

Appendix D: Post-Development (Mitigation Option 2) Flood Maps

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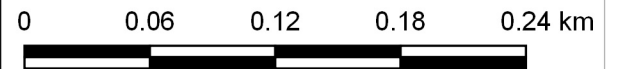
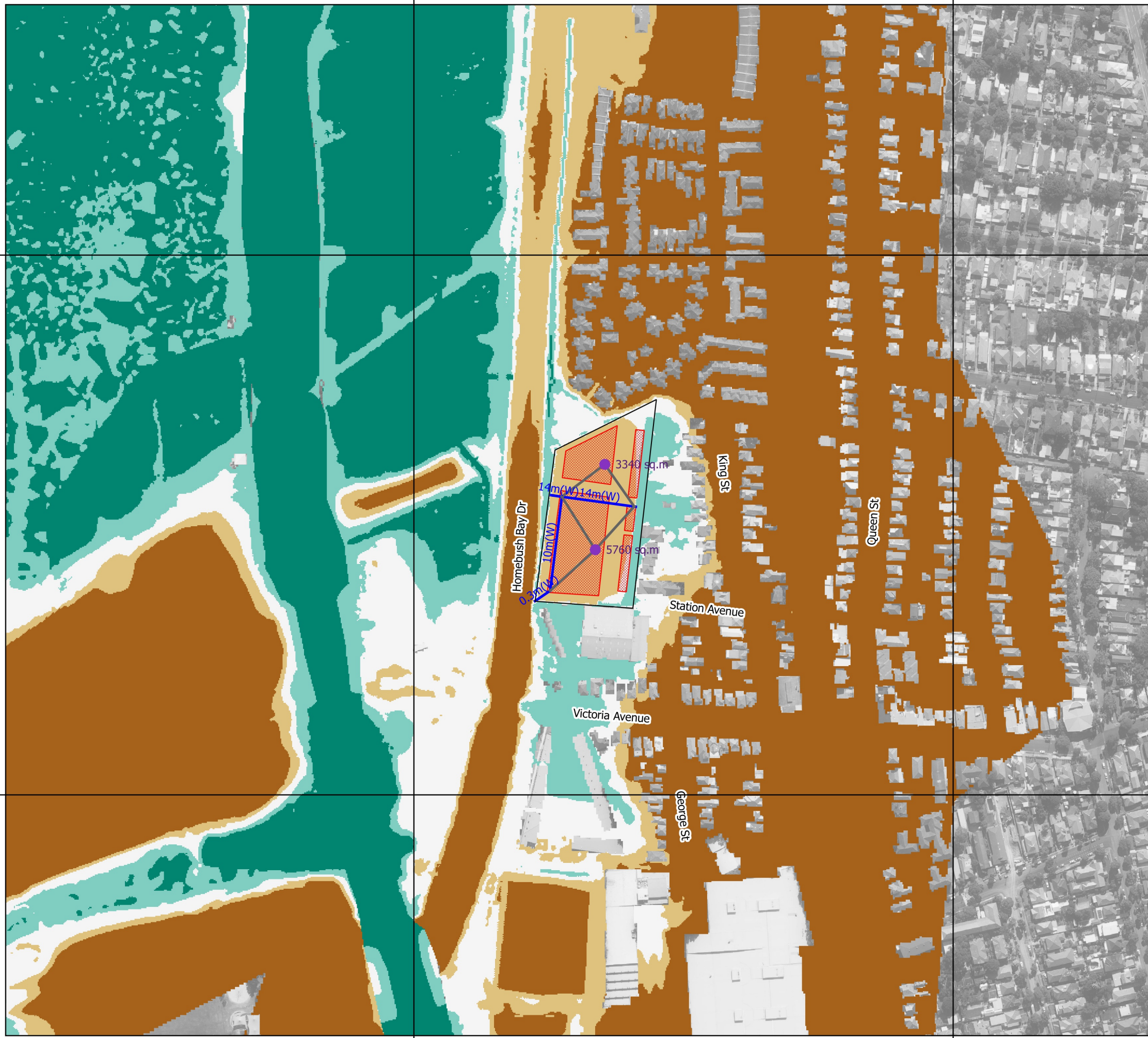
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- Site Boundary
- Proposed Buildings
- Proposed Flood Storage
- Proposed Culvert (beneath podium)
- Connection between culvert and flood storage

Ground Elevation (m AHD)

- <= 1
- 1 - 2
- 2 - 3
- 3 - 4
- > 4



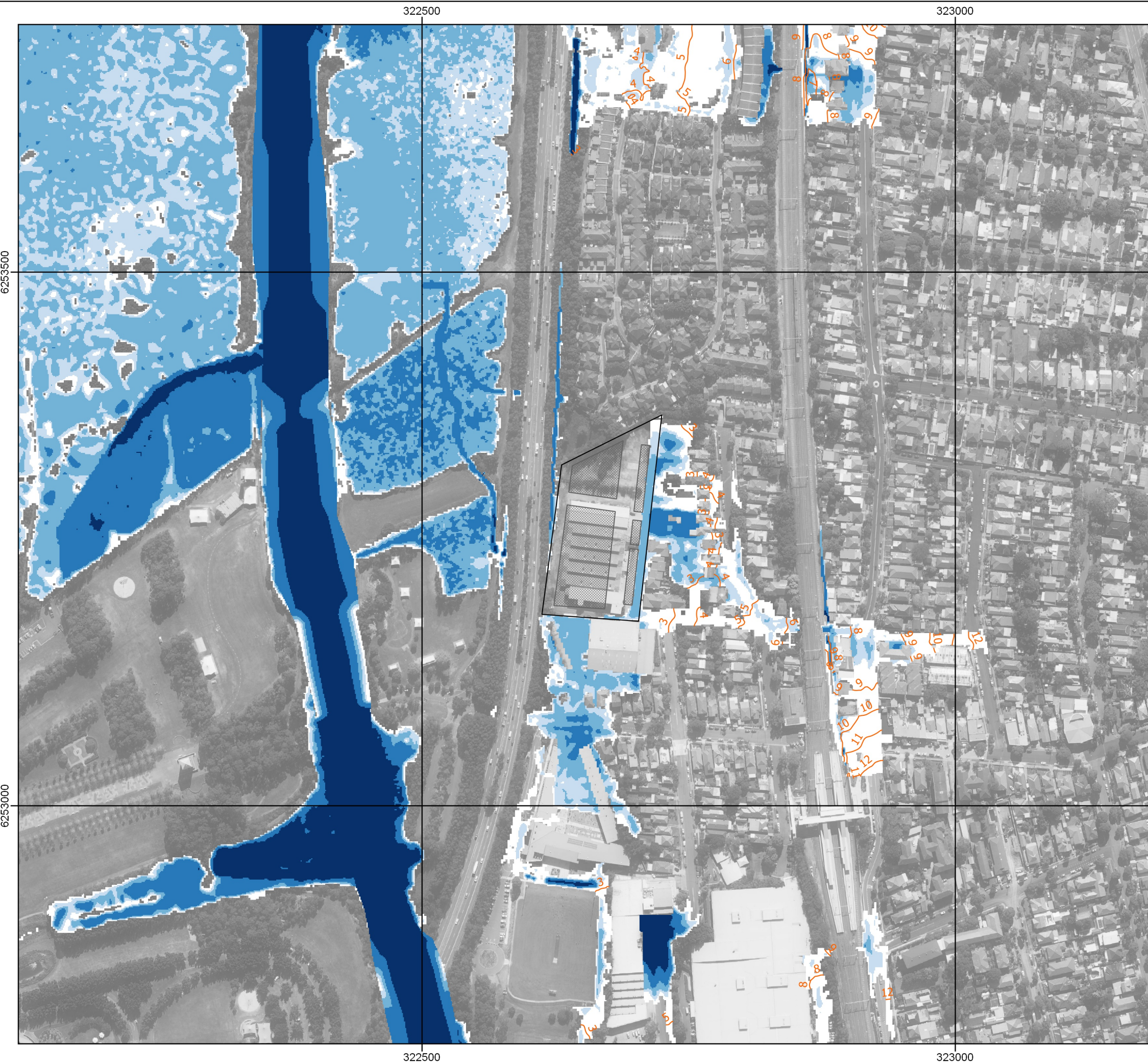
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 Vertical Datum: m AHD



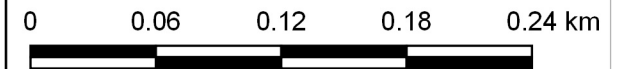
**DEVELOPMENT OF LOT 1 DP 219742
 FLOOD IMPACT ASSESSMENT
 REPORT**

Job ID: 18006

**FIGURE D1
 MODEL SCHEMATISATION
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**



- Site Boundary
- Proposed Buildings
- Peak Flood Level Contours (m AHD)
- Peak Flood Depth (m)
- <= 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- > 1.00



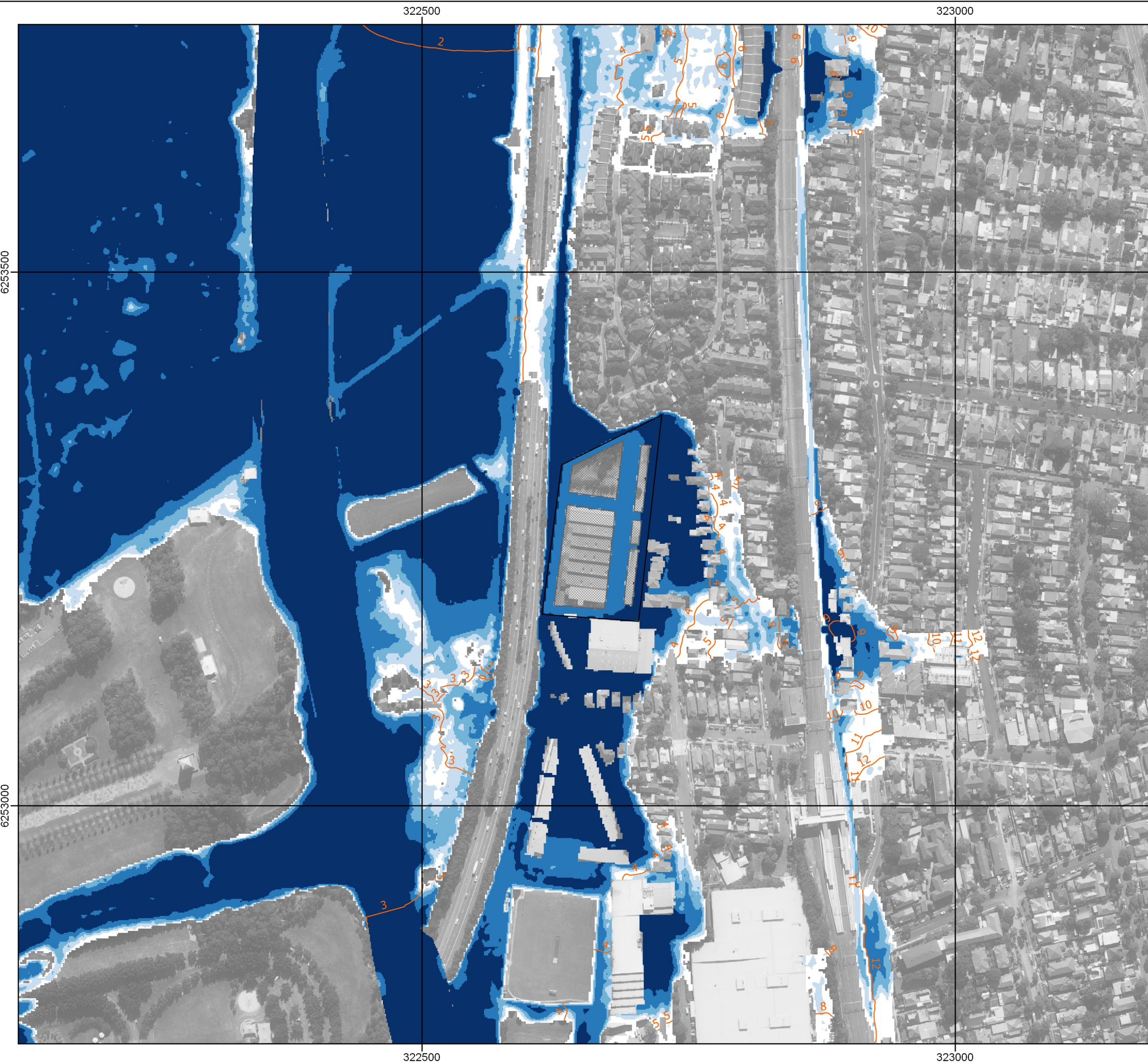
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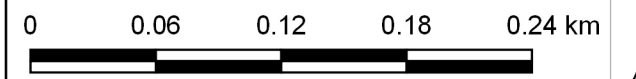
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 FLOOD IMPACT ASSESSMENT
 REPORT**

Job ID: 18006

**FIGURE D2
 1% AEP PEAK FLOOD DEPTH
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**



- Site Boundary
- Proposed Buildings
- Peak Flood Level Contours (m AHD)
- Peak Flood Depth (m)
- ≤ 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- > 1.00



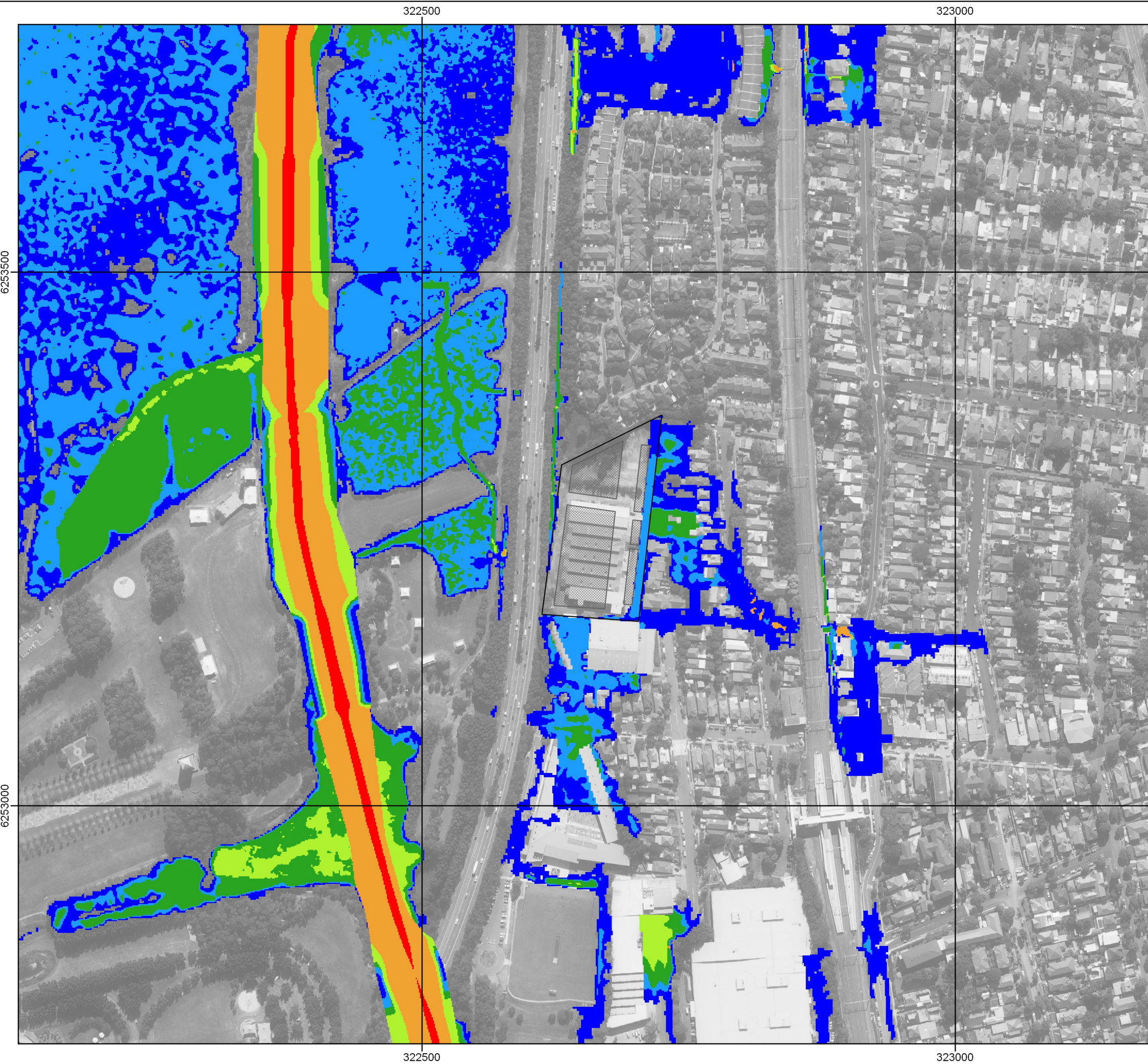
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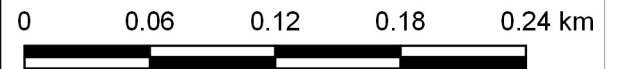
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 REPORT**

Job ID: 18006

**FIGURE D3
 PMF PEAK FLOOD DEPTH
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**



- Site Boundary
- Proposed Buildings
- Flood Velocity Vectors
- Flood Hazard Categories**
- H1
- H2
- H3
- H4
- H5
- H6



Horizontal Datum: GDA 1994 / MGA Zone 56
 Vertical Datum: mAHD



**DEVELOPMENT OF LOT 1 DP 219742
 FLOOD IMPACT ASSESSMENT
 REPORT**

Job ID: 18006

**FIGURE D5
 1% AEP FLOOD HAZARD
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**

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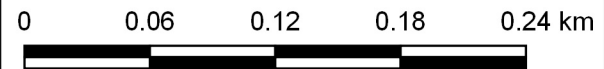
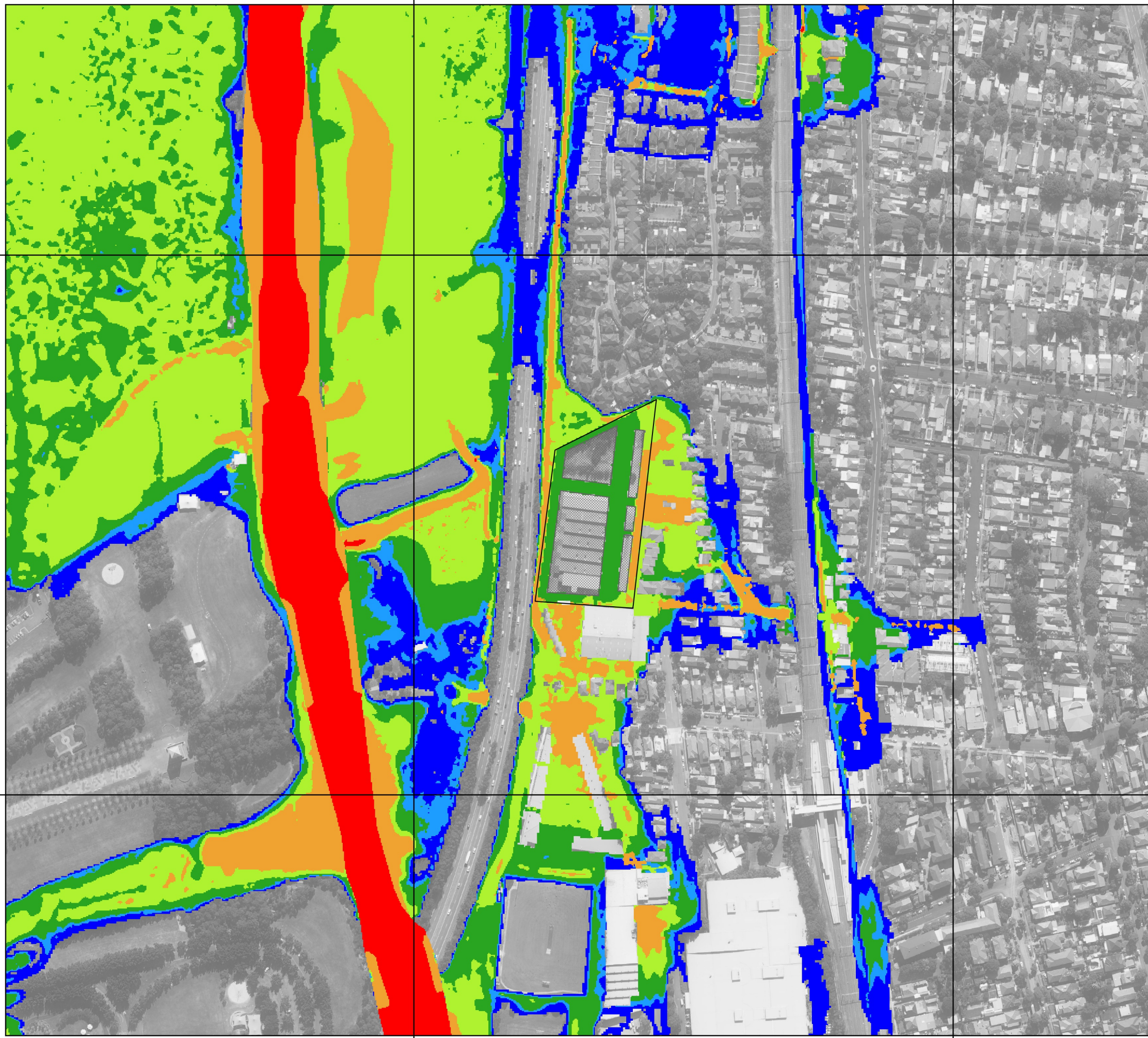
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- Site Boundary
- Proposed Buildings
- Flood Hazard Categories
 - H1
 - H2
 - H3
 - H4
 - H5
 - H6

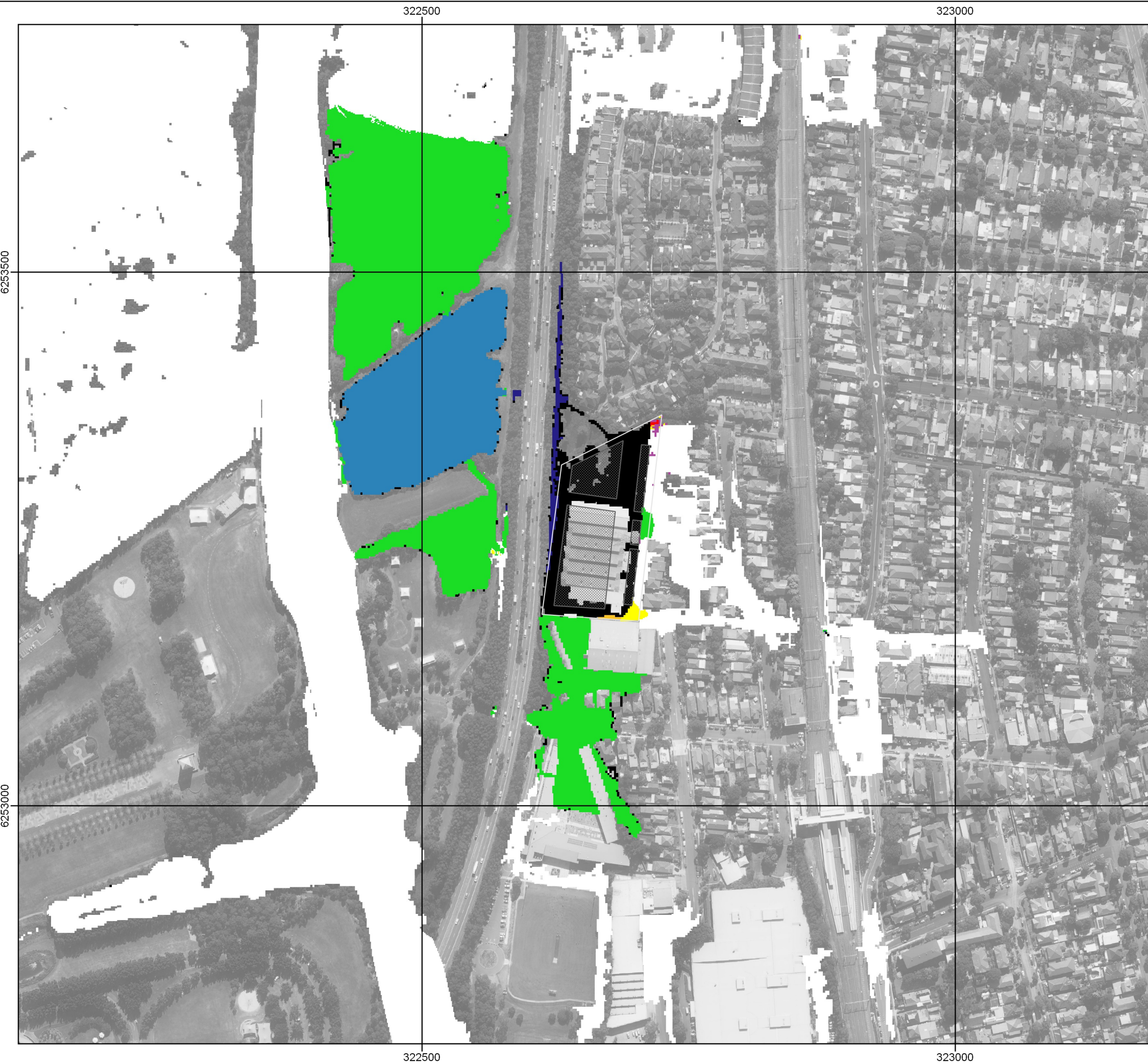


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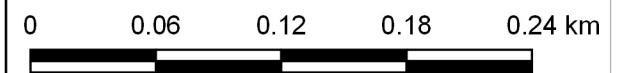
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 FLOOD IMPACT ASSESSMENT
 REPORT**

Job ID: 18006

**FIGURE D5
 PMF FLOOD HAZARD
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**



- Site Boundary
- Proposed Buildings
- Peak Flood Level Impact (m)
- <= -0.10
- 0.10 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.30
- > 0.30
- No Longer Flooded
- Newly Flooded



Horizontal Datum: GDA 1994 / MGA Zone 56
Vertical Datum: mAHD



**DEVELOPMENT OF LOT 1 DP 219742
FLOOD IMPACT ASSESSMENT
REPORT**

Job ID: 18006

**FIGURE D6
1% AEP PEAK FLOOD LEVEL IMPACT
POST-DEVELOPMENT WITH
MITIGATION OPTION 2**

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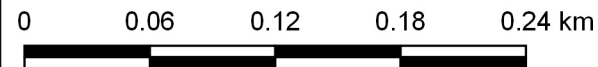
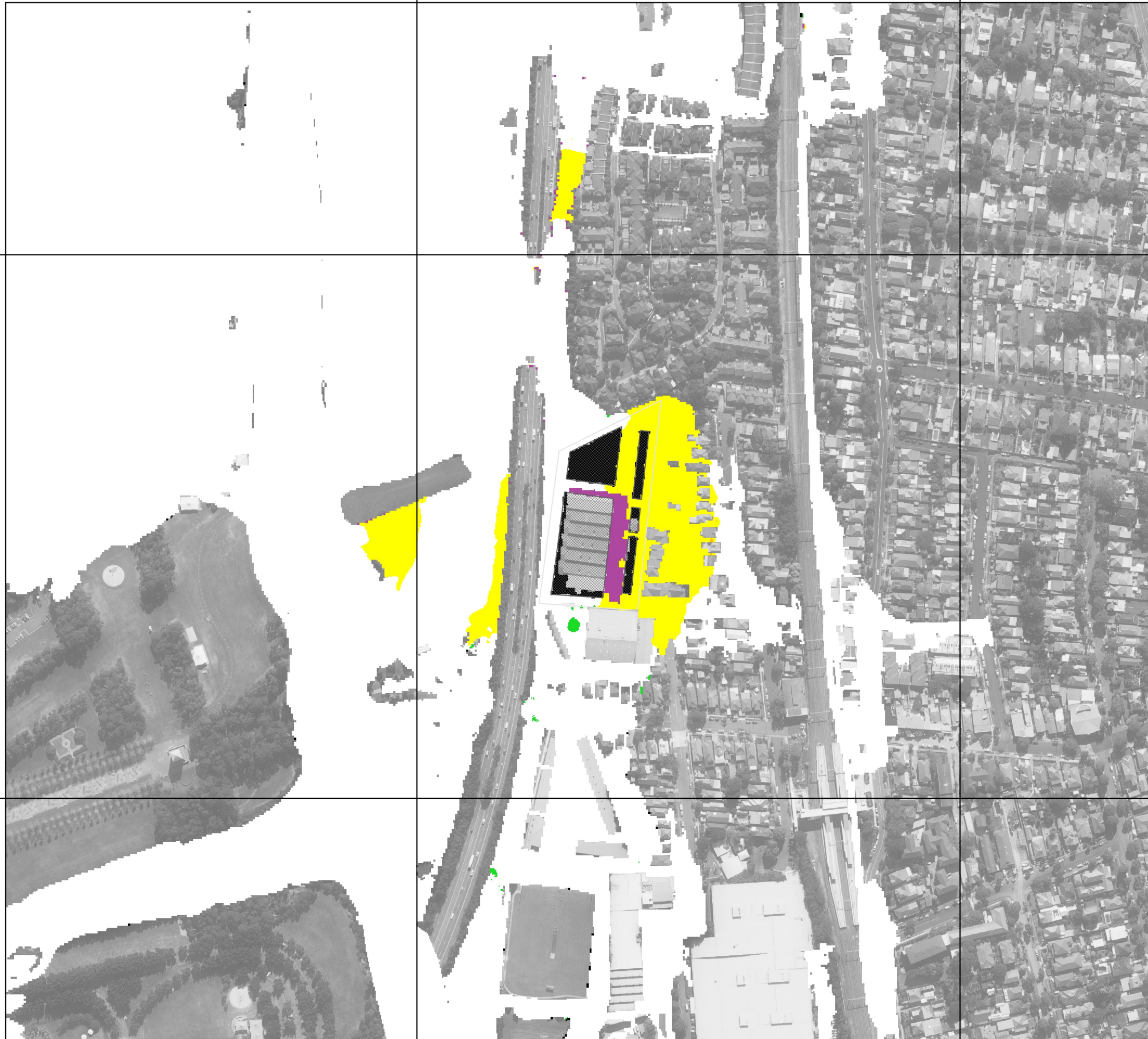
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- Site Boundary
- Proposed Buildings
- Peak Flood Level Impact (m)
- <= -0.10
- 0.10 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.30
- > 0.30
- No Longer Flooded
- Newly Flooded



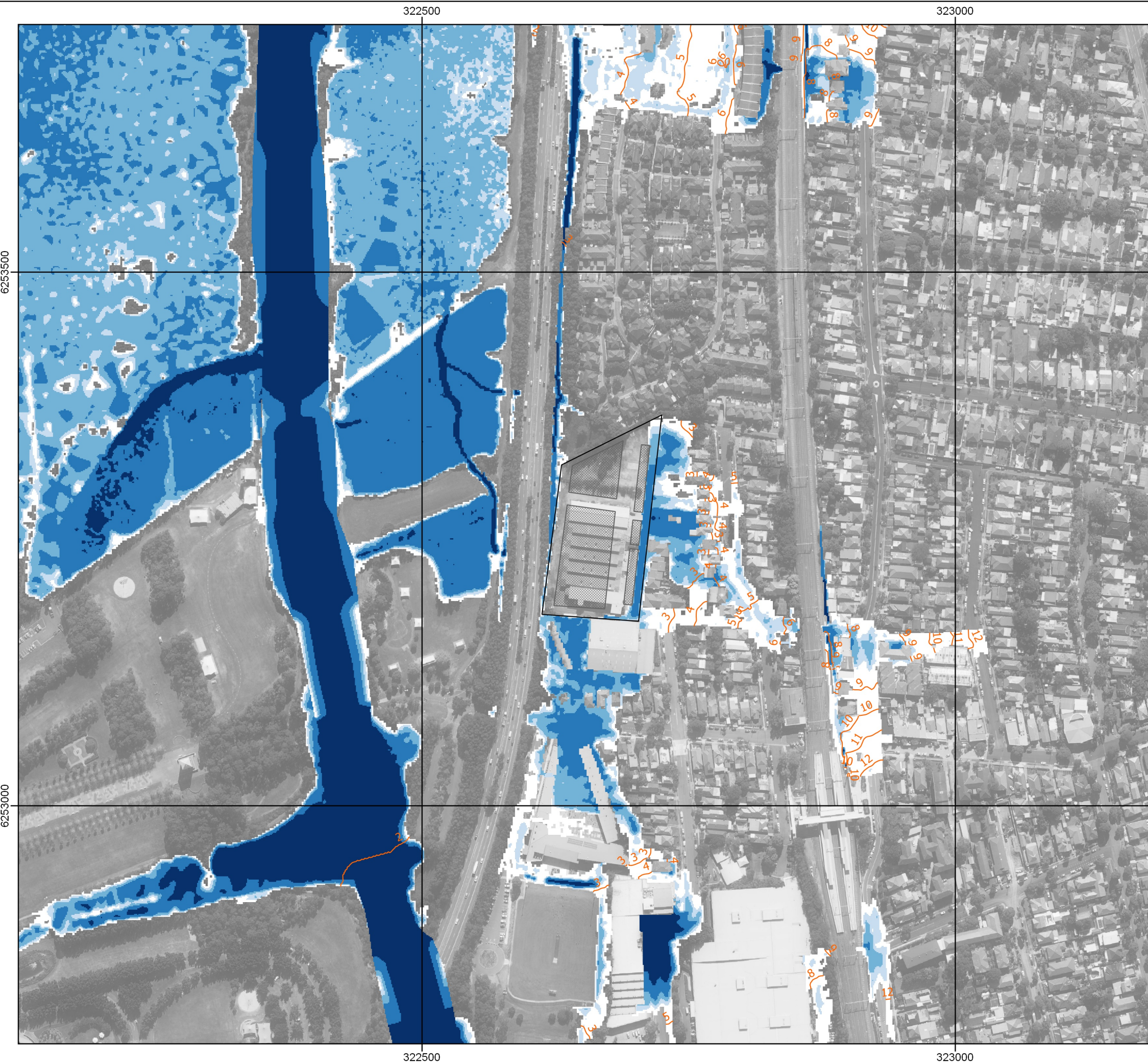
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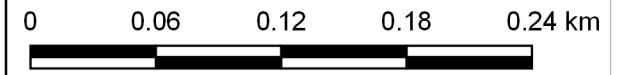
DEVELOPMENT OF LOT 1 DP 219742 FLOOD IMPACT ASSESSMENT REPORT

Job ID: 18006

FIGURE D7
PMF PEAK FLOOD LEVEL IMPACT
POST-DEVELOPMENT WITH
MITIGATION OPTION 2



- Site Boundary
- Proposed Buildings
- Peak Flood Level Contours (m AHD)
- Peak Flood Depth (m)
 - <= 0.15
 - 0.15 to 0.30
 - 0.30 to 0.50
 - 0.50 to 1.00
 - > 1.00



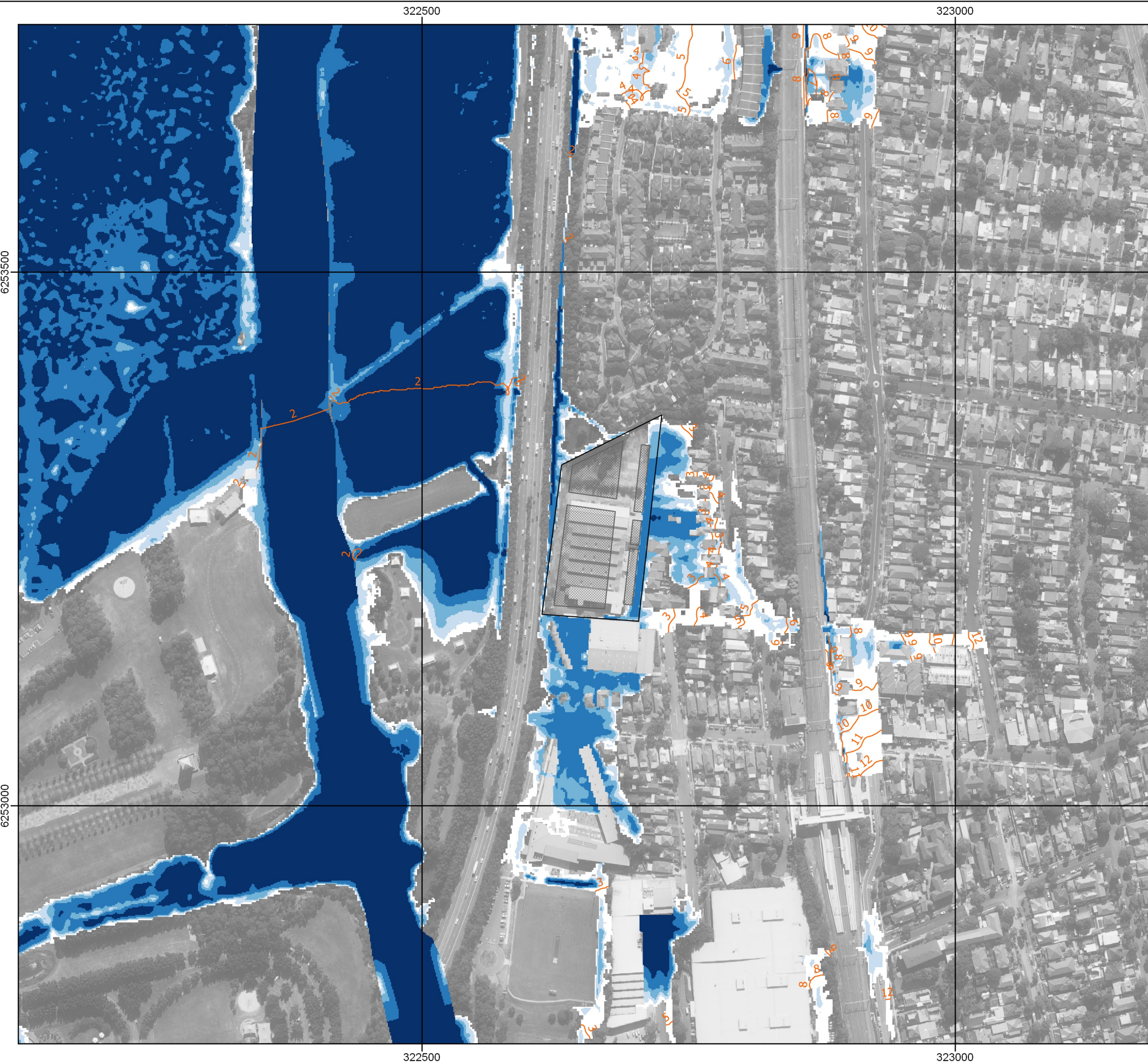
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Vertical Datum: m AHD



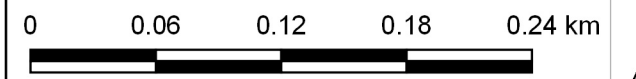
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FLOOD IMPACT ASSESSMENT
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Job ID: 18006

FIGURE D8
1% AEP WITH 30% RAINFALL
INCREASE PEAK FLOOD DEPTH
POST-DEVELOPMENT OPTION 2



- Site Boundary
- Proposed Buildings
- Peak Flood Level Contours (m AHD)
- Peak Flood Depth (m)
 - <= 0.15
 - 0.15 to 0.30
 - 0.30 to 0.50
 - 0.50 to 1.00
 - > 1.00



Horizontal Datum: GDA 1994 / MGA Zone 56
Vertical Datum: mAHD



**DEVELOPMENT OF LOT 1 DP 219742
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REPORT**

Job ID: 18006

FIGURE D9
1% AEP WITH 2100 SEA LEVEL RISE
PEAK FLOOD DEPTH
POST-DEVELOPMENT OPTION 2

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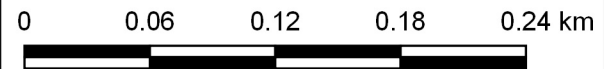
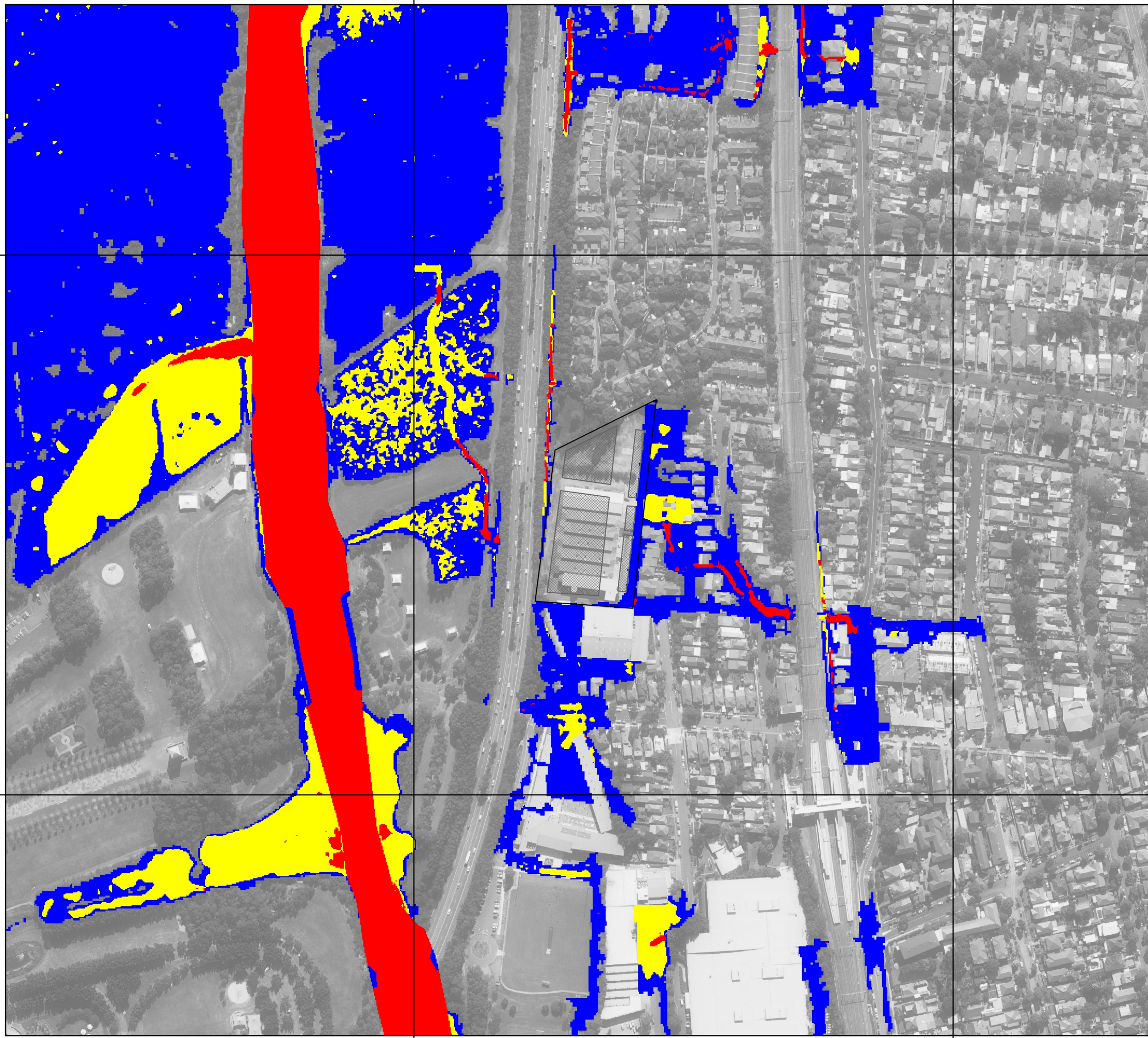
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- Site Boundary
- Proposed Buildings
- Hydraulic Categories**
- Flood Fringe
- Flood Storage
- Floodway



Horizontal Datum: GDA 1994 / MGA Zone 56
 Vertical Datum: mAHD

**DEVELOPMENT OF LOT 1 DP 219742
 FLOOD IMPACT ASSESSMENT
 REPORT**

Job ID: 18006

**FIGURE D10
 1% AEP HYDRAULIC CATEGORIES
 POST-DEVELOPMENT WITH
 MITIGATION OPTION 2**