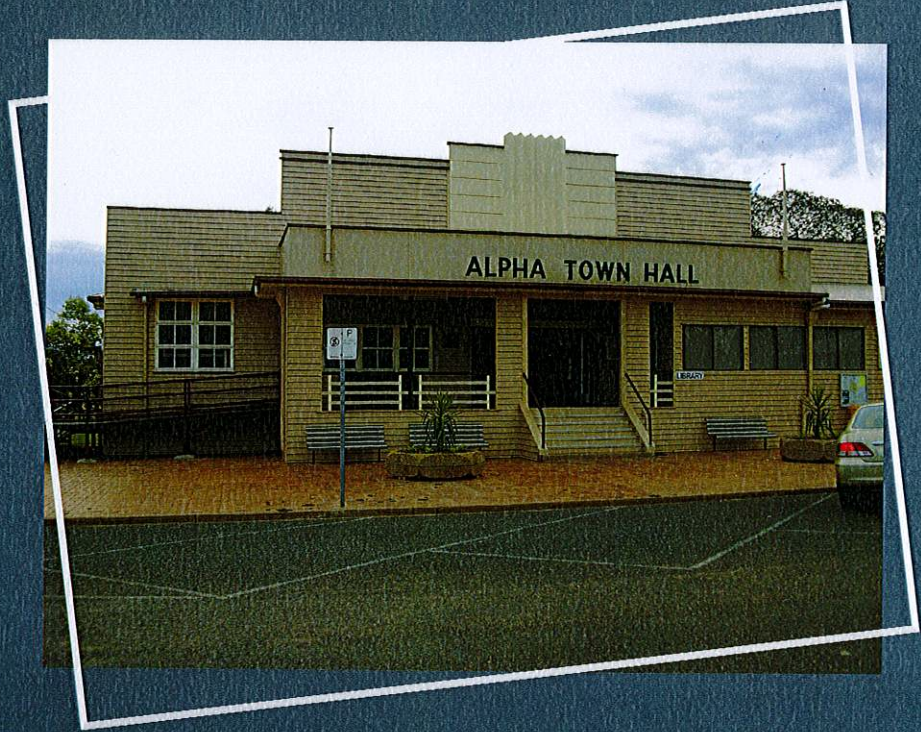


Alpha Town Flood Mitigation Study

Figures – Volume 2
Jericho Shire Council



Connell Wagner Pty Ltd
ABN 54 005 139 873
433 Boundary Street
Spring Hill
Queensland 4004 Australia

Telephone: +61 7 3246 1000
Facsimile: +61 7 3246 1001
Email: cwbne@conwag.com
www.conwag.com

DRAFT

**Alpha Town Flood Mitigation Study
Final Report Volume 2 – Figures
Jericho Shire Council**

7 February 2008
Reference /A07201
Revision 1

Connell Wagner Disclaimer

Connell Wagner Proprietary Limited ABN 54 005 139 873 has prepared this *Alpha Town Flood Mitigation Study* (the "Study") for the exclusive use of Jericho Shire Council (the "Client").

The Study must be read in light of:

- The limited readership and purposes for which it was intended;
- Its reliance upon information provided to Connell Wagner by the Client and others which has not been verified by Connell Wagner and over which Connell Wagner has no control;
- The limitations and assumptions referred to throughout the Study;
- The cost and other constraints imposed on the Study; and
- Other relevant issues which are not within the scope of the Study.

Subject to the limitations referred to above, Connell Wagner has exercised all due care in the preparation of the Study and believes that the information, conclusions, interpretations and recommendations of the Study are both reasonable and reliable.

Connell Wagner makes no warranty or representation to the Client or third parties (express or implied) in respect of the Study and the mapping included within the Study, particularly with regard to any commercial investment decision made on the basis of the Study. Use of the Study by the Client or third parties shall be at their own risk, and extracts from the Study may only be published with permission of Connell Wagner.

This disclaimer must accompany every copy of the Study, which is an integral document and must be read in its entirety.

DRAFT

Document Control		Connell Wagner				
Document ID: P:\Swm\Work\A07201\ww\Reports\Final Rev 11.0 Main Text\A07201 Alpha Report Volume 2- Rev1.Doc						
Rev No	Date	Revision Details	Typist	Author	Verifier	Approver
0	11 July 2007	Draft Report	MG	TDG	CAR	CAR
1	7 February 2007	Draft Final Report	CLS	TDG	[Signature]	[Signature]

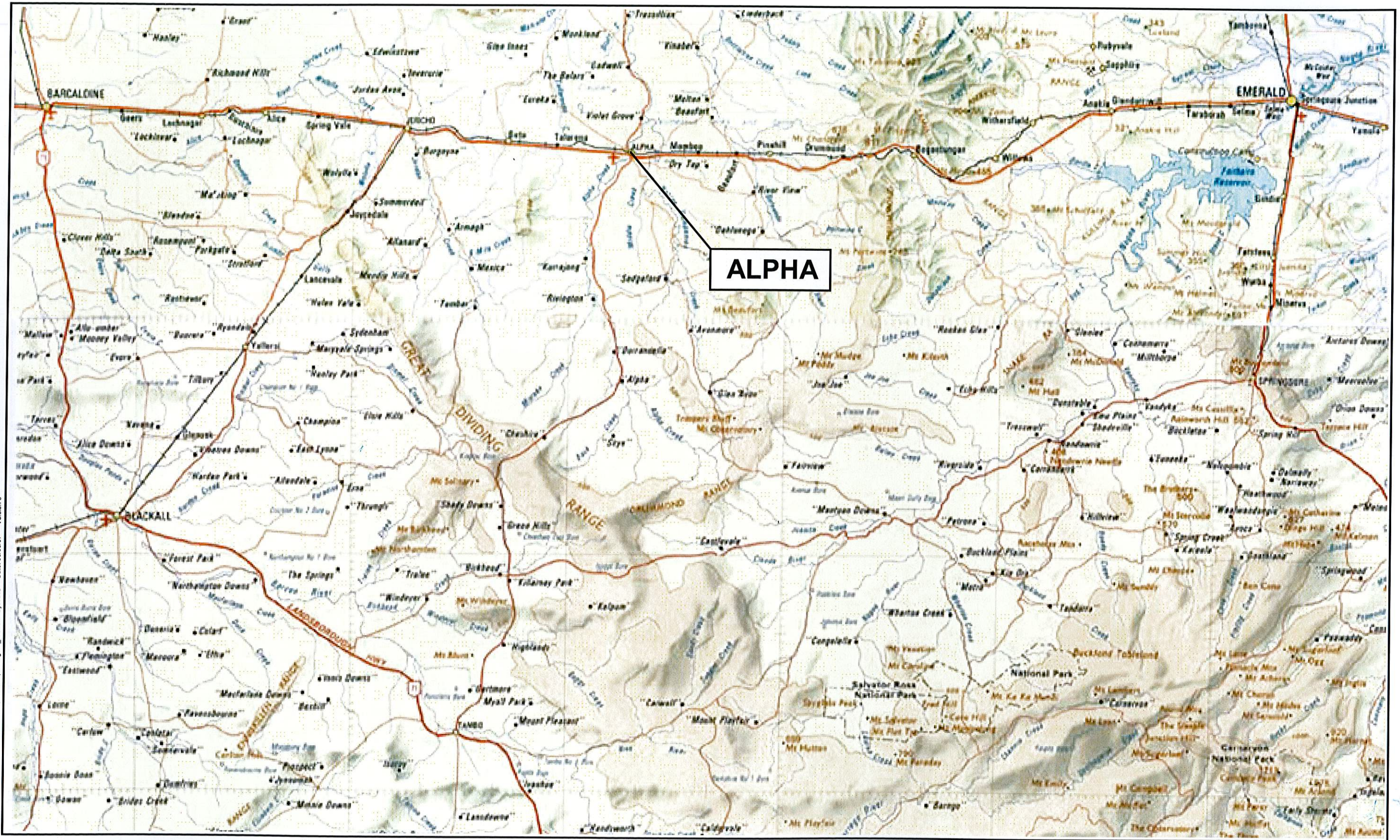
A person using Connell Wagner documents or data accepts the risk of:

- a) Using the documents or data in electronic form without requesting and checking them for accuracy against the original hard copy version; and
- b) Using the documents or data for any purpose not agreed to in writing by Connell Wagner.

List of Figures

-
- Figure 1 – Locality Plan
 - Figure 2 – Alpha Town Layout
 - Figure 3 – General Flood Flow Patterns
 - Figure 4 – URBS Model Layout
 - Figure 5 – MIKE 21 Model Extent and Topography
 - Figure 6 – MIKE 21 Model Roughness
 - Figure 7a – Peak Water Level Comparison for April 1990 Event (levee collapsed)
 - Figure 7b – Peak Water Level Comparison for April 1990 Event (levee in place)
 - Figure 7c – Peak Water Depths for April 1990 Event (levee collapsed)
 - Figure 8 – Extent of Inundation for February 1997 Event
 - Figure 9 – Extent of Inundation for February 2003 Event
 - Figure 10 – Flood Hazard Map for the April 1990 Calibration Event
 - Figure M0 – Flood Mitigation Options Considered
 - Figure M1a – Flood Mitigation Option 1 Peak Water Level
 - Figure M1b – Flood Mitigation Option 1 Difference in Water Levels (with reference to base case)
 - Figure M2a – Flood Mitigation Option 2 Peak Water Level
 - Figure M2b – Flood Mitigation Option 2 Difference in Water Levels (with reference to base case)
 - Figure M3a – Flood Mitigation Option 3 Peak Water Level
 - Figure M3b – Flood Mitigation Option 3 Difference in Water Levels (with reference to base case)
 - Figure M4a – Flood Mitigation Option 4 Peak Water Level
 - Figure M4b – Flood Mitigation Option 4 Difference in Water Levels (with reference to base case)
 - Figure M5a – Flood Mitigation Option 5 Peak Water Level
 - Figure M5b – Flood Mitigation Option 5 Difference in Water Levels (with reference to base case)
 - Figure M6a – Flood Mitigation Option 6 Peak Water Level
 - Figure M6b – Flood Mitigation Option 6 Difference in Water Levels (with reference to base case)
 - Figure M7a – Flood Mitigation Option 7 Peak Water Level
 - Figure M7b – Flood Mitigation Option 7 Difference in Water Levels (with reference to base case)
 - Figure M8a – Flood Mitigation Option 8 Peak Water Level
 - Figure M8b – Flood Mitigation Option 8 Difference in Water Levels (with reference to base case)
 - Figure M9a – Flood Mitigation Option 9 Peak Water Level
 - Figure M9b – Flood Mitigation Option 9 Difference in Water Levels (with reference to base case)
 - Figure M10a – Flood Mitigation Option 10 Peak Water Level
 - Figure M10b – Flood Mitigation Option 10 Difference in Water Levels (with reference to base case)
 - Figure M11a – Flood Mitigation Option 11 Peak Water Level
 - Figure M11b – Flood Mitigation Option 11 Difference in Water Levels (with reference to base case)
-

ALPHA TOWN FLOOD MITIGATION STUDY



ALPHA

P:\SWM\QCR\072011\WMA\Info\Workspaces\Report\Figure_01.wor By: RAG Date: 06/06/07 Version 0

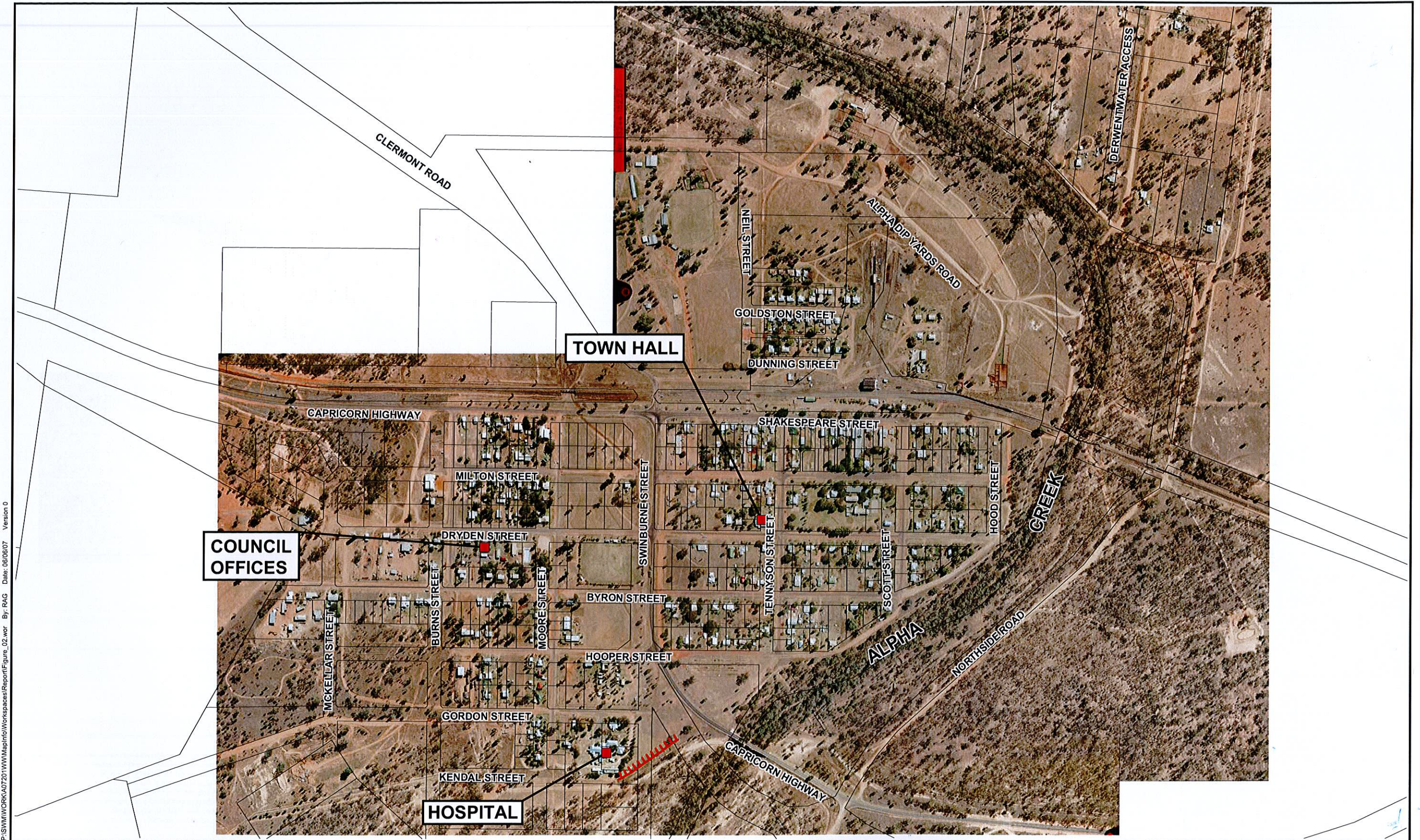
A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner.
 Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd.
 The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.



LOCALITY PLAN

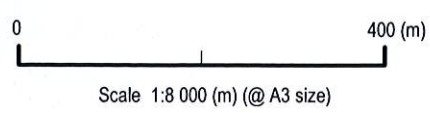
FIGURE 1

ALPHA TOWN FLOOD MITIGATION STUDY



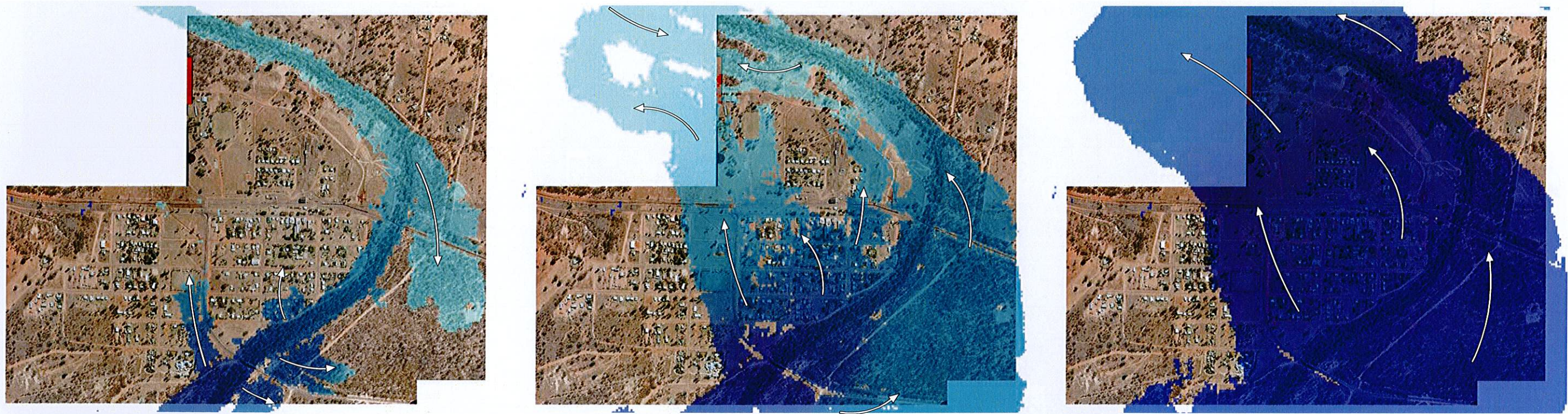
P:\SWM\WORK\A07201\W\MapInfo\Workspaces\Report\Figure_02_wor By: RAG Date: 06/06/07 Version: 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner.
 Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.



ALPHA TOWN LAYOUT

FIGURE 2



8.5 Hours

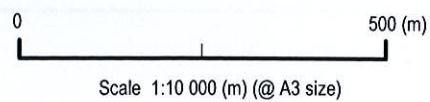
11.0 Hours

23.5 Hours

P:\S\W\W\RR\A07201\W\MapInfo\Wor\spatbase\Report\Figure_03.wor By: RAG Date: 06/07/07 Version 0

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner
 Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

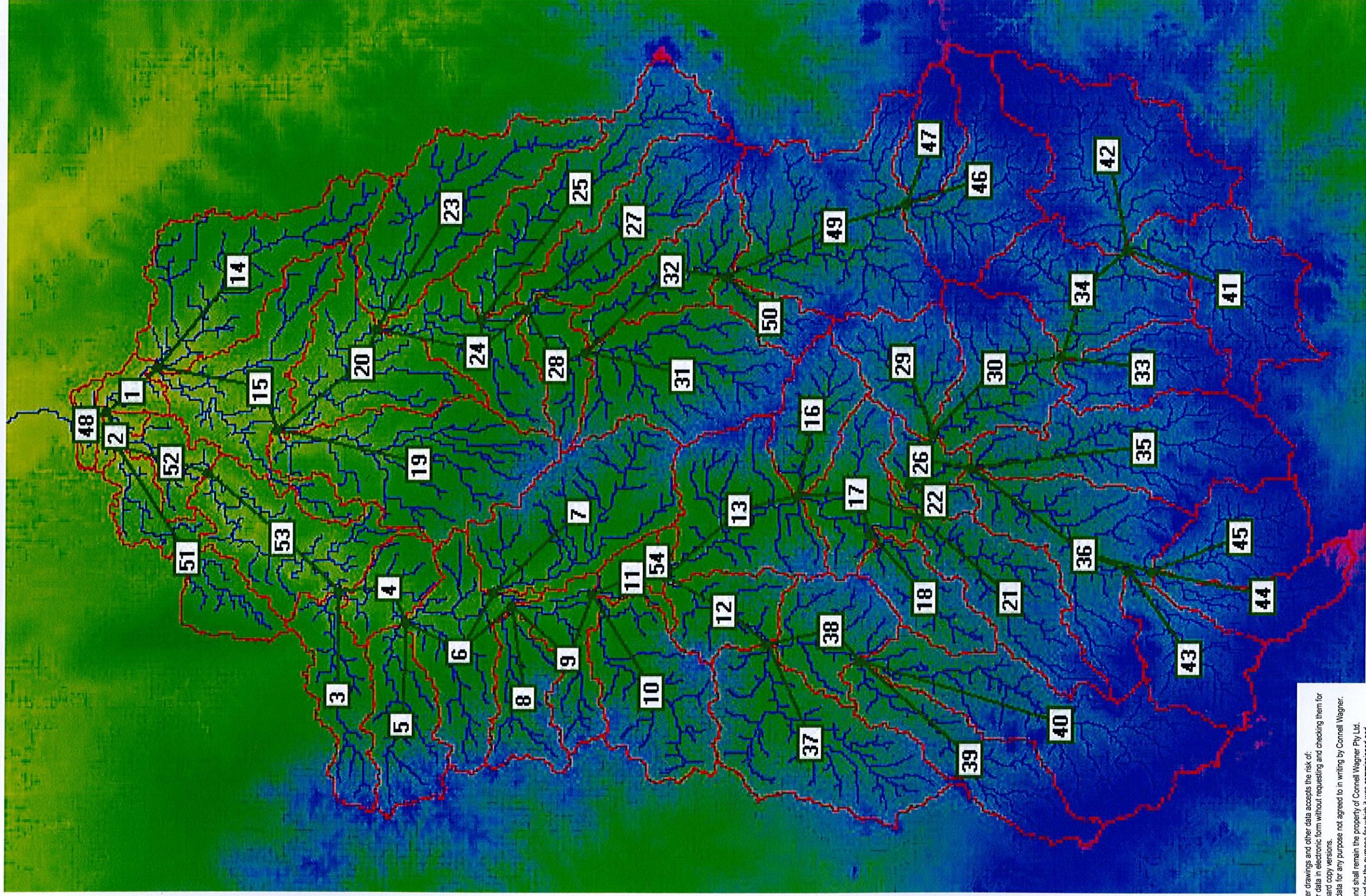


LEGEND



GENERAL FLOOD FLOW PATTERNS

FIGURE 3



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner.
 Copyright. This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner.
 The foundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericoo Shire Council for preliminary planning purposes only.
 This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

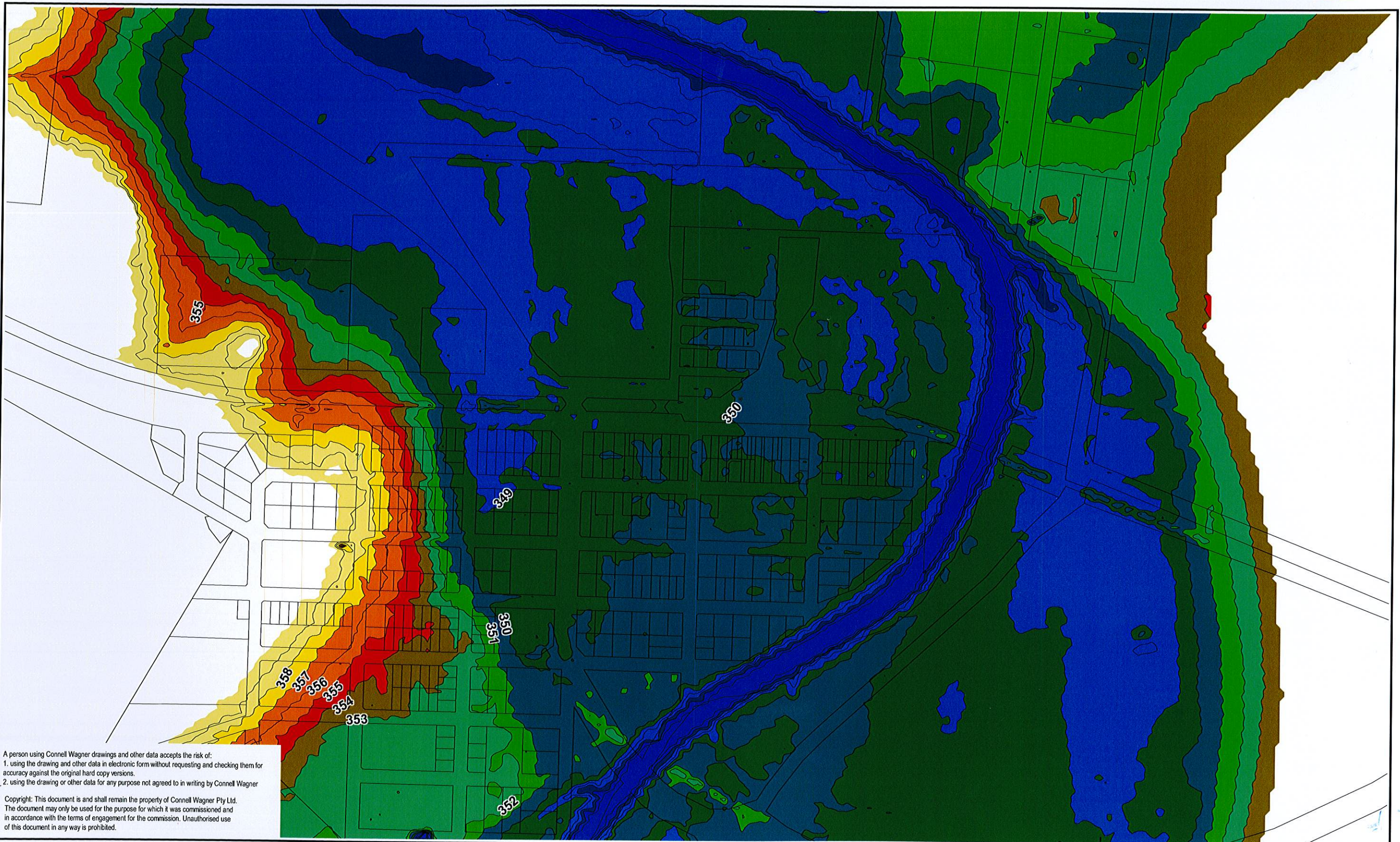
LEGEND

42 URBS SUBCATCHMENT NUMBER



URBS MODEL LAYOUT

FIGURE 4

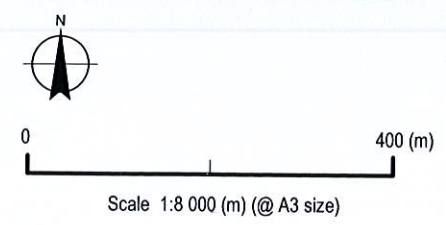


P:\S\MM\WORK\A07201\MM\MapInfo\Workspaces\Report\Figure_05.wor By: RAG Date: 25/06/07 Version: 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

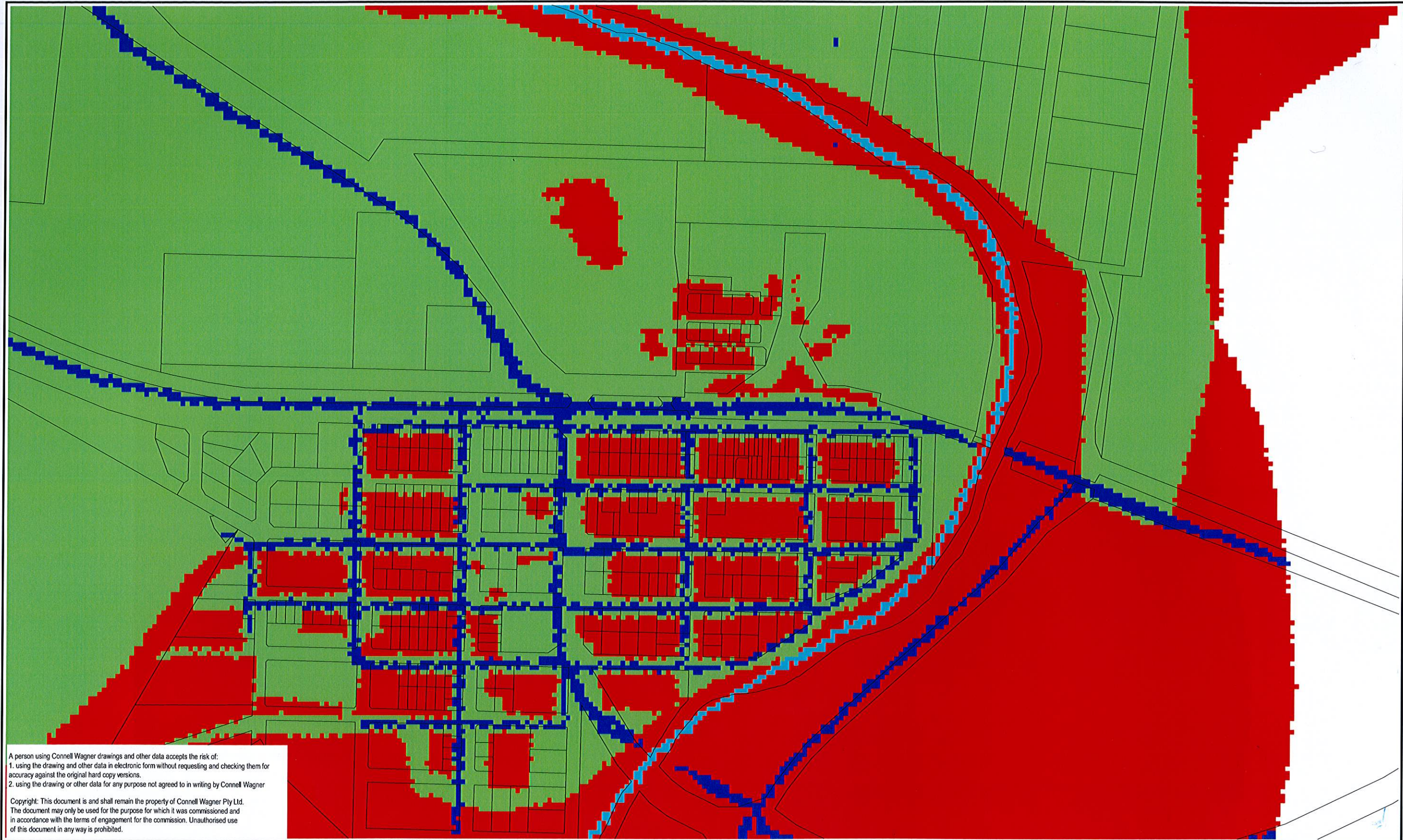


LEGEND

	CADASTRE		Below 346		351 - 352		356 - 357
			346 - 347		352 - 353		357 - 358
			347 - 348		353 - 354		358 - 359
			349 - 350		354 - 355		Above 359
			350 - 351				

MIKE 21 MODEL TOPOGRAPHY IN TOWN AREA

FIGURE 5

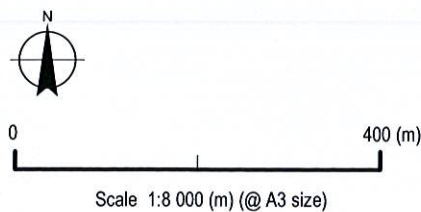


P:\SWM\WORK\A07201\WMA\MapInfo\Workspaces\Report\Figure_06.wor By: RAG Date: 25/06/07 Version: 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.







Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND

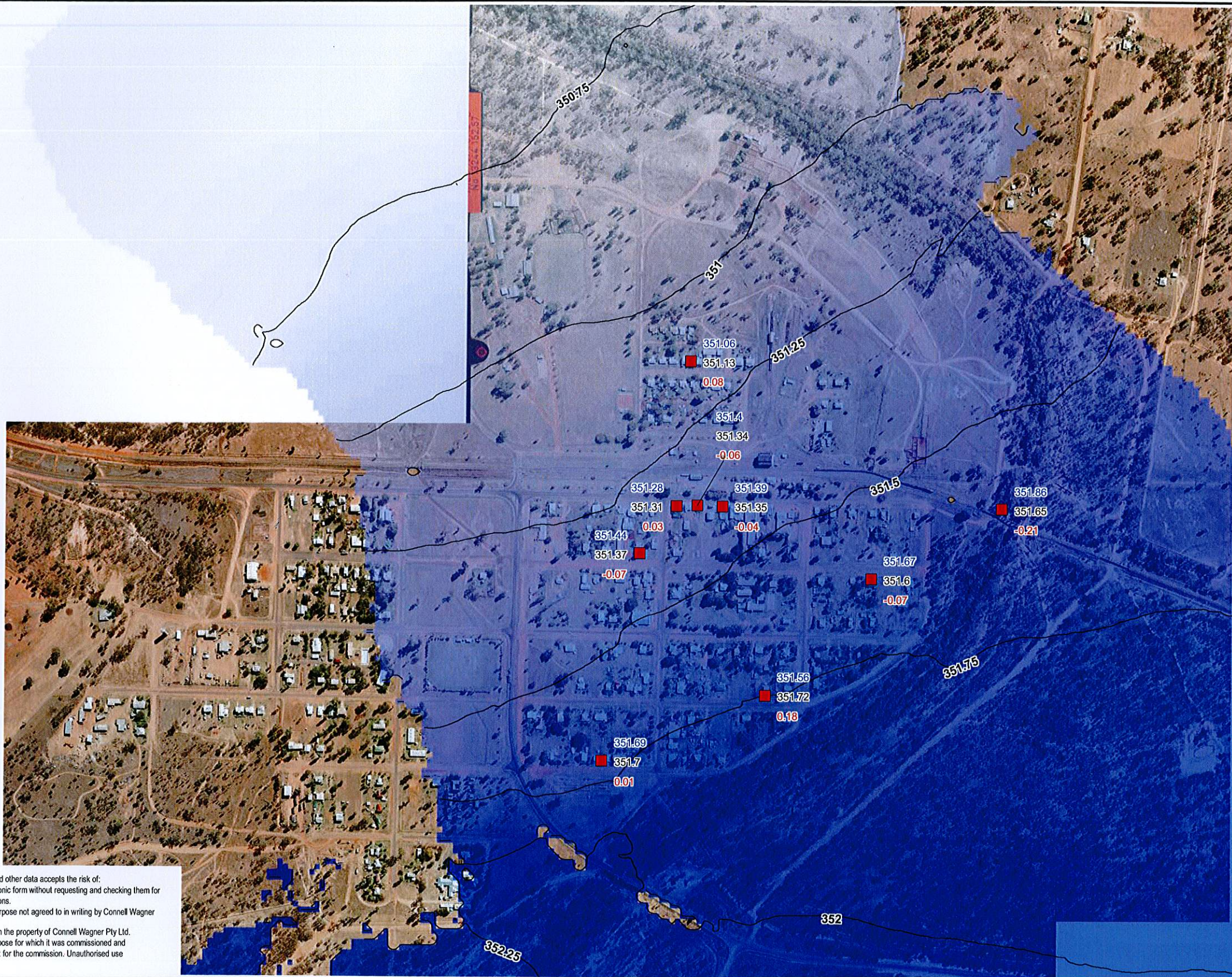
CADASTRE

ROUGHNESS

	0.075		0.055
	0.070		0.050
	0.065		0.045
	0.060		0.040

MIKE 21 MODEL ROUGHNESS

FIGURE 6

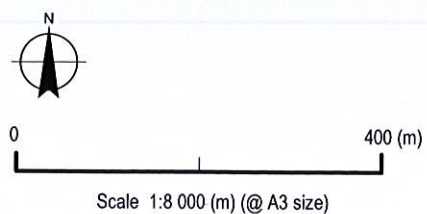


P:\S\W\WORK\A07201\W\MapInfo\Workspaces\Report\Figure_7A.wor By: RAG Date: 06/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

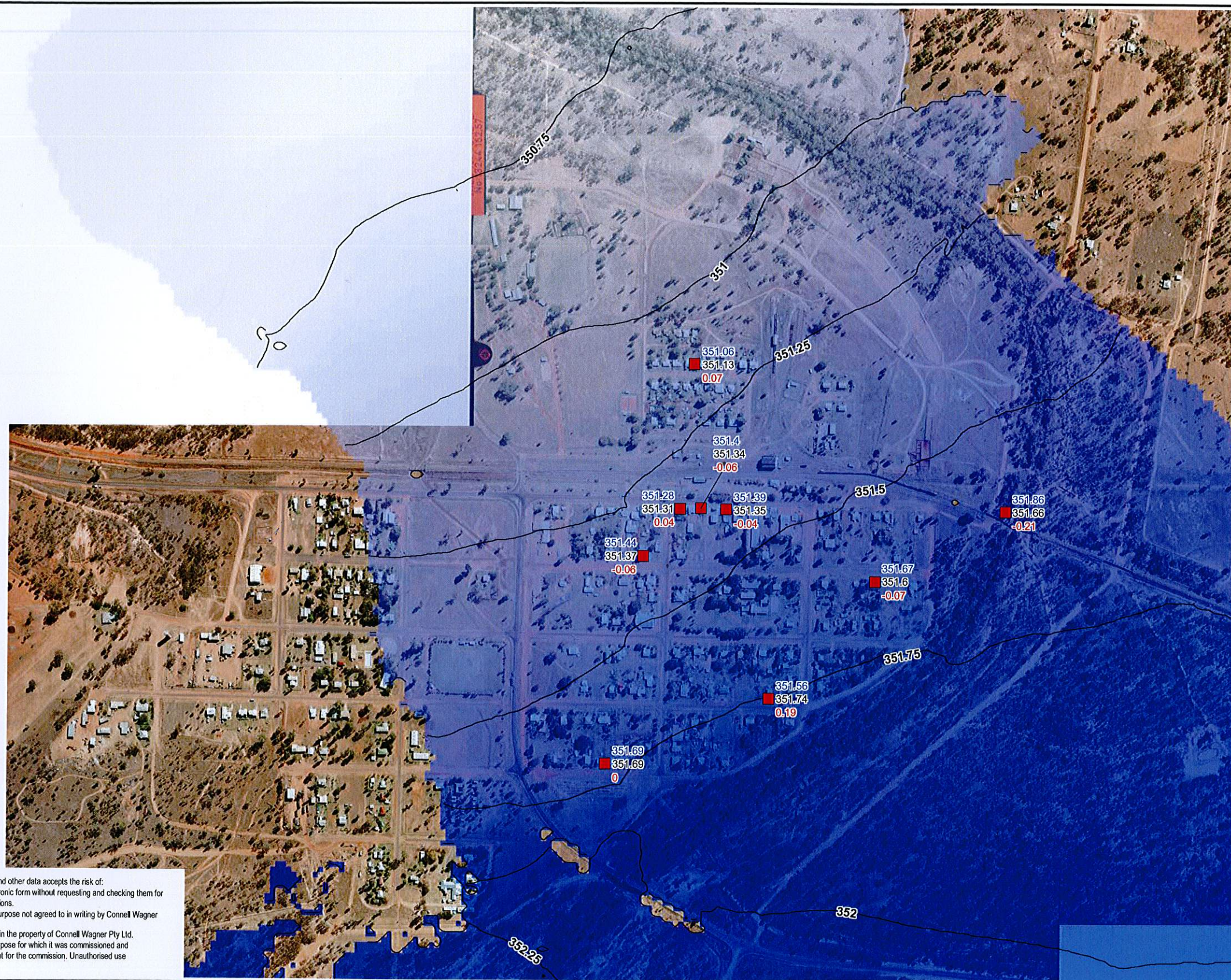


LEGEND

- Recorded Levels (m AHD)
- MIKE 21 Levels (m AHD)
- Afflux (m)

PEAK WATER LEVEL COMPARISON FOR APRIL 1990 EVENT COLLAPSED LEVEE

FIGURE 7A

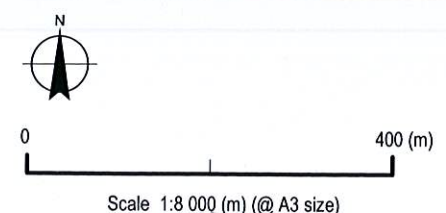


P:\SWM\WORK\A07201\WMI\MapInfo\Workspaces\Report\Figure_7B.wor By: RAG Date: 06/06/07 Version: 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

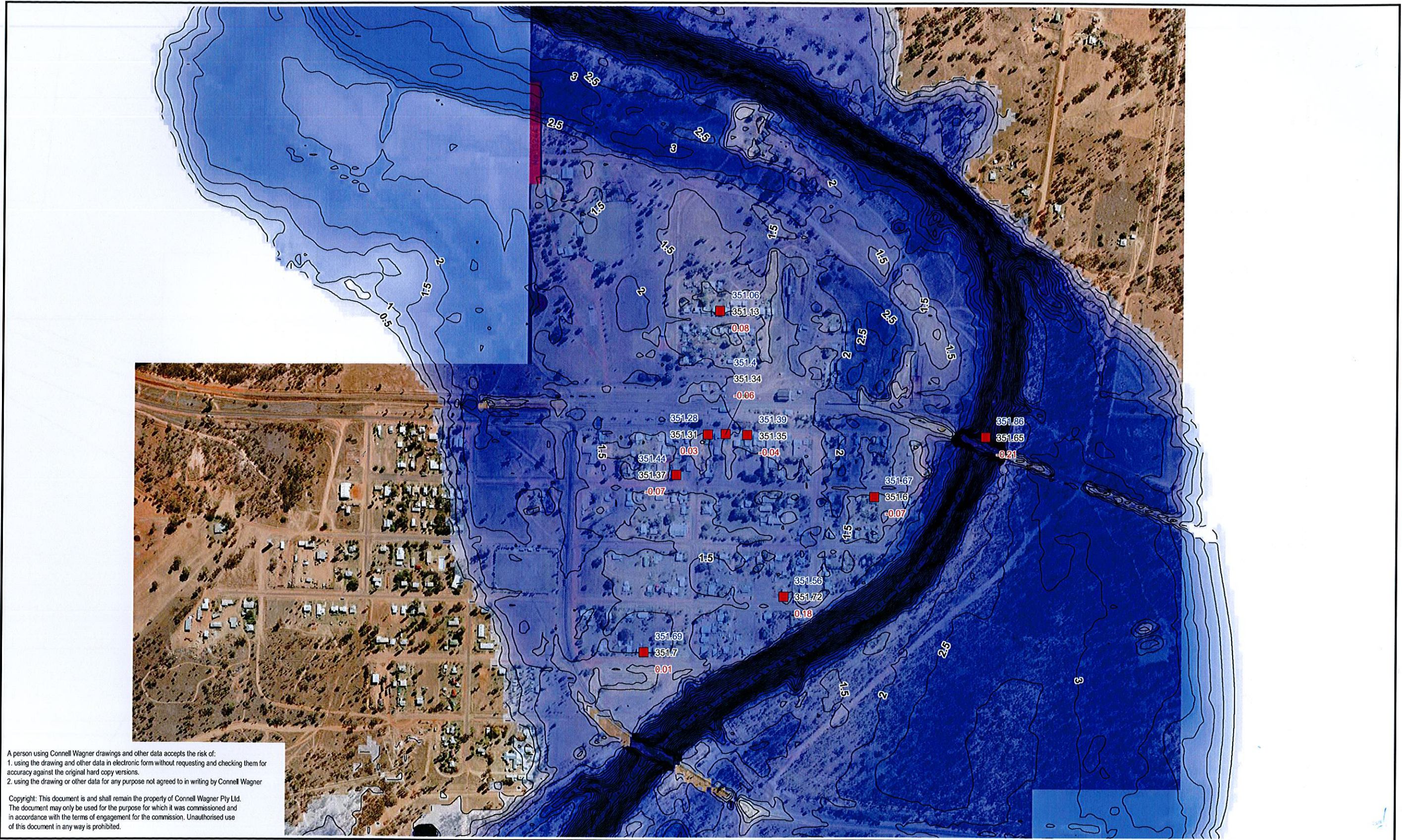
Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jaricho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND
 Recorded Levels (m AHD)
 ■ MIKE 21 Levels (m AHD)
 Afflux (m)

**PEAK WATER LEVEL COMPARISON FOR APRIL 1990 EVENT
 LEVEE IN PLACE**

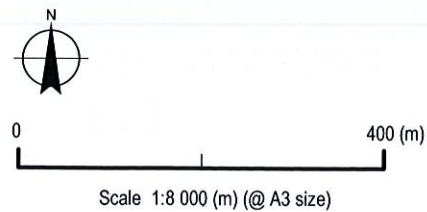
FIGURE 7B



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

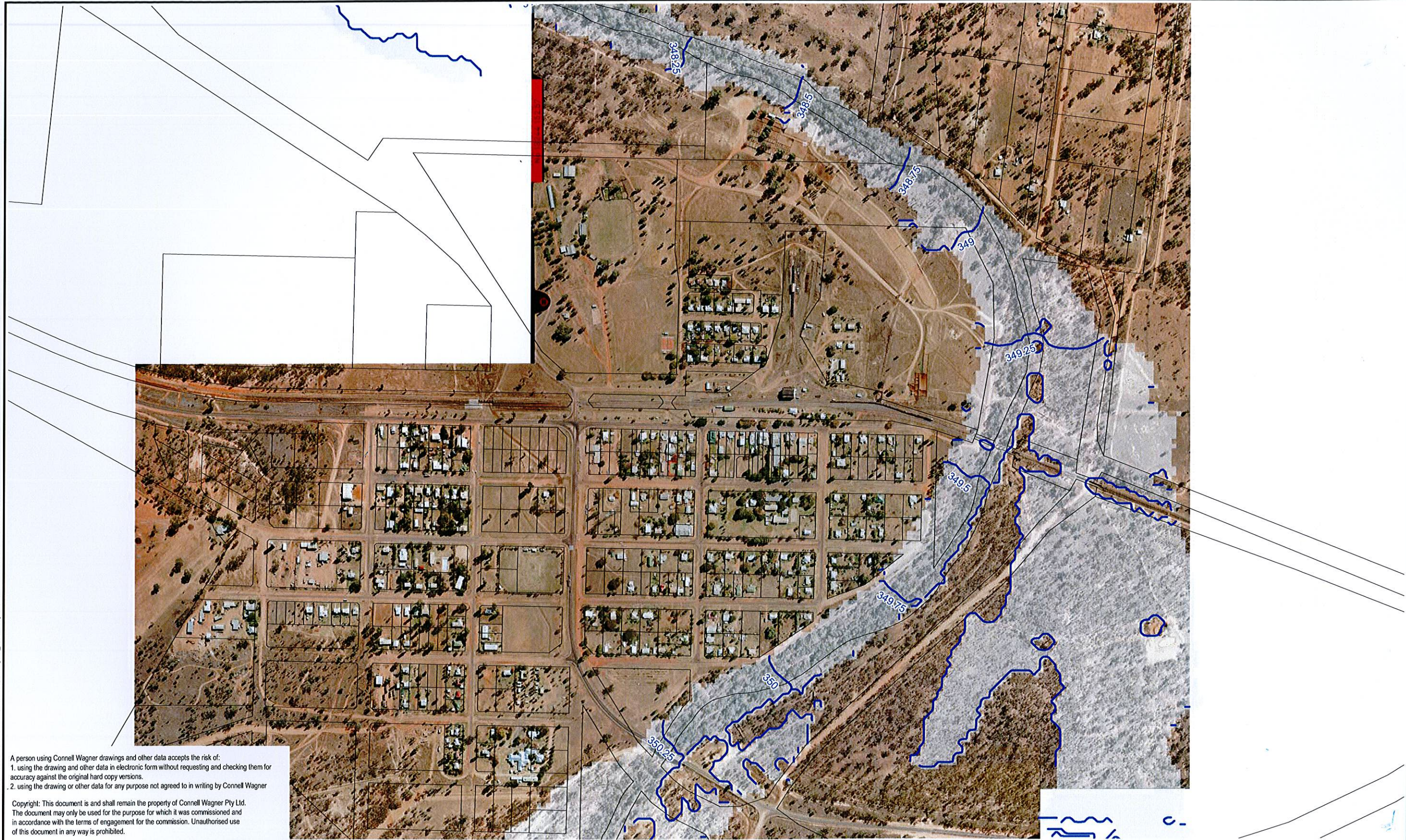


LEGEND

- Recorded Levels (m AHD)
- MIKE 21 Levels (m AHD)
- Afflux (m)

PEAK WATER DEPTH FOR APRIL 1990 EVENT
 COLLAPSED LEVEE

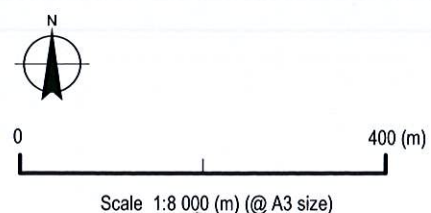
FIGURE 7C



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND
 [White outline] CADASTRE
 [Blue line] FLOOD LEVEL (m AHD)

EXTENT OF INUNDATION
 FEBRUARY 1997 EVENT

FIGURE 8

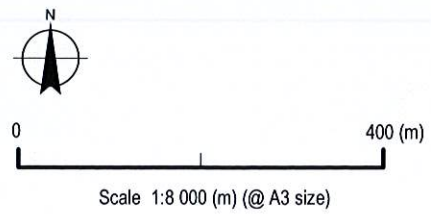
P:\S\W\W\ORR\A07201\W\MapInfo\Workspaces\Report\Figure_9_wor By: P.A.G Date: 13/06/07 Version 0





A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



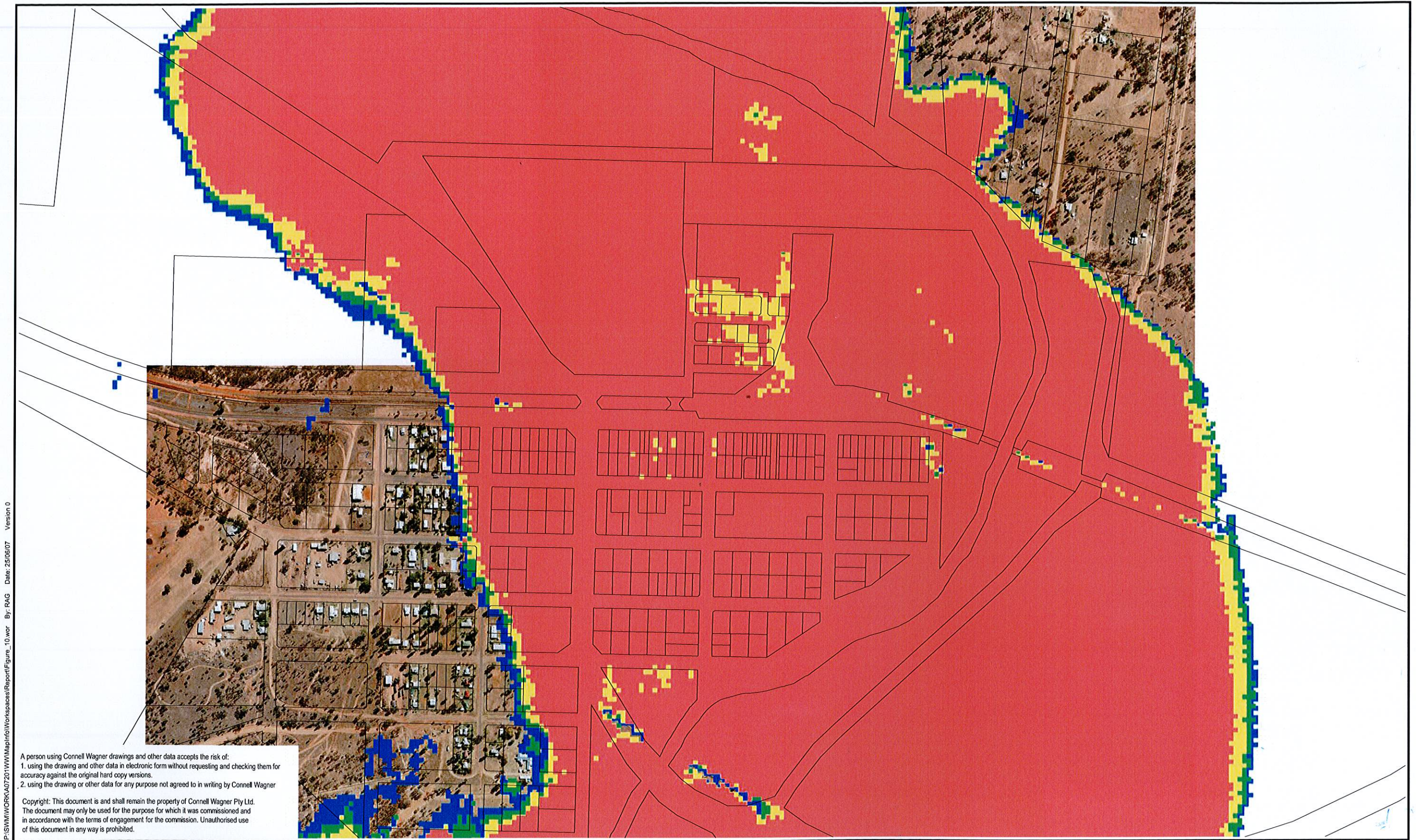
LEGEND

	CADASTRE
	FLOOD LEVEL (m AHD)

EXTENT OF INUNDATION
 FEBRUARY 2003 EVENT

FIGURE 9

P:\S\W\WORK\A072011\W\Map\Info\Workspaces\Report\Figure_9.dwg By: RAG Date: 13/06/07 Version: 0

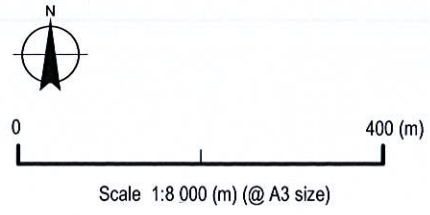


P:\S\W\WORK\07201\W\MapInfo\Workspaces\Report\Figure_10.mxd Date: 25/06/07 By: RAG Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND

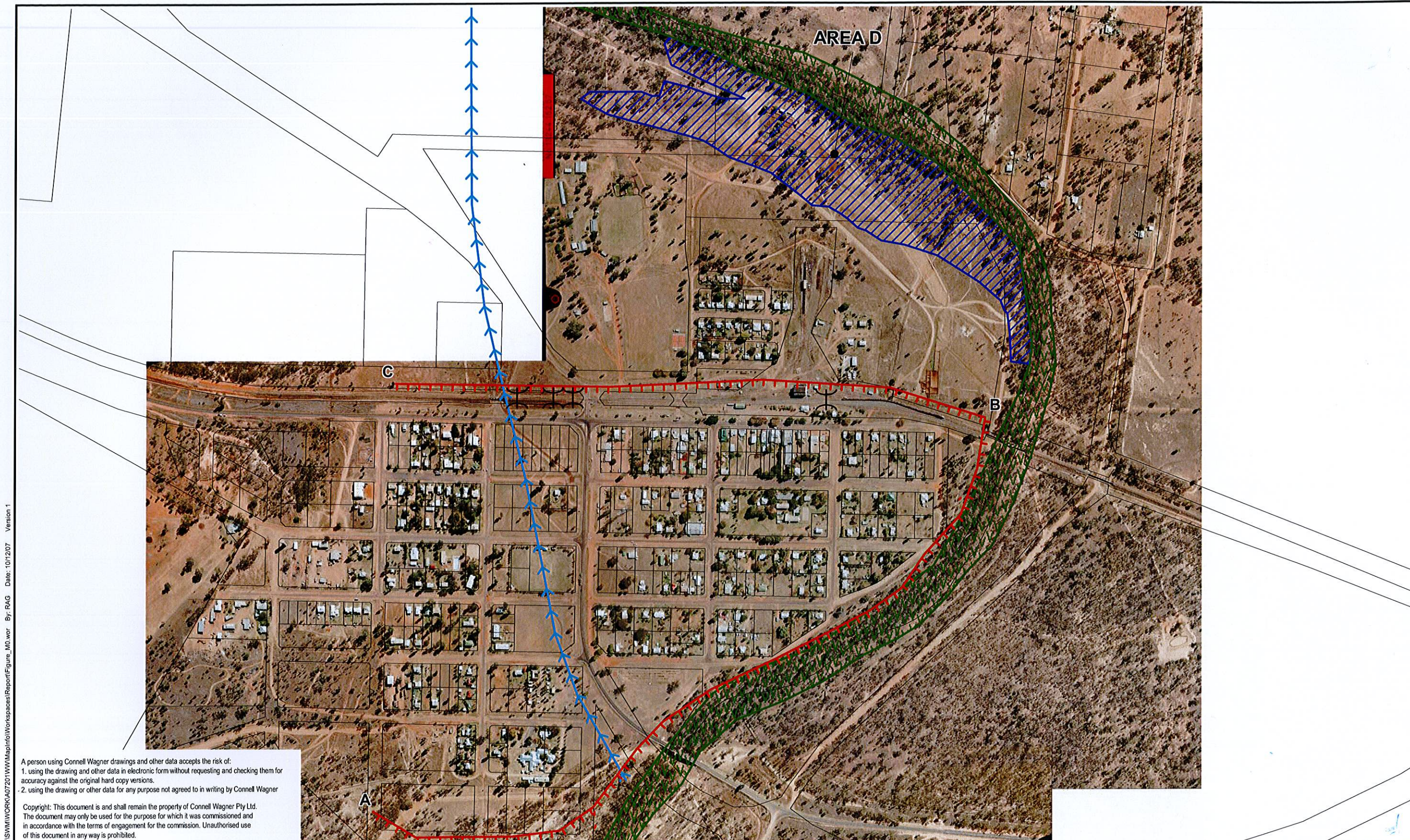
CADASTRE

HAZARD CATEGORY

- LOW
- MEDIUM
- HIGH
- EXTREME

FLOOD HAZARD MAP
 APRIL 1990 CALIBRATION EVENT

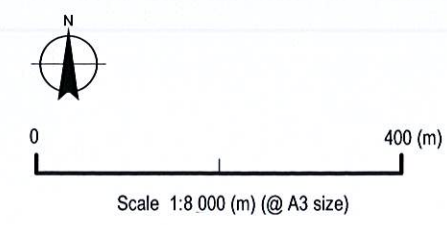
FIGURE 10



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



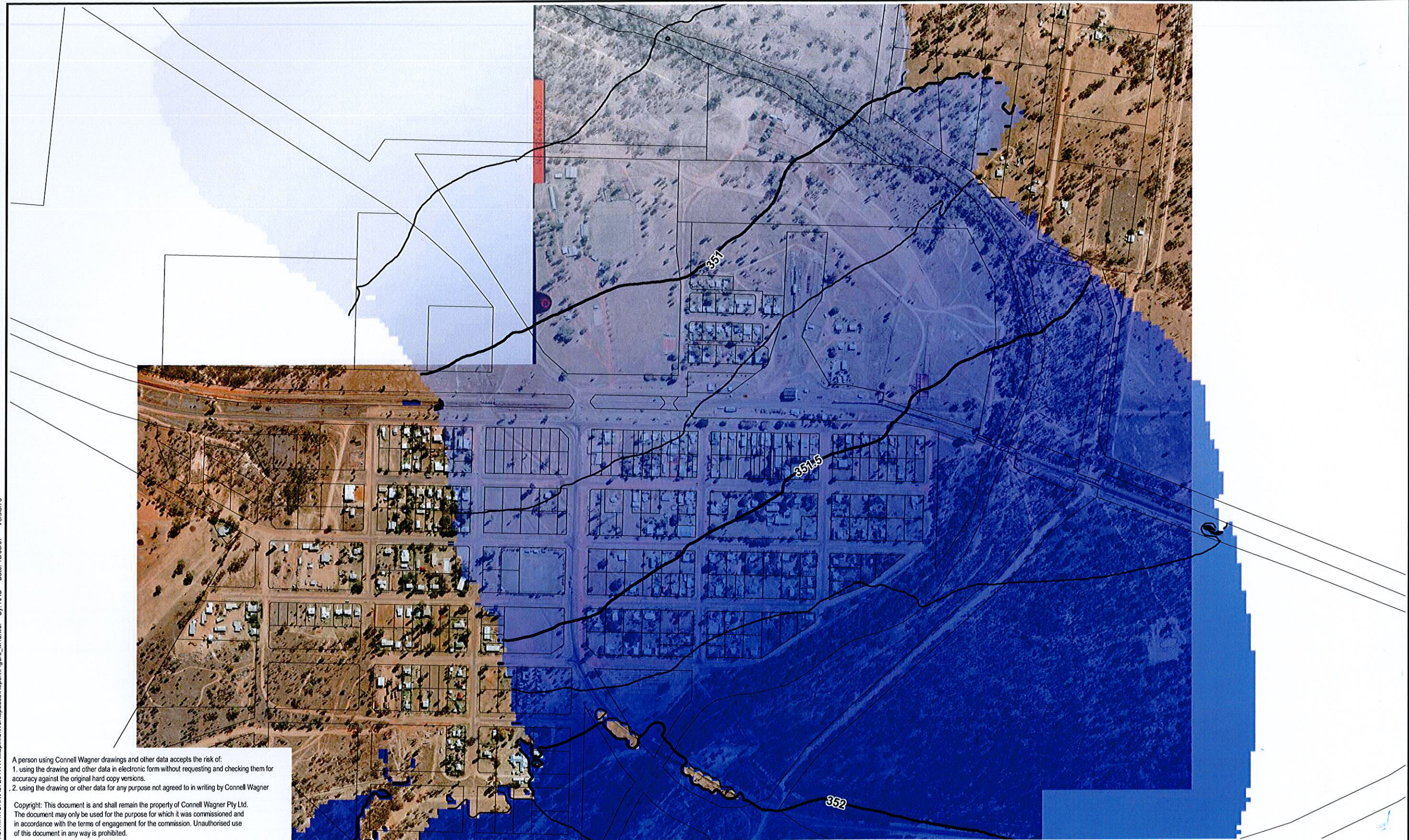
LEGEND

- | | | | |
|--|------------------|--|-------------------------|
| | CADASTRE | | PROPOSED LEVEE LOCATION |
| | STREAM ROUGHNESS | | DEDICATED FLOODWAY |
| | INSTREAM WORKS | | ADDITIONAL CULVERTS |

FLOOD MITIGATION
 OPTIONS CONSIDERED

FIGURE M0

P:\S\W\WCR\A07201\W\MapInfo\Workspaces\Report\Figure_M0.wor By: RAG Date: 10/12/07 Version: 1

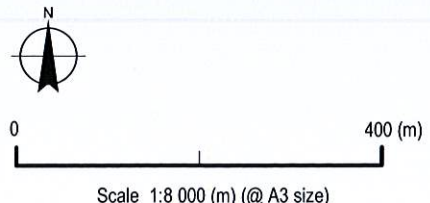


P:\SWM\WORK\A07201\WMA\Info\Workspaces\Report\Figure_M1a.wor By: RAG Date: 13/06/07 Version 0



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

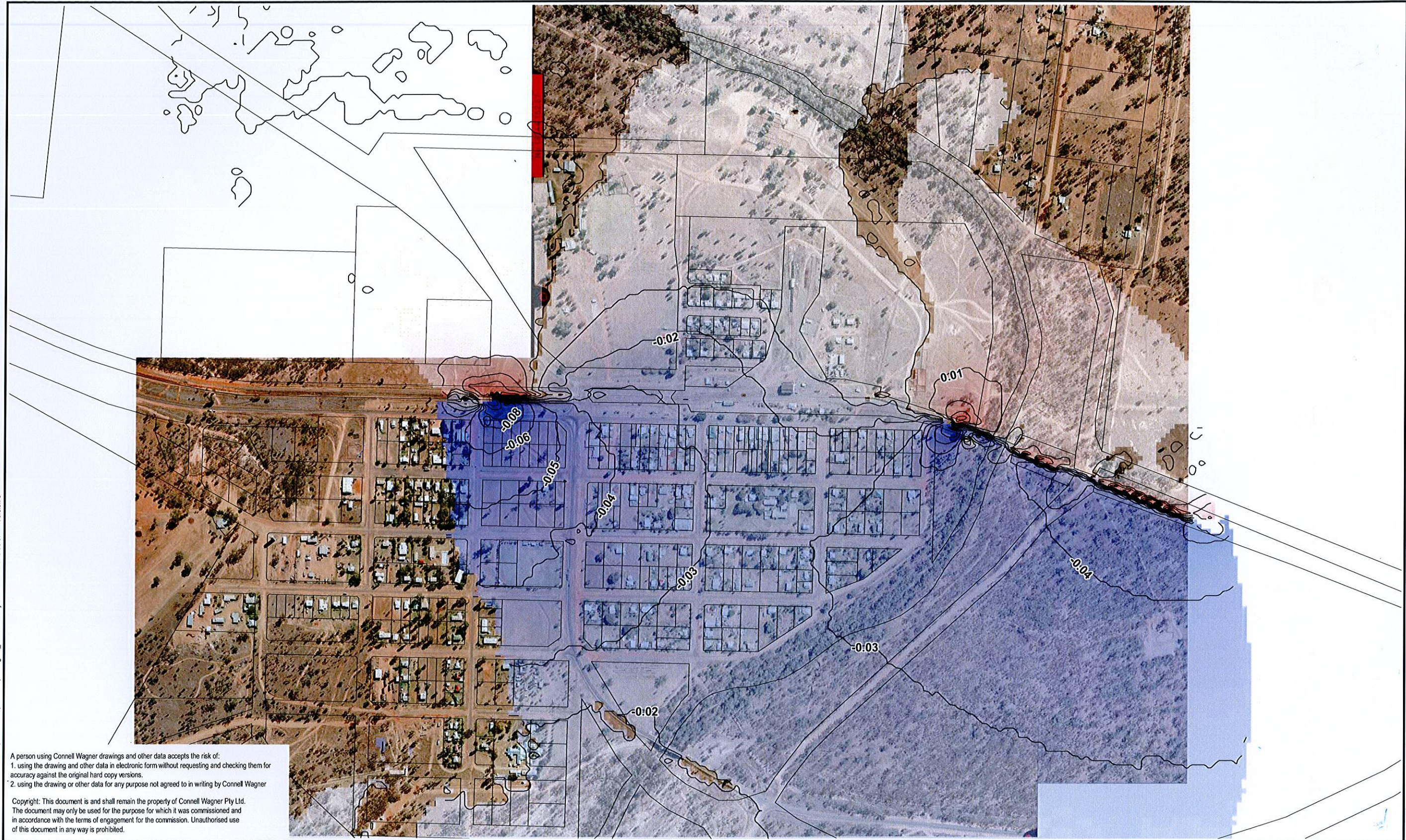


LEGEND

-  CADASTRE
-  FLOOD LEVEL (m AHD)

MITIGATION OPTION 1
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M1A



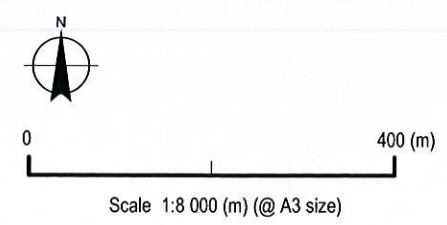
P:\S\MI\WORK\A07201\MapInfo\Workspaces\Report\Figure_M1b.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:

1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

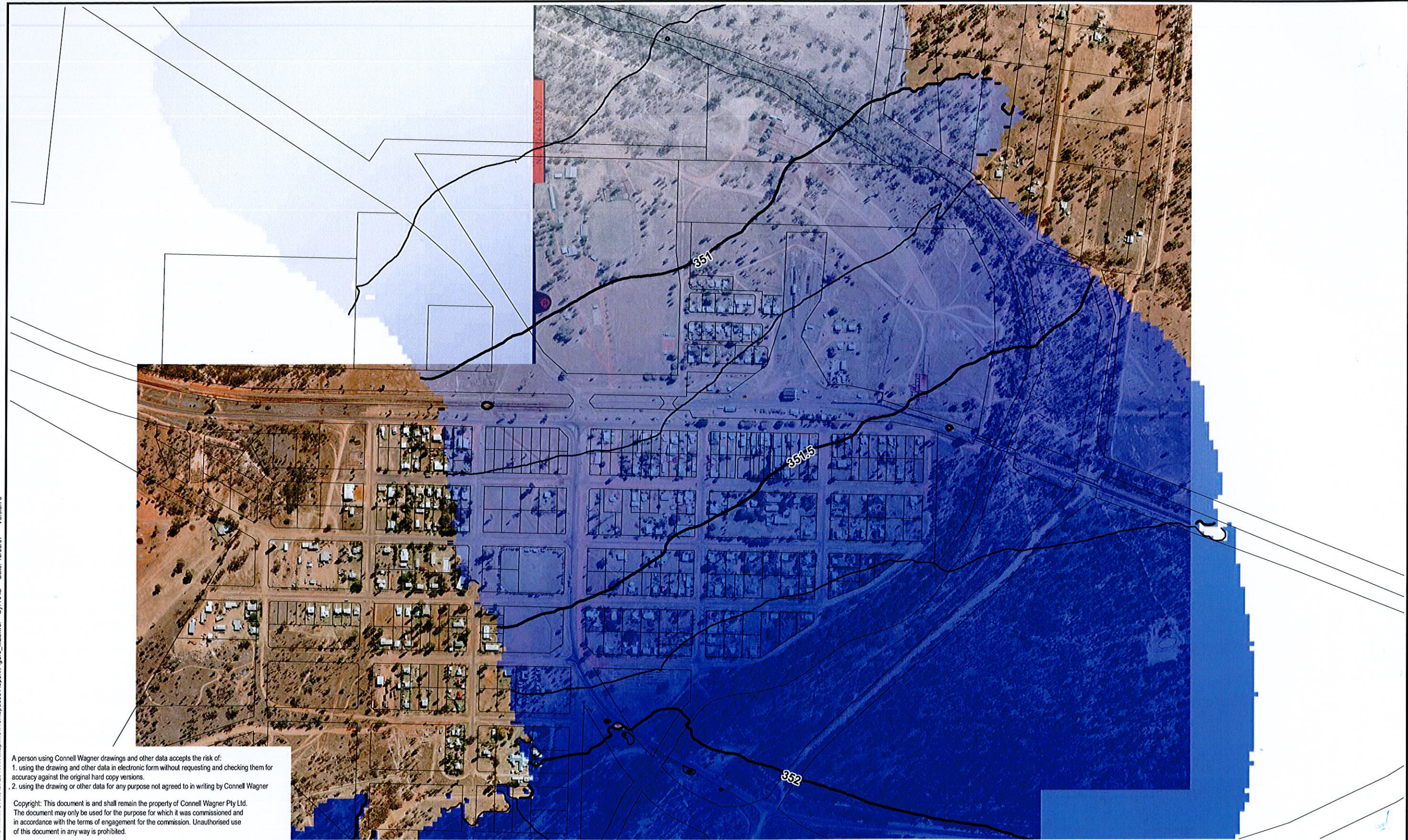


LEGEND

- CADASTRE
- AFFLUX (m)

MITIGATION OPTION 1
DIFFERENCE IN FLOOD LEVELS
BASED ON APRIL 1990 EVENT

FIGURE M1B

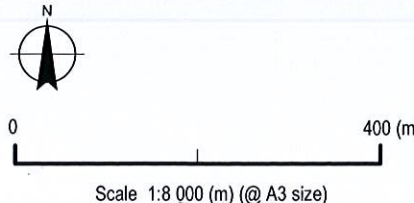


P:\S\W\WORK\A07201\W\MapInfo\Workspaces\Report\Figure_M2a.wor By: BAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



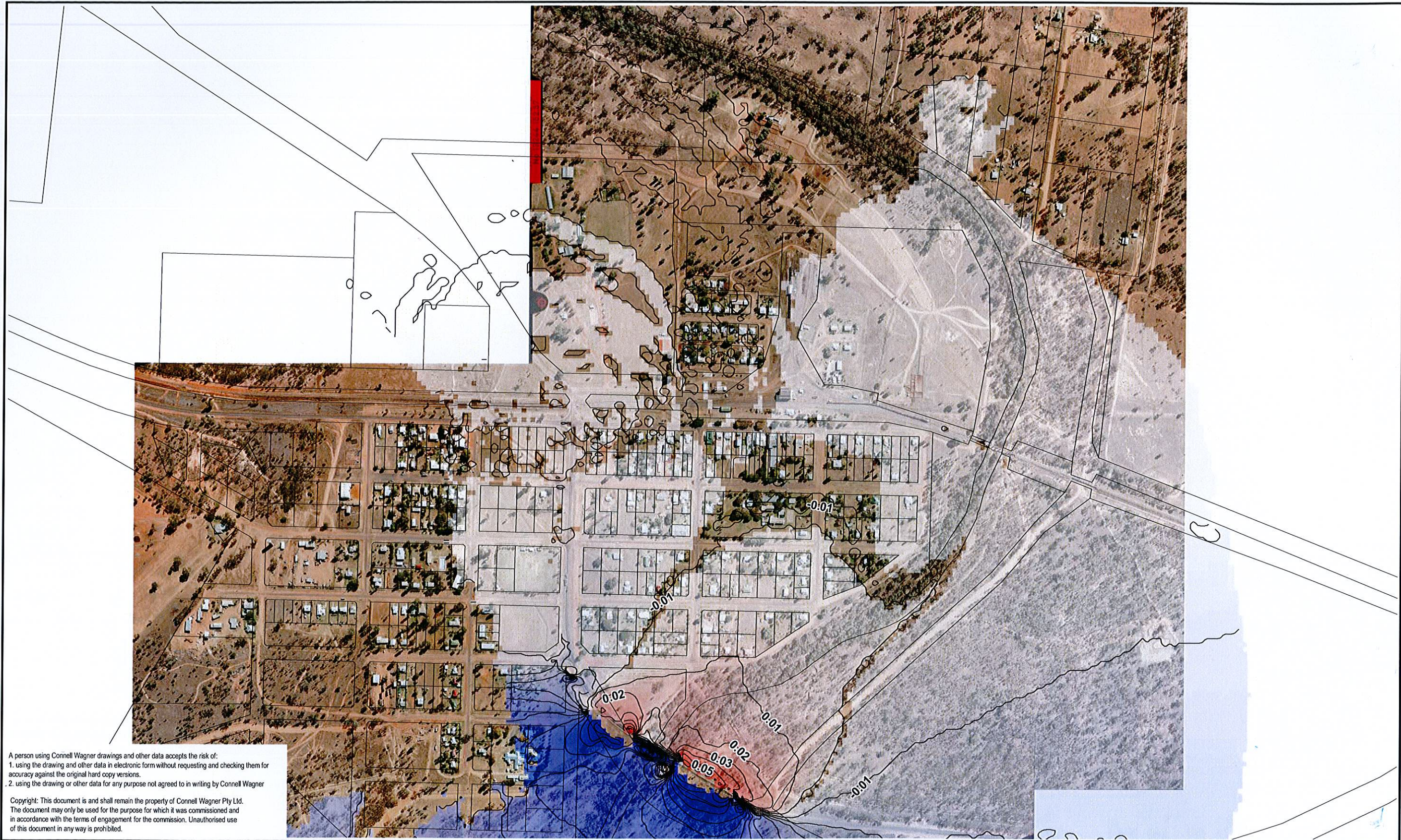
LEGEND

□ CADASTRE

— FLOOD LEVEL (m AHD)

MITIGATION OPTION 2
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M2A



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.


Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



0 400 (m)

Scale 1:8 000 (m) (@ A3 size)

LEGEND

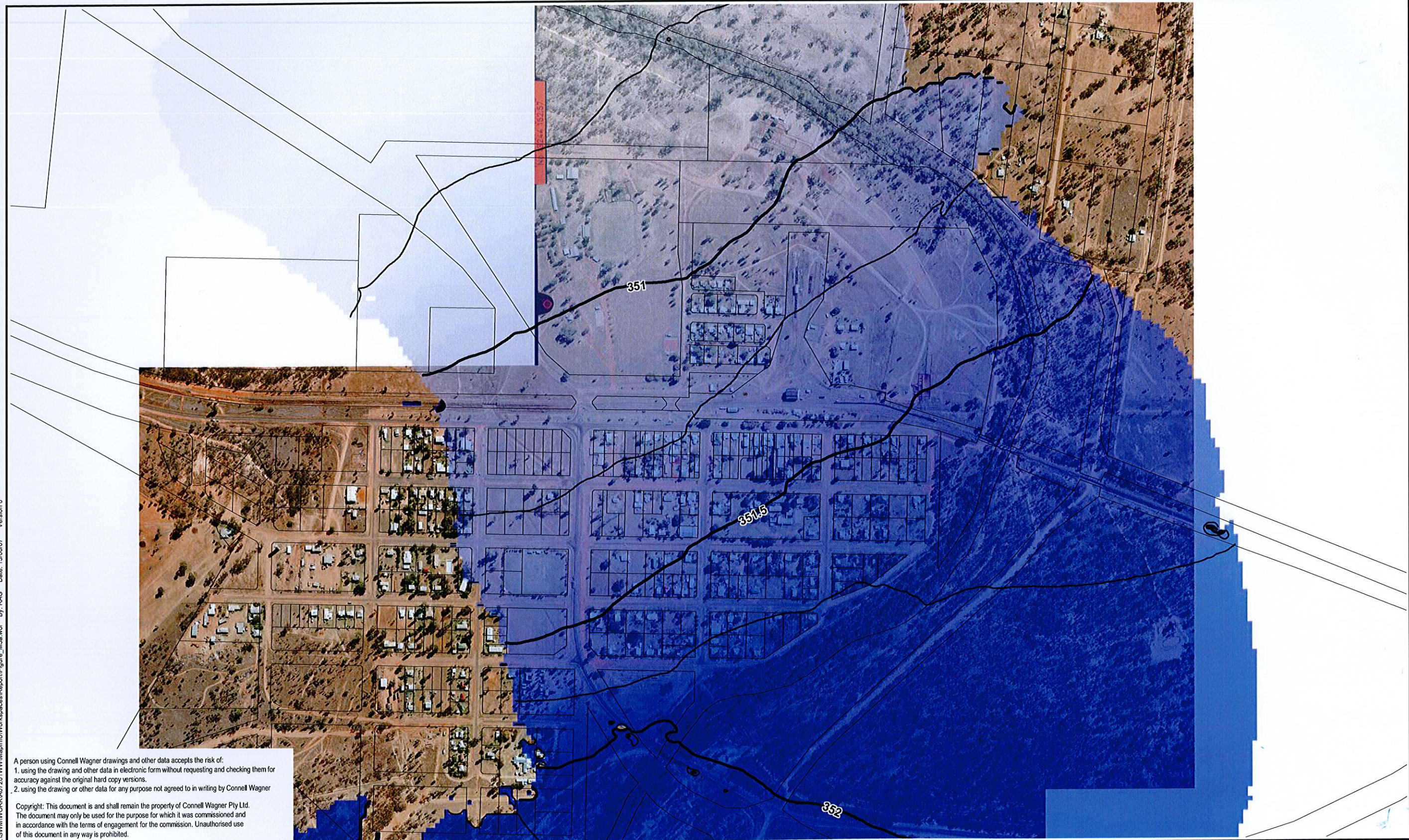
-  CADASTRE
-  AFFLUX (m)

MITIGATION OPTION 2
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M2B

P:\SMM\WORK\A07201\MapInfo\Workspaces\Report\Figure_M2b.wor By: RAG Date: 13/06/07 Version 0

ALPHA TOWN FLOOD MITIGATION STUDY

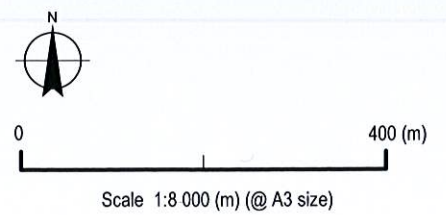


P:\SWM\WORK\04072011\MapInfo\Workspaces\Report\Figure_M3a.wor By: RAG Date: 13/06/07 Version 0



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

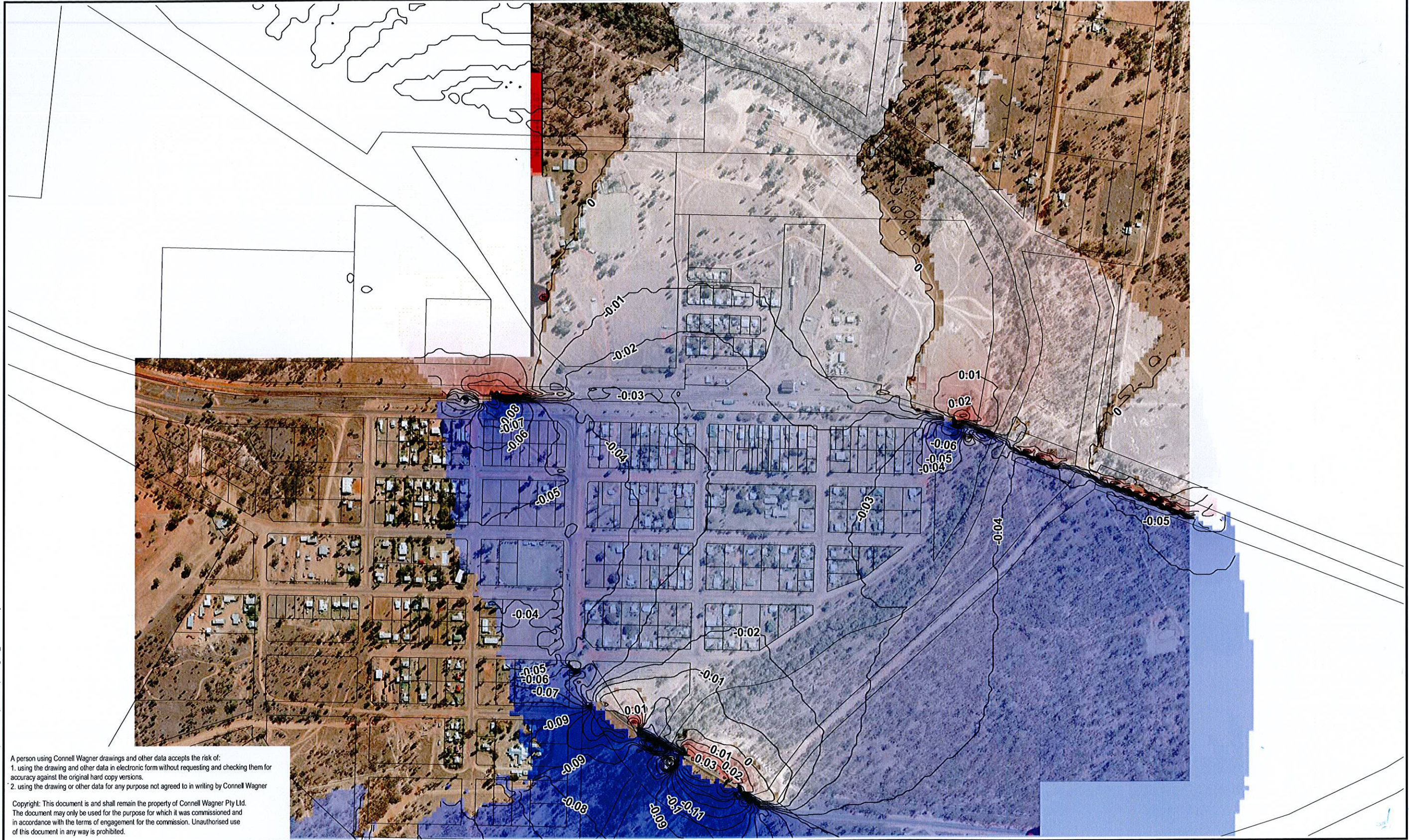


LEGEND

	CADASTRE
	FLOOD LEVEL (m AHD)

MITIGATION OPTION 3
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M3A



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



0 400 (m)

Scale 1:8 000 (m) (@ A3 size)

LEGEND

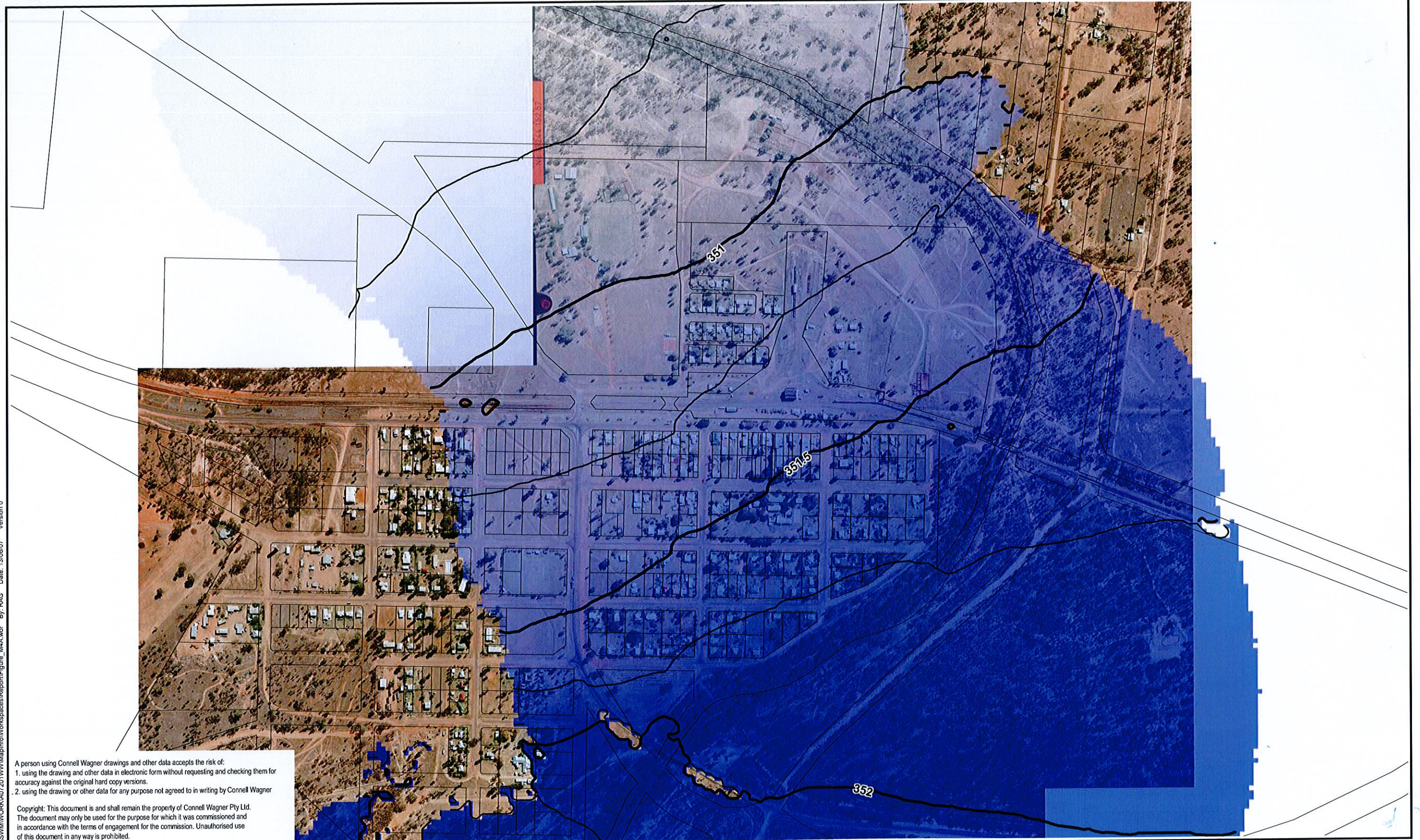
- CADASTRE
- AFFLUX (m)

MITIGATION OPTION 3
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M3B

P:\SWM\WORK\A07201\WMA\Info\Workspaces\Report\Figure_M3b.wor By: RAG Date: 13/06/07 Version 0

ALPHA TOWN FLOOD MITIGATION STUDY

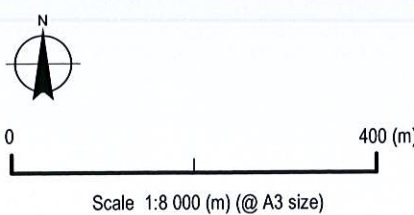


P:\SMM\WORK\A07201\MM\MapInfo\Workspaces\Report\Figure_M4A.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

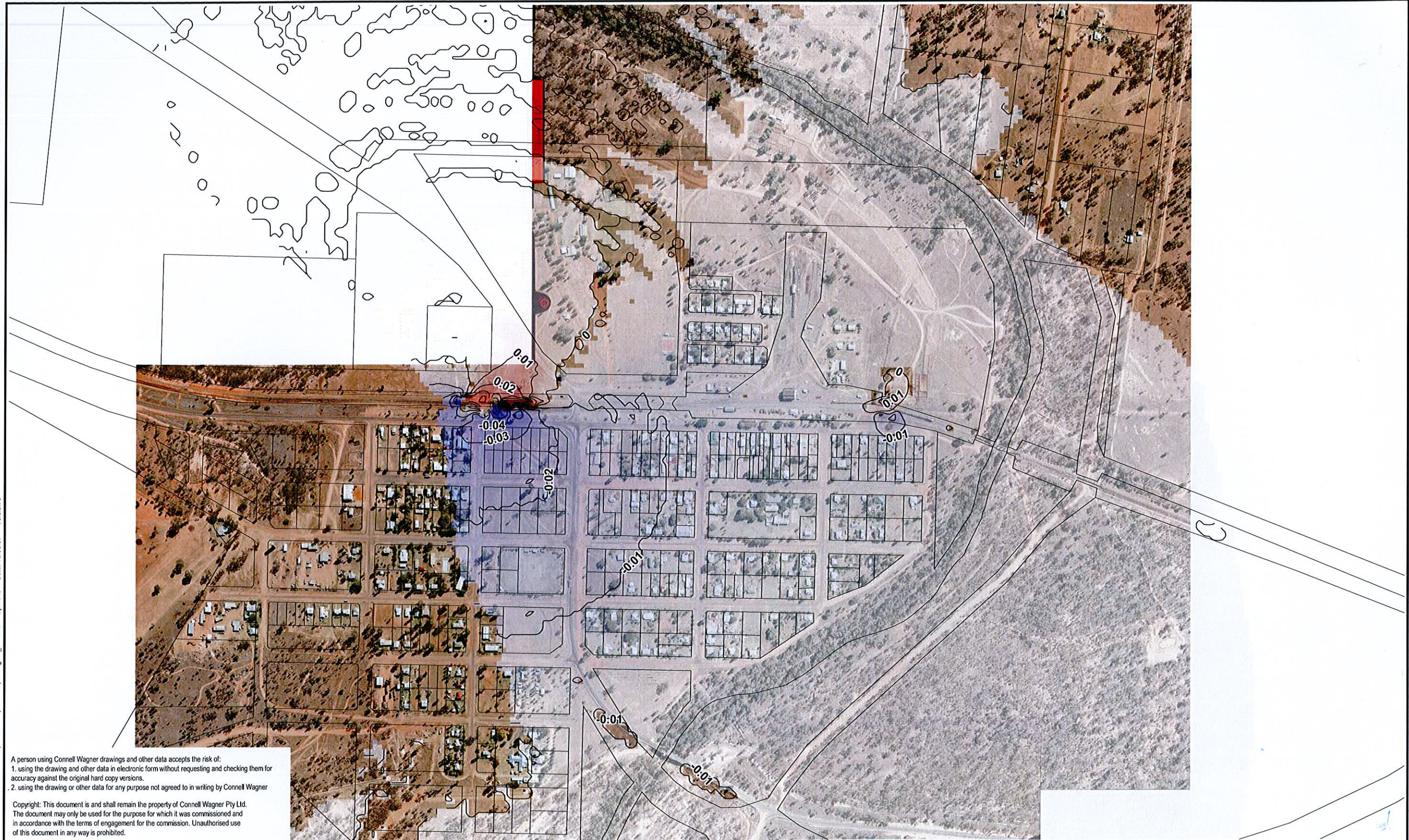


LEGEND

	Cadastré
	FLOOD LEVEL (m AHD)

MITIGATION OPTION 4
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

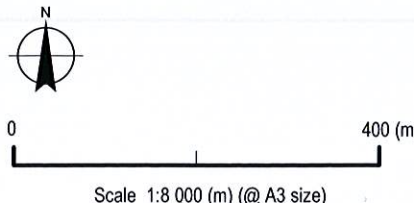
FIGURE M4A



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND

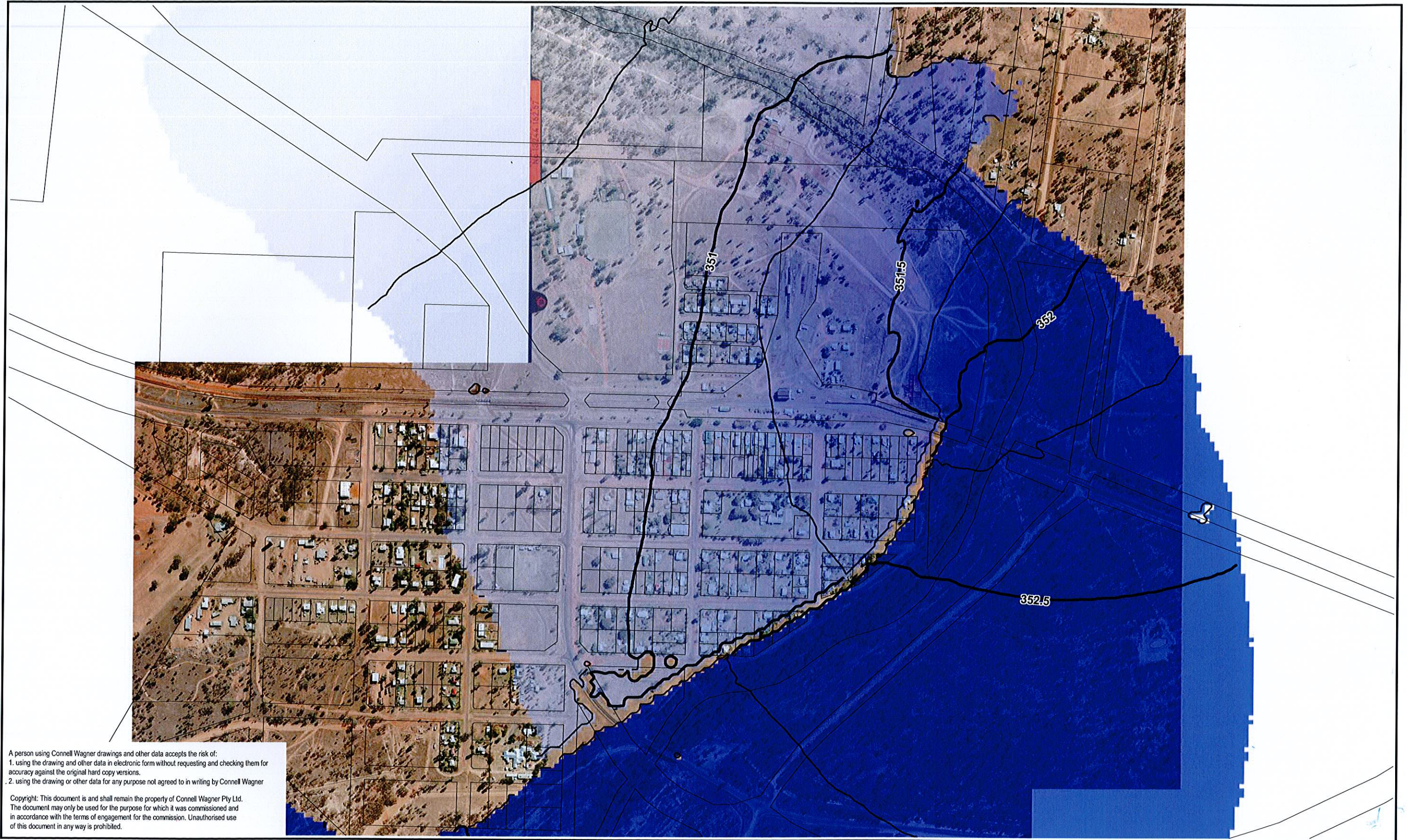
□ CADASTRE

— AFFLUX (m)

MITIGATION OPTION 4
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M4B

P:\S\WORK\A07201\MapInfo\Workspaces\Report\Figure_M4b.wor By: RAG Date: 13/06/07 Version 0



A person using Connell Wagner drawings and other data accepts the risk of:

1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.



Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



0 400 (m)

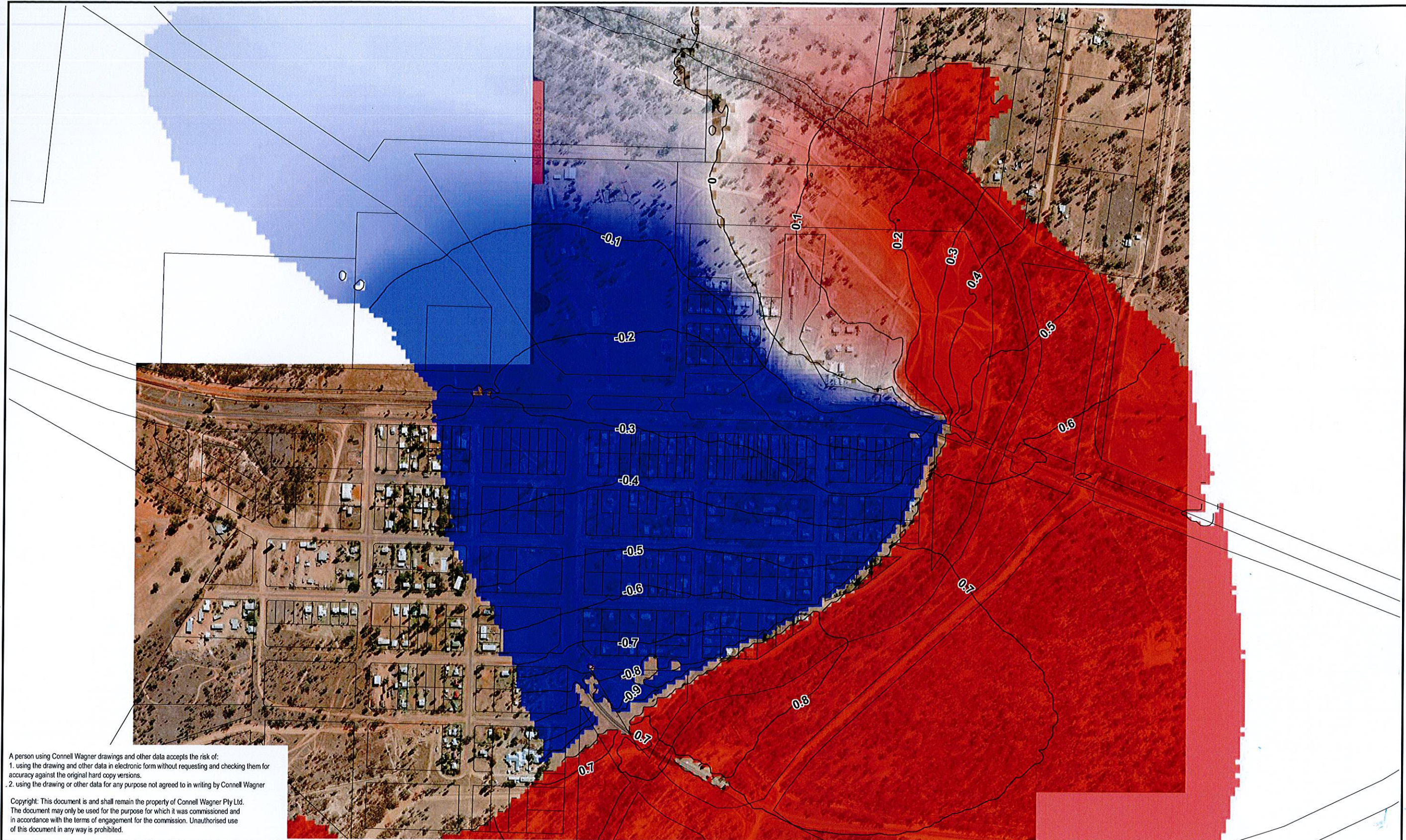
Scale 1:8 000 (m) (@ A3 size)

LEGEND

-  CADASTRE
-  FLOOD LEVEL (m AHD)

MITIGATION OPTION 5
PEAK WATER LEVELS
BASED ON APRIL 1990 EVENT

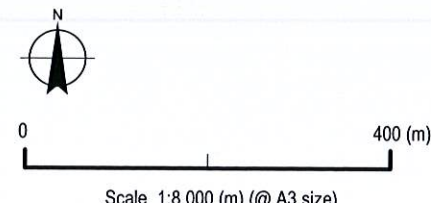
FIGURE M5A



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



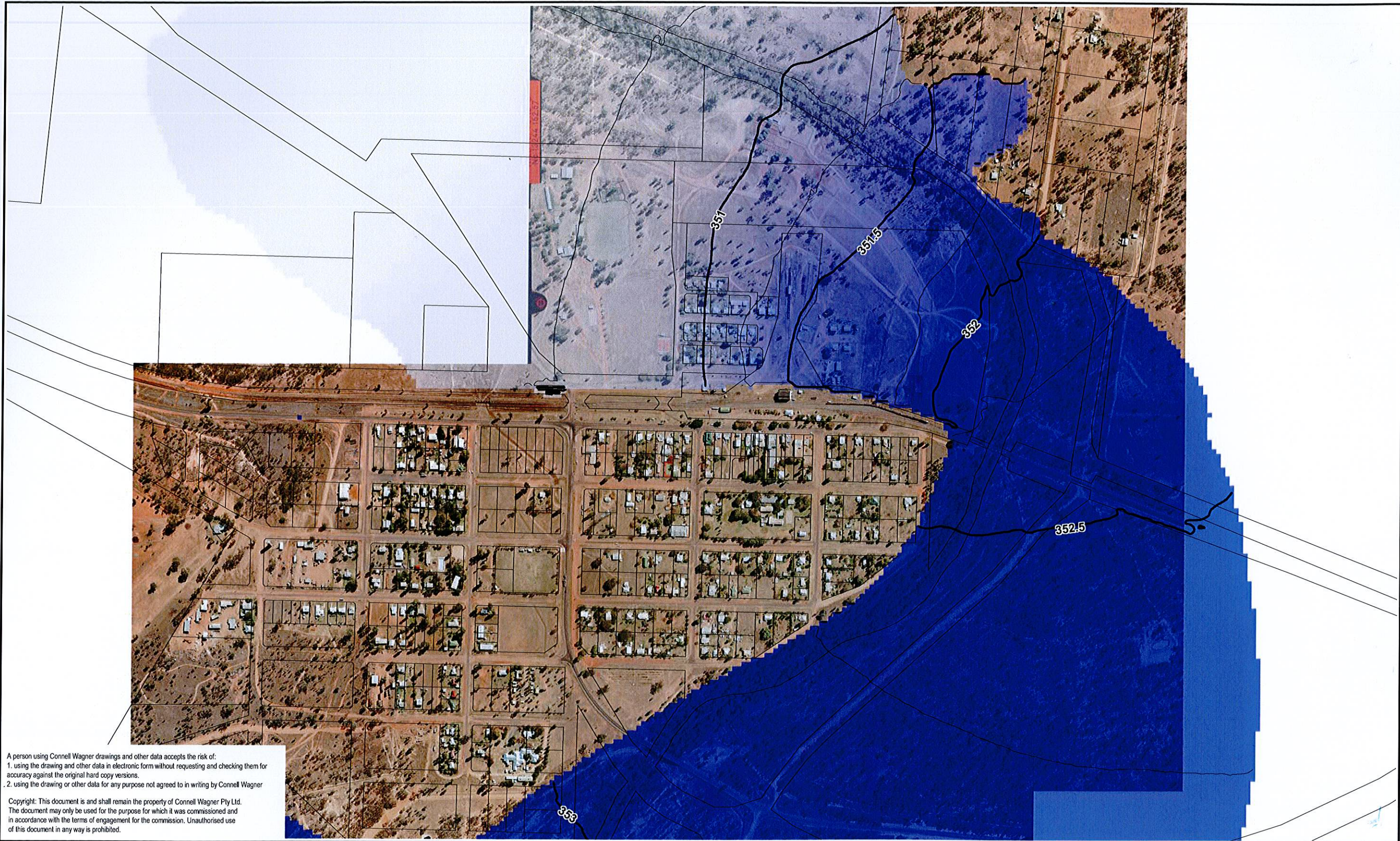
LEGEND

— CADASTRE

— AFFLUX (m)

MITIGATION OPTION 5
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M5B

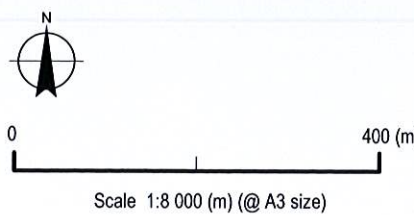


P:\SMM\WORK\A07201\W\MapInfo\Workspaces\Report\Figure_M6A.wor By: RAG Date: 13/06/07 Version 0



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

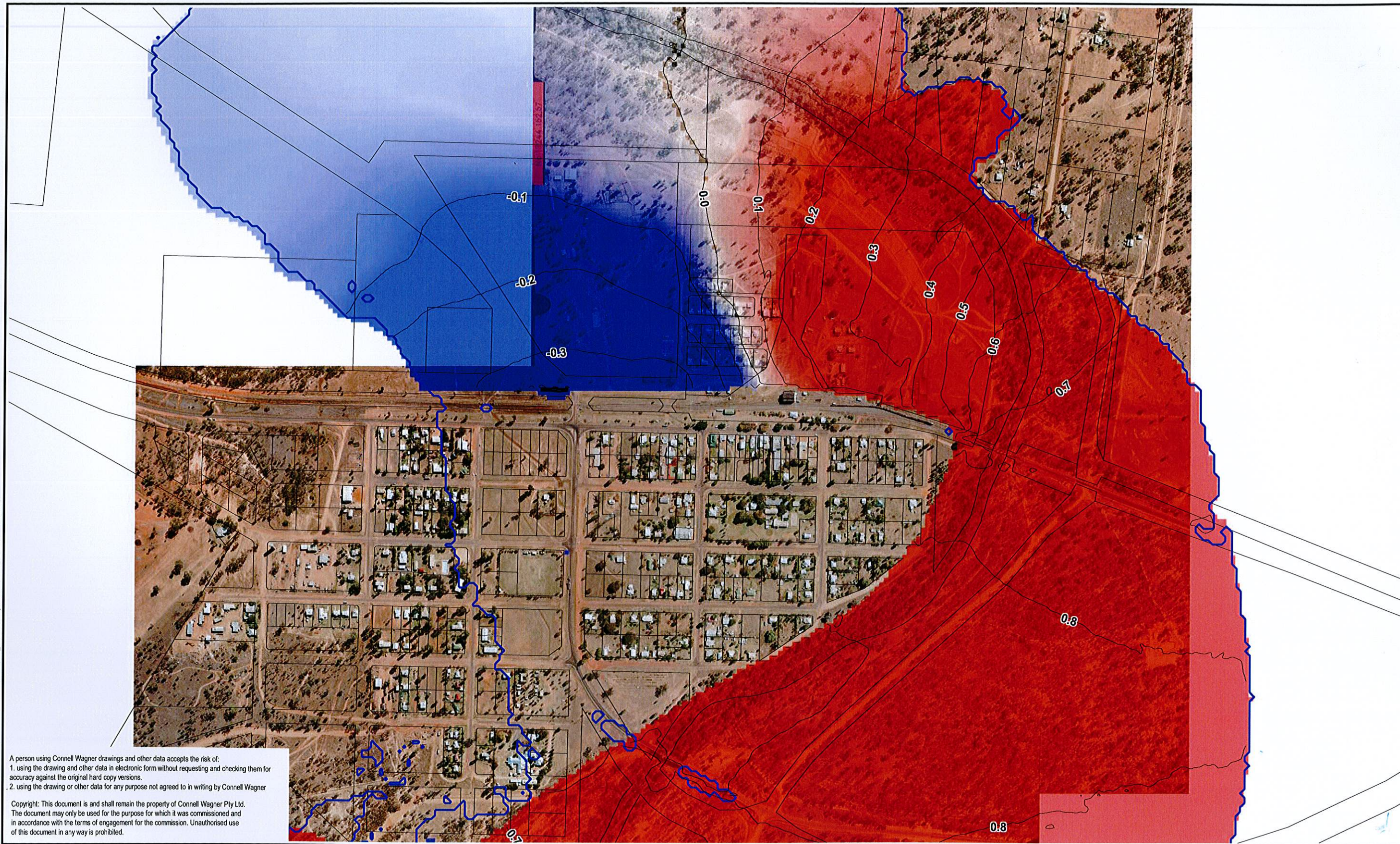


LEGEND

	CADASTRE
	FLOOD LEVELS (m AHD)

MITIGATION OPTION 6
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M6A

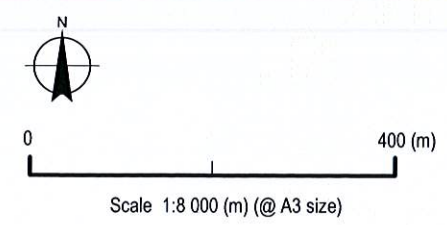


P:\SWM\WORK\A07201\WMA\MapInfo\Workspaces\Report\Figure_M6b.wor By: RAG Date: 10/12/07 Version: 1




A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

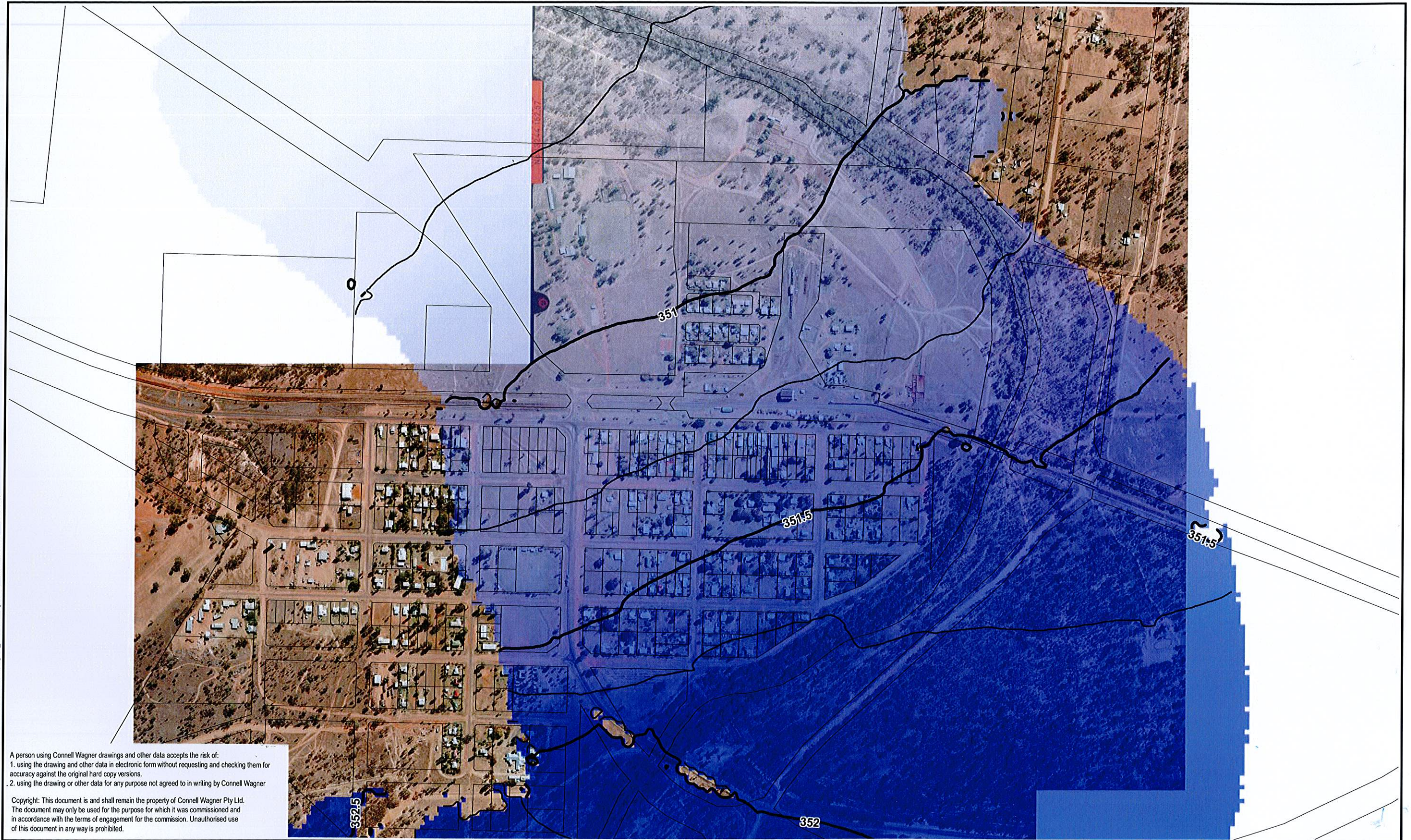


LEGEND

 CADASTRE	 CURRENT INUNDATION EXTENT
 AFFLUX (m)	

MITIGATION OPTION 6
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M6B



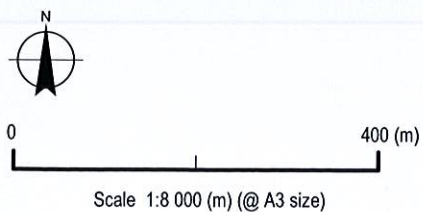
P:\S\W\WORK\A07201\MapInfo\Workspaces\Report\Figure_M7a.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:



1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

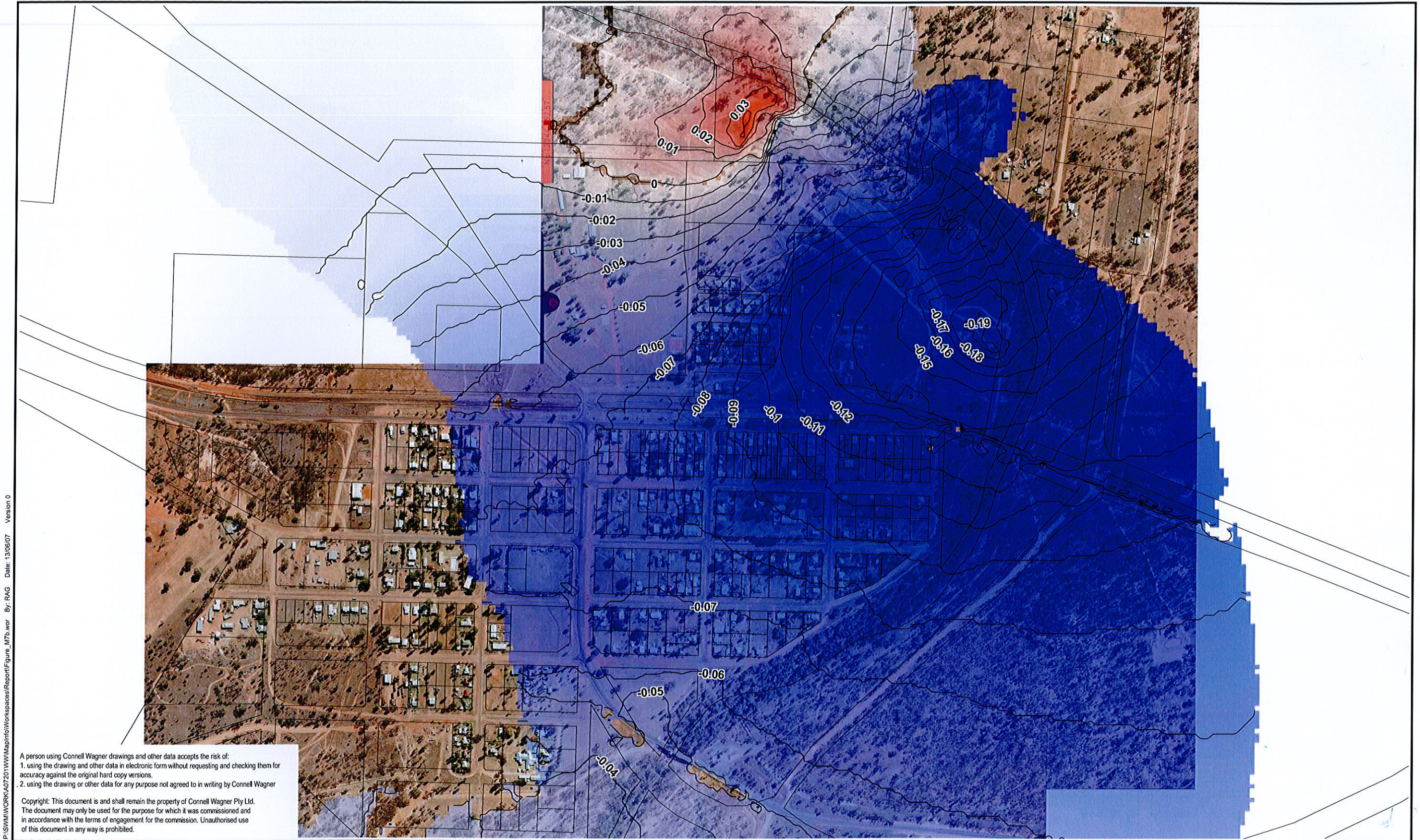


LEGEND

	CADASTRE
	FLOOD LEVEL (m AHD)

MITIGATION OPTION 7
PEAK WATER LEVEL
BASED ON APRIL 1990 EVENT

FIGURE M7A

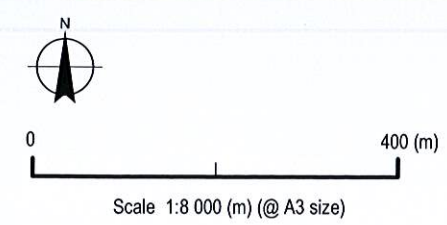


P:\S\W\WORK\A07201\W\MapInfo\Workspaces\Report\Figure_M7b.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



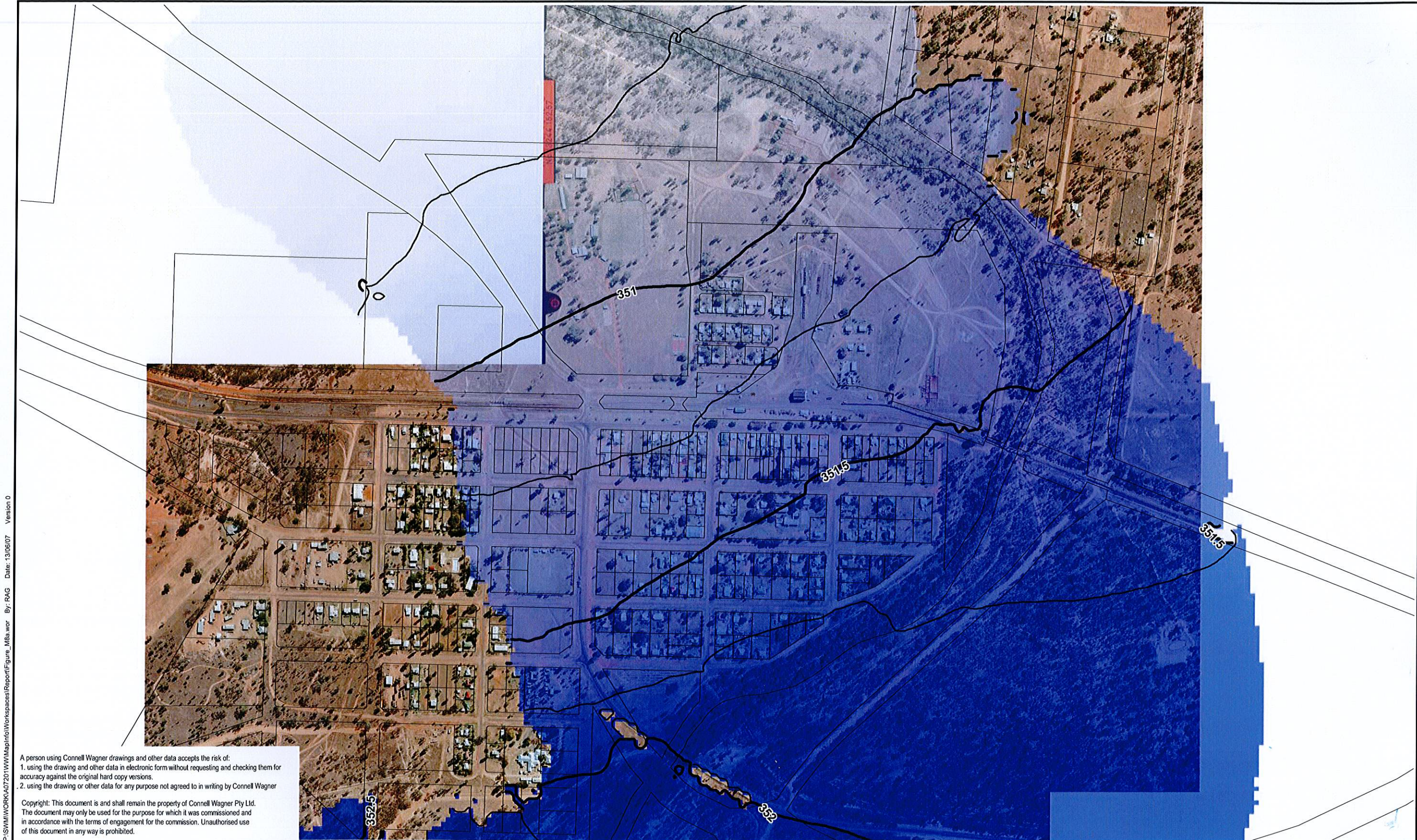
LEGEND

□ CADASTRE

— AFFLUX (m)

MITIGATION OPTION 7
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M7B

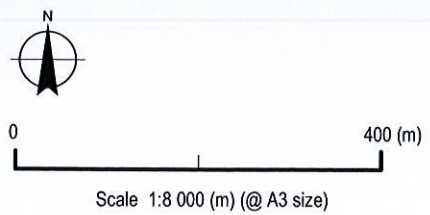


P:\S\W\WORK\07201\W\MapInfo\Workspaces\Report\Figure_M8a.mxd By: RAG Date: 13/05/07 Version: 0



A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

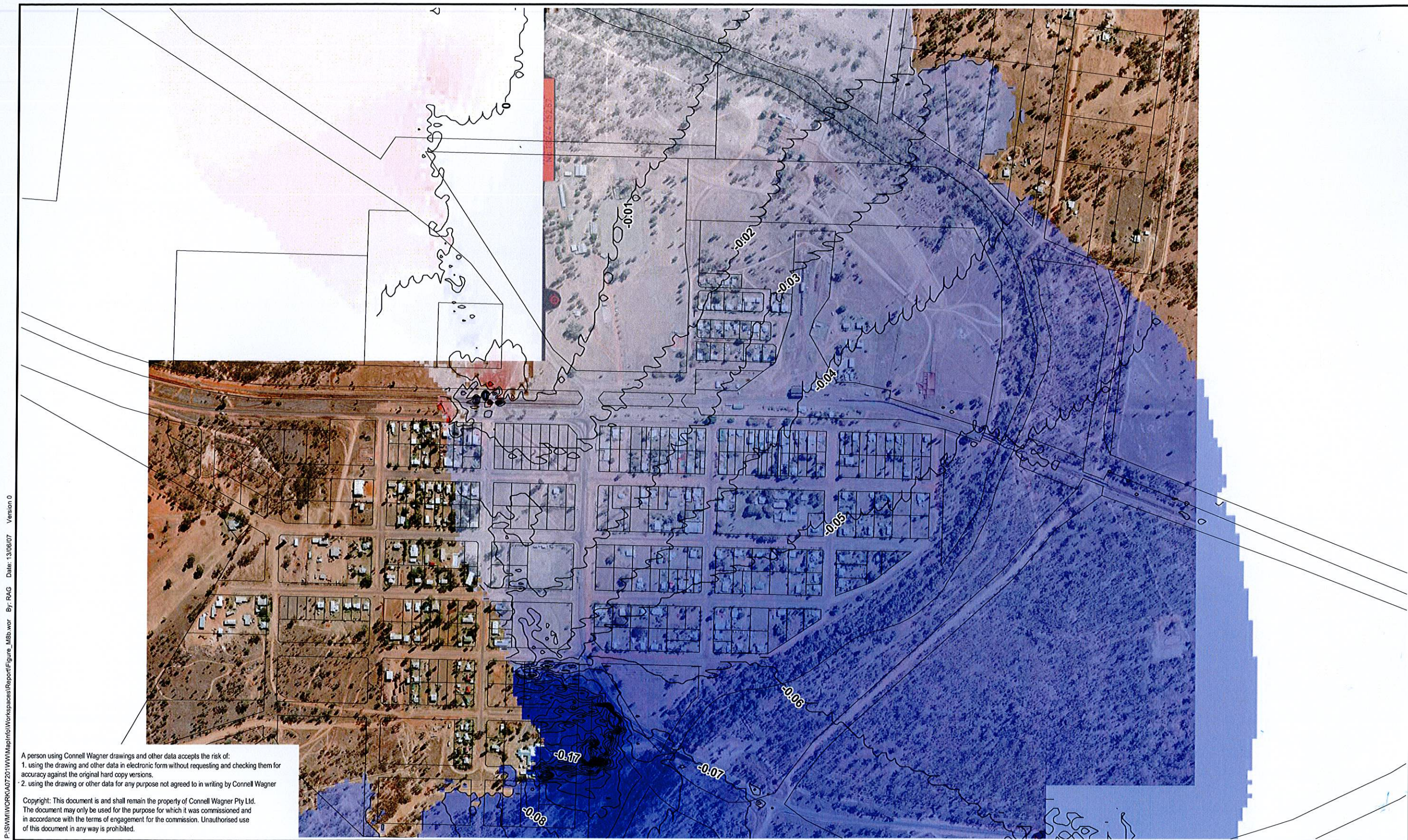


LEGEND

	CADASTRE
	FLOOD LEVEL (m AHD)

MITIGATION OPTION 8
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M8A

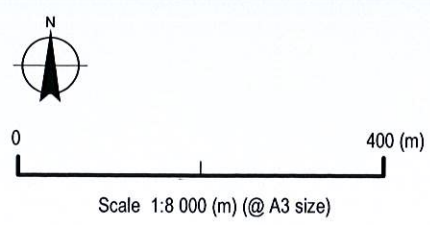


P:\S\MI\WORK\04072011\MI\MapInfo\Workspaces\Report\Figure_M8b.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

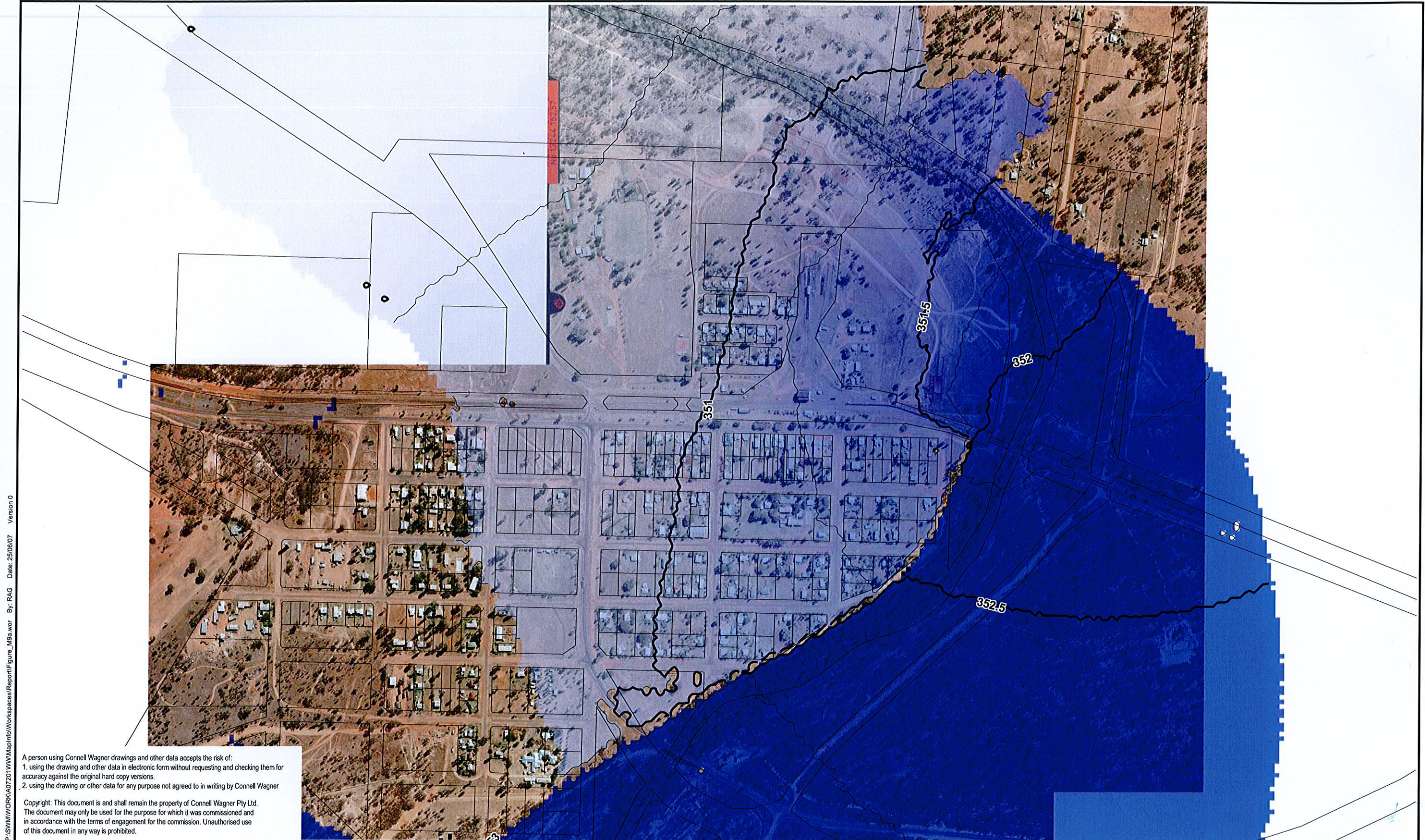
Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND
 [Outline] CADASTRE
 [Line] AFFLUX (m)

MITIGATION OPTION 8
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M8B

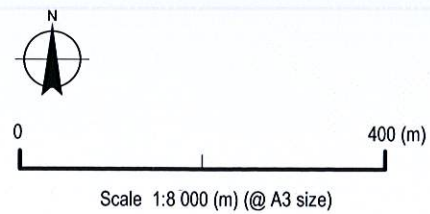


P:\S\W\WCR\047201\W\MapInfo\Workspaces\Report\Figure_M9a.wor By: RAG Date: 25/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

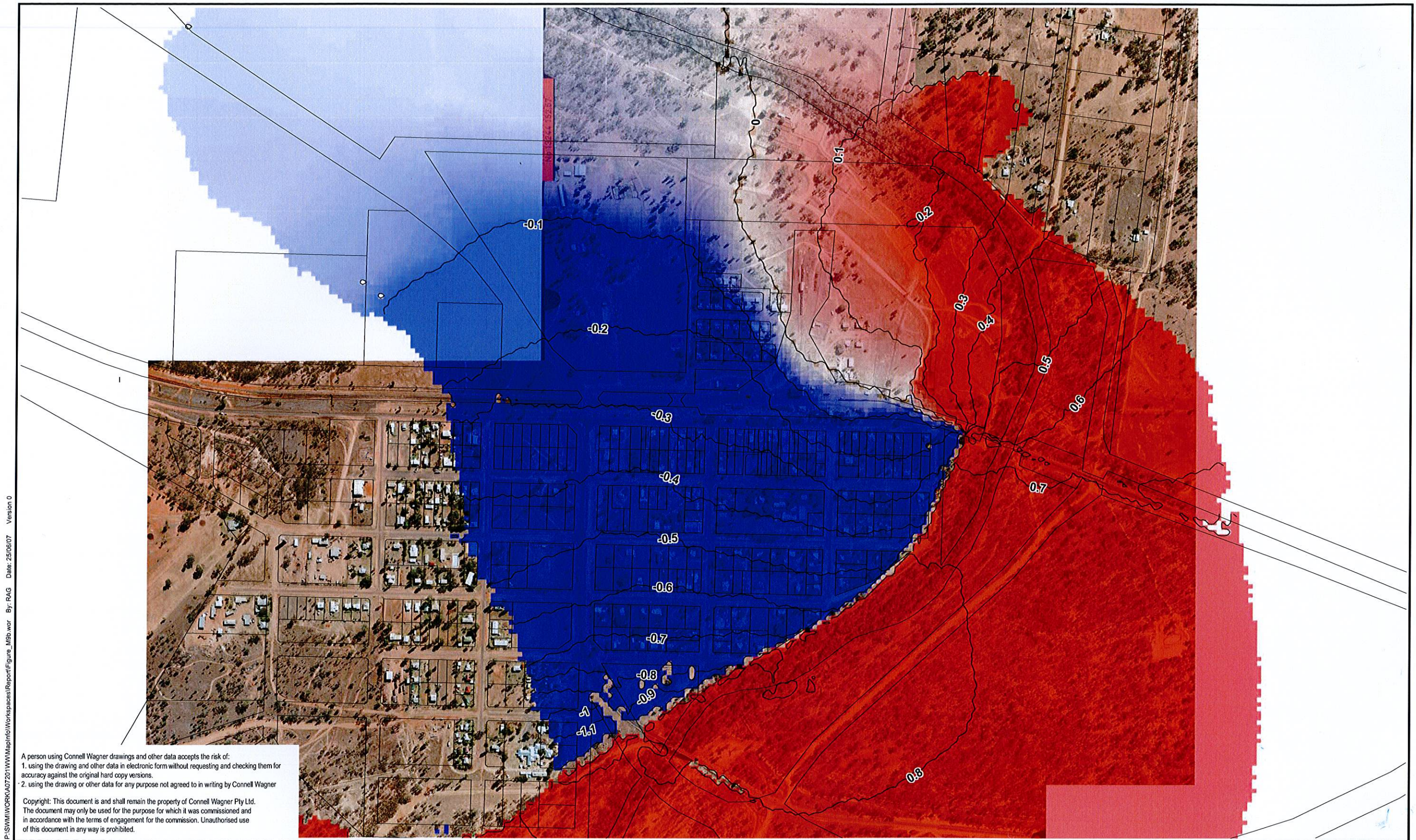


LEGEND

	Cadastre
	FLOOD LEVEL (m AHD)

MITIGATION OPTION 9
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M9A

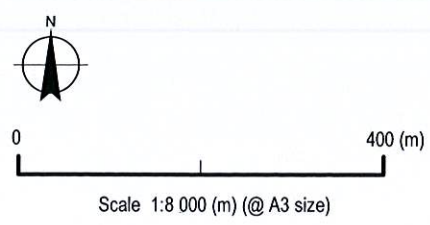


P:\S\W\WORK\07201\W\MapInfo\Workspaces\Report\Figure_M9B.wor By: RAG Date: 25/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

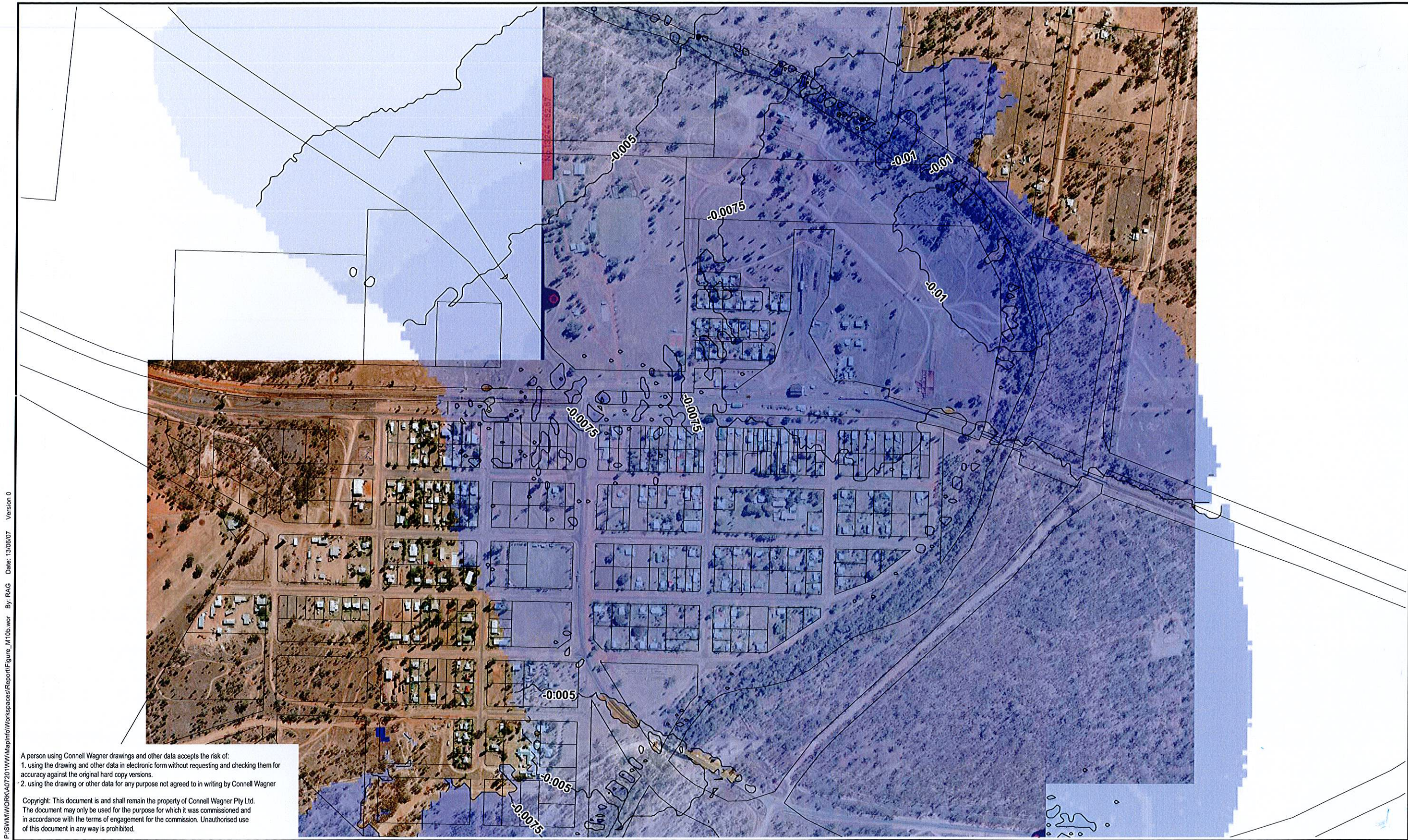
Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND
 [Black outline] CADASTRE
 [Black line] AFFLUX (m)

MITIGATION OPTION 9
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M9B



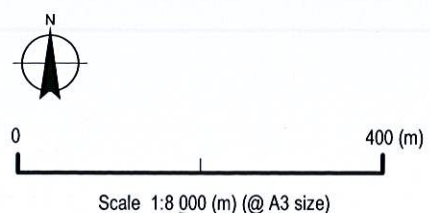
P:\S\W\WORK\07201\W\MapInfo\Workspaces\Report\Figure_M10b.mxd Date: 13/06/07 Version: 0

A person using Connell Wagner drawings and other data accepts the risk of:

1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.

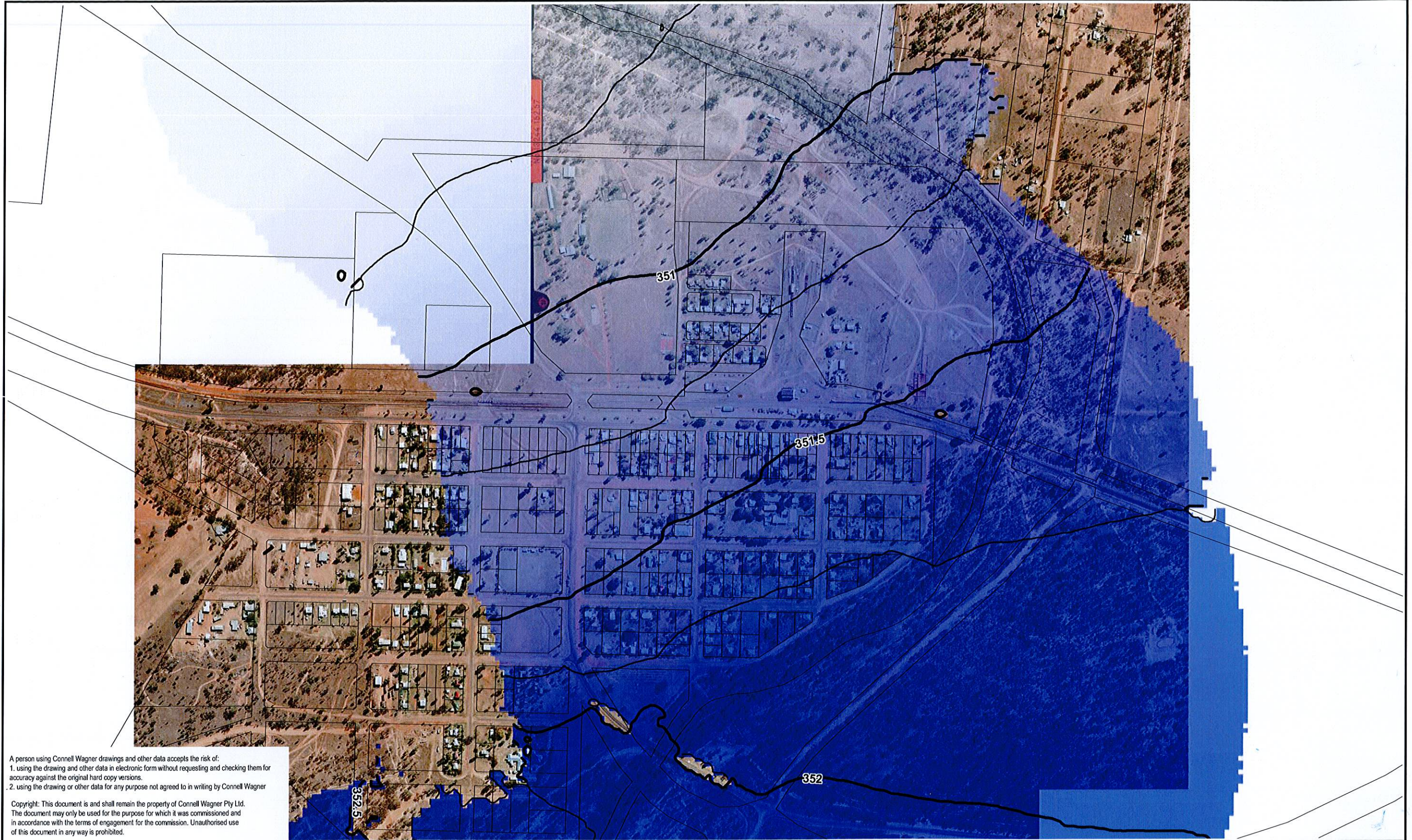


LEGEND

- CADASTRE
- AFFLUX (m)

**MITIGATION OPTION 10
DIFFERENCE IN FLOOD LEVELS
BASED ON APRIL 1990 EVENT**

FIGURE M10B

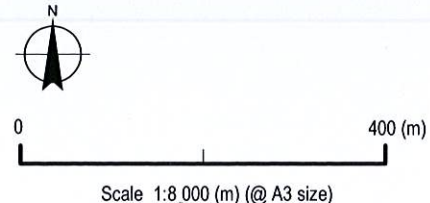


P:\S\W\W\RR\A07201\W\MapInfo\Workspaces\Report\Figure_M11.a.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

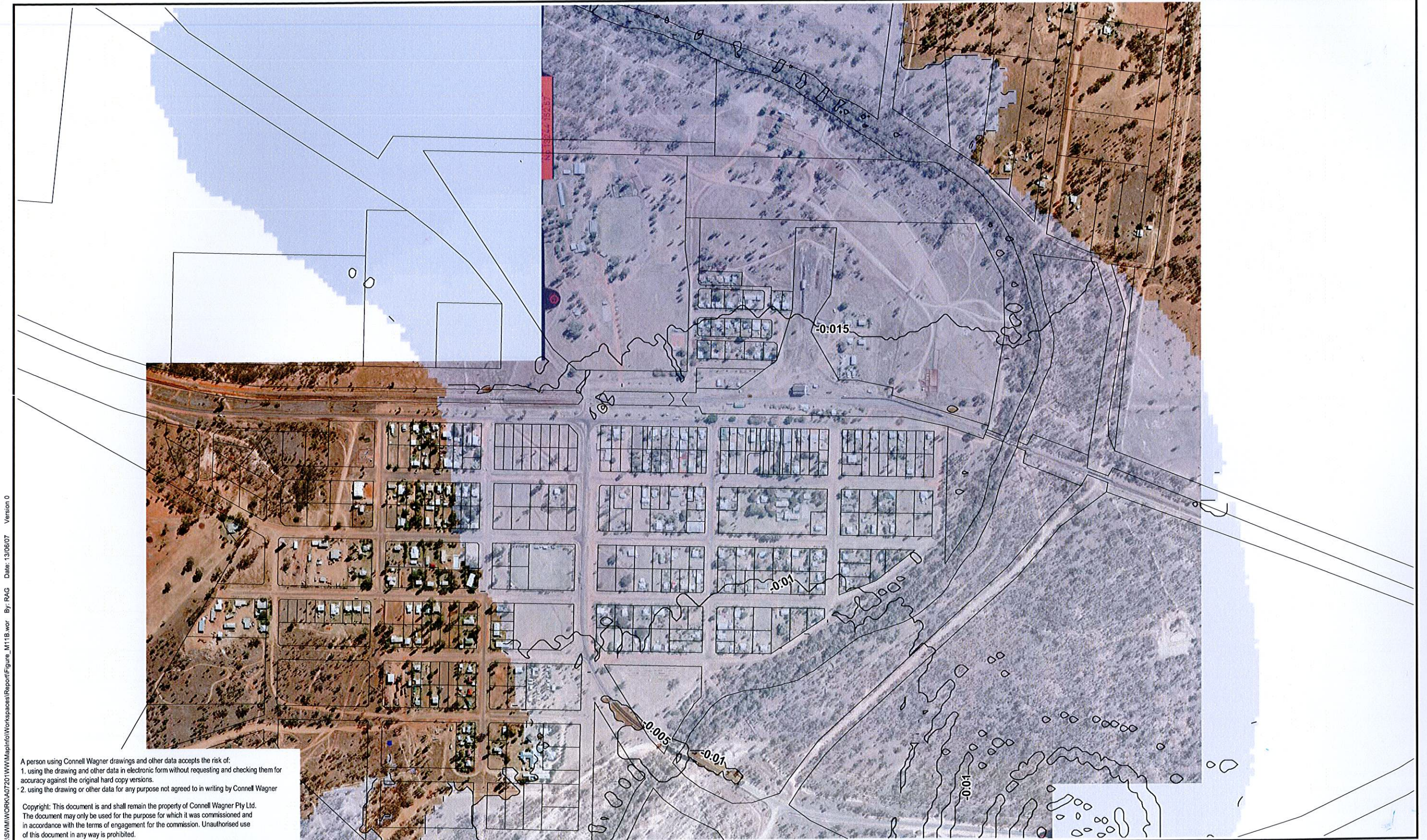
Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND
 [White outline box] CADASTRE
 [Thick black line] FLOOD LEVEL (m AHD)

MITIGATION OPTION 11
 PEAK WATER LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M11A

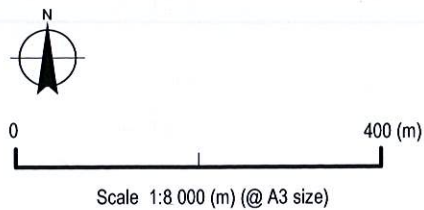


P:\S\MM\WORK\A07201\MM\Info\Workspaces\Report\Figure_M11B.wor By: RAG Date: 13/06/07 Version 0

A person using Connell Wagner drawings and other data accepts the risk of:
 1. using the drawing and other data in electronic form without requesting and checking them for accuracy against the original hard copy versions.
 2. using the drawing or other data for any purpose not agreed to in writing by Connell Wagner

Copyright: This document is and shall remain the property of Connell Wagner Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for the commission. Unauthorised use of this document in any way is prohibited.

Connell Wagner has exercised all due care in the production of this map. Connell Wagner makes no warranty or representation to the Client or third parties (expressed or implied) in respect of the information conveyed on this Map, particularly with regard to any commercial investment decision made on the basis of this Map. Use of this Map by the Client or third parties shall be at their own risk, and extracts from this Map may only be published with permission of Connell Wagner. The inundation extents indicated on this map have been estimated using aerial laser survey topographic data and should be considered as approximate only. This map has been prepared for use by Jericho Shire Council for preliminary planning purposes only. This drawing is based on information provided to Connell Wagner by other parties. This drawing is provided strictly on the basis that the information that has been provided is accurate, complete and adequate. Connell Wagner takes no responsibility and disclaims all liability whatsoever for any loss or damage that the Client may suffer resulting from any conclusions based on information provided to Connell Wagner, except to the extent that Connell Wagner expressly indicates that it has verified the information to its satisfaction.



LEGEND

-  CADASTRE
-  AFFLUX (m)

MITIGATION OPTION 11
 DIFFERENCE IN FLOOD LEVELS
 BASED ON APRIL 1990 EVENT

FIGURE M11B