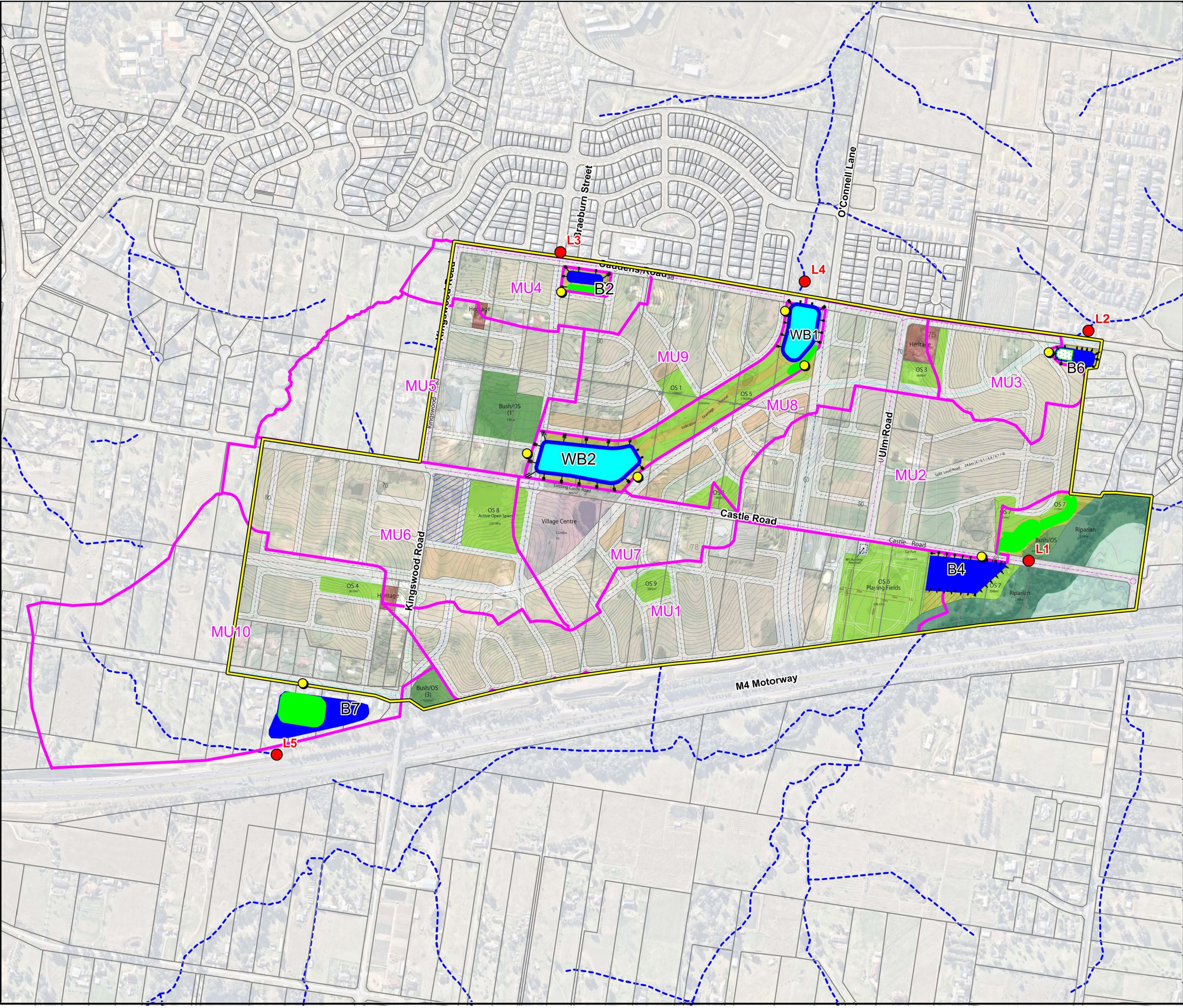


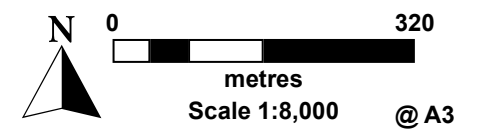
APPENDIX D

Figures

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\ReportFig_v3\Fig 4-01-110265 MUSIC_Catch.wor

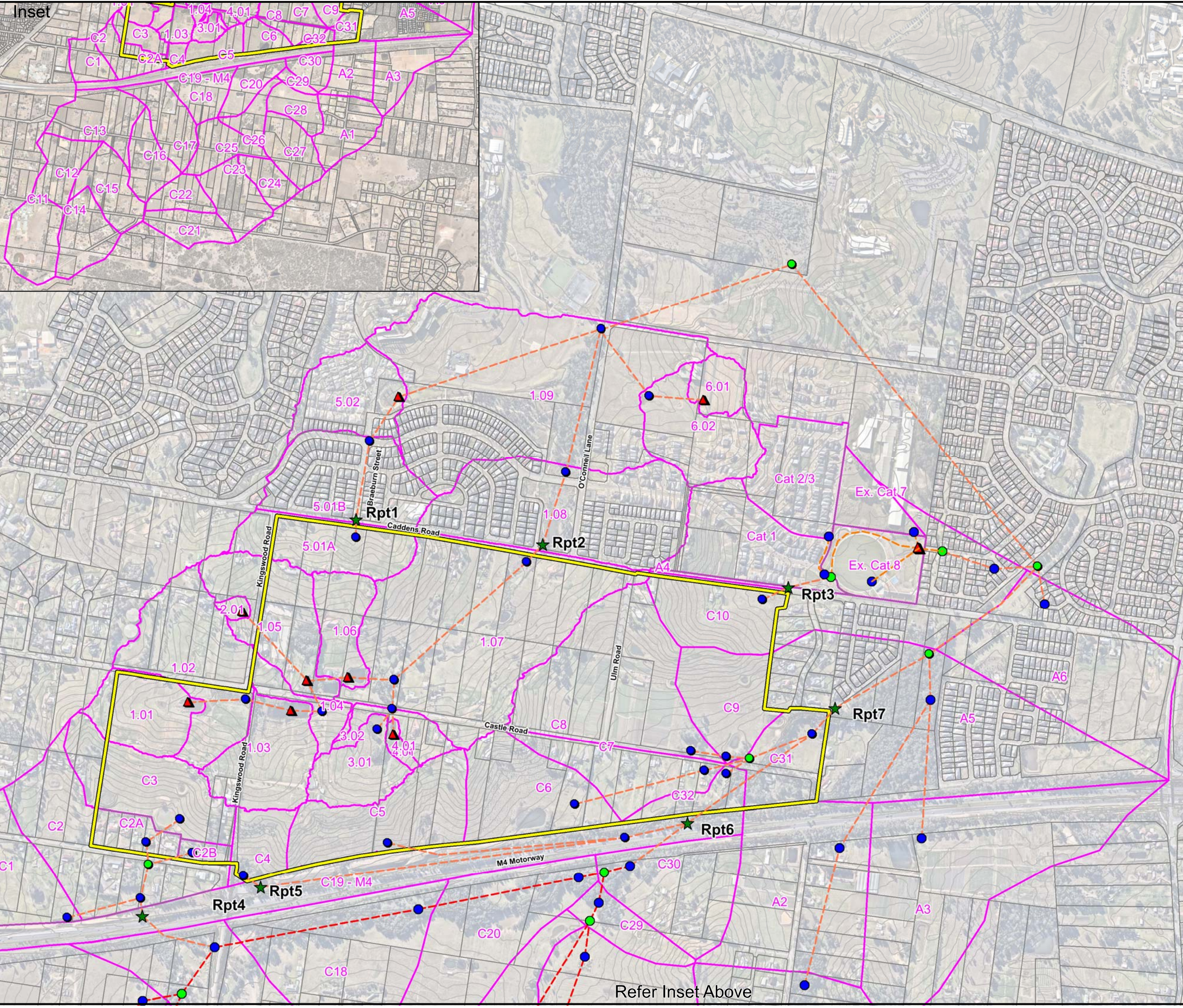


- LEGEND**
- Precinct Boundary
 - MUSIC Catchment Boundary
 - Bioretention co-located in Basin
 - Bioretention
 - Basin
 - Pond
 - Existing Watercourse
 - Gross Pollutant Trap
 - SEI Reporting Location



Projection: GDA 1994 MGA Zone 56

Filename: J:\110265 - Orchard Hills\07 - WCM\Figures\ReportFig_v3\Fig 5-01-110265_ Ex Cat.wor



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CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
& PROJECT MANAGERS
P 02 4720 3300
www.jwprince.com.au

LEGEND

Precinct Boundary

Existing Catchment

Basin and Farm Dam

Catchment Node

Dummy Node

Reporting Node

Link

N

0 400

metres

Scale 1:10,000 @ A3

Projection: GDA 1994 MGA Zone 56

Figure 5-01
Orchard Hills
Rezoning Application
Strategy Update

Existing Conditions Catchment Plan
XP-RAFTS Schematic Layout

Date: 20/08/2019 Issue: A

Refer Inset Above

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\ReportFig_v3\Fig 5-02-110265 Dev Cat.wor

LEGEND

Precinct Boundary

Existing Catchment

Developed Catchment

Basin and Farm Dam

Proposed Basin

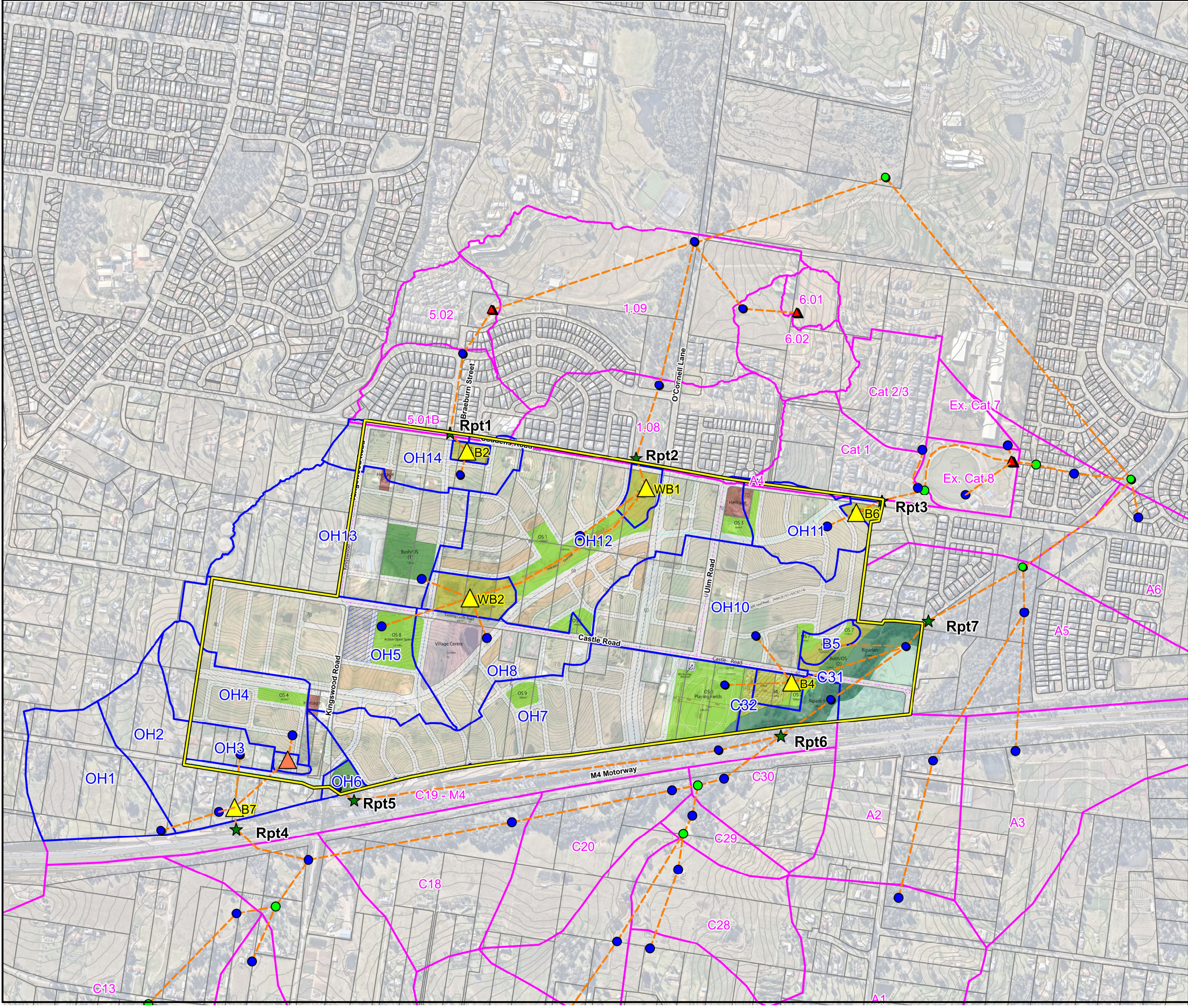
Catchment Node

Dummy Node

Reporting Node

Link

Temporary Basin Required



N

0

400

metres

Scale 1:10,000 @ A3

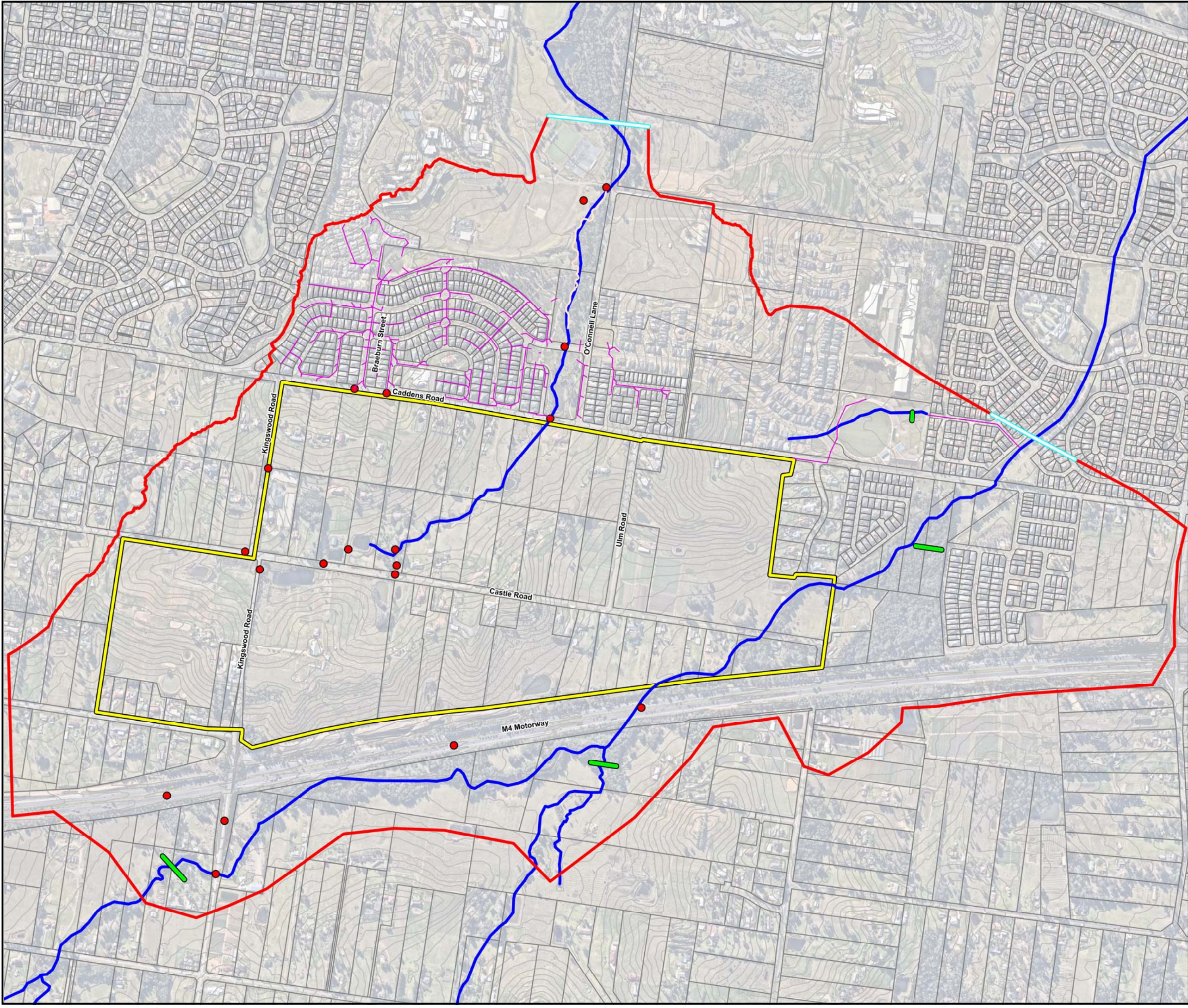
Projection: GDA 1994 MGA Zone 56

Figure 5-02
Orchard Hills
Rezoning Application
Strategy Update

Developed Conditions Catchment
Plan
XP-RAFTS Schematic Layout

Date: 27/05/2021 Issue: B

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\ReportFig_v3\Fig 6-01-110265_Tuflow Model Boundary.wor



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CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
& PROJECT MANAGERS
P 02 4720 3300
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LEGEND

Precinct Boundary

Tuflow Boundary

1m Flood Level Contour

Existing Watercourse

Upstream Catchment Inflow Location

Downstream Boundary

Pipe Network

Creek Modelled in 1D

Modelled Culvert Location

N

0400

metres

Scale 1:10,000 @ A3

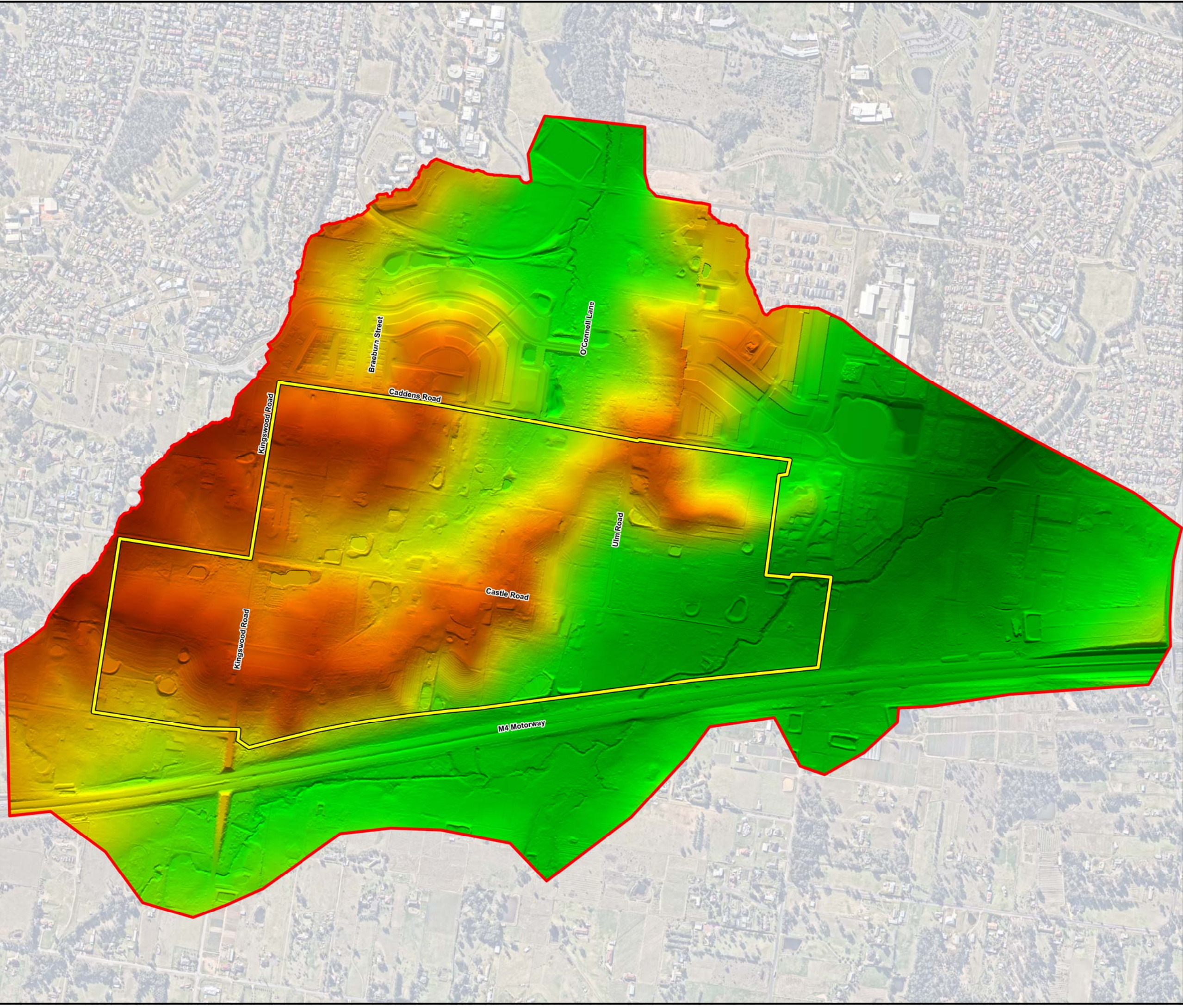
Projection: GDA 1994 MGA Zone 56

Figure 6-01
Orchard Hills
Rezoning Application
Strategy Update

TUFLOW Model Information
Existing Conditions

Date: 20/08/2019

Issue: A



LEGEND

Precinct Boundary

Tuflow Boundary

Ground Level (m AHD)

	30 to 40
	40 to 50
	50 to 60
	60 to 70
	70 to 80
	80 to 100

N

0 400

metres

Scale 1:10,000 @ A3

Projection: GDA 1994 MGA Zone 56

Figure 6-02
Orchard Hills
Rezoning Application
Strategy Update

Existing Terrain

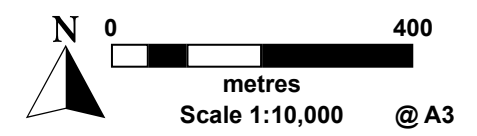
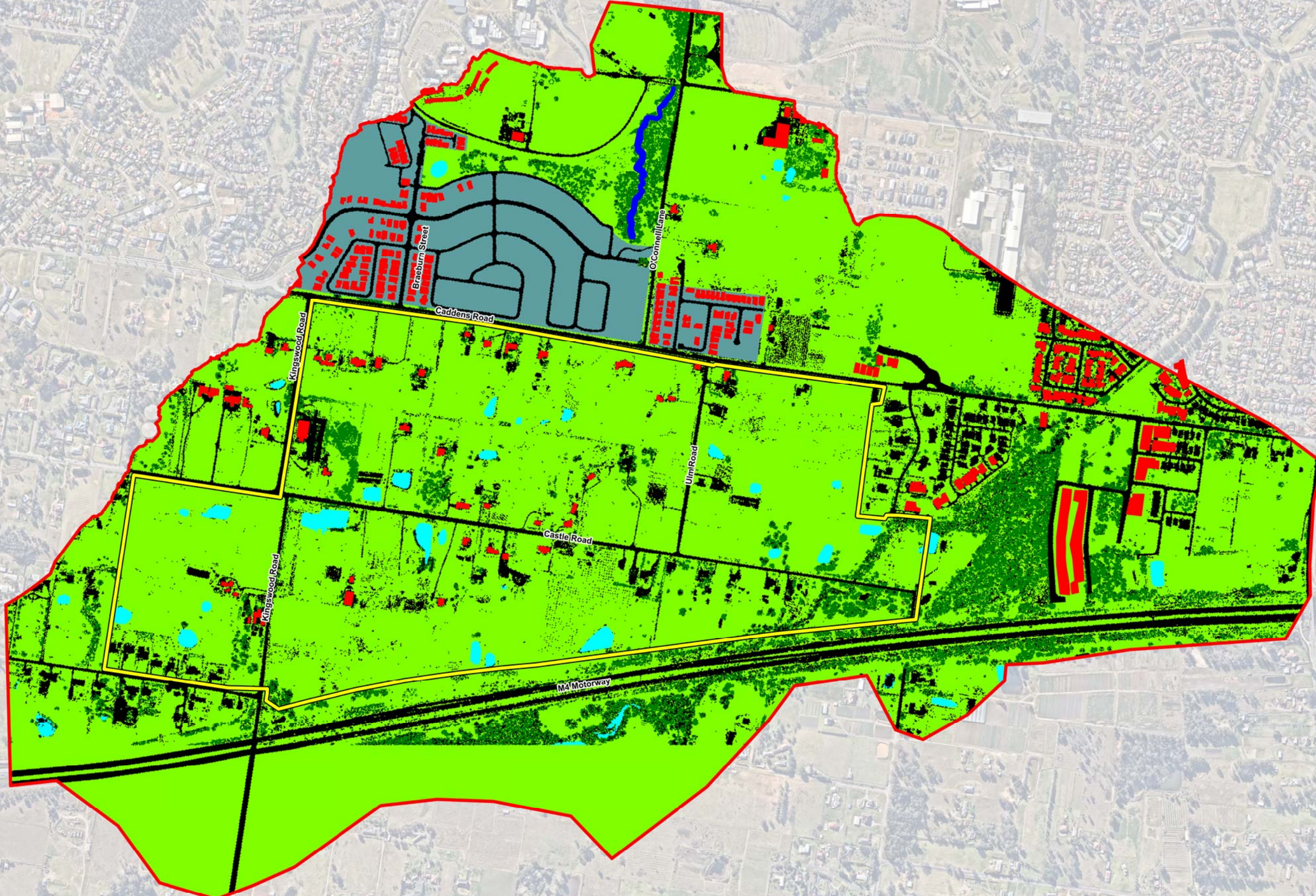
Date: 20/08/2019

Issue: A

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\Report\Fig_v3\Fig 6-03-110265_ Existing Roughness.wor

- LEGEND**
-  Precinct Boundary
 -  Tuflow Boundary

- Roughness**
-  Channel in 1D
 -  Building
 -  Water Body
 -  Vegetation
 -  Grass
 -  Road / Imperious Area
 -  Newly Developed Area



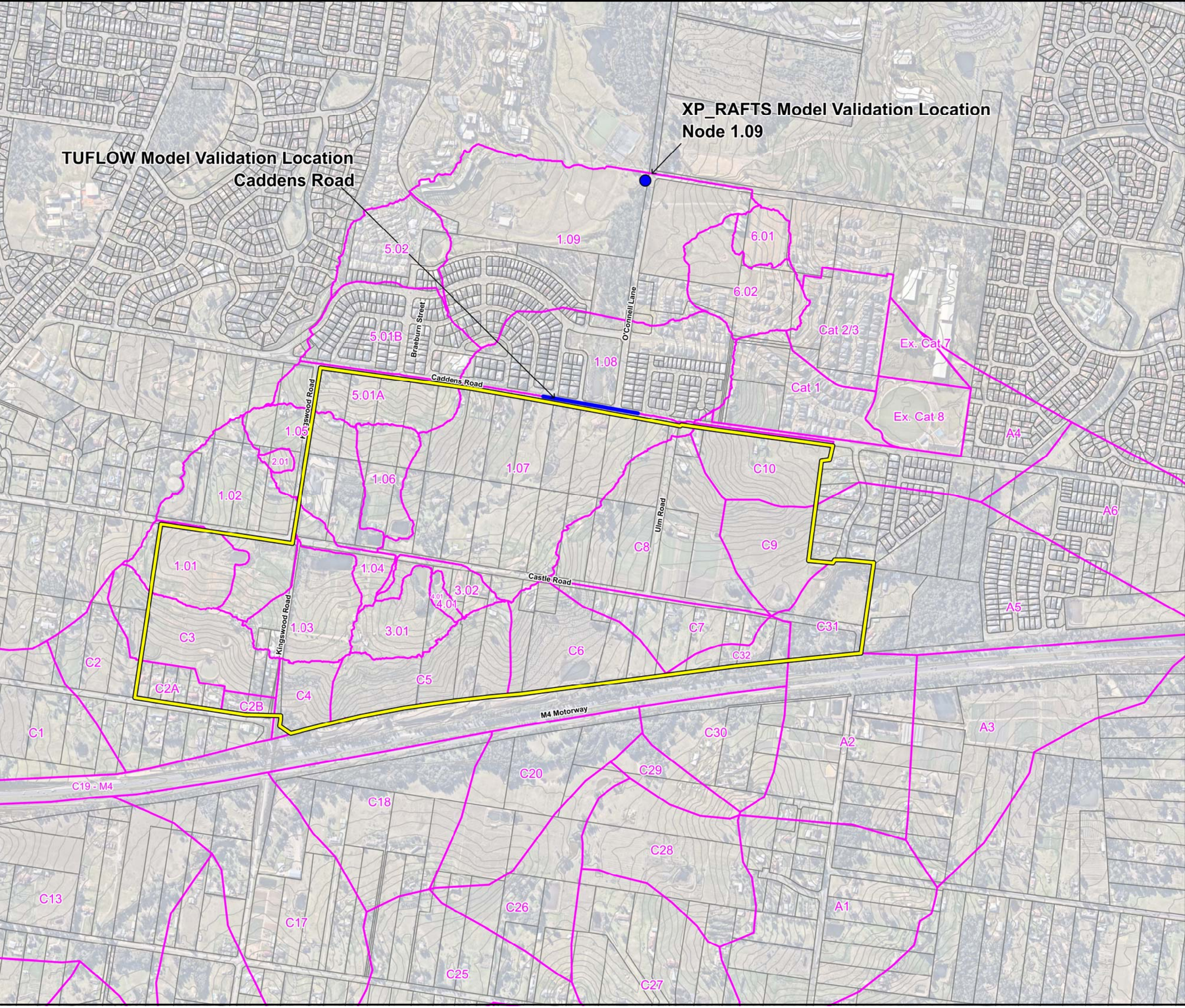
Projection: GDA 1994 MGA Zone 56

Figure 6-03
Orchard Hills
Rezoning Application
Strategy Update

Existing Roughness

Date: 19/08/2019 Issue: A

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\Report\Fig_v3\Fig 6-04-110265 Model Validation RefLoc.wor



LEGEND

 Precinct Boundary

 Existing Catchment

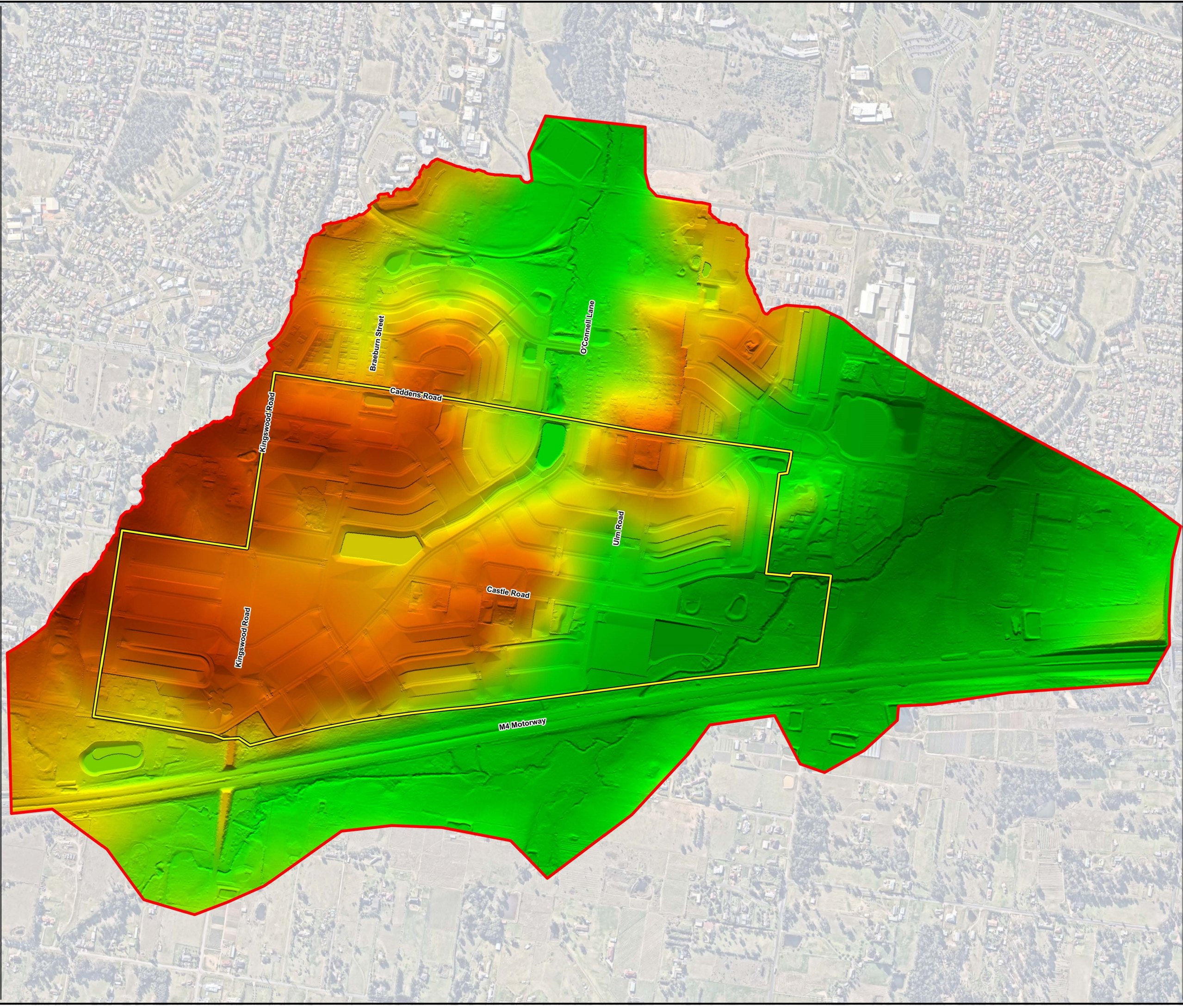
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metres
Scale 1:10,000 @ A3

Projection: GDA 1994 MGA Zone 56

Figure 6-04
Orchard Hills
Rezoning Application
Strategy Update

Model Validation Reference Location

Filename:J:\110265 - Orchard Hills\07 - WCM\Figures\ReportFig_v3\Fig 6-05-110265_Developed Terrain.wor

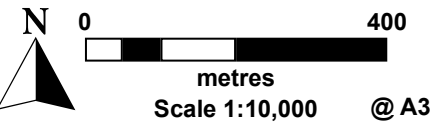


LEGEND

-  Precinct Boundary
-  Tuflow Boundary

Ground Levels (m AHD)

-  30 to 40
-  40 to 50
-  50 to 60
-  60 to 70
-  70 to 80
-  80 to 100



Projection: GDA 1994 MGA Zone 56

Figure 6-05
Orchard Hills
Rezoning Application
Strategy Update

Developed Terrain