TEMORA SHIRE COUNCIL

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

AUGUST 2023

VOLUME 2 – FIGURES

DRAFT REPORT FOR PUBLIC EXHIBITION

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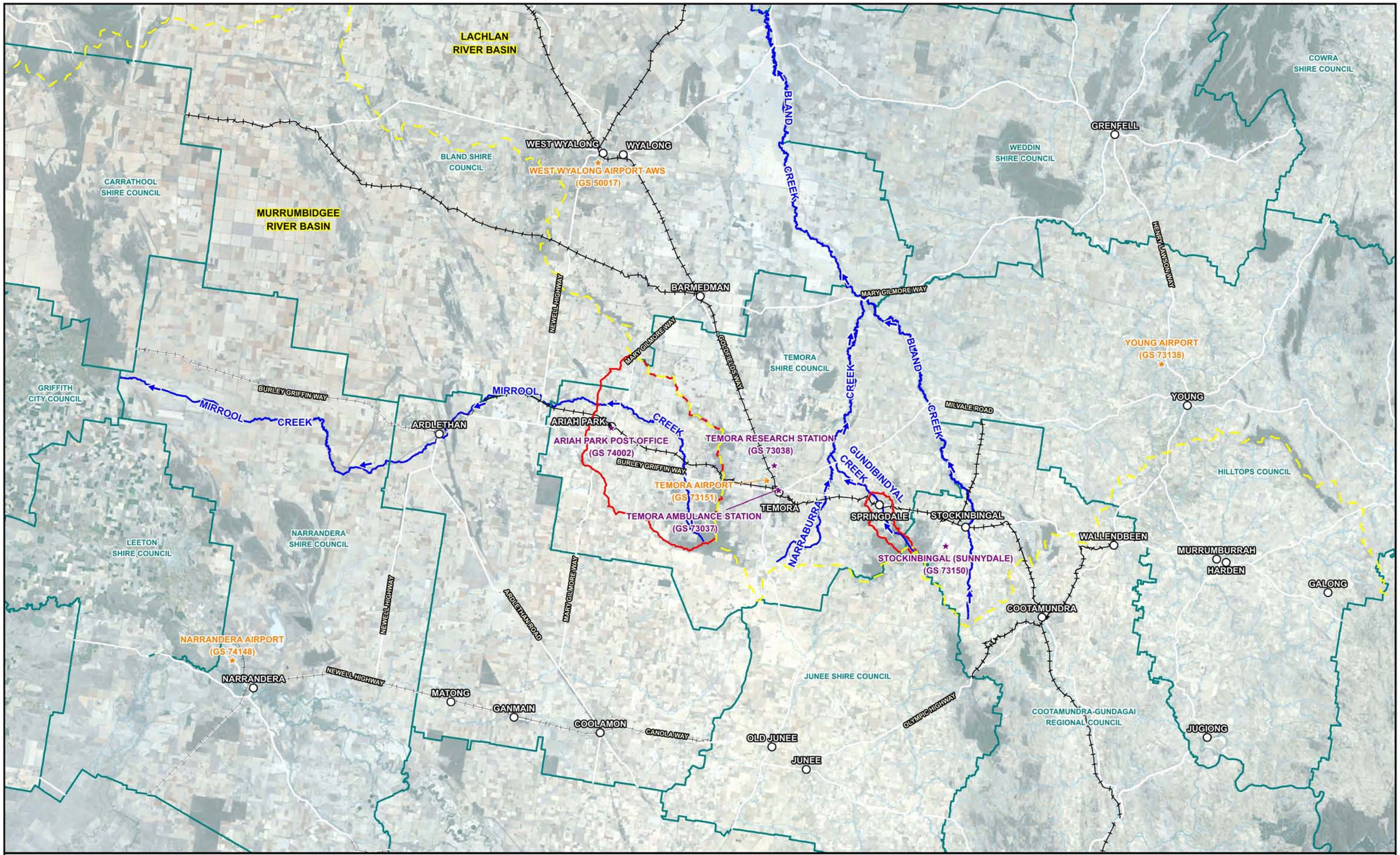
LIST OF FIGURES (MAIN REPORT)



N

6 0 6 12 18 km

Scale: 1:600,000

Lyall & Associates

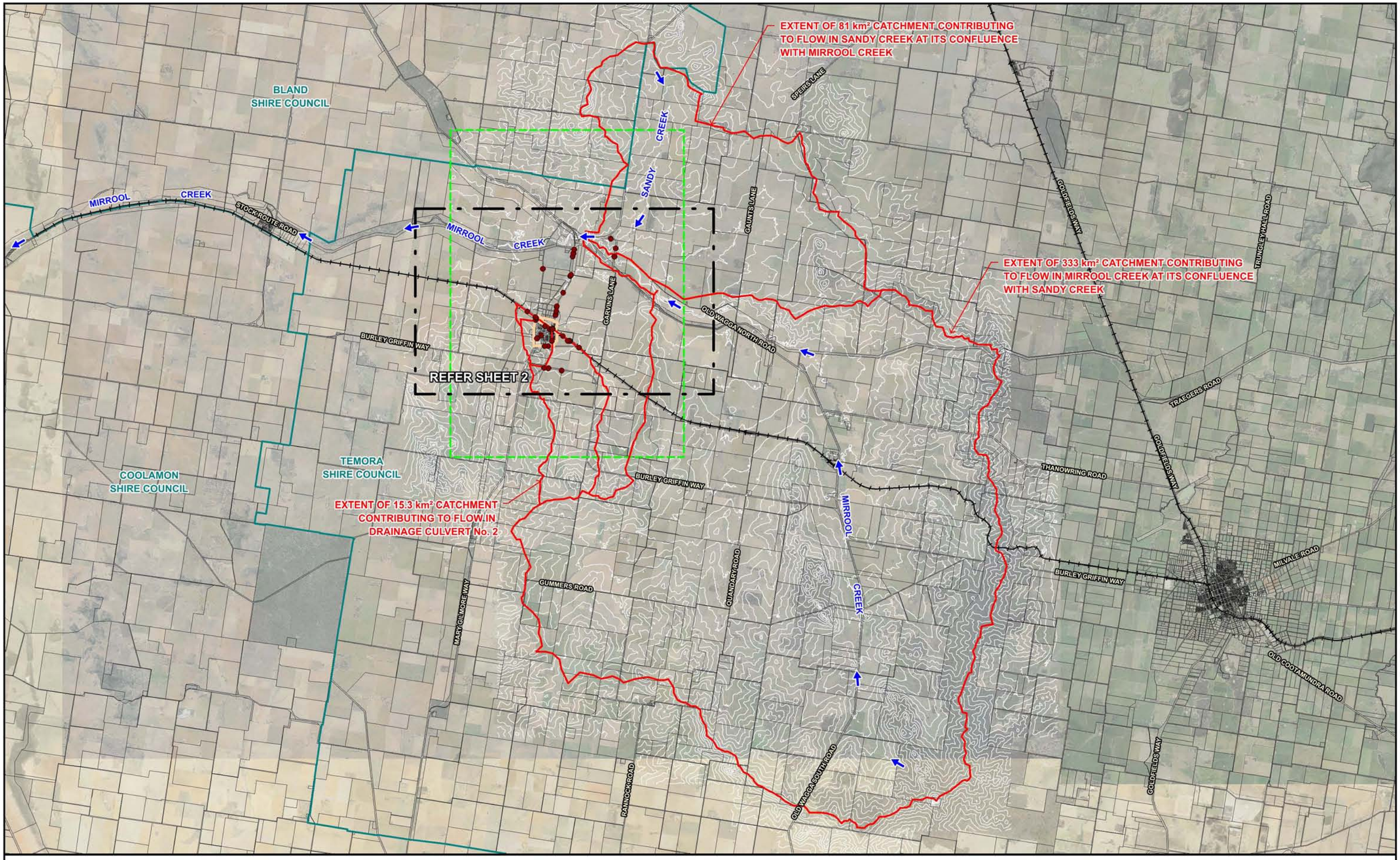
LEGEND

- Study Catchments
- BoM All Weather Station (AWS)
- BoM Daily Rainfall Station
- LGA Boundary
- River Basin Catchment Boundary

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 1.1

LOCATION PLAN



N

1500 0 1500 3000 4500 m

Scale: 1:150,000

Lyall & Associates

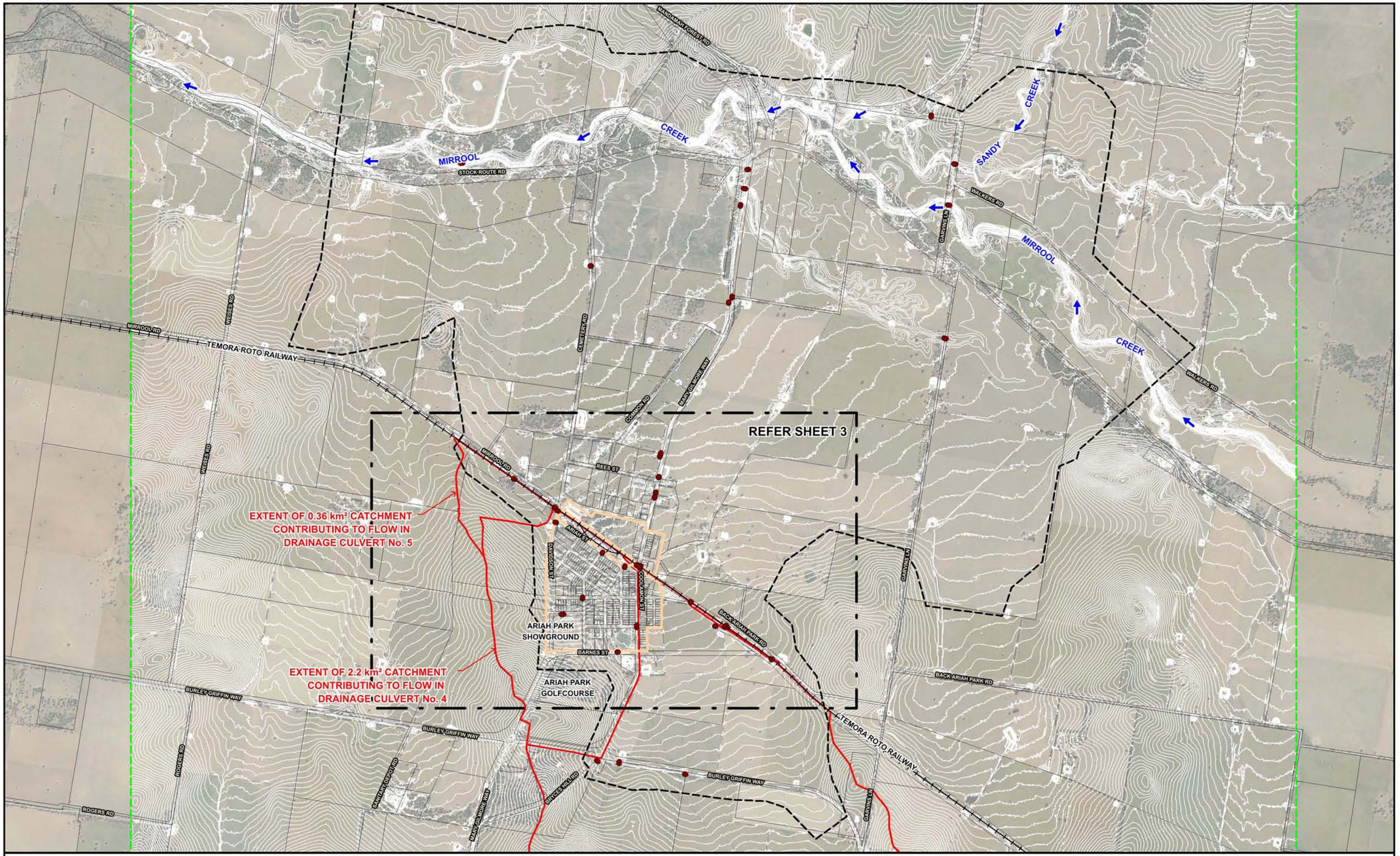
LEGEND

- Catchment Boundary
- LGA Boundary
- Existing Piped Drainage System
- Extent of Barmedman2019 LiDAR Survey Data
- Ariah Park Village Centre

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.1
(Sheet 1 of 3)

EXISTING DRAINAGE SYSTEM AT ARIAH PARK



N

300 0 300 600 900 m

Scale: 1:30,000

LEGEND

- Catchment Boundary
- Existing Piped Drainage System
- Extent of Barmedman2019 LiDAR Survey Data
- Ariah Park Village Centre

Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.1
(Sheet 2 of 3)

EXISTING DRAINAGE SYSTEM AT ARIAH PARK

TEMORA-ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
DAVIDSON ST
REID ST
EXTENT OF 0.36 km² CATCHMENT CONTRIBUTING TO FLOW IN DRAINAGE CULVERT No. 5
EXTENT OF 0.005 km² CATCHMENT CONTRIBUTING TO FLOW IN DRAINAGE CULVERT No. 3
ARIAH PARK CENTRAL SCHOOL
ARIAH PARK RAILWAY CULVERT No. 1
PITT ST
ASHTON ST
LITTLE GEORGE ST
GEORGE ST
EXTENT OF 0.014 km² CATCHMENT CONTRIBUTING TO FLOW IN DRAINAGE CULVERT No. 1
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
TEMORA-ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N
100 0 100 200 300 m
Scale: 1:10,000

Lyall & Associates

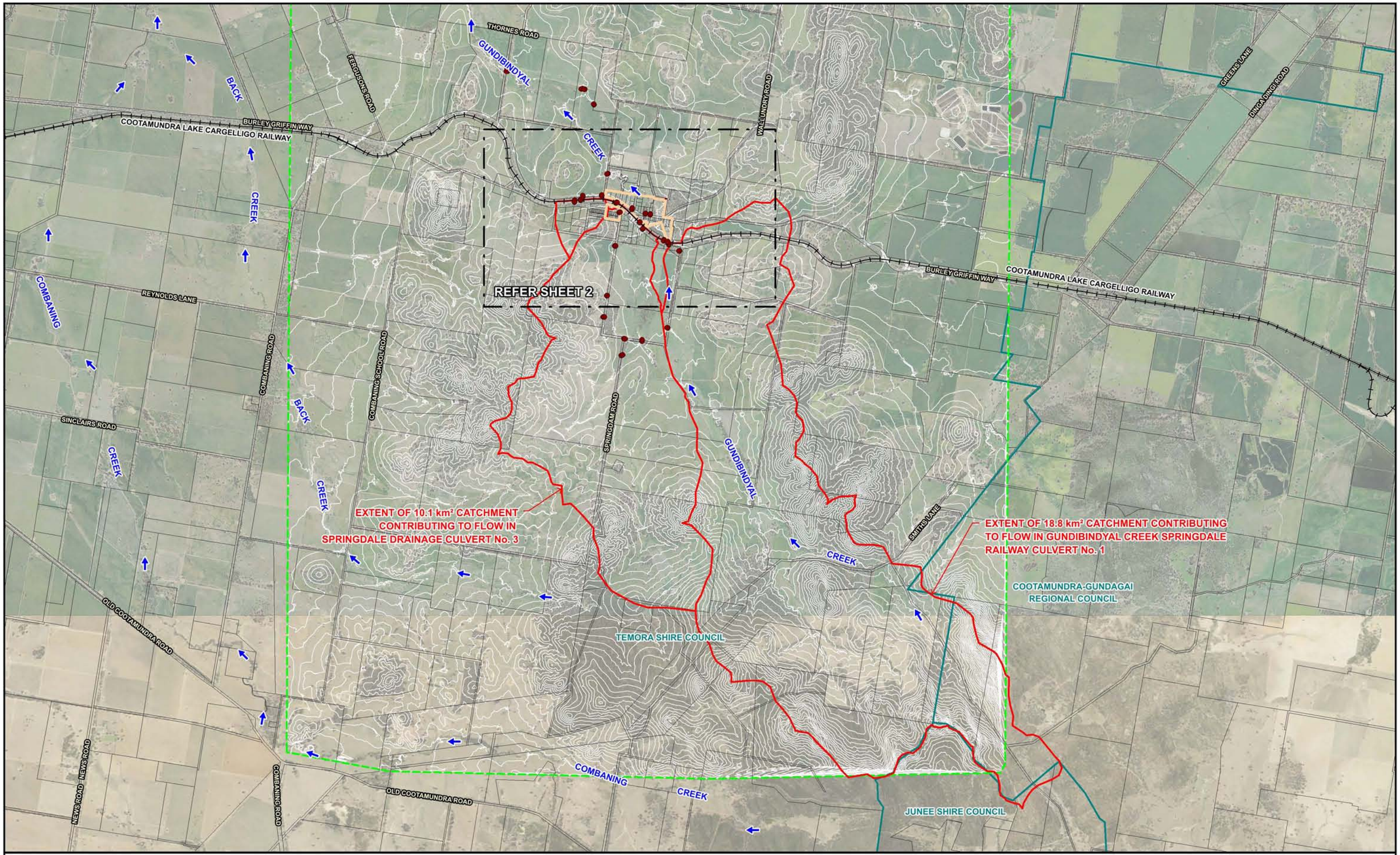
LEGEND

- Catchment Boundary
- Existing Piped Drainage System
- Ariah Park Village Centre

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.1
(Sheet 3 of 3)

EXISTING DRAINAGE SYSTEM AT ARIAH PARK



N

500 0 500 1000 1500 m

Scale: 1:50,000

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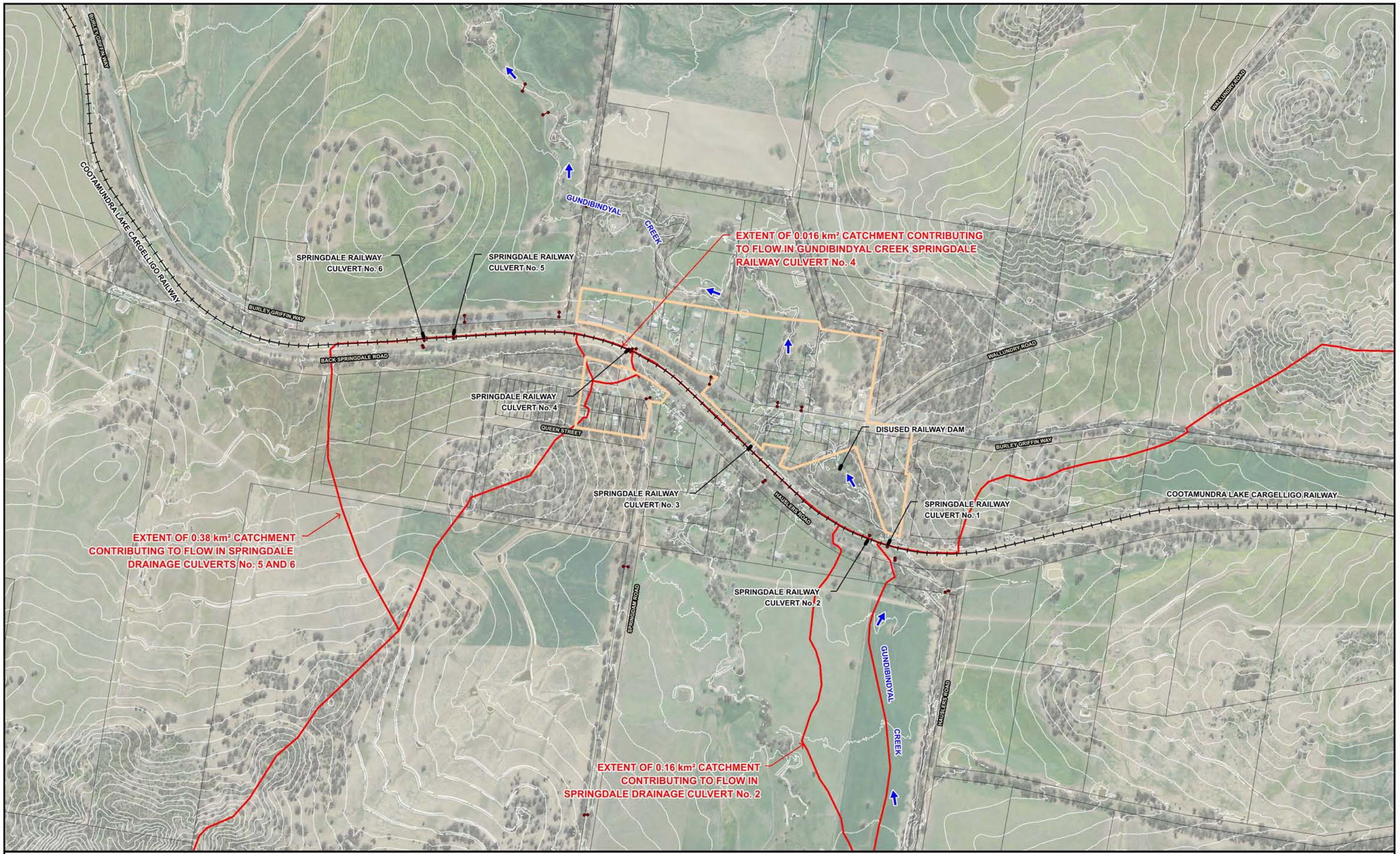
LEGEND

- Catchment Boundary
- LGA Boundary
- Existing Piped Drainage System
- Extent of Springdale2016 LiDAR Survey Data
- Springdale Village Centre

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.2
(Sheet 1 of 2)

EXISTING DRAINAGE SYSTEM AT SPRINGDALE



N

100 0 100 200 300 m

Scale: 1:10,000

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LEGEND

- Catchment Boundary
- Existing Piped Drainage System
- Springdale Village Centre

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.2
(Sheet 2 of 2)

EXISTING DRAINAGE SYSTEM AT SPRINGDALE

Indicative Depth of Inundation (m)

- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.40
- 0.40 to 0.50
- 0.50 to 0.60
- 0.60 to 0.70
- 0.70 to 0.80
- 0.80 to 0.90
- 0.90 to 1.00
- > 1.00

MANDAMAH FOREST RD
MARY GILMORE WAY
SANDY CREEK
MIRROOL CREEK
STOCK ROUTE RD
AP10
AP09
Q01
Q19
WALKERS RD
GARVINS LN
GEMETERY RD
COMMON RD
MIRROOL RD
WEBSES RD
TEMORA ROTO RAILWAY
REES ST
ARIAH ST
DAVIDSON ST
BACK ARIAH PARK RD
ARIAH PARK SHOWGROUND
ARIAH PARK GOLFCOURSE
REFER SHEET 2
BURLEY GRIFFIN WAY
ROGERS RD
SANITARY DEPOT RD
BRYCES MILL RD
AP03
AP02
AP01
Q05
Q04
Q03
Q02

N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

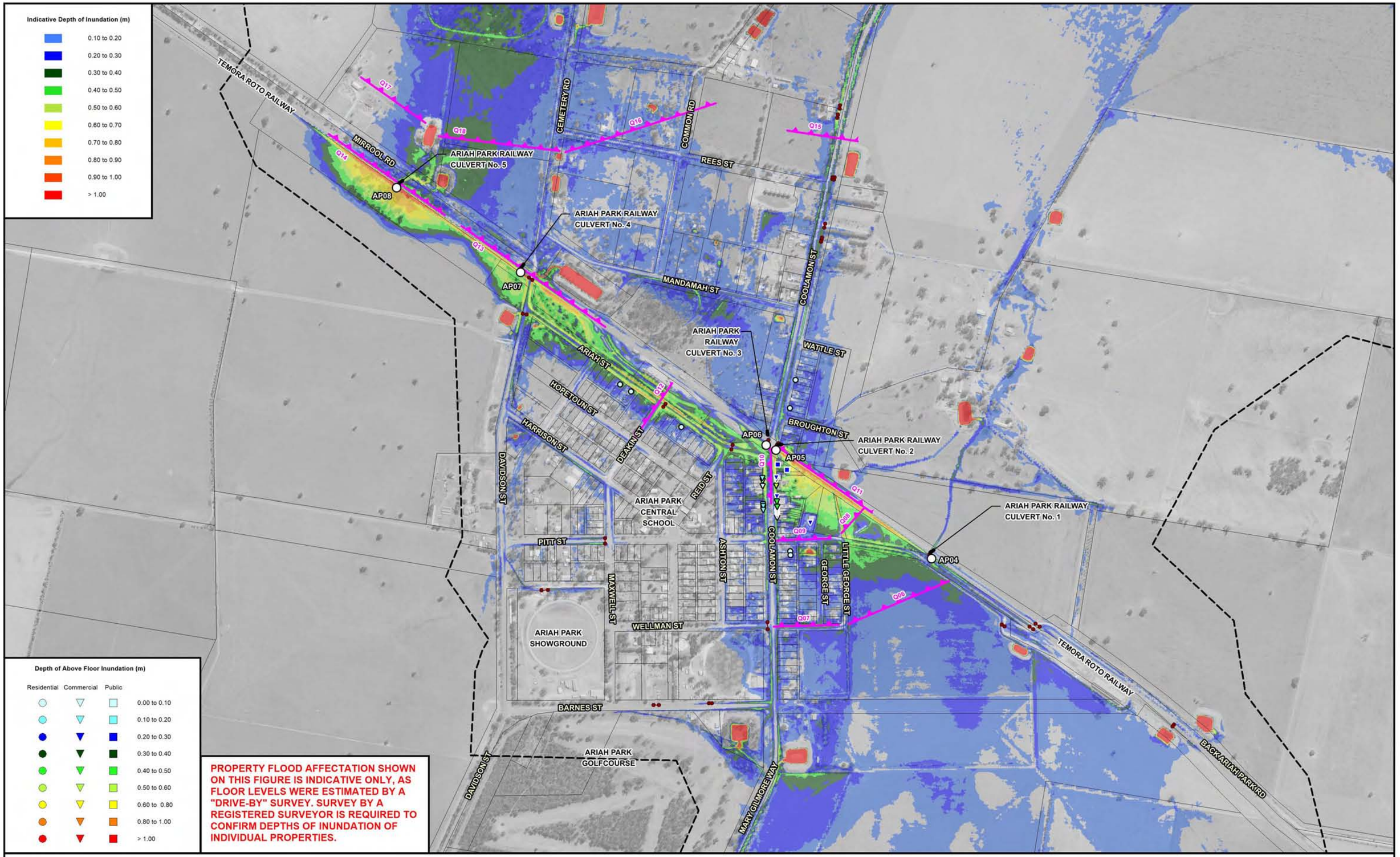
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- AP01 Peak Flood Level Location and Identifier
- Q01 Peak Flow Location and Identifier

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.3
(Sheet 1 of 2)

INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT ARIAH PARK
1% AEP



ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.3
(Sheet 2 of 2)

INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT ARIAH PARK
1% AEP

INSET

REFER INSET

Indicative Depth of Inundation (m)

	0.10 to 0.20
	0.20 to 0.30
	0.30 to 0.40
	0.40 to 0.50
	0.50 to 0.60
	0.60 to 0.70
	0.70 to 0.80
	0.80 to 0.90
	0.90 to 1.00
	> 1.00

Depth of Above Floor Inundation (m)

Residential	Commercial	Public	
			0.00 to 0.10
			0.10 to 0.20
			0.20 to 0.30
			0.30 to 0.40
			0.40 to 0.50
			0.50 to 0.60
			0.60 to 0.80
			0.80 to 1.00
			> 1.00

PROPERTY FLOOD AFFECTATION SHOWN ON THIS FIGURE IS INDICATIVE ONLY, AS FLOOR LEVELS WERE ESTIMATED BY A "DRIVE-BY" SURVEY. SURVEY BY A REGISTERED SURVEYOR IS REQUIRED TO CONFIRM DEPTHS OF INUNDATION OF INDIVIDUAL PROPERTIES.

250 0 250 500 750 m
Scale: 1:25,000

100 0 100 200 300 m
Scale: 1:10,000

N

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NOTE:
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Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

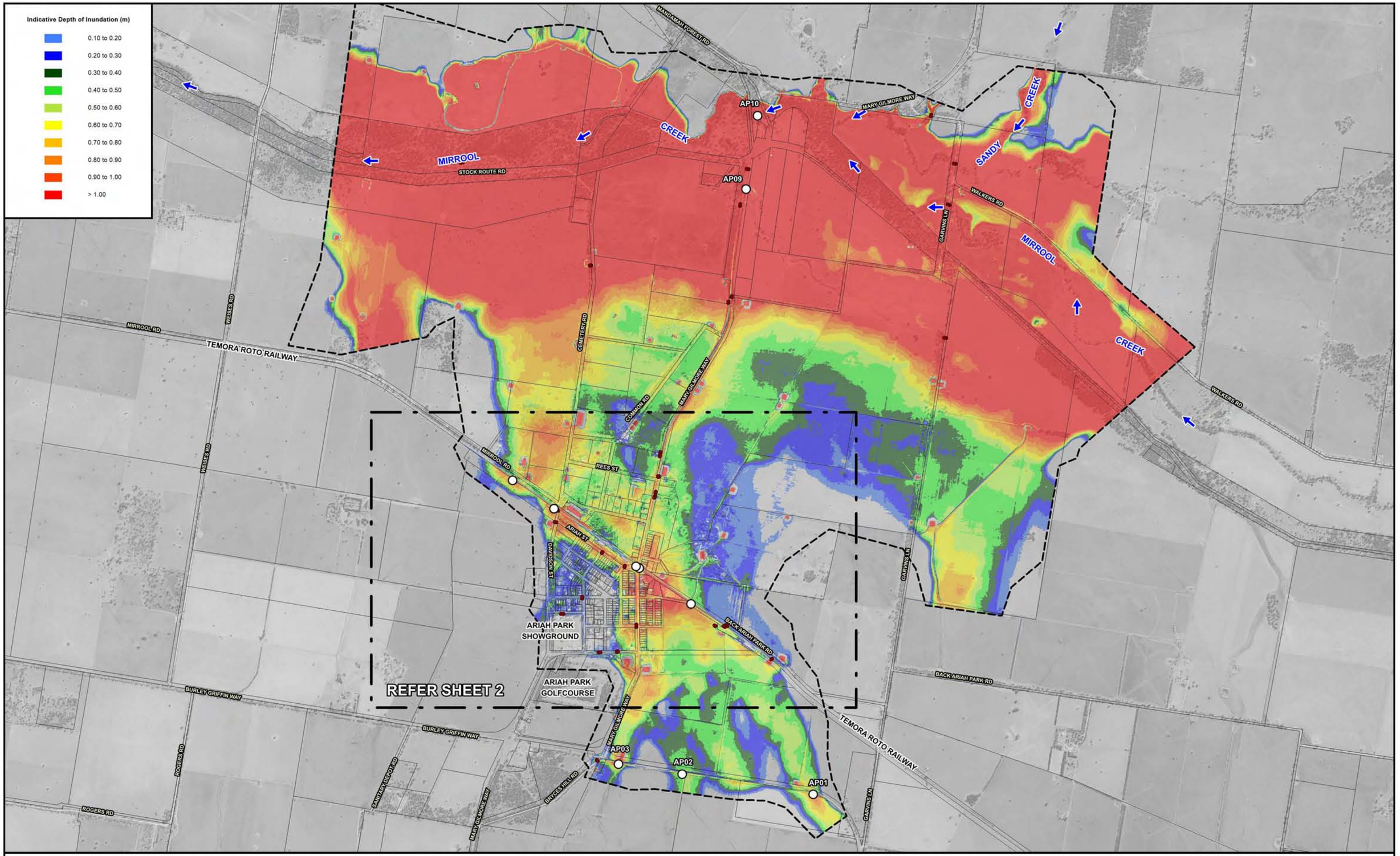
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- S01 Peak Flood Level Location and Identifier
- Q20 Peak Flow Location and Identifier

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.4

INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT SPRINGDALE
1% AEP



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NOTE:
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Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

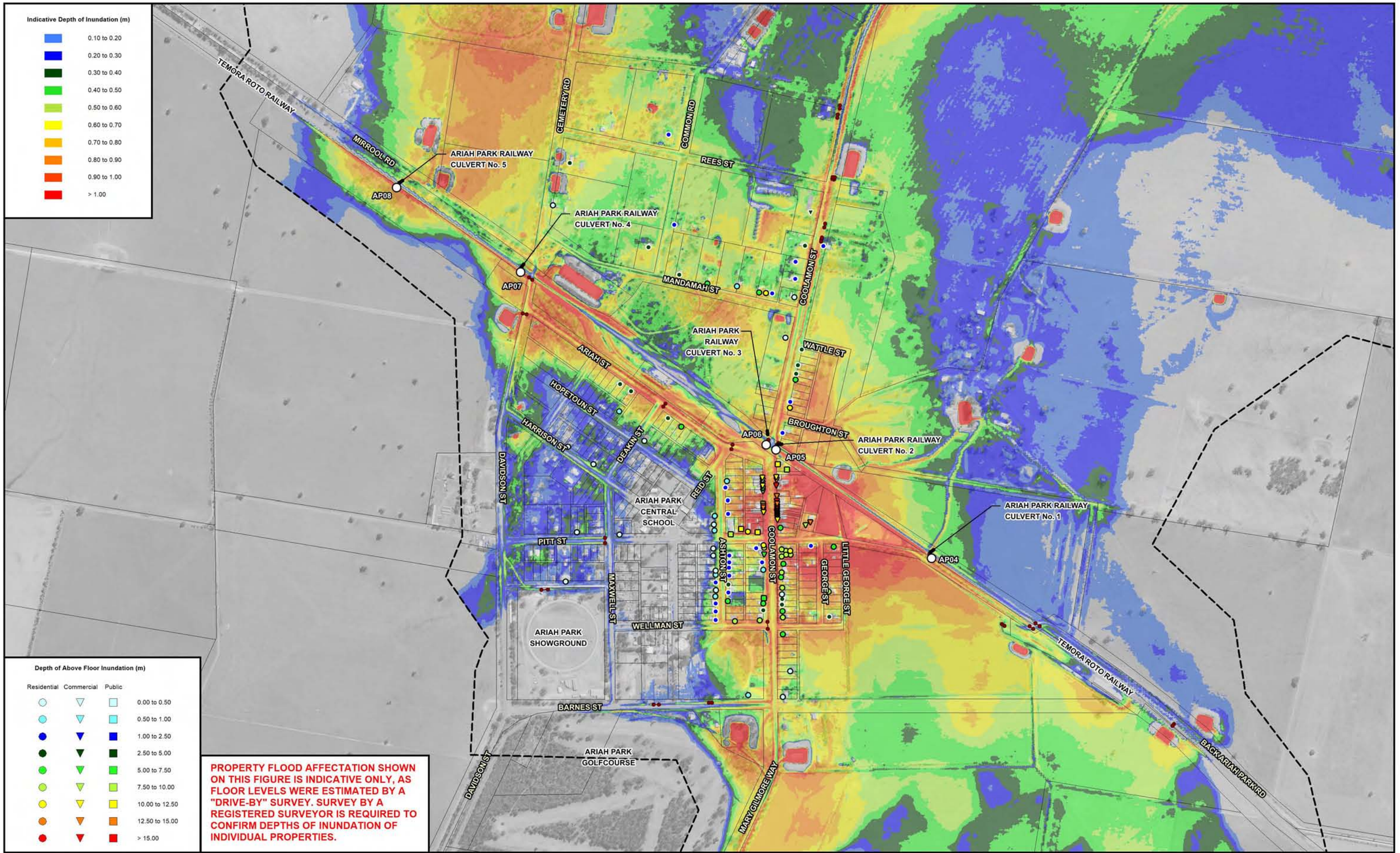
LEGEND

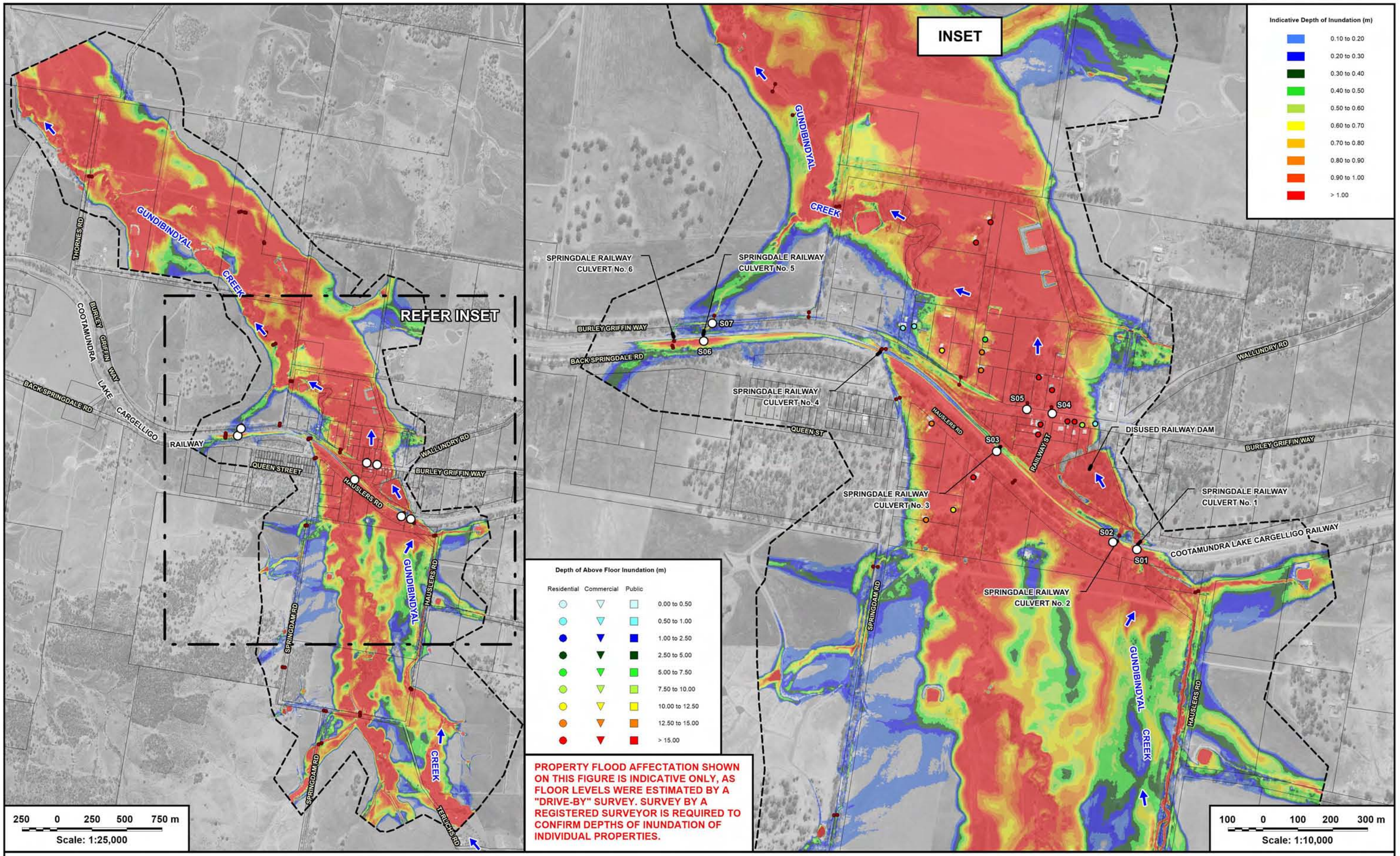
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- AP01 Peak Flood Level Location and Identifier

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.5
(Sheet 1 of 2)

INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT ARIAH PARK
PMF


Indicative Depth of Inundation (m)
0.10 to 0.20
0.20 to 0.30
0.30 to 0.40
0.40 to 0.50
0.50 to 0.60
0.60 to 0.70
0.70 to 0.80
0.80 to 0.90
0.90 to 1.00
> 1.00
TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
AP08
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
AP07
MANDAMAH ST
COOLAMON ST
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
AP06
ARIAH PARK RAILWAY CULVERT No. 2
AP05
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
ARIAH PARK RAILWAY CULVERT No. 1
PITT ST
COOLAMON ST
ASHTON ST
GEORGE ST
LITTLE GEORGE ST
AP04
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
TEMORA ROTO RAILWAY
BACK ARIAH PARK RD
BARNES ST
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY
Depth of Above Floor Inundation (m)
Residential Commercial Public
0.00 to 0.50
0.50 to 1.00
1.00 to 2.50
2.50 to 5.00
5.00 to 7.50
7.50 to 10.00
10.00 to 12.50
12.50 to 15.00
> 15.00
PROPERTY FLOOD AFFECTATION SHOWN ON THIS FIGURE IS INDICATIVE ONLY, AS FLOOR LEVELS WERE ESTIMATED BY A "DRIVE-BY" SURVEY. SURVEY BY A REGISTERED SURVEYOR IS REQUIRED TO CONFIRM DEPTHS OF INUNDATION OF INDIVIDUAL PROPERTIES.
N
100 0 100 200 300 m
Scale: 1:10,000
NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.
Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.
LEGEND
Two-Dimensional Model Boundary
Modelled Stormwater Drainage System
AP05
Peak Flood Level Location and Identifier
Lyall & Associates
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN
Figure 2.5
(Sheet 2 of 2)
INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT ARIAH PARK
PMF



PROPERTY FLOOD AFFECTATION SHOWN ON THIS FIGURE IS INDICATIVE ONLY, AS FLOOR LEVELS WERE ESTIMATED BY A "DRIVE-BY" SURVEY. SURVEY BY A REGISTERED SURVEYOR IS REQUIRED TO CONFIRM DEPTHS OF INUNDATION OF INDIVIDUAL PROPERTIES.

N

Lyall & Associates

NOTE:
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Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

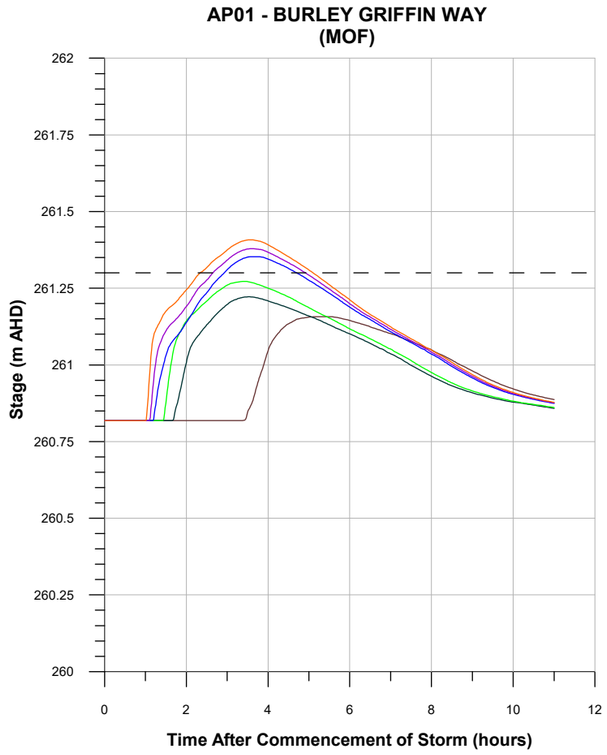
LEGEND

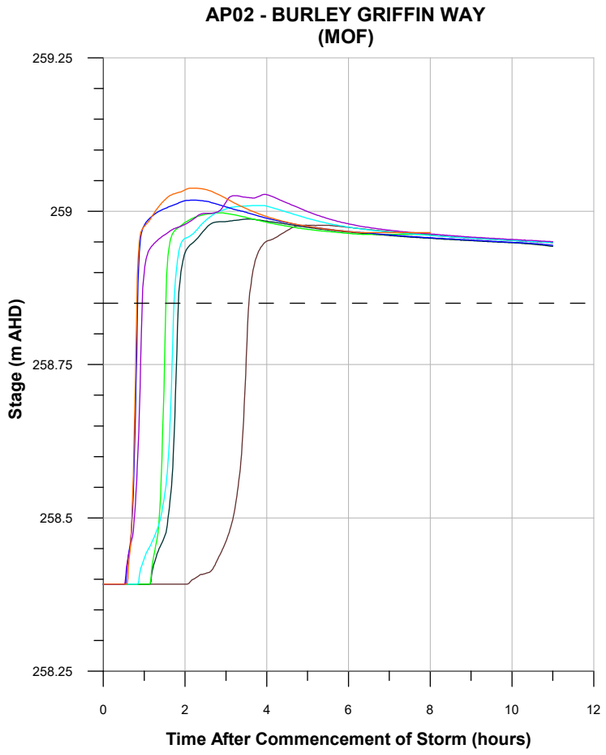
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- S01 Peak Flood Level Location and Identifier

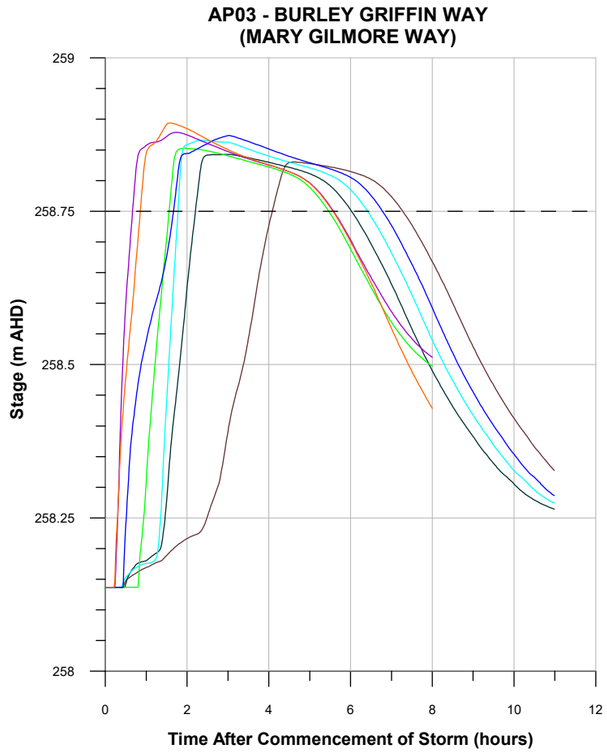
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

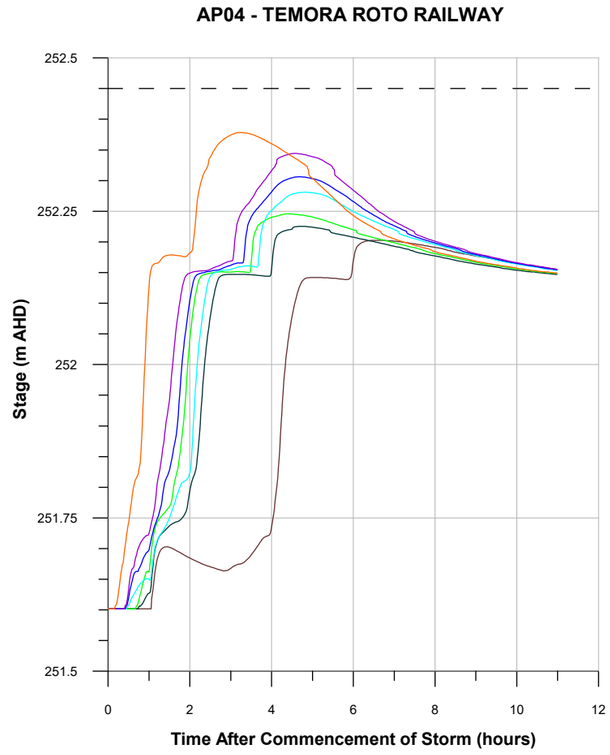
Figure 2.6

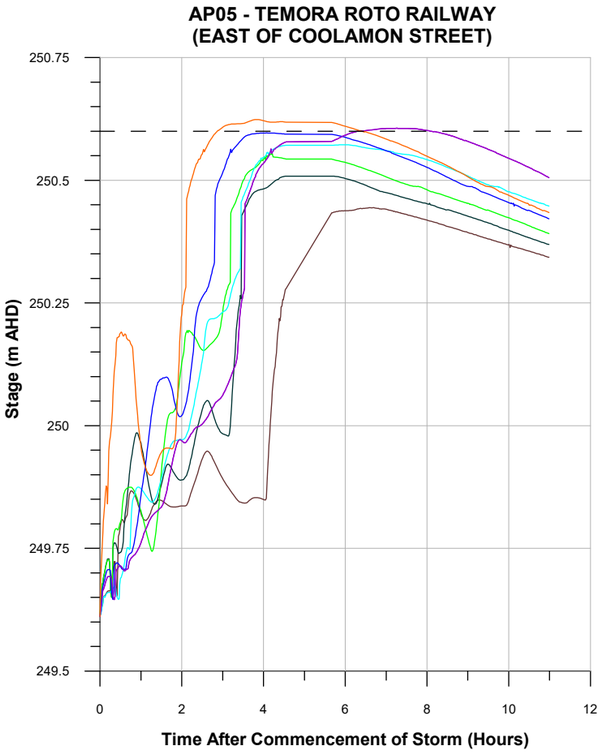
INDICATIVE EXTENT AND DEPTHS OF INUNDATION AT SPRINGDALE PMF

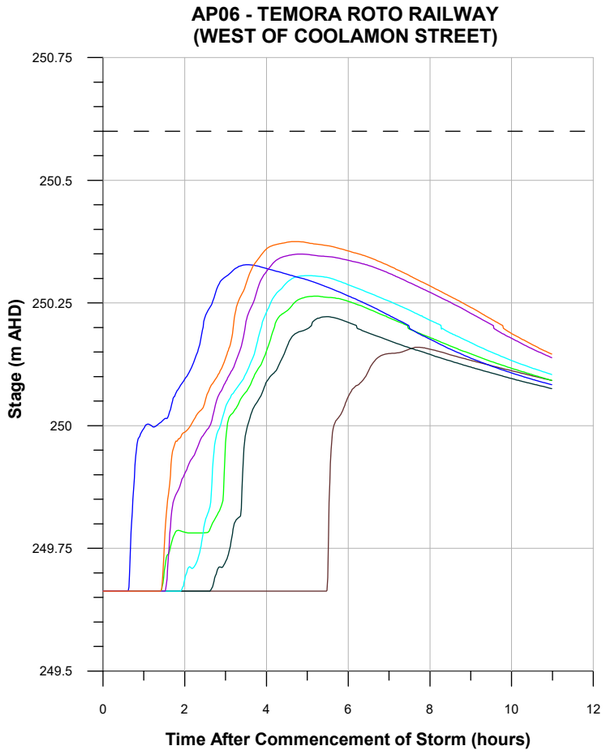


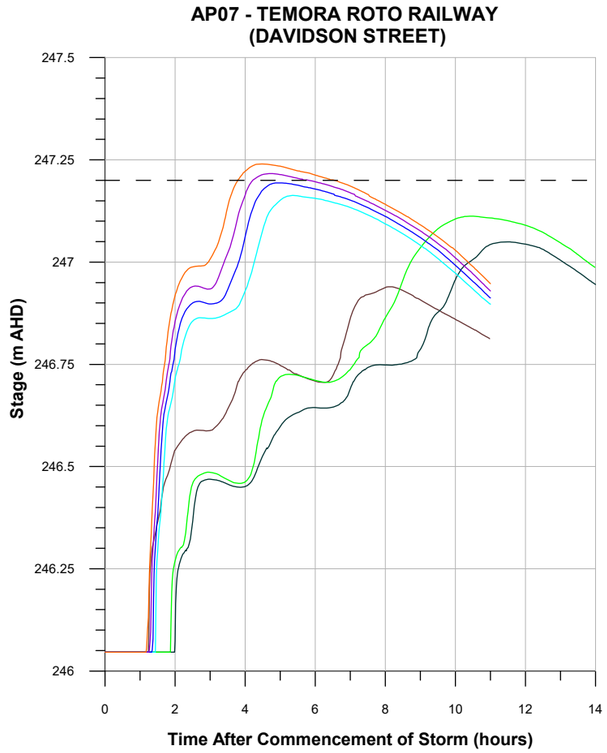


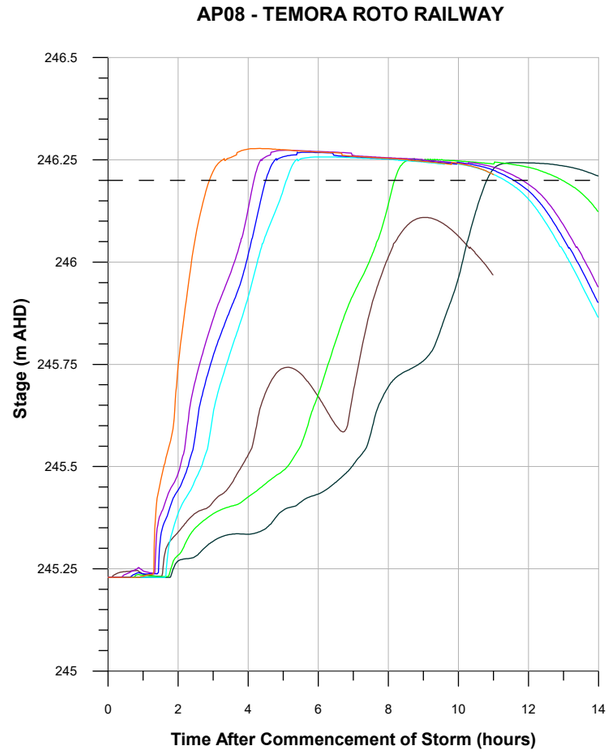












LEGEND

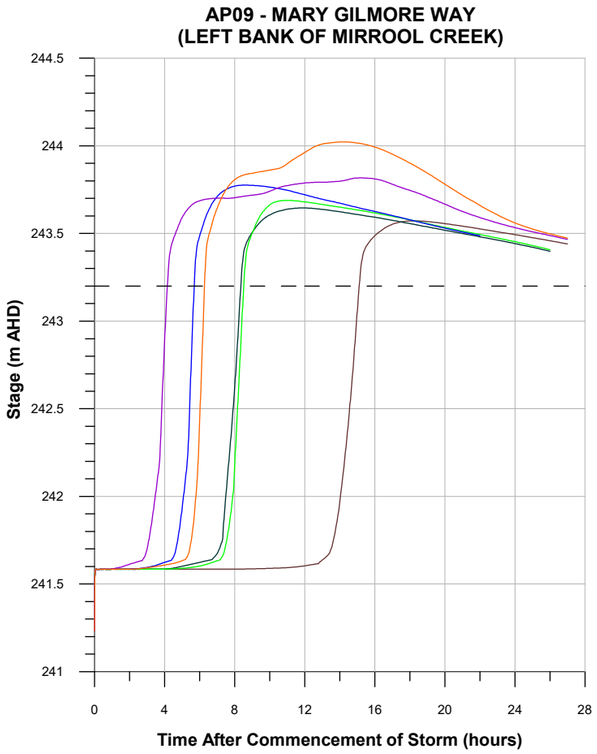
0.2% AEP
0.5% AEP
1% AEP
2% AEP
5% AEP
10% AEP
20% AEP
Road/Rail Level

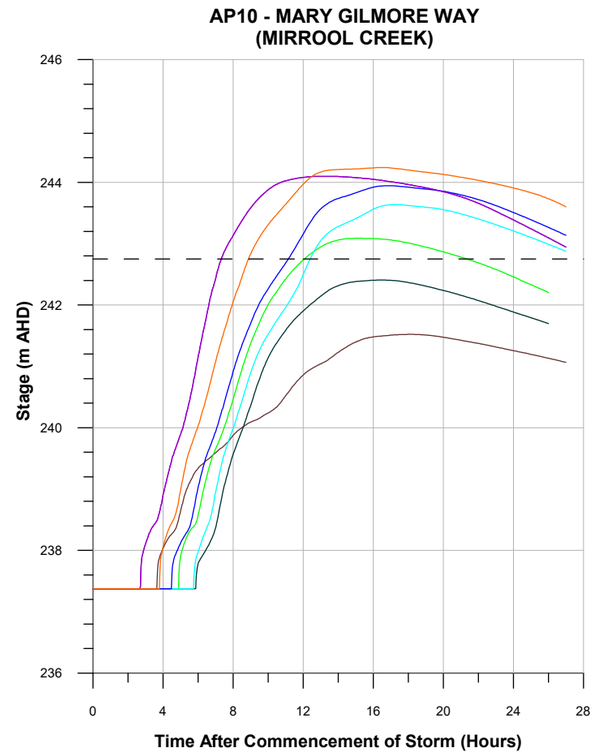
Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.7
(Sheet 1 of 2)

TIME OF RISE OF FLOODWATERS AT ARIAH PARK





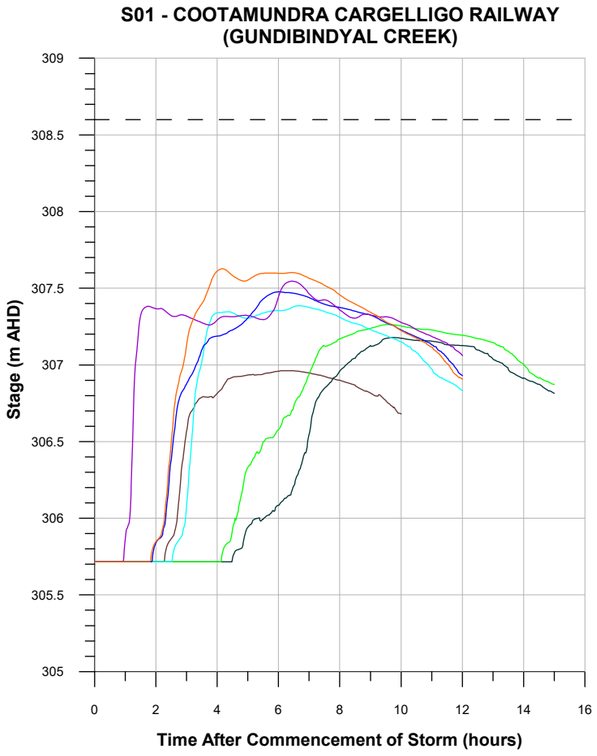
0.2% AEP
0.5% AEP
1% AEP
2% AEP
5% AEP
10% AEP
20% AEP
Road Level

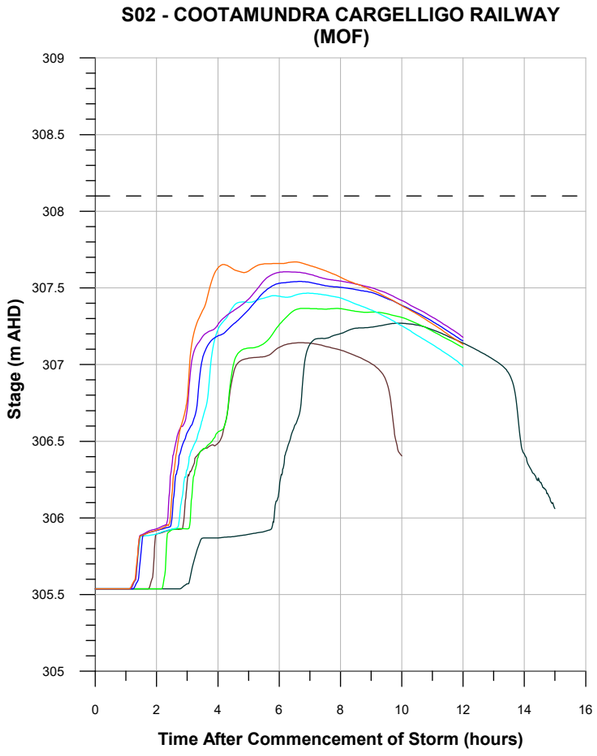
Lyall & Associates

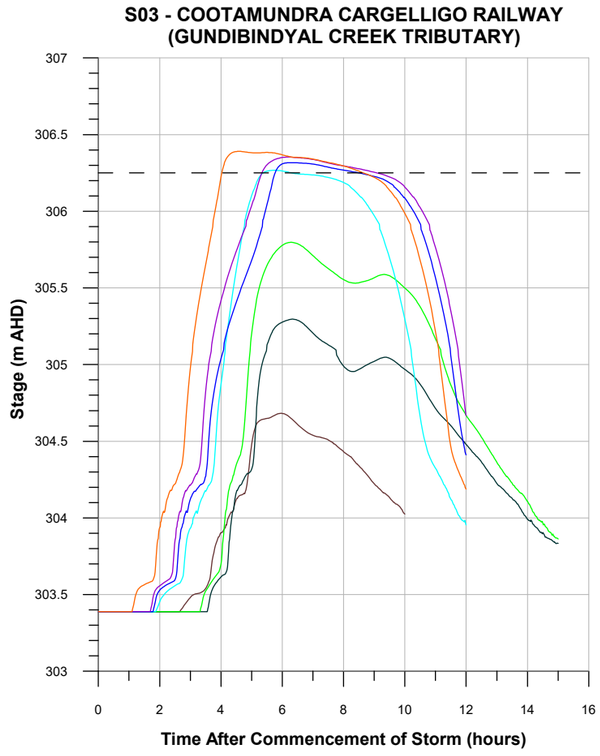
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

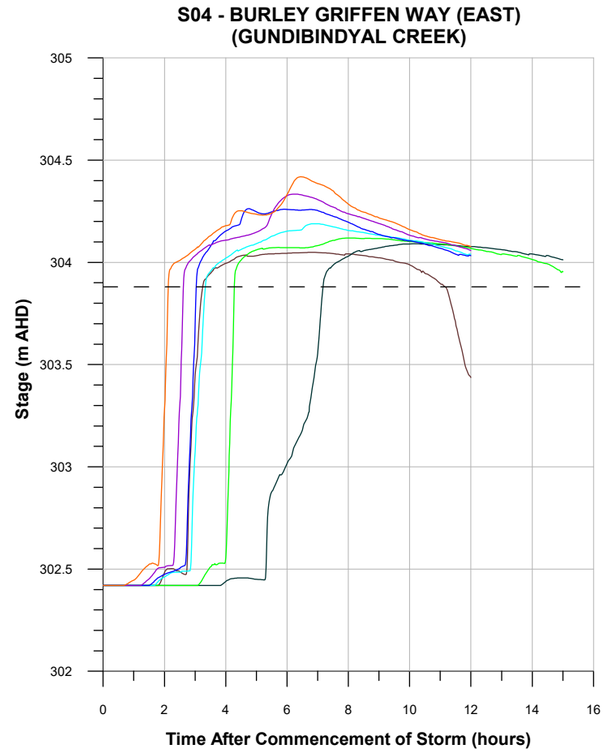
Figure 2.7
(Sheet 2 of 2)

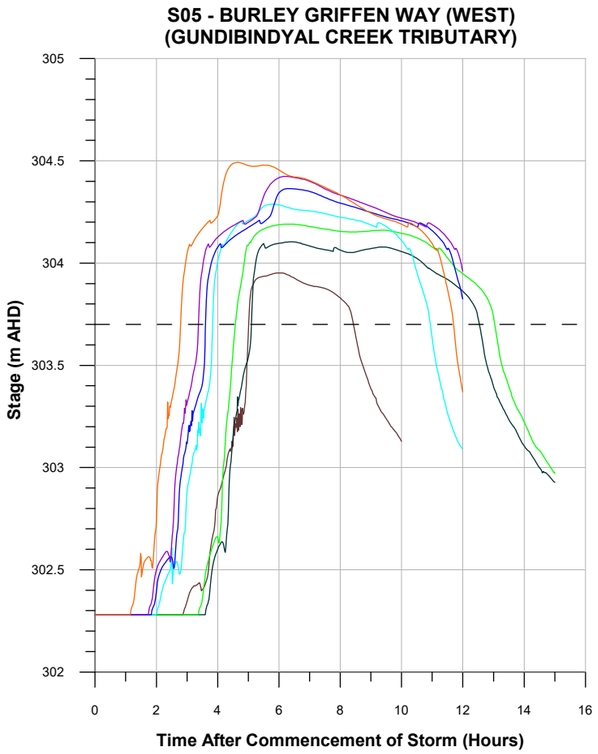
TIME OF RISE OF FLOODWATERS AT ARIAH PARK

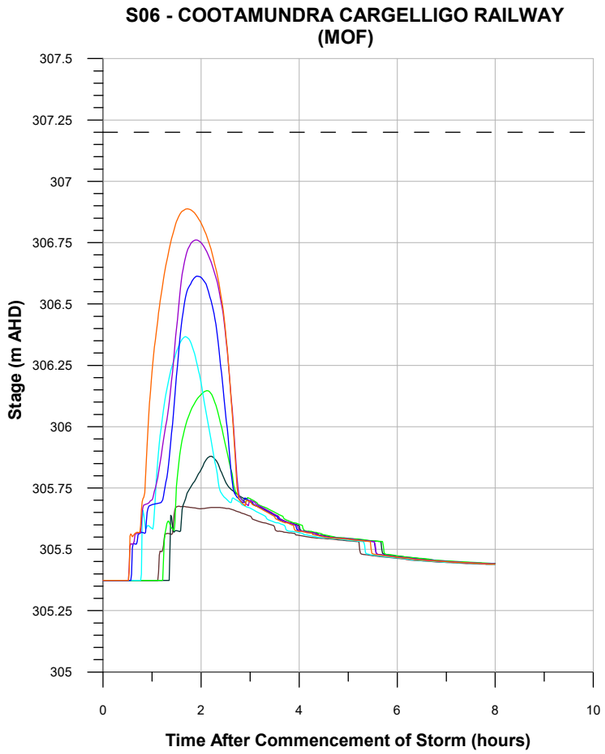


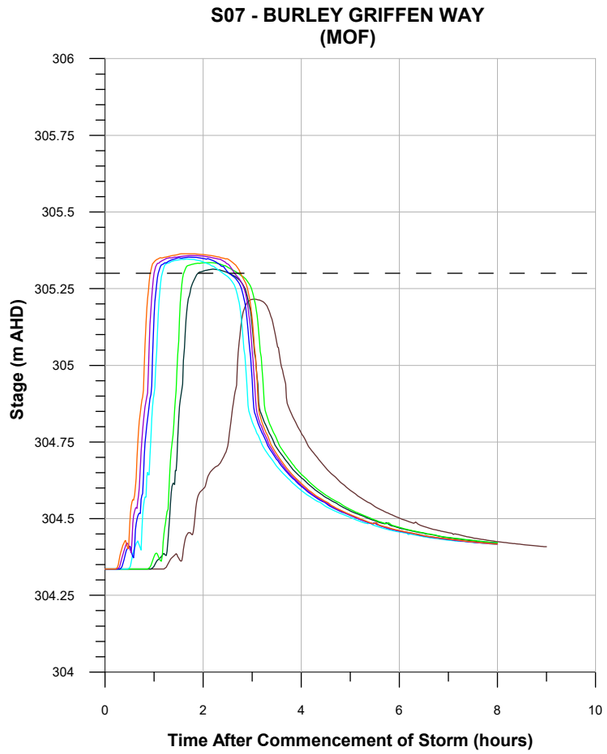












LEGEND

- 0.2% AEP
- 0.5% AEP
- 1% AEP
- 2% AEP
- 5% AEP
- 10% AEP
- 20% AEP
- Road/Rail Level

Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.8

TIME OF RISE OF FLOODWATERS AT SPRINGDALE

EXTENT OF INUNDATION

- 20% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.5% AEP
- 0.2% AEP
- PMF

COMMUNITY ASSET

- Telephone Exchange
- Electricity Substation
- Major Road Crossing
- Railway Crossing

EMERGENCY SERVICES

- RFS Station
- Police Station

VULNERABLE DEVELOPMENT

- Educational Facility
- Caravan Park

NOTE:
Extents trimmed to areas inundated to depths greater than 100mm.

N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:
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LEGEND

- Two-Dimensional Model Boundary
- Existing Piped Drainage System
- Ariah Park Village Centre

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.9
(Sheet 1 of 2)

INDICATIVE EXTENT OF INUNDATION AND LOCATION OF VULNERABLE DEVELOPMENT AND CRITICAL INFRASTRUCTURE AT ARIAH PARK

EXTENT OF INUNDATION

- 20% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.5% AEP
- 0.2% AEP
- PMF

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
R2
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
RC5
R1
ARIAH PARK RAILWAY CULVERT No. 1
RFS1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
EF1
HARPER PARK
EF2
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

COMMUNITY ASSET

- Telephone Exchange
- Electricity Substation
- Major Road Crossing
- Railway Crossing

EMERGENCY SERVICES

- RFS Station
- Police Station

VULNERABLE DEVELOPMENT

- Educational Facility
- Caravan Park

NOTE:
Extents trimmed to areas inundated to depths greater than 100mm.

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

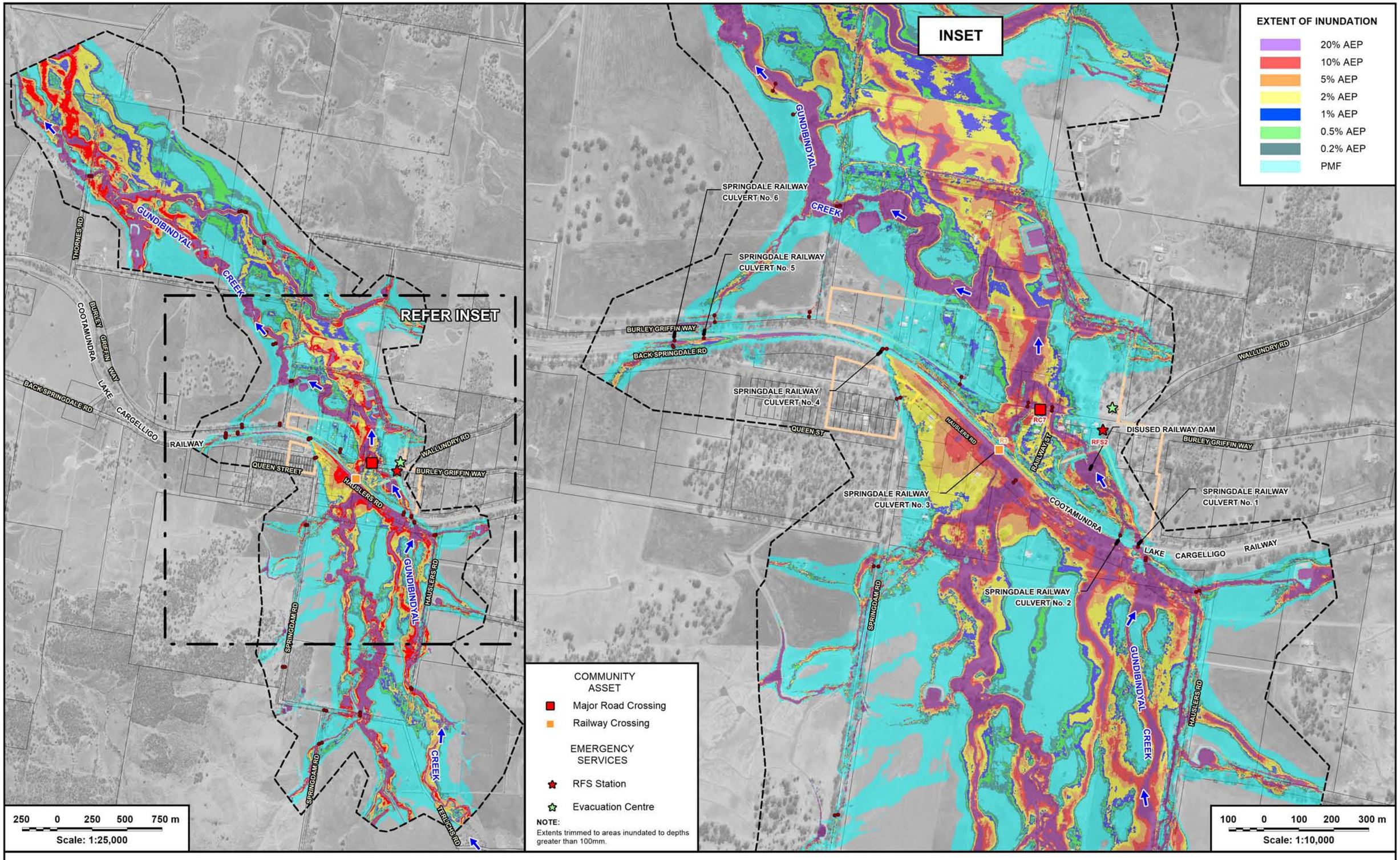
LEGEND

- Two-Dimensional Model Boundary
- Existing Piped Drainage System
- Ariah Park Village Centre

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.9
(Sheet 2 of 2)

INDICATIVE EXTENT OF INUNDATION AND LOCATION OF VULNERABLE DEVELOPMENT AND CRITICAL INFRASTRUCTURE AT ARIAH PARK



N

Lyall & Associates

NOTE:
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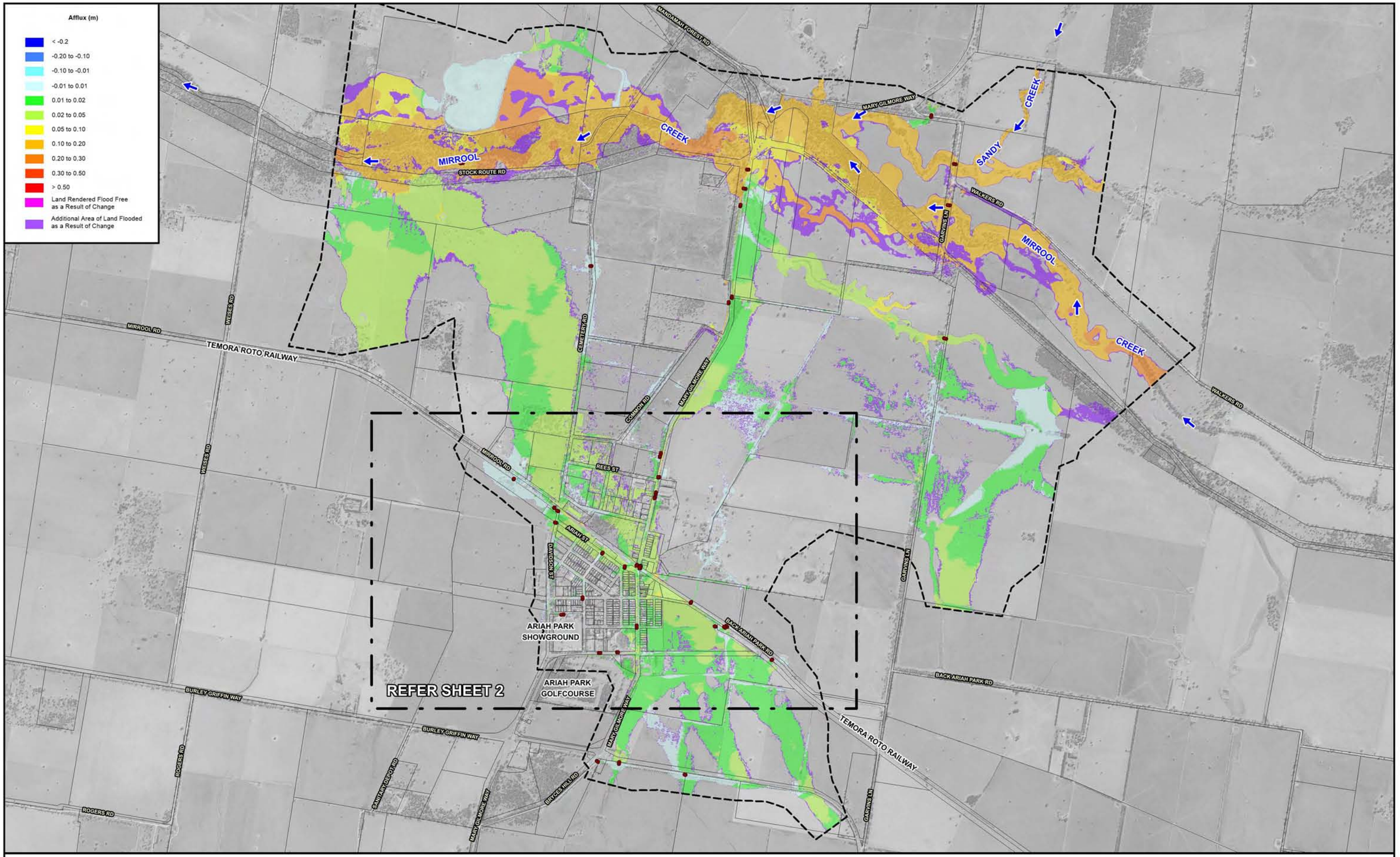
LEGEND

- Two-Dimensional Model Boundary
- Existing Piped Drainage System
- Springdale Village Centre

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.10

INDICATIVE EXTENT OF INUNDATION AND LOCATION OF VULNERABLE DEVELOPMENT AND CRITICAL INFRASTRUCTURE AT SPRINGDALE



ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.11
(Sheet 1 of 2)

SENSITIVITY OF FLOOD BEHAVIOUR AT ARIAH PARK TO 20% INCREASE IN HYDRAULIC ROUGHNESS VALUES
1% AEP

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

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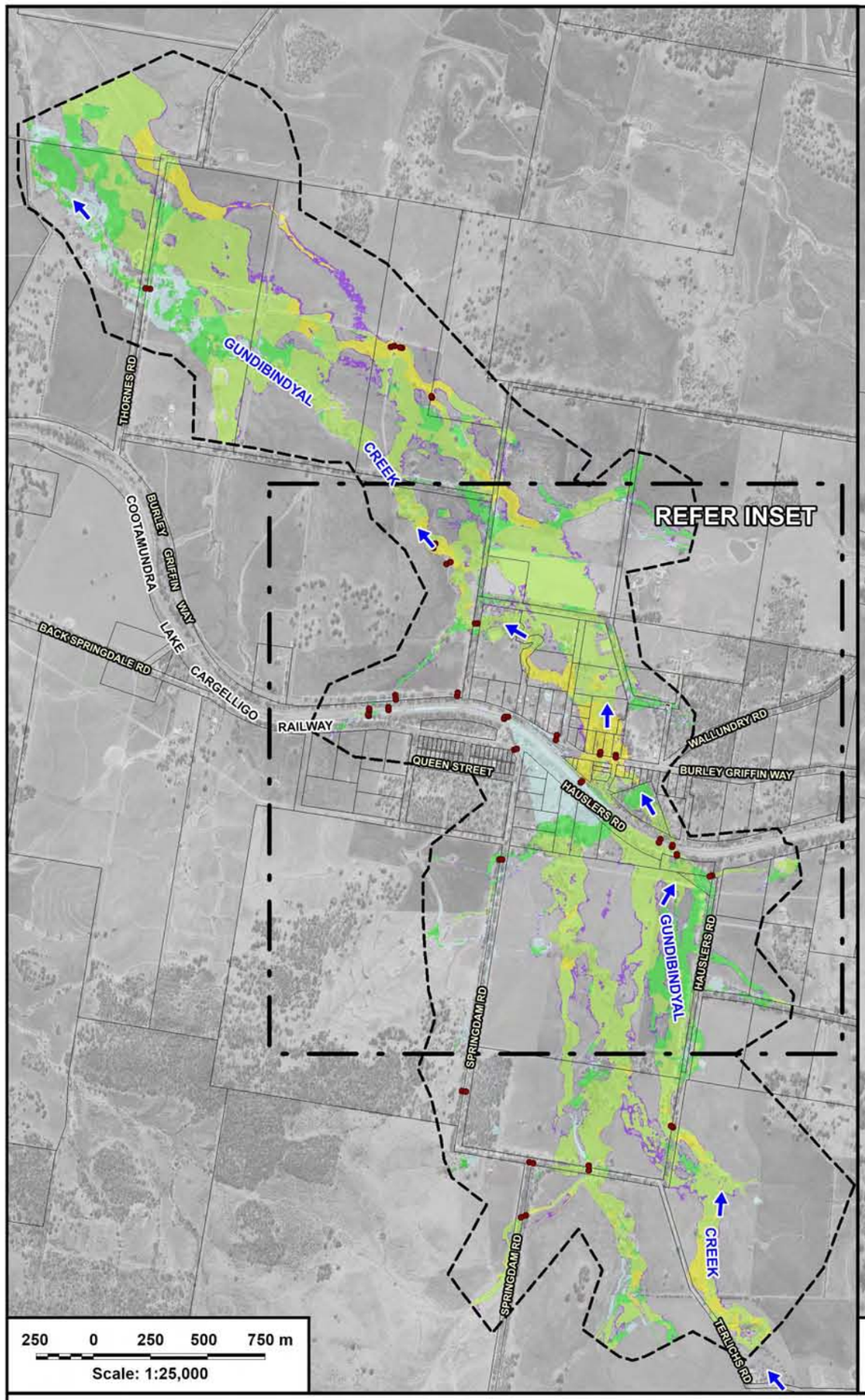
LEGEND

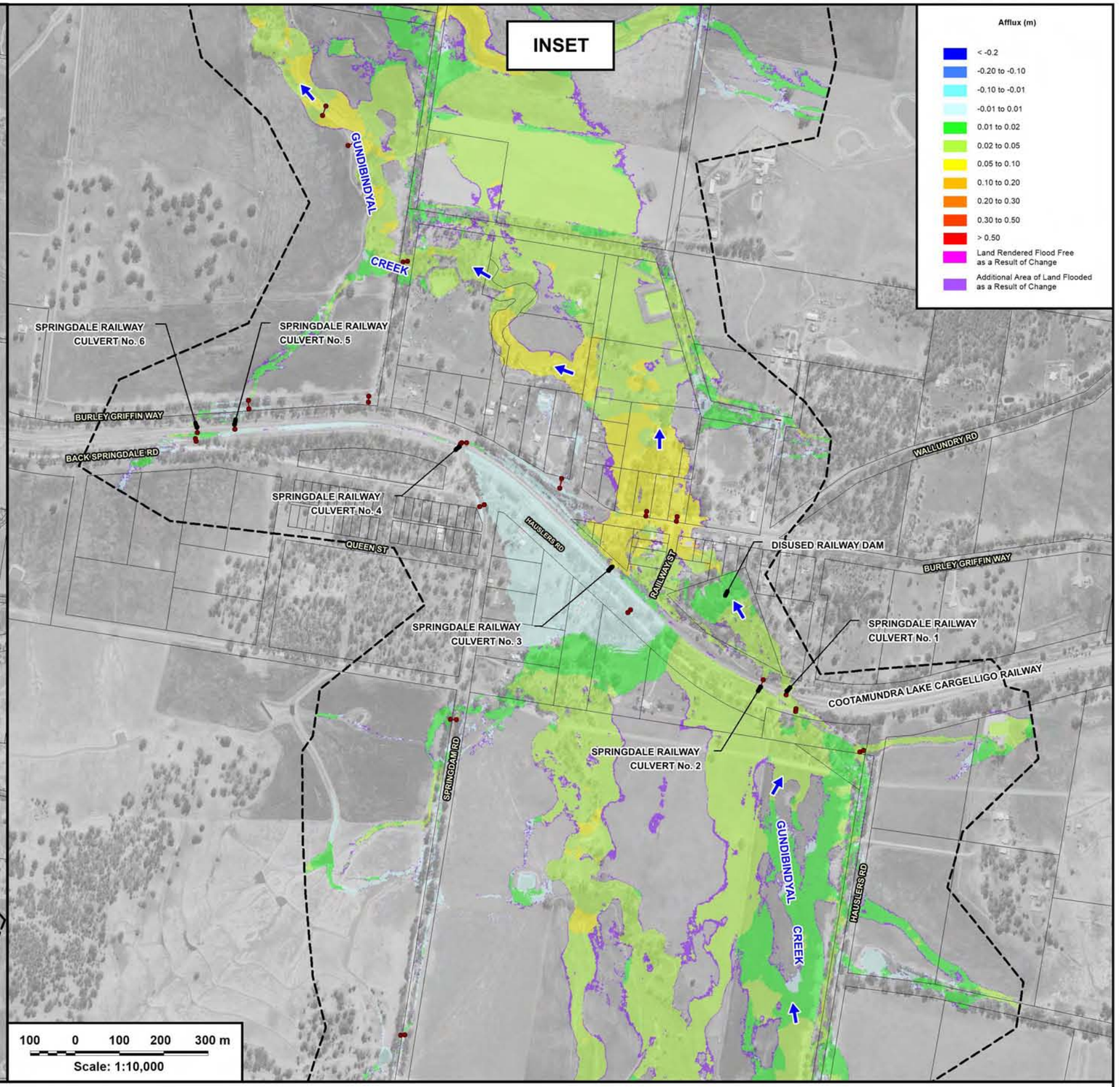
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.11
(Sheet 2 of 2)

SENSITIVITY OF FLOOD BEHAVIOUR AT ARIAH PARK TO 20% INCREASE IN HYDRAULIC ROUGHNESS VALUES
1% AEP





N

NOTE:
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LEGEND

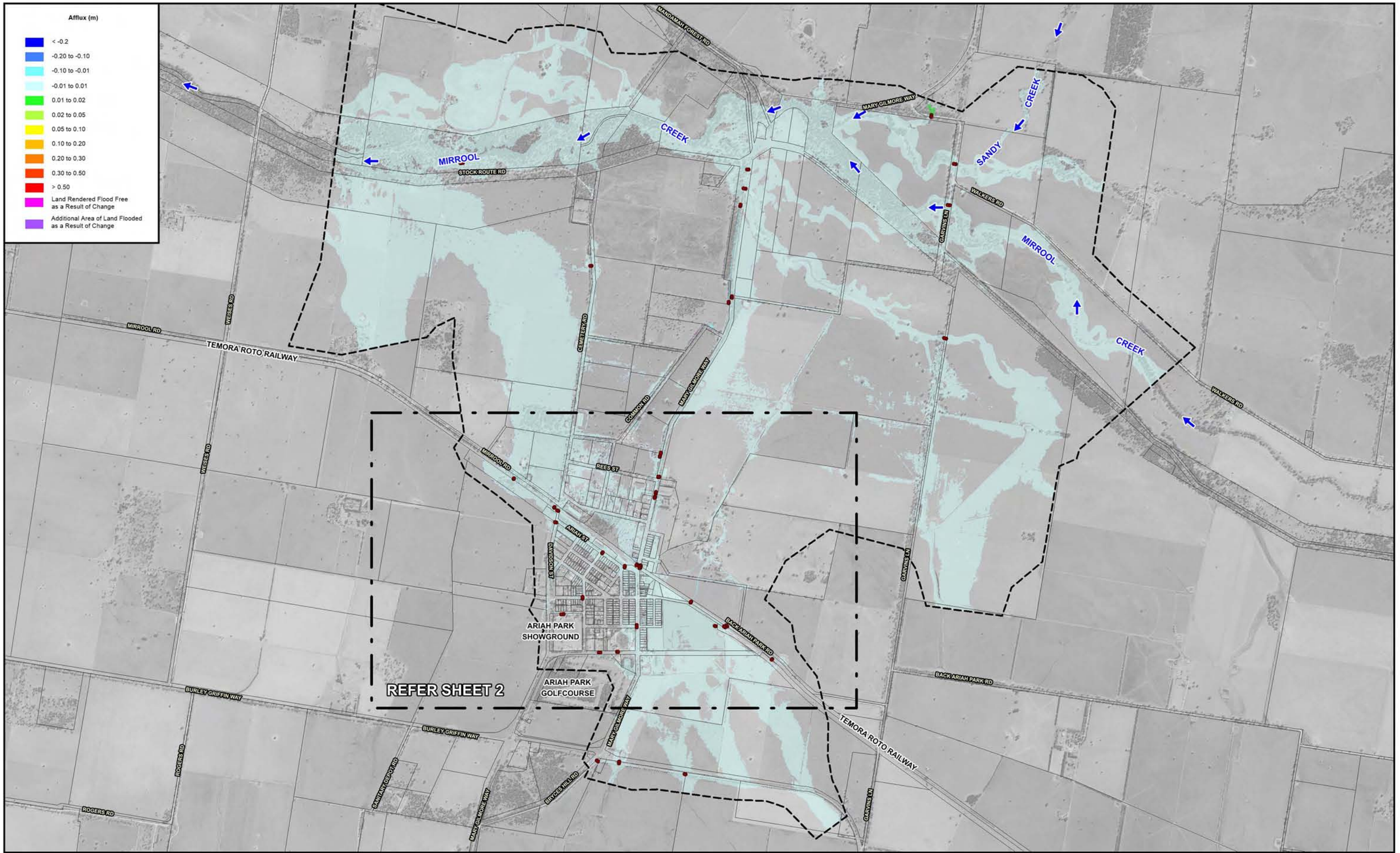
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.12

SENSITIVITY OF FLOOD BEHAVIOUR AT SPRINGDALE TO 20% INCREASE IN HYDRAULIC ROUGHNESS VALUES
1% AEP



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

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Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.13
(Sheet 1 of 2)

SENSITIVITY OF FLOOD BEHAVIOUR AT ARIAH PARK TO PARTIAL BLOCKAGE OF HYDRAULIC STRUCTURES
1% AEP

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.13
(Sheet 2 of 2)

SENSITIVITY OF FLOOD BEHAVIOUR AT ARIAH PARK TO PARTIAL BLOCKAGE OF HYDRAULIC STRUCTURES
1% AEP

INSET

REFER INSET

Afflux (m)

- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

GUNDIBINDYAL CREEK

THORNES RD

BURLEY GRIFFIN WAY

COOTAMUNDRA LAKE CARGELLIGO RAILWAY

BACK SPRINGDALE RD

QUEEN STREET

WALLUNDRY RD

HAUSLERS RD

SPRINGDALE RAILWAY CULVERT No. 6

SPRINGDALE RAILWAY CULVERT No. 5

SPRINGDALE RAILWAY CULVERT No. 4

SPRINGDALE RAILWAY CULVERT No. 3

SPRINGDALE RAILWAY CULVERT No. 2

SPRINGDALE RAILWAY CULVERT No. 1

QUEEN ST

RAILWAY ST

DISUSED RAILWAY DAM

SPRINGDAM RD

TERLICHS RD

250 0 250 500 750 m

Scale: 1:25,000

100 0 100 200 300 m

Scale: 1:10,000

N

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.14

SENSITIVITY OF FLOOD BEHAVIOUR AT SPRINGDALE TO PARTIAL BLOCKAGE OF HYDRAULIC STRUCTURES
1% AEP

20% AEP

1% AEP

Afflux (m)

- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
MAXWELL ST
GEORGE ST
LITTLE GEORGE ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
BARNES ST
ARIAH PARK GOLFCOURSE
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

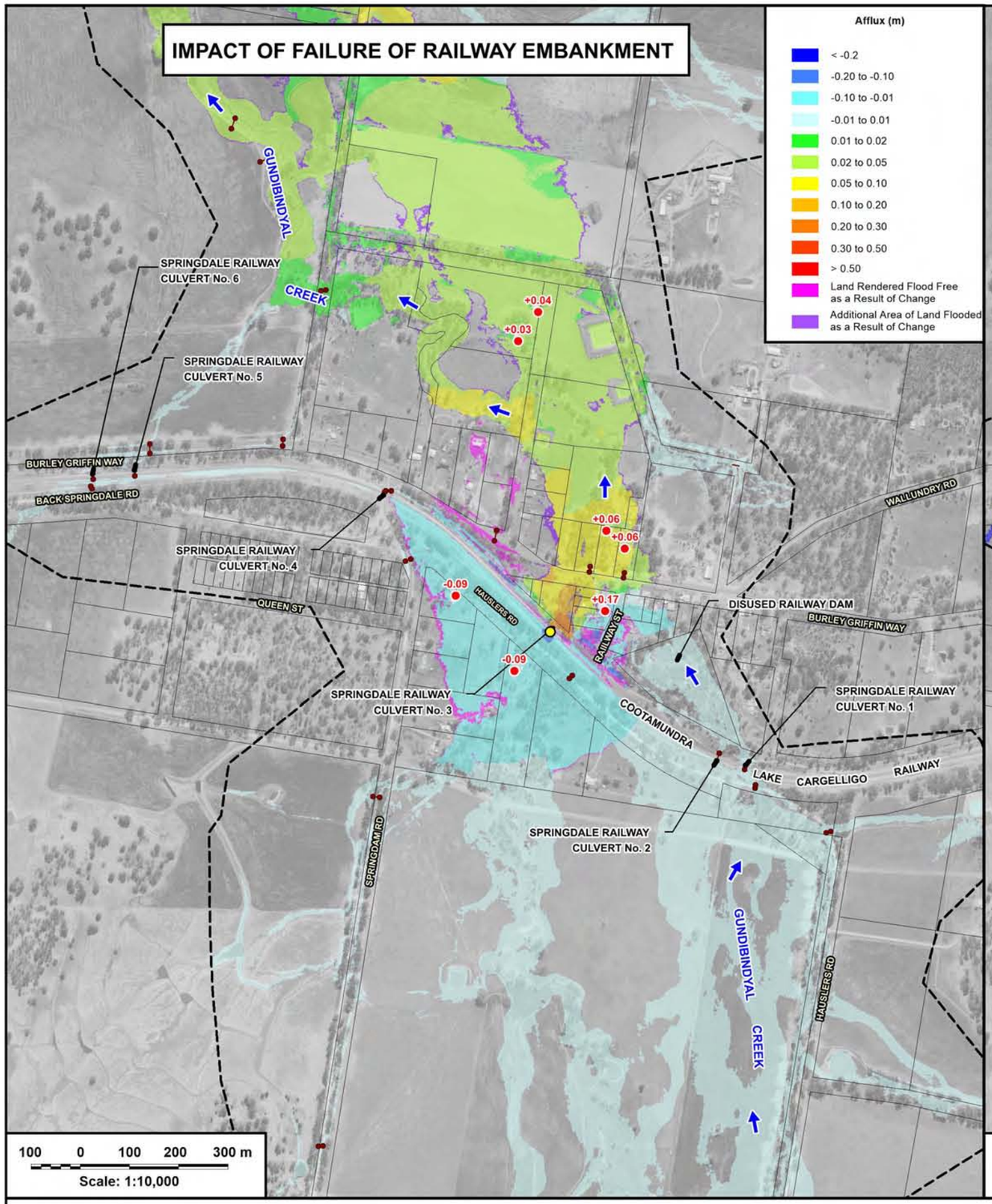
Figure 2.15

POTENTIAL IMPACT OF FUTURE INFILL DEVELOPMENT AT ARIAH PARK ON FLOODING AND DRAINAGE PATTERNS

IMPACT OF FAILURE OF RAILWAY EMBANKMENT

Afflux (m)

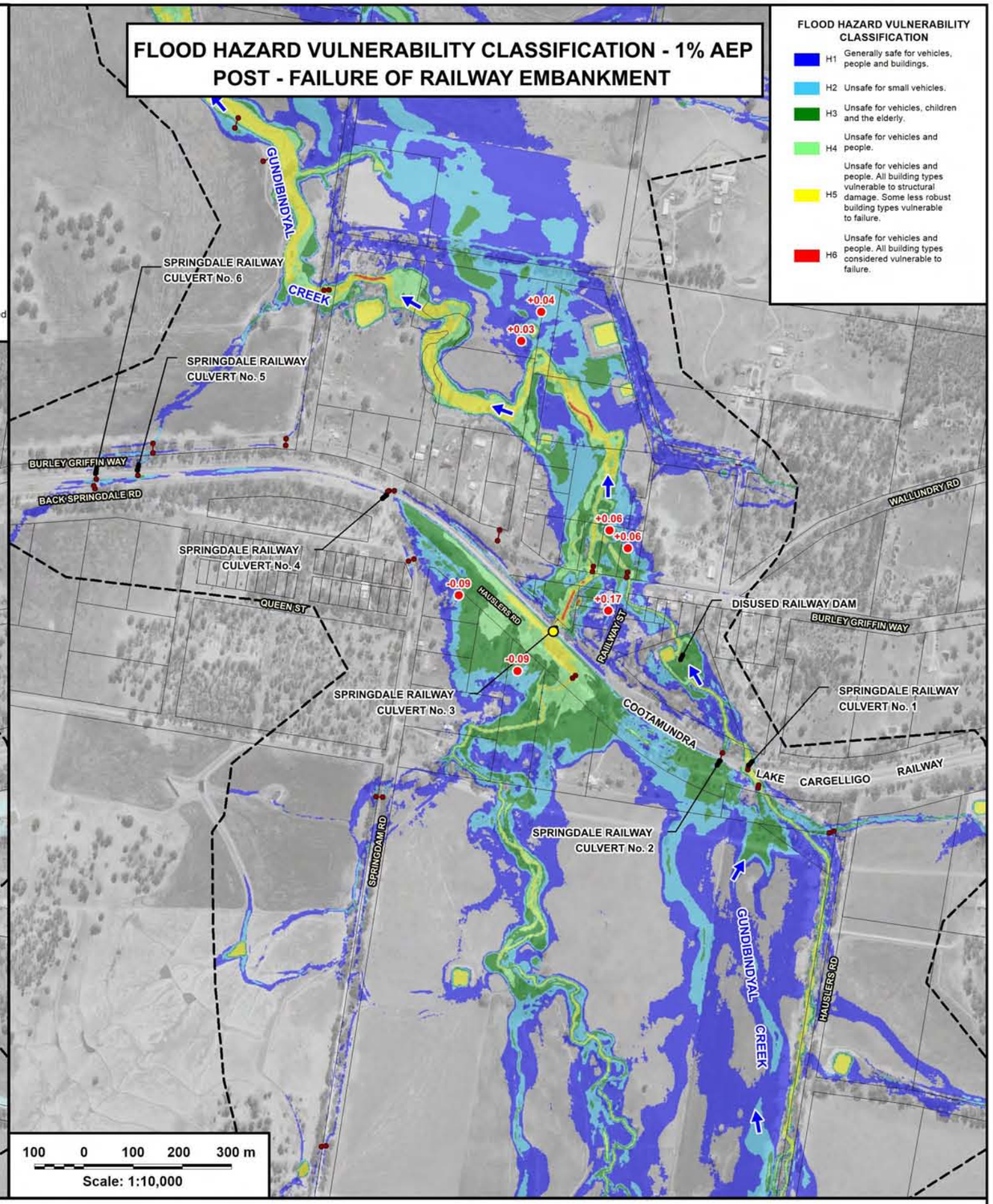
- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change



FLOOD HAZARD VULNERABILITY CLASSIFICATION - 1% AEP POST - FAILURE OF RAILWAY EMBANKMENT

FLOOD HAZARD VULNERABILITY CLASSIFICATION

- H1 Generally safe for vehicles, people and buildings.
- H2 Unsafe for small vehicles.
- H3 Unsafe for vehicles, children and the elderly.
- H4 Unsafe for vehicles and people.
- H5 Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.



N

Lyall & Associates

NOTE:
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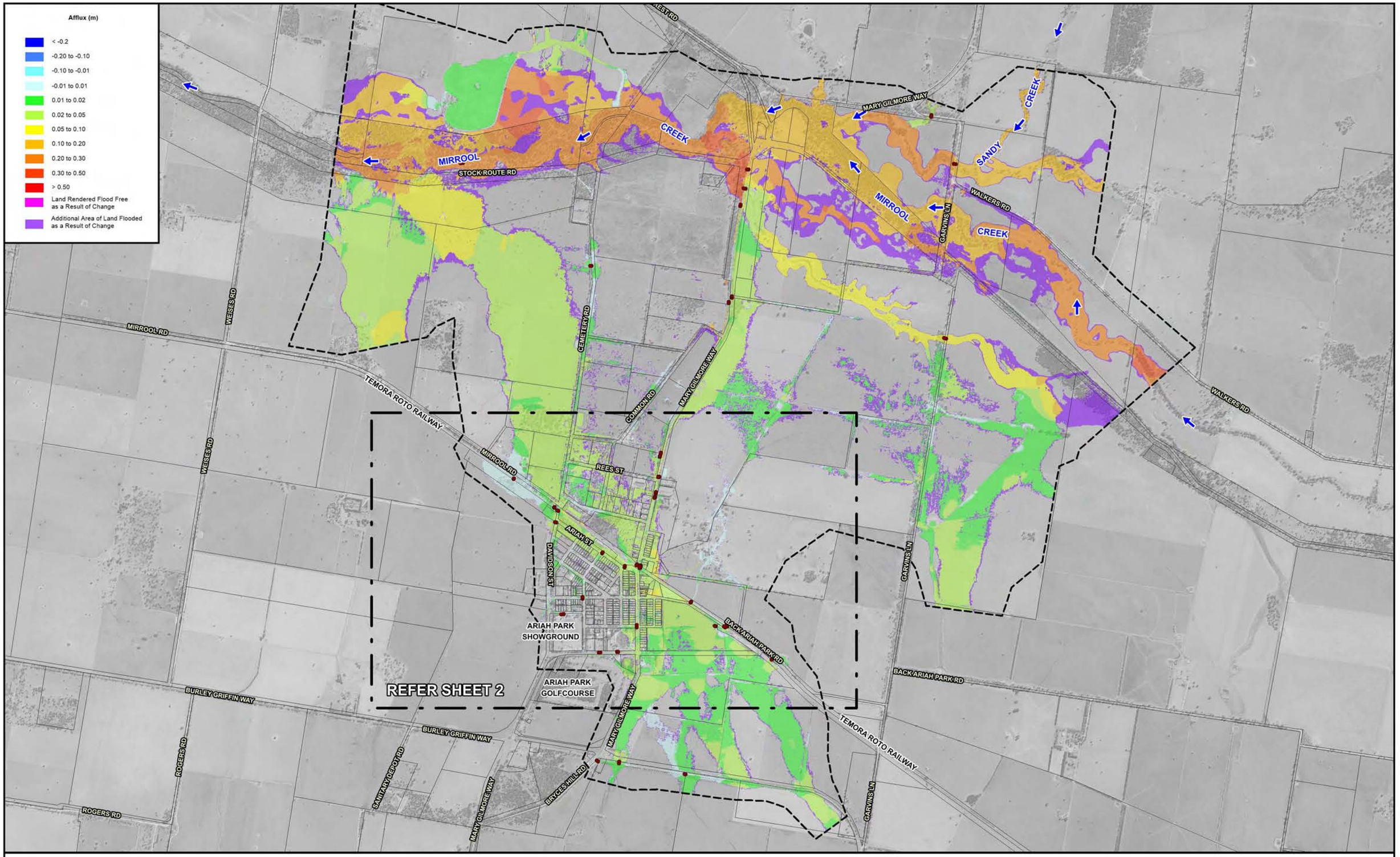
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Location of Potential Railway Failure
- Building Subject To Above-Floor Inundation
- +0.17 Increase in Depth of Above-Floor Inundation (m)

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.16

POTENTIAL IMPACT OF FAILURE OF RAILWAY EMBANKMENT AT SPRINGDALE ON FLOOD BEHAVIOUR
1% AEP



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

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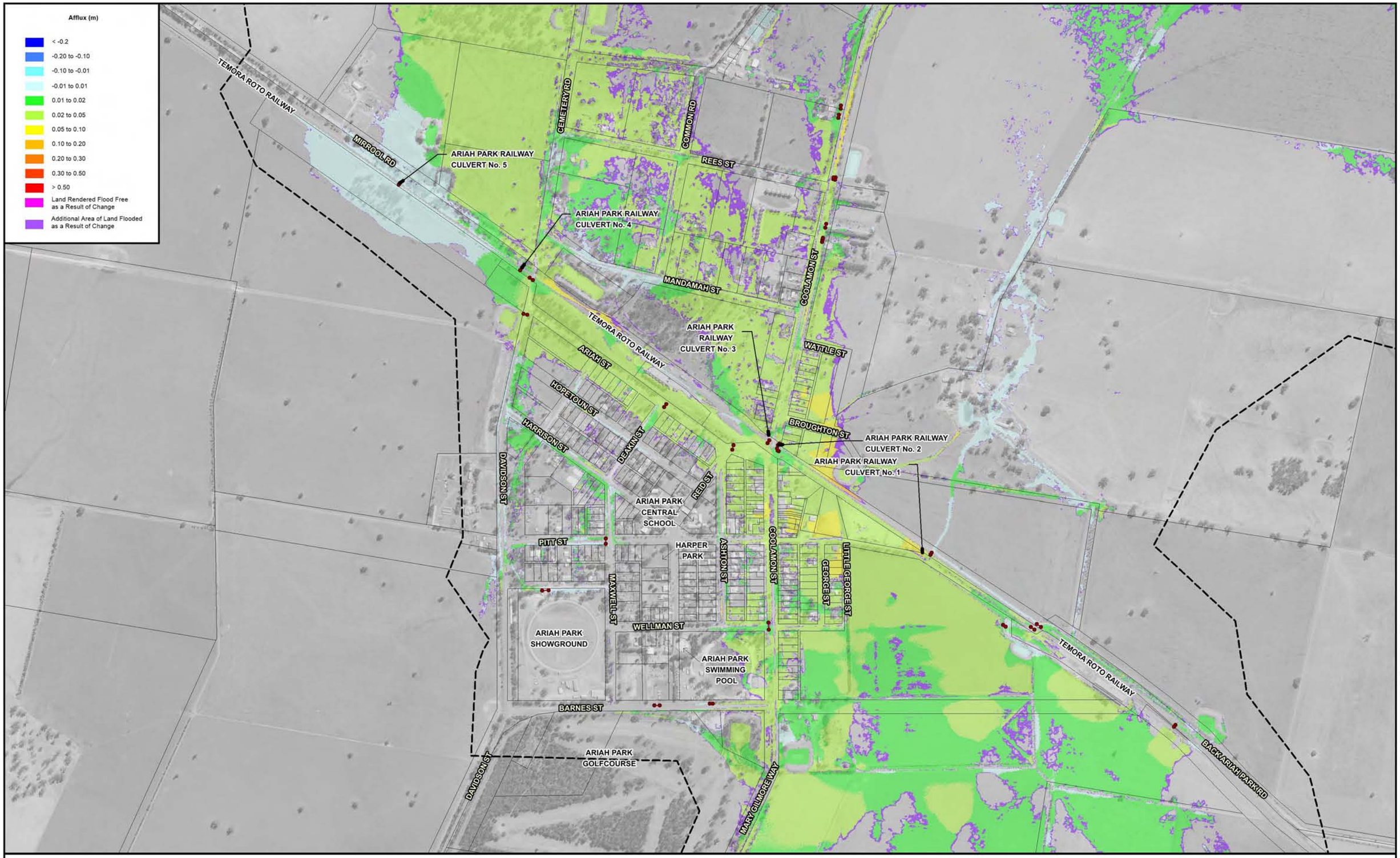
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.17
(Sheet 1 of 2)

IMPACT OF A POTENTIAL 10% INCREASE IN RAINFALL INTENSITIES AT ARIAH PARK ON FLOODING AND DRAINAGE PATTERNS
1% AEP



N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:
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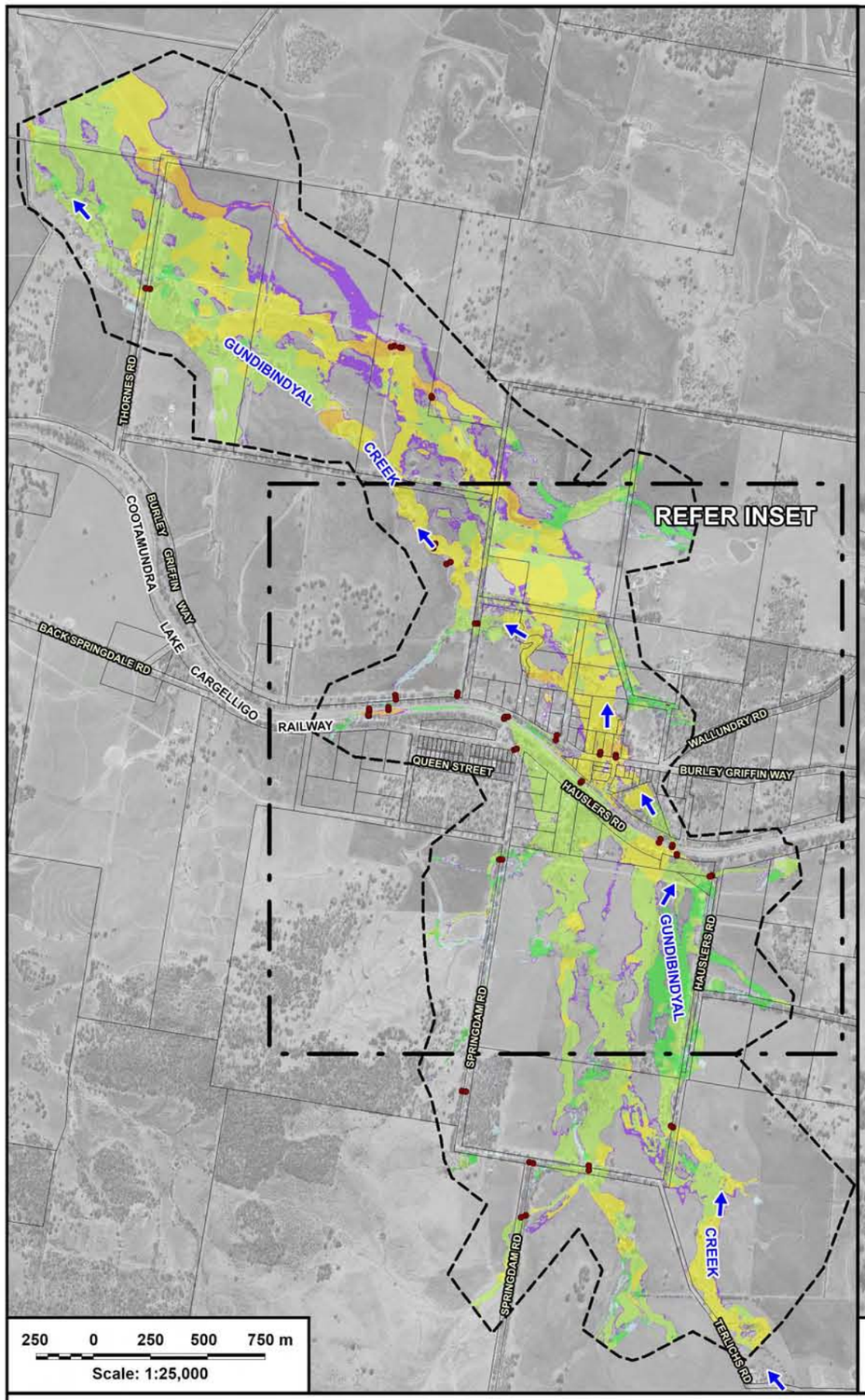
LEGEND

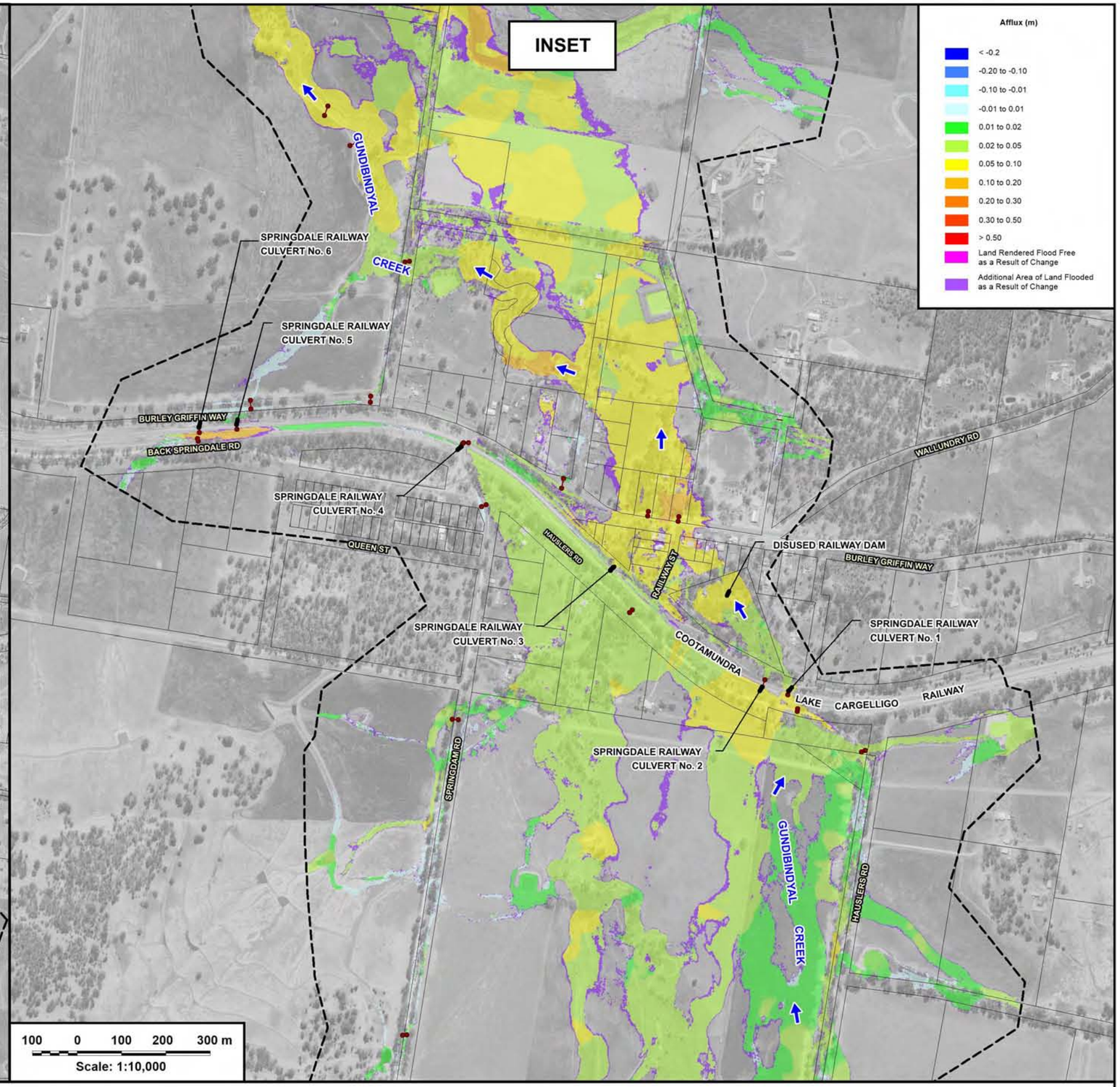
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.17
(Sheet 2 of 2)

IMPACT OF A POTENTIAL 10% INCREASE IN RAINFALL INTENSITIES AT ARIAH PARK ON FLOODING AND DRAINAGE PATTERNS
1% AEP





N

Lyall & Associates

NOTE:
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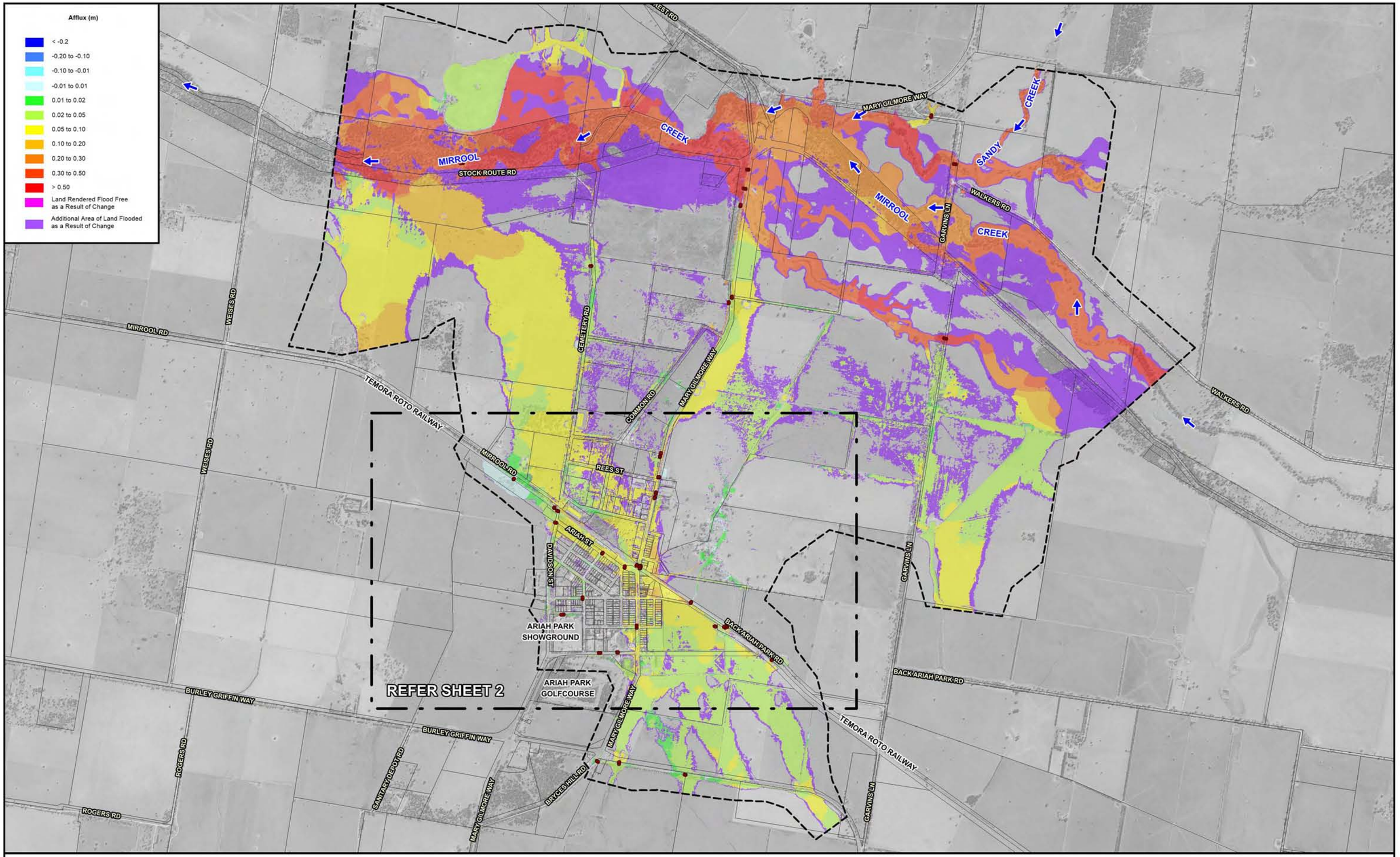
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.18

IMPACT OF A POTENTIAL 10% INCREASE IN RAINFALL INTENSITIES AT SPRINGDALE ON FLOODING AND DRAINAGE PATTERNS
1% AEP



Lyall & Associates

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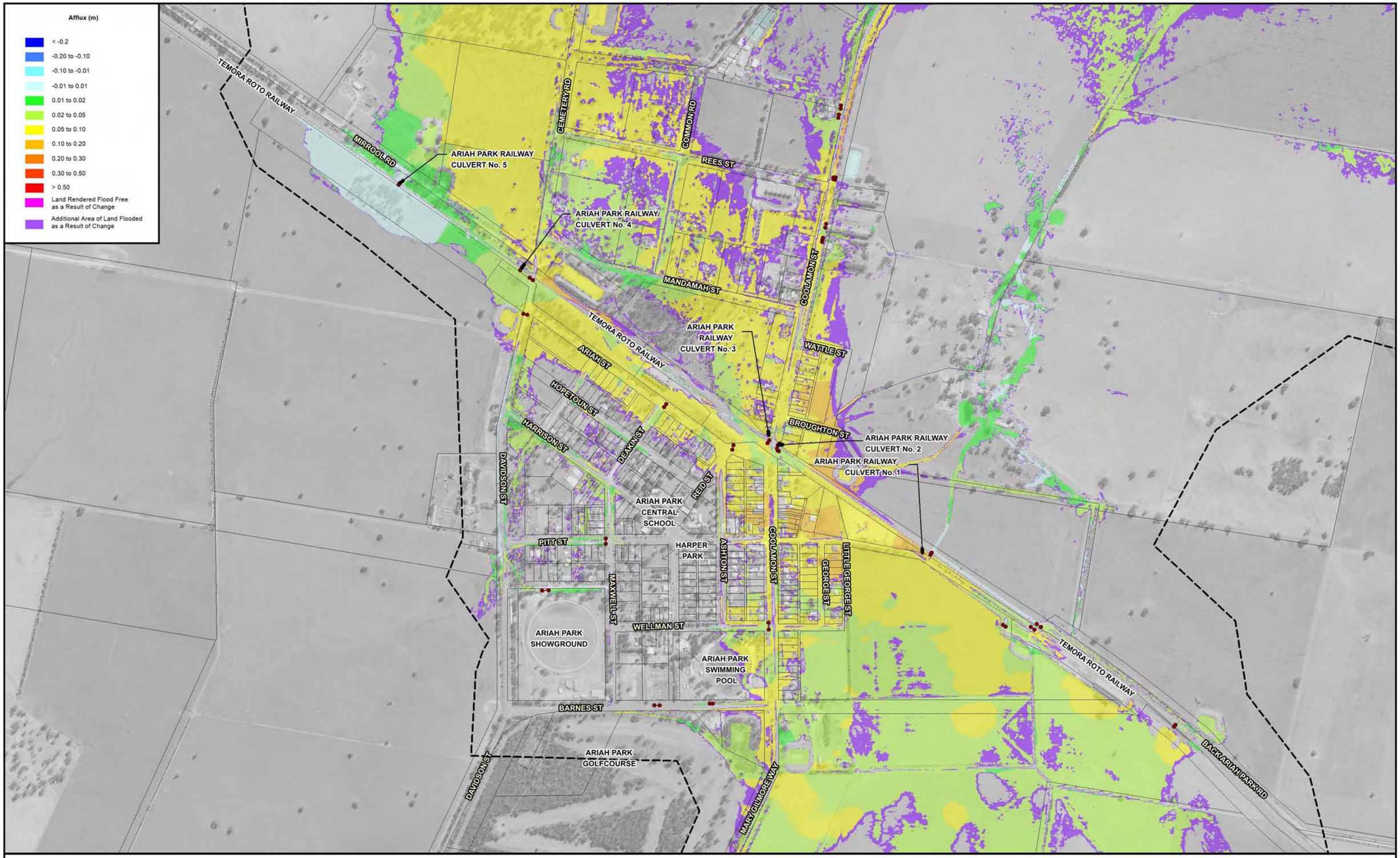
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.19
(Sheet 1 of 2)

IMPACT OF A POTENTIAL 30% INCREASE IN RAINFALL INTENSITIES AT ARIAH PARK ON FLOODING AND DRAINAGE PATTERNS
1% AEP



N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:
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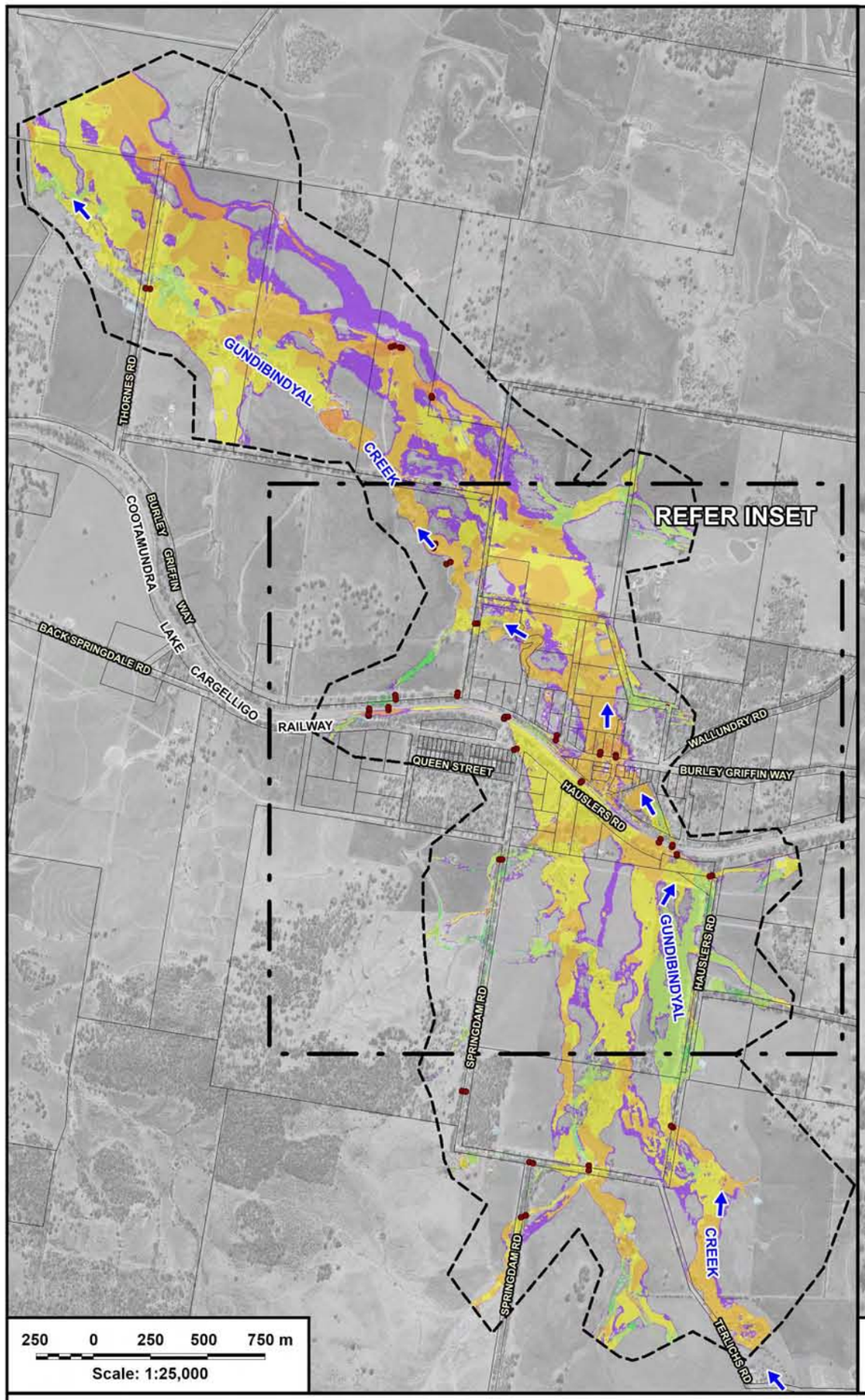
LEGEND

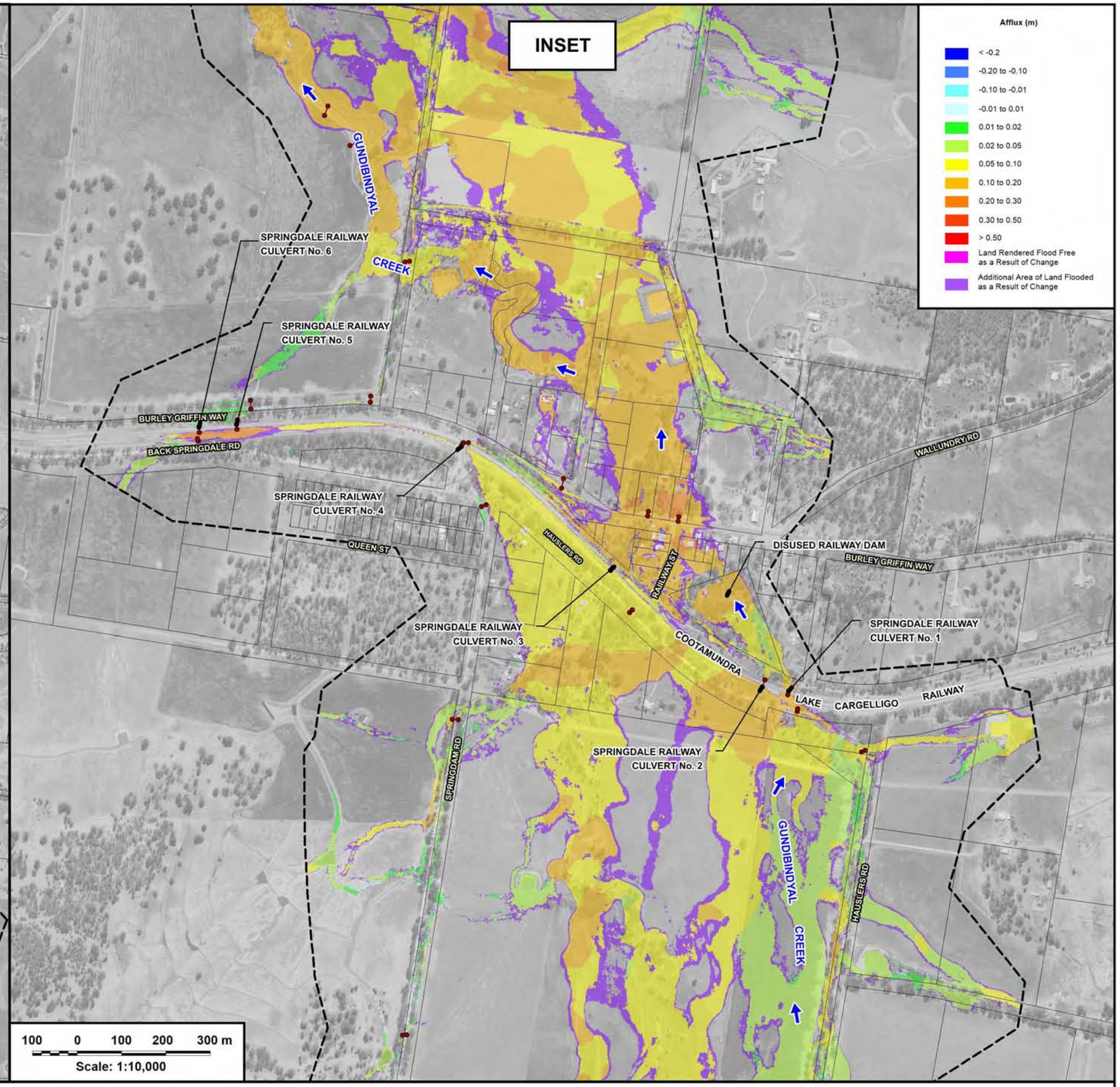
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.19
(Sheet 2 of 2)

IMPACT OF A POTENTIAL 30% INCREASE IN RAINFALL INTENSITIES AT ARIAH PARK ON FLOODING AND DRAINAGE PATTERNS
1% AEP





Afflux (m)

- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

N

Lyall & Associates

NOTE:
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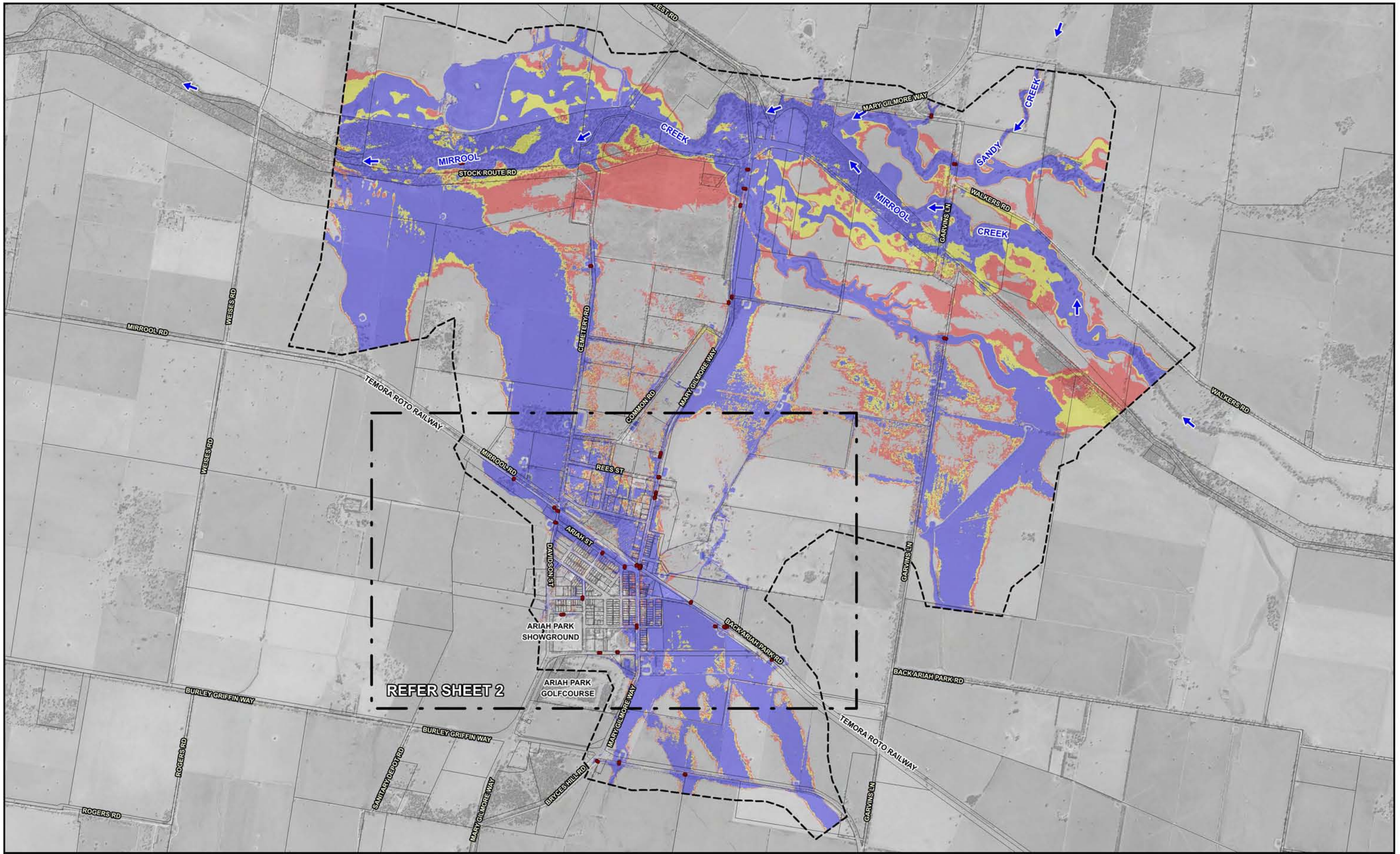
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.20

IMPACT OF A POTENTIAL 30% INCREASE IN RAINFALL INTENSITIES AT SPRINGDALE ON FLOODING AND DRAINAGE PATTERNS
1% AEP



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- 1% AEP
- 1% AEP Rainfall Increased by 10%
- 1% AEP Rainfall Increased by 30%

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.21
(Sheet 1 of 2)

IMPACT OF INCREASED RAINFALL INTENSITIES ON EXTENT OF FLOODING AT ARIAH PARK
1% AEP

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
LITTLE GEORGE ST
GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

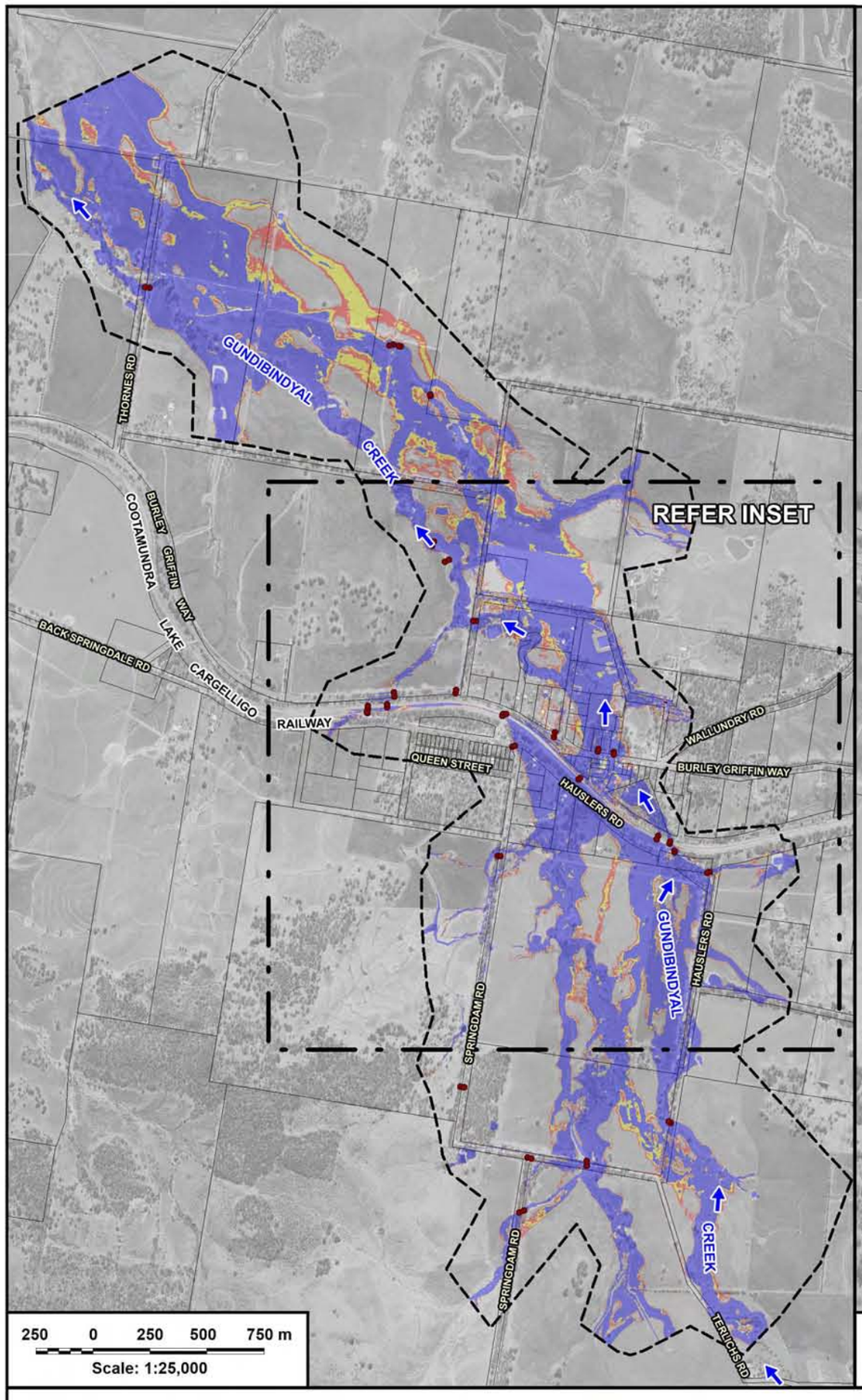
LEGEND

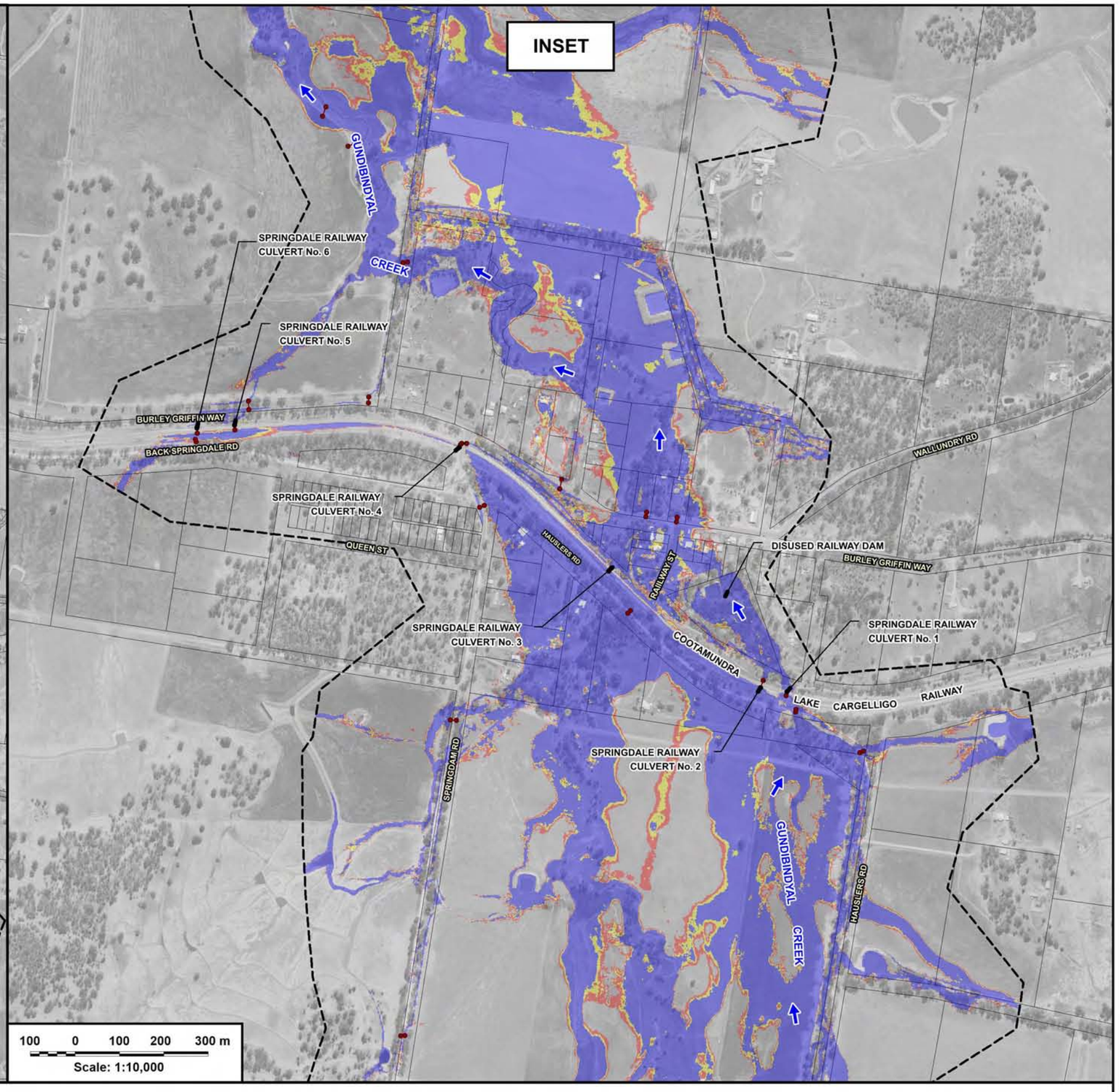
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- 1% AEP
- 1% AEP Rainfall Increased by 10%
- 1% AEP Rainfall Increased by 30%

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.21
(Sheet 2 of 2)

IMPACT OF INCREASED RAINFALL INTENSITIES ON EXTENT OF FLOODING AT ARIAH PARK
1% AEP





N

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

Lyall & Associates

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- 1% AEP
- 1% AEP Rainfall Increased by 10%
- 1% AEP Rainfall Increased by 30%

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.22

IMPACT OF INCREASED RAINFALL INTENSITIES ON EXTENT OF FLOODING AT SPRINGDALE
1% AEP

FLOOD HAZARD VULNERABILITY CLASSIFICATION

H1	Generally safe for vehicles, people and buildings.
H2	Unsafe for small vehicles.
H3	Unsafe for vehicles, children and the elderly.
H4	Unsafe for vehicles and people.
H5	Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6	Unsafe for vehicles and people. All building types considered vulnerable to failure.

MIRROOL CREEK
STOCK ROUTE RD
MARY GILMORE WAY
SANDY CREEK
WALKERS RD
GARVINS LN
MIRROOL RD
WEISES RD
CEMETERY RD
TEMORA ROTO RAILWAY
COMMON RD
REES ST
ARIAH ST
DAVIDSON ST
ARIAH PARK SHOWGROUND
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
REFER SHEET 2
BURLEY GRIFFIN WAY
ROGERS RD
SANITARY DEPOT RD
BRYCES HILL RD

N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.23
(Sheet 1 of 2)

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT ARIAH PARK
1% AEP

FLOOD HAZARD VULNERABILITY CLASSIFICATION

H1	Generally safe for vehicles, people and buildings.
H2	Unsafe for small vehicles.
H3	Unsafe for vehicles, children and the elderly.
H4	Unsafe for vehicles and people.
H5	Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6	Unsafe for vehicles and people. All building types considered vulnerable to failure.

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
GOOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

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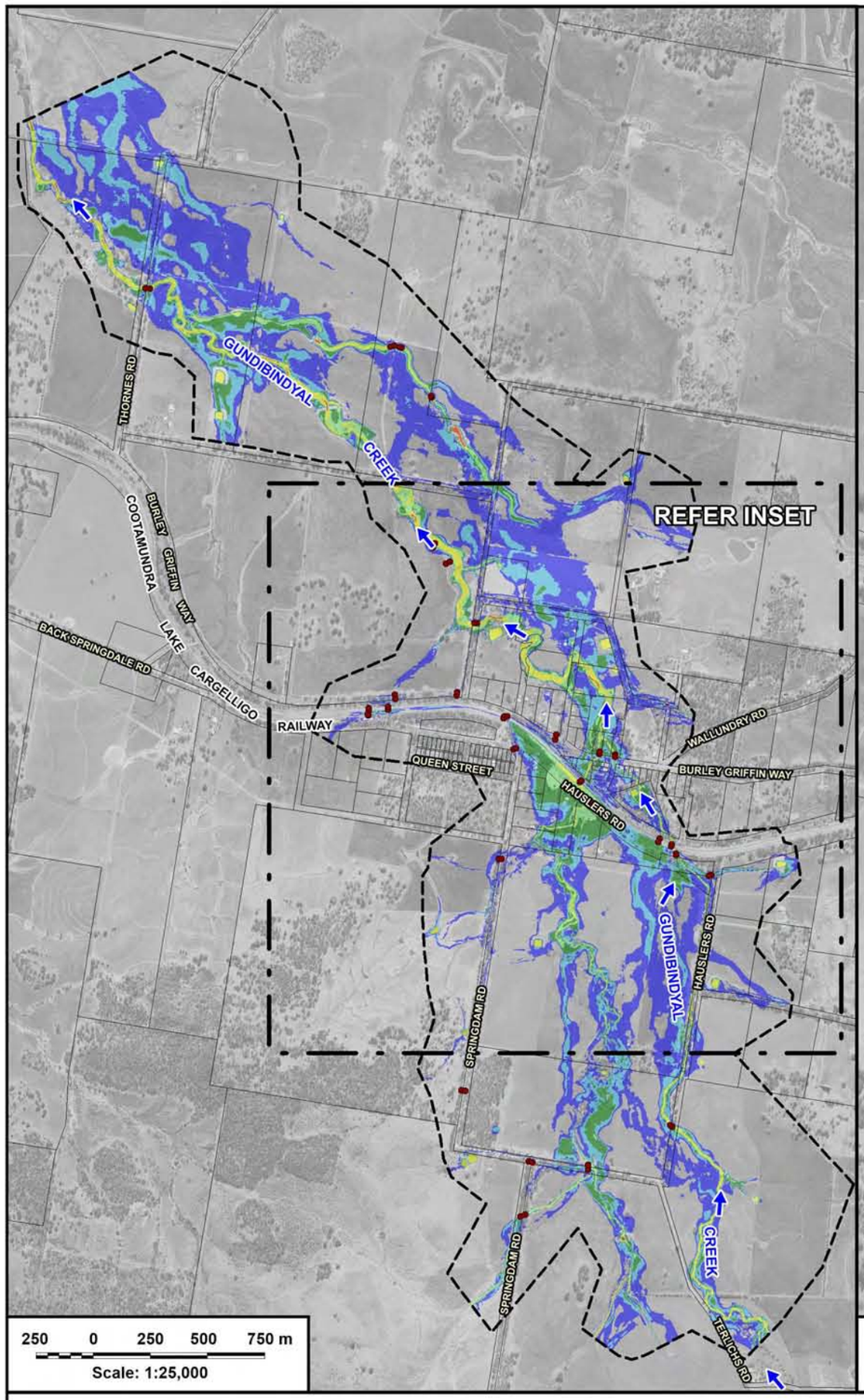
LEGEND

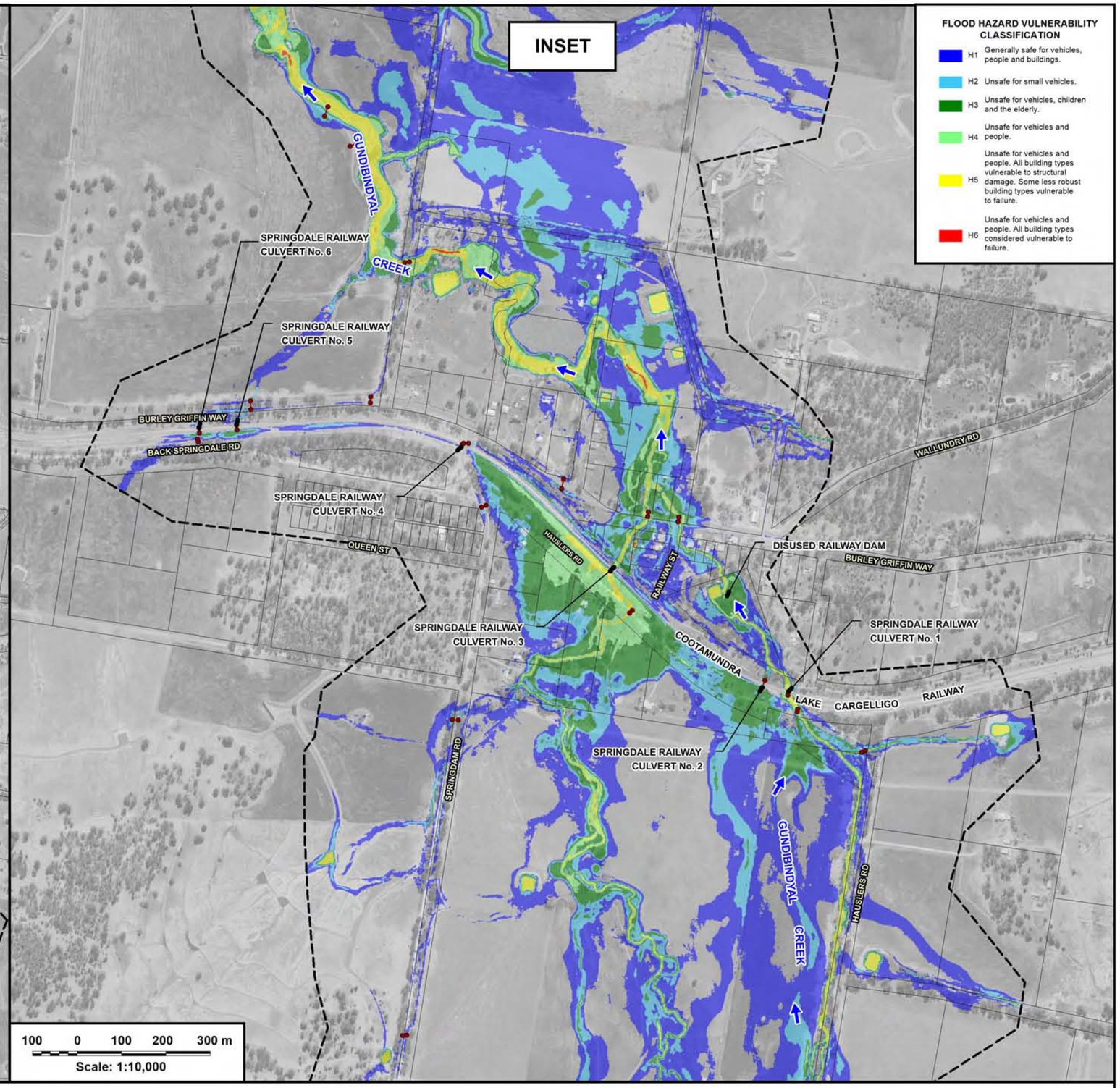
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.23
(Sheet 2 of 2)

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT ARIAH PARK
1% AEP





FLOOD HAZARD VULNERABILITY CLASSIFICATION

H1	Generally safe for vehicles, people and buildings.
H2	Unsafe for small vehicles.
H3	Unsafe for vehicles, children and the elderly.
H4	Unsafe for vehicles and people.
H5	Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6	Unsafe for vehicles and people. All building types considered vulnerable to failure.

N

Lyall & Associates

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.24

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT SPRINGDALE
1% AEP

FLOOD HAZARD VULNERABILITY CLASSIFICATION

- H1 Generally safe for vehicles, people and buildings.
- H2 Unsafe for small vehicles.
- H3 Unsafe for vehicles, children and the elderly.
- H4 Unsafe for vehicles and people.
- H5 Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

MIRROOL CREEK
STOCK ROUTE RD
MARY GILMORE WAY
SANDY CREEK
MIRROOL CREEK
WALKERS RD
GARVINS LN
MIRROOL CREEK
WEISES RD
MIRROOL RD
CEMETERY RD
TEMORA ROTO RAILWAY
COMMON RD
MARY GILMORE WAY
WALKERS RD
WEISES RD
MIRROOL RD
REES ST
ARIAH ST
DAVIDSON ST
GARVINS LN
ARIAH PARK SHOWGROUND
BACK ARIAH PARK RD
REFER SHEET 2
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
BURLEY GRIFFIN WAY
BURLEY GRIFFIN WAY
MARY GILMORE WAY
TEMORA ROTO RAILWAY
ROGERS RD
SANITARY DEPOT RD
BRYCES HILL RD
GARVINS LN
ROGERS RD
MARY GILMORE WAY

N 300 0 300 600 900 m
Scale: 1:30,000

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.25
(Sheet 1 of 2)

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT ARIAH PARK
PMF

FLOOD HAZARD VULNERABILITY CLASSIFICATION

- H1 Generally safe for vehicles, people and buildings.
- H2 Unsafe for small vehicles.
- H3 Unsafe for vehicles, children and the elderly.
- H4 Unsafe for vehicles and people.
- H5 Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

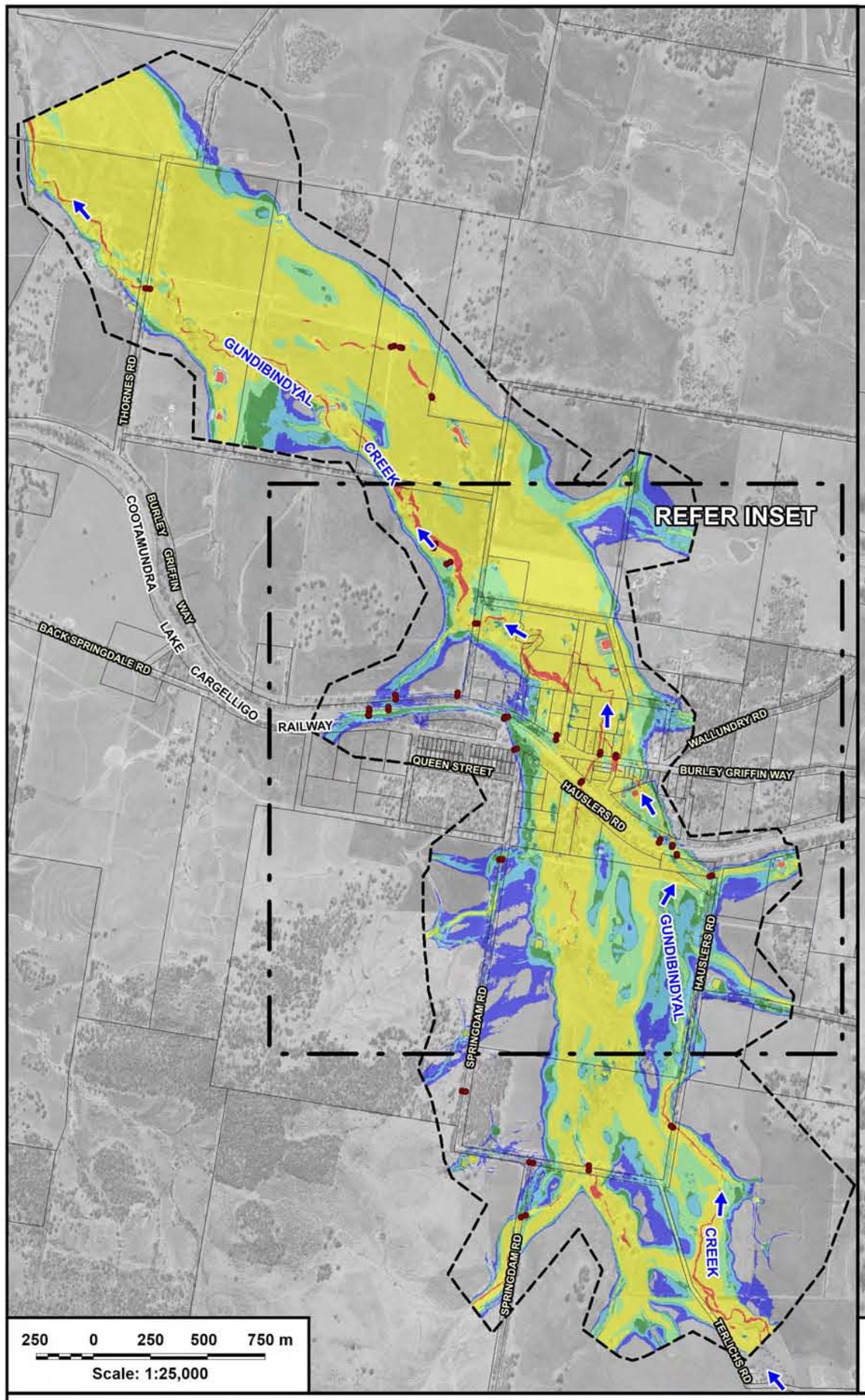
LEGEND

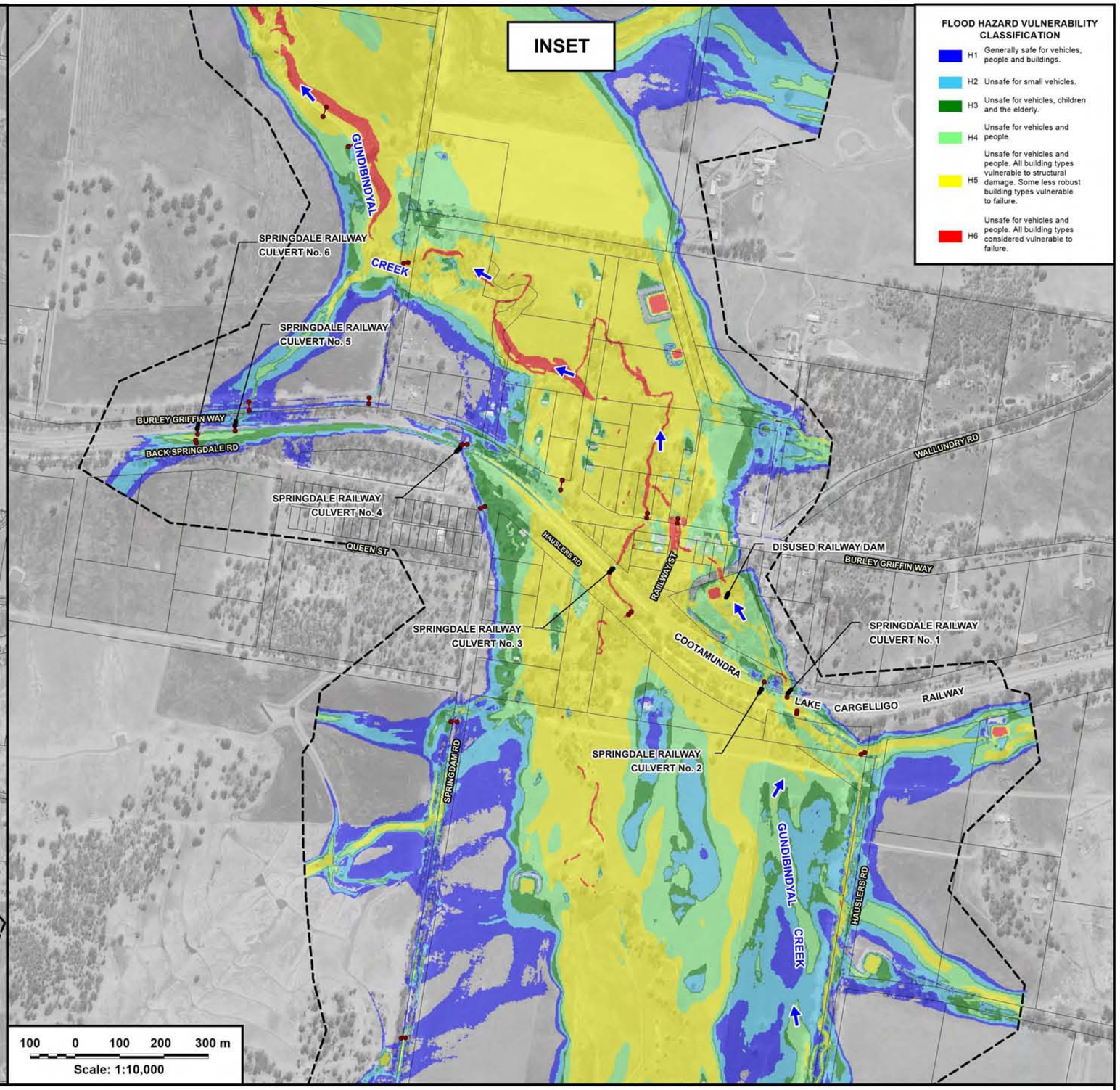
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.25
(Sheet 2 of 2)

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT ARIAH PARK PMF





FLOOD HAZARD VULNERABILITY CLASSIFICATION

H1	Generally safe for vehicles, people and buildings.
H2	Unsafe for small vehicles.
H3	Unsafe for vehicles, children and the elderly.
H4	Unsafe for vehicles and people.
H5	Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6	Unsafe for vehicles and people. All building types considered vulnerable to failure.

N

Lyall & Associates

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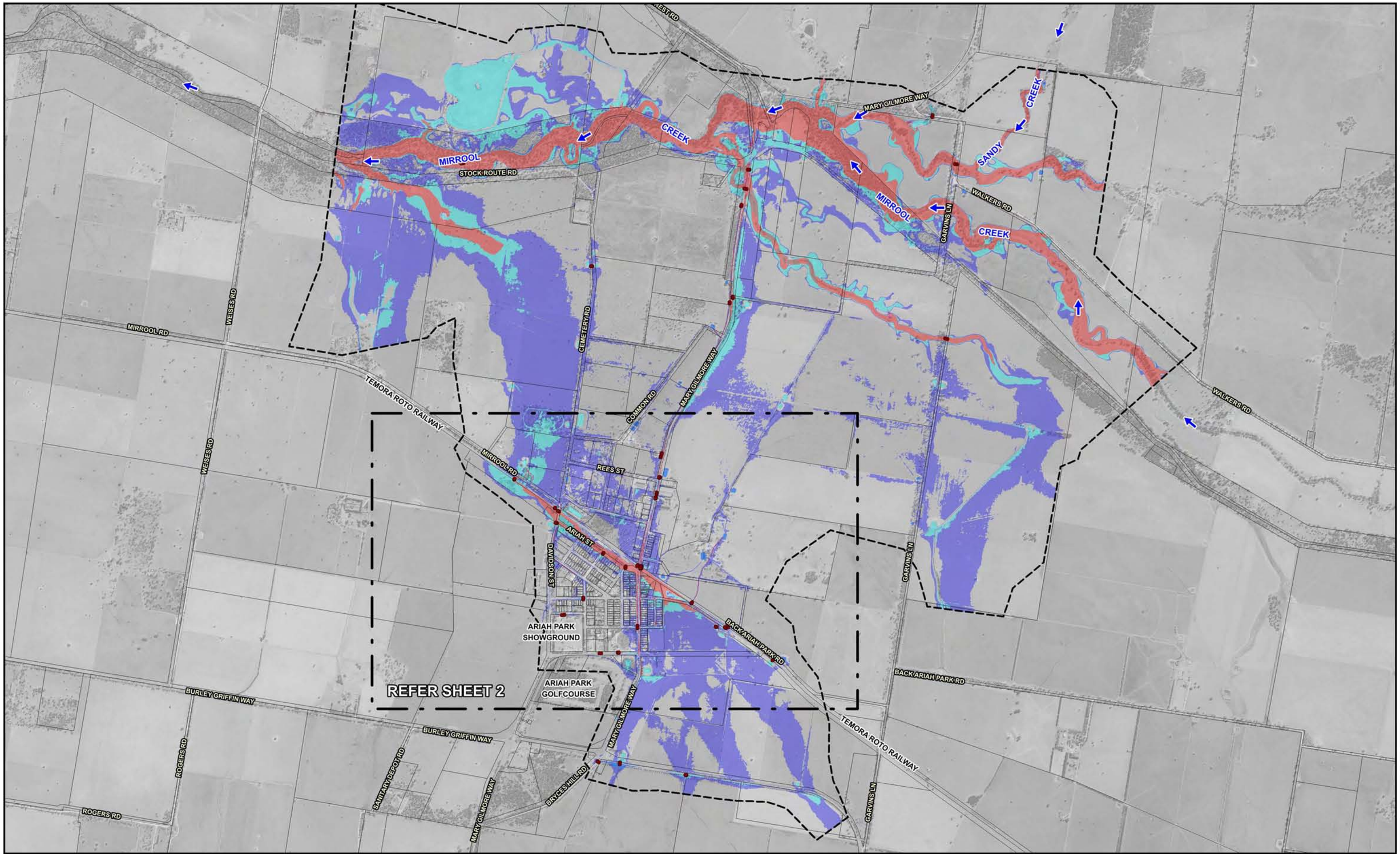
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE FLOOD STUDY

Figure 2.26

FLOOD HAZARD VULNERABILITY CLASSIFICATION AT SPRINGDALE PMF



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.27
(Sheet 1 of 2)

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT ARIAH PARK
1% AEP

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
LITTLE GEORGE ST
GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

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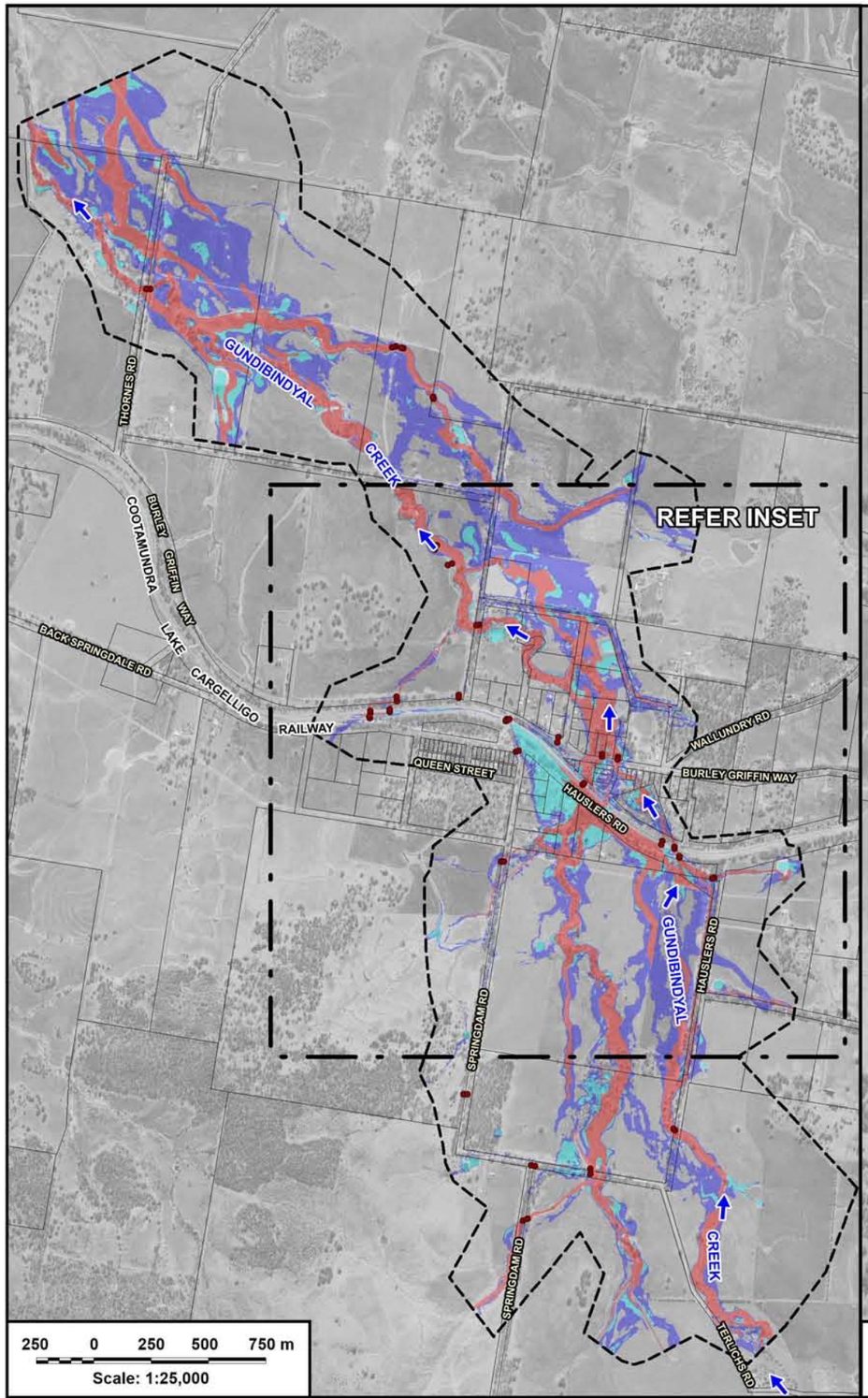
LEGEND

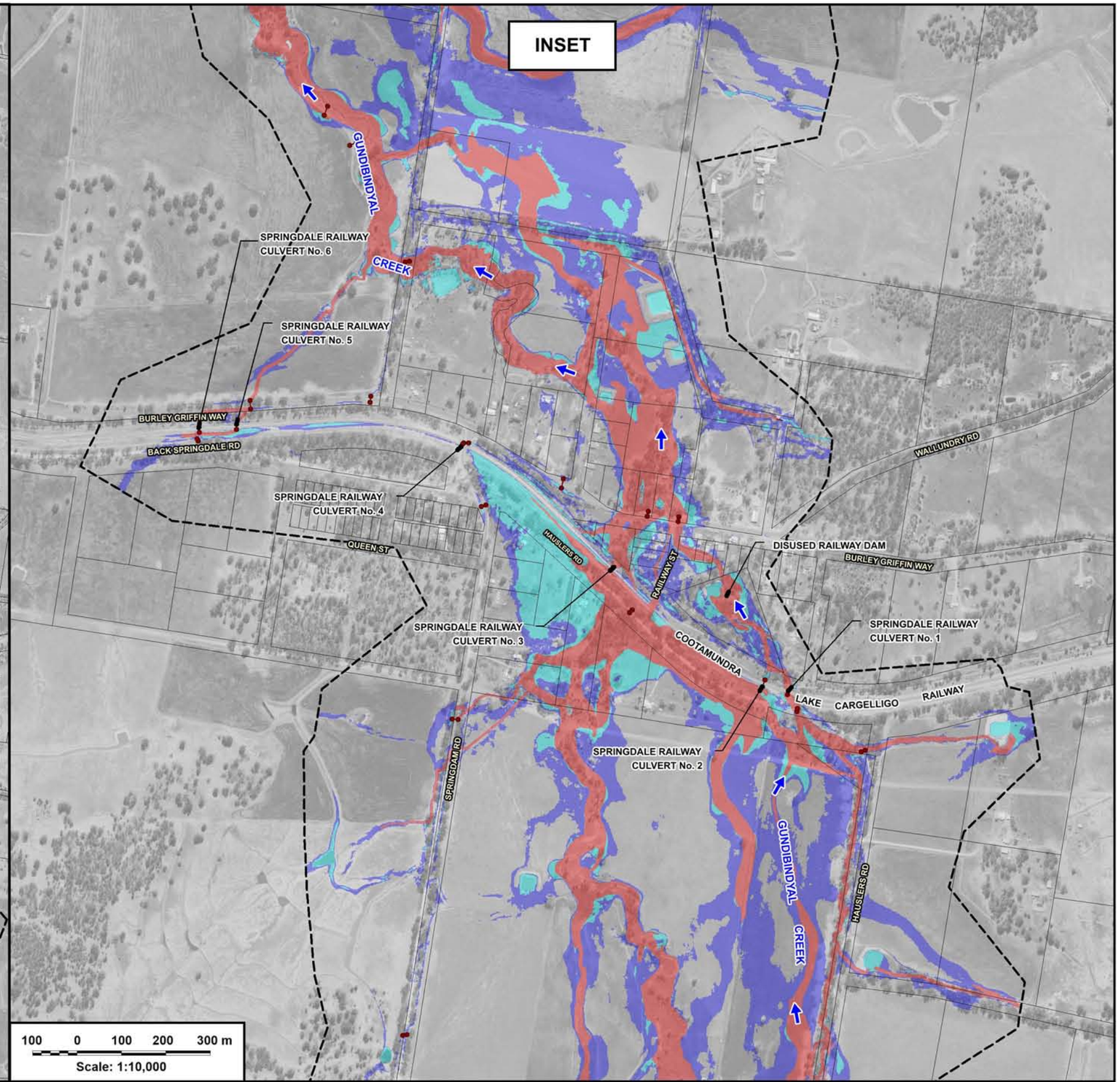
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.27
(Sheet 2 of 2)

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT ARIAH PARK
1% AEP





N

Lyall & Associates

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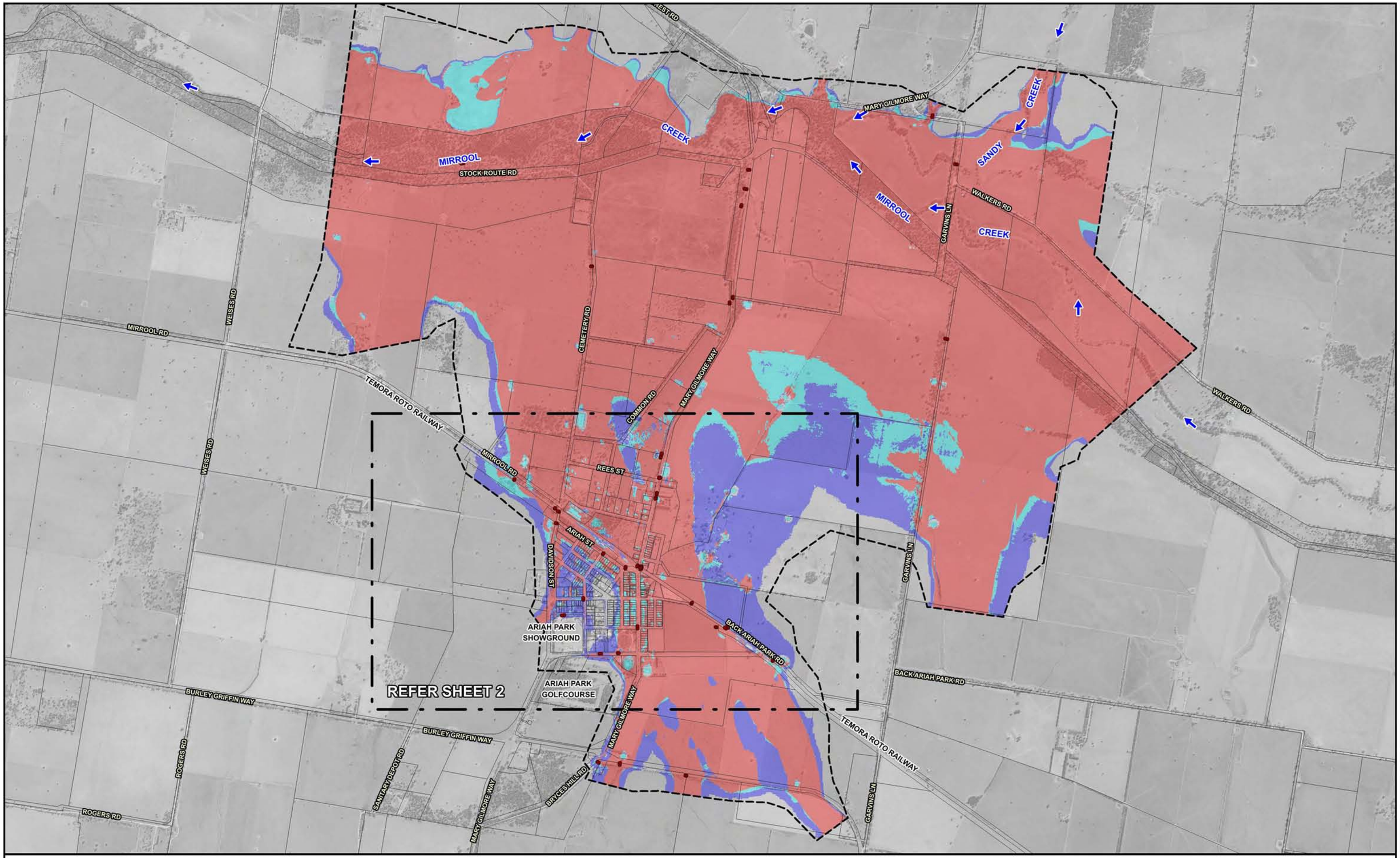
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.28

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT SPRINGDALE
1% AEP



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.29
(Sheet 1 of 2)

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT ARIAH PARK
PMF

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

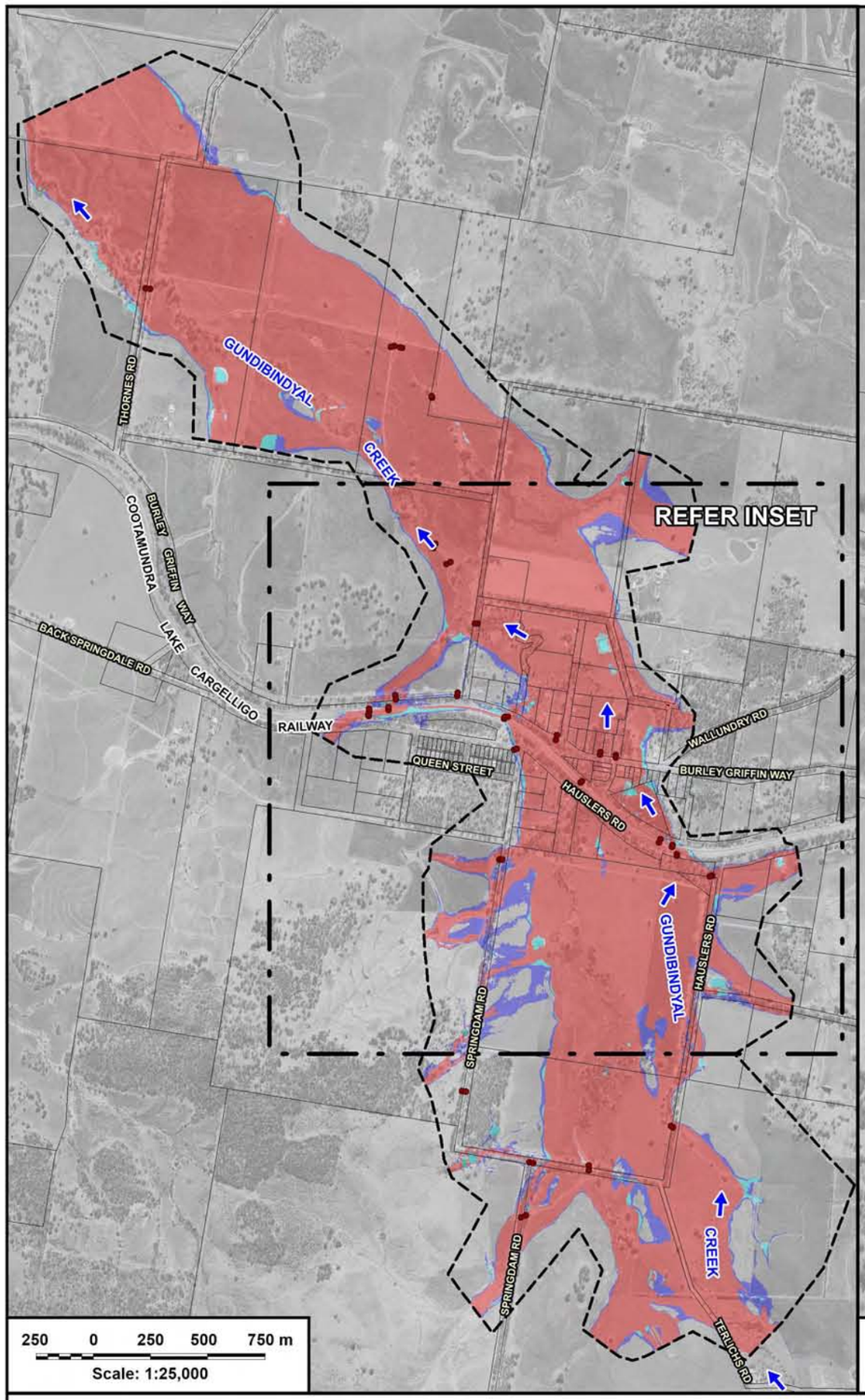
LEGEND

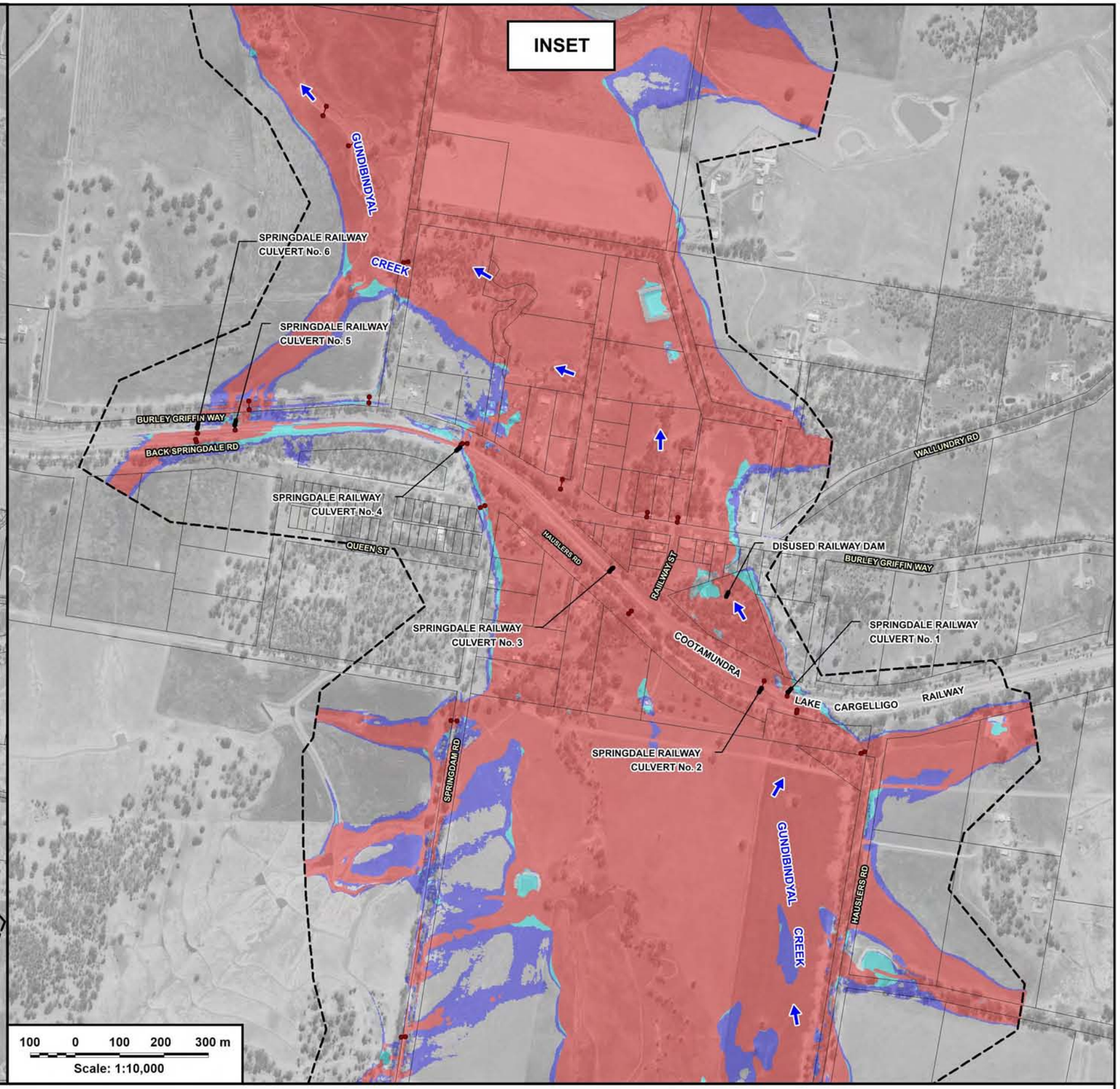
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.29
(Sheet 2 of 2)

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT ARIAH PARK
PMF





N

Lyall & Associates

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Floodway
- Flood Storage
- Flood Fringe

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.30

HYDRAULIC CATEGORISATION OF FLOODPLAIN AT SPRINGDALE
PMF

MIRROOL
STOCK ROUTE RD
CREEK
MARY GILMORE WAY
SANDY
CREEK
MIRROOL
GARVINS LN
WALKERS RD
CREEK
WALKERS RD
MIRROOL RD
WEISES RD
CEMETERY RD
COMMON RD
MARY GILMORE WAY
TEMORA ROTO RAILWAY
MIRROOL RD
REES ST
ARIAH ST
DAVIDSON ST
GARVINS LN
ARIAH PARK SHOWGROUND
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
BURLEY GRIFFIN WAY
BURLEY GRIFFIN WAY
TEMORA ROTO RAILWAY
SANITARY DEPOT RD
MARY GILMORE WAY
BRYCES HILL RD
GARVINS LN

LEGEND

R5	Large Lot Residential
RU1	Primary Production
RU5	Village
SP2	Infrastructure

N

300 0 300 600 900 m

Scale: 1:30,000

LEGEND

Two-Dimensional Model Boundary

Existing Piped Drainage System

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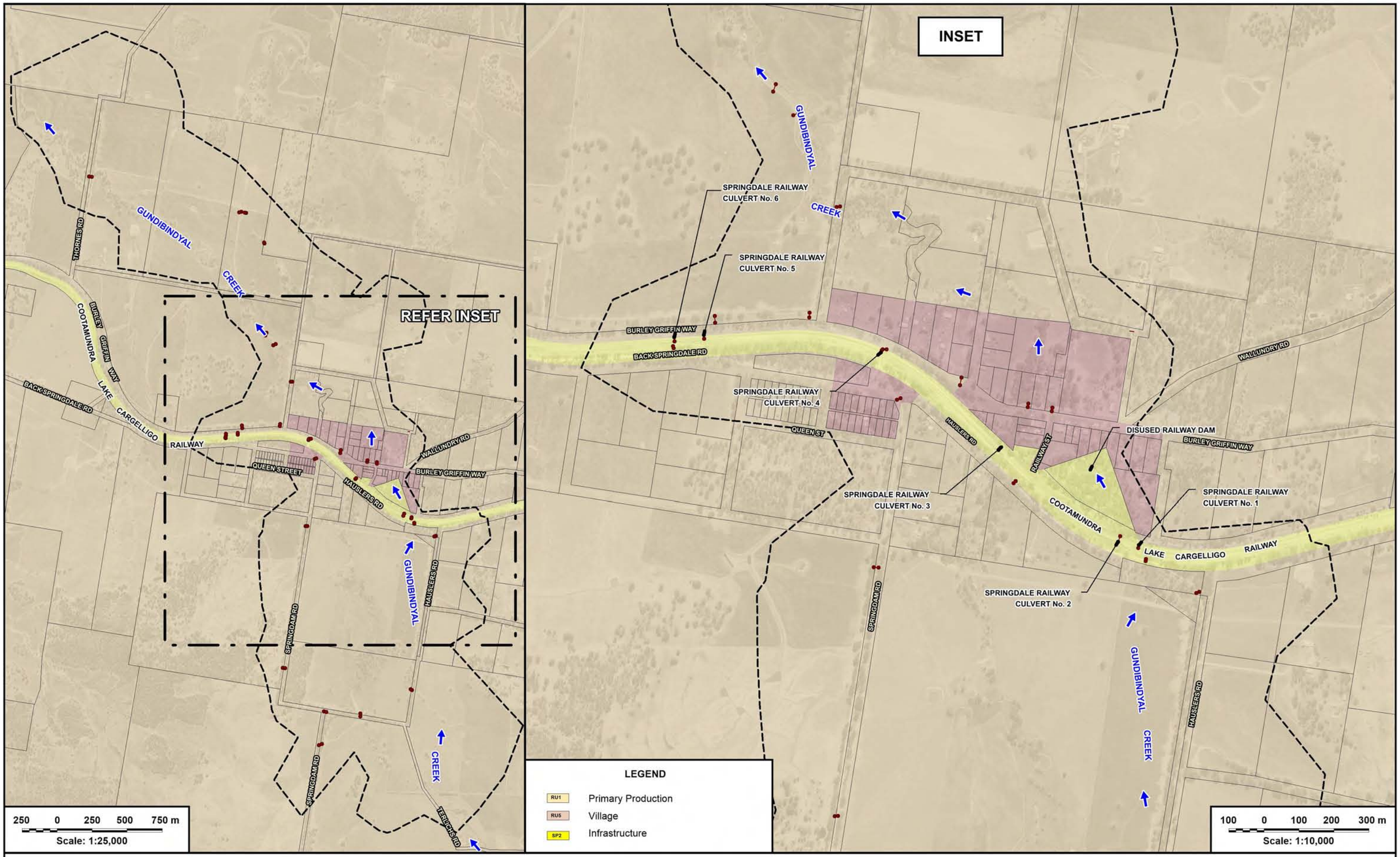
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.31

TEMORA LEP 2010 ZONING AT ARIAH PARK



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ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 2.32

TEMORA LEP 2010 ZONING AT SPRINGDALE

LAYOUT

INSET

ARIAH PARK RAILWAY CULVERT No. 5

ARIAH PARK RAILWAY CULVERT No. 4

ARIAH PARK RAILWAY CULVERT No. 3

ARIAH PARK RAILWAY CULVERT No. 2

ARIAH PARK RAILWAY CULVERT No. 1

NEW 6 OFF 3600 WIDE BY 900 HIGH RCBCs

NEW 5 OFF 3600 WIDE BY 900 HIGH RCBCs

ARIAH PARK RAILWWAY CULVERT NO.3

ARIAH PARKRAILWWAY CULVERT NO.2

ARIAH PARKRAILWWAY CULVERT NO.1

NEW 2 OFF 3000 WIDE BY 600 HIGH RCBCs

NEW 1 OFF 1200 WIDE BY 600 HIGH RCBC

NEW 1 OFF 1200 WIDE BY 600 HIGH RCBC

REFER INSET

MIRROOL RD
CEMETERY RD
COMMON RD
REES ST
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH ST
WATTLE ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
DAVIDSON ST
BROUGHTON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
BARNES ST
ARIAH PARK GOLFCOURSE
MARY GILMORE WAY
BACK ARIAH PARK RD

100 0 100 200 300 m
Scale: 1:10,000

5 0 5 10 15 m
Scale: 1:5,000

N

LEGEND

- Existing Piped Drainage System
- Proposed Widened/Regraded Channel
- Proposed Stormwater Drainage Element
- Proposed Raised Section of Coolamon Street/Ariah Street
- Proposed Earth Bund

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ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.1
(Sheet 1 of 4)

IMPACT OF ARIAH PARK TRUNK DRAINAGE UPGRADE SCHEME ON FLOOD BEHAVIOUR

20% AEP MAIN WINDOW

20% AEP INSET

Afflux (m)
- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

MIRROOL CREEK
MARY GILMORE WAY
SANDY CREEK
MIRROOL CREEK
WALKERS RD
GARVINS LN
CREEK
STOCK ROUTE RD
CEMETERY RD
COMMON RD
MARY GILMORE WAY
TEMORA ROTO RAILWAY
MIRROOL RD
REES ST
ARIAH ST
DAVIDSON ST
ARIAH PARK SHOWGROUND
REFER INSET
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
TEMORA ROTO RAILWAY
BURLEY GRIFFIN WAY
SANITARY DEPOT RD
BRYCES HILL RD
MARY GILMORE WAY
GARVINS LN
BACK ARIAH PARK RD
GARVINS LN
MARY GILMORE WAY

ARIAH PARK RAILWWAY CULVERT NO.3
BROUGHTON ST
ARIAH PARKRAILWWAY CULVERT NO.2
ARIAH ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
REID ST
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
WELLMAN ST
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
ARIAH PARKRAILWWAY CULVERT NO.1
BACK ARIAH PARK RD
MARY GILMORE WAY

300 0 300 600 900 m
Scale: 1:30,000

5 0 5 10 15 m
Scale: 1:5,000

N

LEGEND
- Existing Piped Drainage System
- Proposed Widened/Regraded Channel
- Proposed Stormwater Drainage Element
- Proposed Raised Section of Coolamon Street/Ariah Street
- Proposed Earth Bund
- Two-Dimensional Model Boundary

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ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.1
(Sheet 2 of 4)

IMPACT OF ARIAH PARK TRUNK DRAINAGE UPGRADE SCHEME ON FLOOD BEHAVIOUR

5% AEP MAIN WINDOW

5% AEP INSET

Afflux (m)
- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

MIRROOL CREEK
MARY GILMORE WAY
SANDY CREEK
MIRROOL CREEK
WALKERS RD
GARVINS LN
CREEK
MIRROOL
STOCK ROUTE RD
CEMETERY RD
COMMON RD
MARY GILMORE WAY
TEMORA ROTO RAILWAY
MIRROOL RD
REES ST
ARIAH ST
DAVIDSON ST
ARIAH PARK SHOWGROUND
REFER INSET
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
TEMORA ROTO RAILWAY
BURLEY GRIFFIN WAY
SANITARY DEPOT RD
MARY GILMORE WAY
BRYCES HILL RD
GARVINS LN
MARY GILMORE WAY
GARVINS LN

ARIAH PARK RAILWWAY CULVERT NO.3
BROUGHTON ST
ARIAH PARKRAILWWAY CULVERT NO.2
ARIAH ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
REID ST
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
TEMORA ROTO RAILWAY
BACK ARIAH PARK RD
ARIAH PARKRAILWWAY CULVERT NO.1
WELLMAN ST
ARIAH PARK SWIMMING POOL
MARY GILMORE WAY

300 0 300 600 900 m
Scale: 1:30,000

5 0 5 10 15 m
Scale: 1:5,000

N

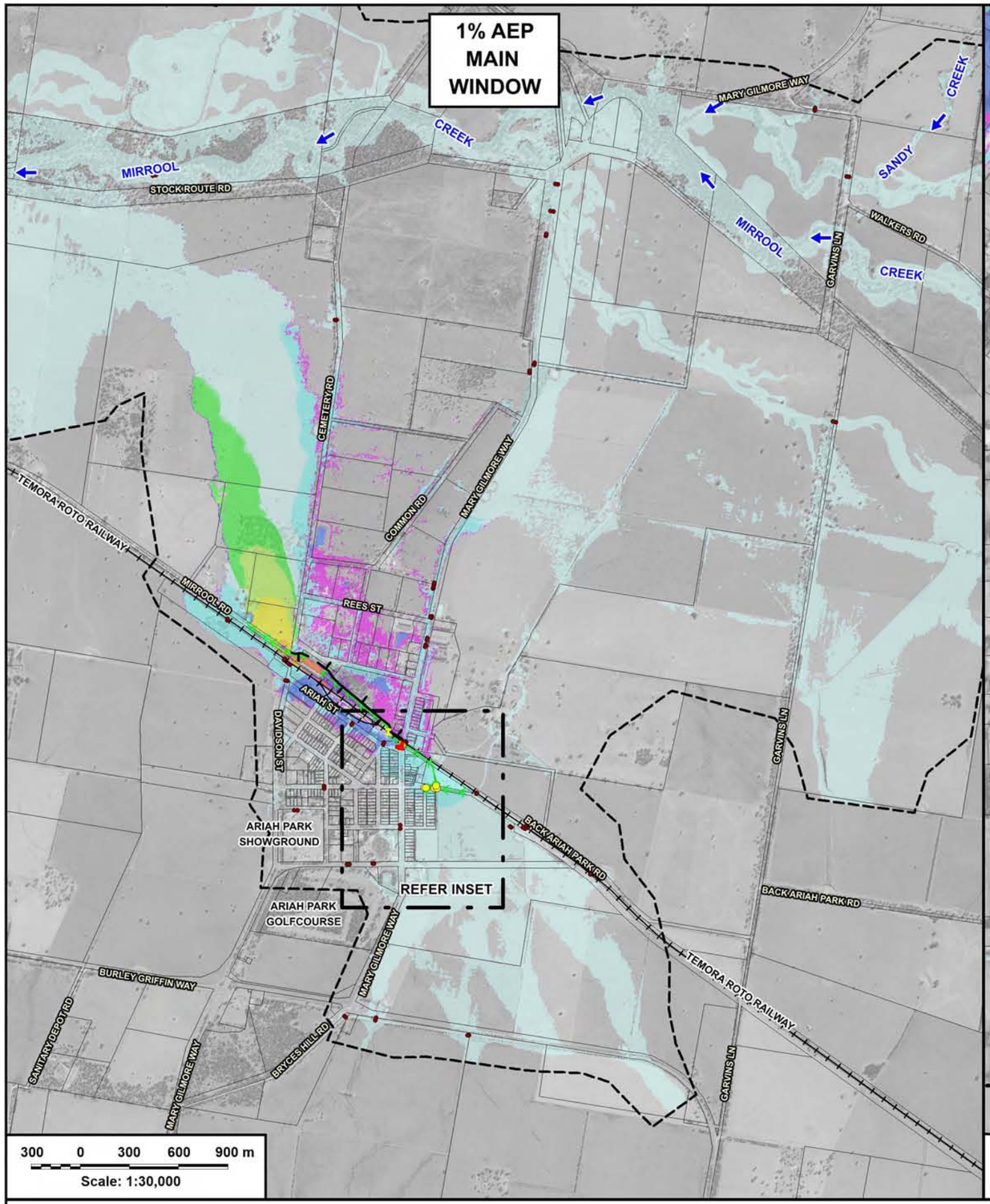
LEGEND
- Existing Piped Drainage System
- Proposed Widened/Regraded Channel
- Proposed Stormwater Drainage Element
- Proposed Raised Section of Coolamon Street/Ariah Street
- Proposed Earth Bund
- Two-Dimensional Model Boundary

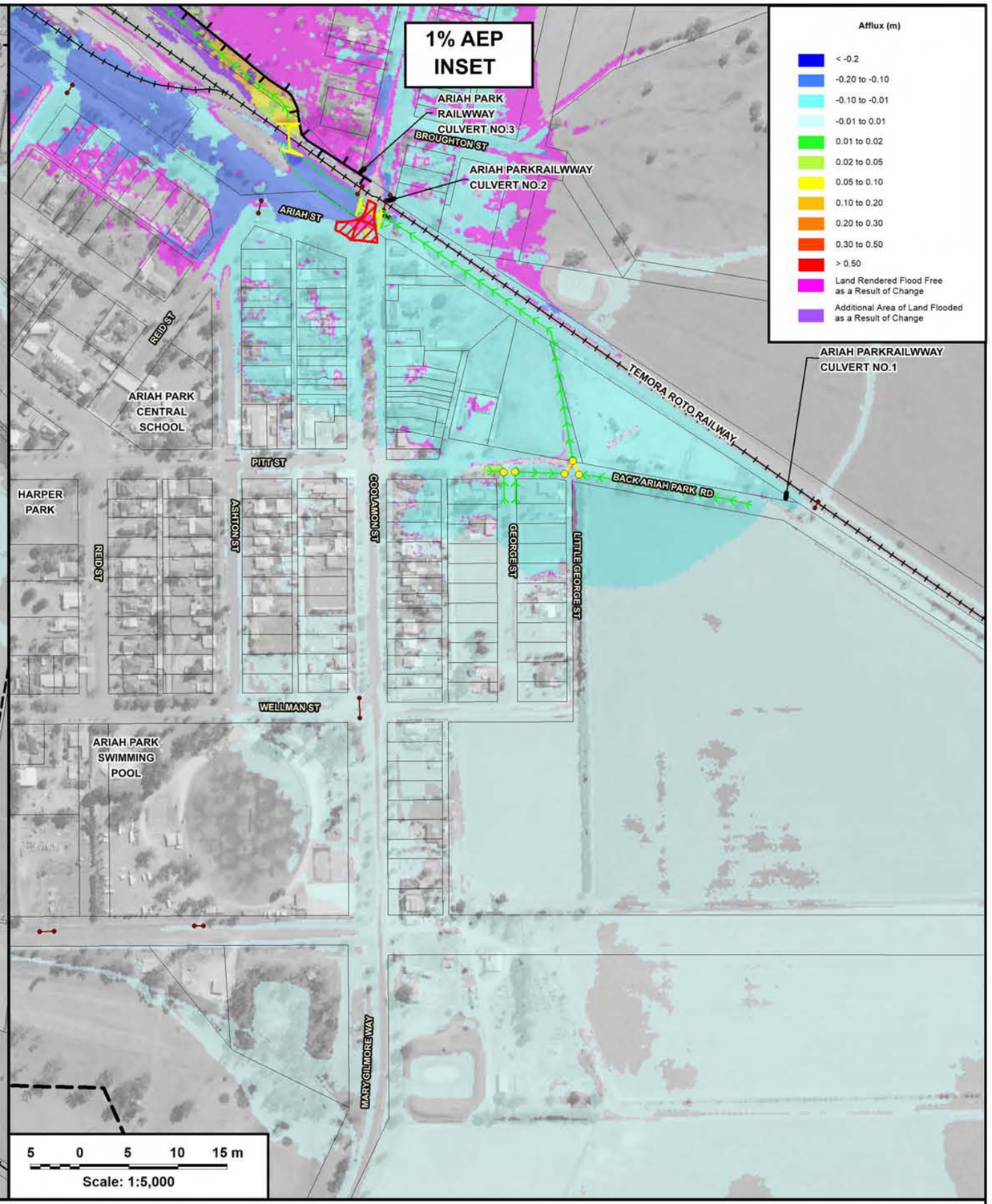
Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.1
(Sheet 3 of 4)

IMPACT OF ARIAH PARK TRUNK DRAINAGE UPGRADE SCHEME ON FLOOD BEHAVIOUR





N

LEGEND

- Existing Piped Drainage System
- Proposed Widened/Regraded Channel
- Proposed Stormwater Drainage Element
- Proposed Raised Section of Coolamon Street/Ariah Street
- Proposed Earth Bund
- Two-Dimensional Model Boundary

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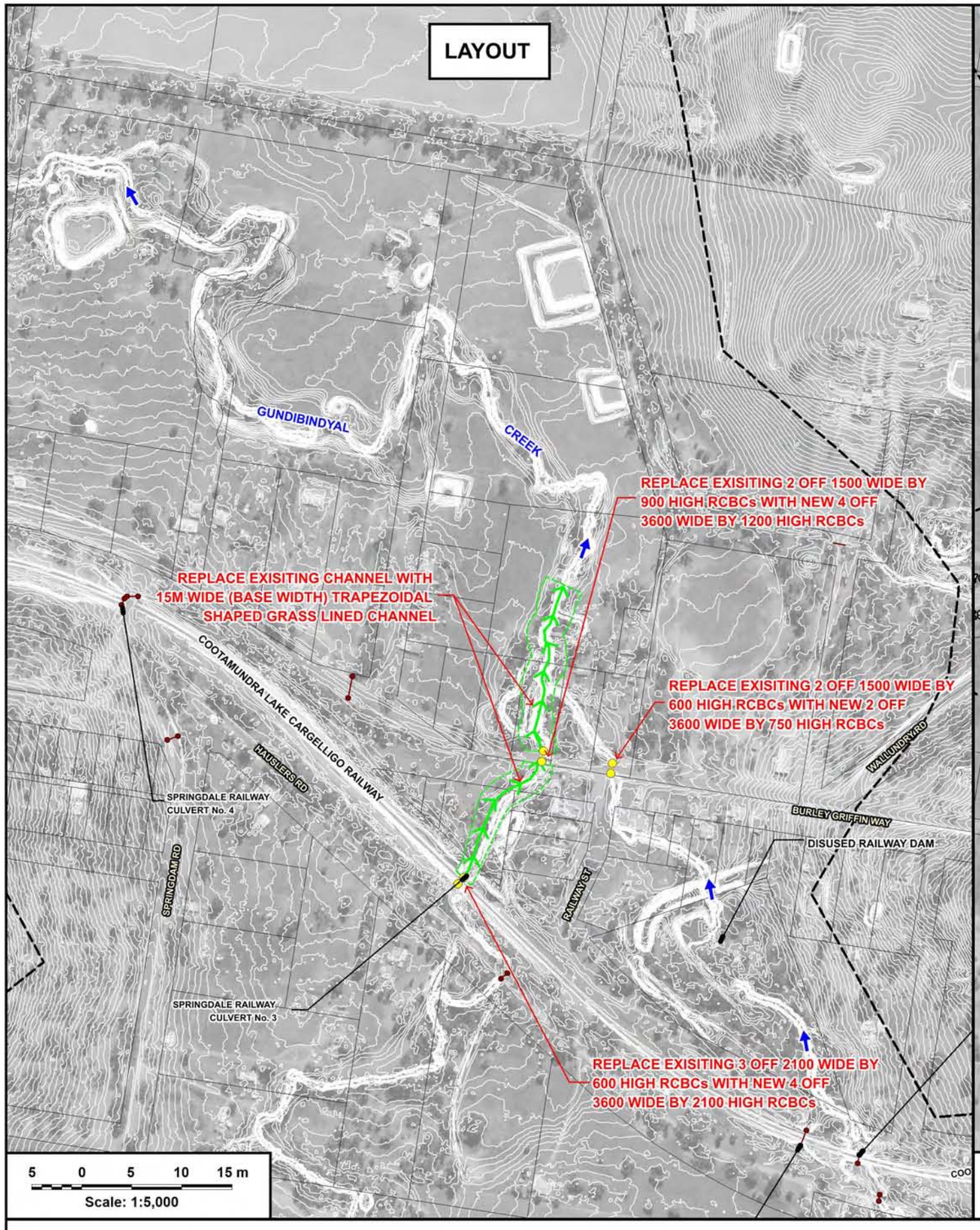
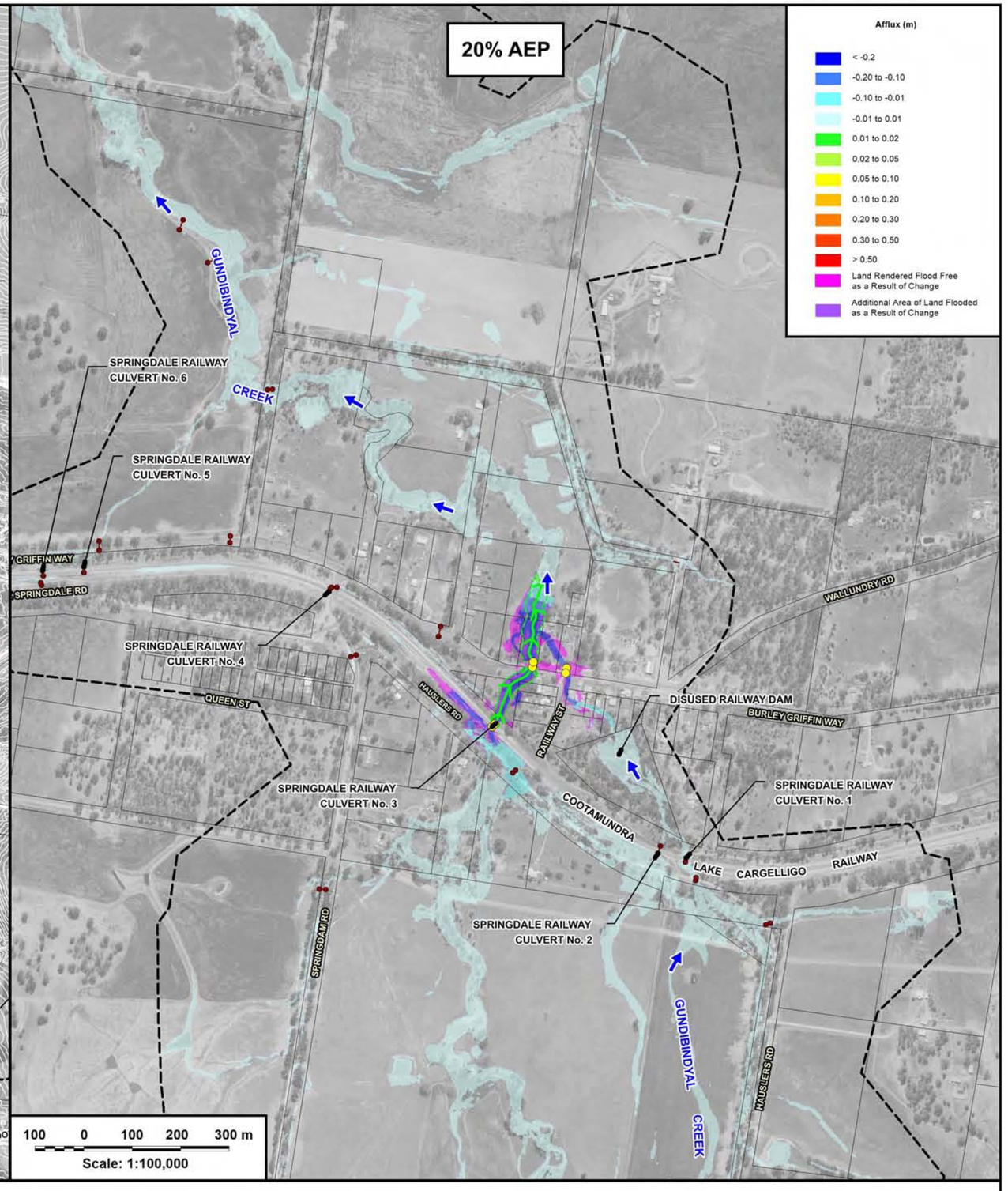
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.1
(Sheet 4 of 4)

IMPACT OF ARIAH PARK TRUNK DRAINAGE UPGRADE SCHEME ON FLOOD BEHAVIOUR





N

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Existing Stormwater Drainage System
- Proposed Stormwater Drainage Element
- Alignment of Proposed Channel Invert
- Extent of Proposed Channel Widening

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.2
(Sheet 1 of 2)

IMPACT OF SPRINGDALE TRUNK DRAINAGE UPGRADE ON FLOOD BEHAVIOUR

5% AEP

1% AEP

Afflux (m)

- < -0.2
- -0.20 to -0.10
- -0.10 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.30 to 0.50
- > 0.50
- Land Rendered Flood Free as a Result of Change
- Additional Area of Land Flooded as a Result of Change

GUNDIBINDYAL CREEK
SPRINGDALE RAILWAY CULVERT No. 6
SPRINGDALE RAILWAY CULVERT No. 5
SPRINGDALE RAILWAY CULVERT No. 4
SPRINGDALE RAILWAY CULVERT No. 3
SPRINGDALE RAILWAY CULVERT No. 2
SPRINGDALE RAILWAY CULVERT No. 1
GRIFFIN WAY
SPRINGDALE RD
WALLUNDRY RD
QUEEN ST
HAUSLERS RD
RAILWAY ST
DISUSED RAILWAY DAM
BURLEY GRIFFIN WAY
COOTAMUNDRA
LAKE CARGELLIGO RAILWAY
SPRINGDAM RD

100 0 100 200 300 m
Scale: 1:100,000

N

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

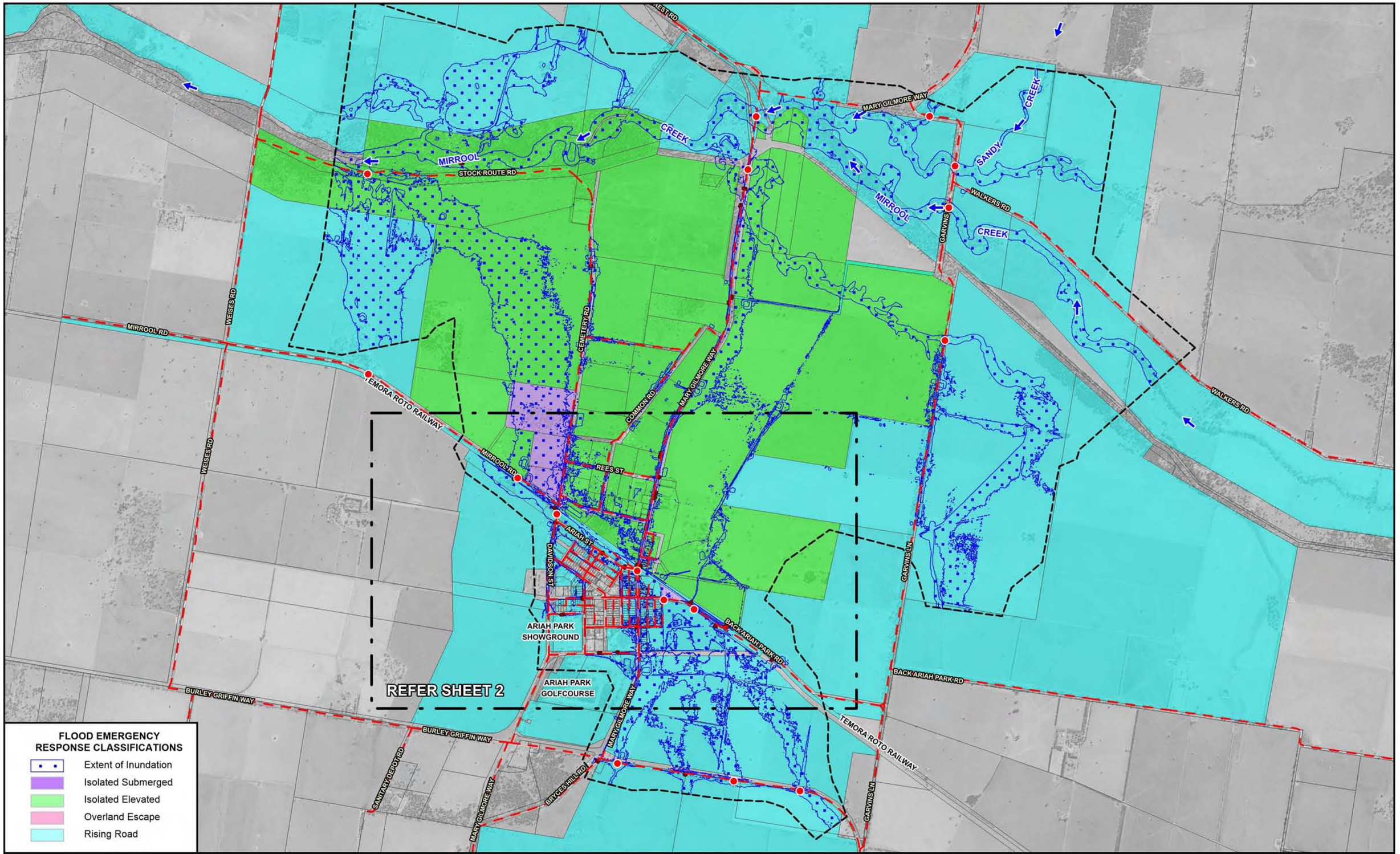
LEGEND

- Two-Dimensional Model Boundary
- Existing Stormwater Drainage System
- Proposed Stormwater Drainage Element
- Alignment of Proposed Channel Invert
- Extent of Proposed Channel Widening

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.2
(Sheet 2 of 2)

IMPACT OF SPRINGDALE TRUNK DRAINAGE UPGRADE ON FLOOD BEHAVIOUR



N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.3
(Sheet 1 of 2)

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK
5% AEP

FLOOD EMERGENCY RESPONSE CLASSIFICATIONS

- Extent of Inundation
- Isolated Submerged
- Isolated Elevated
- Overland Escape
- Rising Road

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
LITTLE GEORGE ST
GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

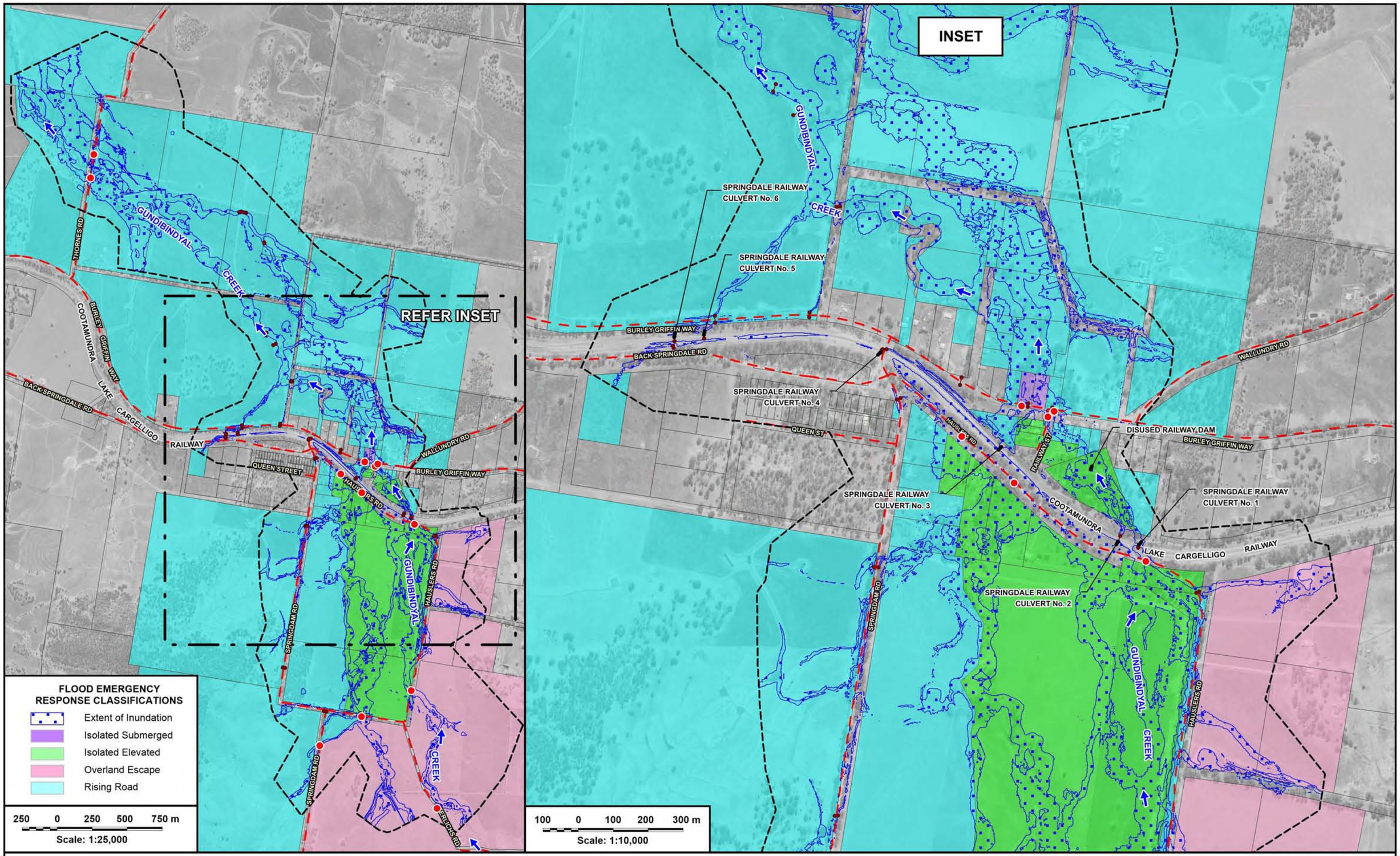
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.3
(Sheet 2 of 2)

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK
5% AEP



N

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

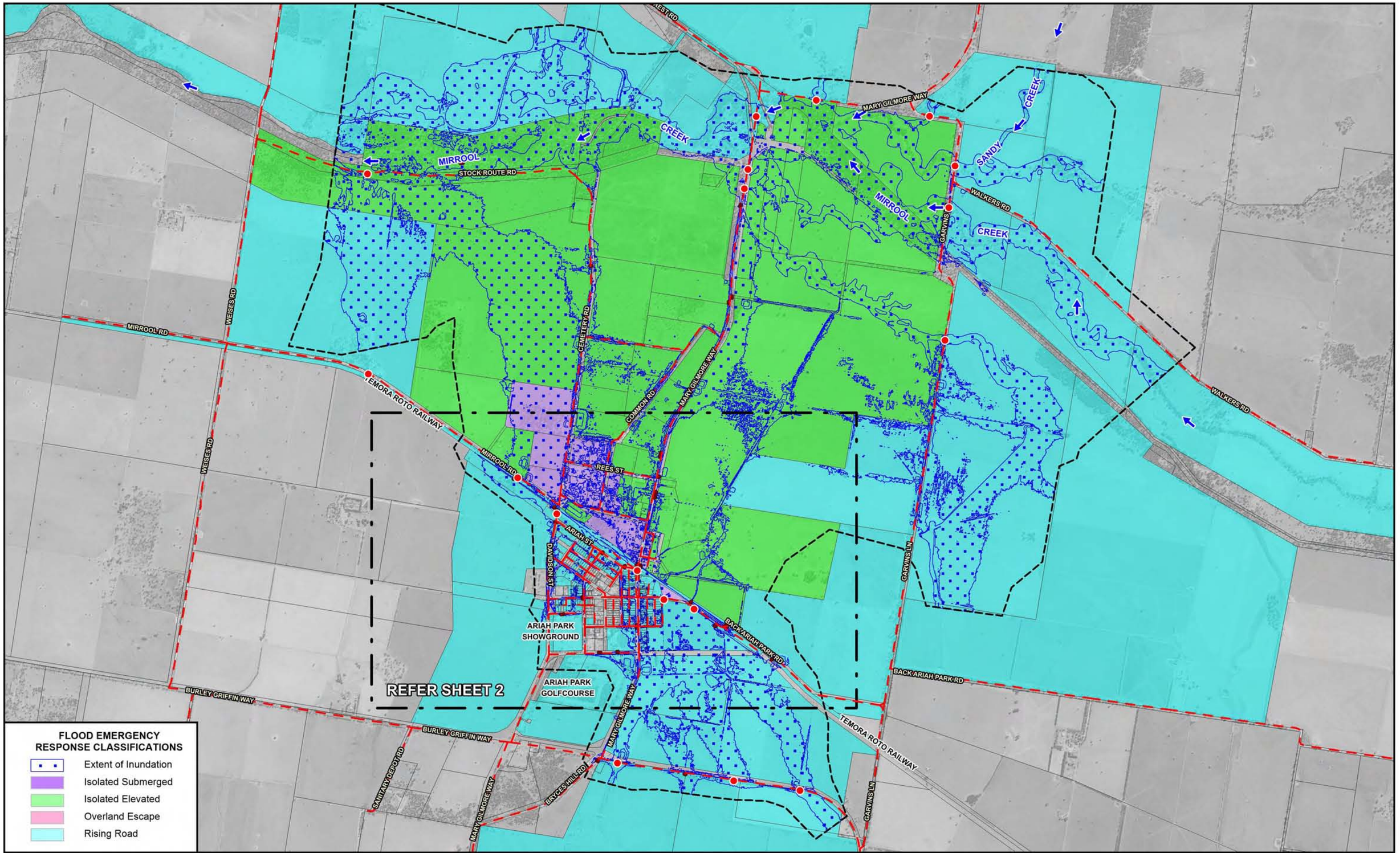
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.4

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT SPRINGDALE
5% AEP


MIRROOL
CREEK
STOCK ROUTE RD
MARY GILMORE WAY
SANDY
CREEK
WALKERS RD
MIRROOL
CREEK
GARVINS
MIRROOL RD
WEISES RD
CEMETERY RD
TEMORA ROTO RAILWAY
COMMON RD
MARY GILMORE WAY
REES ST
ARIAH ST
DAVIDSON ST
ARIAH PARK SHOWGROUND
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
GARVINS LN
REFER SHEET 2
BURLEY GRIFFIN WAY
SANITARY DEPOT RD
BRYCES HILL RD
TEMORA ROTO RAILWAY
FLOOD EMERGENCY RESPONSE CLASSIFICATIONS
Extent of Inundation
Isolated Submerged
Isolated Elevated
Overland Escape
Rising Road
N
300 0 300 600 900 m
Scale: 1:30,000
Lyall & Associates
NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.
Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.
LEGEND
Two-Dimensional Model Boundary
Modelled Stormwater Drainage System
Potential Vehicular Evacuation Route
Low Point in Potential Vehicular Evacuation Route Cut
ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN
Figure 3.5
(Sheet 1 of 2)
FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK
1% AEP

FLOOD EMERGENCY RESPONSE CLASSIFICATIONS

- Extent of Inundation
- Isolated Submerged
- Isolated Elevated
- Overland Escape
- Rising Road

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
COOLAMON ST
MANDAMAH ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEARIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
LITTLE GEORGE ST
GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

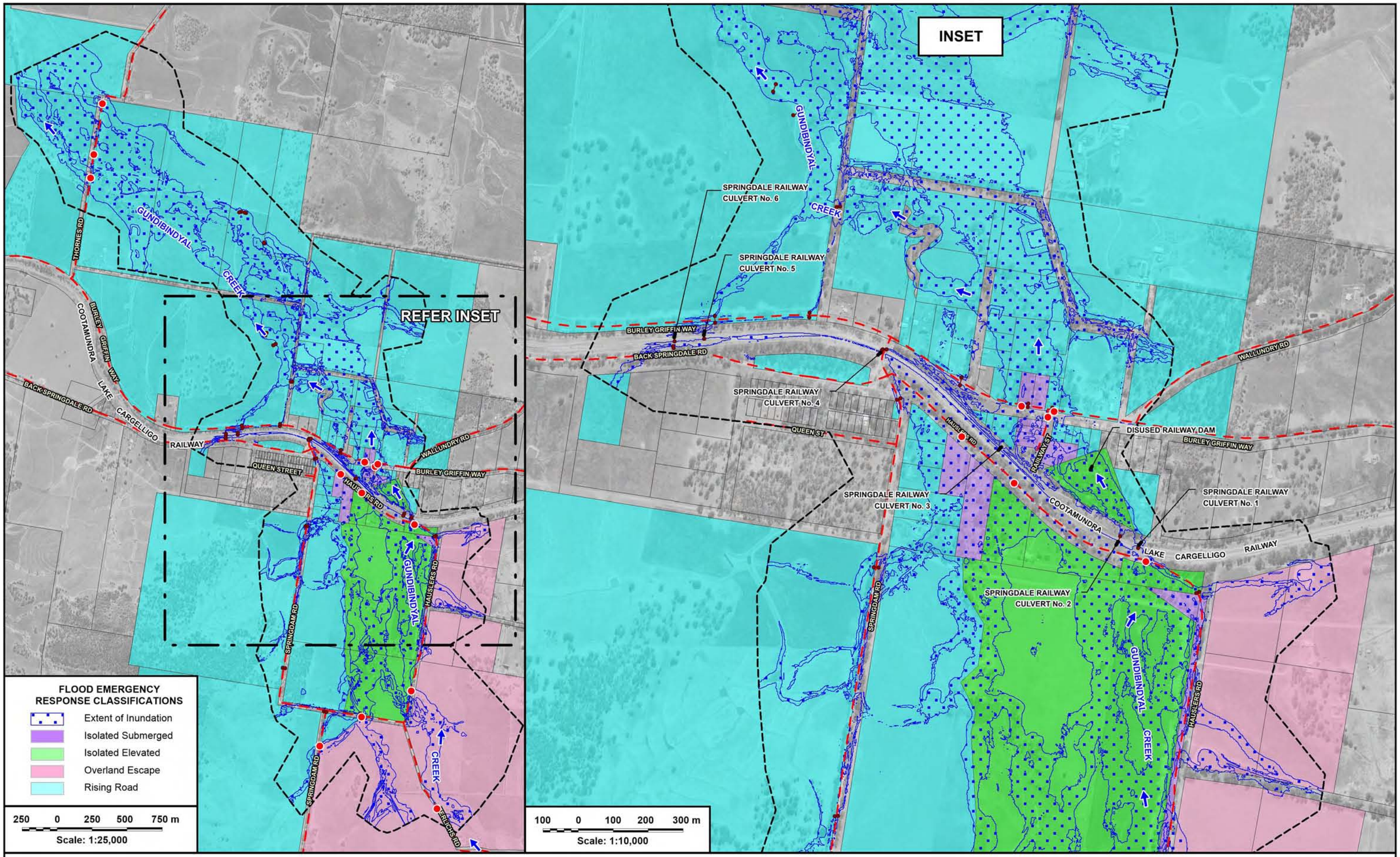
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.5
(Sheet 2 of 2)

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK
1% AEP



N

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

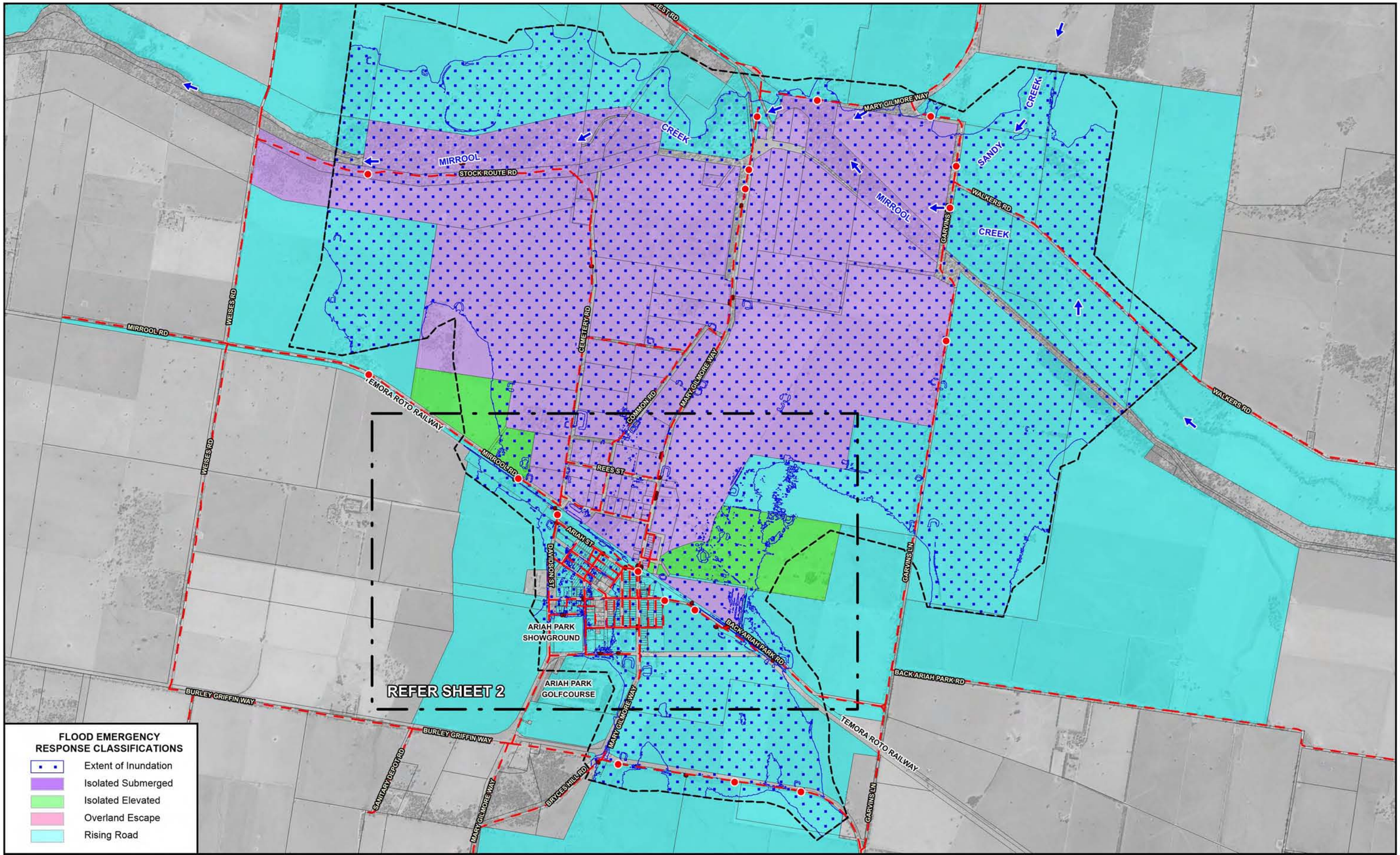
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

Lyall & Associates

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.6

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT SPRINGDALE
1% AEP



ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.7
(Sheet 1 of 2)

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK PMF

FLOOD EMERGENCY RESPONSE CLASSIFICATIONS

- Extent of Inundation
- Isolated Submerged
- Isolated Elevated
- Overland Escape
- Rising Road

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
ROPE TOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

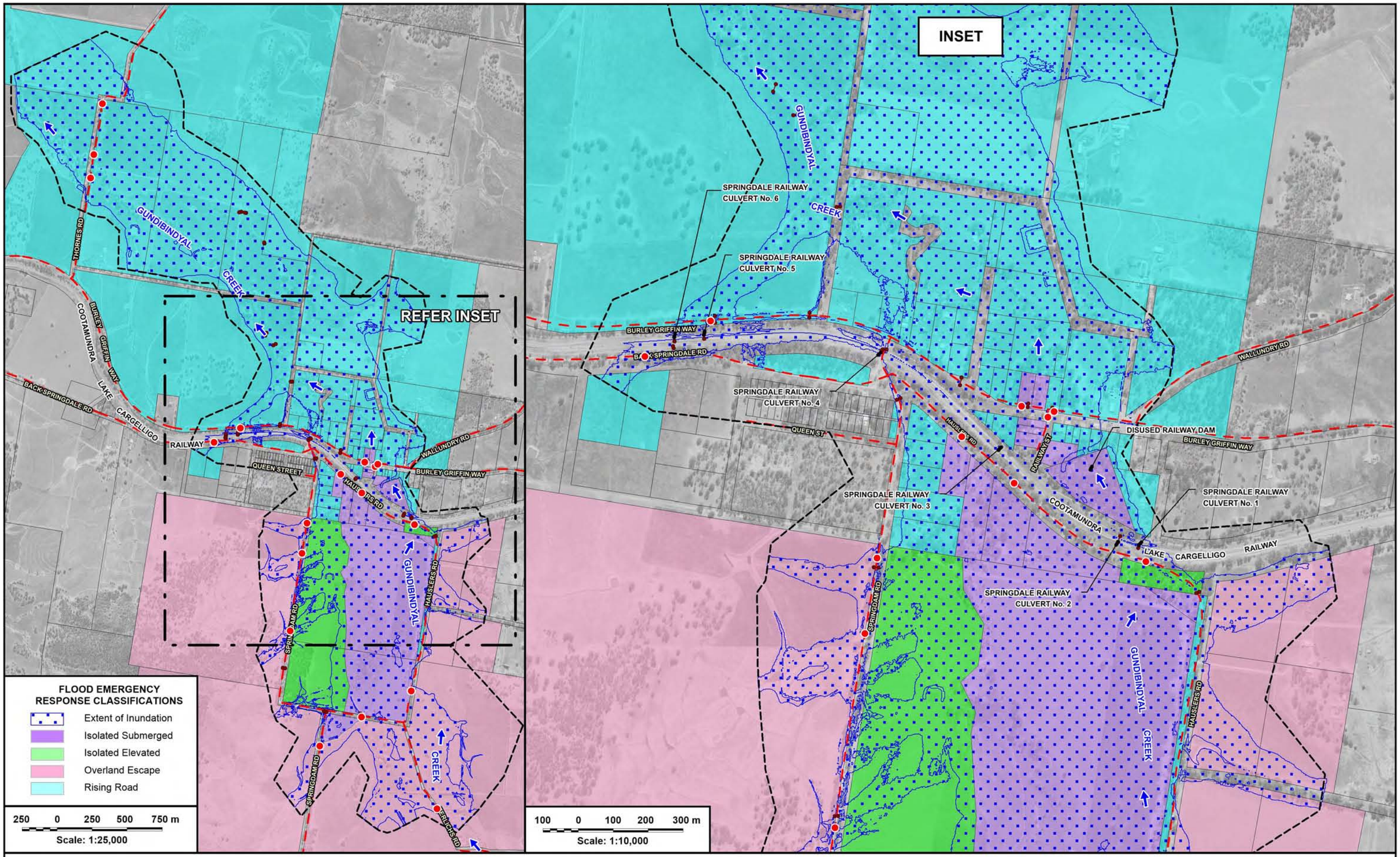
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.7
(Sheet 2 of 2)

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT ARIAH PARK
PMF



N

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Potential Vehicular Evacuation Route
- Low Point in Potential Vehicular Evacuation Route Cut

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure 3.8

FLOOD EMERGENCY RESPONSE CLASSIFICATION AT SPRINGDALE
PMF

APPENDIX C

SUGGESTED WORDING FOR INCLUSION IN TEMORA SHIRE DEVELOPMENT CONTROL PLAN

LIST OF FIGURES (APPENDIX C)

LEGEND

- Main Stream Flooding Flood Planning Area (Refer Schedule 2A of Appendix C)
- Main Stream Flooding Special Flood Considerations Zone (Refer Schedule 2A of Appendix C)
- Major Overland Flow Flood Planning Area (Refer Schedule 2B of Appendix C)
- Major Overland Flow Flooding Special Flood Considerations Zone (Refer Schedule 2B of Appendix C)

MIRROOL CREEK
STOCK ROUTE RD
MARY GILMORE WAY
SANDY CREEK
WALKERS RD
GARVINS LN
WEISES RD
MIRROOL RD
TEMORA ROTO RAILWAY
CEMETERY RD
COMMON RD
REES ST
ARIAH ST
DAVIDSON ST
ARIAH PARK SHOWGROUND
ARIAH PARK GOLFCOURSE
BACK ARIAH PARK RD
REFER SHEET 2
BURLEY GRIFFIN WAY
ROGERS RD
SANITARY DEPOT RD
BRYCES HILL RD

N

300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.1
(Sheet 1 of 2)

EXTRACT OF TEMORA SHIRE FLOOD PLANNING MAP AT ARIAH PARK

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
GEORGE ST
LITTLE GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

LEGEND

- Main Stream Flooding Flood Planning Area (Refer Schedule 2A of Appendix C)
- Main Stream Flooding Special Flood Considerations Zone (Refer Schedule 2A of Appendix C)
- Major Overland Flow Flood Planning Area (Refer Schedule 2B of Appendix C)
- Major Overland Flow Flooding Special Flood Considerations Zone (Refer Schedule 2B of Appendix C)

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m (min) grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

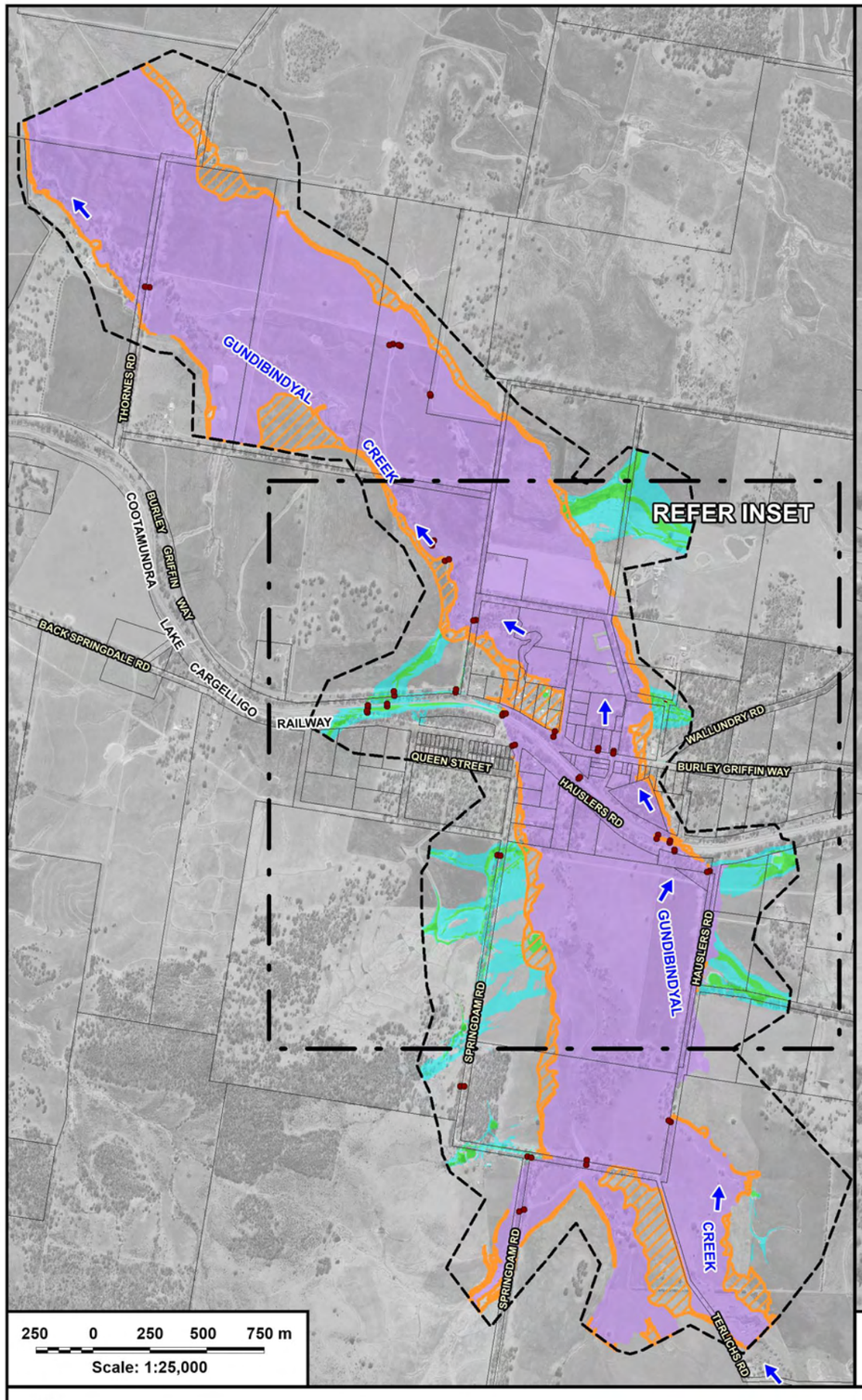
LEGEND

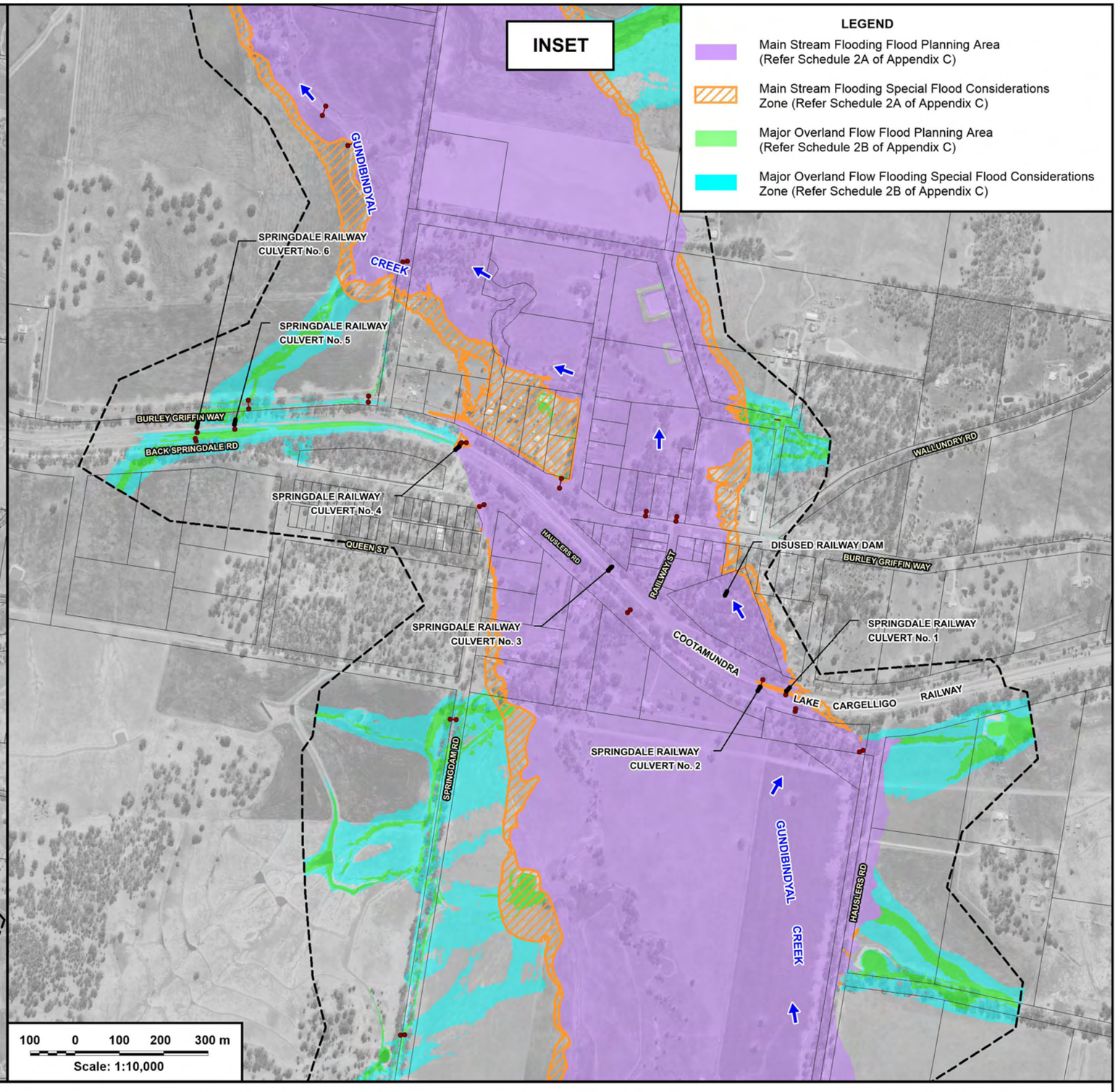
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.1
(Sheet 2 of 2)

EXTRACT OF TEMORA SHIRE FLOOD PLANNING MAP AT ARIAH PARK





LEGEND

- Main Stream Flooding Flood Planning Area (Refer Schedule 2A of Appendix C)
- Main Stream Flooding Special Flood Considerations Zone (Refer Schedule 2A of Appendix C)
- Major Overland Flow Flood Planning Area (Refer Schedule 2B of Appendix C)
- Major Overland Flow Flooding Special Flood Considerations Zone (Refer Schedule 2B of Appendix C)

N

Lyall & Associates

NOTE:
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 3 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.

Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

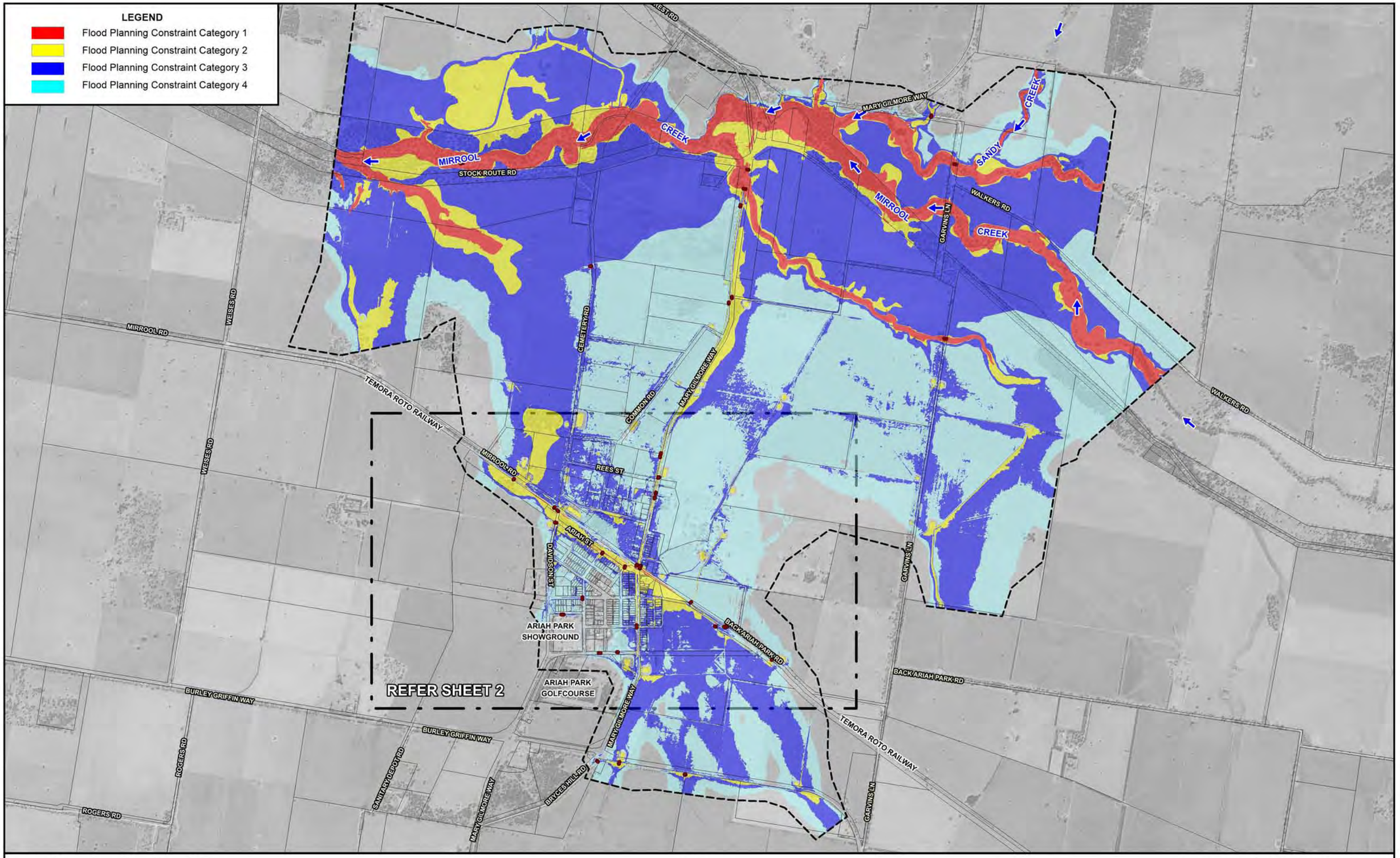
LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.2

EXTRACT OF TEMORA SHIRE FLOOD PLANNING MAP AT SPRINGDALE



N 300 0 300 600 900 m

Scale: 1:30,000

Lyall & Associates

NOTE:

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LEGEND

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.3
(Sheet 1 of 2)

EXTRACT OF TEMORA SHIRE FLOOD PLANNING CONSTRAINT CATEGORY MAP AT ARIAH PARK

TEMORA ROTO RAILWAY
MIRROOL RD
ARIAH PARK RAILWAY CULVERT No. 5
CEMETERY RD
COMMON RD
REES ST
ARIAH PARK RAILWAY CULVERT No. 4
MANDAMAH ST
COOLAMON ST
TEMORA ROTO RAILWAY
ARIAH PARK RAILWAY CULVERT No. 3
WATTLE ST
ARIAH ST
HOPETOUN ST
HARRISON ST
DEAKIN ST
BROUGHTON ST
ARIAH PARK RAILWAY CULVERT No. 2
ARIAH PARK RAILWAY CULVERT No. 1
DAVIDSON ST
REID ST
ARIAH PARK CENTRAL SCHOOL
PITT ST
HARPER PARK
ASHTON ST
COOLAMON ST
LITTLE GEORGE ST
GEORGE ST
MAXWELL ST
WELLMAN ST
ARIAH PARK SHOWGROUND
ARIAH PARK SWIMMING POOL
TEMORA ROTO RAILWAY
BARNES ST
BACK ARIAH PARK RD
ARIAH PARK GOLFCOURSE
DAVIDSON ST
MARY GILMORE WAY

LEGEND

- Flood Planning Constraint Category 1
- Flood Planning Constraint Category 2
- Flood Planning Constraint Category 3
- Flood Planning Constraint Category 4

N

100 0 100 200 300 m

Scale: 1:10,000

Lyall & Associates

NOTE:

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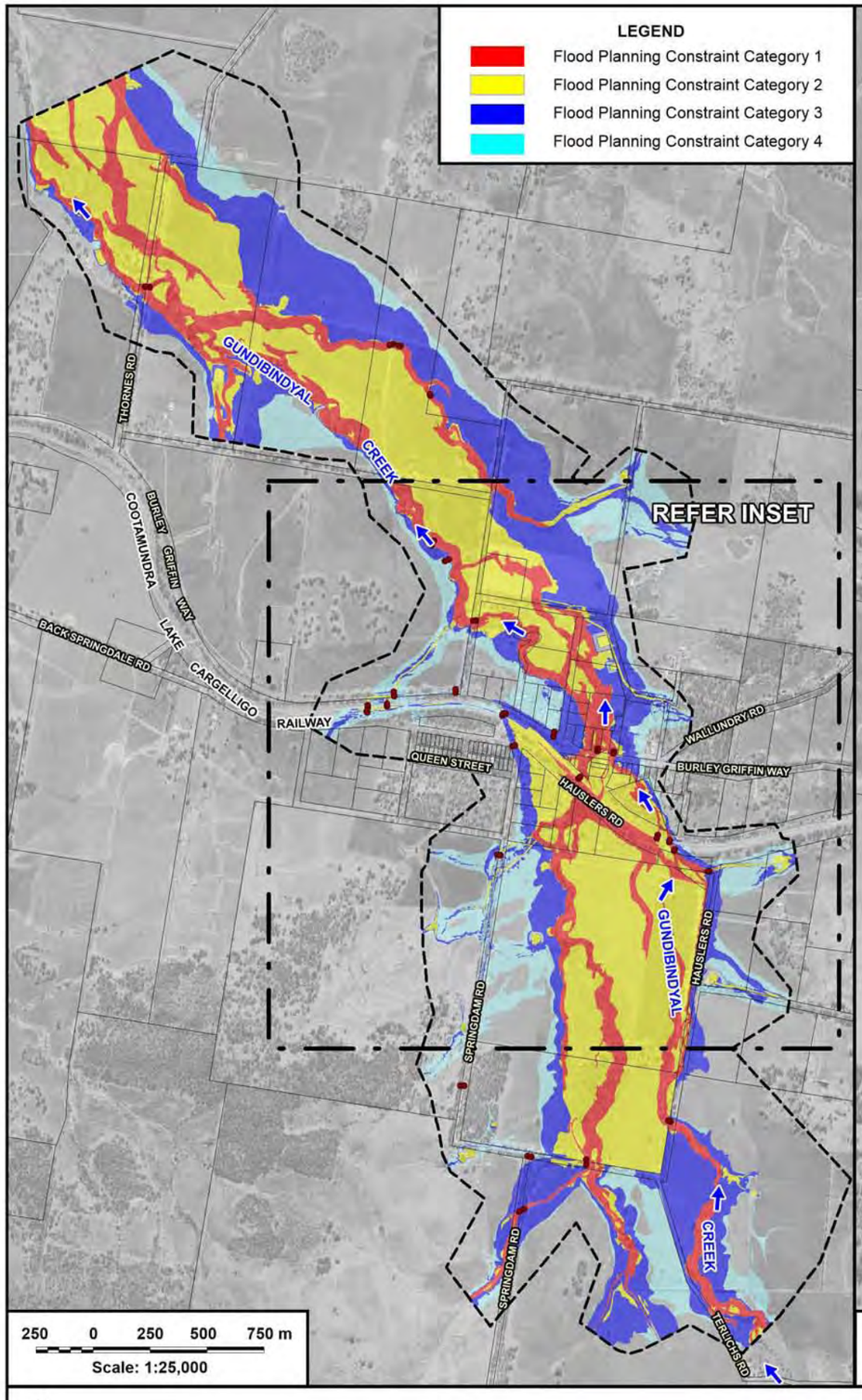
LEGEND

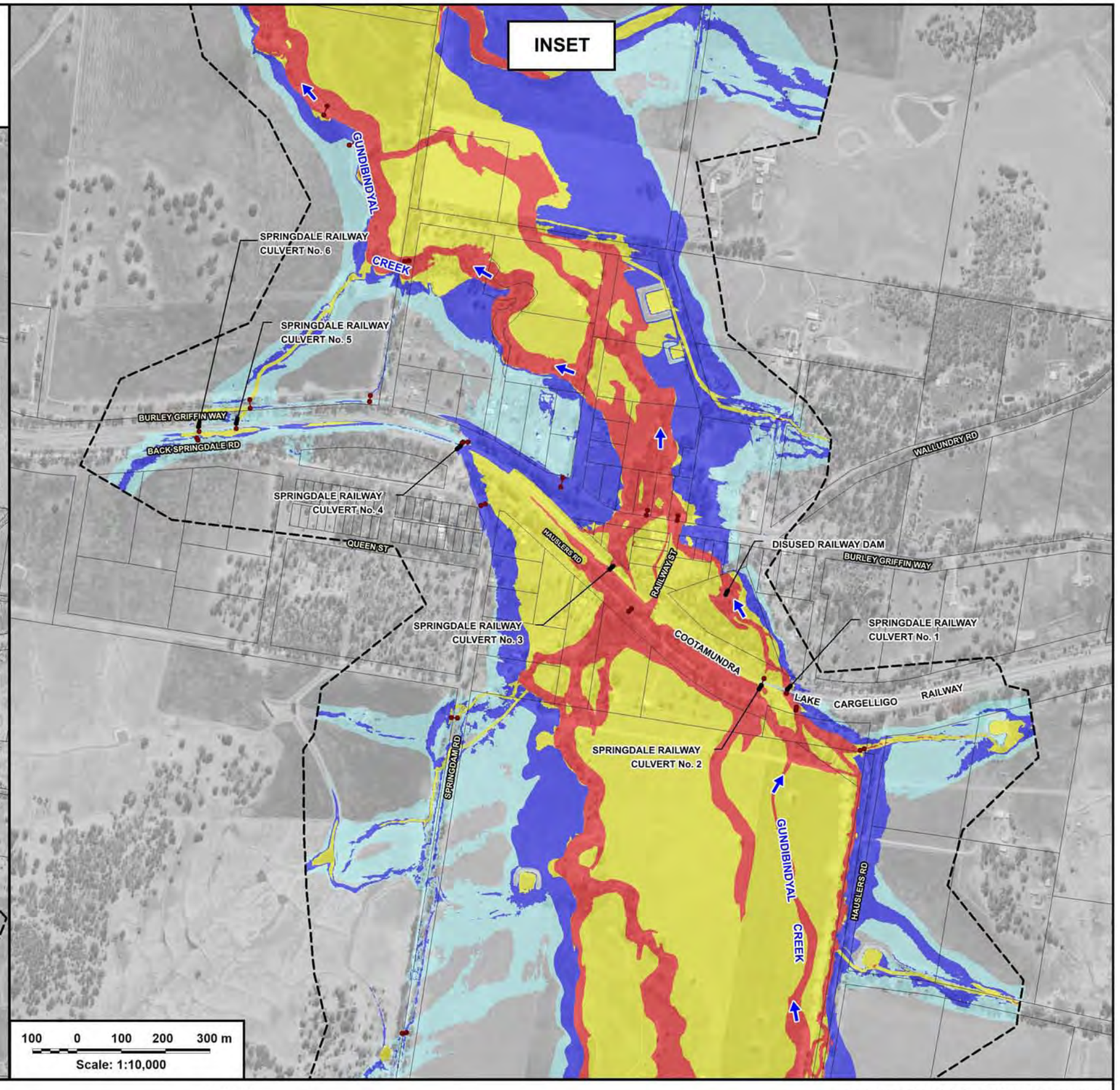
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.3
(Sheet 2 of 2)

EXTRACT OF TEMORA SHIRE FLOOD PLANNING CONSTRAINT CATEGORY MAP AT ARIAH PARK





N

Lyall & Associates

NOTE:
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Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

LEGEND
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System

ARIAH PARK AND SPRINGDALE
FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

Figure C1.4

EXTRACT OF TEMORA SHIRE FLOOD PLANNING CONSTRAINT CATEGORY MAP AT SPRINGDALE