WILLIAM STREET
WALKER PLACE
GOOLWA ROAD
FLAGSTAFF HILL ROAD
MILL TERRACE
HAYNES ROAD
THOMAS STREET
ELLENSFORD TERRACE
PADMAN CRESCENT
MCLEOD ROAD
HIGGINS TERRACE
MILL TERRACE
ABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Depth Difference

- Less than -750mm
- -750mm to -300mm
- -300mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to -10mm
- -10mm to -1mm
- No Difference (Not Shown)
- +1mm to +10mm
- +10mm to +25mm
- +25mm to +50mm
- +50mm to +100mm
- +100mm to +300mm
- +300mm to +750mm
- Greater than +750mm

tonkin

0 50 100 m

N

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:23
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 4: Flood Detention
Critical 100-year ARI event
Depth Difference to Existing

WILLIAM STREET
FLAGSTAFF HILL ROAD
GOOLWA ROAD
THOMAS STREET
ELLENSFORD TERRACE
MILL TERRACE
HIGGINS TERRACE
PADMAN CRESCENT
MCLEOD ROAD
HARGREAVES ROAD
HAYNES ROAD
ESPLANADE

Legend

Depth Difference

- Less than -750mm
- -750mm to -300mm
- -300mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to -10mm
- -10mm to -1mm
- No Difference (Not Shown)
- +1mm to +10mm
- +10mm to +25mm
- +25mm to +50mm
- +50mm to +100mm
- +100mm to +300mm
- +300mm to +750mm
- Greater than +750mm

tonkin

0 50 100 m

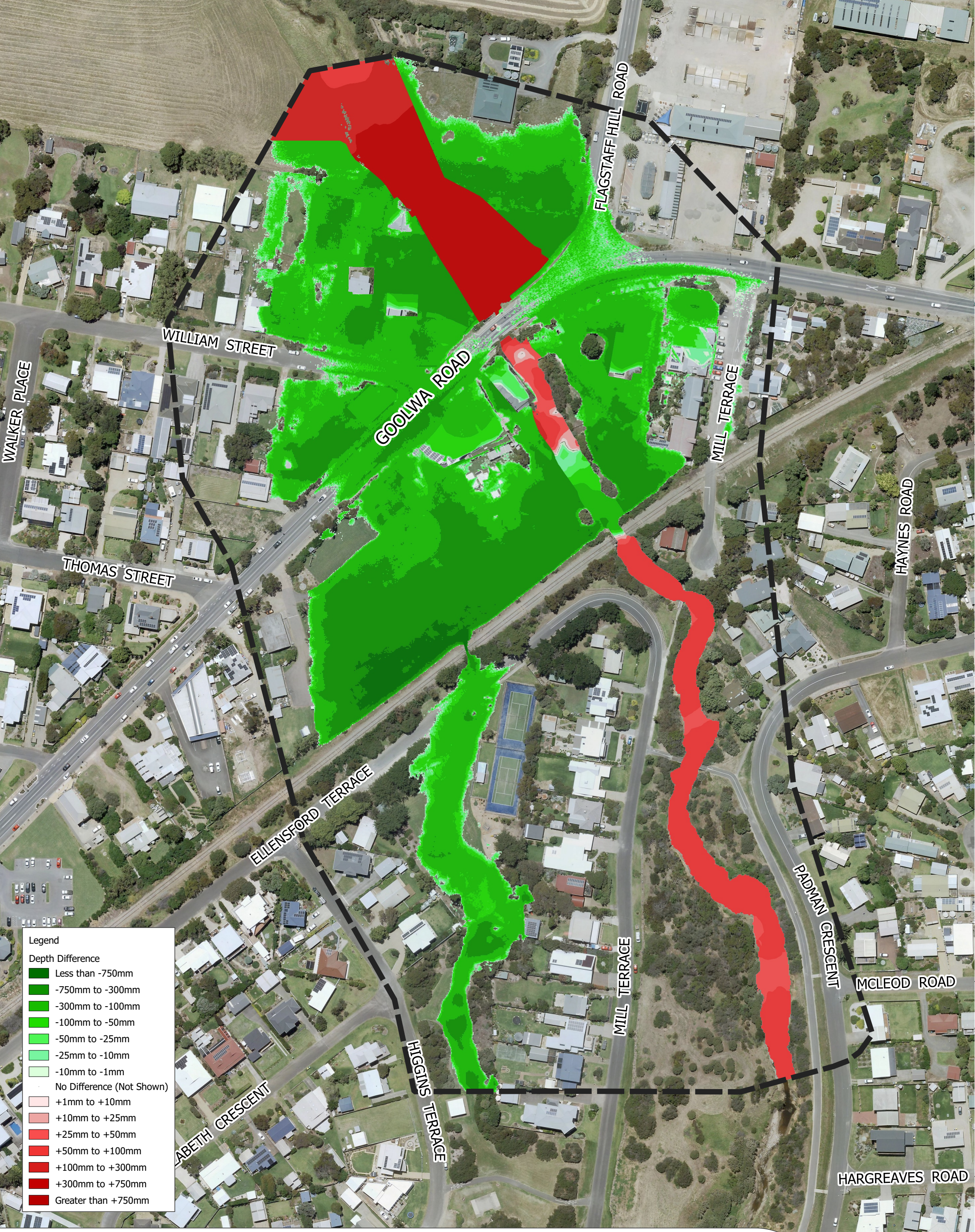
Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:23
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

Alexandrina Council

Middleton Flood Study
Scenario 5: Goolwa Road Culvert Upgrade
Critical 100-year ARI event
Depth Difference to Existing



tonkin

0 50 100 m

N

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:23
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 6: Creek Clearing and Levees
Critical 100-year ARI event
Depth Difference to Existing

FLAGSTAFF HILL ROAD
WILLIAM STREET
WALKER PLACE
GOOLWA ROAD
MILL TERRACE
HAYNES ROAD
THOMAS STREET
ELLENSFORD TERRACE
PADMAN CRESCENT
MCLEOD ROAD
HIGGINS TERRACE
MILL TERRACE
ABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Depth Difference

- Less than -750mm
- -750mm to -300mm
- -300mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to -10mm
- -10mm to -1mm
- No Difference (Not Shown)
- +1mm to +10mm
- +10mm to +25mm
- +25mm to +50mm
- +50mm to +100mm
- +100mm to +300mm
- +300mm to +750mm
- Greater than +750mm

tonkin

0 50 100 m

Job Number: 230477
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Revision: Rev A
Date: 2024-01-23 12:24
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

Alexandrina Council

Middleton Flood Study
Scenario 7: Channel Widening and Levees
Critical 100-year ARI event
Depth Difference to Existing

WILLIAM STREET
WALKER PLACE
GOOLWA ROAD
FLAGSTAFF HILL ROAD
MILL TERRACE
THOMAS STREET
ELLENSFORD TERRACE
HIGGINS TERRACE
MILL TERRACE
PADMAN CRESCENT
MCLEOD ROAD
HARGREAVES ROAD
ESPLANADE
HAYNES ROAD

Legend

Depth Difference

- Less than -750mm
- -750mm to -300mm
- -300mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to -10mm
- -10mm to -1mm
- No Difference (Not Shown)
- +1mm to +10mm
- +10mm to +25mm
- +25mm to +50mm
- +50mm to +100mm
- +100mm to +300mm
- +300mm to +750mm
- Greater than +750mm

tonkin

0 50 100 m

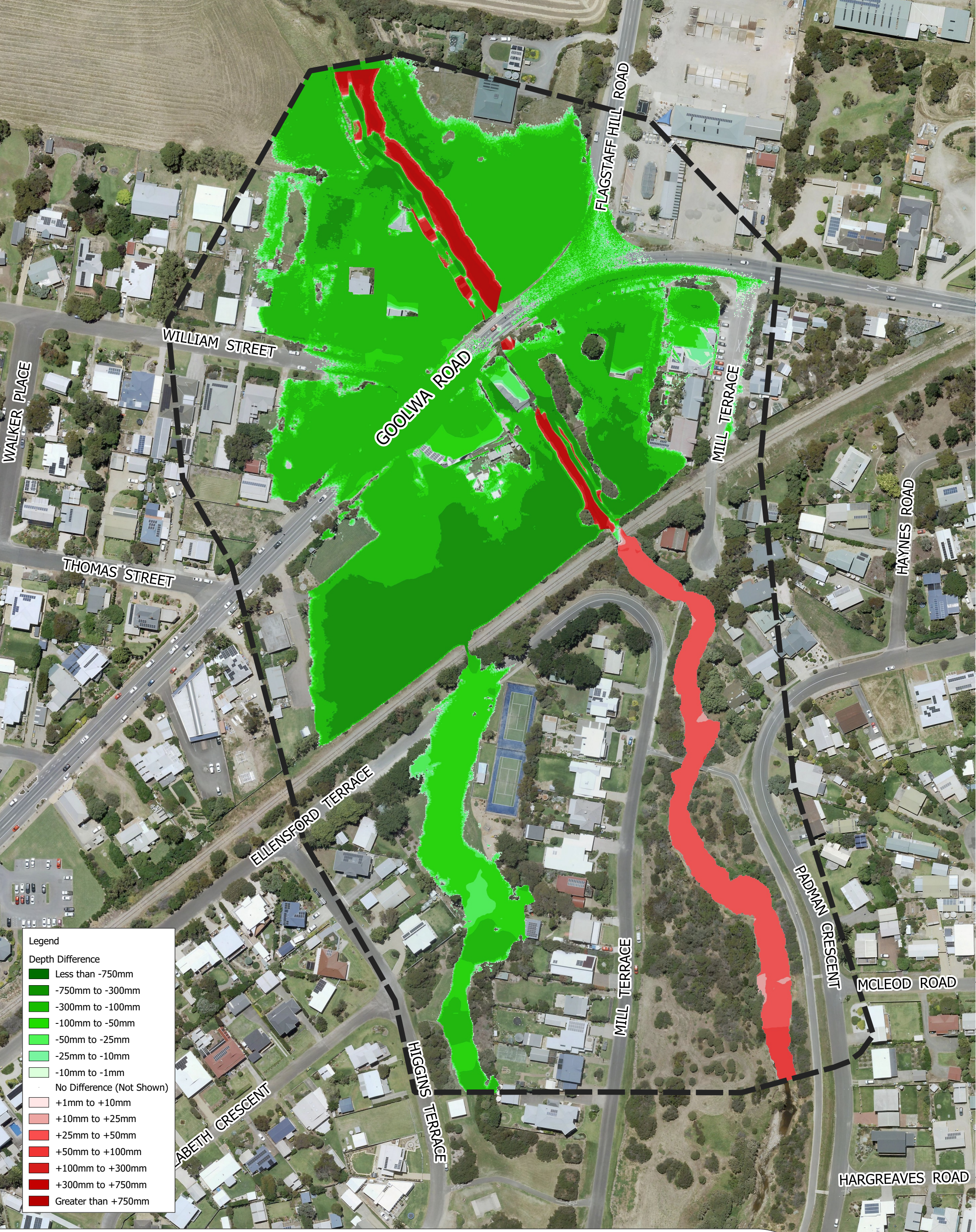
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Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:24
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 8: Creek Clearing and Culvert Upgrade
Critical 100-year ARI event
Depth Difference to Existing



tonkin

0 50 100 m

N

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
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Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 9: Channel Widening and Culvert Upgrade
Critical 100-year ARI event
Depth Difference to Existing

WILLIAM STREET
WALKER PLACE
GOOLWA ROAD
FLAGSTAFF HILL ROAD
MILL TERRACE
HAYNES ROAD
THOMAS STREET
ELLENSFORD TERRACE
PADMAN CRESCENT
MCLEOD ROAD
HIGGINS TERRACE
MILL TERRACE
ABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Depth Difference

- Less than -750mm
- -750mm to -300mm
- -300mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to -10mm
- -10mm to -1mm
- No Difference (Not Shown)
- +1mm to +10mm
- +10mm to +25mm
- +25mm to +50mm
- +50mm to +100mm
- +100mm to +300mm
- +300mm to +750mm
- Greater than +750mm

tonkin

0 50 100 m

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:25
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

Alexandrina Council

Middleton Flood Study
Scenario 10: Creek Clearing, Levees and Culvert Upgrade
Critical 100-year ARI event
Depth Difference to Existing

WILLIAM STREET
WALKER PLACE
GOOLWA ROAD
FLAGSTAFF HILL ROAD
MILL TERRACE
THOMAS STREET
ELLENSFORD TERRACE
HIGGINS TERRACE
MILL TERRACE
PADMAN CRESCENT
HAYNES ROAD
MCLEOD ROAD
ELIZABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Hazard Category

- No hazard
- H1
- H2
- H3
- H4
- H5
- H6

tonkin

0 50 100 m

Alexandrina Council

Middleton Flood Study
Scenario 1: Creek Clearing
Critical 100-year ARI event
Flood Hazard Category

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:25
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

WILLIAM STREET
GOOLWA ROAD
FLAGSTAFF HILL ROAD
WALKER PLACE
MILL TERRACE
THOMAS STREET
ELLENSFORD TERRACE
HAYNES ROAD
PADMAN CRESCENT
MCLEOD ROAD
HIGGINS TERRACE
MILL TERRACE
ELIZABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Hazard Category

- No hazard
- H1
- H2
- H3
- H4
- H5
- H6

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0 50 100 m

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:25
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

Alexandrina Council

Middleton Flood Study
Scenario 2: Channel Widening
Critical 100-year ARI event
Flood Hazard Category



tonkin

0 50 100 m

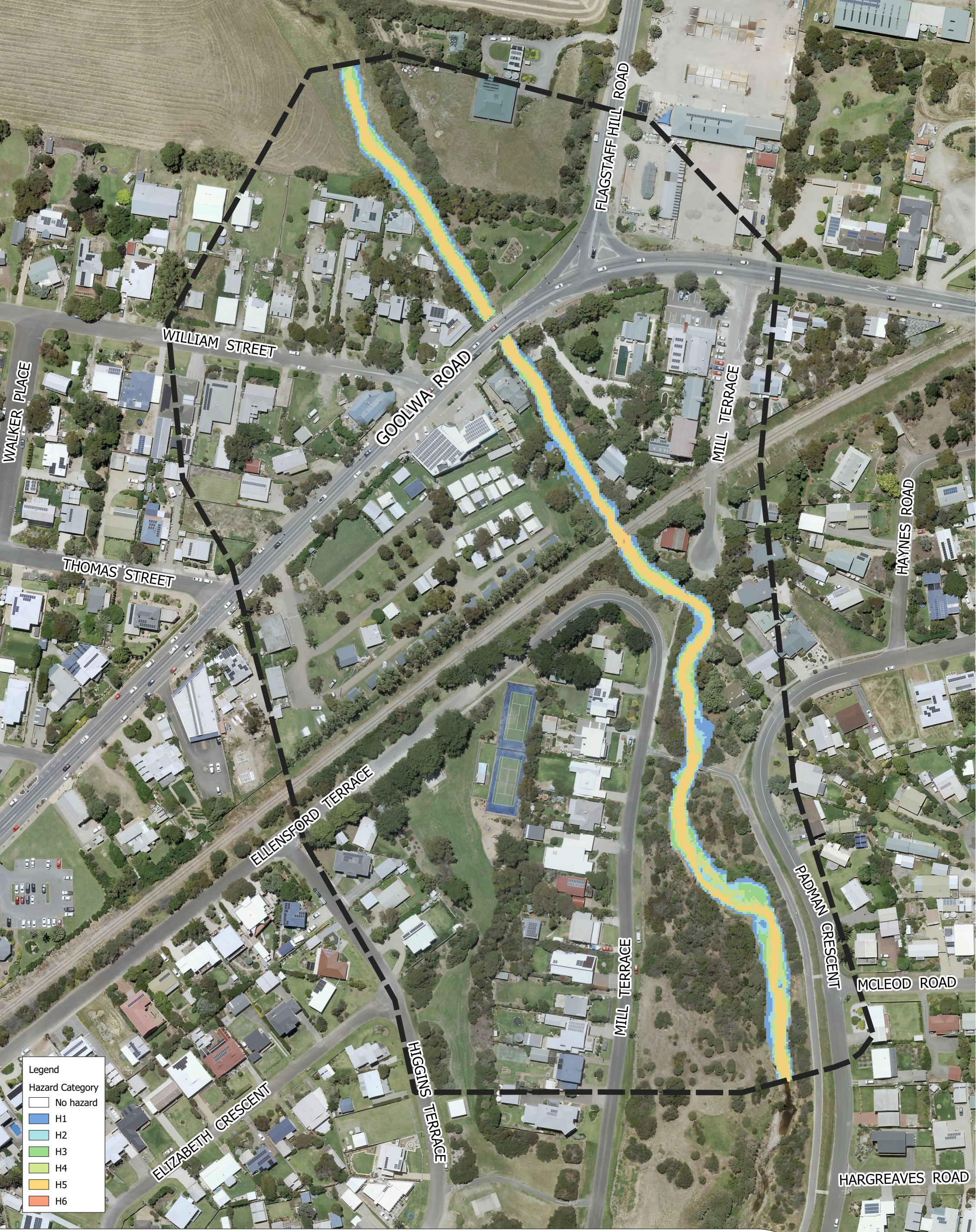
Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:25
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

N

Alexandrina Council

Middleton Flood Study
Scenario 3: Flood Levees
Critical 100-year ARI event
Flood Hazard Category



tonkin

0 50 100 m

N

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
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Date: 2024-01-23 12:26
Drawn: James Woolley

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Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 4: Flood Detention
Critical 100-year ARI event
Flood Hazard Category

WILLIAM STREET
GOOLWA ROAD
FLAGSTAFF HILL ROAD
WALKER PLACE
MILL TERRACE
THOMAS STREET
ELLENSFORD TERRACE
HAYNES ROAD
PADMAN CRESCENT
MCLEOD ROAD
HIGGINS TERRACE
MILL TERRACE
ELIZABETH CRESCENT
HARGREAVES ROAD
ESPLANADE

Legend

Hazard Category

- No hazard
- H1
- H2
- H3
- H4
- H5
- H6

0 50 100 m

N

tonkin

Job Number: 230477
Filename: 230477 Middleton HEC-RAS
Revision: Rev A
Date: 2024-01-23 12:26
Drawn: James Woolley

Data Acknowledgement:
Satellite Imagery from MetroMap (Aerometrex), 2022

Alexandrina Council

Middleton Flood Study
Scenario 5: Goolwa Road Culvert Upgrade
Critical 100-year ARI event
Flood Hazard Category