100
- 150
- 200
- 250

Title: **Sutherland Shire Overland Flood Study - Figure Index**

BMT endeavours to ensure that the information provided in this map is correct at the time of publication. BMT does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

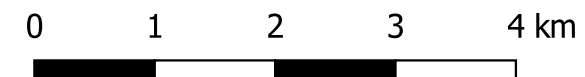
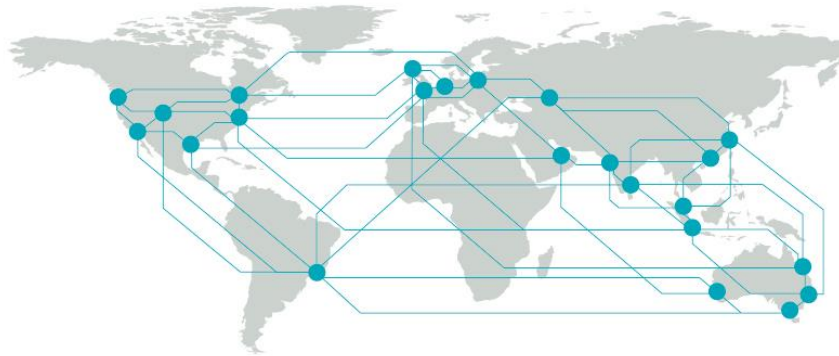


Figure: **00** Rev: **-**





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