



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

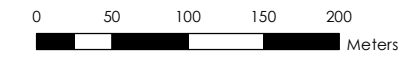
**Legend**

- Study Area
  - Watercourse
  - 1m Flood Level Contour (mAHD)
  - Cadastre
  - Building Footprint
  - Tuflow Model Extent
- MN-20% Flood Depth (m)**
- 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.1**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflo Model Extent

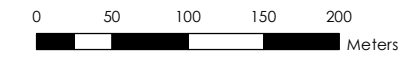
### MN-20% Flood Depth (m)

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.2**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

- References:
1. Base data supplied by NSW SS and Esri
  2. Aerial imagery supplied by MetroMap
  3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

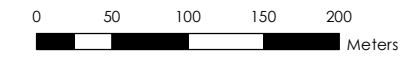
### Legend

- Study Area
  - Watercourse
  - 1m Flood Level Contour (mAHD)
  - Cadastre
  - Building Footprint
  - Tuflow Model Extent
- MN-20% Flood Depth (m)**
- 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.3**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

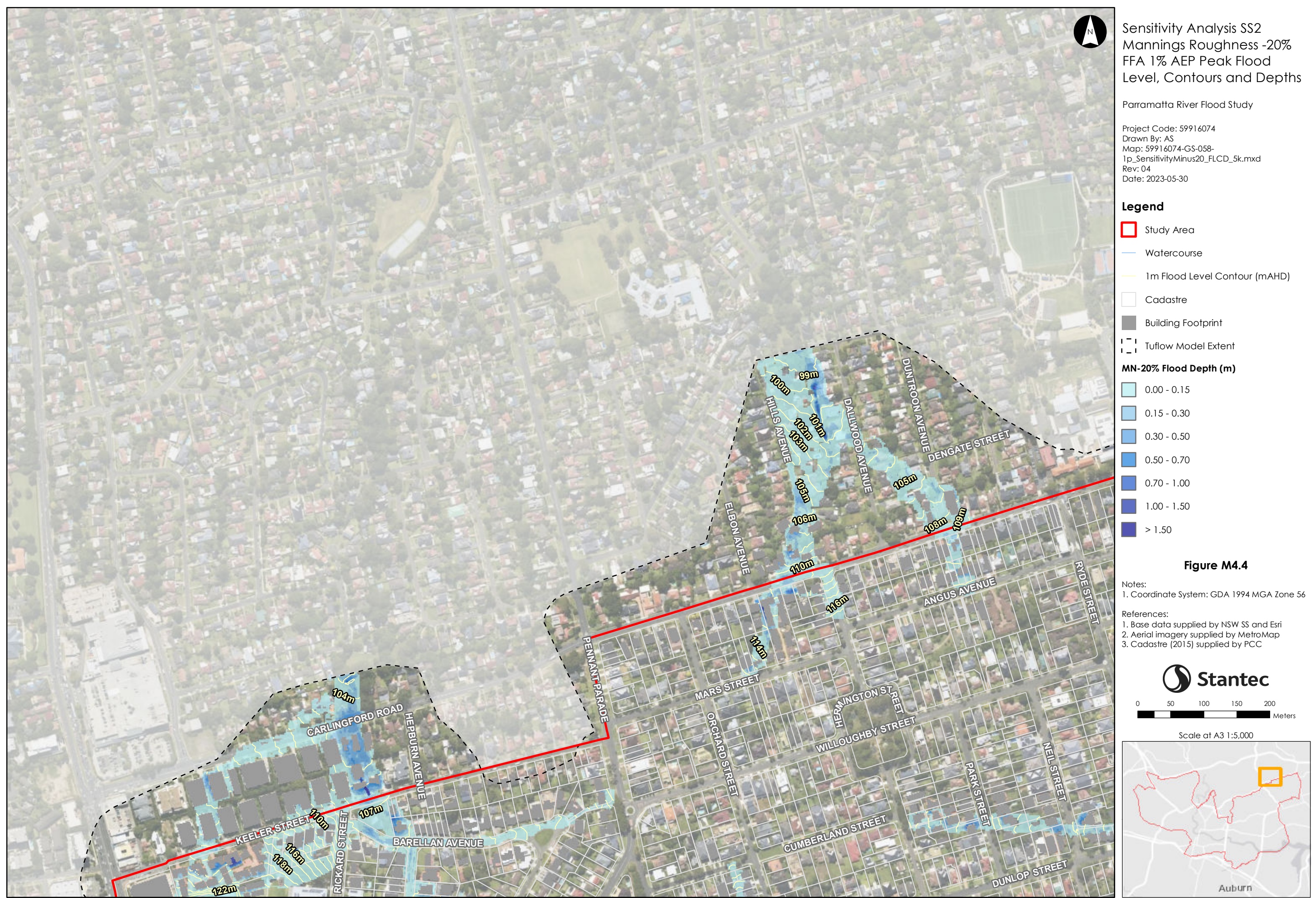
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

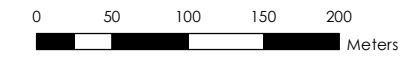
### MN-20% Flood Depth (m)

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure M4.5

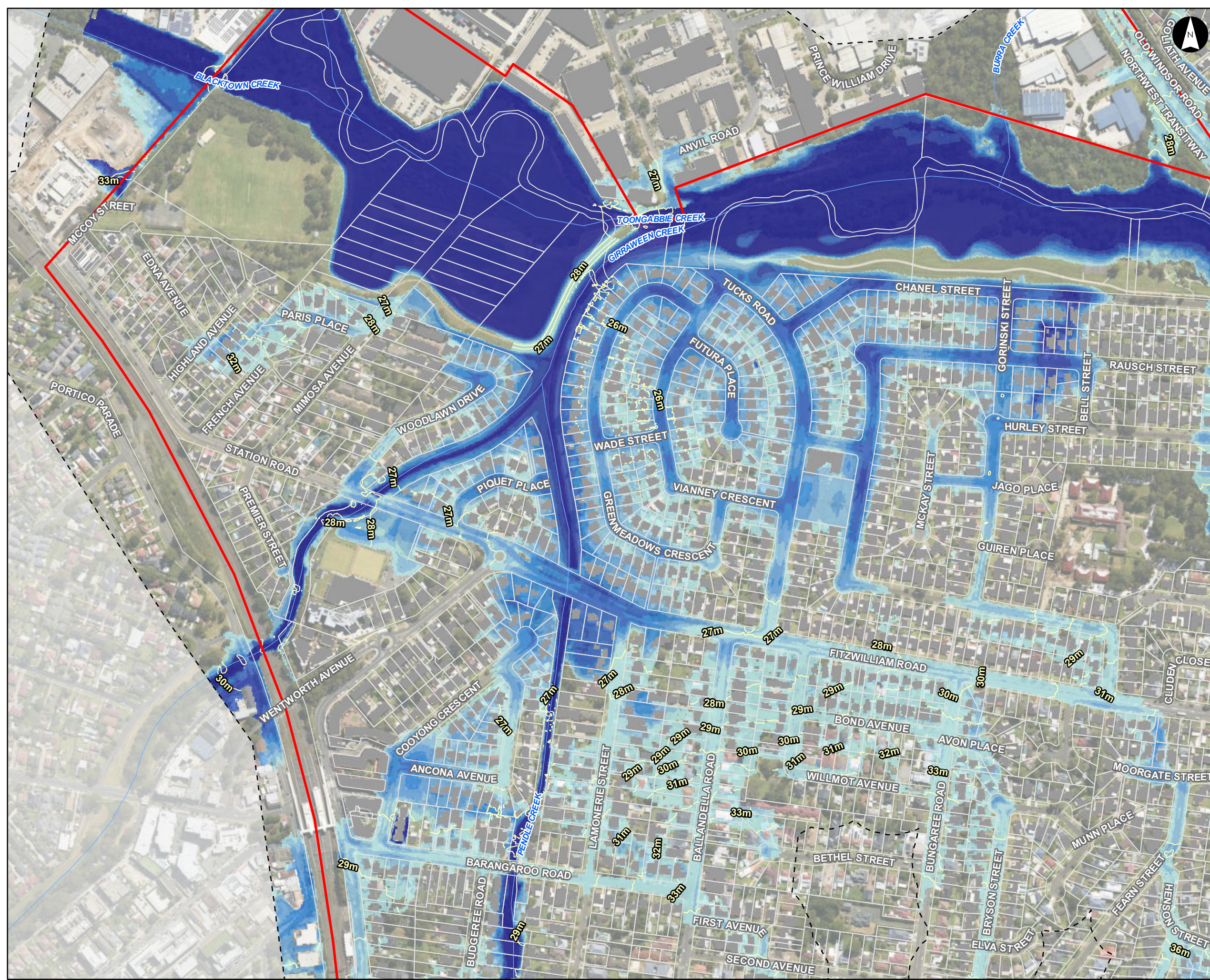
Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

- References:
- 1. Base data supplied by NSW SS and Esri
  - 2. Aerial imagery supplied by MetroMap
  - 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

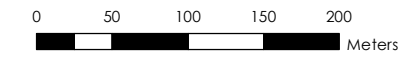
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

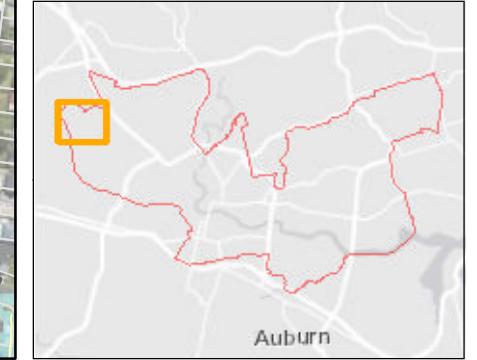
**Figure M4.6**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

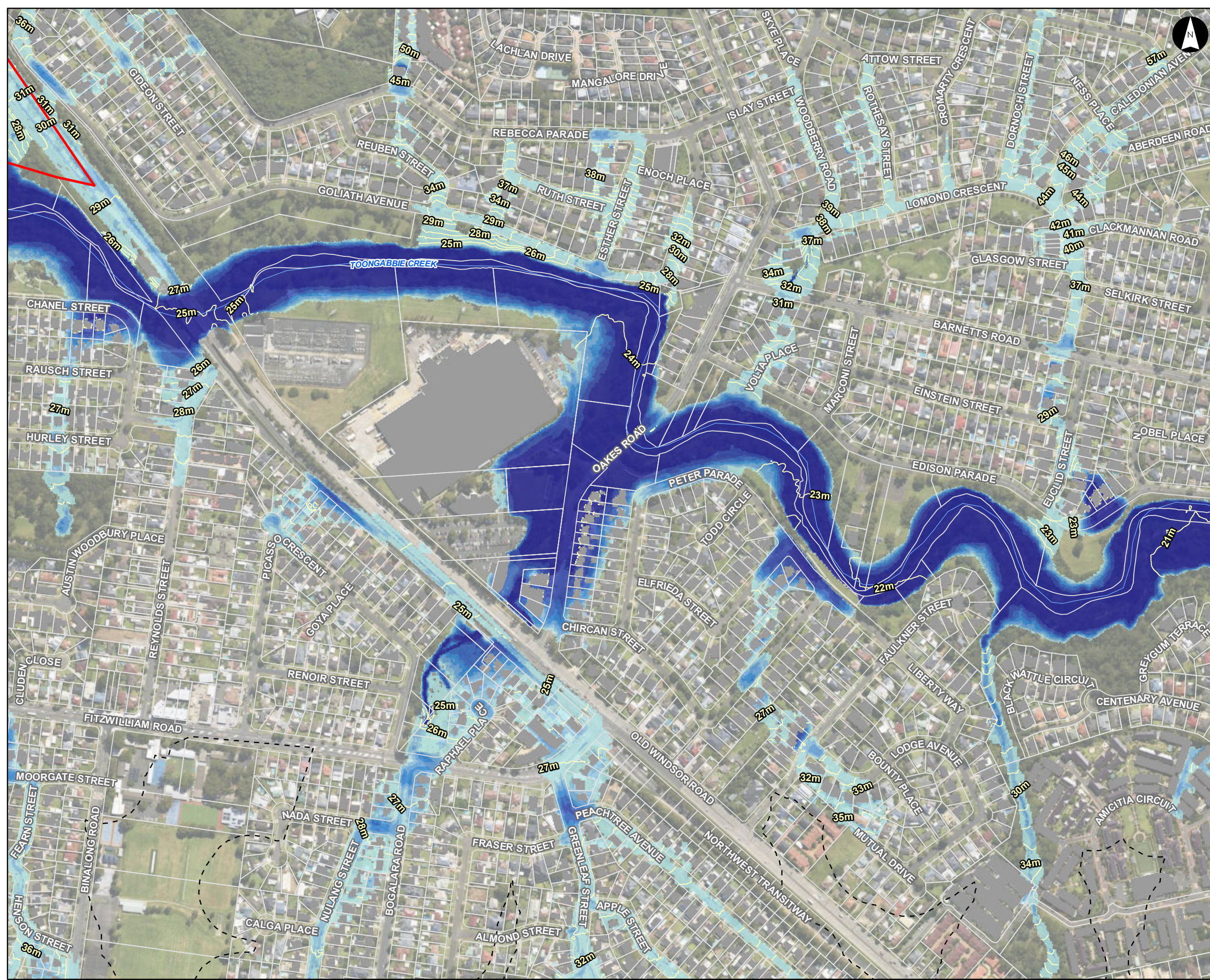
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

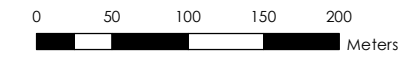
### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent
- MN-20% Flood Depth (m)**
  - 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

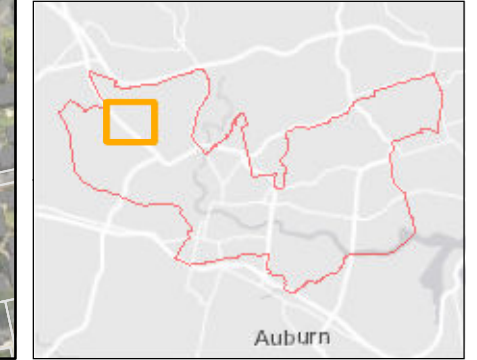
Figure M4.7

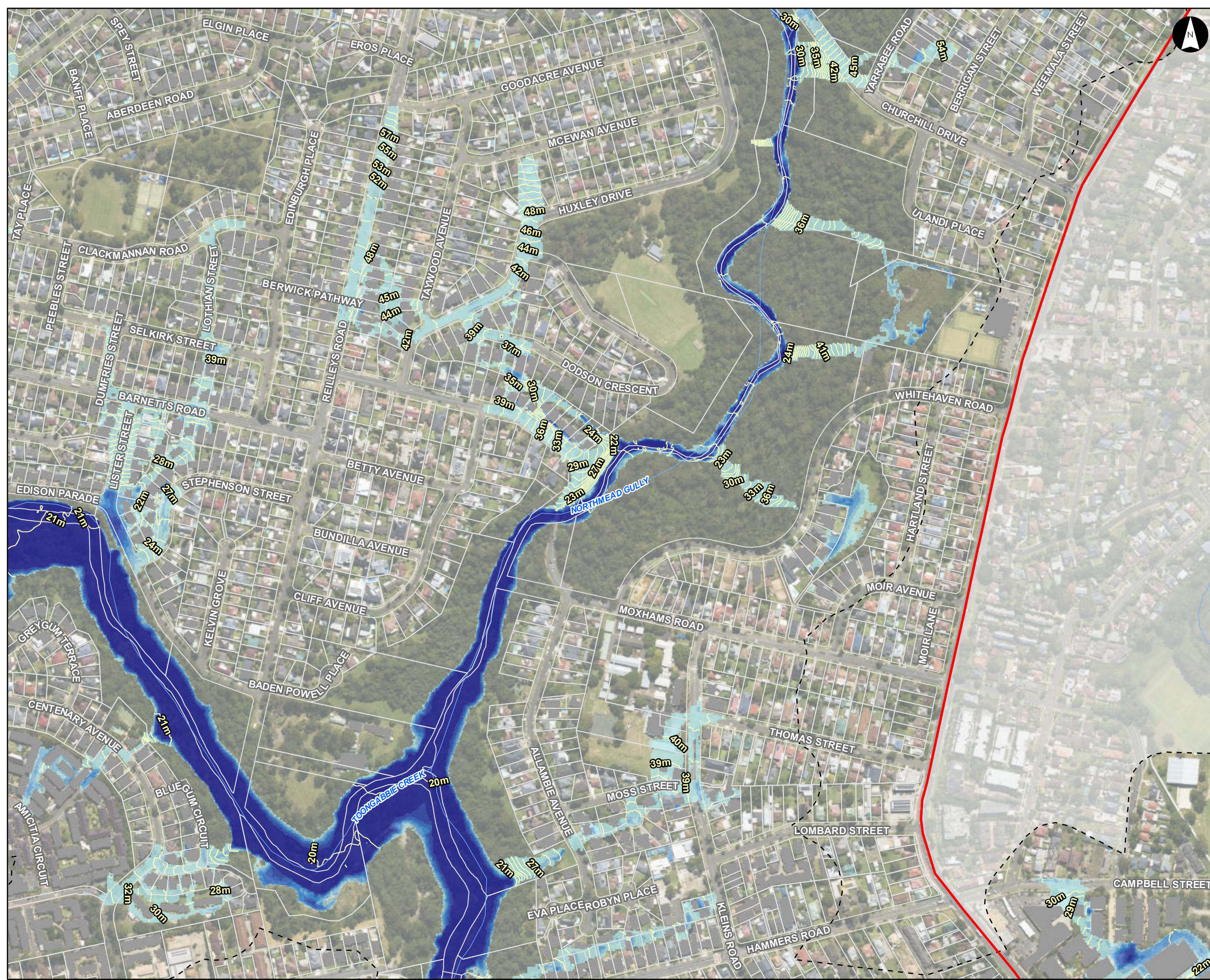
Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

References:  
1. Base data supplied by NSW SS and Esri  
2. Aerial imagery supplied by MetroMap  
3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

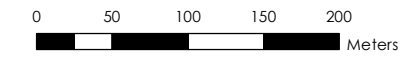
**Legend**

- Study Area
  - Watercourse
  - 1m Flood Level Contour (mAHD)
  - Cadastre
  - Building Footprint
  - Tuflo Model Extent
- MN-20% Flood Depth (m)**
- 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.8**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

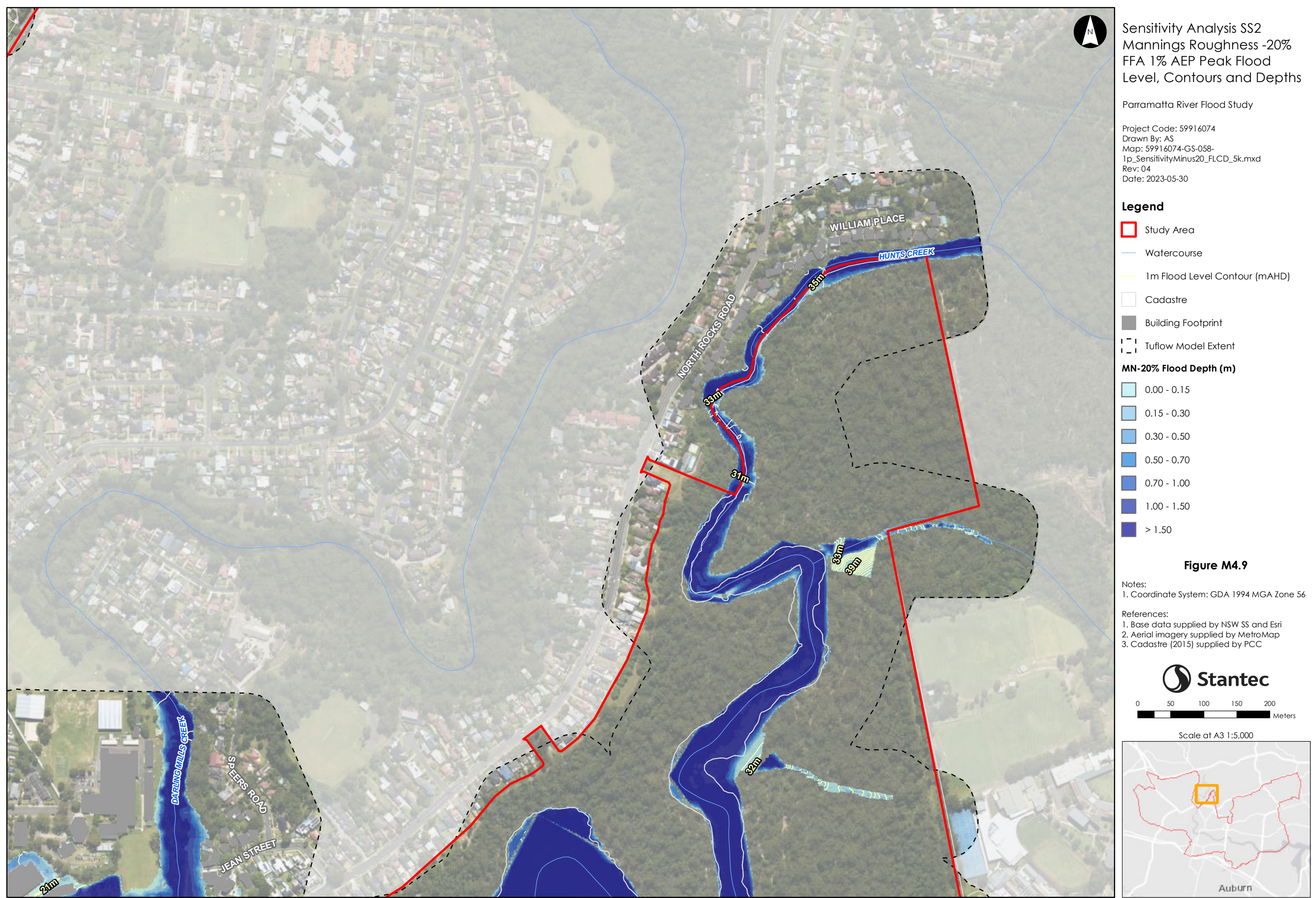
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000







Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

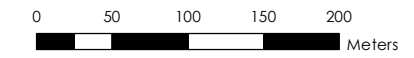
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

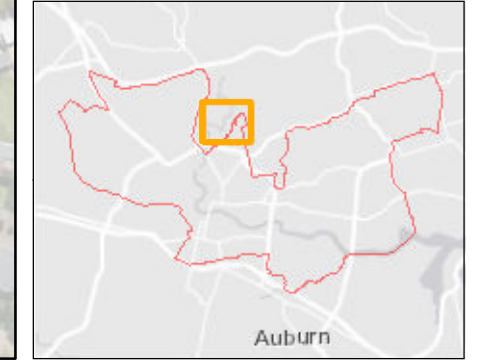
**Figure M4.9**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

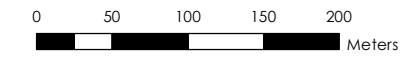
### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent
- MN-20% Flood Depth (m)**
  - 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.10**

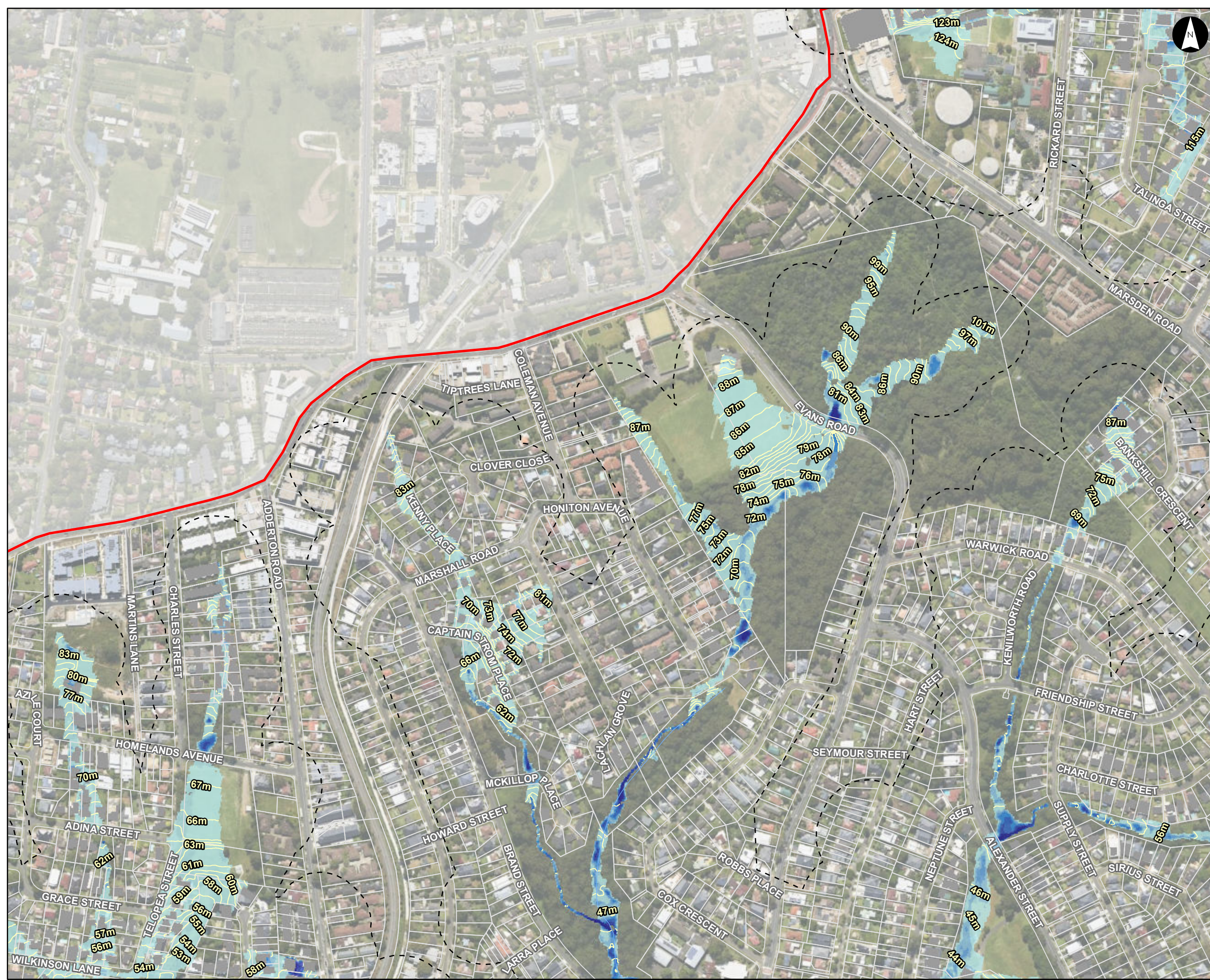
Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

- References:
- 1. Base data supplied by NSW SS and Esri
  - 2. Aerial imagery supplied by MetroMap
  - 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

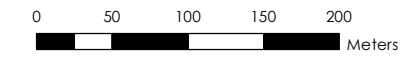
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.11**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

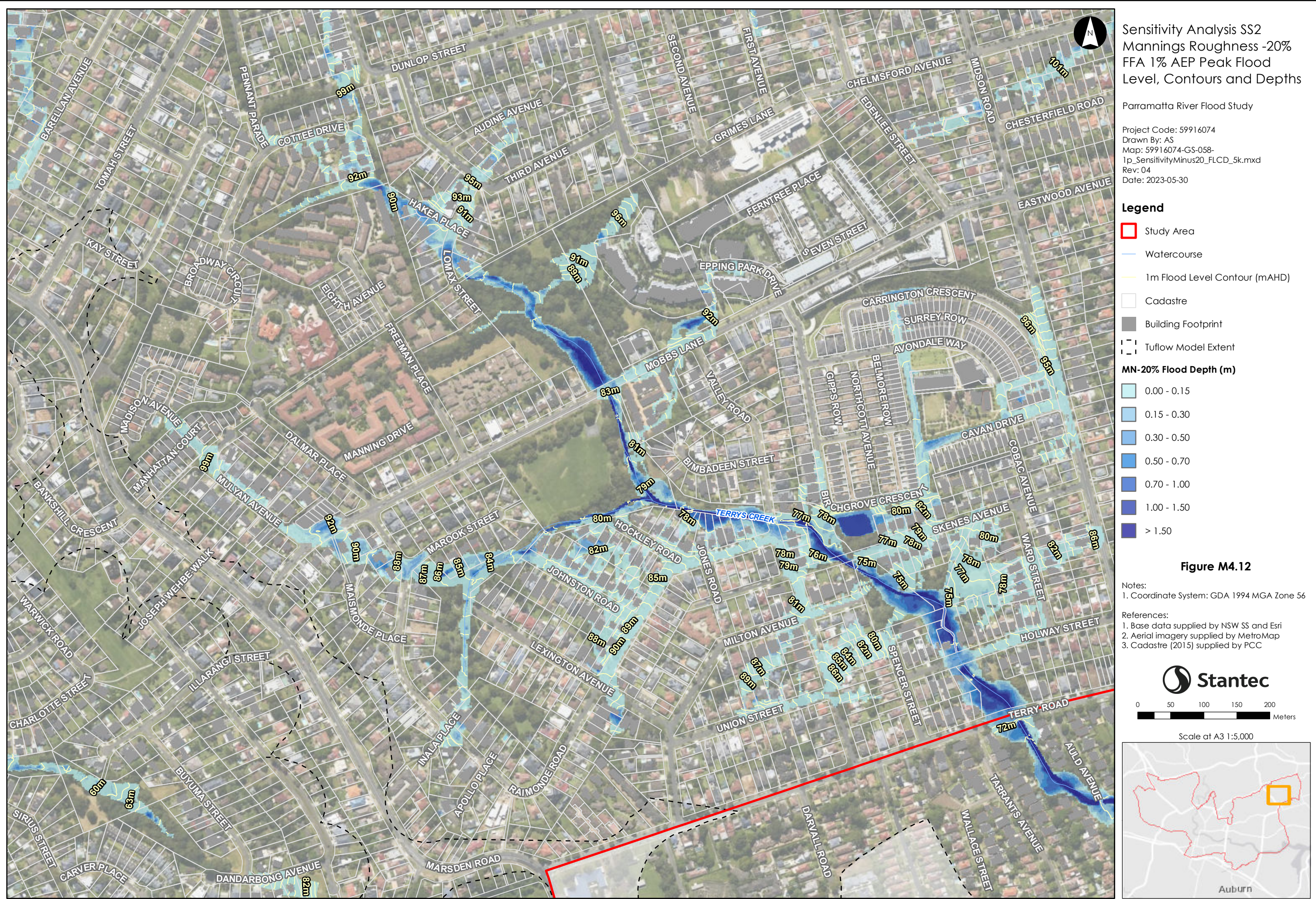
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



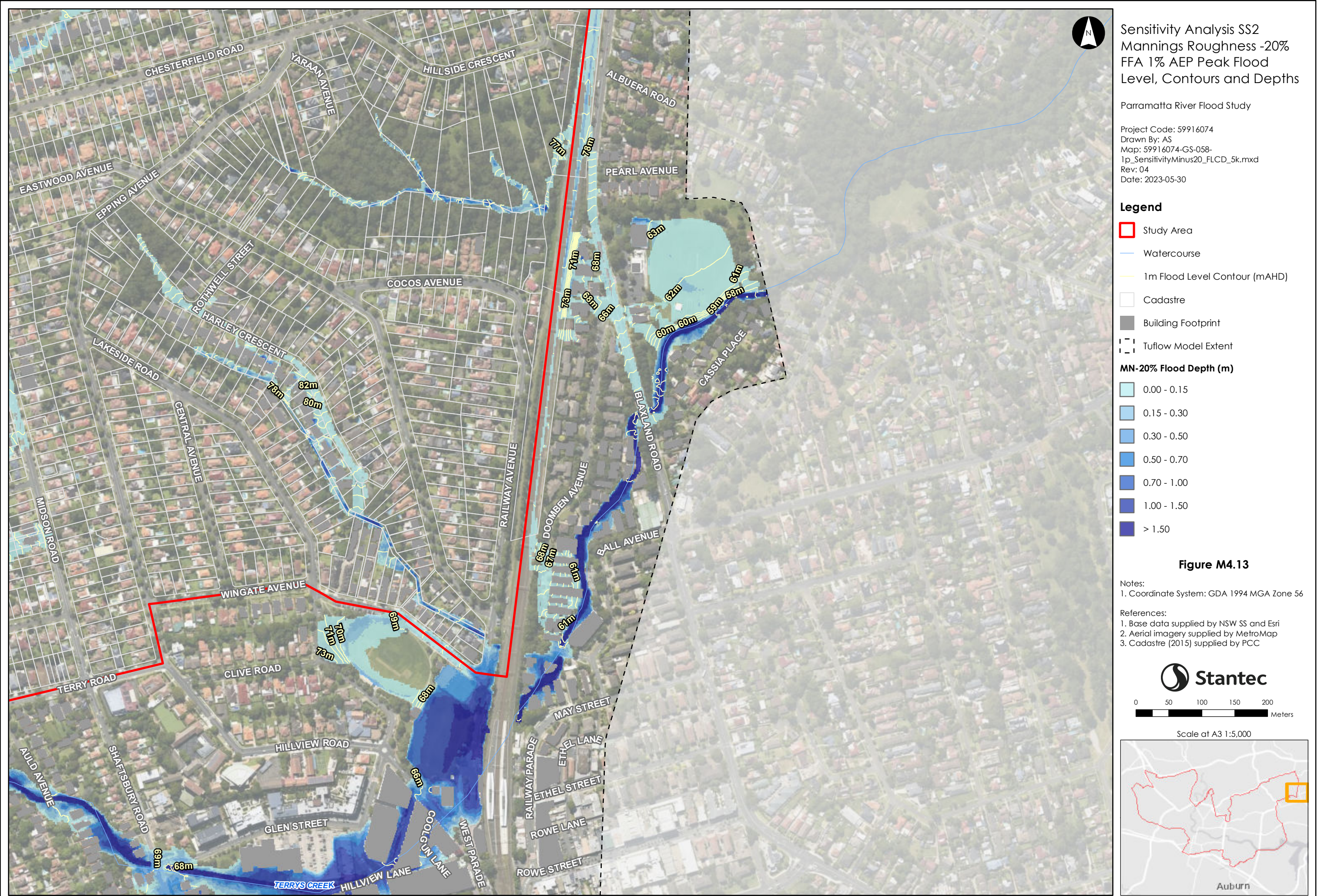
Scale at A3 1:5,000



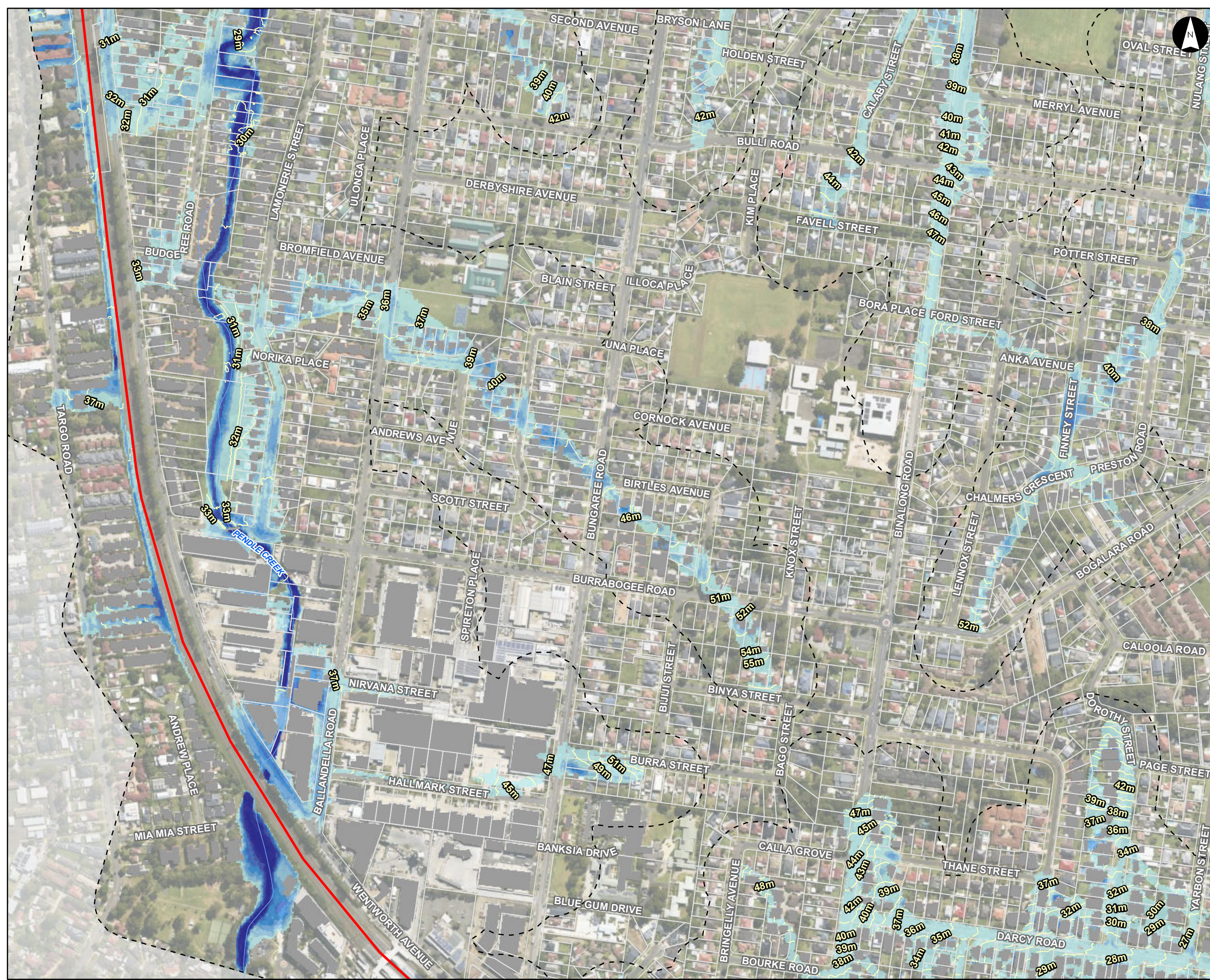
This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

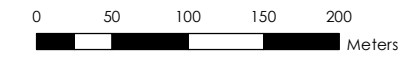
### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastrate
- Building Footprint
- Tuflo Model Extent
- MN-20% Flood Depth (m)**
  - 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

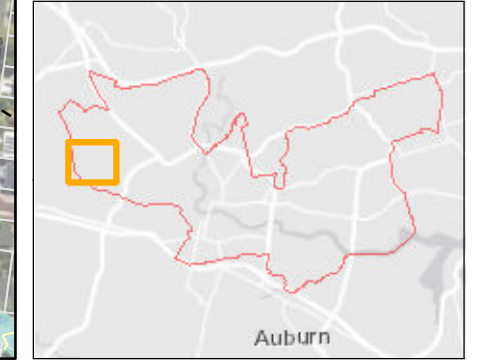
Figure M4.14

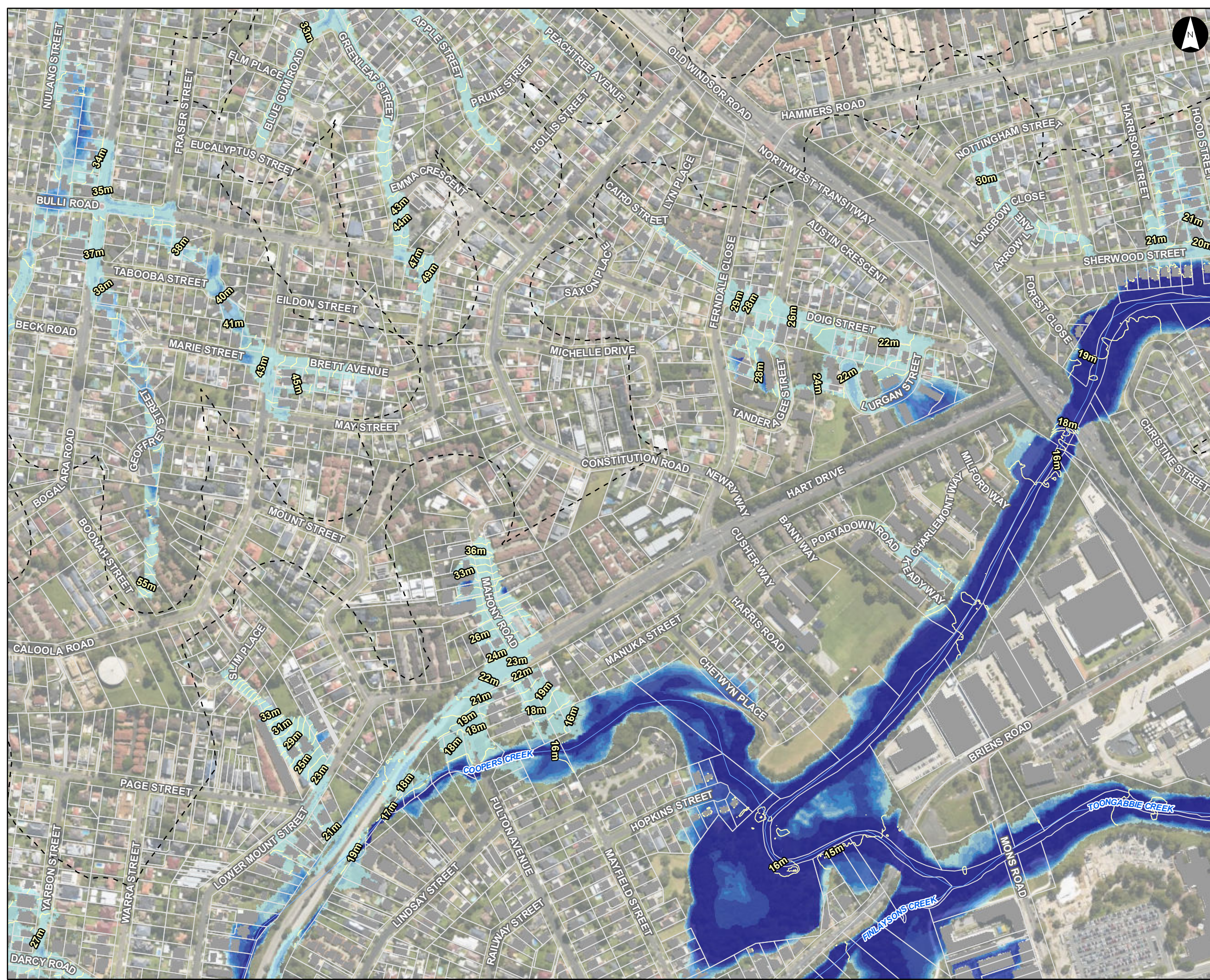
Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

References:  
1. Base data supplied by NSW SS and Esri  
2. Aerial imagery supplied by MetroMap  
3. Cadastrate (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study  
 Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

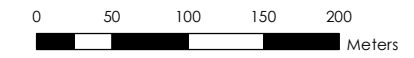
**Legend**

- Study Area
  - Watercourse
  - 1m Flood Level Contour (mAHD)
  - Cadastre
  - Building Footprint
  - Tuflow Model Extent
- MN-20% Flood Depth (m)**
- 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

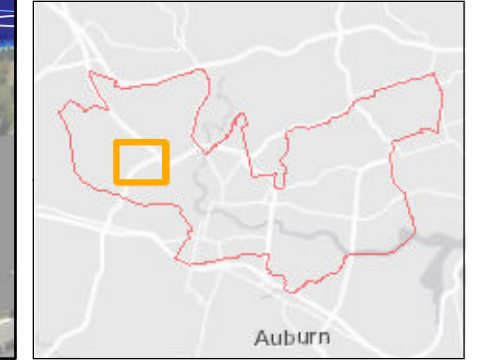
**Figure M4.15**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

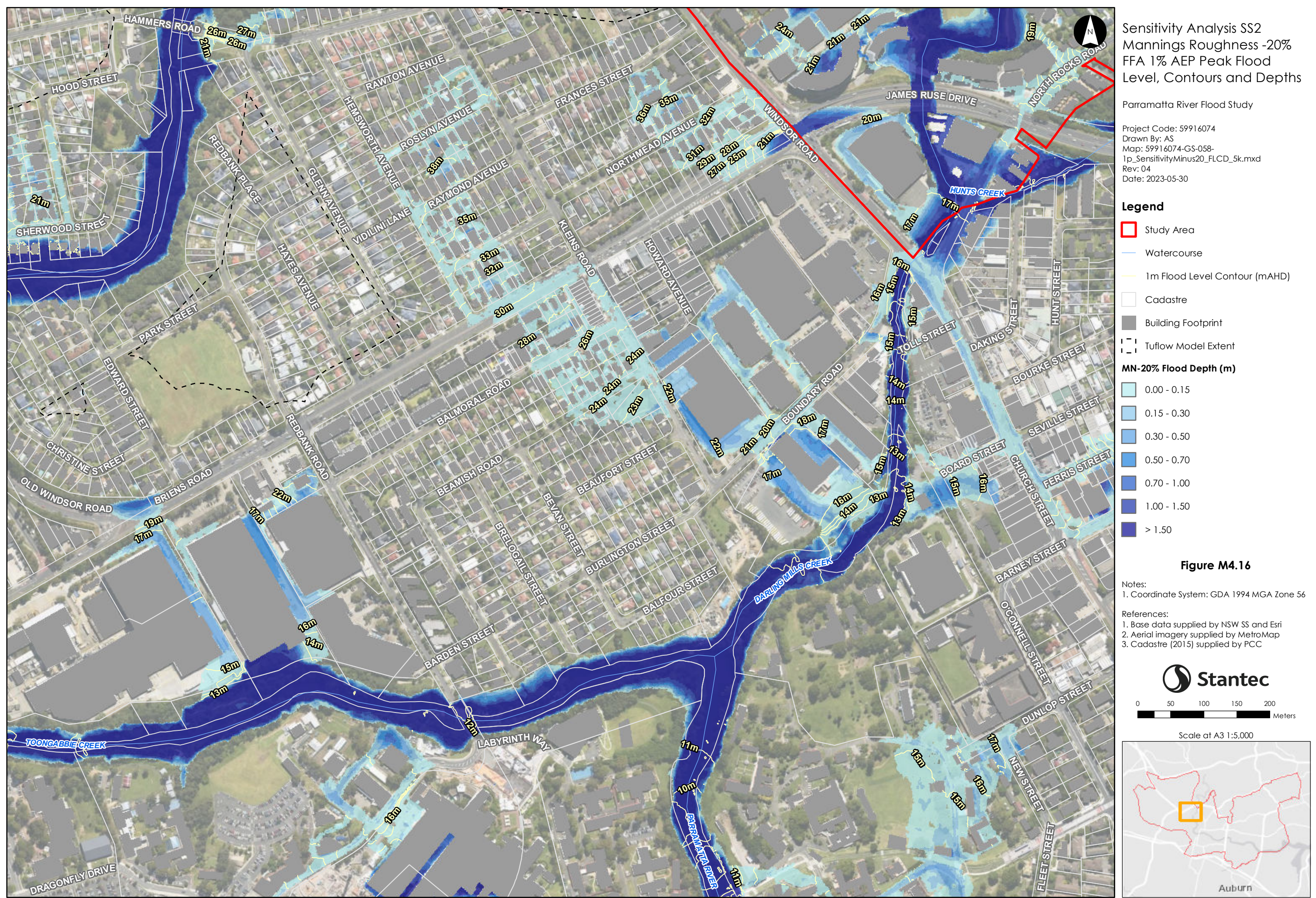
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tufflow Model Extent

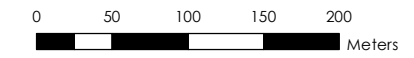
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.16**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC

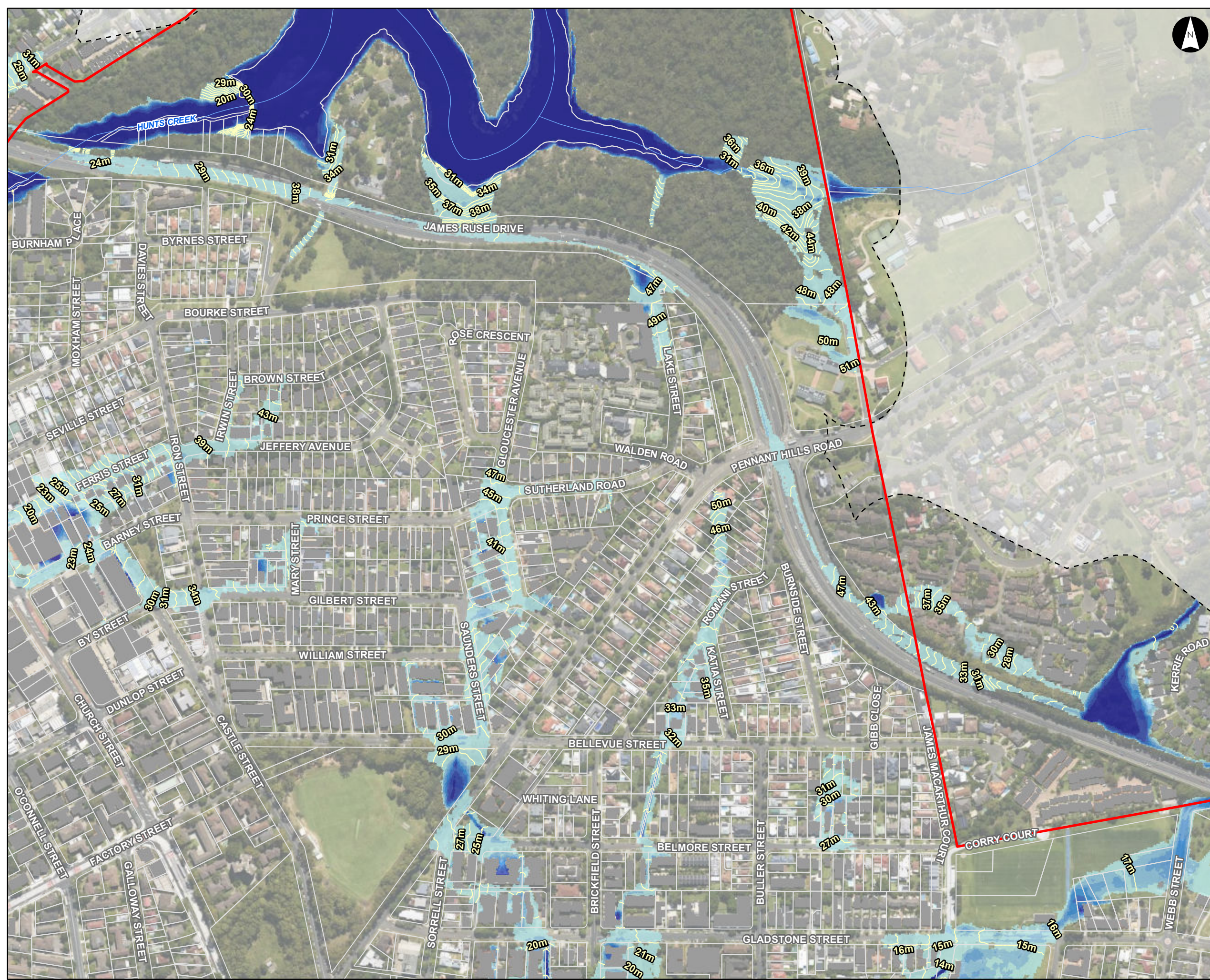


Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study  
 Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

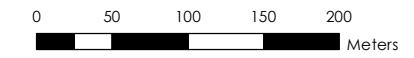
### Legend

- Study Area
  - Watercourse
  - 1m Flood Level Contour (mAHD)
  - Cadastre
  - Building Footprint
  - Tuflow Model Extent
- MN-20% Flood Depth (m)**
- 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.17**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study  
 Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tufflow Model Extent

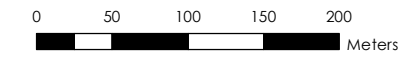
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.19**

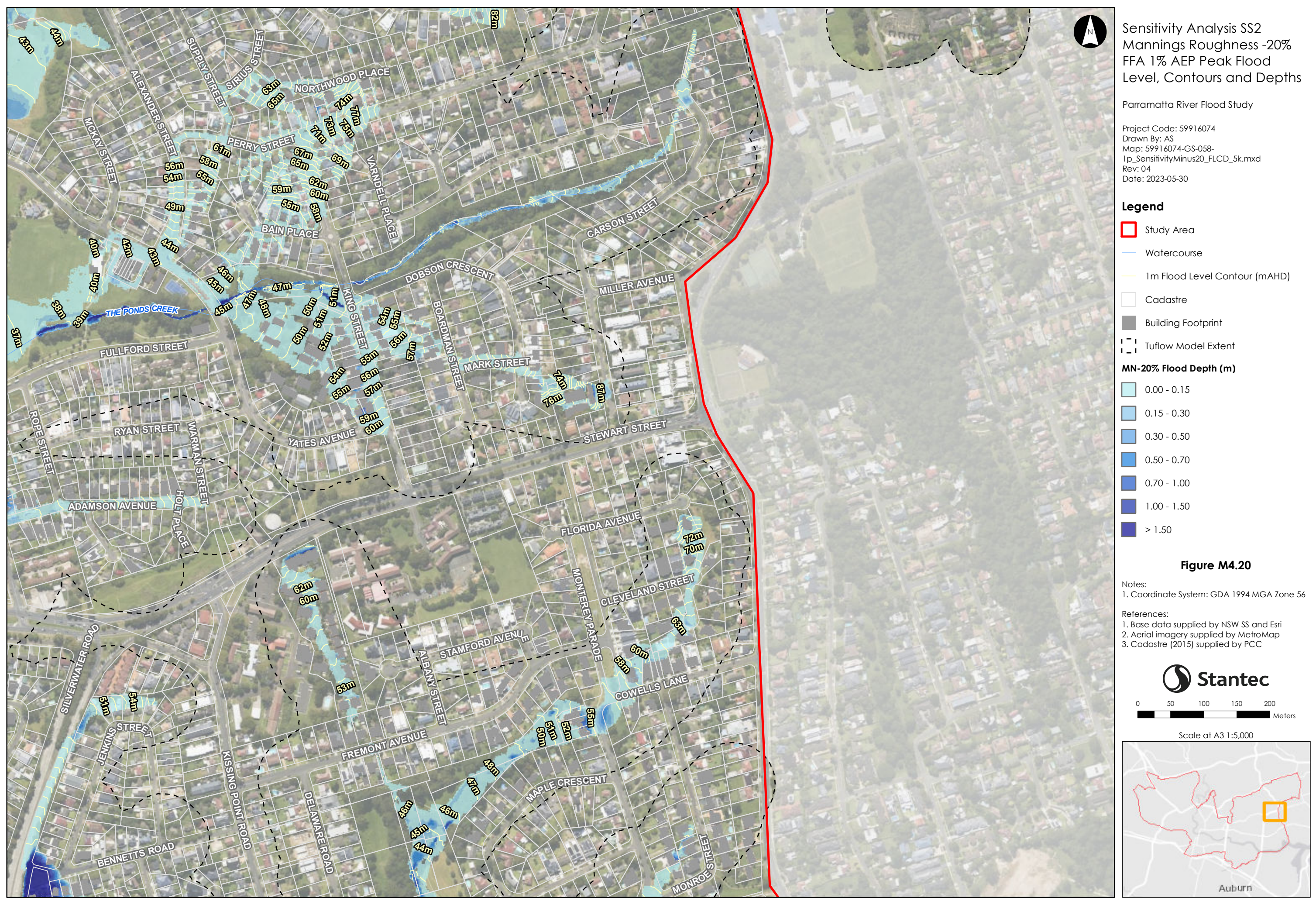
Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

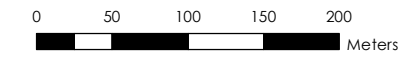
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

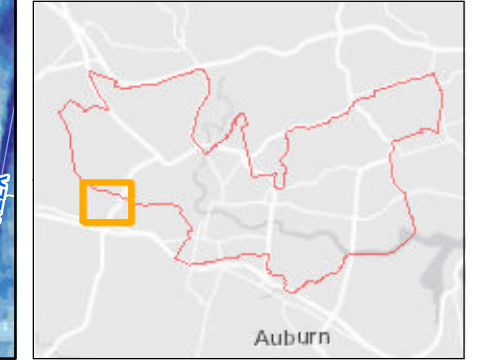
**Figure M4.21**

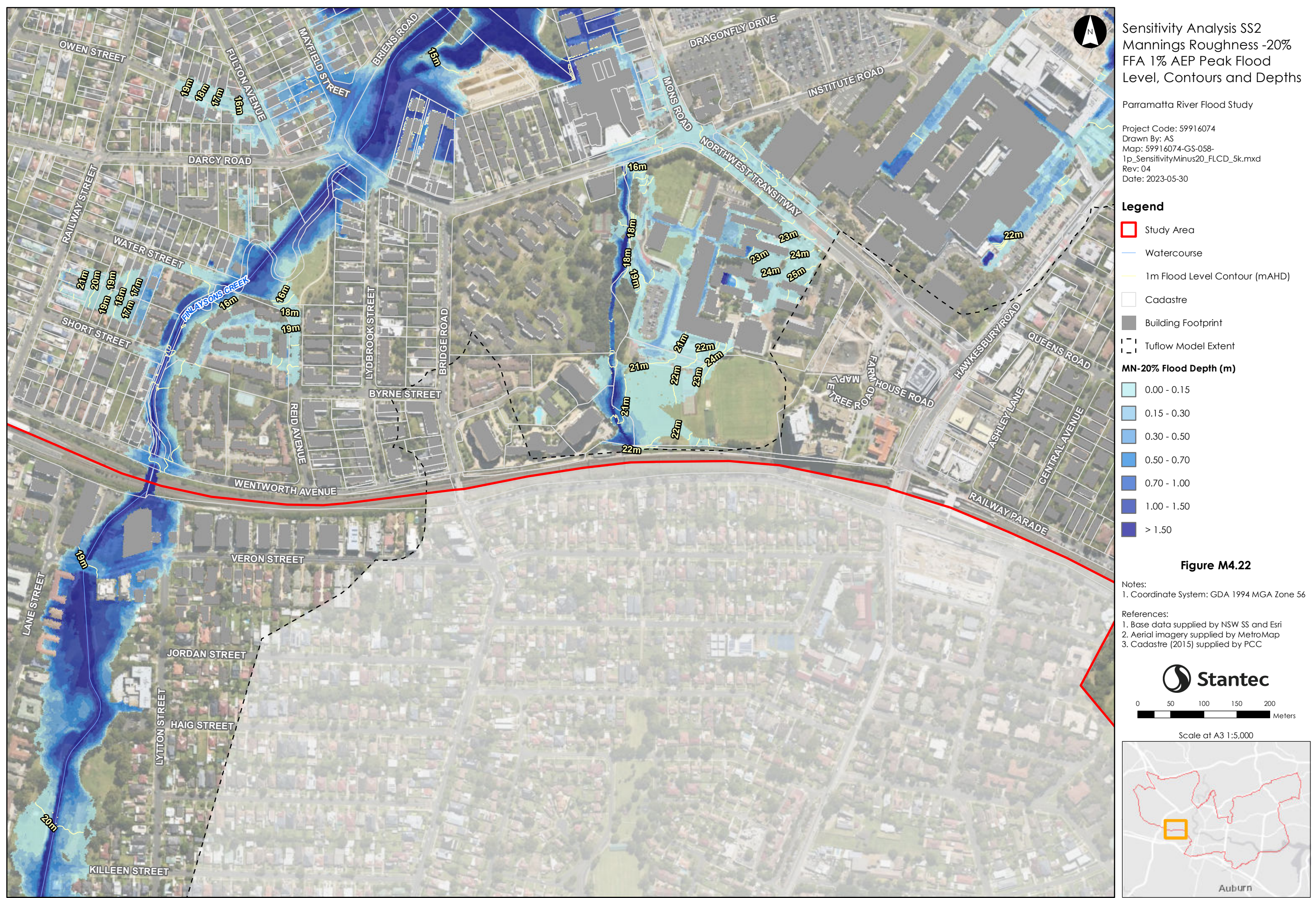
Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





**Sensitivity Analysis SS2**  
**Mannings Roughness -20%**  
**FFA 1% AEP Peak Flood**  
**Level, Contours and Depths**

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

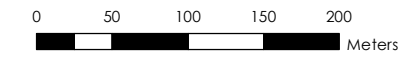
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.22**

**Notes:**  
 1. Coordinate System: GDA 1994 MGA Zone 56

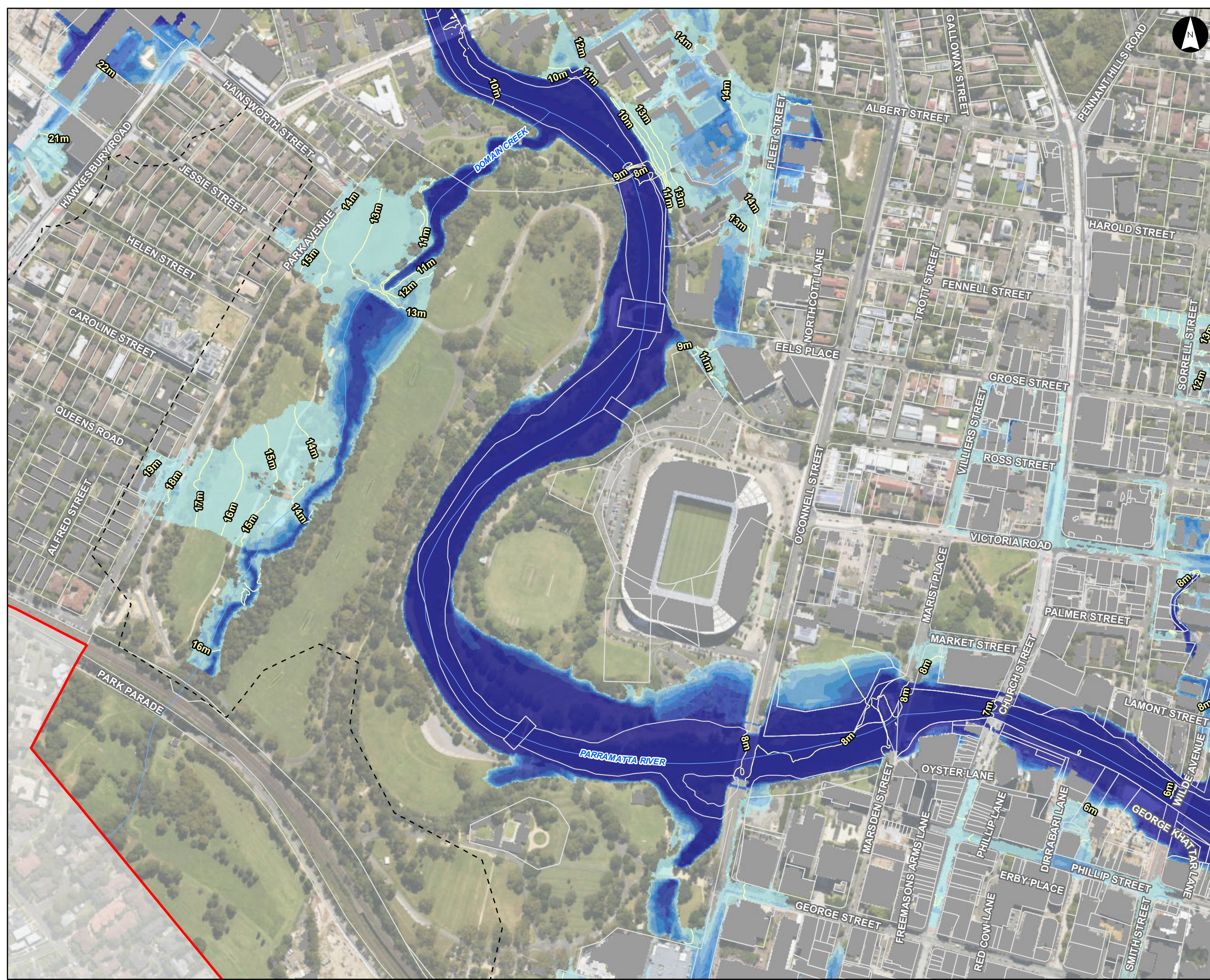
**References:**  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tufflow Model Extent

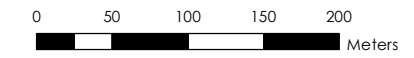
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

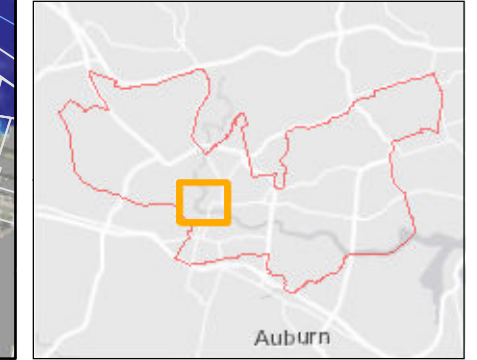
**Figure M4.23**

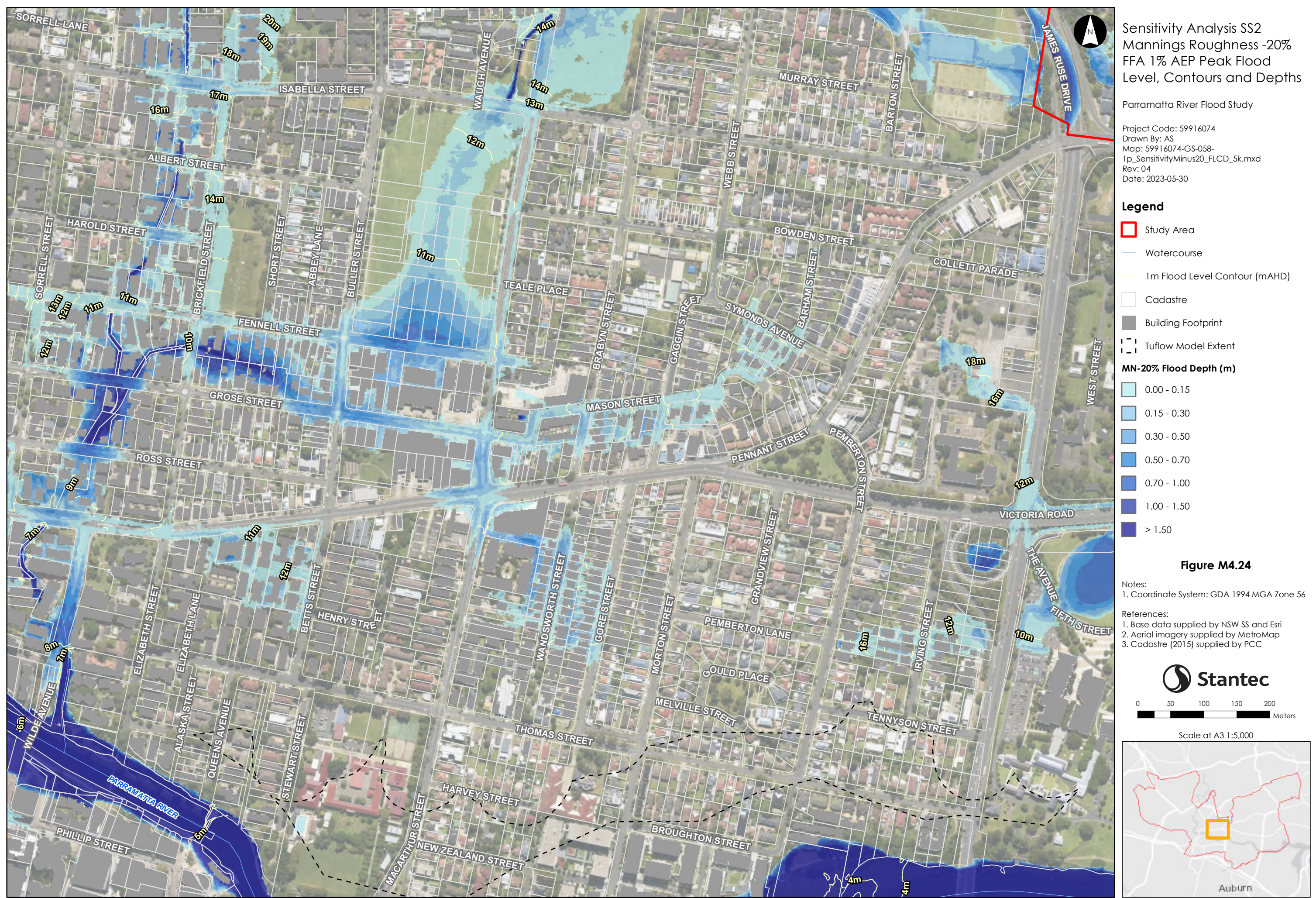
Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

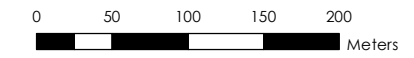
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

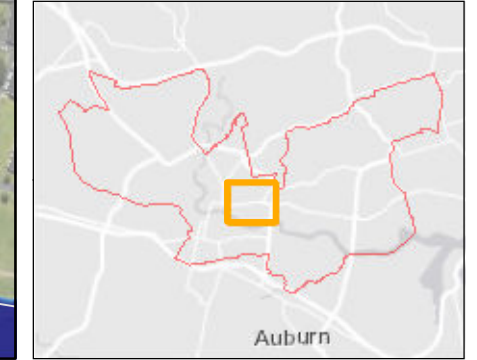
**Figure M4.24**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

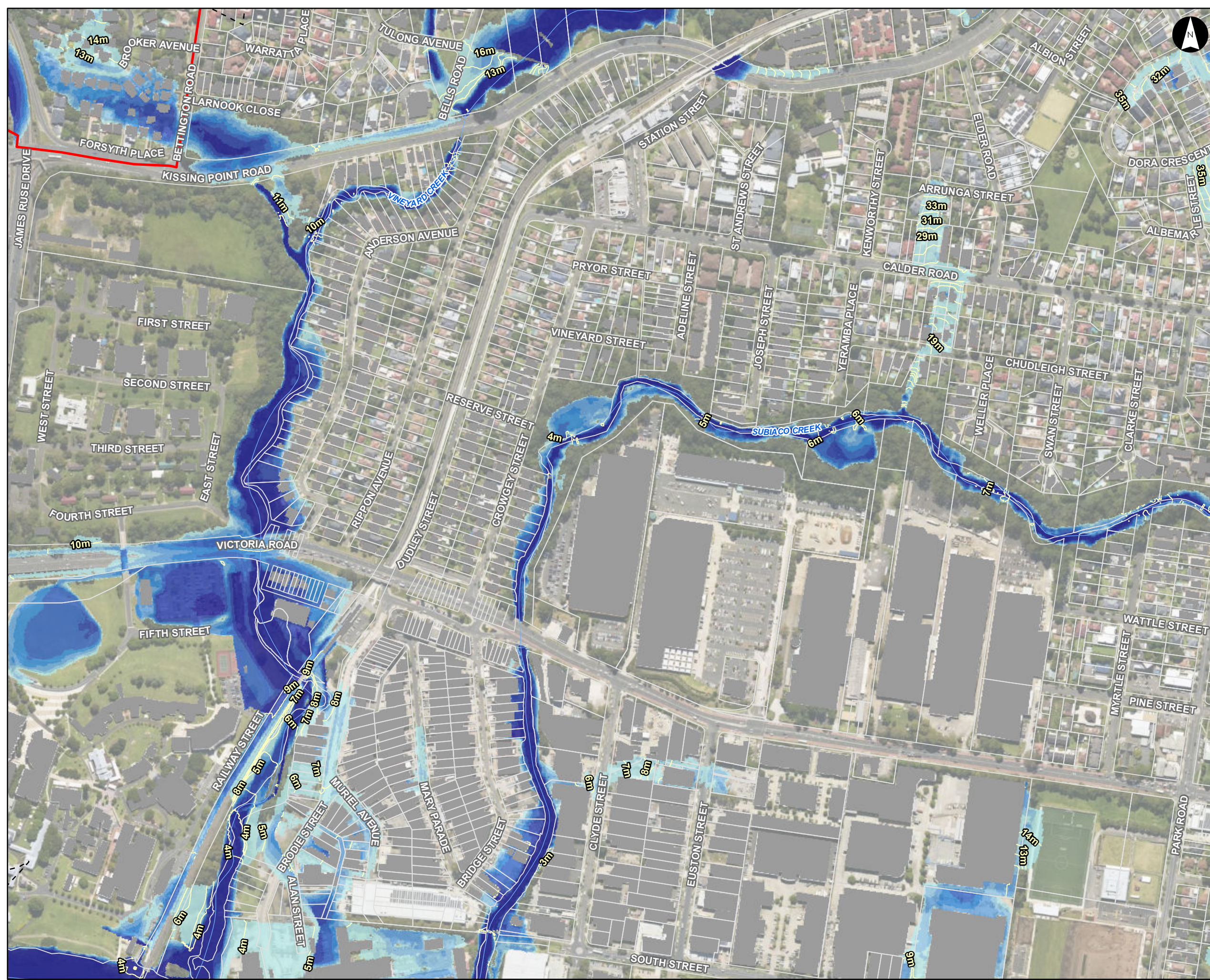
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000







Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

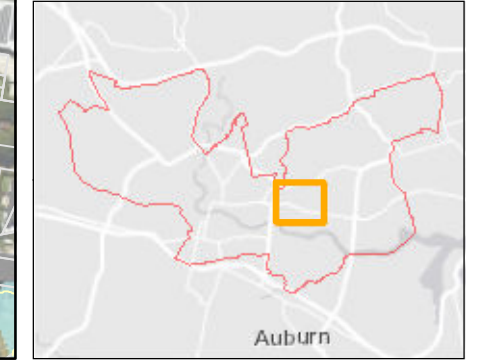
**Figure M4.25**

Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

References:  
1. Base data supplied by NSW SS and Esri  
2. Aerial imagery supplied by MetroMap  
3. Cadastre (2015) supplied by PCC

0 50 100 150 200 Meters

Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

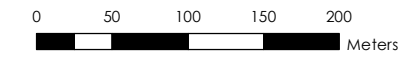
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.26**

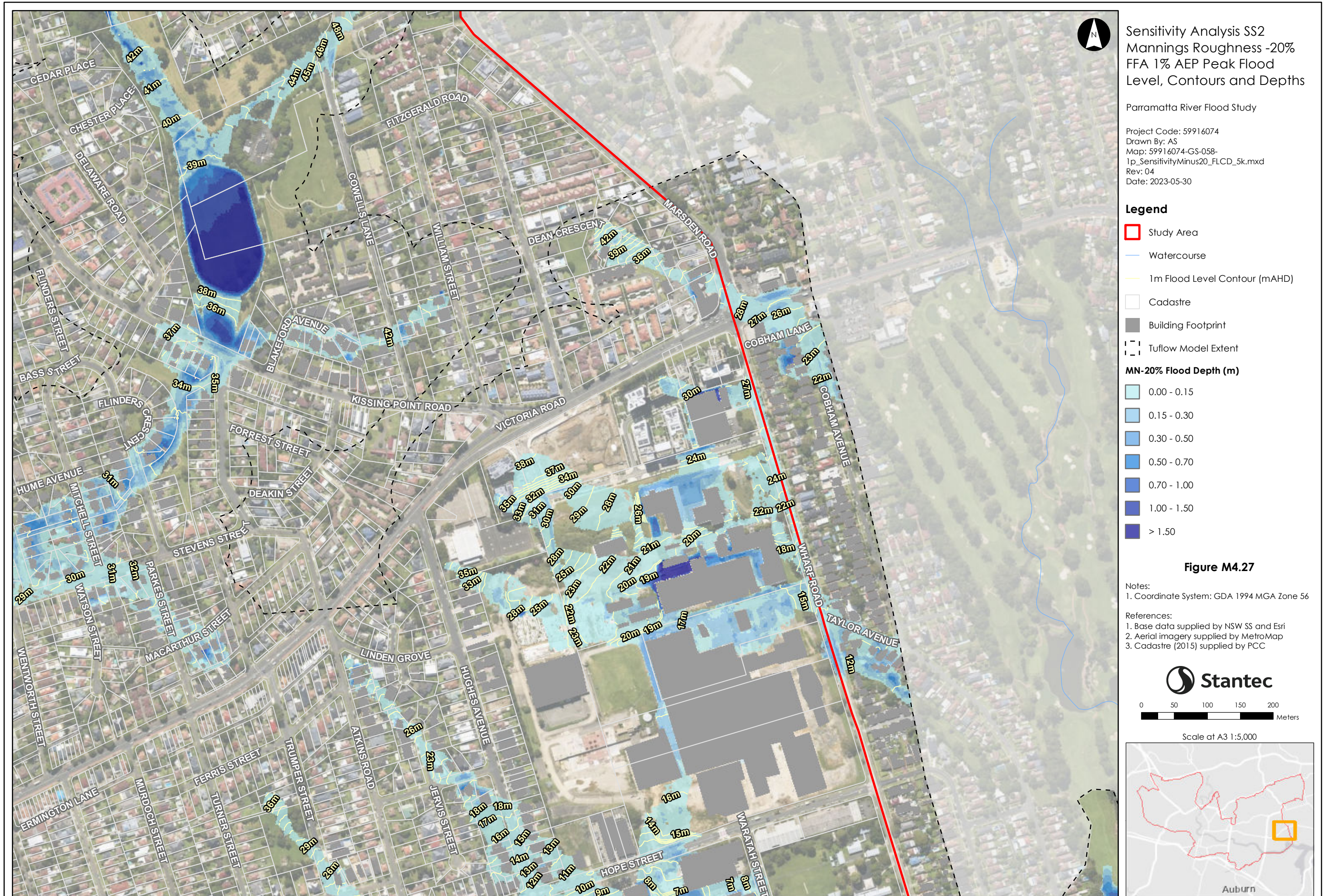
Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

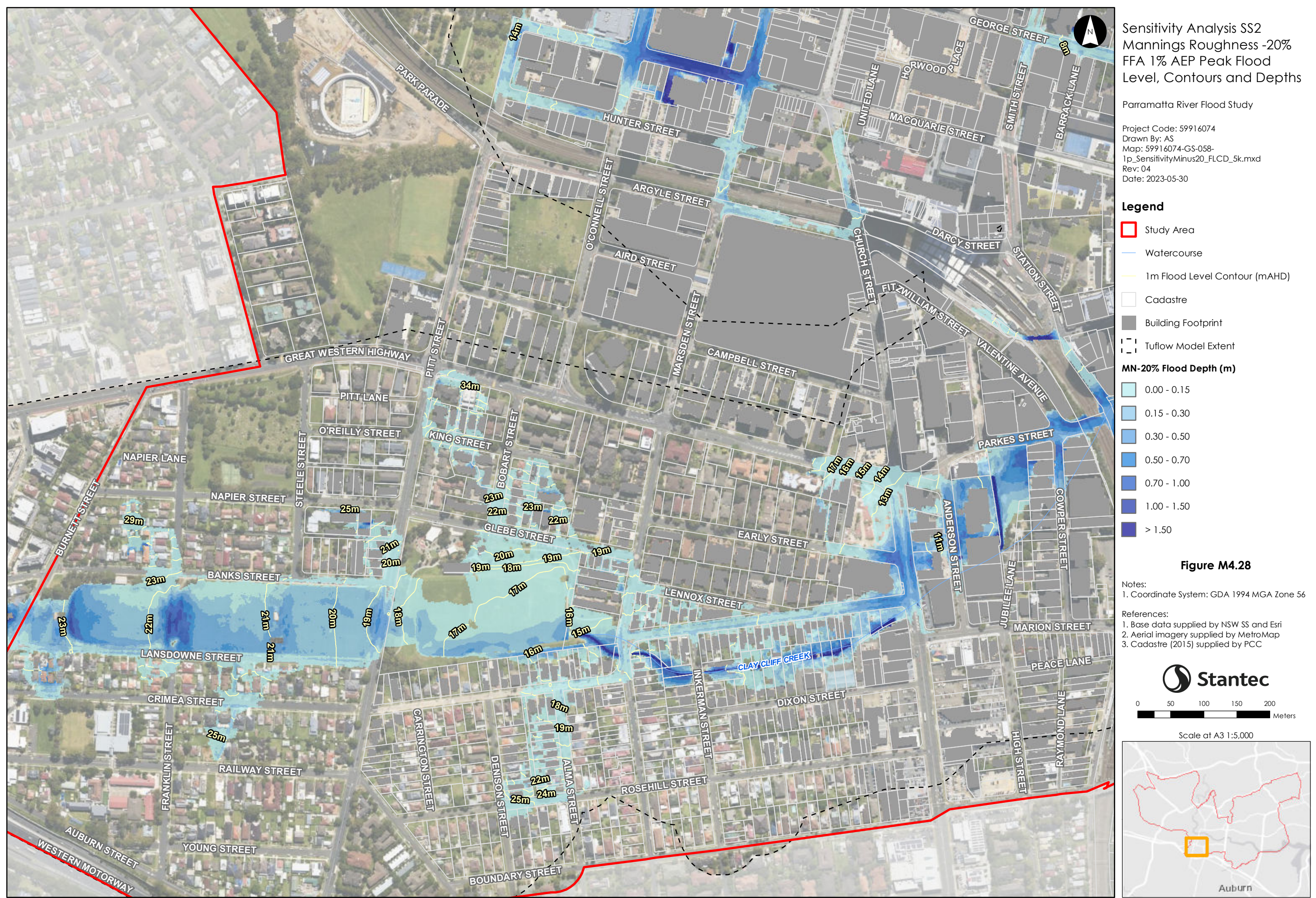
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



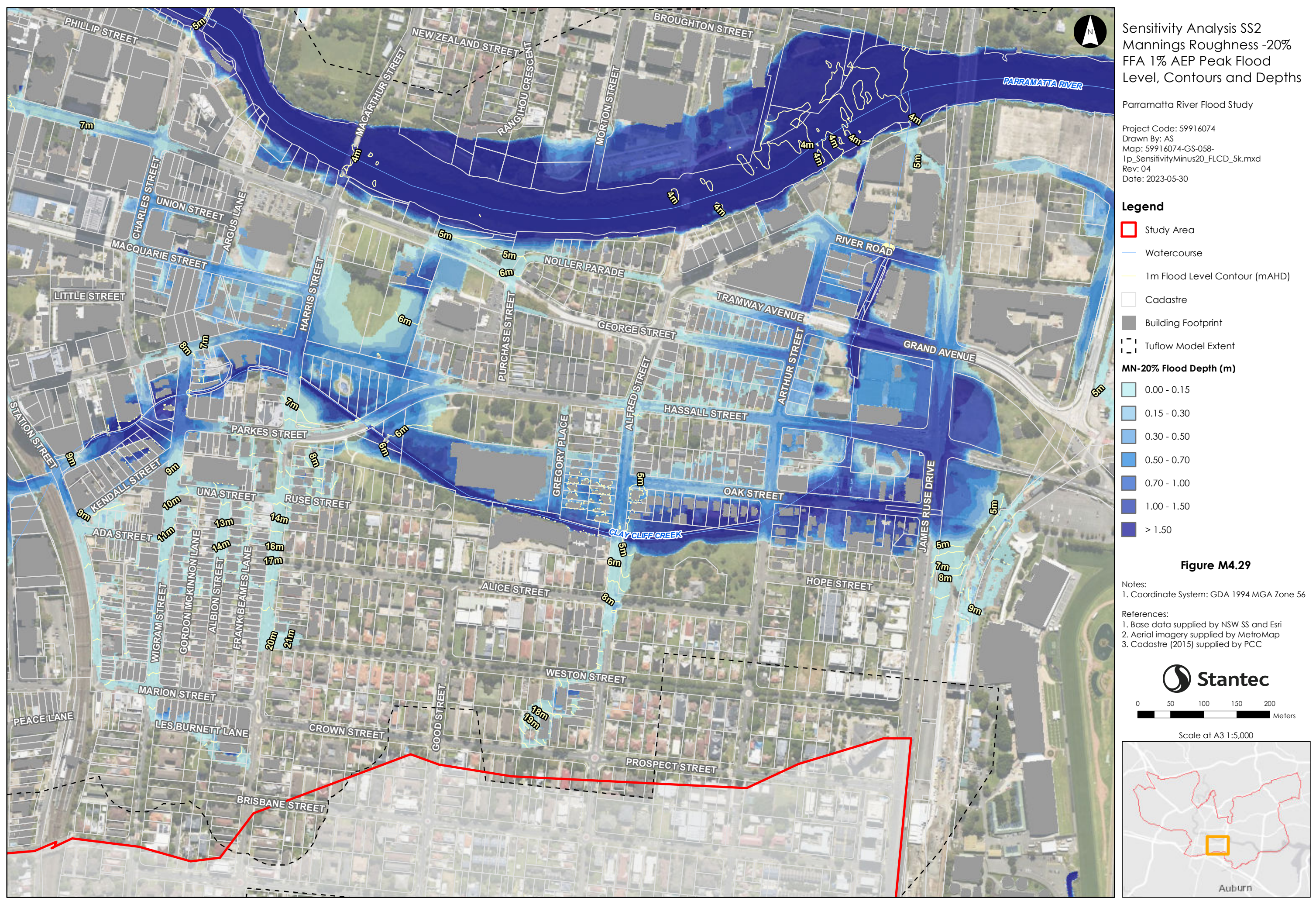
Scale at A3 1:5,000







This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

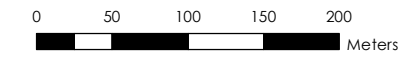
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

**Figure M4.29**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

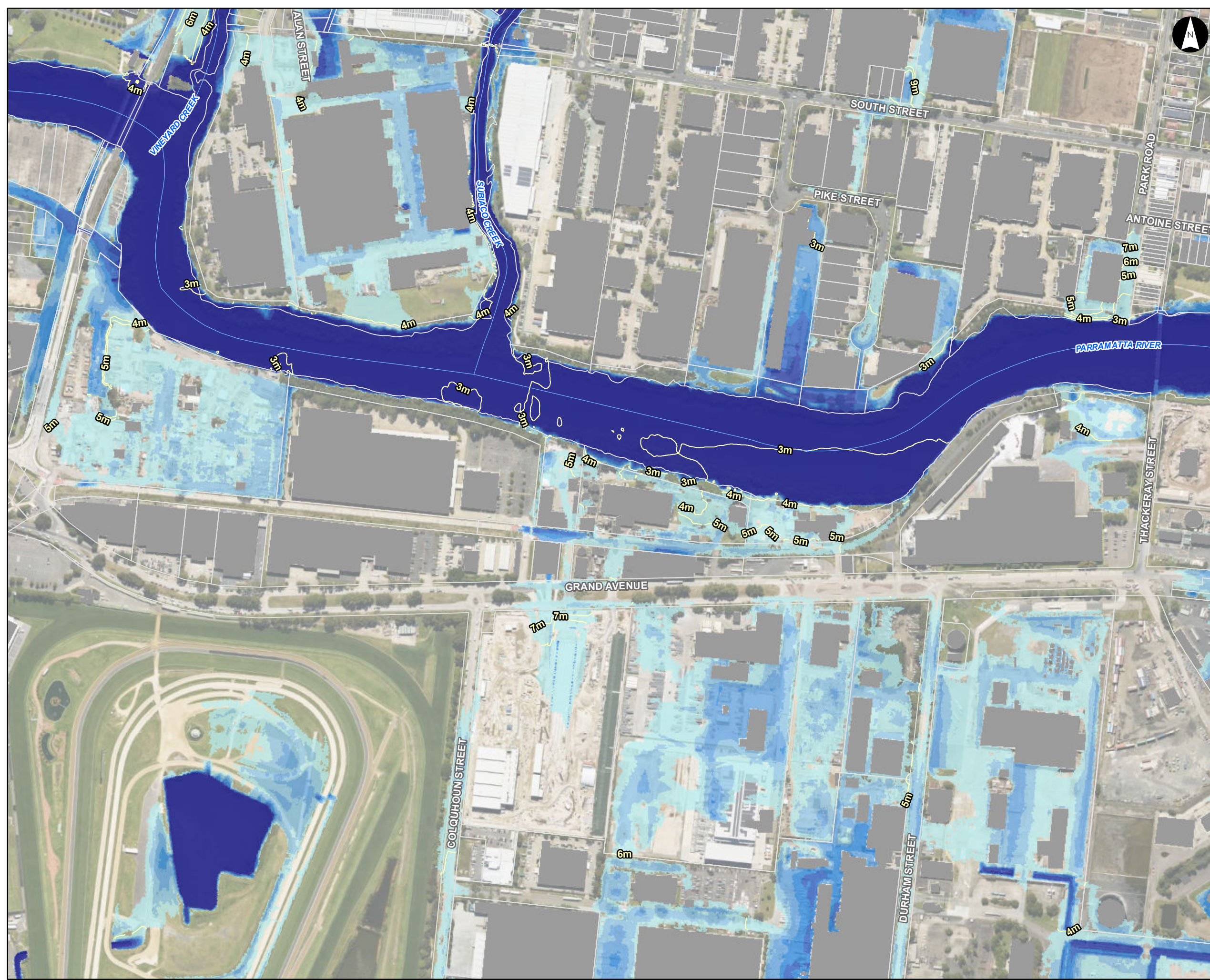
References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tufflow Model Extent

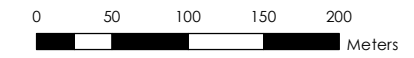
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

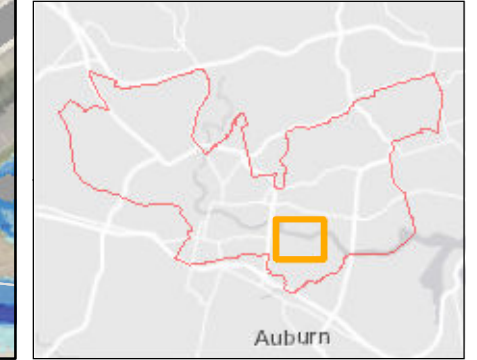
**Figure M4.30**

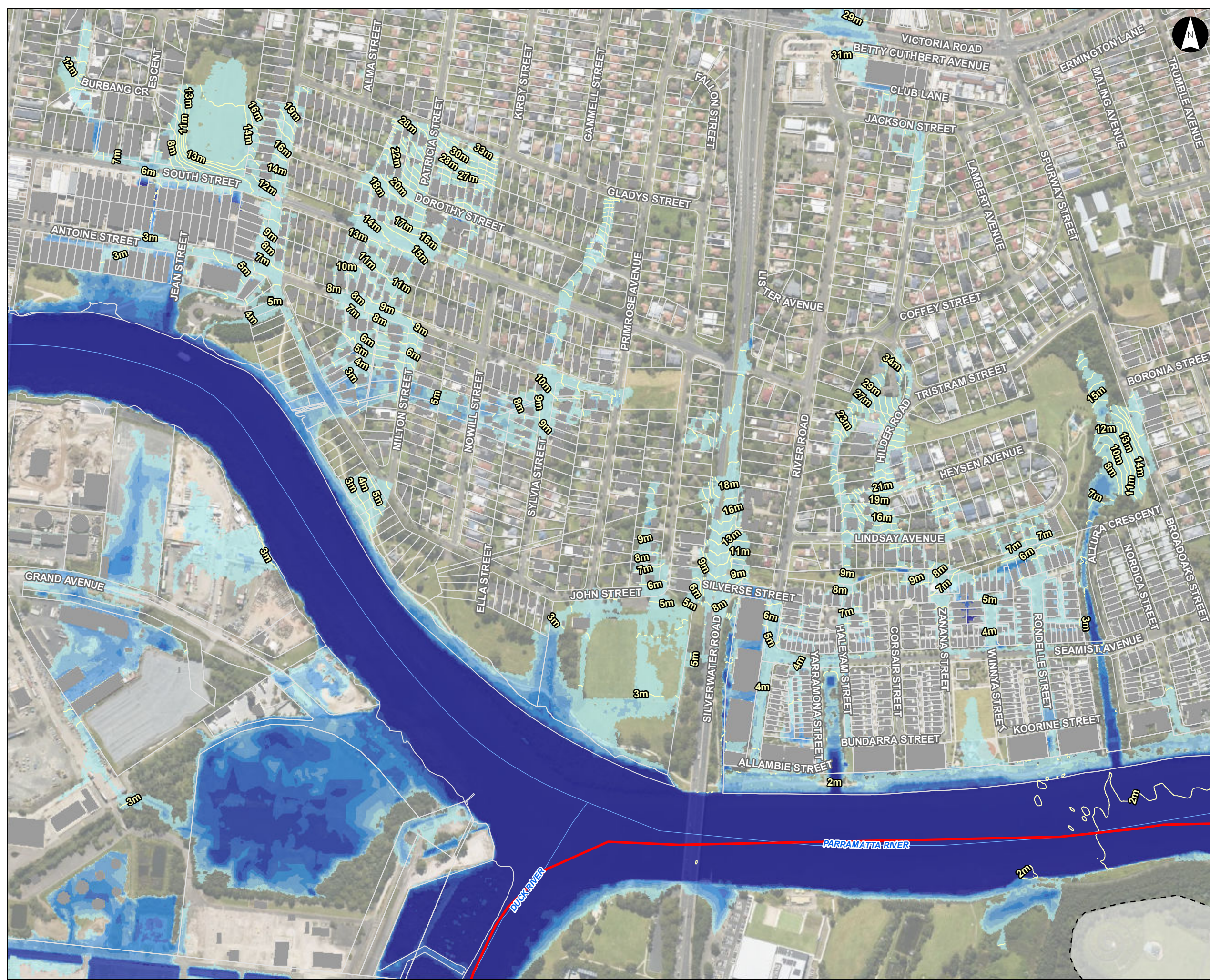
Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

- References:
1. Base data supplied by NSW SS and Esri
  2. Aerial imagery supplied by MetroMap
  3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000





Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study  
Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastr
- Building Footprint
- Tuflow Model Extent

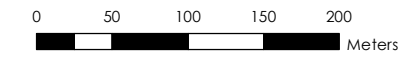
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

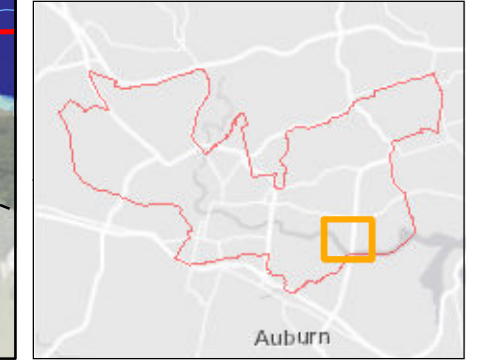
**Figure M4.31**

Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

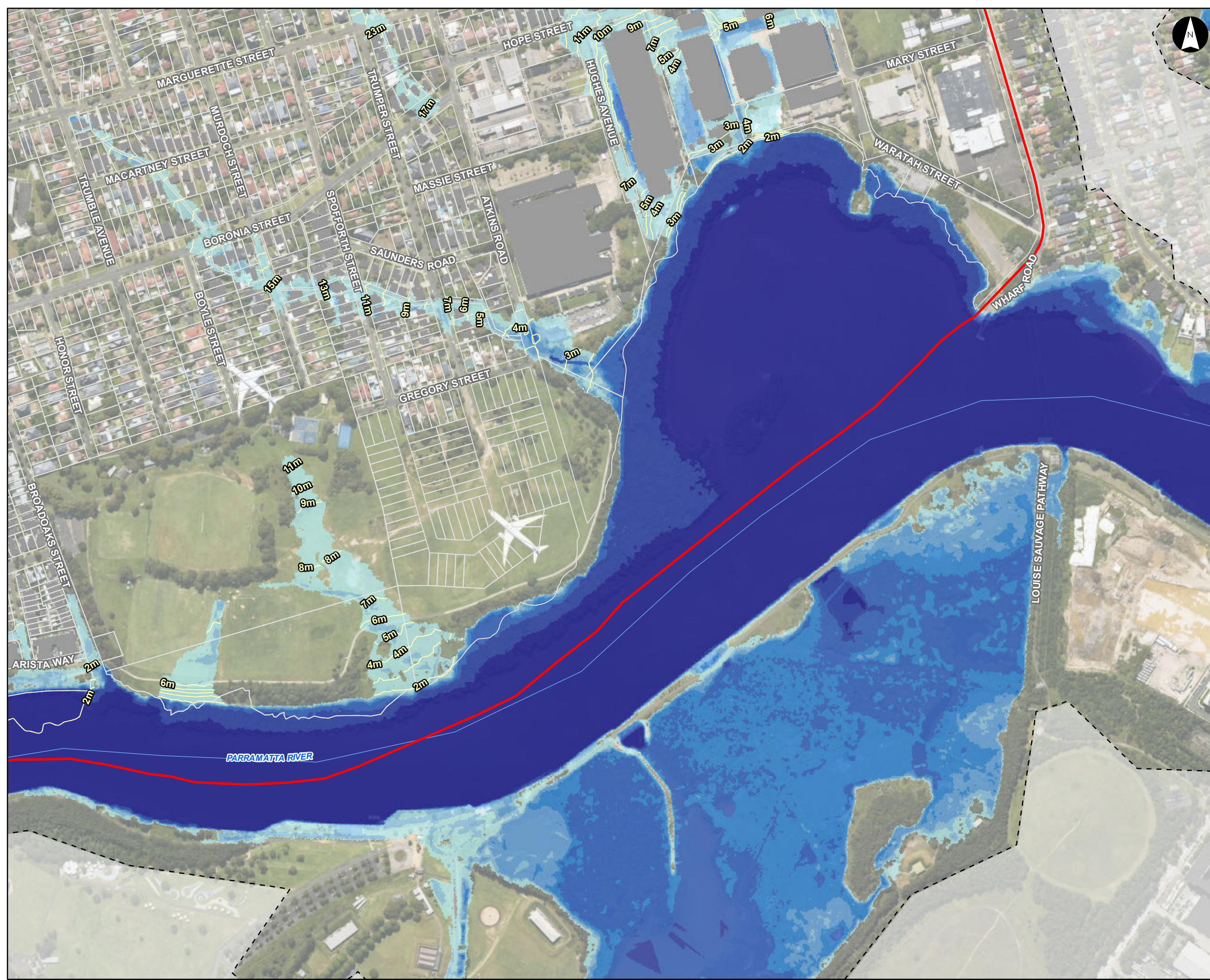
References:  
1. Base data supplied by NSW SS and Esri  
2. Aerial imagery supplied by MetroMap  
3. Cadastr (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Sensitivity Analysis SS2  
Mannings Roughness -20%  
FFA 1% AEP Peak Flood  
Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
Drawn By: AS  
Map: 59916074-GS-058-  
1p\_SensitivityMinus20\_FLCD\_5k.mxd  
Rev: 04  
Date: 2023-05-30

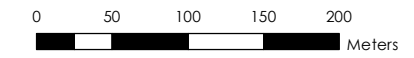
### Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent
- MN-20% Flood Depth (m)**
  - 0.00 - 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 0.70
  - 0.70 - 1.00
  - 1.00 - 1.50
  - > 1.50

**Figure M4.32**

Notes:  
1. Coordinate System: GDA 1994 MGA Zone 56

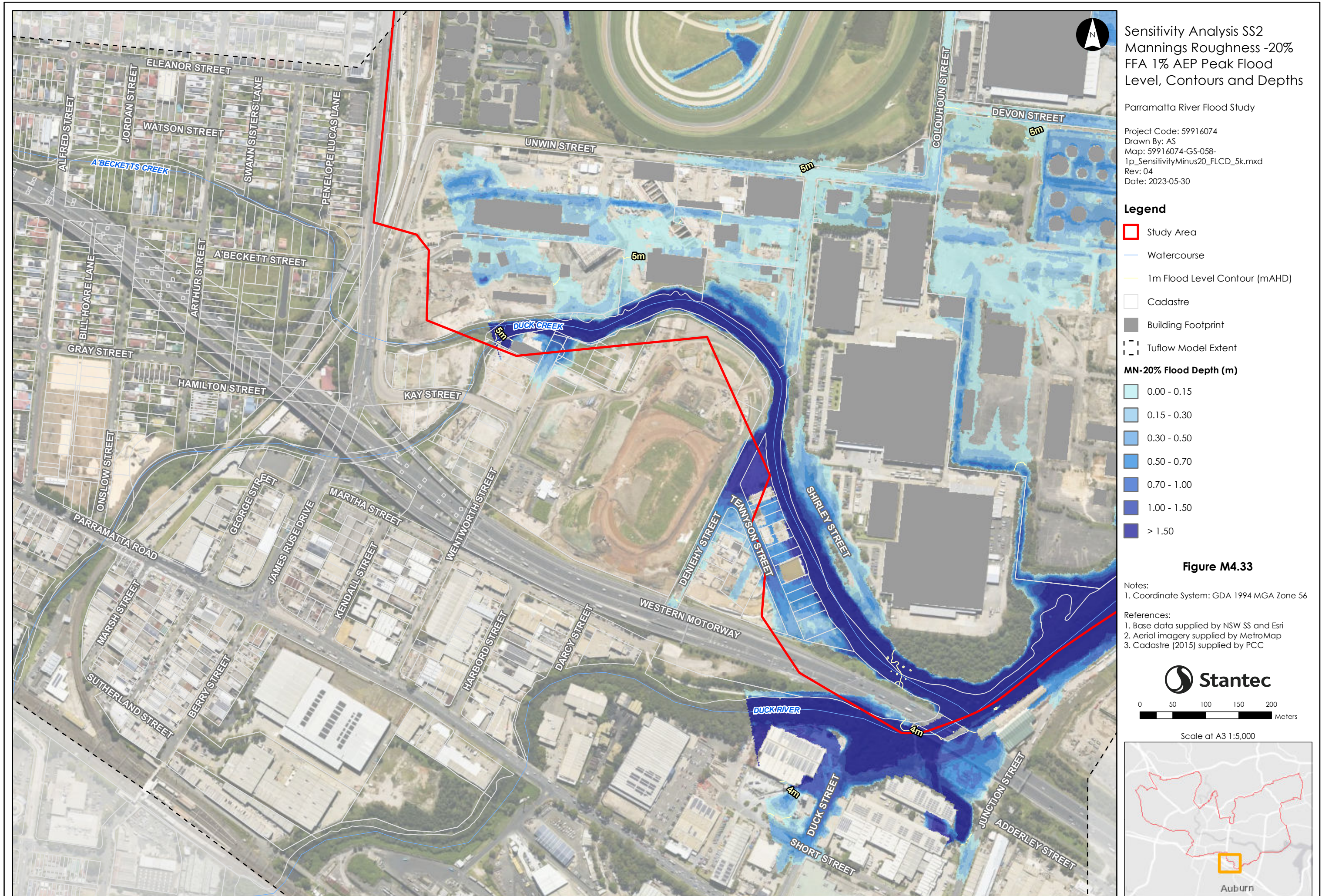
- References:
1. Base data supplied by NSW SS and Esri
  2. Aerial imagery supplied by MetroMap
  3. Cadastre (2015) supplied by PCC

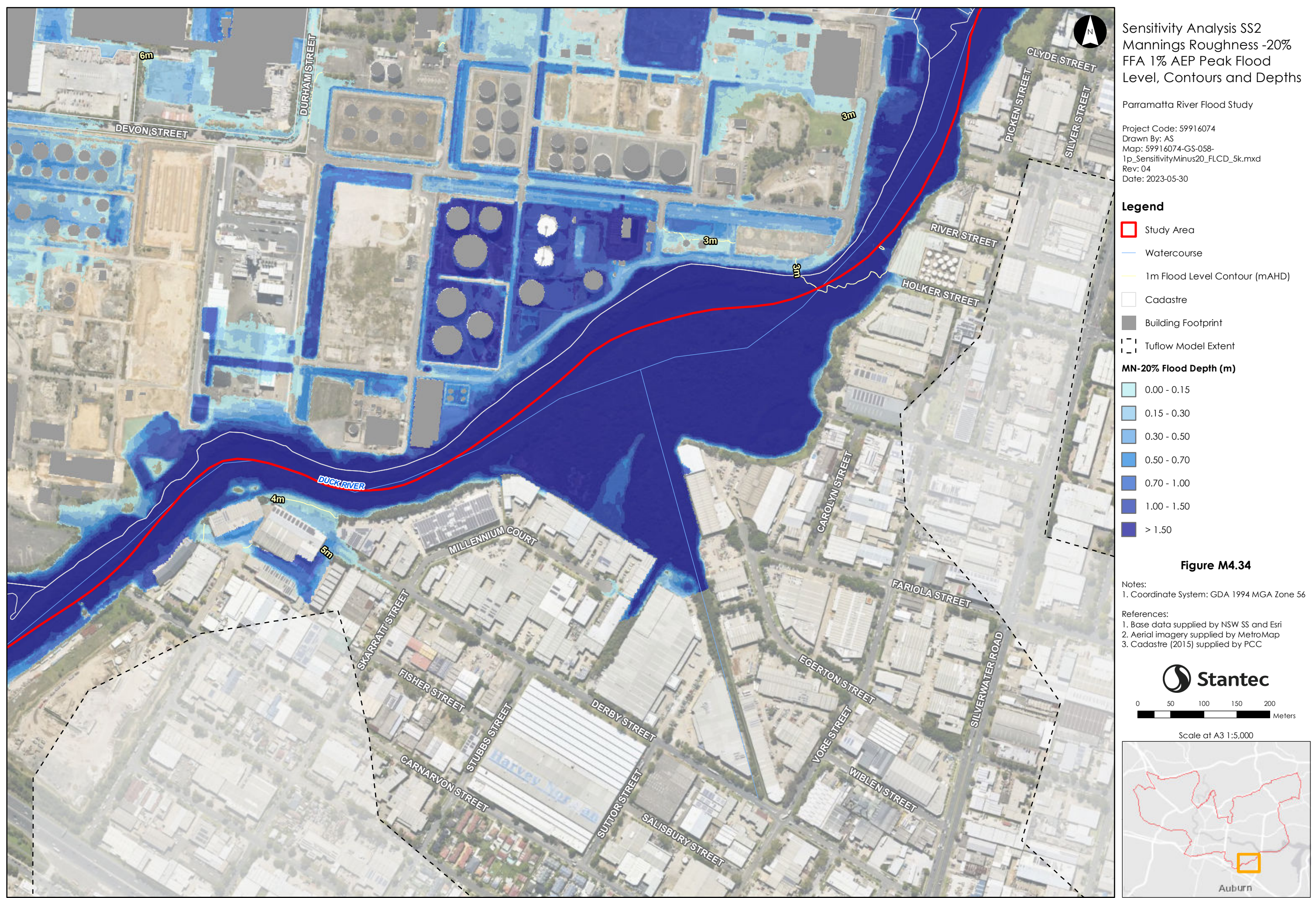


Scale at A3 1:5,000









Sensitivity Analysis SS2  
 Mannings Roughness -20%  
 FFA 1% AEP Peak Flood  
 Level, Contours and Depths

Parramatta River Flood Study

Project Code: 59916074  
 Drawn By: AS  
 Map: 59916074-GS-058-  
 1p\_SensitivityMinus20\_FLCD\_5k.mxd  
 Rev: 04  
 Date: 2023-05-30

**Legend**

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

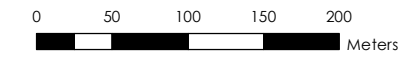
**MN-20% Flood Depth (m)**

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

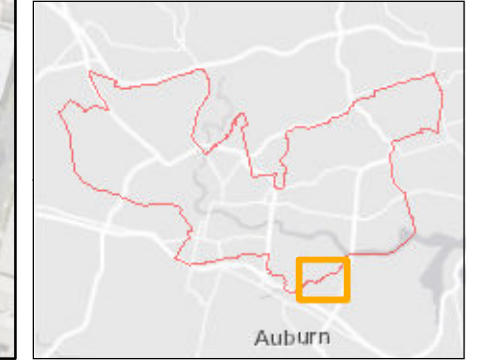
**Figure M4.34**

Notes:  
 1. Coordinate System: GDA 1994 MGA Zone 56

References:  
 1. Base data supplied by NSW SS and Esri  
 2. Aerial imagery supplied by MetroMap  
 3. Cadastre (2015) supplied by PCC



Scale at A3 1:5,000



This document has been prepared based on information provided by others as cited in the data sources. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.