

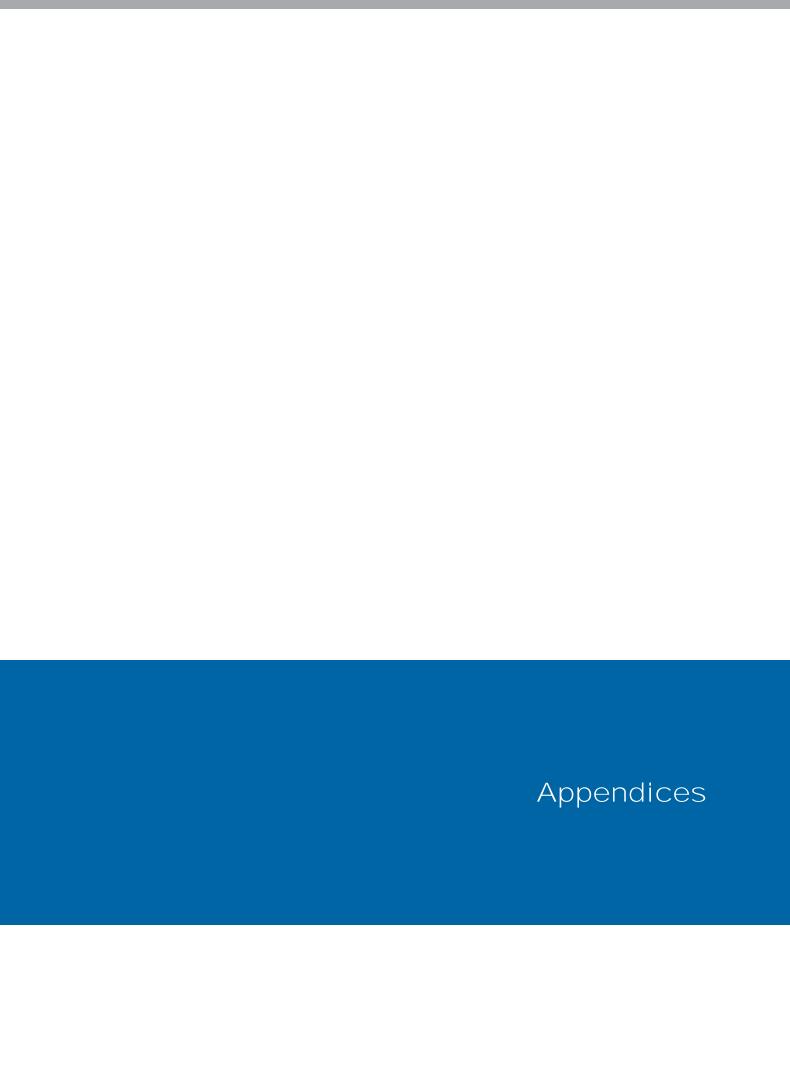
Appendices

Appendix E – Flood maps – Sensitivity tests on tide level conditions

Appendix F – Flood maps – Sensitivity tests on model parameters

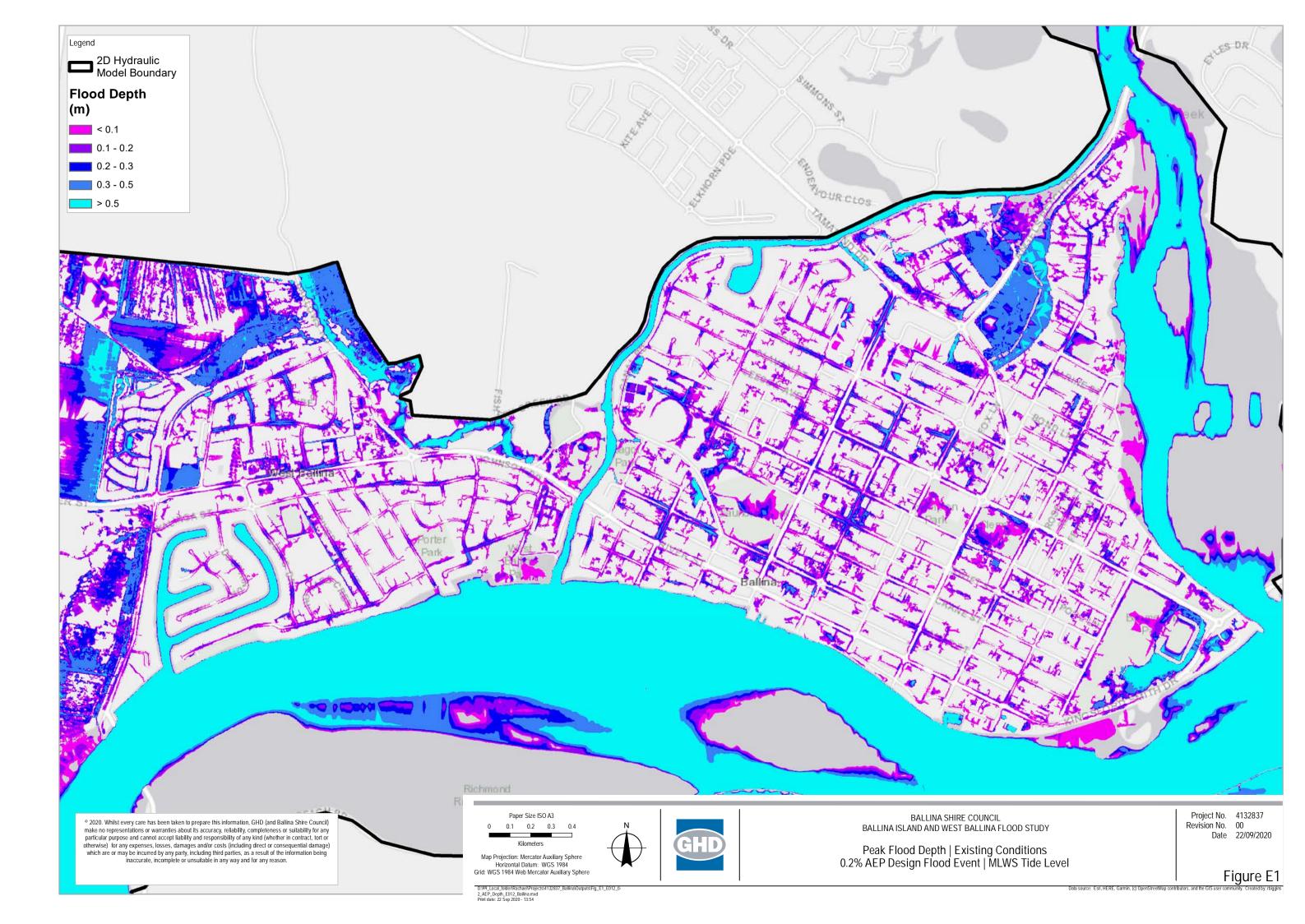
Appendix G – Flood maps – Coincidental occurrence of 1% local rainfall event and 1% AEP storm tide

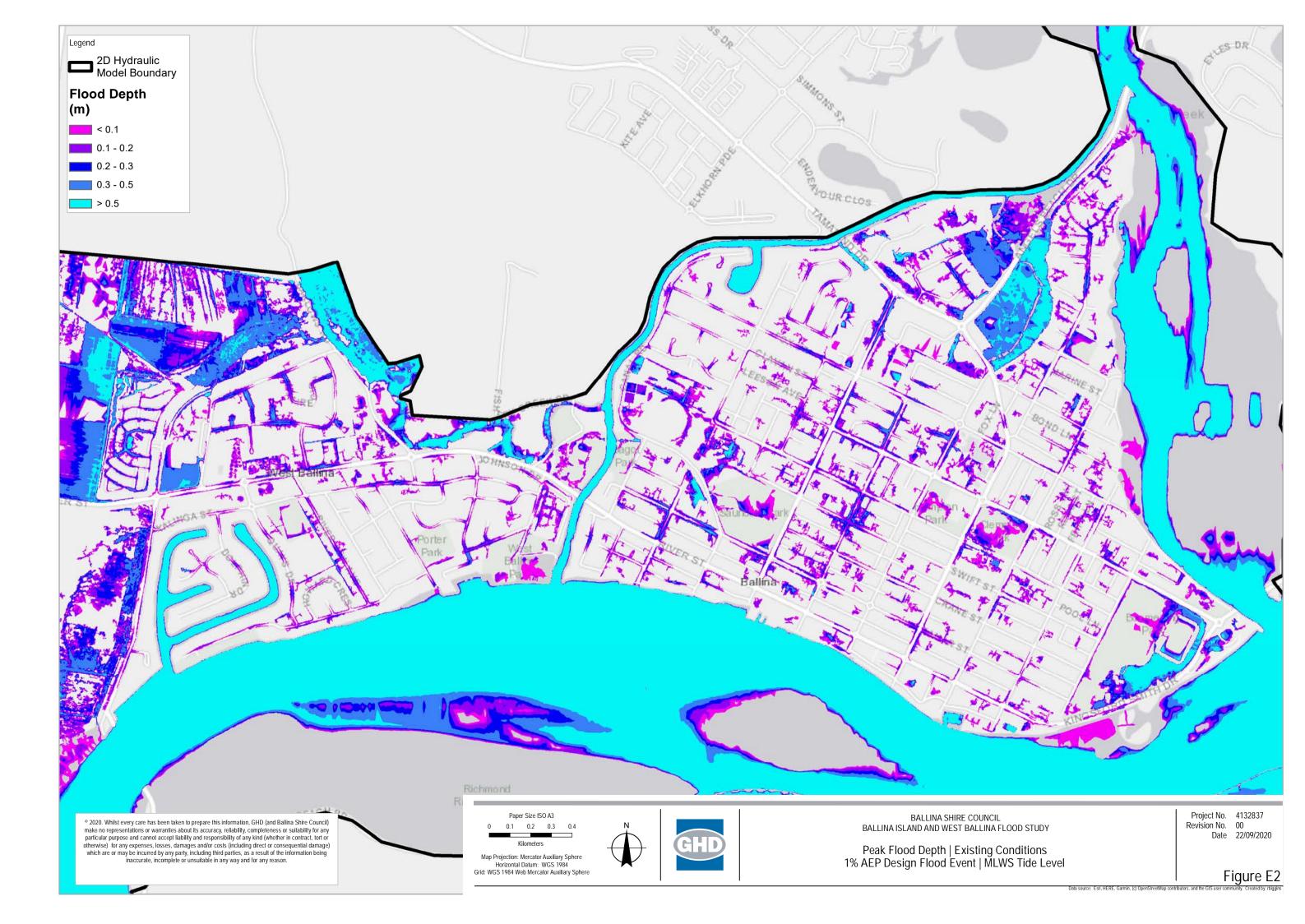
Appendix H - Flooding hotspots

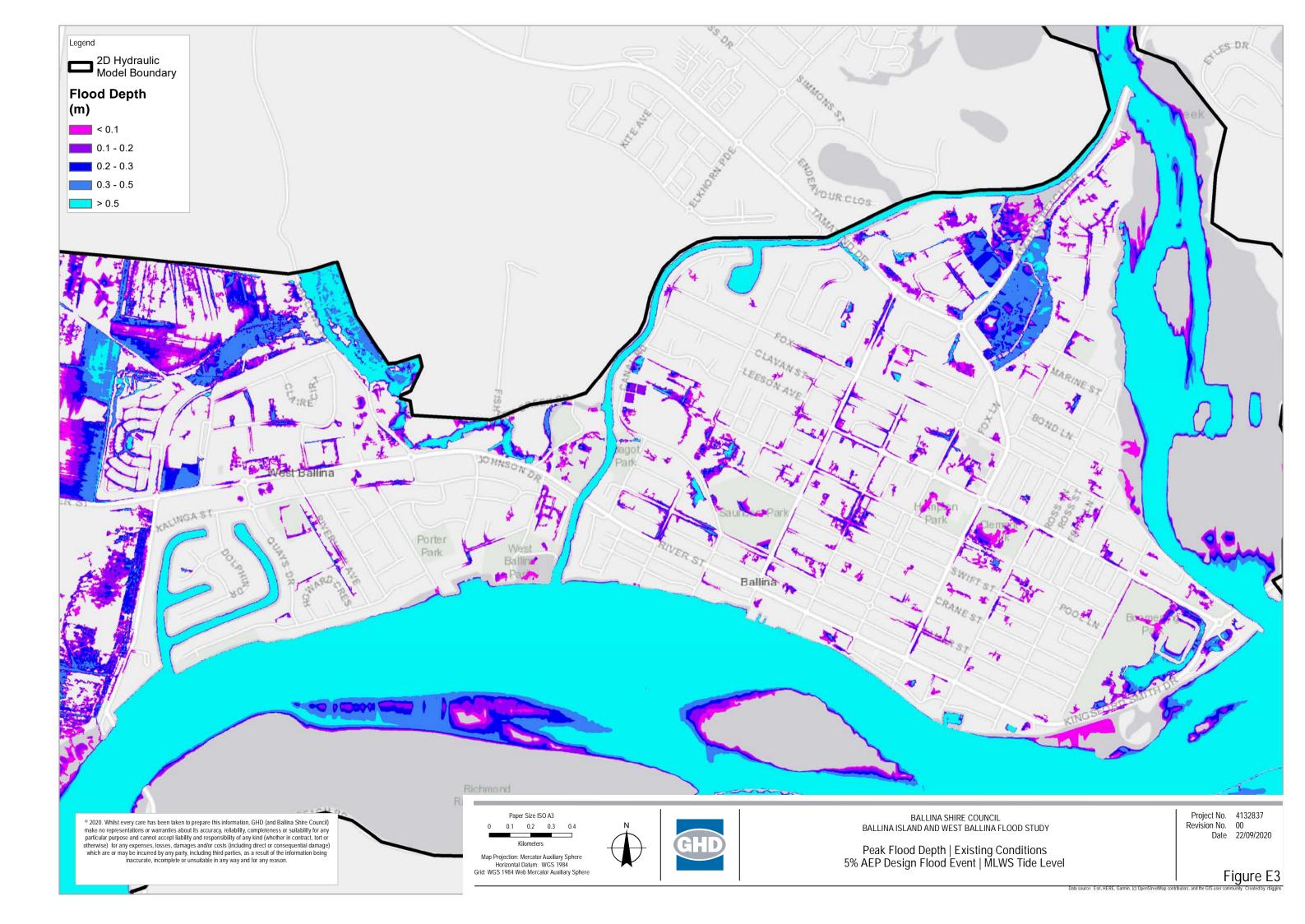


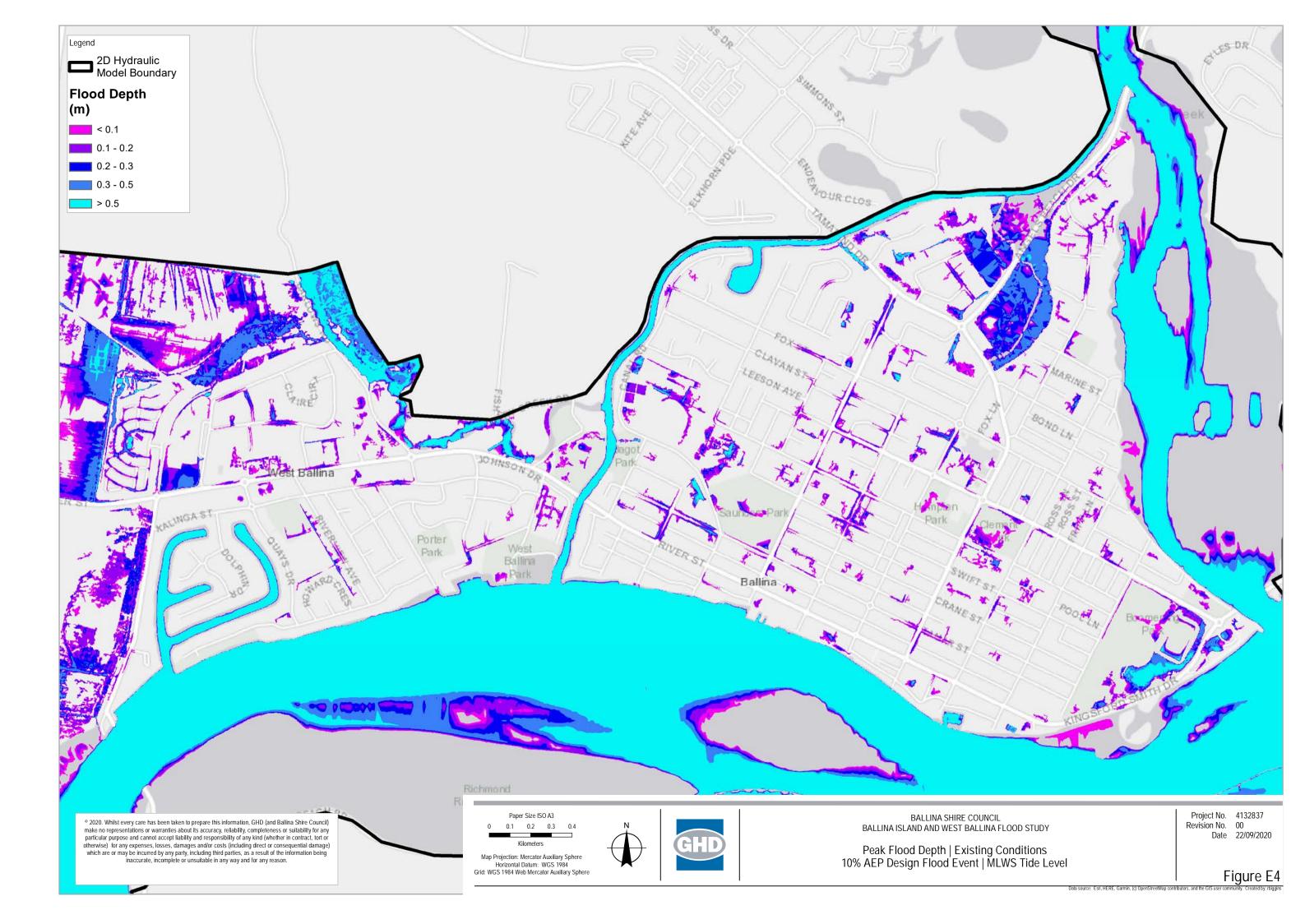
$\label{eq:Appendix E-Flood maps-Sensitivity tests on tide level conditions} \\ \text{Appendix E-Flood maps-Sensitivity tests on tide} \\ \text{In the level conditions} \\$

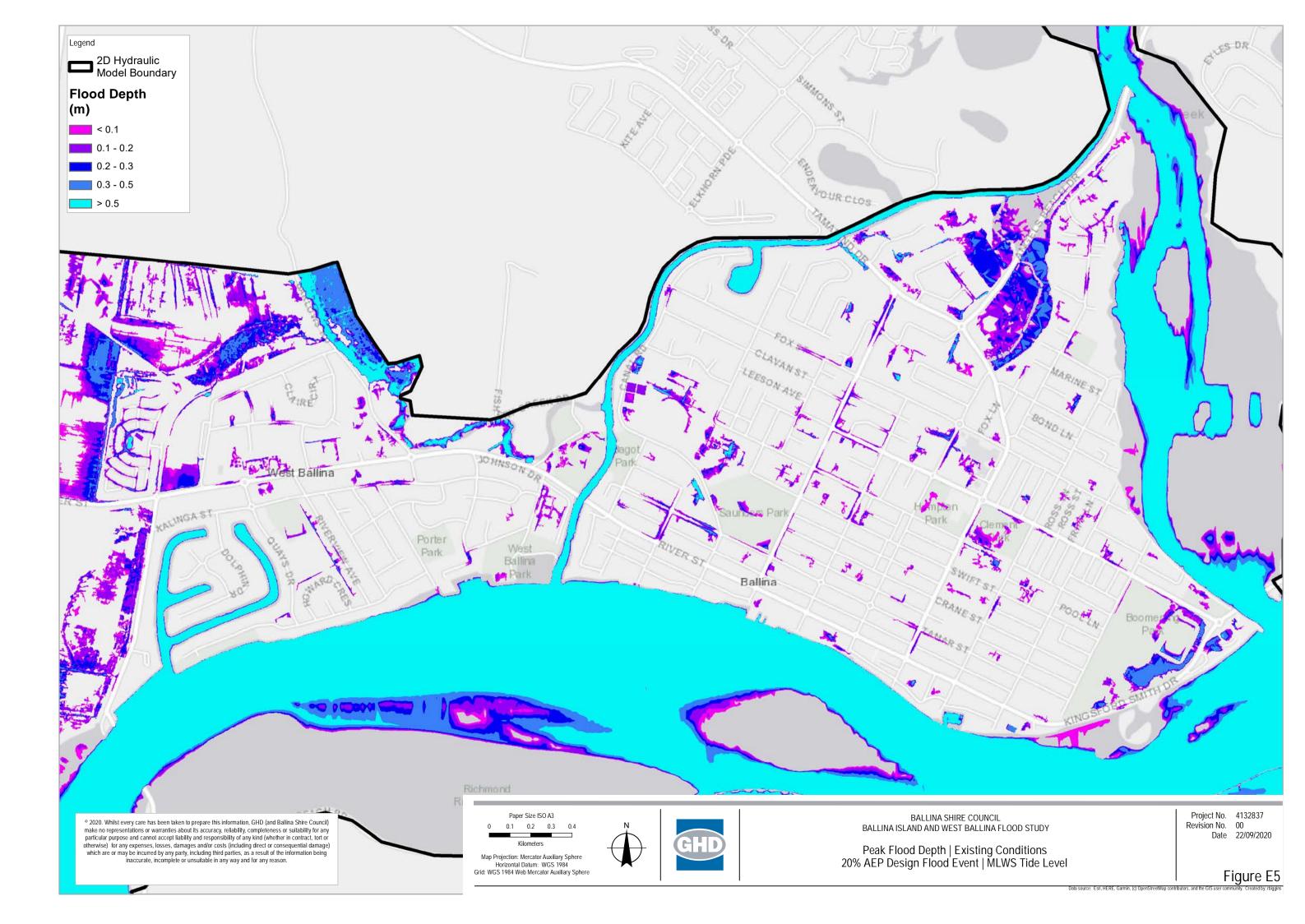
Figure ID	Description	Flood event
E1	Peak Flood Depth Existing Conditions	0.2% AEP Design Flood Event MLWS Tide Level
E2	Peak Flood Depth Existing Conditions	1% AEP Design Flood Event MLWS Tide Level
E3	Peak Flood Depth Existing Conditions	5% AEP Design Flood Event MLWS Tide Level
E4	Peak Flood Depth Existing Conditions	10% AEP Design Flood Event MLWS Tide Level
E5	Peak Flood Depth Existing Conditions	20% AEP Design Flood Event MLWS Tide Level
E6	Changes in Flood Level MLWS vs MHWS Tide Level Scenario	0.2% AEP Design Flood Event
E7	Changes in Flood Level MLWS vs MHWS Tide Level Scenario	1% AEP Design Flood Event
E8	Changes in Flood Level MLWS vs MHWS Tide Level Scenario	5% AEP Design Flood Event
E9	Changes in Flood Level MLWS vs MHWS Tide Level Scenario	10% AEP Design Flood Event
E10	Changes in Flood Level MLWS vs MHWS Tide Level Scenario	20% AEP Design Flood Event
E11	Peak Flood Depth Existing Conditions	0.2% AEP Design Flood Event HAT Level
E12	Peak Flood Depth Existing Conditions	1% AEP Design Flood Event HAT Level
E13	Peak Flood Depth Existing Conditions	5% AEP Design Flood Event HAT Level
E14	Peak Flood Depth Existing Conditions	10% AEP Design Flood Event HAT Level
E15	Peak Flood Depth Existing Conditions	20% AEP Design Flood Event HAT Level
E16	Changes in Flood Level HAT vs MHWS Tide Level Scenario	0.2% AEP Design Flood Event
E17	Changes in Flood Level HAT vs MHWS Tide Level Scenario	1% AEP Design Flood Event
E18	Changes in Flood Level HAT vs MHWS Tide Level Scenario	5% AEP Design Flood Event
E19	Changes in Flood Level HAT vs MHWS Tide Level Scenario	10% AEP Design Flood Event
E20	Changes in Flood Level HAT vs MHWS Tide Level Scenario	20% AEP Design Flood Event
E21	Peak Flood Depth Existing Conditions	No Local Rainfall Event HAT Level (1.11 mAHD)
E22	Peak Flood Depth Existing Conditions	No Local Rainfall Event January 2018 King Tide (1.29 mAHD)
E23	Peak Flood Depth Existing Conditions	No Local Rainfall Event 1% AEP Storm Tide (2.0 mAHD)

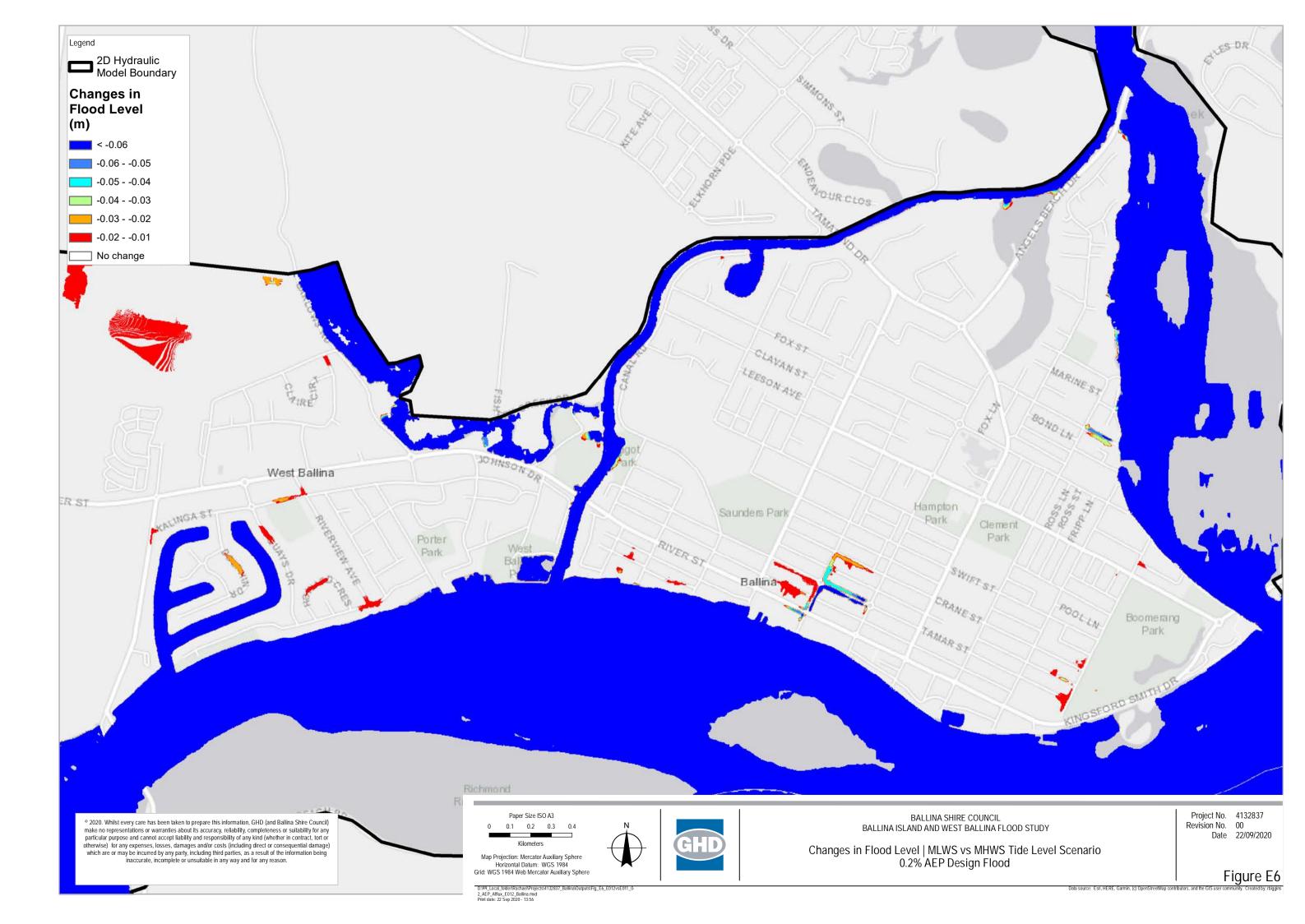


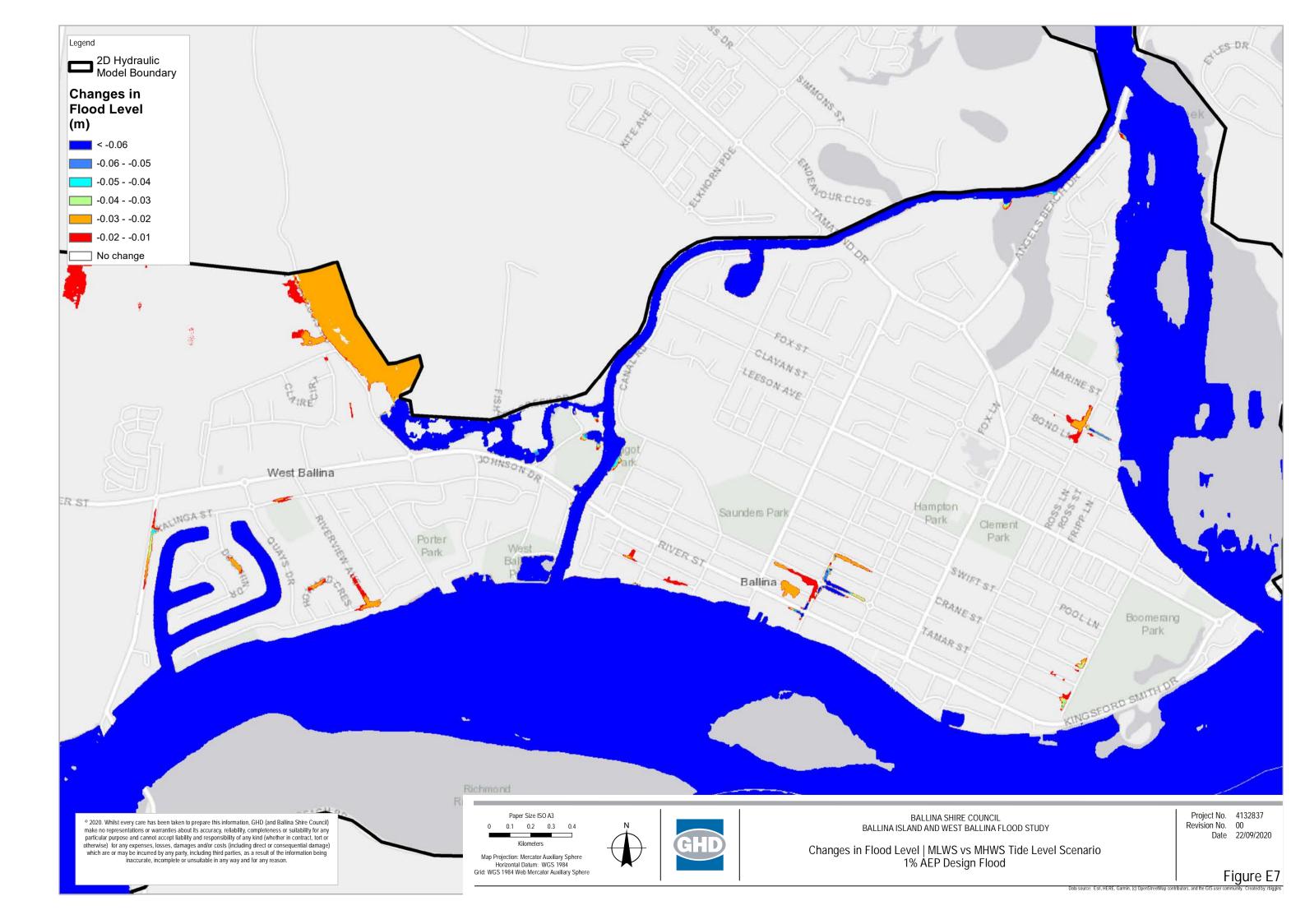


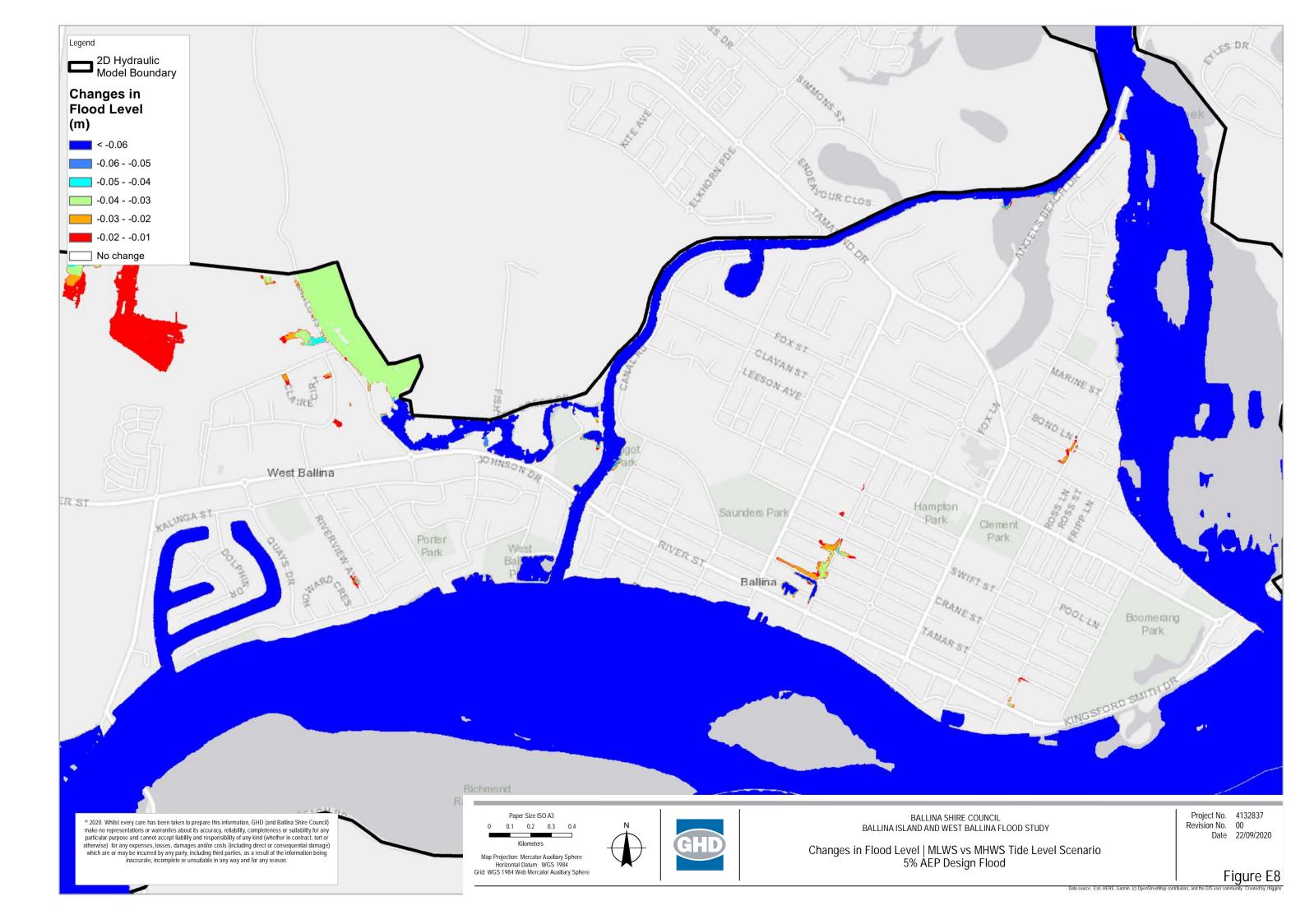


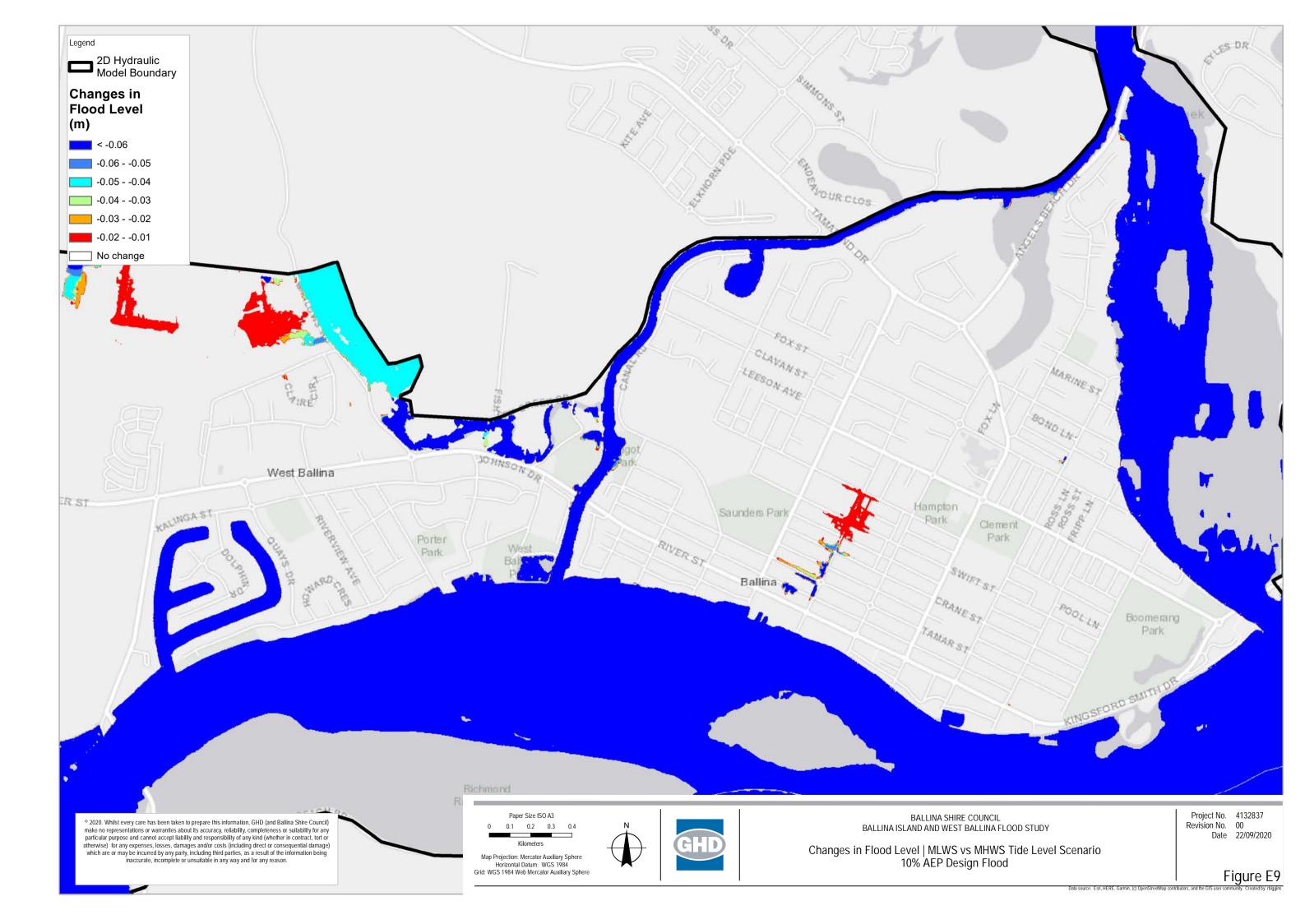


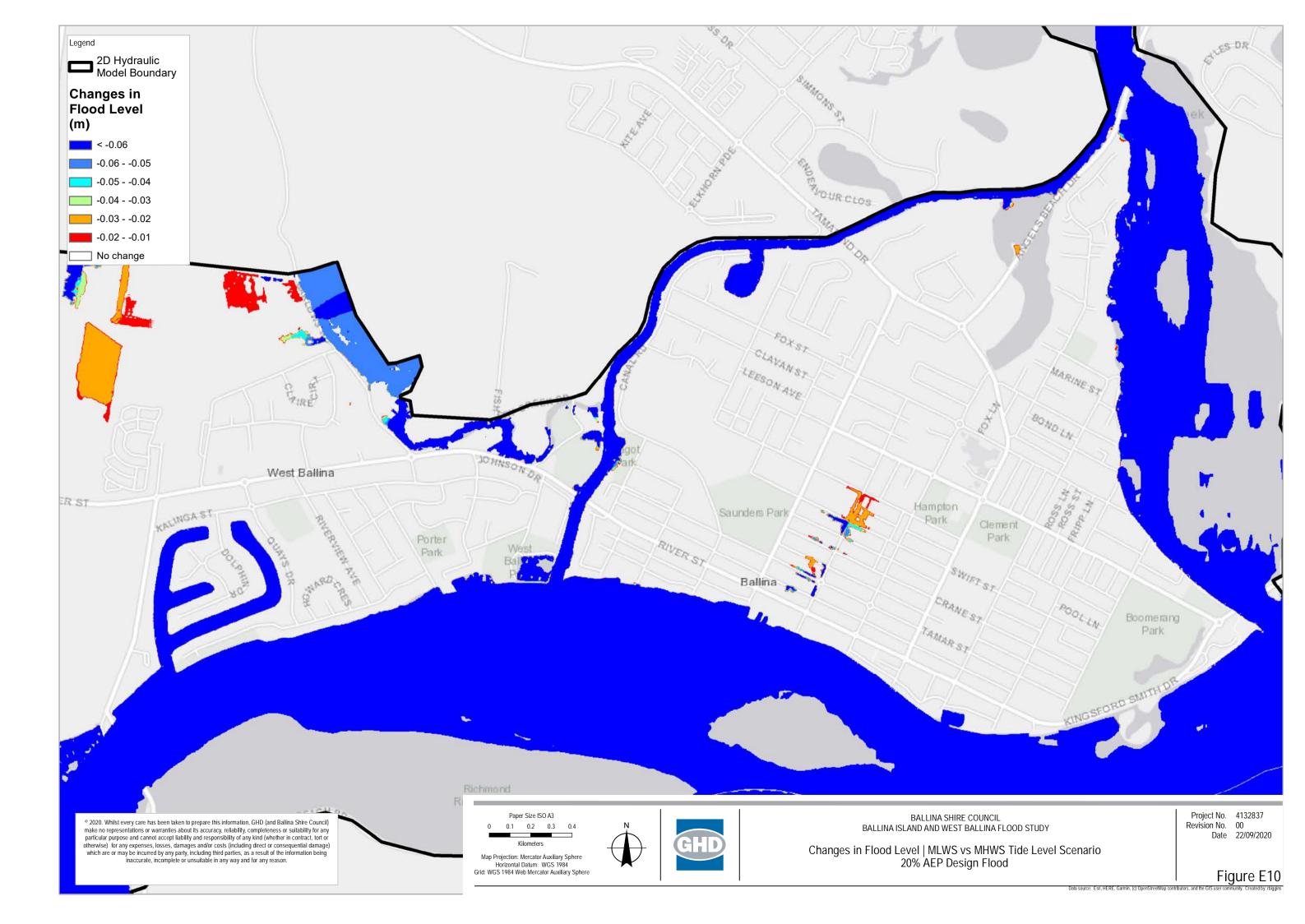


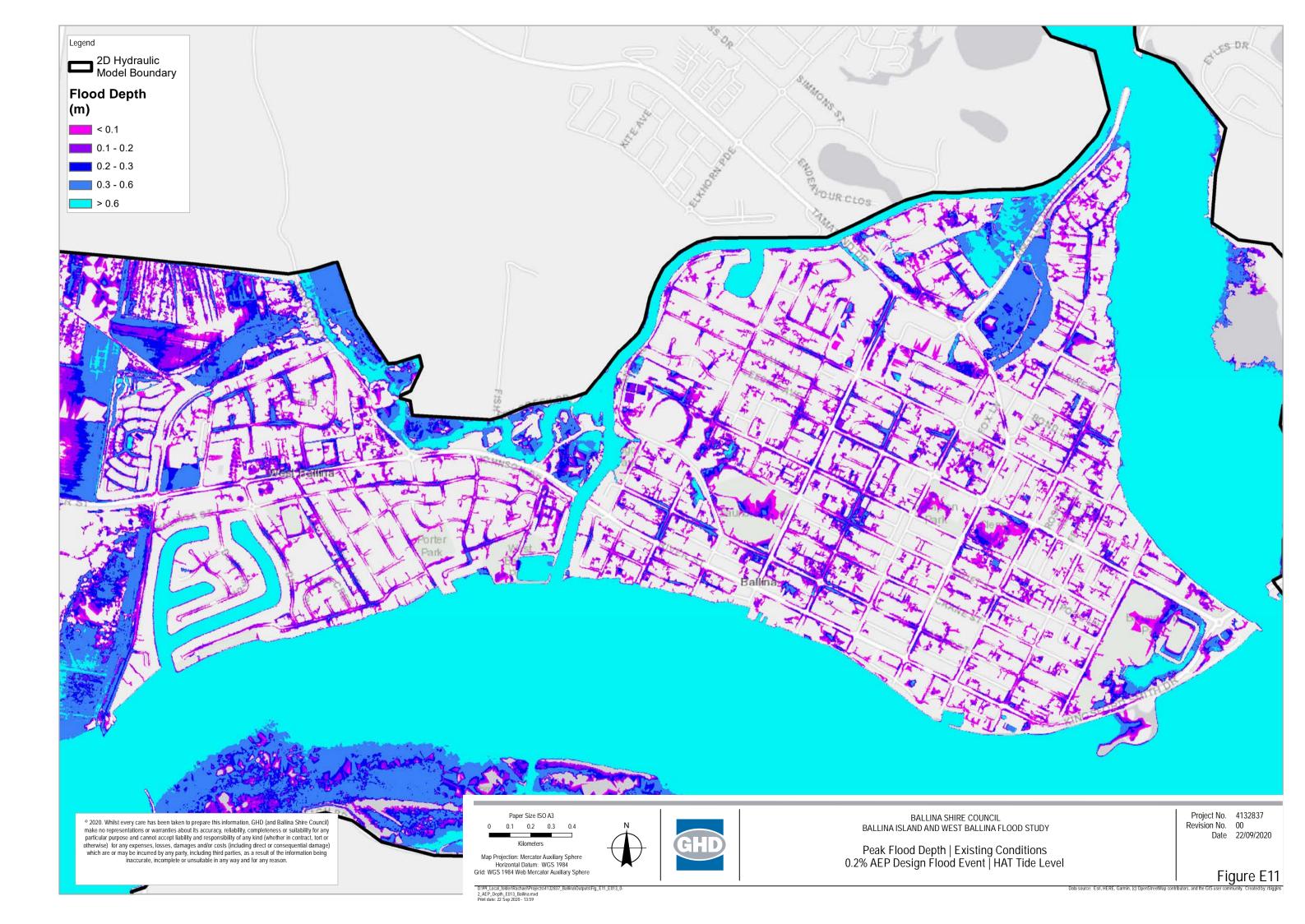


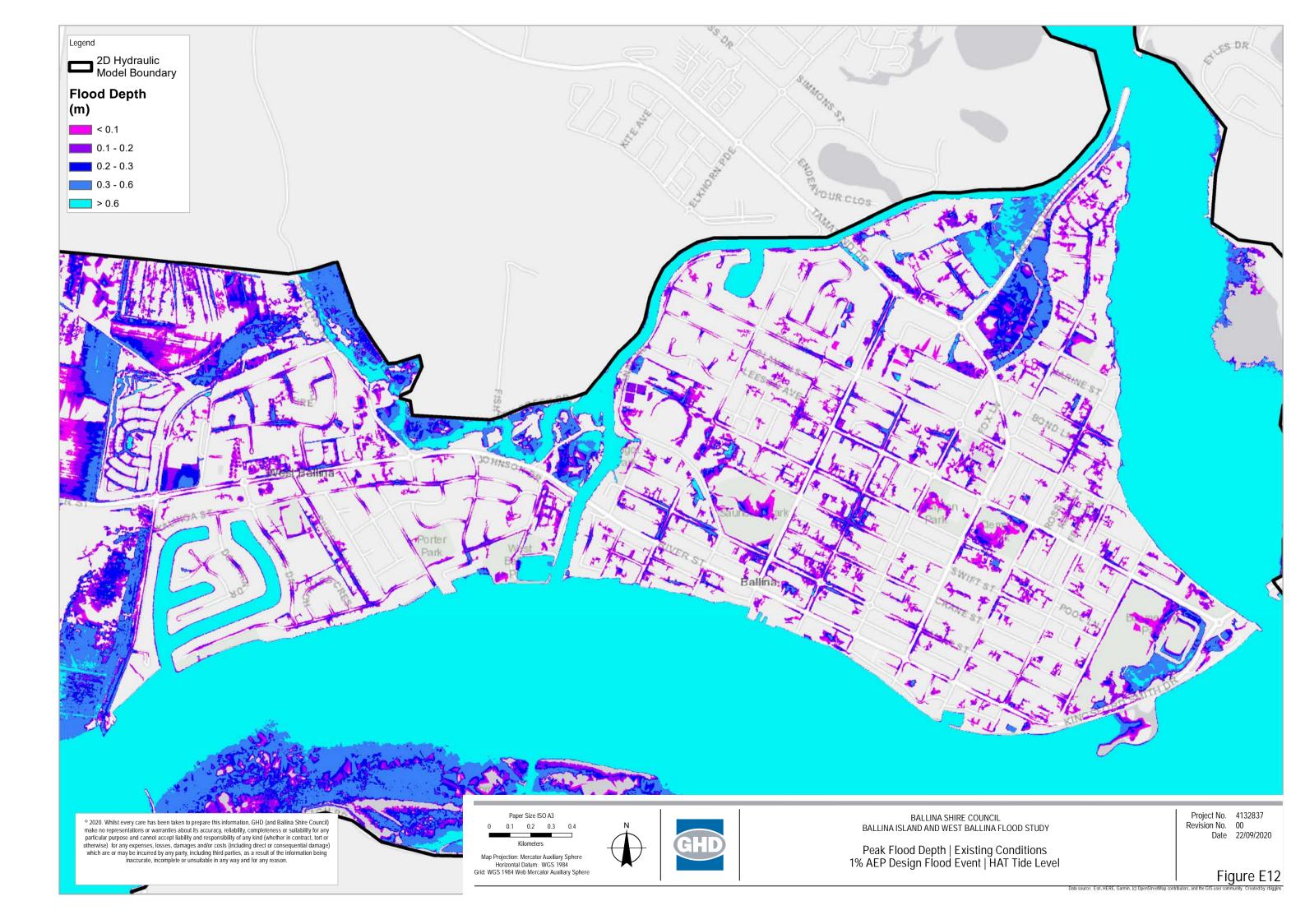


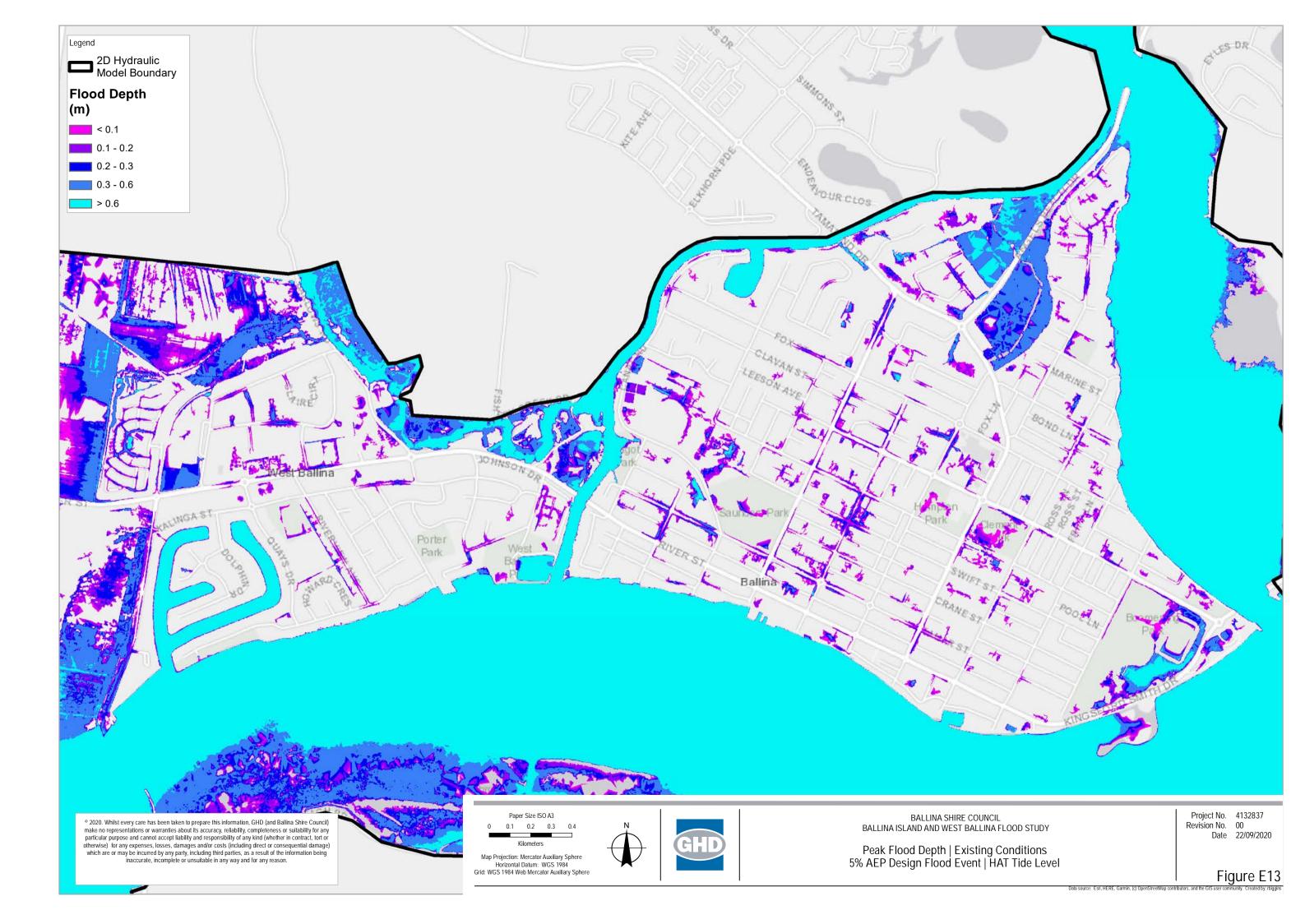


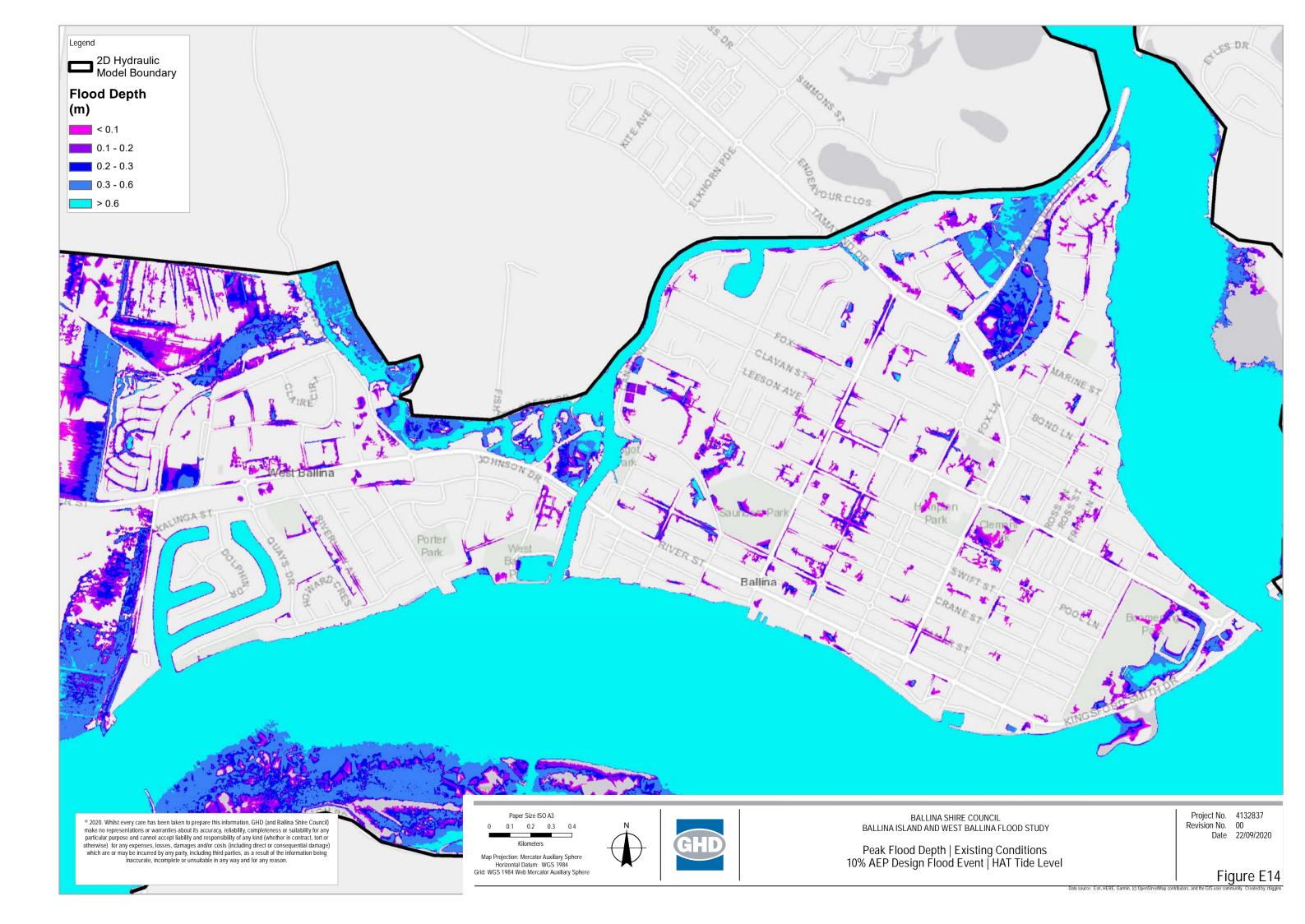


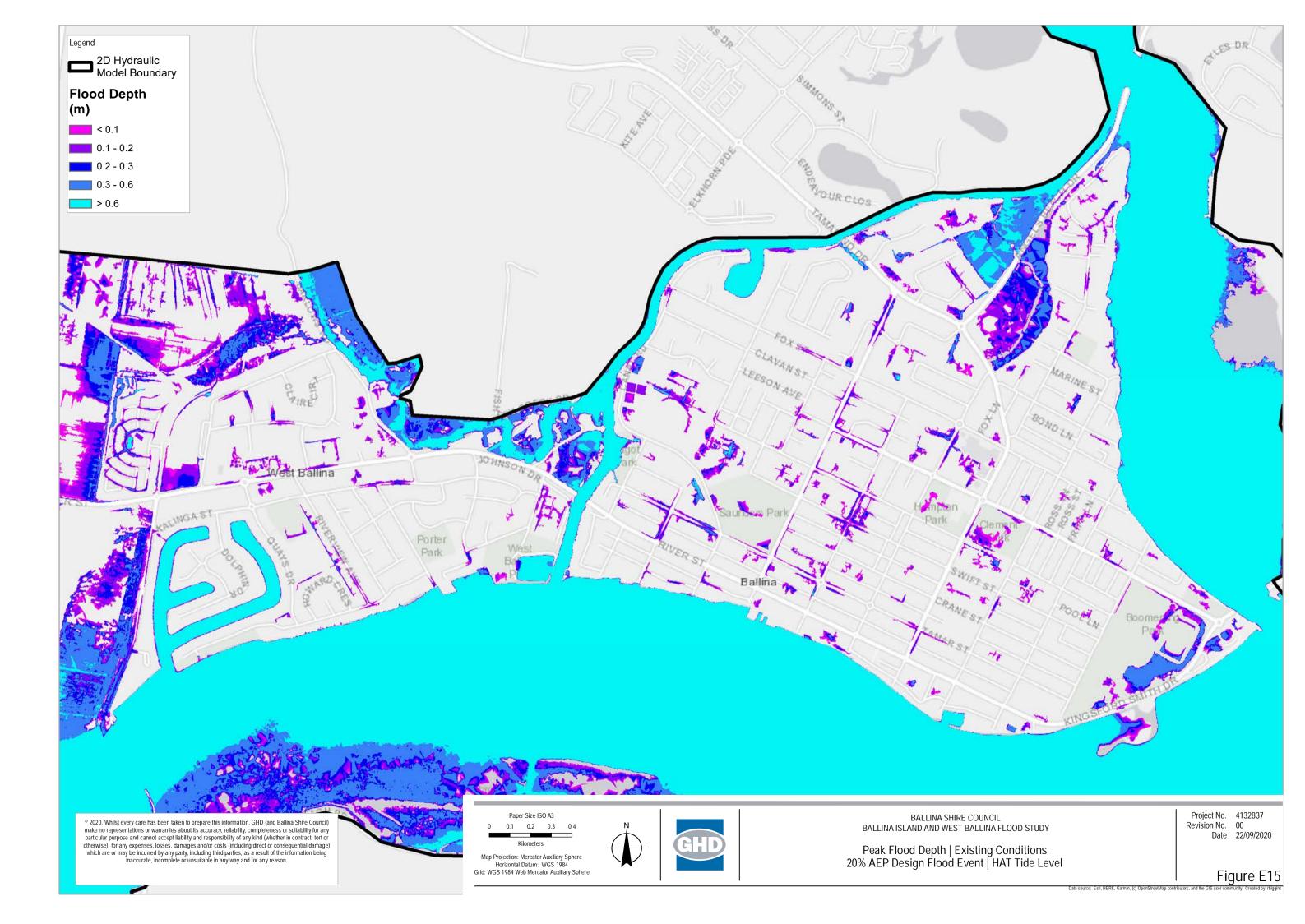


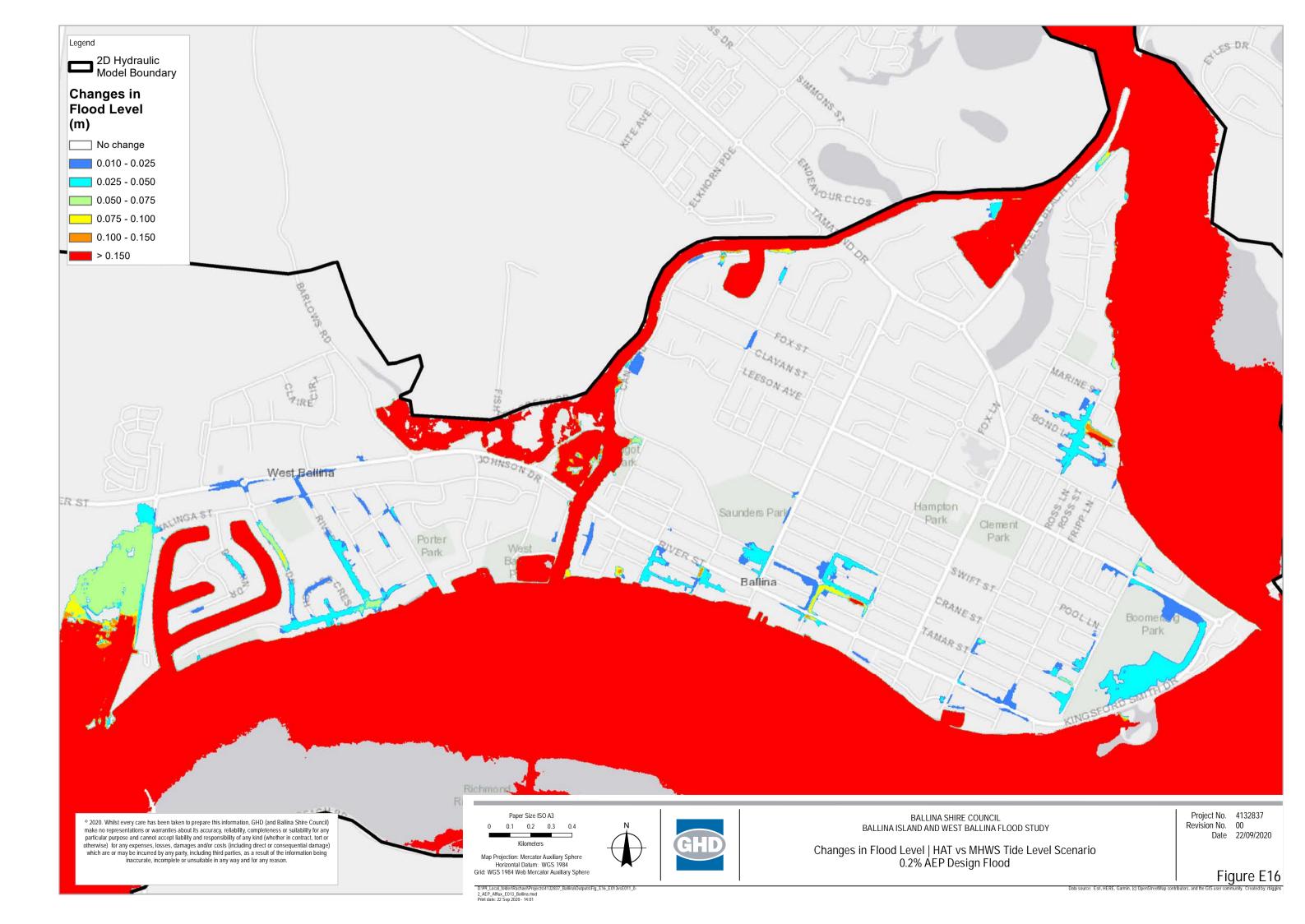


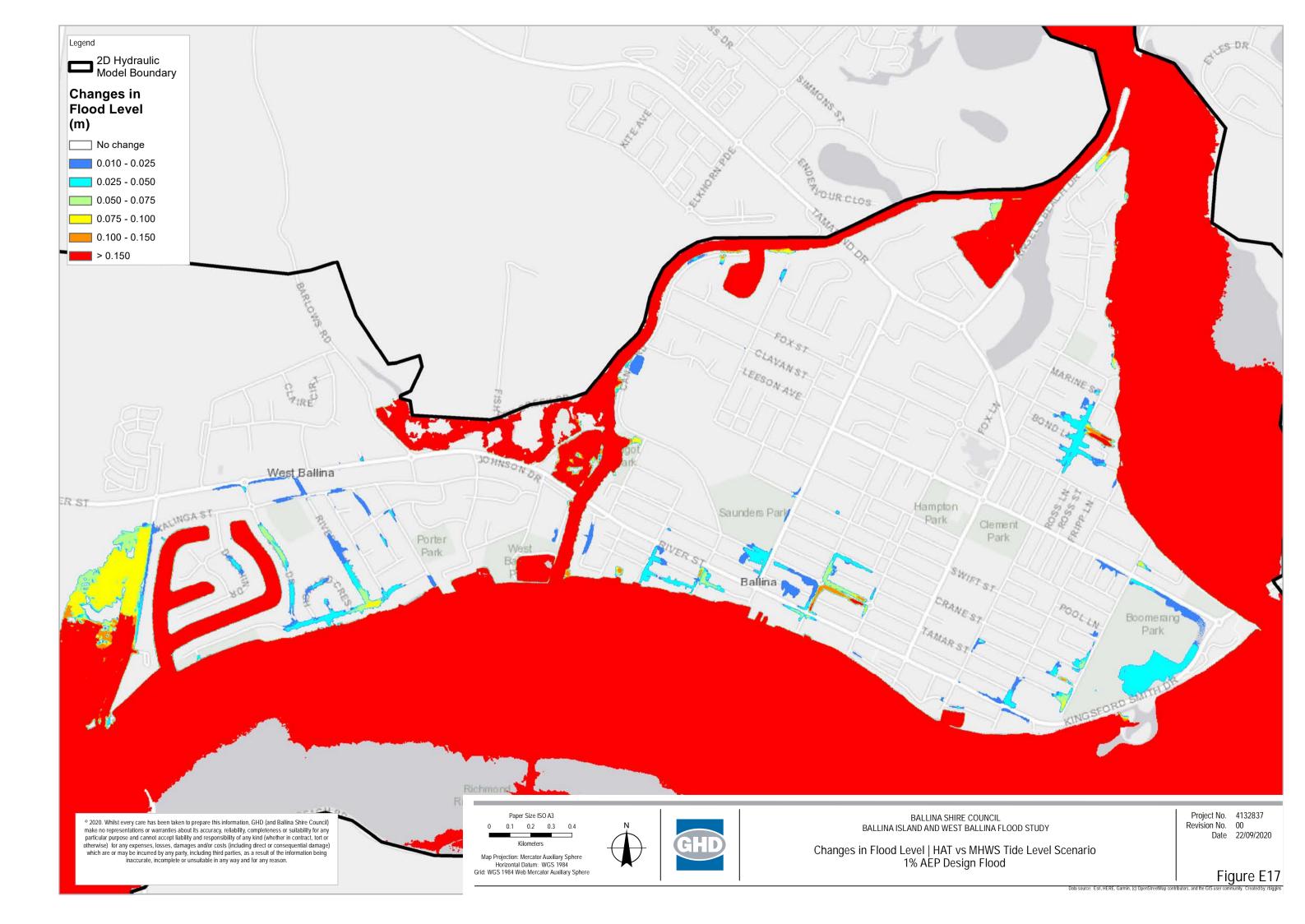


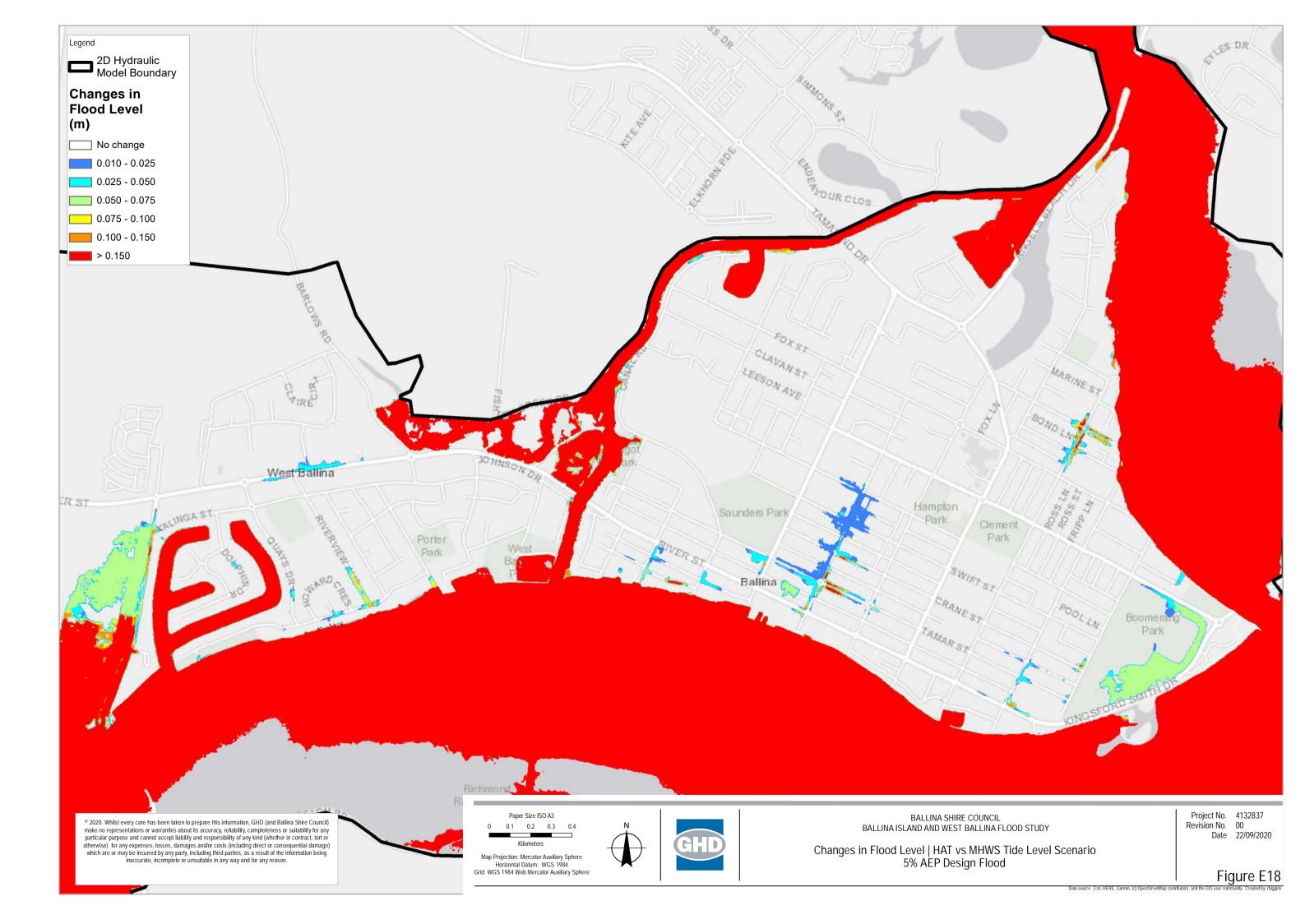


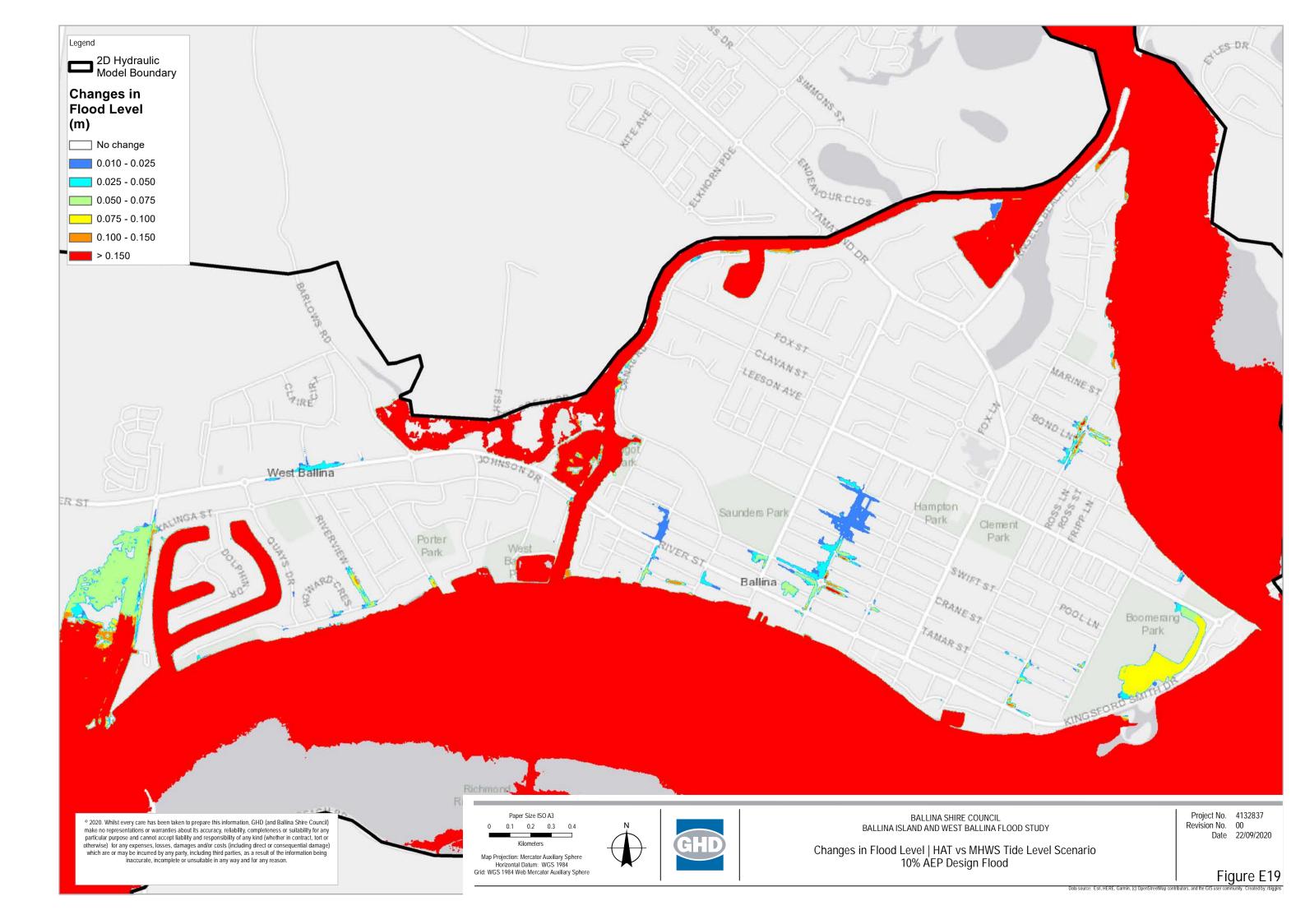


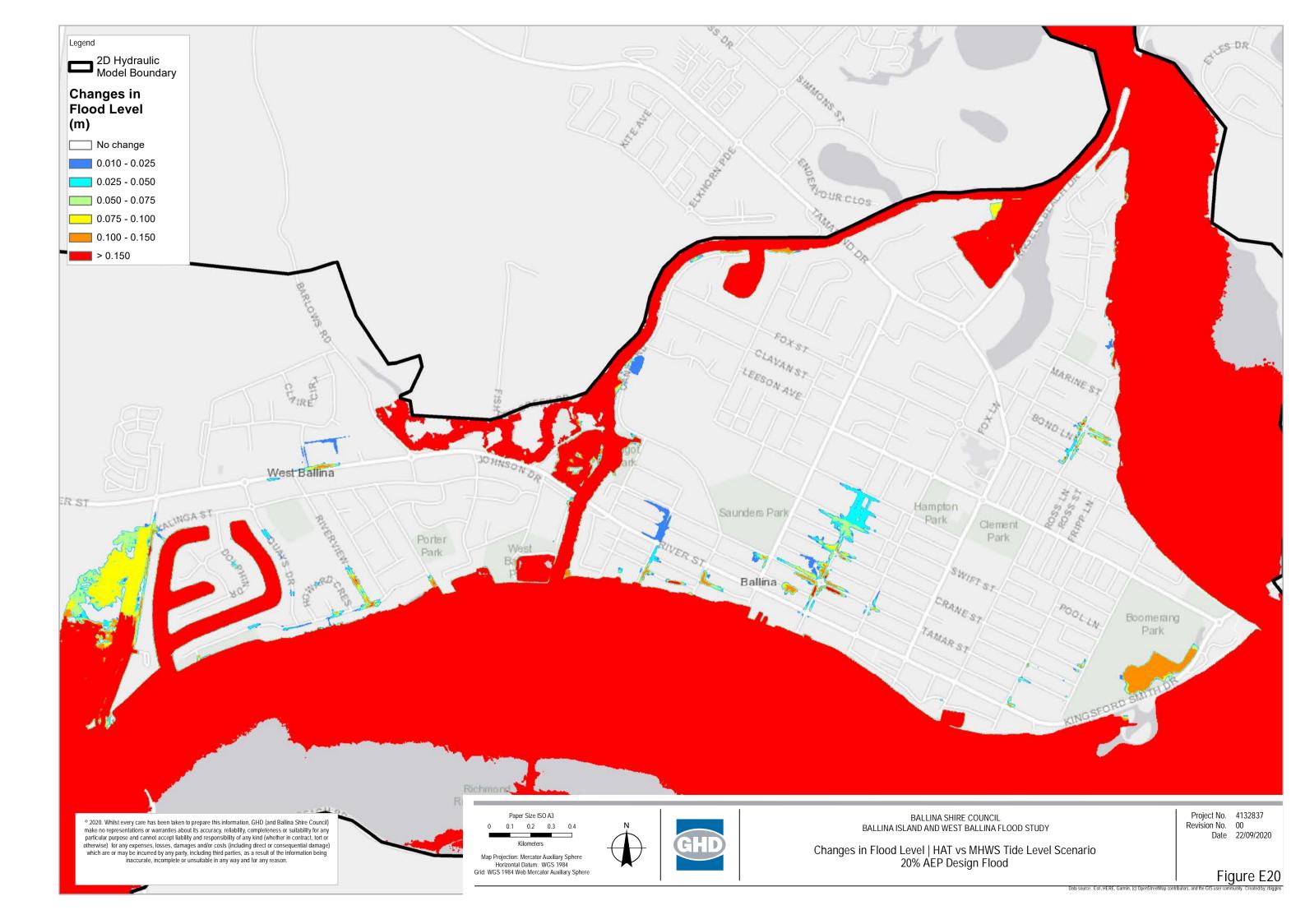


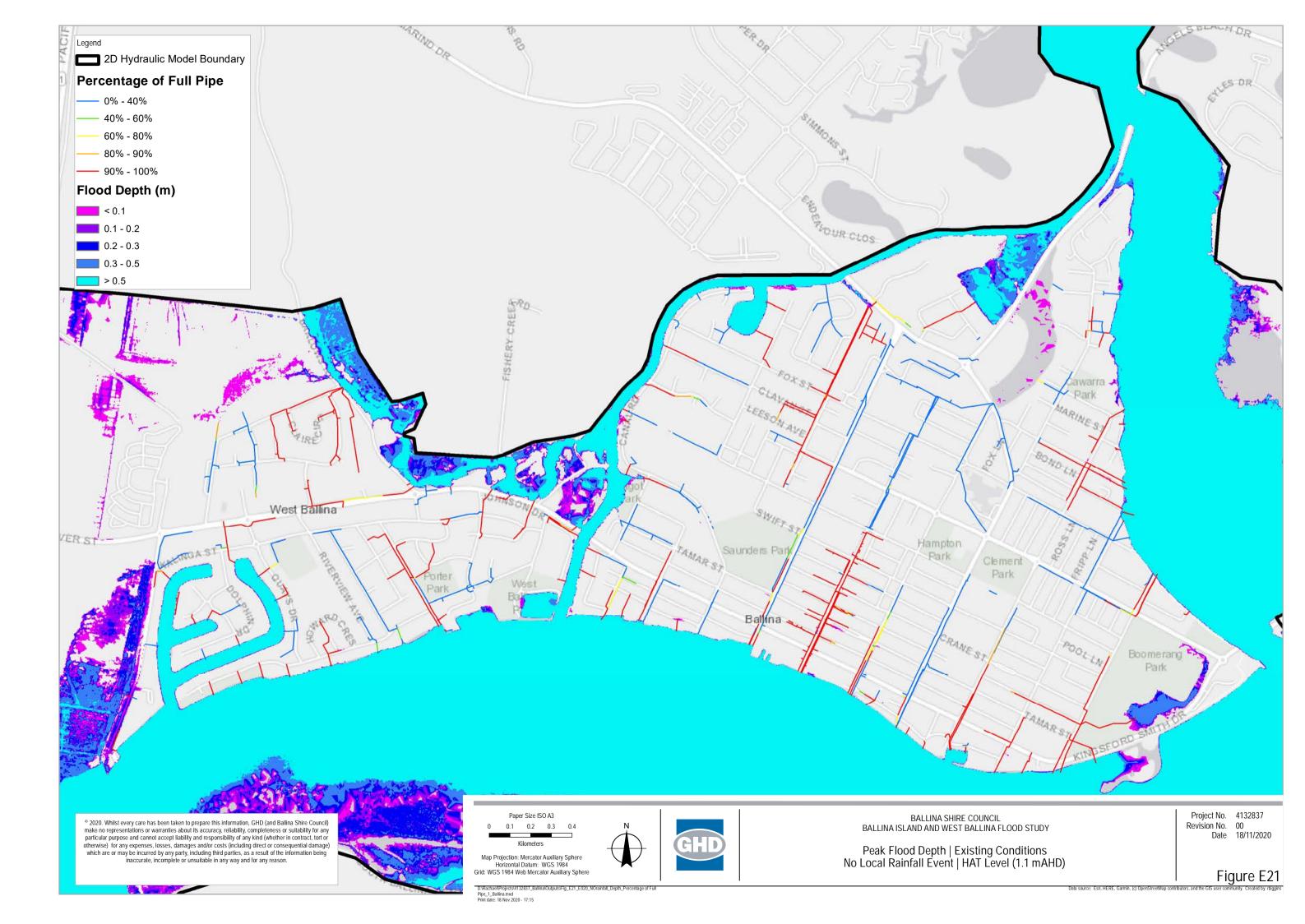


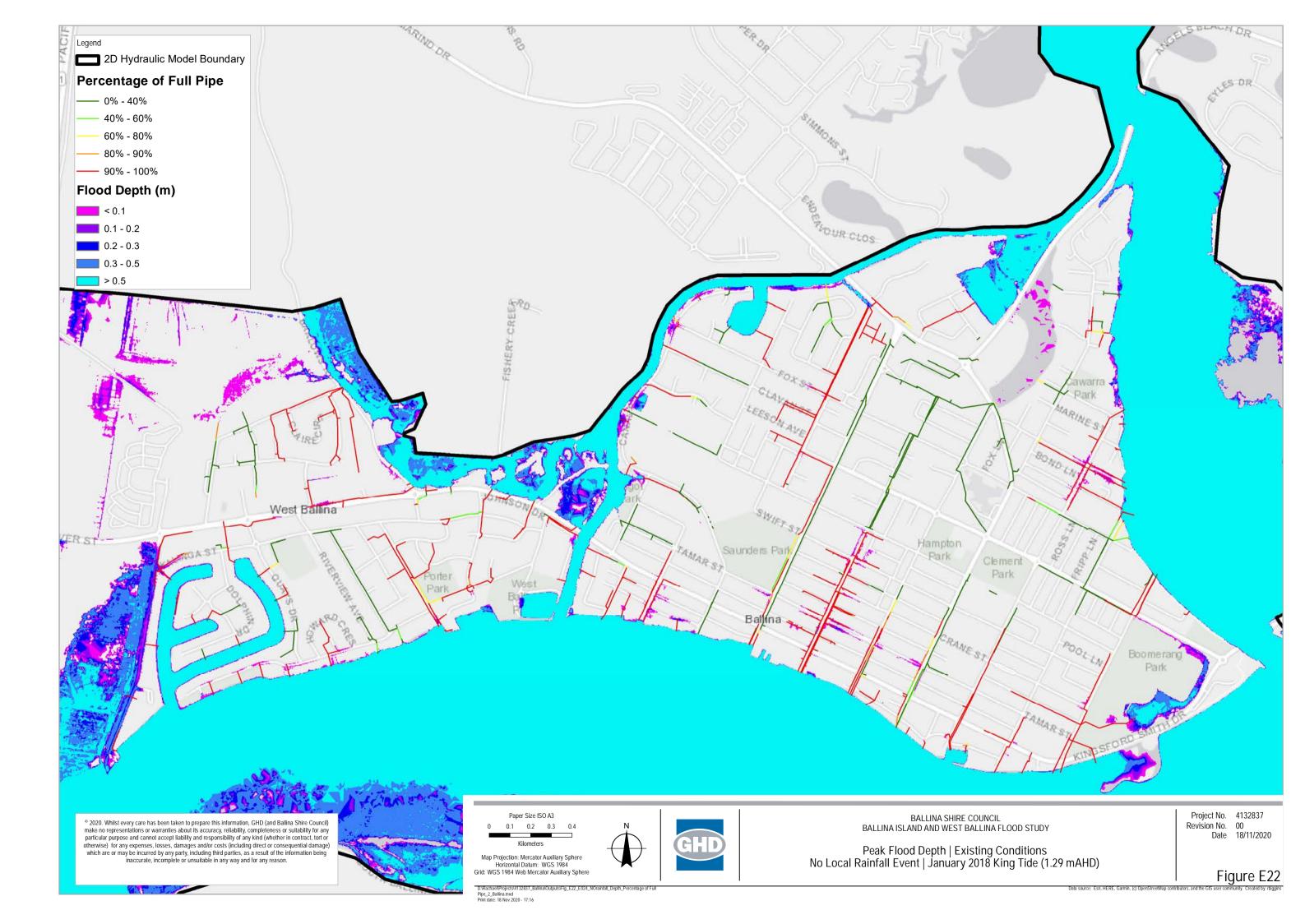


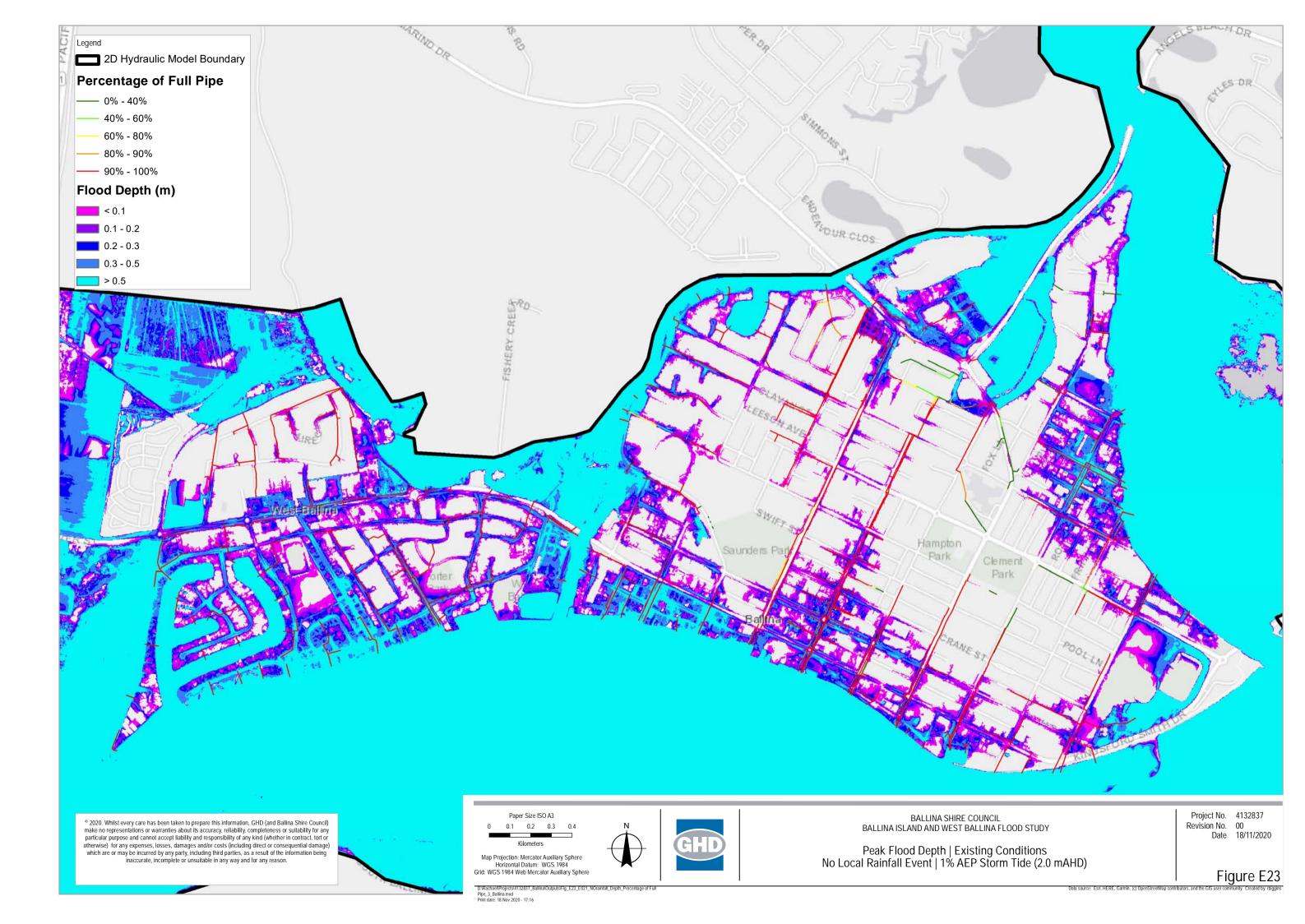






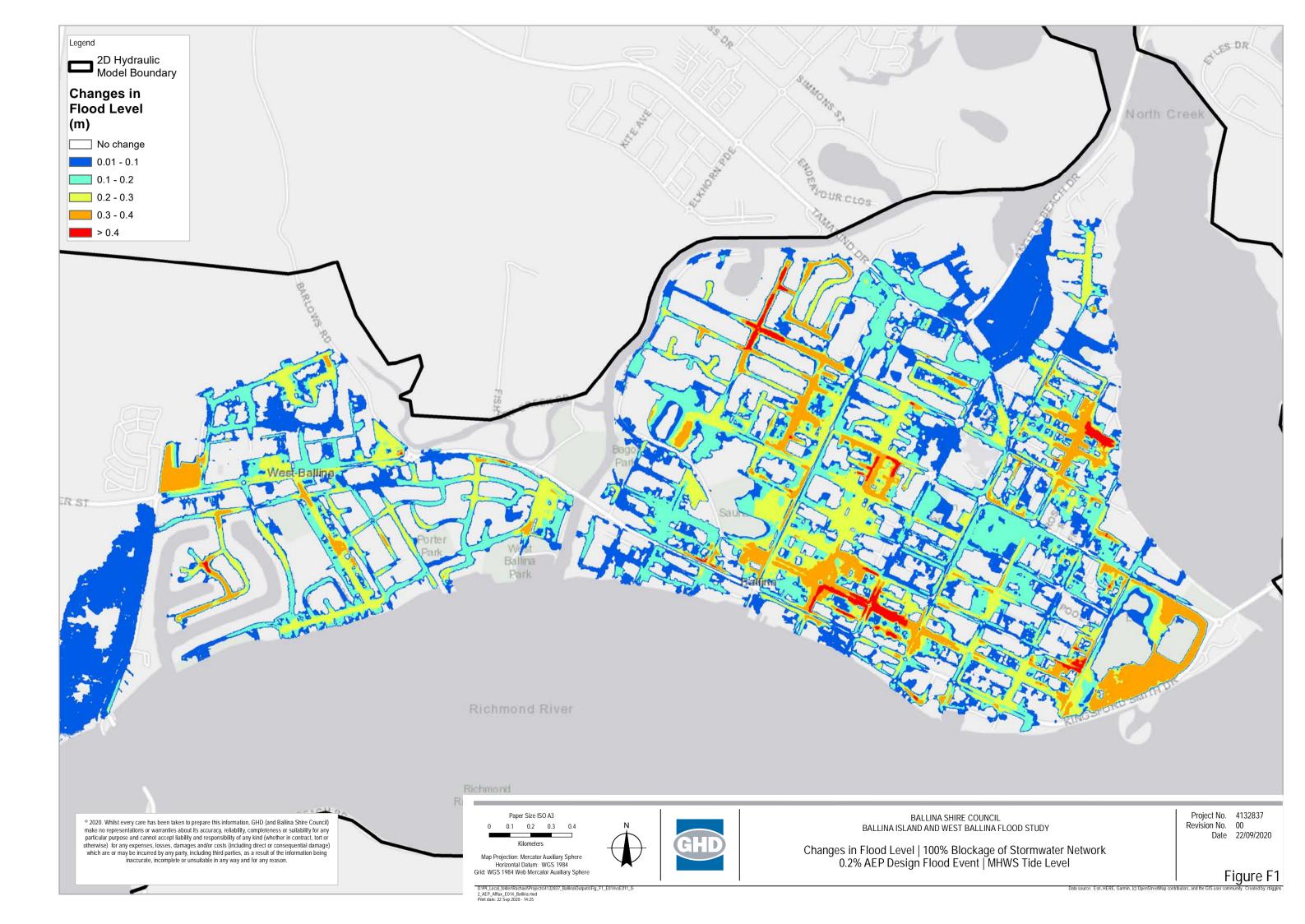


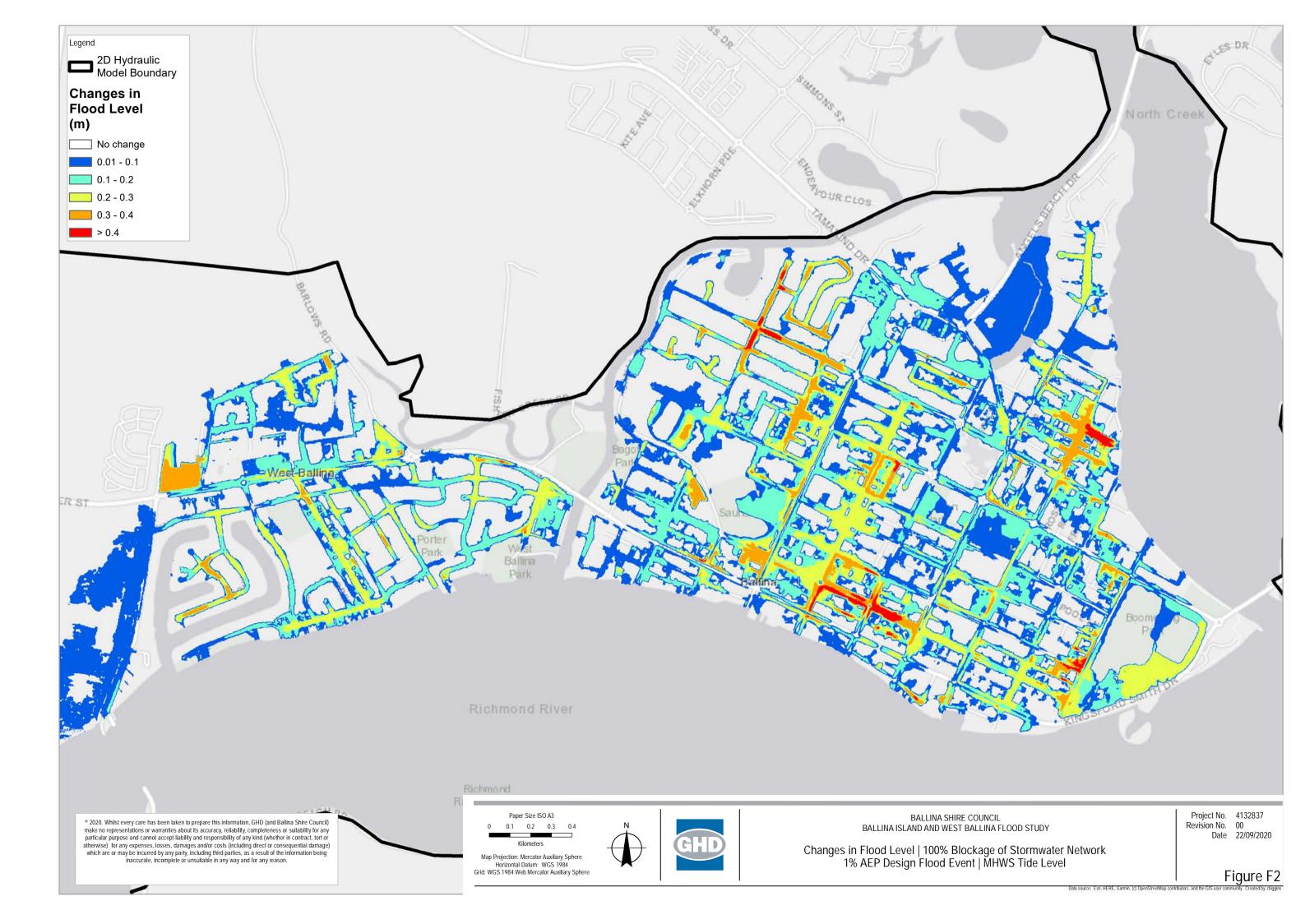


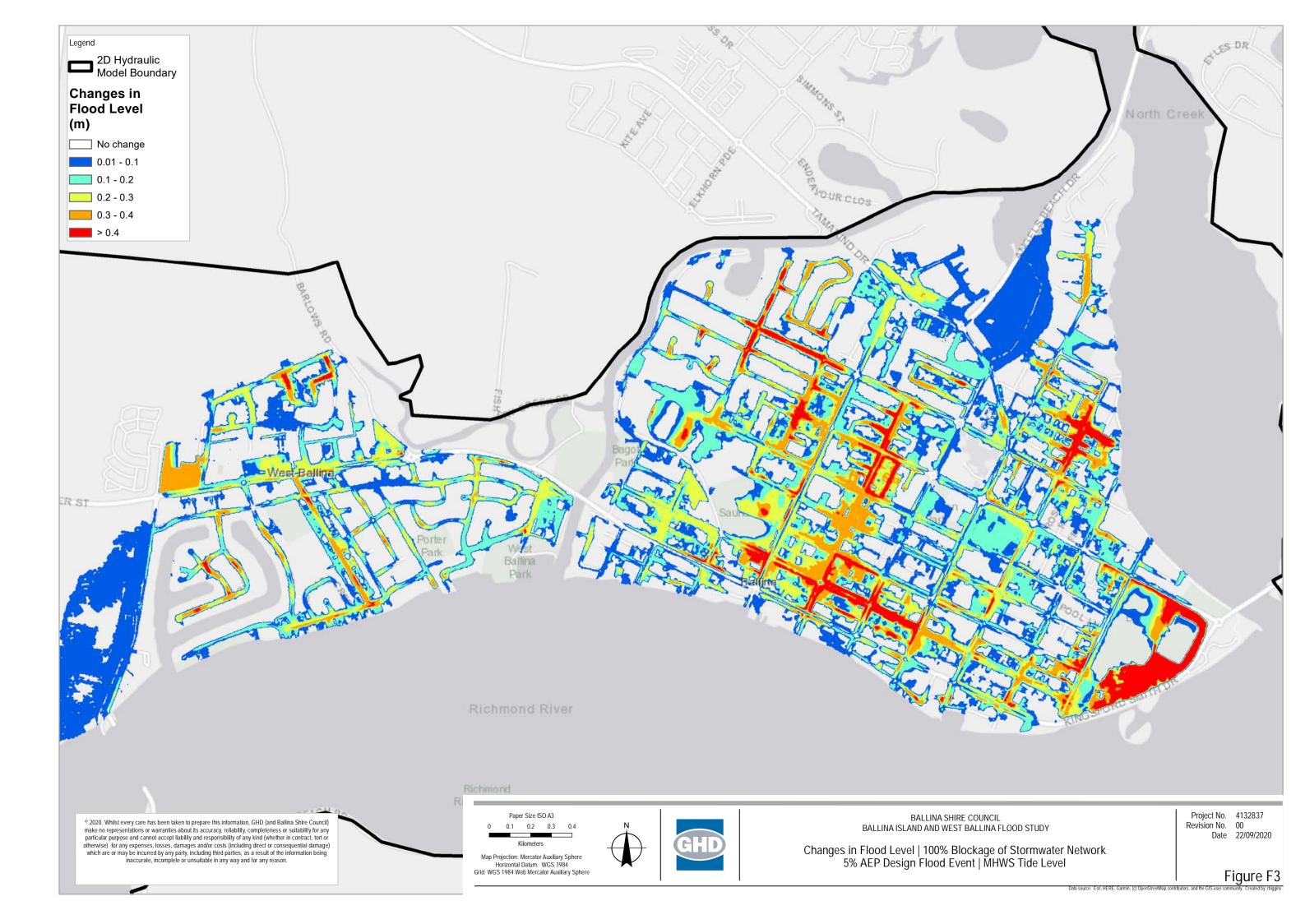


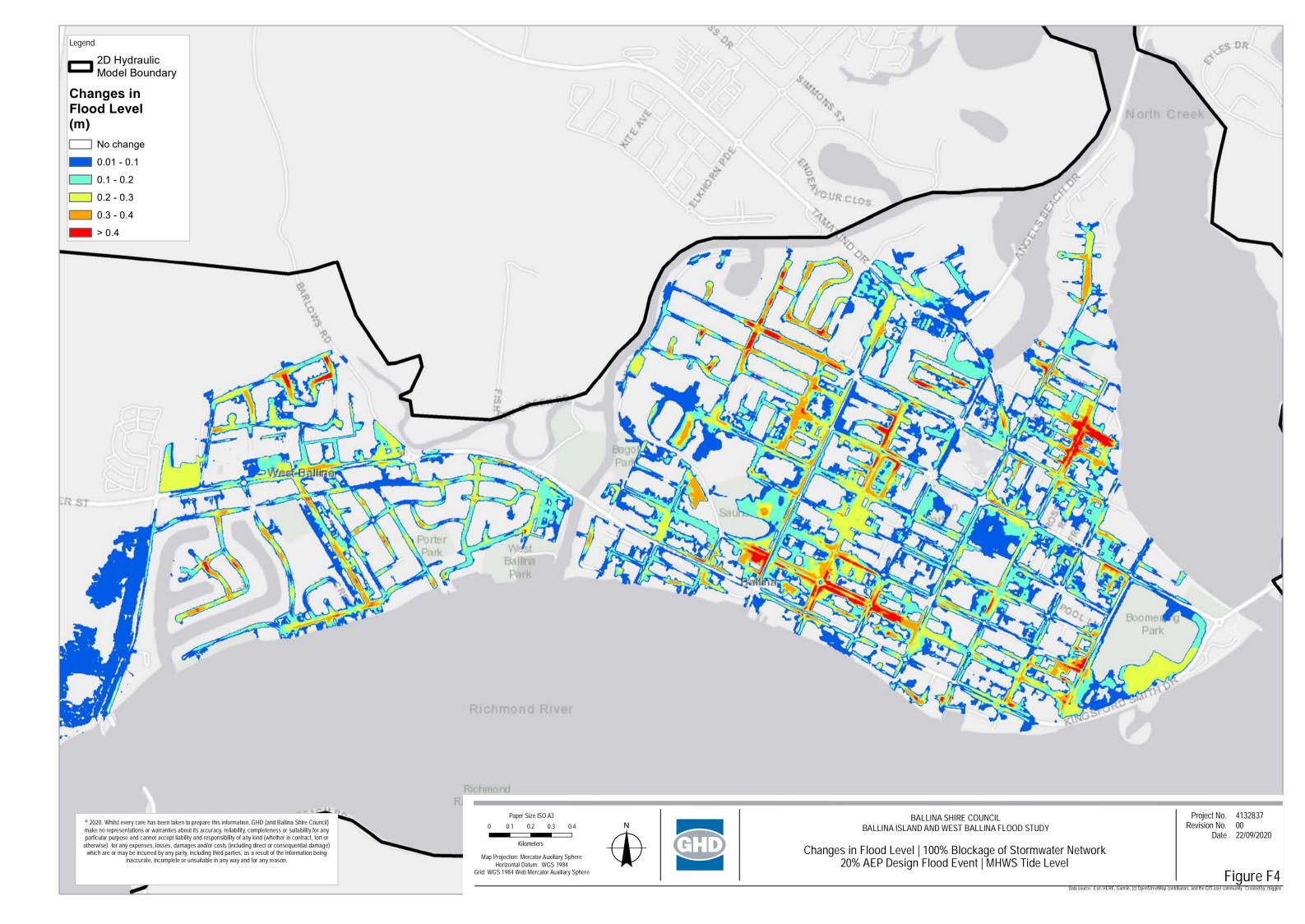
Appendix F – Flood maps – Sensitivity tests on model parameters

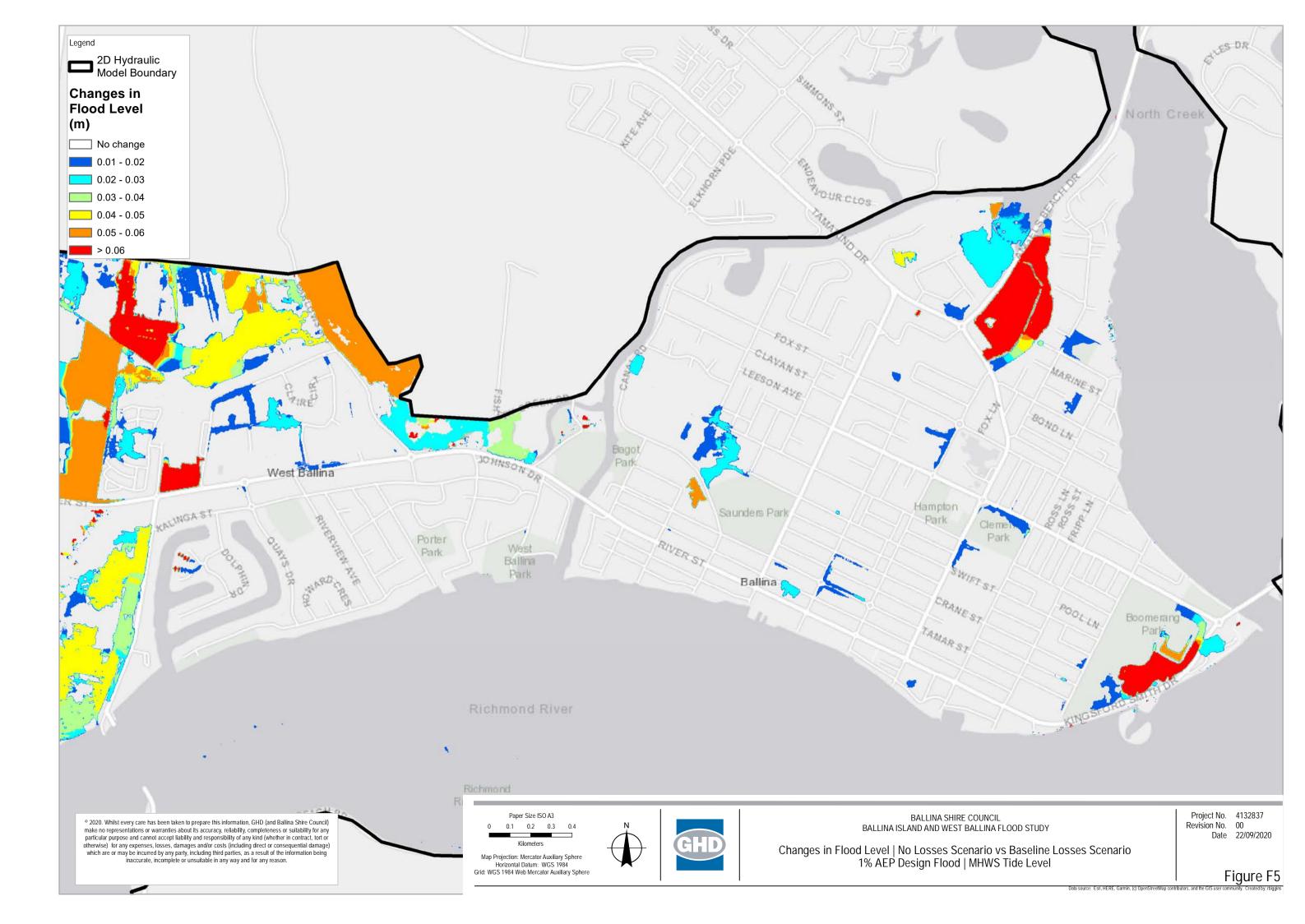
Figure ID	Description	Flood event
F1	Changes in Flood Level 100% Blockage of Stormwater Network	0.2% AEP Design Flood Event MHWS Tide Level
F2	Changes in Flood Level 100% Blockage of Stormwater Network	1% AEP Design Flood Event MHWS Tide Level
F3	Changes in Flood Level 100% Blockage of Stormwater Network	5% AEP Design Flood Event MHWS Tide Level
F4	Changes in Flood Level 100% Blockage of Stormwater Network	20% AEP Design Flood Event MHWS Tide Level
F5	Changes in Flood Level No Losses Scenario vs Baseline Losses Scenario	1% AEP Design Flood Event MHWS Tide Level
F6	Changes in Flood Level No Losses Scenario vs Baseline Losses Scenario	5% AEP Design Flood Event MHWS Tide Level
F7	Changes in Flood Level No Losses Scenario vs Baseline Losses Scenario	20% AEP Design Flood Event MHWS Tide Level

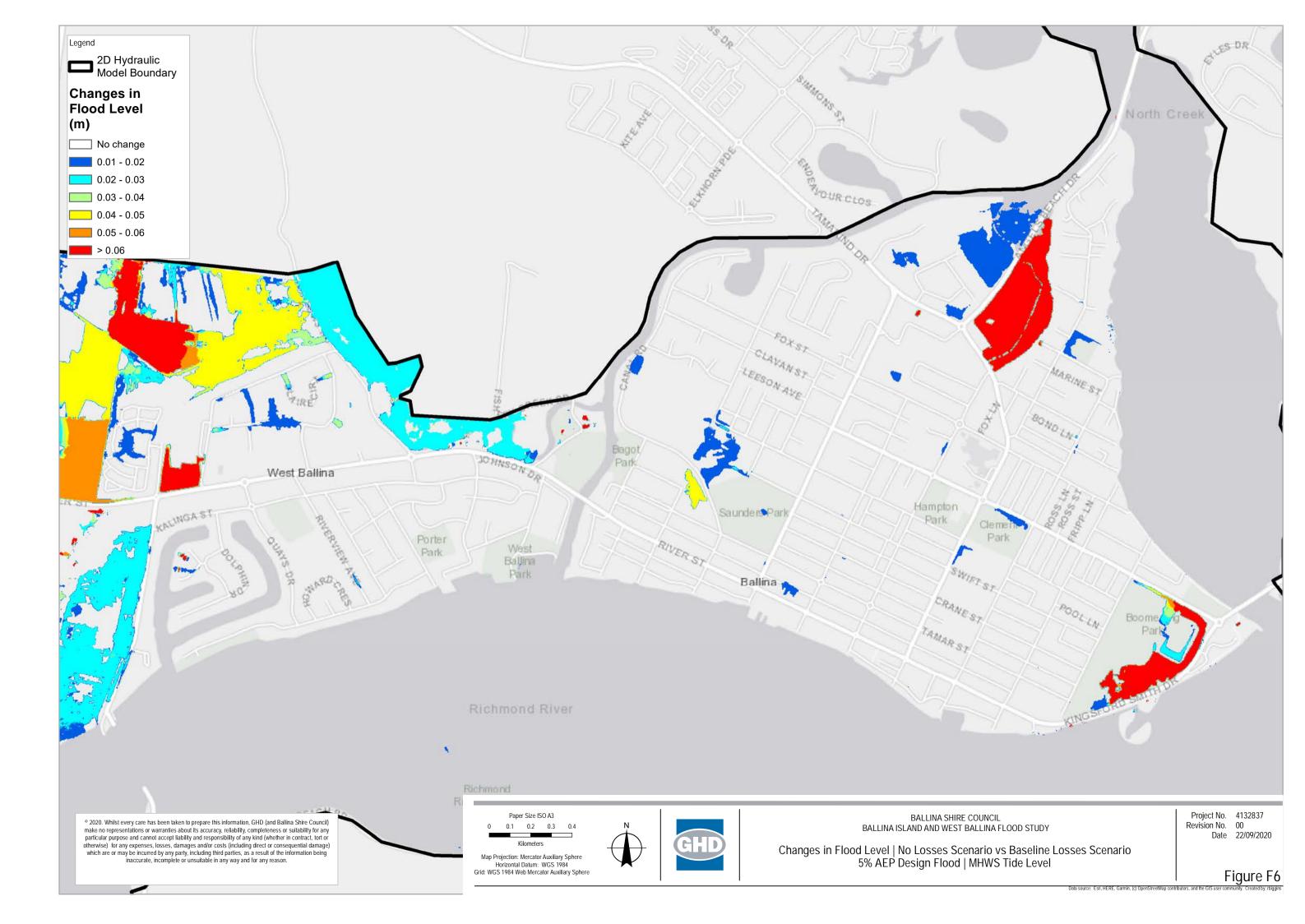


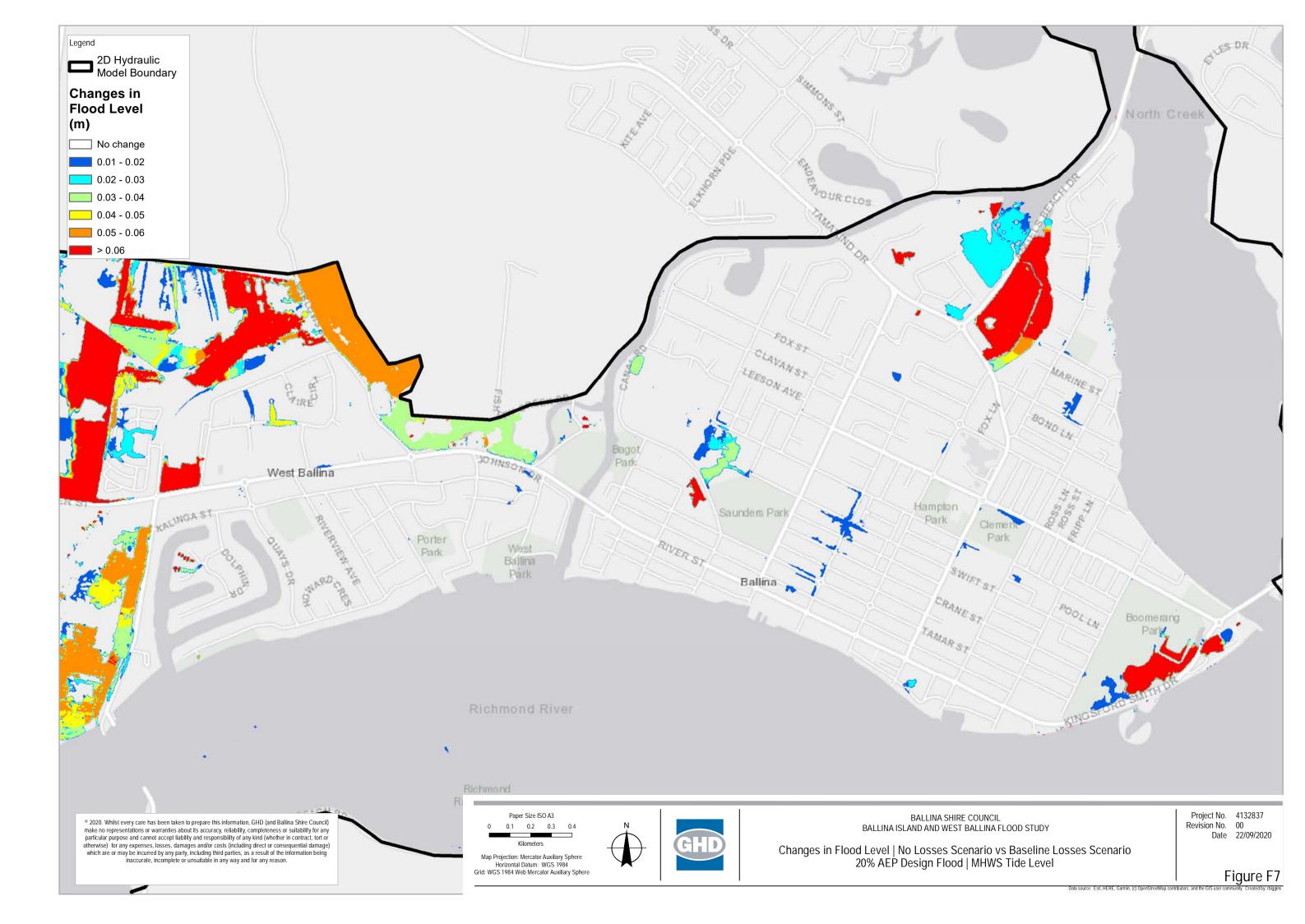






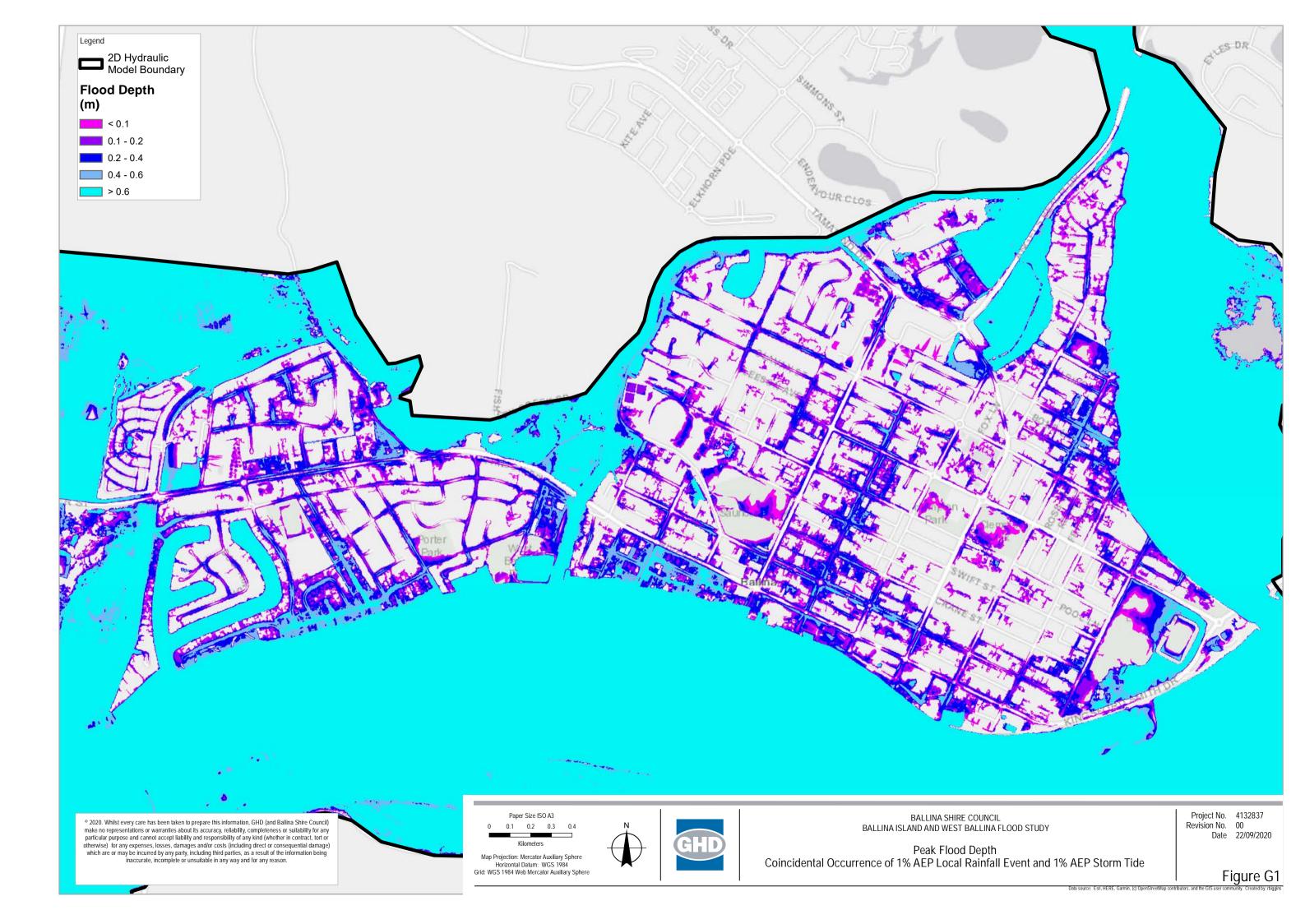


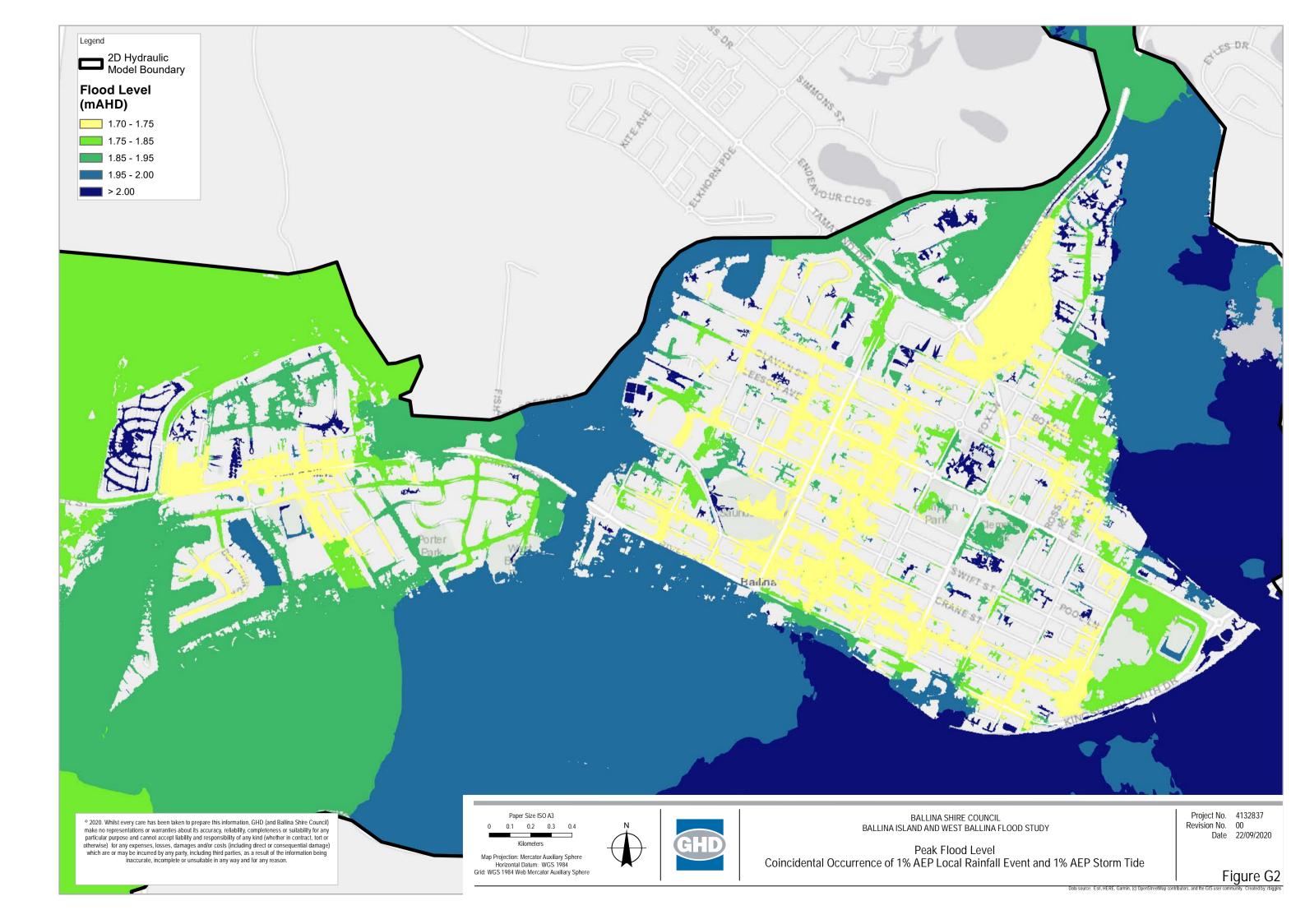


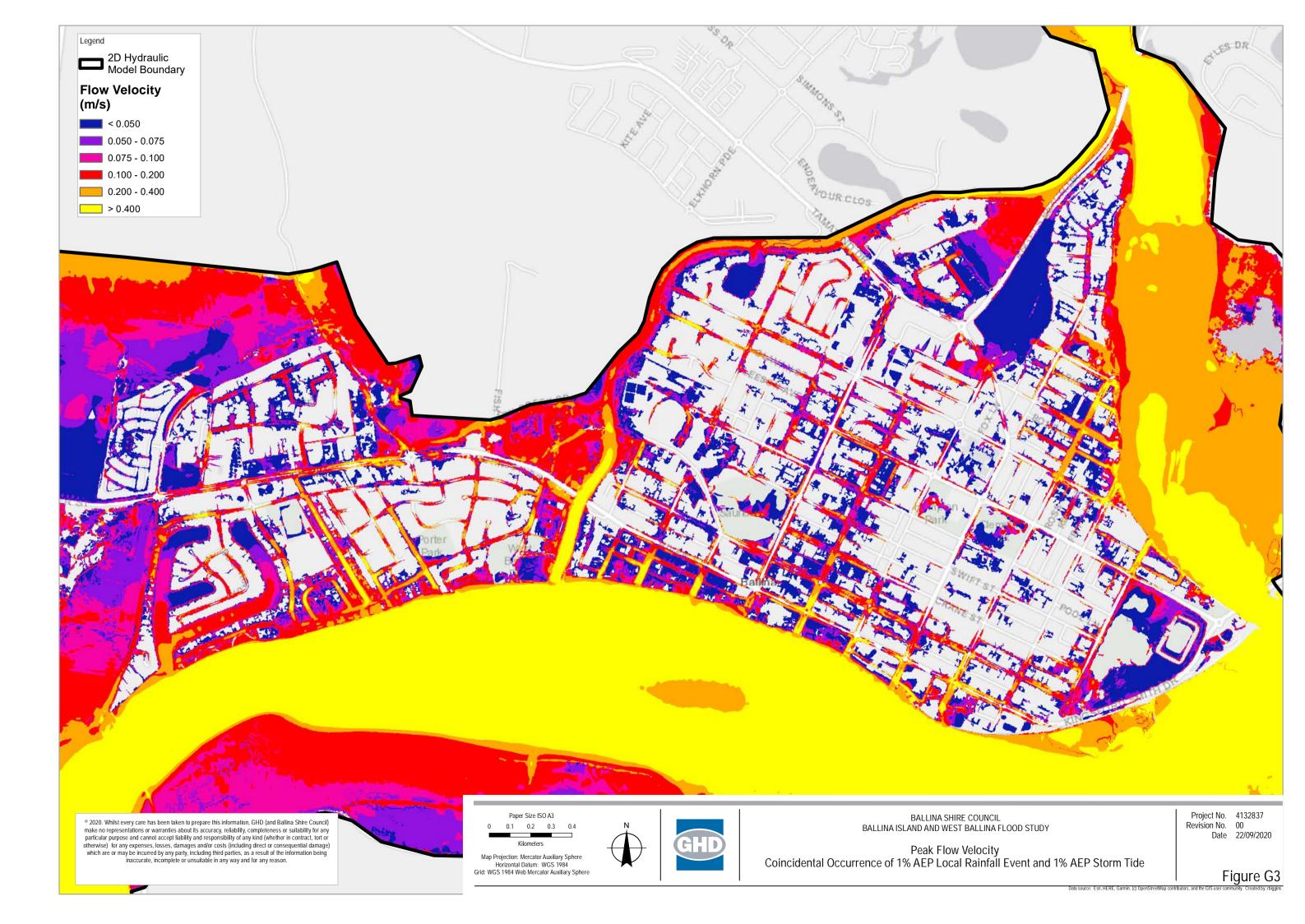


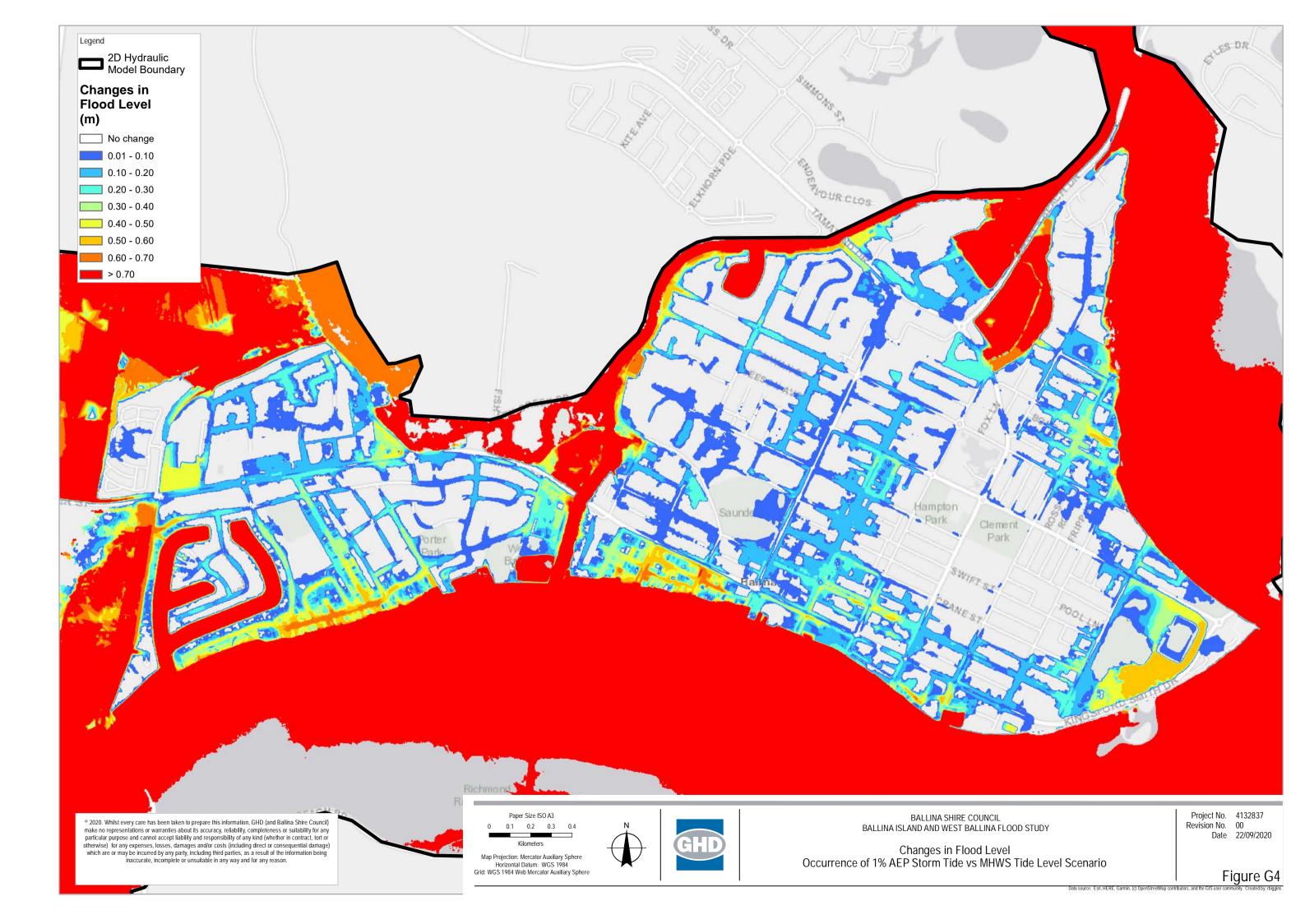
Appendix G – Flood maps – Coincidental occurrence of 1% local rainfall event and 1% AEP storm tide

Figure ID	Description	Flood event
G1	Peak Flood Depth	Coincidental Occurrence of 1% AEP Local Rainfall Event and 1% AEP Storm Tide
G2	Peak Flood Level	Coincidental Occurrence of 1% AEP Local Rainfall Event and 1% AEP Storm Tide
G3	Peak Flow Velocity	Coincidental Occurrence of 1% AEP Local Rainfall Event and 1% AEP Storm Tide
G4	Changes in Flood Level	Occurrence of 1% AEP Storm Tide vs MHWS Tide Level Scenario









Appendix H - Flooding hotspots

Flooding hotspot #1: Grant St

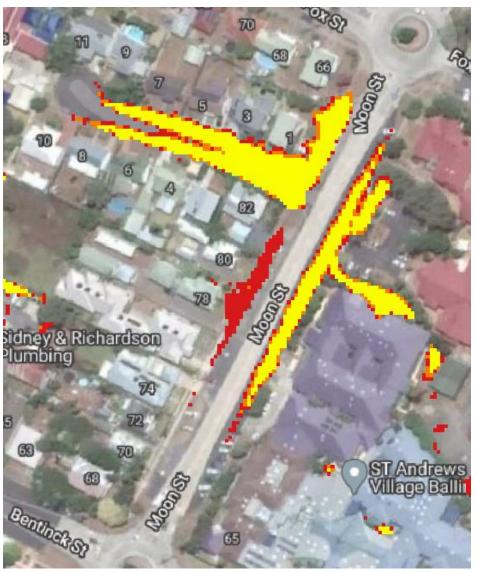


d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

■ d > 0.2 m in 1% AEP

Flooding hotspot #2: Moon St and Acacia PI



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #3: Russell St



- d > 0.2 m in 20% AEP
- d > 0.2 m in 5% AEP
- d > 0.2 m in 1% AEP

Flooding hotspot #4: TAFE NSW



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #5: Tamar St & Brunswick St



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #6: Newland St and Westland PI

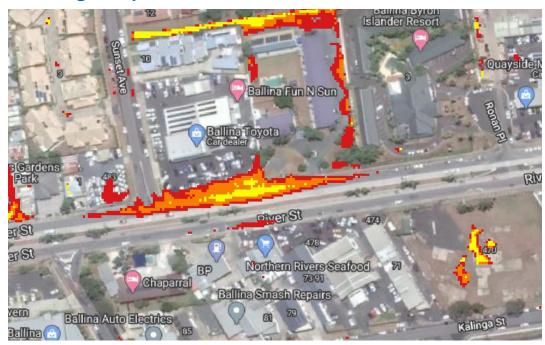


d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #7: River St



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #8: Kalinga St



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #9: Waterview Ct



d > 0.2 m in 20% AEP

d > 0.2 m in 5% AEP

d > 0.2 m in 1% AEP

Flooding hotspot #10: Kerr St



d > 0.2 m in 20% AEPd > 0.2 m in 5% AEPd > 0.2 m in 1% AEP

Flooding hotspot #11: Grant St and Tamar St



Area flooded by January 2018 King Tide with no local rainfall event

Flooding hotspot #12: Skinner St and Martin St



Area flooded by January 2018 King Tide with no local rainfall event

Flooding hotspot #13: Riverside Dr



Area flooded by January 2018 King Tide with no local rainfall event

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