

5 September 2025

Mr Michael Hogan
Senior Planning Consultant
Tasmanian Planning Commission
GPO Box 169
HOBART TAS 7001

BY EMAIL: tpc@planning.tas.gov.au

Dear Mr Hogan

Macquarie Point Multipurpose Stadium Project of State Significance

1. We continue to act for the Crown in the Right of Tasmania (**Proponent**) in relation to the above matter.
2. We refer to:
 - (a) the submission from the State Emergency Service (**SES**) dated 21 August 2025 (**SES Submission**);
 - (b) your email dated 29 August 2025 providing an opportunity to comment on the SES Submission;
 - (c) the letter from the SES to Macquarie Point Development Corporation (**MPDC**) dated 4 September 2025 (**SES Letter**), which is contained in **Annexure A** to this letter.
3. Following receipt of the SES Submission, the Proponent has engaged with the SES regarding the matters raised in the SES Submission. As part of this engagement, the Proponent and SES discussed material before the Tasmanian Planning Commission as well as more recent work prepared relevant to stormwater, flood risk and emergency response material, including:
 - (a) the following documents that were before the Tasmanian Planning Commission:
 - (i) Appendix S – Stormwater Management Plan prepared by BMT dated 26 August 2024;
 - (ii) Appendix U – Coastal Inundation Assessment prepared by BMT dated 23 August 2024;
 - (iii) Appendix W – Overland Flood Assessment prepared by BMT dated 23 August 2024;
 - (iv) Appendix Y – Heat Risk and Climate Change Assessment prepared by BMT dated 31 May 2024;
 - (v) Annexure T – Stormwater Management prepared by BMT dated 31 January 2025;

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- (vi) Annexure A – Stormwater Assessment prepared by Pitt & Sherry dated 8 May 2025; and
 - (b) the further work the Proponent has commissioned as part of the ongoing development process, including a detailed draft Flood Impact Assessment (**Flood Impact Assessment**) prepared by Pitt & Sherry dated 30 May 2025. The Flood Impact Assessment is contained in **Annexure B** to this letter.
- 4. As a result of the further engagement, MPDC received the SES Letter which in summary confirms that the SES:
 - (a) is satisfied that the additional material undertaken by the Proponent addresses the matters raised in the SES Submission; and
 - (b) supports the proposed permit conditions dated 31 July 2025 as they relate to flood and emergency management planning.
- 5. The Proponent considers the SES Letter satisfactorily addresses the matters raised in the SES Submission. Furthermore, the permit conditions dated 31 July 2025 will appropriately provide for stormwater design, flood and emergency management and planning.
- 6. The Proponent will continue to consult with SES and respond to any further queries.
- 7. If you have any further queries regarding the matters raised in this letter, please do not hesitate to contact us.

Yours faithfully

MinterEllison

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4 September 2025

Sam Wilson-Haffenden
Project Director
Macquarie Point Development Corporation
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HOBART TAS 7000

Via email: sam@macpoint.com

Dear Sam

MACQUARIE POINT MULTIPURPOSE STADIUM PROJECT OF STATE SIGNIFICANCE STORMWATER REPORTS

Thank you for providing an update in response to the information contained in the SES representation to the Tasmanian Planning Commission (TPC) on the Macquarie Point Multipurpose Stadium Stormwater Assessment report dated 8 May 2025.

SES notes the additional and ongoing comprehensive stormwater modelling and work being undertaken by the project team since the 8th of May report addresses the areas previously raised by SES.

SES notes that the TPC has published proposed permit conditions dated 31 July 2025 including conditions relating to the preparation of a Flood and Emergency Management Plan (D10) and stormwater management (Schedule 7). SES is supportive of the draft conditions relating to flood and emergency management planning and is able to participate in the planning processes as outlined in the draft permit conditions.

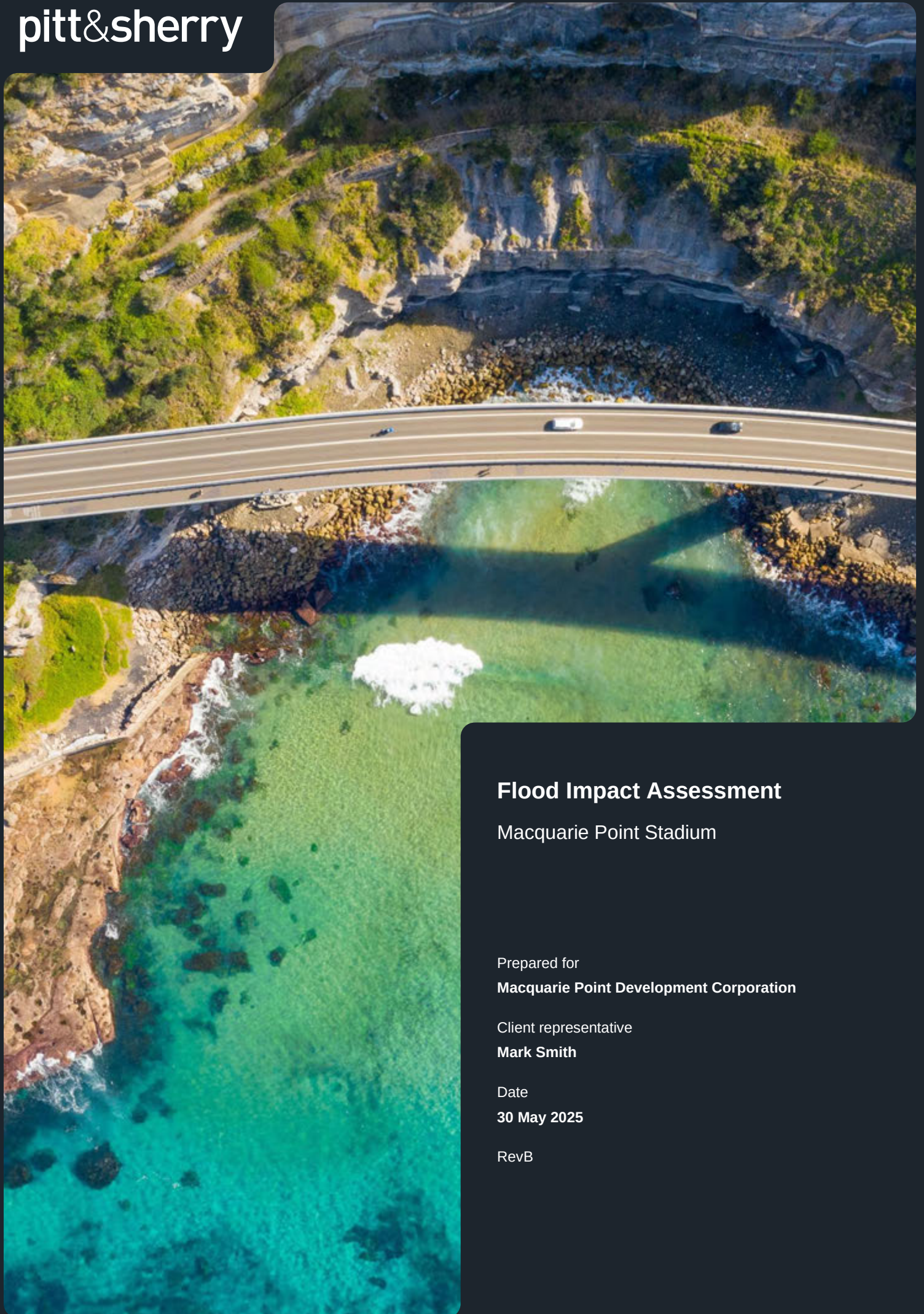
SES is also comfortable with the draft conditions relating to stormwater management noting that they have been prepared based on information provided by the City of Hobart.

If you have any questions on this matter or would like to discuss other flood and storm matters related to the proposal, please contact Mr Chris Irvine at chris.irvine@ses.tas.gov.au

Yours sincerely

A handwritten signature in black ink, consisting of several stylized, overlapping loops and a long horizontal stroke extending to the right.

Mick Lowe
EXECUTIVE DIRECTOR, SES AND VOLUNTEERS



Flood Impact Assessment

Macquarie Point Stadium

Prepared for
Macquarie Point Development Corporation

Client representative
Mark Smith

Date
30 May 2025

RevB

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Appendix A — Flood Maps

Prepared by — Josh Coates		Date —30 May 2025
Reviewed by — Stephen Masters		Date — 30 May 2025
Authorised by — Robert Casimaty		Date — 30 May 2025

Revision History					
Rev No.	Description	Prepared by	Reviewed by	Authorised by	Date
A	Draft Issue	JC			16 May 2025
B	Stage 2 Draft Issue	JC			30 May 2025

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Executive Summary

This report presents the outcomes of a flood impact assessment for the proposed Macquarie Point Stadium development in Hobart, Tasmania. The precinct includes a 23,000-seat multipurpose stadium and supporting infrastructure as part of a broader urban redevelopment strategy. The primary objective of this assessment is to evaluate the potential flood impacts of the proposed development and to inform appropriate stormwater management measures to ensure flood immunity and mitigate risks to adjacent areas.

A two-dimensional hydraulic model was developed using TUFLOW software to simulate overland flow and stormwater drainage across the site and beyond the boundary. Two existing condition scenarios were considered — pre-2020 and post-2020 — reflecting historical and current site topographies and drainage infrastructure. The models have accounted for local catchment runoff and included current and future climate change conditions based on 2100 projections (SSP3-7.0 for the 1% AEP event and SSP2-4.5 for the 10% AEP event). The two scenarios were chosen following discussions with City of Hobart regarding how the 2024 changes to Australian Rainfall and Runoff are likely to be implemented.

Three development options were assessed for the proposed stadium roof drainage system:

- Option 1: Discharges to the east and south, with stormwater infrastructure designed for the 1% AEP + climate change event
- Option 2: Discharges to the north and south, similarly sized for the 1% AEP + climate change event; and
- Option 3: Discharges to the east and south, with infrastructure sized only for the 10% AEP + climate change event.

Results indicate that Options 1 and 2 provide adequate capacity to manage major storm events without causing adverse flood impacts to surrounding areas. The piped connections are sized for the 1% AEP event and are able to provide 300mm freeboard prior to surcharging. Both options significantly improve local flood conditions by mitigating overland flow and reducing flood extents along Evans and Hunter Streets. In contrast, Option 3 results in overtopping and localised flooding of the stadium concourse in frequent storms. This would fail to meet the required flood immunity standards and thus is not recommended.

The draft permit conditions (May 2025) that are relevant for stormwater and flood management are detailed below. These were provided following the completion of flood modelling, although the proposed solution does achieve the conditions outlined below as the proposed solution is to convey the 1% AEP event + climate change with infrastructure upgrades. A future update will be required to confirm the final design is compliant with the final conditions. This is not a holistic list of all conditions:

- ENG 10 - All stormwater from the proposed development (including but not limited to: roofed areas, drains, and impervious surfaces such as driveways and paved areas) must be drained to a lawful point of discharge to the public stormwater system prior to occupancy or commencement of use (whichever occurs first)
- ENG 11 - Services (private sewer, stormwater (including surface drainage) and water services/connections) to each lot must be designed and installed to meet the needs of future development, prior to the sealing of the final plan
- SW 7 - Adequate stormwater infrastructure must be designed and constructed prior to occupancy, sealing of the final plan or the commencement of the approved use (whichever occurs first). Prior to the commencement of plumbing or structural works, detailed engineering drawings must be submitted and approved as a condition endorsement. The detailed engineering drawings must be certified by a suitably qualified and experienced civil engineer and must:
 1. Be substantially in accordance with the Local Government Association of Tasmania: Tasmanian Municipal Standard Drawings (the version which applies at the time the relevant works), as varied by the City of Hobart's published departures from those Drawings, and the Local Government Association of

Tasmania, Tasmanian Subdivision Guidelines (October 2013)

2. Clearly distinguish between public and private infrastructure, as at time of completion of the works, and in the future
3. Show in both plan and long-section the proposed stormwater infrastructure, including but not limited to, connections, flows, velocities, hydraulic grade lines, clearances, cover, gradients, sizing, material, pipe class, adequate working platforms around manholes, erosion control, easements and inspection openings
4. Show any existing redundant infrastructure be abandoned and removed at the owner's expense
5. Show safe overland flow paths through or from the site with no impact on third-party land
6. Include the associated calculations and catchment area plans. The stormwater system (including defined overland flow paths) must cater for all 1% AEP event flows as at 2100 (i.e. Including climate change loading) from a fully developed catchment. The main itself must be sized to accommodate at least the 5% AEP event flows from a fully-developed catchment with climate change load, or as otherwise approved by Council. Calculations must make provision for tailwater level and sea level rise; and
7. Include provision for future development within the catchment to be adequately and efficiently serviced.

All works must be carried out in accordance with the approved plans.

- SW 9 - Council's receiving infrastructure and the existing private shared stormwater infrastructure have limited receiving capacity.

A stormwater management report and design must be submitted and approved as a condition endorsement, prior to the commencement of plumbing or structural works. The stormwater management report and design must be prepared by a suitably qualified engineer and must:

1. Clearly detail catchment areas and runoff coefficients draining to each system (existing and proposed)
2. Demonstrate each existing or upgraded receiving system has receiving capacity for all 5% AEP events (including climate change loading), or as otherwise agreed by Council
3. Should any detention be required; include detailed design and supporting calculations of the detention showing:
 - a) Detention tank sizing such that there is no increase in flows from the developed site up to 5% AEP event and no worsening of flooding
 - b) The layout, the inlet and outlet (including long section), outlet size, overflow mechanism and invert level
 - c) The discharge rates and emptying times
 - d) All assumptions must be clearly stated; and
4. Include a supporting maintenance plan, which specifies the required maintenance measures to check and ensure the ongoing effective operation of all systems, such as: inspection frequency; cleanout procedures; descriptions and diagrams of how the installed systems operate; details of the life of assets and replacement requirements.

All detention, upgrade or new infrastructure must be installed prior to occupancy, sealing of the final plan or the commencement of the approved use (whichever occurs first). All work required by this condition must be undertaken and maintained in accordance with the approved stormwater management report and design.

1. Introduction

1.1 Proposed development

The Macquarie Point and Regatta Point area to the north east of Hobart's CBD is proposed to be transformed into a multi-use zone. The dominant development will be a 23,000 seat multi-purpose stadium to be used for sporting events as well as other events requiring large patron capacity. Surrounding the stadium the following developments are proposed:

- Complimentary Integrated Mixed Use Zone (CIMUZ)
- Antarctic Facilities Zone (AFZ); and
- Regatta Residential and Public Foreshore Zone (not part of this assessment).

The precinct requires a new road to be built from the north (Northern Road) and complimentary paved areas linking the various developments (Public Open Space, POS). Refer Figure 1 for a site master plan.



Figure 1: Proposed development plan

1.2 Purpose and format of this report

The scope of this flood impact assessment is to analyse and define local overland flood behaviour under the existing condition (prior to any proposed development) then compare that flood behaviour to what is expected to occur under a proposed development. This report expands upon the previous high-level assessment (termed Stage 1 assessment hereon in).

2. Stormwater Management

2.1 Existing Drainage System Overview

A review has been undertaken of the existing drainage system servicing the Macquarie Point Precinct. Figure 2 shows the key drainage infrastructure and proposed discharge points.

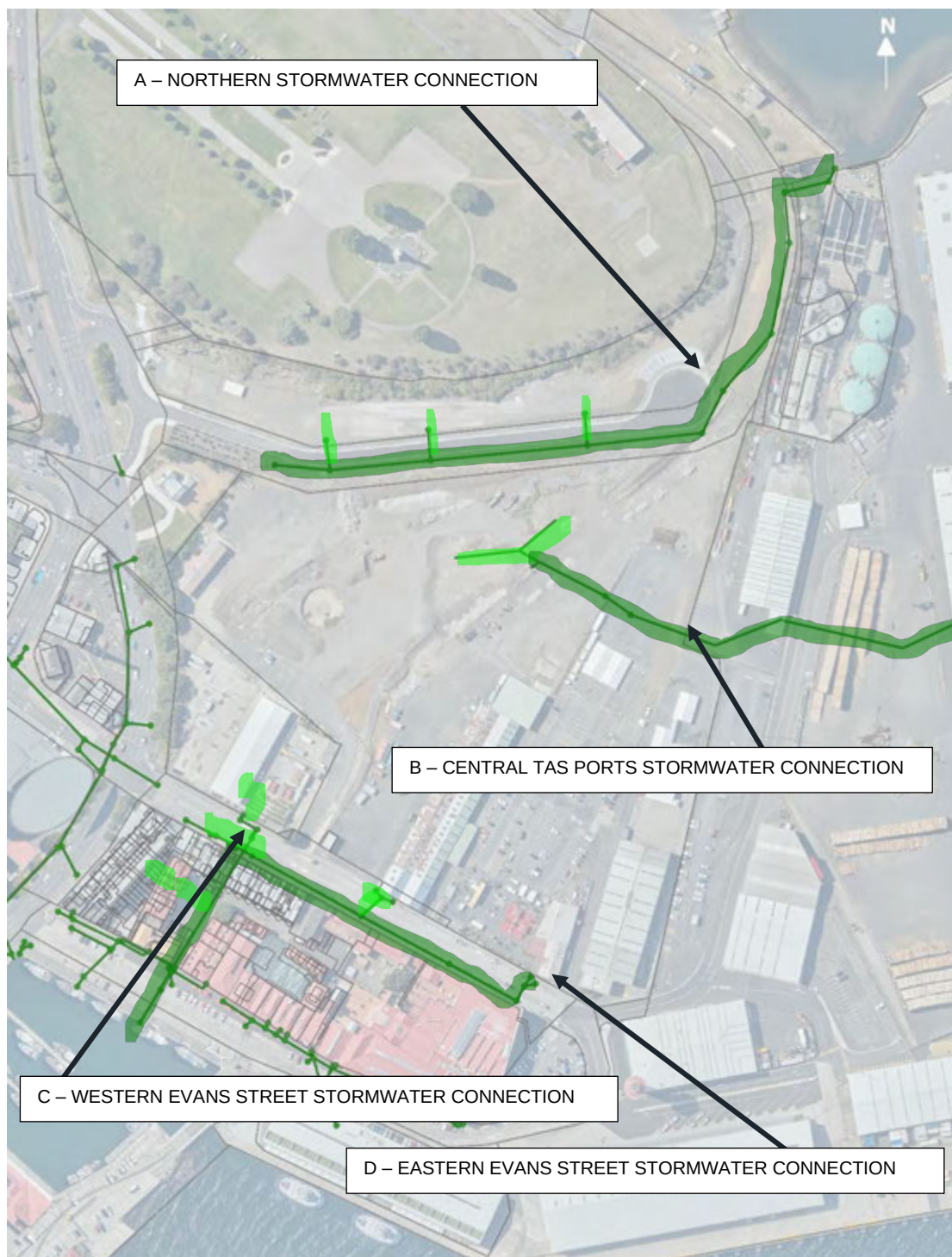


Figure 2: Existing Drainage System Servicing Macquarie Point

The site is known to be serviced by four stormwater connections. These are:

- A – Northern Stormwater Connection – comprising a DN750 stormwater connection, inclusive of a gross pollutant trap. The stormwater connection varies from DN300 at the most upstream end (west) to DN750 at the downstream end (east). This stormwater system (installed in 2020) services an existing road and was designed to service parts of a future development proposal in Macquarie Point. Much of the site south of this connection point is unable to drain to this line (elevation is lower than the invert of the stormwater pipe)
- B – Central TasPorts Connection – comprising an estimated DN450/DN525 stormwater connection
- C – Eastern Evans Street Connection – this is an existing drainage system that services buildings on Evans / Hunter Street, road areas and the existing development within the Macquarie Point Precinct (existing goods shed etc.); and
- D – Western Evans Street Connection - Includes Hobart Brewing Co and the Goods Shed. Stormwater from this location will ultimately drain to connection point C.

A hydrologic / hydraulic assessment has been carried out to determine flow rates being directed to these stormwater connections points and the resultant discharge. The results of this analysis were used to determine/inform the drainage approach for the stadium, i.e. determine how much stormwater from the stadium and associated concourse is able to be direct to stormwater connections.

2.2 Proposed Condition

A concept drainage design has been prepared for the proposed developed condition which directs stormwater to nominated discharge points. The internal site grading and drainage design has been included as part of the flood assessment. It is noted that the drainage design is being carried out by others and may be subject to change, however, the design adopted is considered suitable to assess flood impact and flood behaviour at the site.

The proposed condition is discussed in greater detail in Section 3.6.

3. Flood Impact Assessment

A 2D hydraulic model has been developed for the site in the flood modelling program TUFLOW. This enables flow paths to be mapped based on the existing terrain, which is important in this instance, as the site is generally very flat with various small depressions. The purpose of the model is to assess local stormwater drainage and overland flow originating at and adjacent to the Macquarie Point site.

The Stage 1 assessment included a high-level flood assessment to define the likely flood behaviour for the existing condition, however it did not include many of the features that affect flood behaviour such as the underground drainage system. On this basis the Stage 1 assessment is considered conservative.

This stage 2 assessment has modelled both existing and developed conditions in greater detail and included the assessment of several flood management options.

3.1 Previous Studies

3.1.1 Macquarie Point Overland Flood Assessment (BMT, 2024)

The Macquarie Point Overland Flood Assessment, conducted by BMT for the Macquarie Point Development Corporation, evaluates flood hazards for a proposed mixed-use precinct, including a 23,000-seat multipurpose stadium, at Macquarie Point, Sullivans Cove, Hobart.

The assessment utilised existing flood studies (e.g., Cardno 2019, Entura 2013) and a site-specific TUFLOW hydraulic model to analyse flood behaviour from the Hobart Rivulet. Key findings include:

- **Flood Risk:** The project site is largely free from inundation during modelled flood events, including current 5%, current 1%, and 1% Annual Exceedance Probability (AEP) with climate change scenarios. Minor inundation occurs south of the site along Hunter Street, with flood depths below 0.25 meters in 1% AEP events
- **Offsite Impacts:** Nearby roads, particularly Davey and Hunter Streets, experience flooding with depths up to 0.75 meters and high velocities (>5 m/s) at the Davey-Campbell Street intersection during 1% AEP events, driven by surcharging from the Hobart Rivulet's underground channel
- **Emergency Response:** The site's primary egress routes (Evans and Hunter Streets to Davey Street) remain flood-free, but the flash flooding's rapid onset limits warning time. Operations should cease during major flood warnings to prevent risks to occupants and vehicles. This would be considered standard practice for most low lying parts of Hobart; and
- **Conclusions:** Onsite flood risks are negligible, and offsite risks can be managed through standard local emergency service protocols. No public health impacts or onsite mitigation measures are required for overland flooding up to the 1% AEP with climate change event.

It is noted that this assessment only considered flooding originating from the Derwent River or the Hobart Rivulet. It did not include local overland originating from the site.

3.1.2 Macquarie Point Coastal Inundation Assessment (BMT, 2024)

The Macquarie Point Coastal Inundation Assessment (BMT, 2024), commissioned by the Macquarie Point Development Corporation, evaluates coastal inundation risks for the proposed development at Macquarie Point, Hobart, Tasmania. The report assesses tsunami, coastal water level, and wave-related hazards to inform resilient design strategies for the site.

The assessment outlines the site's coastal context near the Derwent River and the proposed development. It leverages prior studies and datasets, including topographic surveys, bathymetry from the Australian

Hydrographic Office, SeaMap Tasmania, and Geoscience Australia, to model inundation risks. Key Findings include:

- **Tsunami Assessment:** The study models tsunami inundation hazards, referencing Kain et al. (2018), identifying potential inundation zones in Hobart CBD and Sandy Bay with implications for Macquarie Point
- **Coastal Water Level Assessment:** The assessment evaluates present-day tides, sea level rise projections, future Highest Astronomical Tide (HAT) levels, and extreme sea levels. Coastal inundation hazard levels are defined relative to the Australian Height Datum (AHD) for various scenarios
- **Wave Assessment:** Using the SWAN spectral wave model, the report assesses extreme wind-driven waves (20-year and 100-year ARI) and long-term wave hindcasts (1987–2011)
- **Regatta Grounds Wave Overtopping:** A detailed analysis at the Regatta Grounds evaluates wave overtopping risks using an overtopping formula and limits. Simulations for generic structures, with and without mitigation, show reduced overtopping events with mitigation. General design principles to reduce overtopping are provided; and
- **Macquarie Wharf Considerations:** The report addresses tsunami effects, wharf elevation, freeboard and overtopping risks, offering design recommendations to mitigate coastal inundation.

The report concludes the following:

- City of Hobart considers land below 3.0m AHD83 as being at risk of coastal inundation. BMT have determined the 2100 1% AEP coastal inundation level to be 2.04m AHD83 with the addition of a 1.0m freeboard allowance.

Based on the assessment carried out, any land below 3.0m AHD is considered to be at risk of coastal inundation. This is the same level has been adopted for the flooding and drainage assessment.

3.2 Flood Modelling Methodology

To enable an impact assessment to be carried out, a baseline must be defined for which changes to flood behaviour can be benchmarked against. The following outlines the data, decisions and assumptions that form the existing case flood model.

- The model has been developed based on the guidance outlined in Australian Rainfall and Runoff 2019 (ARR19) and TUFLOW modelling guidelines
- The extent of the of the flood model is presented in Figure 6, a direct rainfall approach was applied directly to this extent. The red outline defines the extent of the flood model and includes relevant local surface areas upstream and downstream of the Macquarie Point site
- Two existing case terrain scenarios have been developed:
 - o One (existing 1) condition has been defined at the year 2010 which represents the site as it was at the end of its life as a rail infrastructure site and excludes the more recent alterations including the access road constructed
 - o Another existing scenario (existing 2) which is based on more recent site survey undertaken in 2024 (*VERIS 5/6/2024 – 306246 D01 R0 Macquarie Point (MGA2020 GRID)*) and includes the northern access road constructed and other alterations to the site that have occurred since 2010
- Per ARR2019 guidelines the existing condition rainfall depth obtained from the Bureau of Meteorology has been factored by 1.2 (2030-SSP5-8.5) to account for the increase in global temperatures since the data that informs the Bureau of Meteorology design rainfall was obtained. Refer to the discussion in Section 3.3
- Both the 10% AEP and 1% AEP events have been assessed. Storm durations from 5 minutes to 3-hours have been assessed with 10 temporal patterns analysed for each the storm duration per ARR19 guidelines. The two scenarios were chosen following discussions with City of Hobart regarding how the 2024 changes to Australian Rainfall and Runoff are likely to be implemented

- Surface types have been defined within the model to define both hydraulic roughness and storm losses. The roughness and loss values adopted are detailed in Table 1
- Buildings have been represented as a solid obstructions, however rainfall landing on them still contributes to surface flows
- Flows from the Hobart Rivulet have not been included in the flood model; and
- Development case scenarios have been modelled for multiple options see later sections.

3.3 Hydrologic Modelling

A direct rainfall (or rain-on-grid) hydrologic/hydraulic model has been adopted. An initial / continual loss model has been used where losses are defined on the material layer. The losses adopted are presented in Table 1.

Table 1: Initial and Continual Losses

ID	Surface Type (ID)	Areas	Initial Loss (mm)	Continuing Loss (mm/hr)
1	Roofs	Stadium & Future Development Buildings	0	0
1	Roads / Hardstand	Historical Rail Yards and Proposal Stadium Plaza	0	0
3	Gravel / road base	Existing Macquarie Point Site	0	0
4	Grass	Cenotaph and Culturally Informed Zone	10	2



Figure 3: Material Layer - Existing Condition



Figure 4: Material Layer - Developed Condition

The adopted design rainfall is based on the 2016 BoM IFDs. The appropriate IFD data used in conjunction with ARR2016 was derived from the BoM website based on the following geographical location data:

- Latitude: 42.87931 (S); and
- Longitude: 147.33762 (E).

Storm durations from 5 minutes to 3 hours were assessed. The range of durations selected considered the size, urban nature of the catchment and presence of large depressions.

The use of an ensemble of 10 temporal patterns is recommended in ARR2019 and was adopted for this assessment. The adopted temporal pattern for each storm duration in the context of this study is defined as the temporal pattern producing the first value exceeding the median peak level or depth (i.e., the 5th highest ranked value) from the ensemble of ten patterns at any given location. The adopted temporal pattern is referred to as the “median temporal pattern” for ease of reference.

The latest updates to Australian Rainfall and Runoff (Version 4.1) recognises that global temperatures have increased over the historical period used to derive design rainfall information (1961-1990) (refer to Figure 5). As global temperature increase there is a related increase in rainfall intensity, The design rainfall depths have been factored to best represent the current day. A factor of 1.2 has been adopted representing the design rainfall depths at the year 2030 which corresponds to the SSP5-8.5 pathway noting that at 2030 there is little deviation between pathways (see Figure 5).

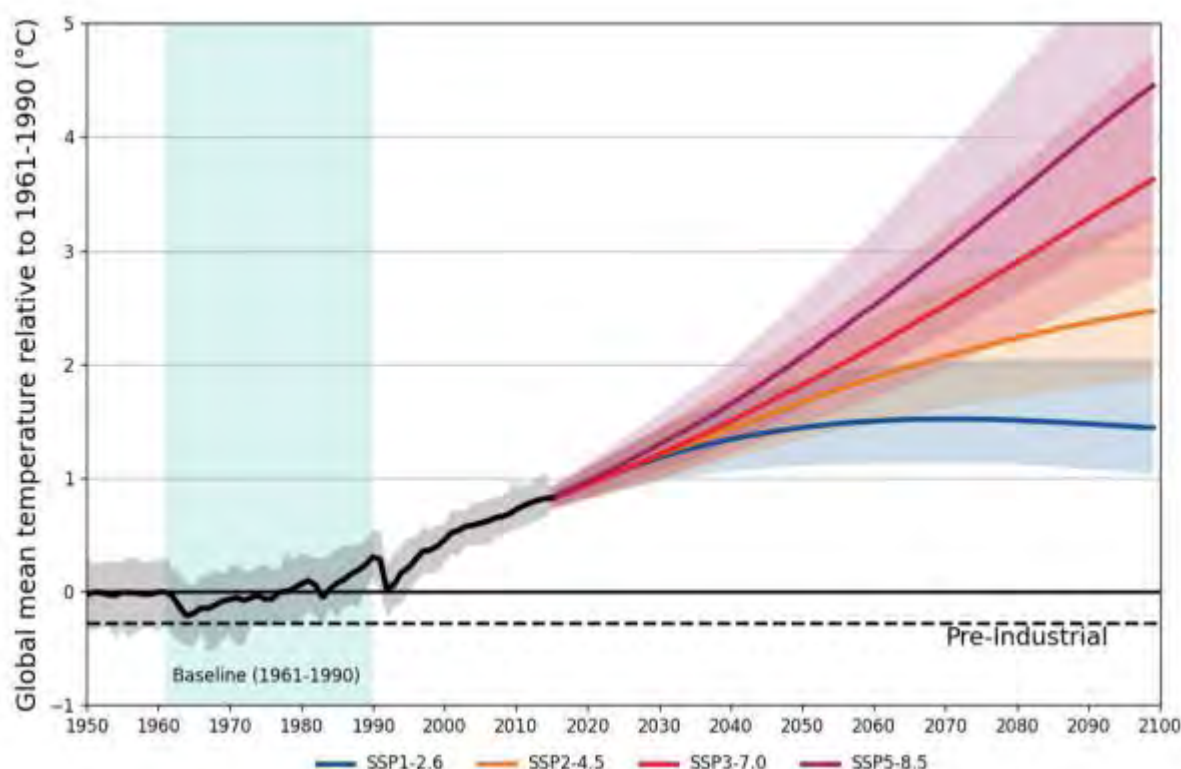


Figure 5: Projected temperature increase associated with AR6 socioeconomic pathway relative to 1961-1990 and their associated uncertainty (Figure 1.6.2 ARR, Book 1)

3.4 Hydraulic Modelling

3.4.1 Model Extents

The TUFLOW model extent has been defined based on the extent of local catchment which interacts with Macquarie Point site through to the downstream boundary (Derwent River). The 2D flood model extent is presented in Figure 6.



Figure 6: 2D Flood Model Extent (red)

3.4.2 Topography

The underlying base surface is based on a public LiDAR survey carried out in 2010. The base DEM is shown below.

The survey surface derived from survey 2024 (VERIS 5/6/2024 – 306246 D01 R0 Macquarie Point (MGA2020 GRID)) was cross checked against this and confirmed the LiDAR suitably matches the survey outside the site including Evans Street. This was carried through for both existing and developed cases to ensure surface continuity and to avoid surface interfacing issues

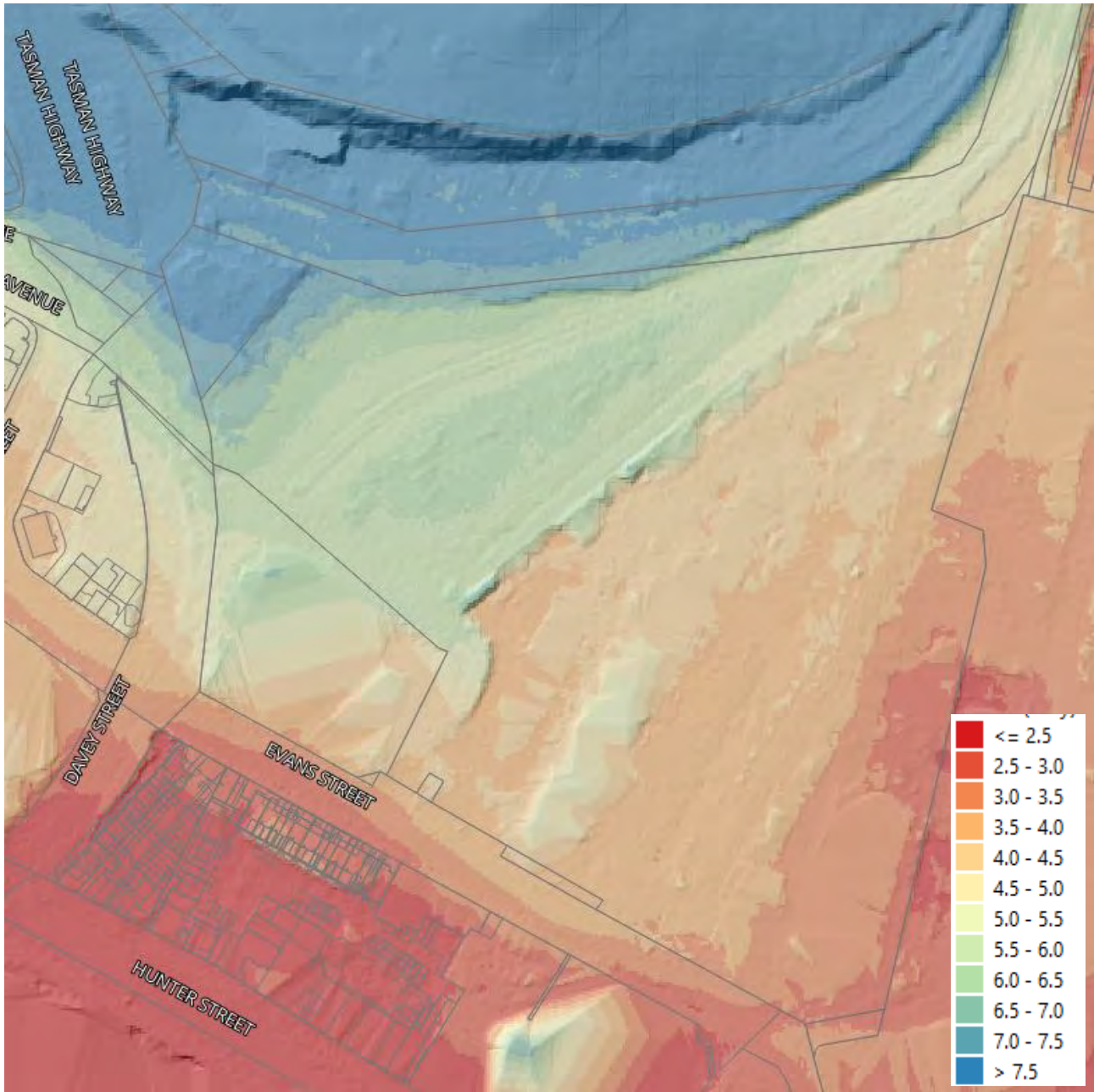


Figure 7: Model Base DEM from 2010 LiDAR (Existing condition 1)

3.4.3 Model Cell Size

A varied model cell size has been adopted, utilising the TUFLOW Quadtree module. A base grid cell size of 4m has been used with sub-grids of 2m and 1m adopted where additional detail is required.

3.4.4 Material Roughness

Table 2 presents the adopted Manning's 'n' roughness values. The material IDs are the same as those adopted for losses

Table 2: Manning's 'n'

Material ID	Surface Type (ID)	Manning's 'n'
1	Roads / Hardstand	0.02
1	Building Roofs	0.02
3	Gravel	0.03
4	Grass	0.045

3.4.5 Elevation Adjustments

Several adjustments to the elevation have been included utilising the TUFLOW Z_SHP function. Existing buildings have been raised to ensure flow is appropriately obstructed where buildings interact with flow paths. Building areas are still retained within the direct rainfall model as raised areas that contribute runoff to adjacent ground. Existing doors and roller doors were assumed to be an obstruction and clear overland flow paths have only been provided in the flood model through the driveways and open alleyways present between Hunter and Evans Streets.

The new roofs systems have been modelled with a Z_SHP create TIN points function which created a sloped surface in this case with a central drain to mimic the hydrologic function of the roof. The TUFLOW calculated flows off the roof were cross checked using the rational method and the values from the Stadium Roof Design to confirm peak outflows were suitable.

3.4.6 Piped Drainage System

Pits and pipes have been included in the flood model with an assumed Manning 'n' of 0.013 representing concrete pipe. Table 3 provides a summary of the key underground drainage systems that impact overland flow at or adjacent to the Macquarie Point Development site that have been included in the model. The source of the pipe data is:

- Site survey obtained in 2024 (VERIS 5/6/2024 – 306246 D01 R0 Macquarie Point (MGA2020 GRID))
- City of Hobart GIS data
- TasPorts historical drainage plans (Marine Board of Hobart – Sewerage, Stormwater and Watermains, March 1987); and
- Site inspections and interpretation of Historic Aerial Imagery.

Table 3: Existing Drainage System

ID	Location	Description / Image
1	Outlet of DN525/600 from Hunter Street	Site visit 17/5/24. measured outlet of pipe obvert approximately 1.8m below surface. Pipe sizes appeared to be DN600. Surface level from LiDAR is 1.9m AHD. As such adopted invert approx. -0.5m AHD. 
2	TasPorts Drainage	Stormwater pits and pipes within the TasPorts area have been defined based on a historical plan from 1987. This plan includes pipe sizes and invert levels of the drainage system. Where a pit has been clearly identified by either aerial imagery or a site inspection the pit and pipe network has been included. Generally pit and pipes that will serve a major function for overland flow collection have been included (i.e. sag pits and manholes). 

ID	Location	Description / Image
3	Davey Street Drainage System	Limited information was available for the Davey Street drainage system that services part of the western areas of the Macquarie Point site. The City of Hobart Asset data available at the time of this assessment did however include pipe size details. The approach assumed minimum cover (600mm) and minimum grade (1%) for this drainage network. This area of the network is considered less critical to the assessment. 
4	Hunter Street Drainage System	An additional 450mm pipe drains flow from a sag on Hunter Street. The start of this pipe is directly connected to a length of trench grate drain and has two 300mm connections also draining the sag area via grated pits. The 450mm pipe discharges below Mac 1. Invert levels on this line have not been confirmed. 

3.4.7 Boundary Conditions

2-D downstream boundaries are set along the model extent where overland flows leave the model. TUFLOW 2-D HQ boundaries are adopted with the stage discharge relationship determined by normal flow conditions, with flood slope (parameter b) approximated by local ground gradient crossing the model boundary. The downstream boundary for the majority of the subject area is open water and influenced by tide, the stagnant tidal tailwater levels adopted are shown in Table 4.

Table 4: Model Tidal Boundary Conditions

Year	Tailwater Level (m AHD)	Comments
2030	0.86m AHD	This level has been adopted for both the 10% AEP and 1% AEP
2100 (10% AEP)	1.93m AHD	This level has been adopted for the 10% AEP. This is based on the values adopted in <i>Appendix U – Coastal Inundation Assessment (BMT, 2024), Table 4.3</i> . This value is based on the 5% AEP coastal inundation level (surge and tidal).
2100 (1% AEP)	2.04m AHD	This level has been adopted for the 1% AEP. This is based on the values adopted in <i>Appendix U – Coastal Inundation Assessment (BMT, 2024), Table 4.3</i> . This value is based on the 1% AEP coastal inundation level (surge and tide).

The adopted boundary conditions provide a range of tailwaters to demonstrate how they may impact flood behaviour at the site.

3.4.8 Climate Change

As per discussions with City of Hobart the following design scenarios have been adopted for the analysis:

- For the 1% AEP climate change event, SSP3-7.0 scenario has been adopted. The year 2100 has been selected. As the climate change loading factor varies with storm duration, the rainfall input has been set such that the correct climate change loading factor is selected for the relevant storm duration. For reference, the sub-hourly loading factor is 1.66; and
- For the 10% AEP climate change event, the SSP2-4.5 scenario has been adopted, as per the 1% AEP, the year 2100 pathway has been selected and the same modelling approach adopted to ensure the correct factor is applied to each storm duration. For reference, the sub-hourly loading factor is 1.41.

3.4.9 Design Storms

Both existing cases have been run for the following scenarios:

- 10% AEP
- 10% AEP + Climate Change (CC)
- 1% AEP; and
- 1% AEP + Climate Change (CC).

For each AEP, numerous storm durations have been assessed. For each of the stormwater durations, ten temporal patterns have been assessed then the temporal pattern that produces the median result at each reporting cell is carried forward to be compiled into a final flood mapping result. This is per ARR2019 guidelines. The durations are listed below.

- 5-Minute
- 10-Minute
- 15-Minute
- 20-Minute
- 30-Minute
- 45-Minute
- 1-Hour
- 1.5-Hour
- 2-Hour; and
- 3-Hour.

3.5 Existing Condition Modelling

The Macquarie Point site has been subject to change over recent years. Changes to road and ground levels through the site have occurred. To ensure a holistic comparison is undertaken to compare the stadium design to an existing case, two (2) existing case scenarios have been defined. These are:

- Existing Condition 1: pre-2020 access road construction and based upon LiDAR from 2010; and
- Existing Condition 2: post-2020 access road construction. Includes the addition of the northern access road and a drainage system responsible for drainage northern portions of the Macquarie point site.

Figure 9 and Figure 8 shows the difference between the two existing case scenarios. The key differences are change to ground levels and additional drainage infrastructure in the post 2020 scenario.



Figure 8: Existing Condition 1: Surface and Pipes



Figure 9: Existing Condition 2: Surface and Pipes

3.5.1 Model Results

The following flood maps have been prepared. A full suite of flood mapping outputs has been included in Appendix A.

- Peak Flood Depth
- Peak Water Surface Level
- Peak Velocity
- Peak Hazard; and
- Change in Water Level (afflux).

Based on the assessment carried out, storm durations between 10 minutes and 45 minutes are generally critical to most areas in the existing and development case with a trapped sag within the TasPorts area (abutting the site) showing the 3-hour duration to be critical for existing cases and less than 90-minutes for each developed case.

Existing Condition 1

Figure 10 shows how the critical storm duration varies across the model domain and Figure 11 provides a description of the flood behaviour under current conditions for the 1% AEP with Climate Change. With the following notable features:

- The old rail lines divert overland flow including cenotaph runoff southwest towards Davey Street generally with pits along the way diverting flow south east to an existing 450mm pipe through TasPorts. Spill from these flow paths also migrates south through the site towards Evans Street and also across to TasPorts on the eastern boundary
- The overland spill and site generated runoff heading towards Evans Street overwhelms existing drainage infrastructure within the site and migrates overland across the boundary to Evans Street. It generally crosses in two areas:
 - o South western area, where water ponds over a series of grated pits in a sag. These pits connect via several pipes to a 525mm pipe that conveys water under buildings adjacent to Evans Street. If the sag is filled, flow would eventually migrate through a driveway on Evans Street heading south
 - o South eastern area, where water spills to a small sag adjacent to the corner of a building on Evans Street, water spilling from this sag then drains south adjacent to buildings and then west along the buildings on Hunter Street to another sag
- The flow arriving at the Hunter Street sag is drained by a series of pits and extensive trench grate connected to a 450mm line discharging under Macq 1. Flow is shown to exceed the capacity of this line then spills further west; and
- Another flow path is present on the TasPorts site. A major sag is present with only limited pits located within the sag to drain it. The sag is shown to fill gradually with longer storms eventually filling the sag and the overflow migrating across Evans Street to join the flow path along the eastern side of the buildings between Evans and Hunter Streets.

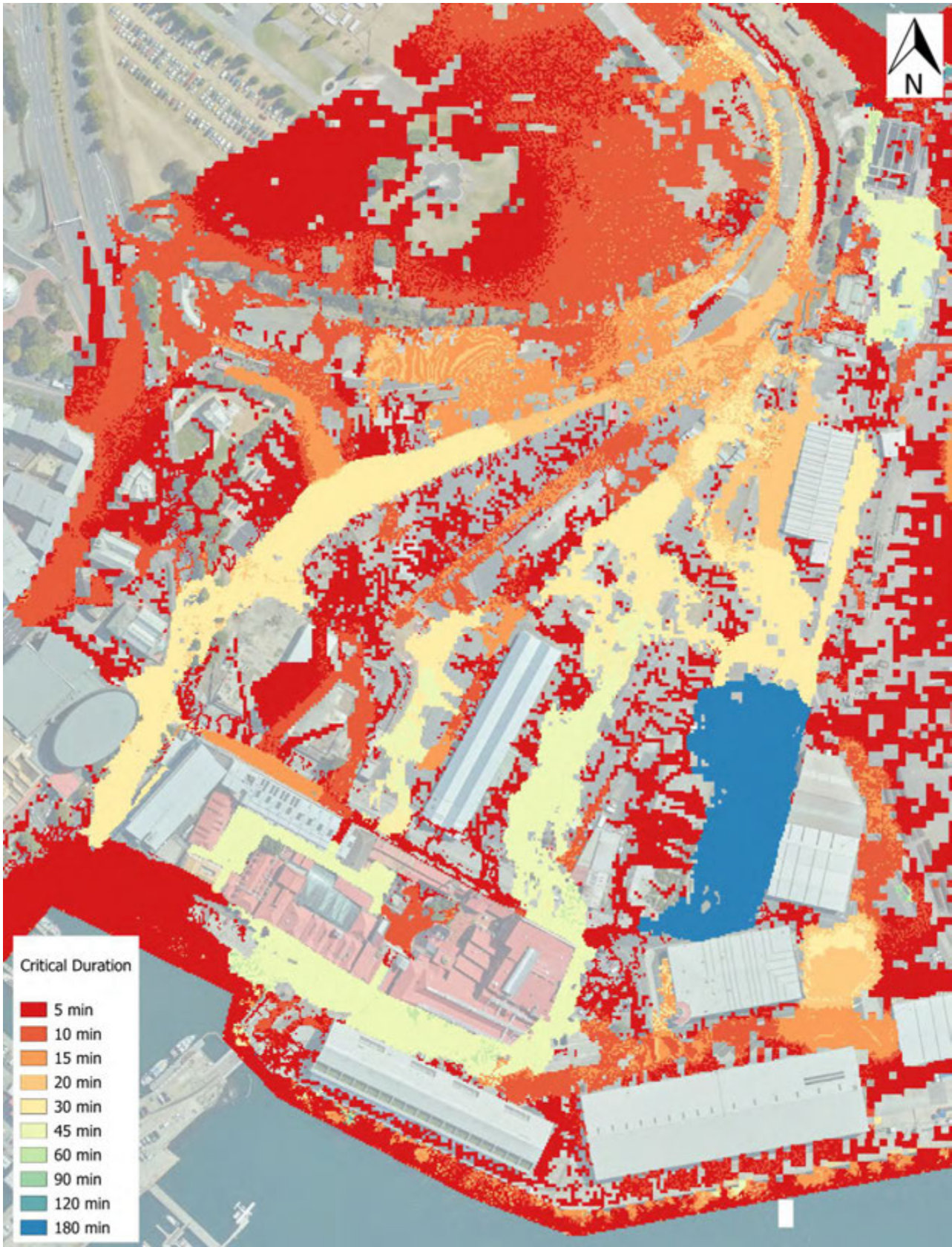


Figure 10: 1% AEP Existing Condition 1 - Critical Duration

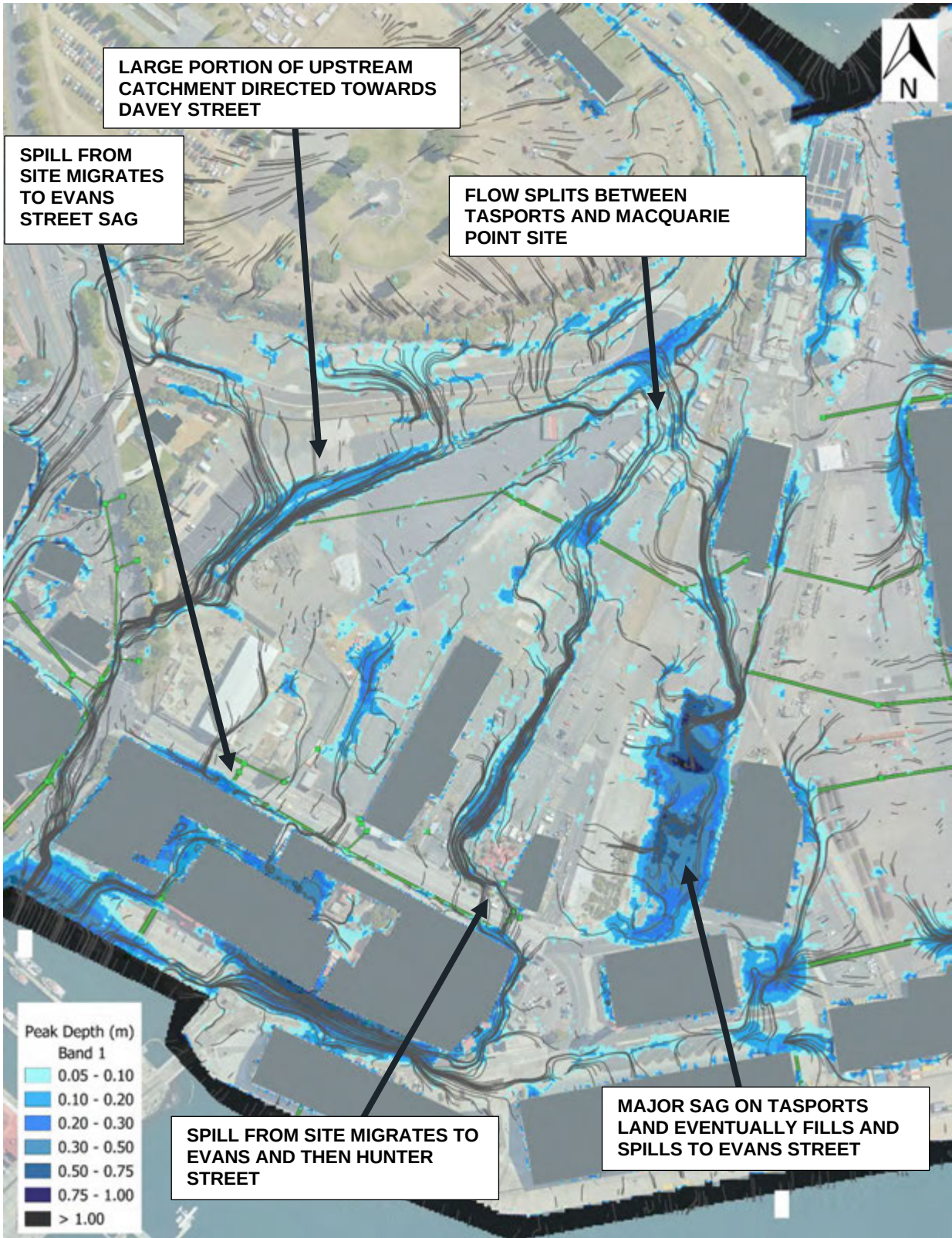


Figure 11: 1% AEP 2100-SSP3-7 Peak Flood Depth - Existing Condition 1 (modelled pipes shown in green)

Existing Condition 2

Figure 12 provides a description of the flood behaviour under current conditions for the 1% AEP with Climate Change. With the following notable features:

All existing stormwater pipes discharging to the wharf are impacted by the tailwater (tide) level. With the assumed future 2100 tidal tailwater, the pipe system capacity drops as the hydraulic grade available flattens. The existing sag point ground levels on Hunter Street sit barely above the future tidal levels.

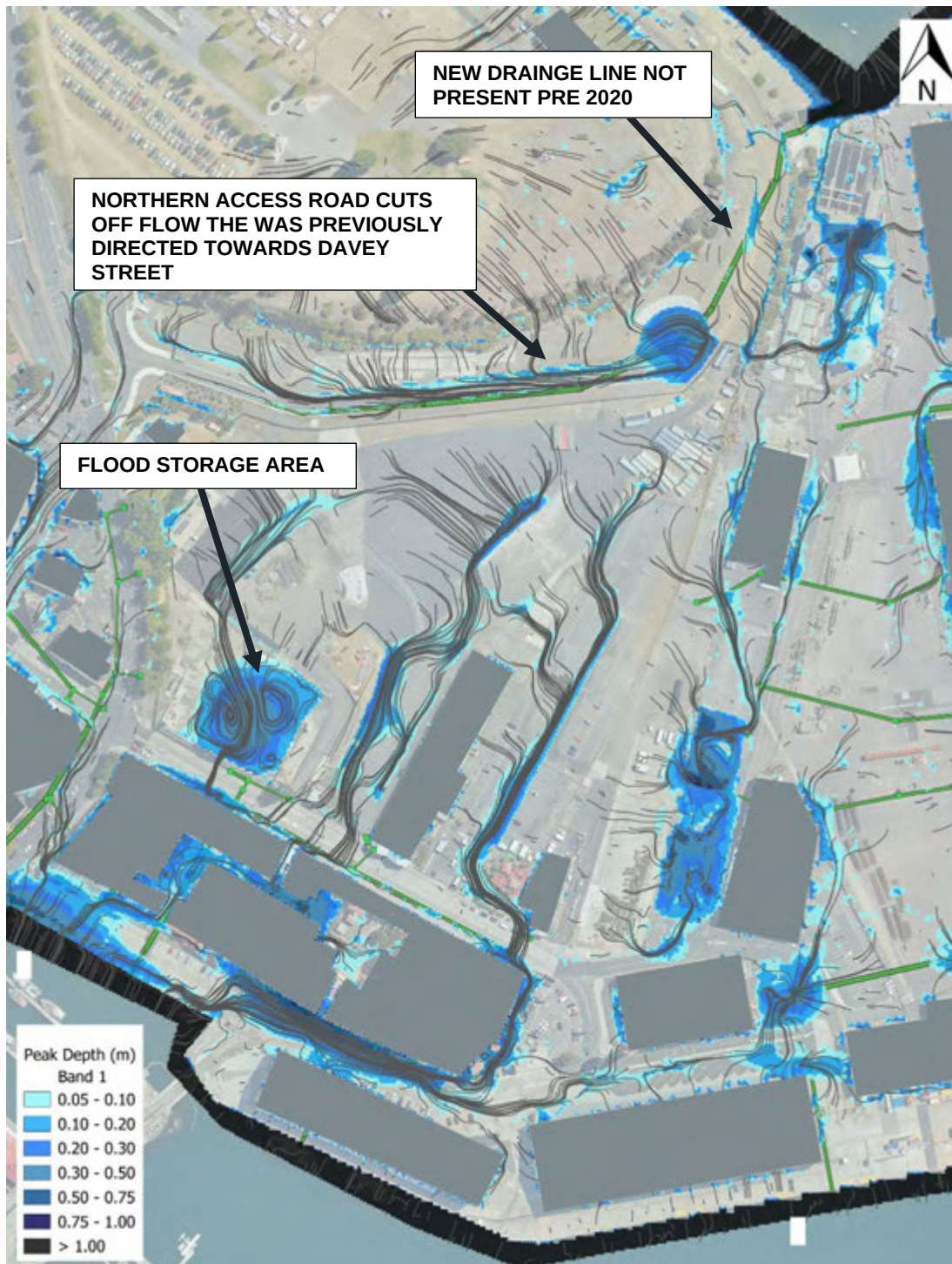


Figure 12: 1% AEP 2100-SSP3-7 Peak Flood Depth - Existing Condition 2 (modelled pipes shown in green)

3.6 Proposed Condition Modelling

The existing case flood model was updated to reflect changes to the site as a result of the proposed Macquarie Point Precinct development.

The proposed case TUFLOW model has been developed from the base case model. The post precinct/stadium development case hydraulic model is generally the same as the base-case with the following adjustments:

- The proposed civil surface was incorporated into the DEM to represent the design surface. The new surface is shown in Figure 15
- Modification of the surface to account for the roofs
- Removal of some sections of the existing piped drainage network, and addition of the drainage design pipelines
- Modification of the material roughness to account for the change in surface; and
- No changes have been applied to the new Northern Access Road as the design for this location is yet to be confirmed. As such results have been omitted at this location.

One of the critical piped stormwater connections is flow generated from the stadium roof area. The design of this system is a siphonic drainage system. Based on discussion with the roof drainage system designer, there are two outflow locations proposed. One to the east and another at the south-east.

There are several options for the ultimate connection points for these discharges external to the site. The roof drainage in the flood model has been simplified to two connection pits/nodes connecting to a network downstream. As discussed, validation of the TUFLOW outflows from the roof confirmed a sensible magnitude was being modelled consistent with the specific roof drainage model outputs.

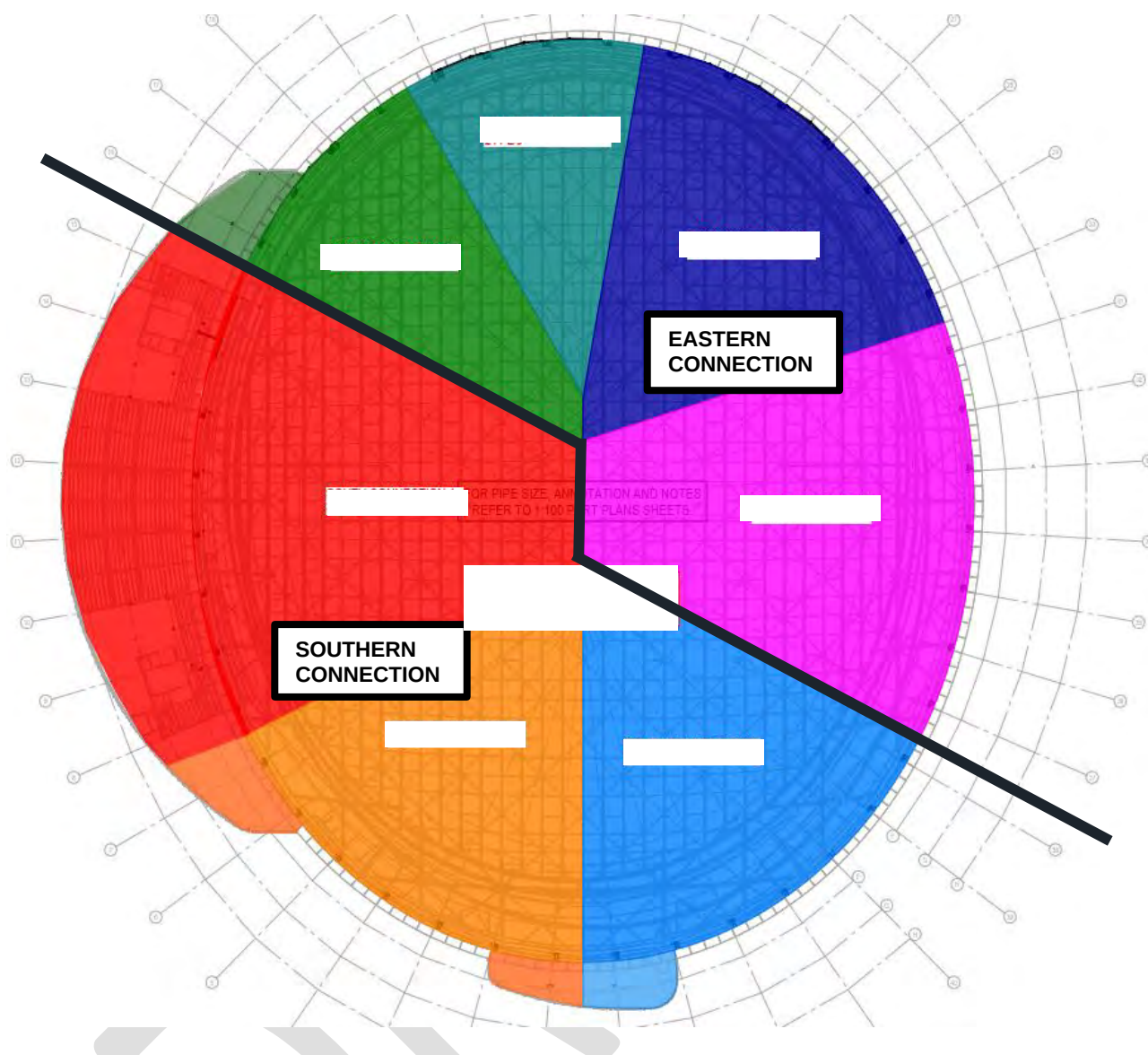


Figure 13: Stadium Siphonic Roof Drainage Catchments

The eastern roof catchments are drained to a 500kL tank located below the eastern stand between Grid 31 and Grid 32. The expected peak flow from the eastern roof for the major 1% AEP climate change event is 950 l/s. The roof drainage has been designed to capture the 1% AEP event + climate change. As such, it can be assumed that the 1% AEP event will be directed to the piped drainage system / plaza.

The overflow pipe from the tank is currently nominated at IL 6.1m AHD. A range of options exist for managing the 1% AEP event across to the River Derwent. Most of these options will require a piped network to the outfall. Options identified include:

1. To the east via a new gravity pipes through TasPort's land (piped to outfall)
2. To northeast via. new gravity pipes and / or siphonic system through carpark and or service corridor to the Hobart Rivulet outfall (piped to outfall)
3. To northeast via. new pipe routed under northern access road and then under open drains to Hobart Rivulet outfall (piped to outfall)
4. To northeast via. new mined tunnel direct to Rivulet (piped to outfall)

5. To northeast via. new diversion valves in the siphonic system. The aim of the valves is to redirect overflow water when the main tank is full at an overflow point that can be positioned above Level 1, so that the flows can be routed into the open drain along base of the escarpment. Piped infrastructure is expected to be required to capture flows at the sag in Northern Access Road so to not flood TasWater and TasPorts land and connect flows to the Rivulet. (partially piped network). This solution may not be possible due to capacity of drainage infrastructure associated with Northern Access Road; and
6. To southeast via. pipe network below Gate 1 Plaza. Flow would join southern roof catchments at the proposed new pit south of new Evans Street sewer.

The expected flow from the southern portion of the roof for the major 1% AEP climate change event is 960 l/s.

Within the hydraulic model, a total of three (3) design options have been assessed which generally cover options identified above. All options assessed assume that the roof will be split into two connection points. The options analysed are:

- **Option 1:** Stadium roof drainage connection to the East and South. Connections and pipes to coastal outfall sized for the 1% AEP plus climate change event. Noted is "Dev2" within the flood model
- **Option 2:** Stadium roof drainage connection to the North and South. Connections and pipes to coastal outfall sized for the 1% AEP plus climate change event. Noted is "Dev" within the flood model; and
- **Option 3:** Stadium roof drainage connection to the East and South. Southern connection and pipe to coastal outfall sized for 10% AEP plus climate change. Eastern connection to existing 450mm pipe and excess flow generated will be directed overland. Noted is "Dev1" within the flood model.

The following changes are relevant for each option assessed:

- Inclusion of the stadium roof as a raised impervious surface (direction of flow varies for each option assessment below).
- Inclusion of buildings on the eastern and northern side of the site
- Inclusion of the proposed drainage design associated with the plaza areas.
- Under all scenarios assessed, the western landscaped area, as well as the practice wicket will be connected to an existing drainage line on at the north-eastern end of Evans Street. Refer to Figure 14 for details; and
- Inclusion of the proposed site surface. Figure 15 presents the proposed civil design of the plaza area, interfaced with the existing LiDAR surface.

A full suite of figures has been included in Appendix A, excerpts from this figure set have been provided below to provide commentary on how each option performs with respect to flood behaviour and flood impact.

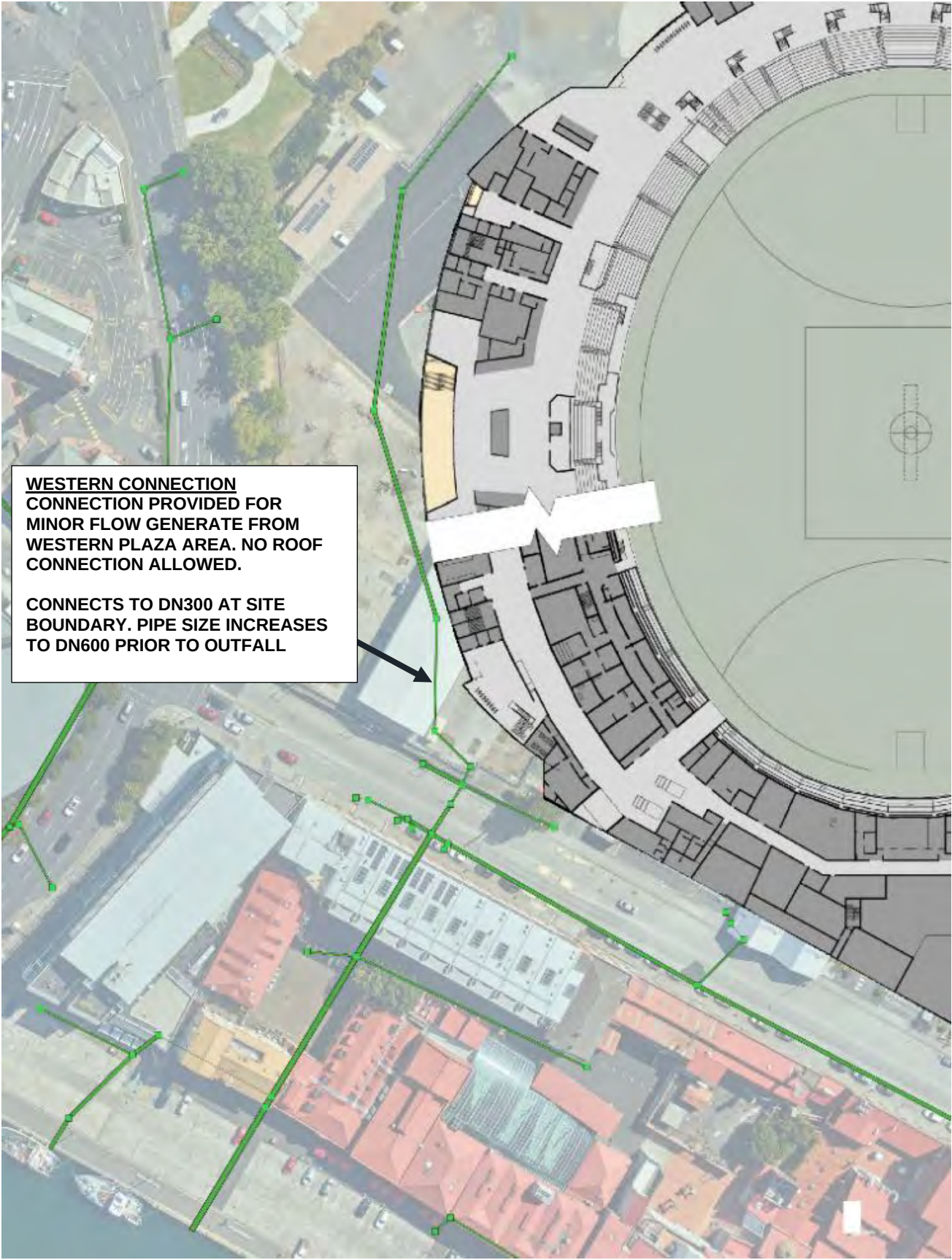


Figure 14: Western drainage connection relevant for all options assessed

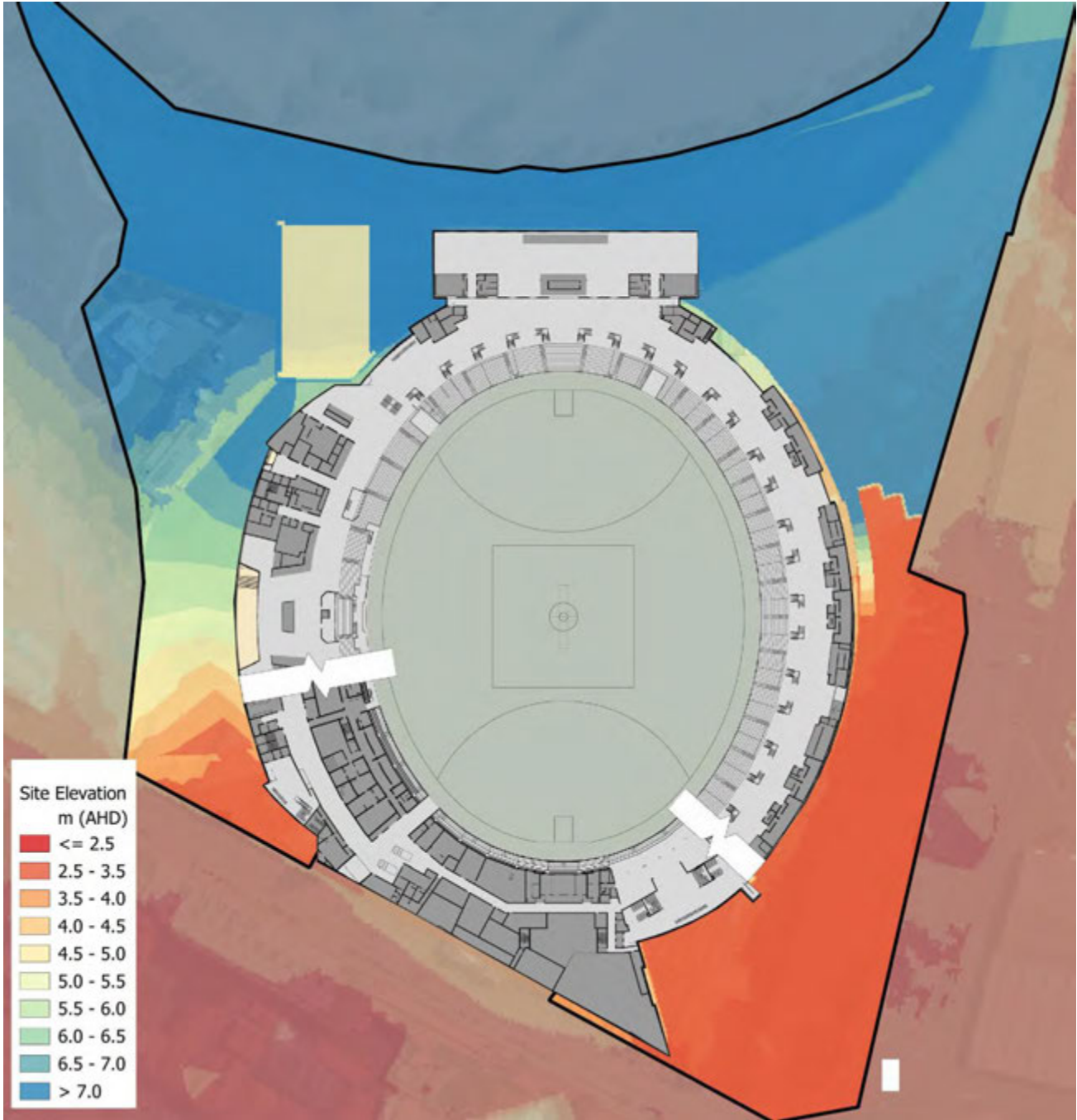


Figure 15: Proposed Case Civil Design Surface Levels (Plaza)

At the time of preparing this assessment, the validity of the results in the vicinity of the northern access road are limited due to unknowns associated with the north access road design. As such any results in this location have been removed for clarity.

3.6.1 Option 1 – East and South 1% AEP + CC (Dev2)

This option aims to provide stormwater connection for the roof at two locations. One through the east and another towards the south. Both of these connections have been sized to cater for the 1% AEP + CC, primarily to cater for flow generated from the roof whilst also provide capacity for plaza areas to connect to. Figure 16 shows the locations of these connections.

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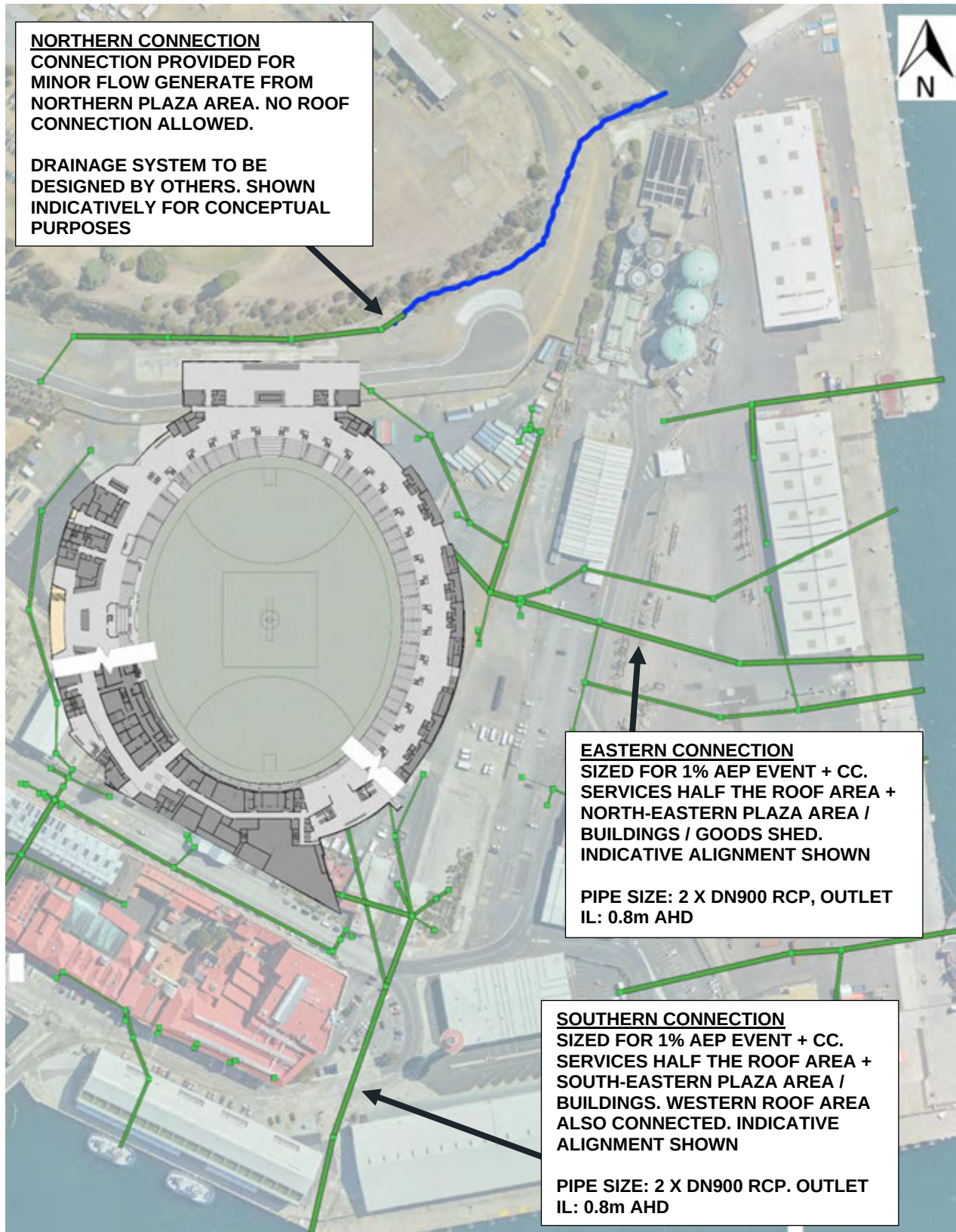


Figure 16: Option 1 - Drainage Layout

Results

For the 1% AEP + CC event, the connections provided at the east and south are able to convey flow generated from the roof and plaza/building areas. This approach ensures minimal overland flow from large catchment areas such as the stadium roof do not result in overland flow. The peak water level (hydraulic grade line) within the pipe system is responsible for draining the northeastern plaza areas and part of the roof is 2.6m AHD, as such, over 300mm of freeboard has been provided on the primary line and water does not discharge overland in the 1% AEP event. Given the high tail water levels included in the model, head losses have the potential to impact the capacity of the drainage system. The model does show some water adjacent to the site although this is site drainage and operating as intended

The 2 x DN900 outlet pipes have approximately the same hydraulic grade available from the site to the coastal outfall and thus likely to have a similar capacity. The size of the outlet pipes is subject to detailed design and updated hydraulic analysis.

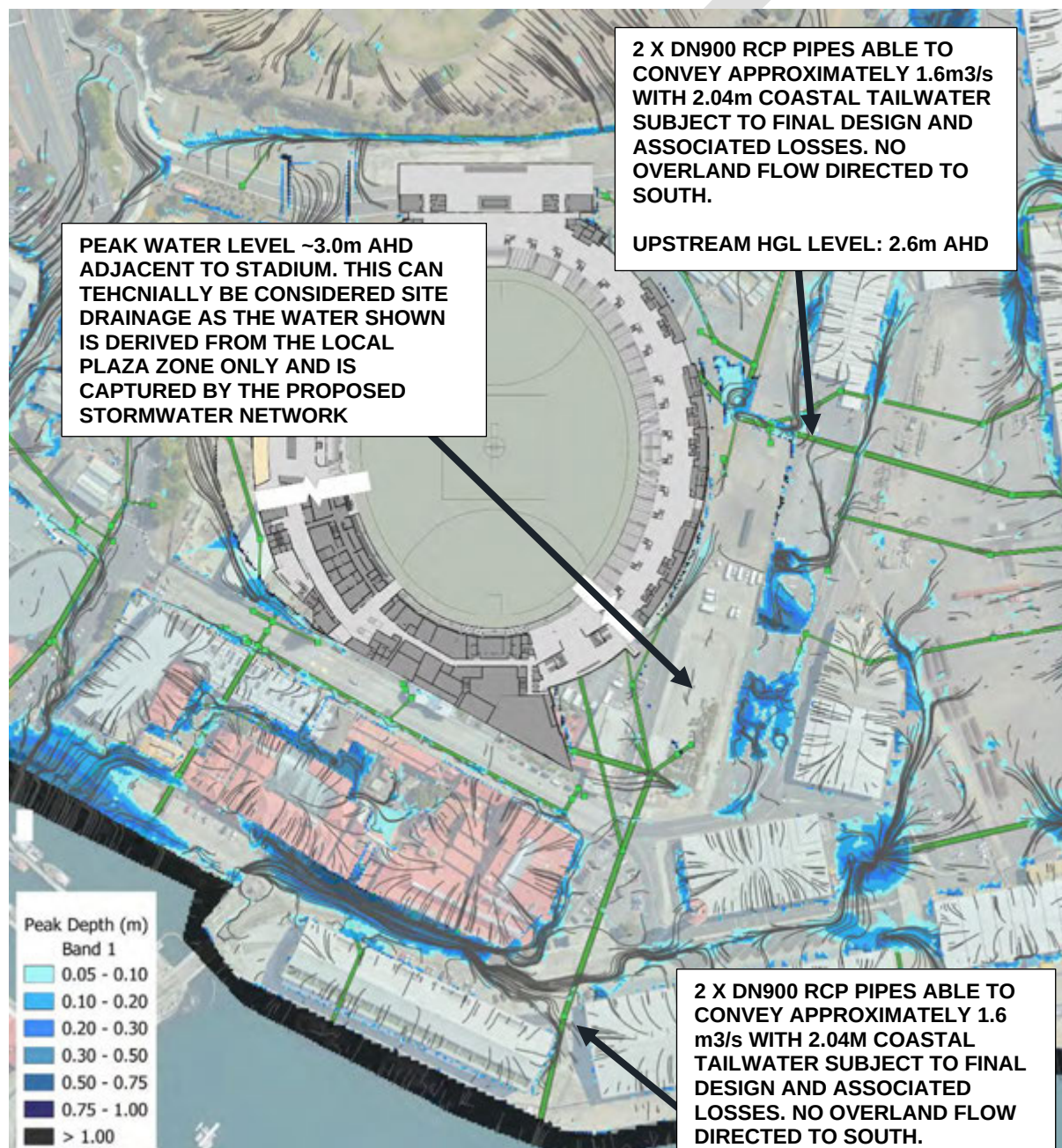


Figure 17: Option 1 - 1% AEP + CC - Peak Flood Depth

The water level difference plot in Figure 18 shows the proposed stadium (option 1) compared to the existing condition 1 (pre 2020). The difference plot for existing condition 2 (post 2020) is available in Appendix A.

The maps show changes of flood behaviour within the site. This is caused by large changes to ground levels within the site. The relevant changes are only those external to the site.

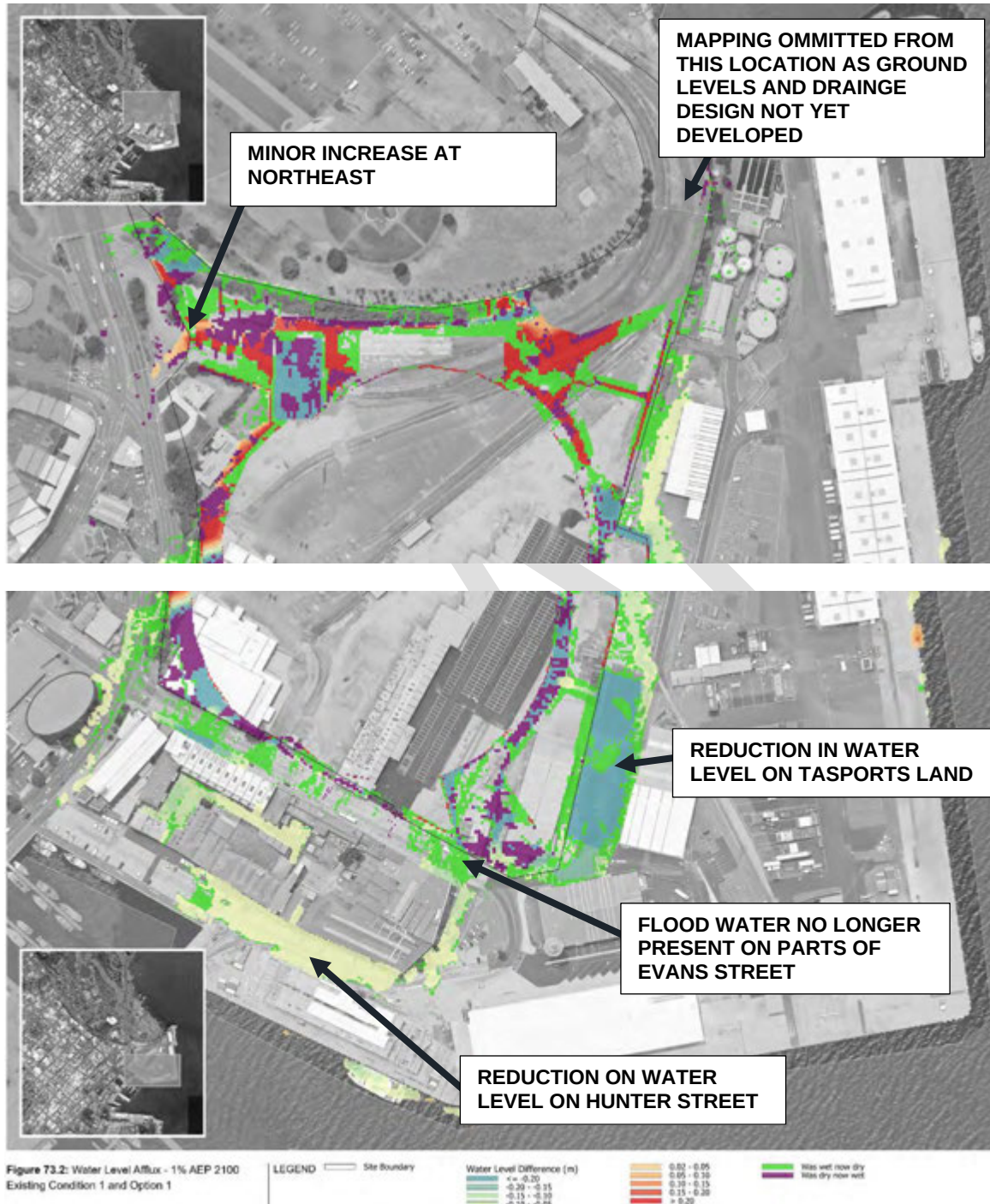


Figure 18: Option 1 - 1% AEP + CC - Afflux (Existing 1 vs Option 1)

3.6.2 Option 2 – North and South 1% AEP + CC

This option aims to provide stormwater connection for the roof at two locations. One through the north and another towards the south. Both connections have been sized to cater for the 1% AEP + CC, primarily to cater for flow generated from the roof whilst also provide capacity for plaza areas to connect to. The northern connection point will drain towards the new northern access road which is currently being designed by others. The model has included a channel to convey water towards the Derwent River; however, this will need to be incorporated into road design as a mixture of channel and piped drainage. Figure 19 shows the locations of these connections.

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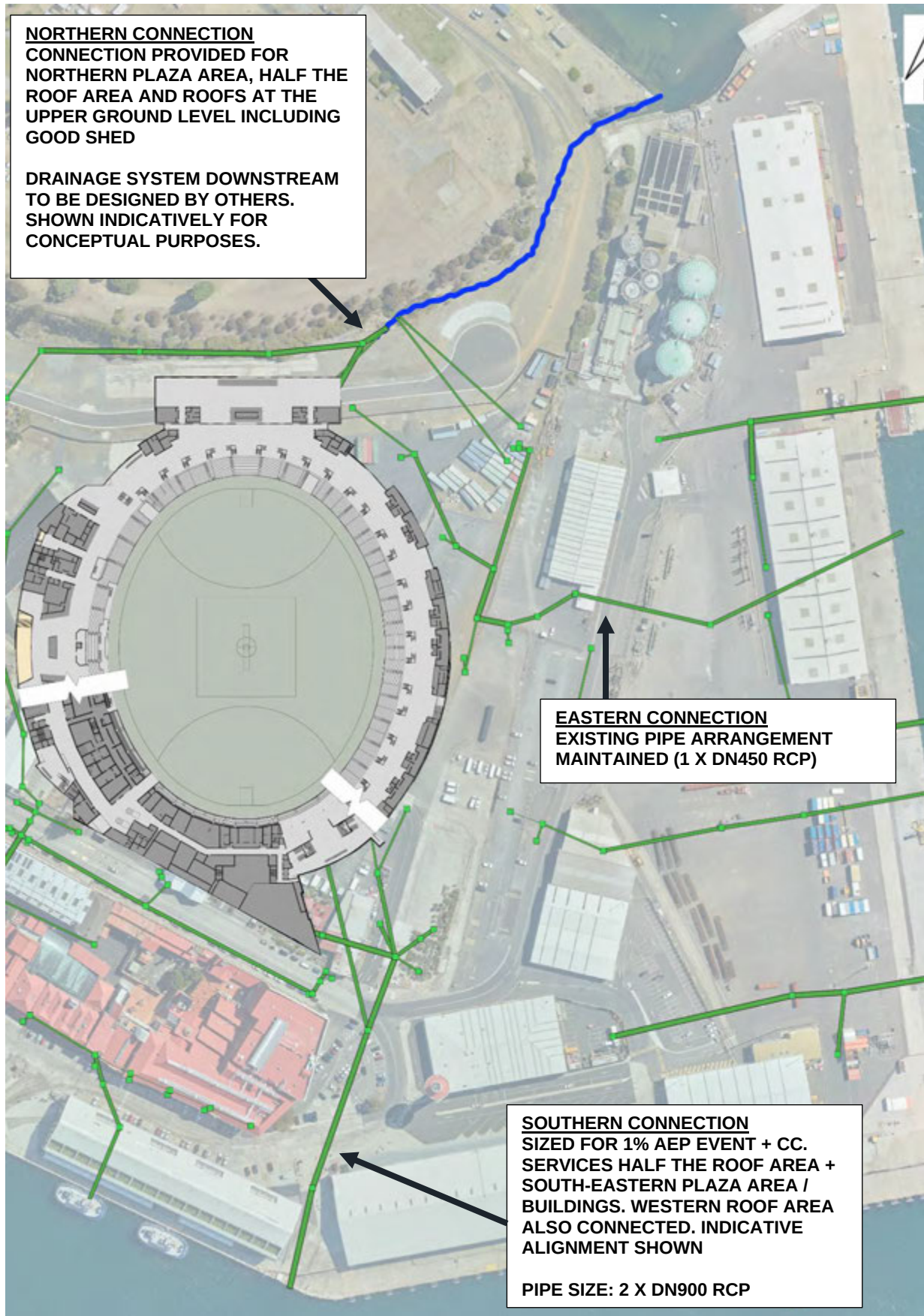


Figure 19: Option 2 - Drainage Layout

The resulting flood behaviour for Option 2 is similar to Option 1. The same principle of providing a solution that provides capacity for the 1% AEP + CC event applies to both options, flow is just directed to a different coastal outfall location. The modelling suggests that both Option 1 and Option 2 are able to provide a favourable outcome with respect to a complying stadium design and a positive improvement with respect to change in flood behaviour on the surrounding environment.

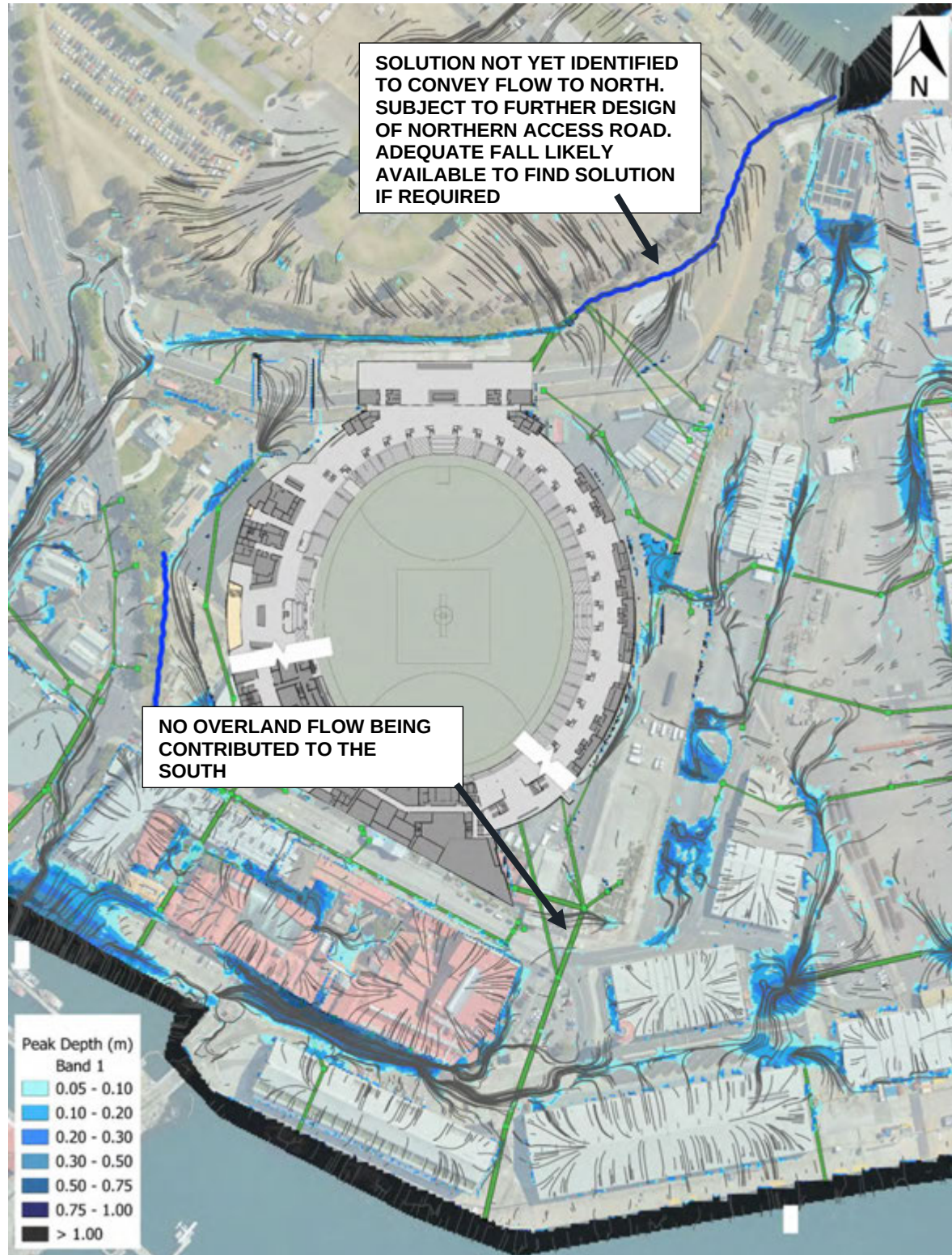


Figure 20: Option 2 - 1% AEP + CC - Peak Flood Depth

The water level difference plot in Figure 21 shows the proposed stadium (Option 2) compared to the existing condition 1 (pre 2020). The difference plot for existing condition 2 (post 2020) is available in Appendix A. The maps show changes of flood behaviour within the site. This is caused by large changes to ground levels within the site. The relevant changes are only those external to the site. The impact presented here are similar to those presented for Option 1, this is due to both Option 1 and Option 2 providing suitably sized connections for the stadium roof and plaza area to convey flows generated in the 1% AEP + Climate Change event.

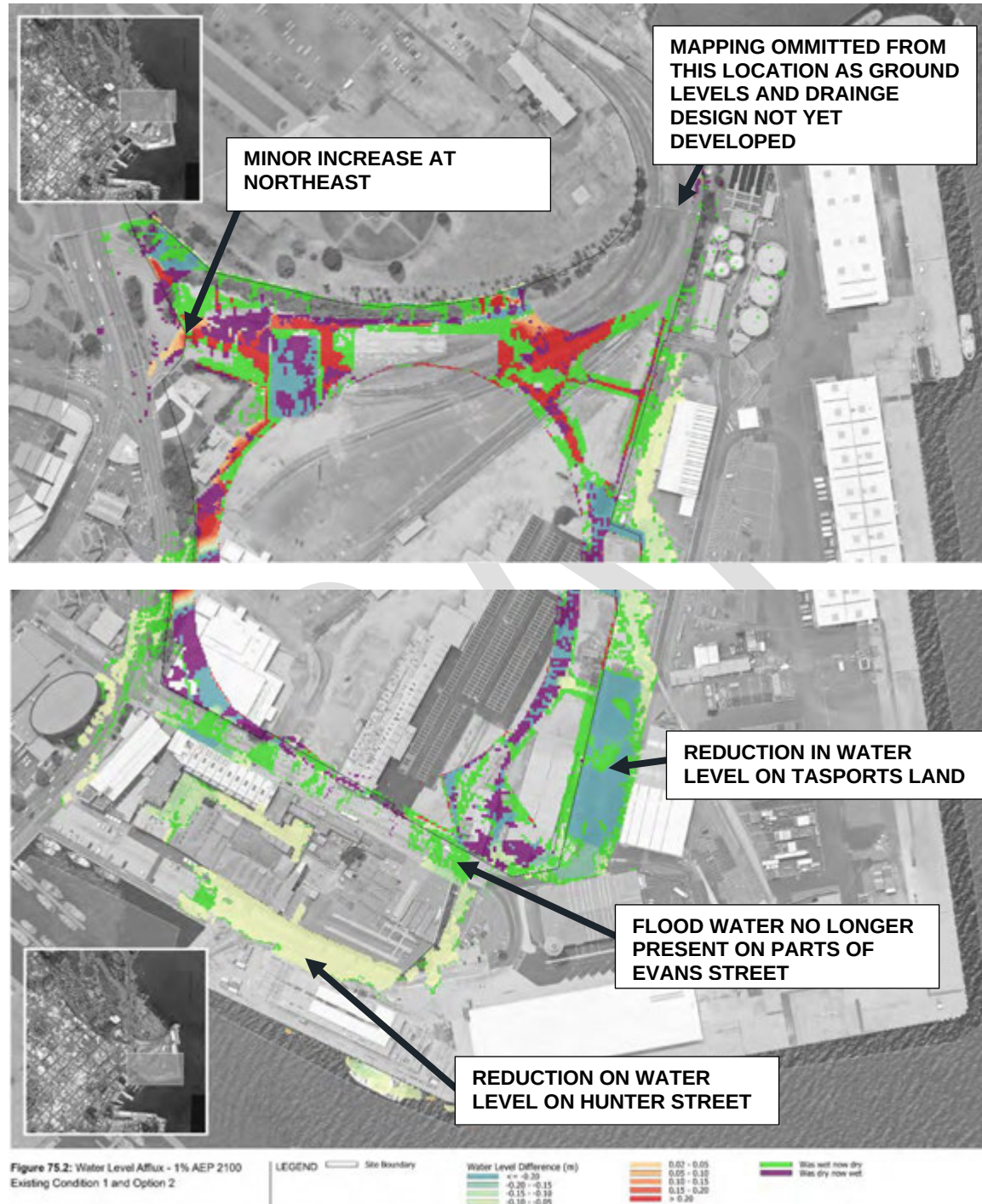


Figure 21: Option 2 - 1% AEP + CC - Afflux (Existing 1 vs Option 2)

3.6.3 Option 3 – 10% AEP pipes for Stadium Roof Runoff (East and South)

The aim of this option is to provide a stormwater connection for the stadium for storm intensity up to and including the

10% AEP + CC. Half of the roof area, plus buildings and plaza areas located in the north east are connected to the existing DN450 connection provided at the east of the site, whilst a new stormwater connection is provided at the south (DN750) and will service the remaining roof area as well as the plaza area and buildings in the south east. Catchments nearer to the cenotaph would still discharge to the northern connection point and drain towards the new northern access road which is currently being designed by others. **Figure 19** shows the locations of these connections.

The results show that this option results in the stadium being affected by flood water due to the overland flow path within the Eastern Plaza area. A peak water level of 3.2m AHD has been estimated which would result in water spilling into the stadium and adjoining buildings.

It is also noted that the existing eastern connection is not able to convey a 10% AEP event, with the capacity closer to a 3EY event (3 exceedance per year). As such, for this option, overland flow would develop on a regular basis and is not considered to be an acceptable solution.

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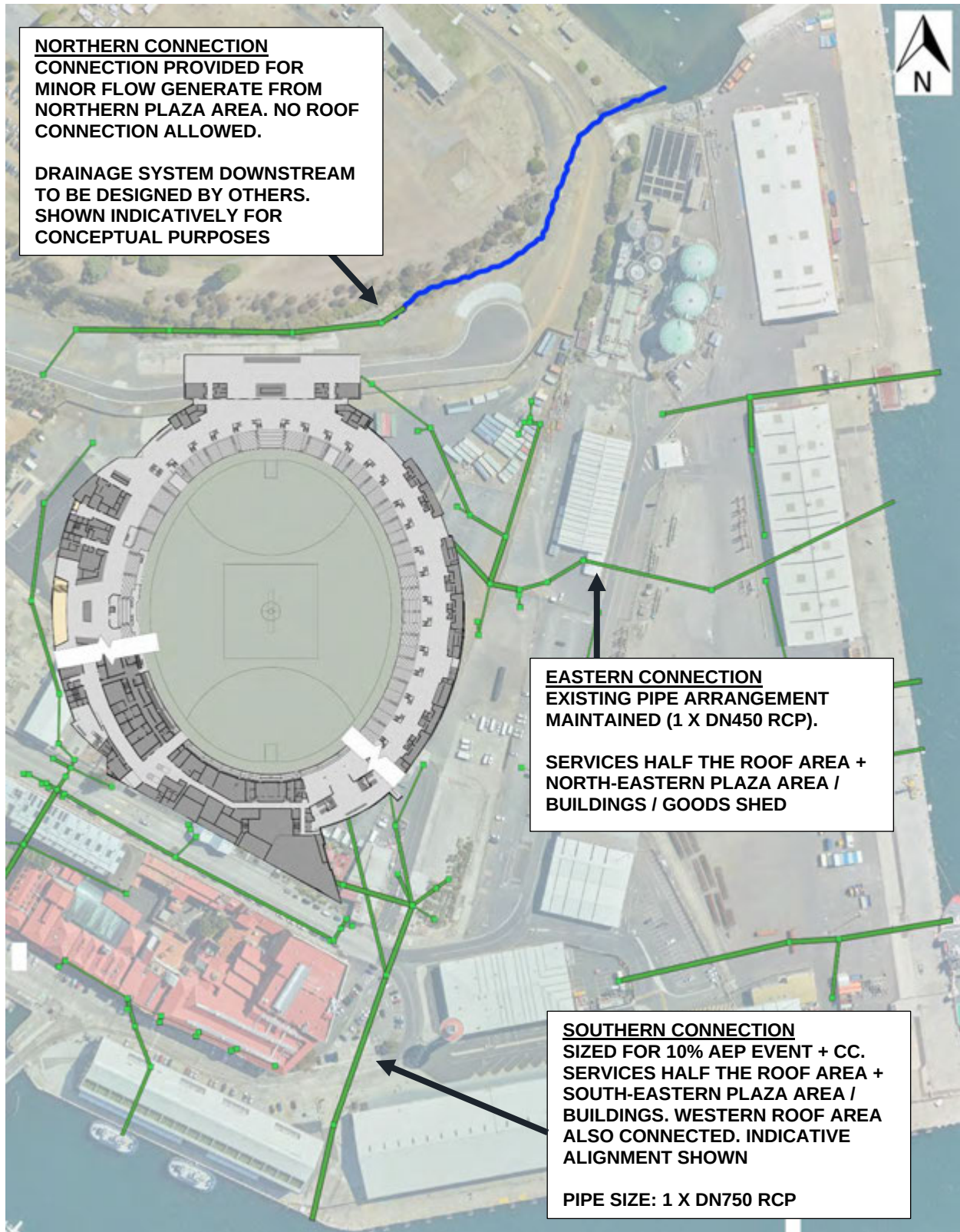


Figure 22: Option 3 - Drainage Layout

Results

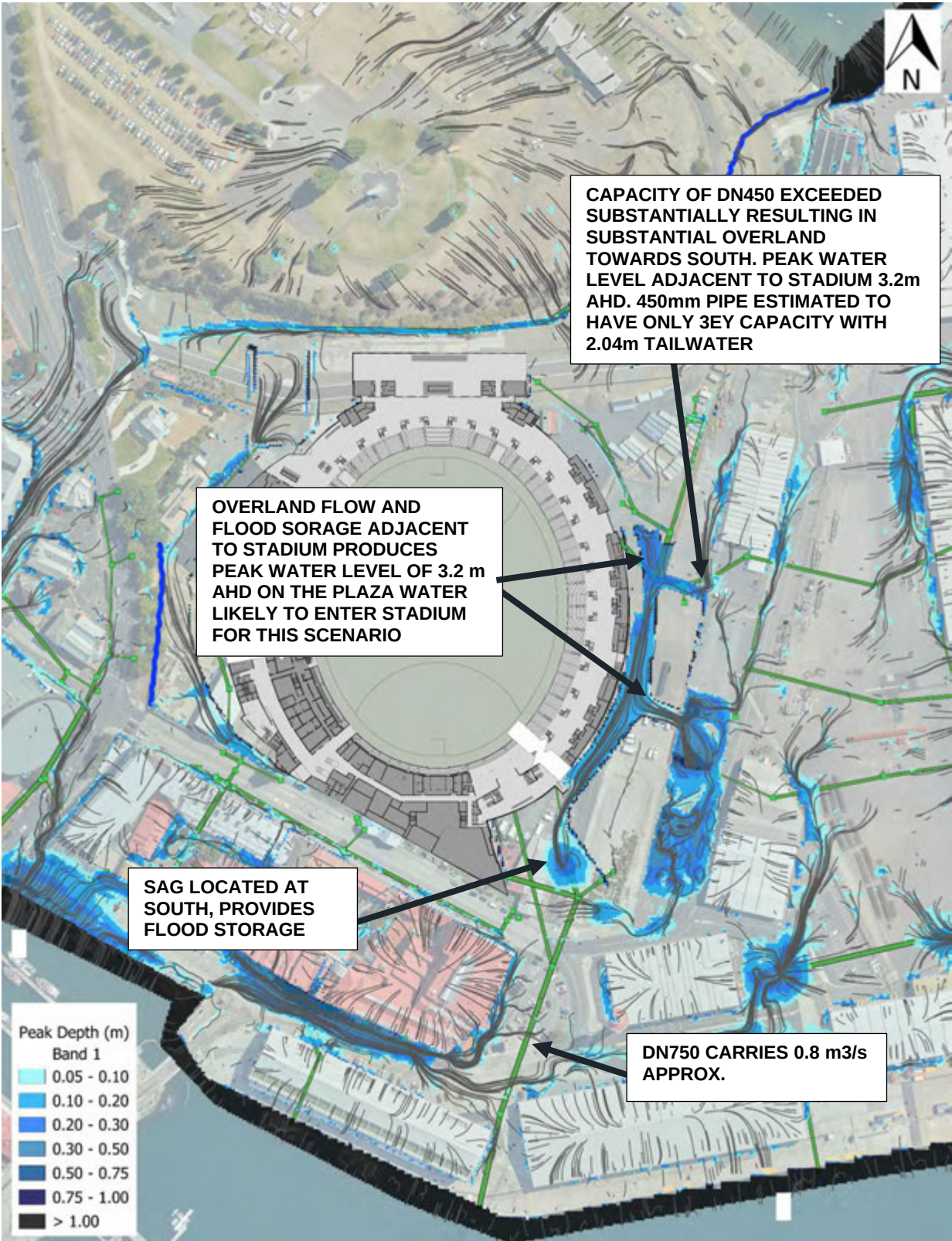


Figure 23: Option 3 - 1% AEP + CC - Peak Flood Depth

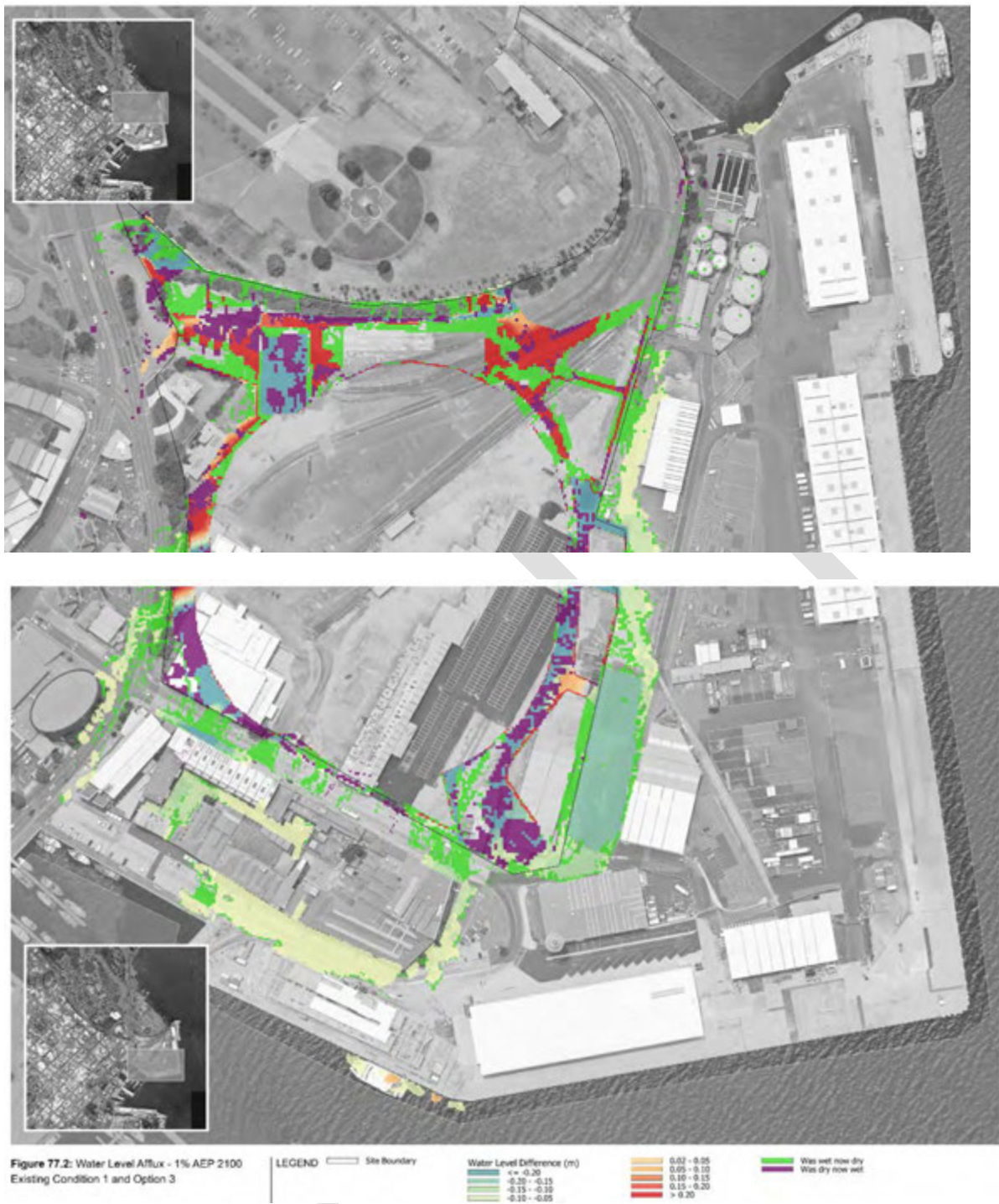


Figure 24: Option 3 - 1% AEP + CC - Afflux (Existing 1 vs Option 3)

3.7 Flood Mitigation

Based on the analysis carried out for both the existing and developed scenarios, the following issues and solutions have been identified to manage flooding:

- The stadium roof provides a large impervious area that will result in efficient and rapid runoff. Careful consideration is required for discharge of the roof drainage system as it is designed to operate under pressure, and the outfall is estimated to have a high velocity (> 4 m/s). The solutions assessed for the stadium roof drainage is to direct approximately 45% of the roof area to the east/north and 55% of the area to the south. A dedicated connection from the roof has been modelled within TUFLOW for both the east/north and south connections. The roof will need to be designed for the 1% AEP storm, plus climate change
- The existing condition models identified a flow path that develops within the site and ultimately discharges to the southeast end of Evans Street. This contributes to an overland flooding issue along property frontages on Hunter Street. Additional flow added at the southern end of Evans Street would exacerbate flooding. Furthermore, the southern end of Evans Street is the lowest area of the Macquarie Point site and is the natural location for stormwater to be discharged
- The proposed solution to manage stormwater from both the Gate 1 plaza area and the portion of the roof directed to the south is to provide a new/upgraded stormwater connection to outfall to the Derwent River. The proposed pipes (twin DN900 pipes to convey the 1% AEP + CC) have considered the proposed DN1200 Sewer crossing although at this stage, detailed consideration has not been given to other services that may impact the design of this pipe arrangement, and an alternative arrangement (multiple smaller pipes and / or box culvert/s) may be required

This arrangement services roughly half of the roof, if more of the roof is directed to this location, extra pipes or larger pipes will be required; and

- The provision of a 10% AEP design (Option 3) will result in flooding of the stadium and future proposed buildings and thus is not likely to meet building flood immunity requirements.

4. Discussion

A two-dimensional flood model has been developed for two existing cases to quantify the existing flood behaviour and provide a basis for flood impact checks adjacent to the Macquarie Point stadium. The assessment is based on local overland flow and does not include provision for the Hobart Rivulet and associated tributary overland flow paths. However, review has been undertaken of previous work by BMT which indicated resultant flood levels would remain well below the site. It is recommended that an update which incorporates the results of both is undertaken.

The existing case flood model identified the following current flood related issues:

- For existing case 1 (pre- 2020) an overland flow path within and upstream of the site (part of the cenotaph) discharges at multiple locations on Evans Street. This contributes to flooding on Evans and Hunter Street
- For the existing case 1 a flow path is also present directing water across to Davey Street
- For existing case 2 (post- 2020) the northern access road constructed intercepts the roadway plus areas north of it (including the cenotaph) and directs flow into the 750mm piped system constructed as part of the access road
- For both existing cases overland flow migrates off the site to Evans Street as the existing piped systems are not adequate for the storms analysed; and
- There is a trapped sag outside the eastern boundary of the site within TasPorts land. The site contributes surface water flow to this sag currently. Interrogation of historic survey information and a brief site inspection identified only a few pits connected to small pipes (225mm and 300mm) and a lack of suitably located drainage assets that would drain much of the sag.

Based on the assessment of the proposed stadium development, the following observations were made. This includes recommendation for proposed measures to manage stormwater and flooding.

- All options assessed have considered pipe upgrades and overland flow path management to direct stormwater to a Derwent River discharge. No formal detention options have been considered as part of this assessment
- Dedicated stormwater connections for the stadium roof are required to be designed for the 1% AEP event + climate change. By providing a suitable sized connection point at the southern and east/north end of the stadium roof and ensuring stormwater is contained within a piped system is the primary solution to manage flooding and overland flow within the site and on adjacent land
- Of the options assessed, the resulting flood behaviour for Option 1 is similar to Option 2. The same principle of providing a solution that provides capacity for the 1% AEP + climate change event applies to both options, flow is just directed to a different location. The modelling suggests that both Option 1 and Option 2 are able to provide a favourable outcome with respect to a complying stadium design and a positive improvement with respect to change in flood behaviour on the surrounding environment
- Option 3 does not provide connections up to the 1% AEP plus climate change, the option assessed connections that can convey flow up to the 10% AEP for the south and less than the 1EY event to the east (prior to pit surcharge and overland flow initiating)

For this site, if events of greater severity than the 10% AEP (or 1EY for the eastern connection) are directed overland, floodwater would enter the stadium. The eastern connection has minimal capacity in its current state. This results in the system surcharging and water being directed overland with a peak water level of 3.2m AHD, resulting in flooding of the stadium and the buildings in the south-east plaza area. For this option to be viable, a substantial detention system would be required

This solution does not have an adverse impact on the surrounding environment. Part of the overland flow is directed towards TasPorts which already impacted by flooding; however, the stadium design reduces the amount of flow compared to the existing arrangement

The remainder of the flow is directed further south to the south-eastern boundary and is stored in the enforced sag. An improved flood condition for Hunter Street is also observed for this solution

- It is noted that a range of alternative options exist for managing the 1% AEP event into the River Derwent from the roof area. Most of these options will require a piped network to the outfall. Other options identified include:
 - o To northeast via. new gravity pipes and / or siphonic system through carpark and or service corridor to the Rivulet (piped to outfall)
 - o To northeast via. new pipe routed under northern access road and then under open drains to Rivulet (piped to outfall)
 - o To northeast via. new mined tunnel direct to Rivulet (piped to outfall)
- The surface grading proposed for the plaza and associated piped drainage system effectively manages stormwater such that the stadium is not impacted by flood water for both Option 1 and Option 2. Option 1 and 2 do provide piped connections that ensure the water level within piped infrastructure provides 300mm freeboard to the surface; and
- The proposed surface grading for the plaza area has been included in the model and overland flow path level checked at the interface to the stadium.

The following items remain outstanding:

- The piped drainage is an important feature for overland flow/ flood management for the proposed site and adjacent parcels. The drainage design is continually being developed. The flood model will require updating once the drainage design is confirmed
- Minor modification is required to the model to ensure existing flood behaviour is maintained at the interface between TasPorts and Macquarie Point
- Inclusion of the 5% AEP runs per draft permit conditions (May 2025); and
- Incorporation of the new Northern access road design to ensure drainage system proposed is appropriate.

5. Conclusion

Hydraulic modelling has been undertaken for a variety of existing base case terrain and stormwater network conditions. The results were then compared to three design stormwater management options. Results for Option 1 and Option 2 have demonstrated that the presented solutions can:

- Ensure that there are no adverse flood impacts on the adjacent and downstream properties under a range of current and future climate change storm events
- Ensure that the site and its associated infrastructure are adequately protected against overland flooding for current and future climate change storm events
- Meet the stormwater requirements of the draft permit conditions (May 2025); and
- The flood model must be updated at subsequent design stages to ensure that the requirements of the permit are met.

Option 3 was able to demonstrate no adverse impacts on adjacent properties however does not meeting flood requirements for the building floor levels in the plaza area. This flooding will be initiated in very frequent storms (more than 1 exceedance per year, i.e. a storm that is likely to occur more than once a year). This solution is not recommended.

The nominated pipe sizes beyond the site boundary for each option are indicative only and are based on several assumptions. The size and configuration of these lines need to be confirmed during subsequent design. Deviation from the recommended configuration must be updated in the flood model to confirm flood immunity and impact requirements are met.

Important information about your report

In some circumstances the scope of services may have been limited by a range of factors such as time, budget, access and/or site disturbance constraints. The Report may only be used and relied on by the Client for the purpose set out in the Report. Any use which a third party makes of this document, or any reliance on or decisions to be made based on it, is the responsibility of the Client or such third parties.

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Flood Maps

Appendix A

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Figure 1	Peak Depth - 1% AEP 2030 - Existing Condition 1
Figure 2	Peak Water Level - 1% AEP 2030 - Existing Condition 1
Figure 3	Peak Velocity - 1% AEP 2030 - Existing Condition 1
Figure 4	Peak Hazard - 1% AEP 2030 - Existing Condition 1
Figure 5	Peak Depth - 1% AEP 2030 - Existing Condition 2
Figure 6	Peak Water Level - 1% AEP 2030 - Existing Condition 2
Figure 7	Peak Velocity - 1% AEP 2030 - Existing Condition 2
Figure 8	Peak Hazard - 1% AEP 2030 - Existing Condition 2
Figure 9	Peak Depth - 1% AEP 2030 - Option 1
Figure 10	Peak Water Level - 1% AEP 2030 - Option 1
Figure 11	Peak Velocity - 1% AEP 2030 - Option 1
Figure 12	Peak Hazard - 1% AEP 2030 - Option 1
Figure 13	Peak Depth - 1% AEP 2030 - Option 2
Figure 14	Peak Water Level - 1% AEP 2030 - Option 2
Figure 15	Peak Velocity - 1% AEP 2030 - Option 2
Figure 16	Peak Hazard - 1% AEP 2030 - Option 2
Figure 17	Peak Depth - 1% AEP 2030 - Option 3
Figure 18	Peak Water Level - 1% AEP 2030 - Option 3
Figure 19	Peak Velocity - 1% AEP 2030 - Option 3
Figure 20	Peak Hazard - 1% AEP 2030 - Option 3
Figure 21	Water Level Afflux - 1% AEP 2030 - Existing Condition 1 and Option 1
Figure 22	Water Level Afflux - 1% AEP 2030 - Existing Condition 2 and Option 1
Figure 23	Water Level Afflux - 1% AEP 2030 - Existing Condition 1 and Option 2
Figure 24	Water Level Afflux - 1% AEP 2030 - Existing Condition 2 and Option 2
Figure 25	Water Level Afflux - 1% AEP 2030 - Existing Condition 1 and Option 3
Figure 26	Water Level Afflux - 1% AEP 2030 - Existing Condition 2 and Option 3
Figure 27	Peak Depth - 10% AEP 2030 - Existing Condition 1
Figure 28	Peak Water Level - 10% AEP 2030 - Existing Condition 1
Figure 29	Peak Velocity - 10% AEP 2030 - Existing Condition 1
Figure 30	Peak Hazard - 10% AEP 2030 - Existing Condition 1
Figure 31	Peak Depth - 10% AEP 2030 - Existing Condition 2
Figure 32	Peak Water Level - 10% AEP 2030 - Existing Condition 2
Figure 33	Peak Velocity - 10% AEP 2030 - Existing Condition 2
Figure 34	Peak Hazard - 10% AEP 2030 - Existing Condition 2
Figure 35	Peak Depth - 10% AEP 2030 - Option 1
Figure 36	Peak Water Level - 10% AEP 2030 - Option 1
Figure 37	Peak Velocity - 10% AEP 2030 - Option 1
Figure 38	Peak Hazard - 10% AEP 2030 - Option 1
Figure 39	Peak Depth - 10% AEP 2030 - Option 2
Figure 40	Peak Water Level - 10% AEP 2030 - Option 2
Figure 41	Peak Velocity - 10% AEP 2030 - Option 2
Figure 42	Peak Hazard - 10% AEP 2030 - Option 2
Figure 43	Peak Depth - 10% AEP 2030 - Option 3
Figure 44	Peak Water Level - 10% AEP 2030 - Option 3
Figure 45	Peak Velocity - 10% AEP 2030 - Option 3
Figure 46	Peak Hazard - 10% AEP 2030 - Option 3
Figure 47	Water Level Afflux - 10% AEP 2030 - Existing Condition 1 and Option 1
Figure 48	Water Level Afflux - 10% AEP 2030 - Existing Condition 2 and Option 1

Figure 49 Water Level Afflux - 10% AEP 2030 - Existing Condition 1 and Option 2
Figure 50 Water Level Afflux - 10% AEP 2030 - Existing Condition 2 and Option 2
Figure 51 Water Level Afflux - 10% AEP 2030 - Existing Condition 1 and Option 3
Figure 52 Water Level Afflux - 10% AEP 2030 - Existing Condition 2 and Option 3
Figure 53 Peak Depth - 1% AEP 2100 - Existing Condition 1
Figure 54 Peak Water Level - 1% AEP 2100 - Existing Condition 1
Figure 55 Peak Velocity - 1% AEP 2100 - Existing Condition 1
Figure 56 Peak Hazard - 1% AEP 2100 - Existing Condition 1
Figure 57 Peak Depth - 1% AEP 2100 - Existing Condition 2
Figure 58 Peak Water Level - 1% AEP 2100 - Existing Condition 2
Figure 59 Peak Velocity - 1% AEP 2100 - Existing Condition 2
Figure 60 Peak Hazard - 1% AEP 2100 - Existing Condition 2
Figure 61 Peak Depth - 1% AEP 2100 - Option 1
Figure 62 Peak Water Level - 1% AEP 2100 - Option 1
Figure 63 Peak Velocity - 1% AEP 2100 - Option 1
Figure 64 Peak Hazard - 1% AEP 2100 - Option 1
Figure 65 Peak Depth - 1% AEP 2100 - Option 2
Figure 66 Peak Water Level - 1% AEP 2100 - Option 2
Figure 67 Peak Velocity - 1% AEP 2100 - Option 2
Figure 68 Peak Hazard - 1% AEP 2100 - Option 2
Figure 69 Peak Depth - 1% AEP 2100 - Option 3
Figure 70 Peak Water Level - 1% AEP 2100 - Option 3
Figure 71 Peak Velocity - 1% AEP 2100 - Option 3
Figure 72 Peak Hazard - 1% AEP 2100 - Option 3
Figure 73 Water Level Afflux - 1% AEP 2100 - Existing Condition 1 and Option 1
Figure 74 Water Level Afflux - 1% AEP 2100 - Existing Condition 2 and Option 1
Figure 75 Water Level Afflux - 1% AEP 2100 - Existing Condition 1 and Option 2
Figure 76 Water Level Afflux - 1% AEP 2100 - Existing Condition 2 and Option 2
Figure 77 Water Level Afflux - 1% AEP 2100 - Existing Condition 1 and Option 3
Figure 78 Water Level Afflux - 1% AEP 2100 - Existing Condition 2 and Option 3
Figure 79 Peak Depth - 10% AEP 2100 - Existing Condition 1
Figure 80 Peak Water Level - 10% AEP 2100 - Existing Condition 1
Figure 81 Peak Velocity - 10% AEP 2100 - Existing Condition 1
Figure 82 Peak Hazard - 10% AEP 2100 - Existing Condition 1
Figure 83 Peak Depth - 10% AEP 2100 - Existing Condition 2
Figure 84 Peak Water Level - 10% AEP 2100 - Existing Condition 2
Figure 85 Peak Velocity - 10% AEP 2100 - Existing Condition 2
Figure 86 Peak Hazard - 10% AEP 2100 - Existing Condition 2
Figure 87 Peak Depth - 10% AEP 2100 - Option 1
Figure 88 Peak Water Level - 10% AEP 2100 - Option 1
Figure 89 Peak Velocity - 10% AEP 2100 - Option 1
Figure 90 Peak Hazard - 10% AEP 2100 - Option 1
Figure 91 Peak Depth - 10% AEP 2100 - Option 2
Figure 92 Peak Water Level - 10% AEP 2100 - Option 2
Figure 93 Peak Velocity - 10% AEP 2100 - Option 2
Figure 94 Peak Hazard - 10% AEP 2100 - Option 2
Figure 95 Peak Depth - 10% AEP 2100 - Option 3
Figure 96 Peak Water Level - 10% AEP 2100 - Option 3

Figure 97 Peak Velocity - 10% AEP 2100 - Option 3
Figure 98 Peak Hazard - 10% AEP 2100 - Option 3
Figure 99 Water Level Afflux - 10% AEP 2100 - Existing Condition 1 and Option 1
Figure 100 Water Level Afflux - 10% AEP 2100 - Existing Condition 2 and Option 1
Figure 101 Water Level Afflux - 10% AEP 2100 - Existing Condition 1 and Option 2
Figure 102 Water Level Afflux - 10% AEP 2100 - Existing Condition 2 and Option 2
Figure 103 Water Level Afflux - 10% AEP 2100 - Existing Condition 1 and Option 3
Figure 104 Water Level Afflux - 10% AEP 2100 - Existing Condition 2 and Option 3

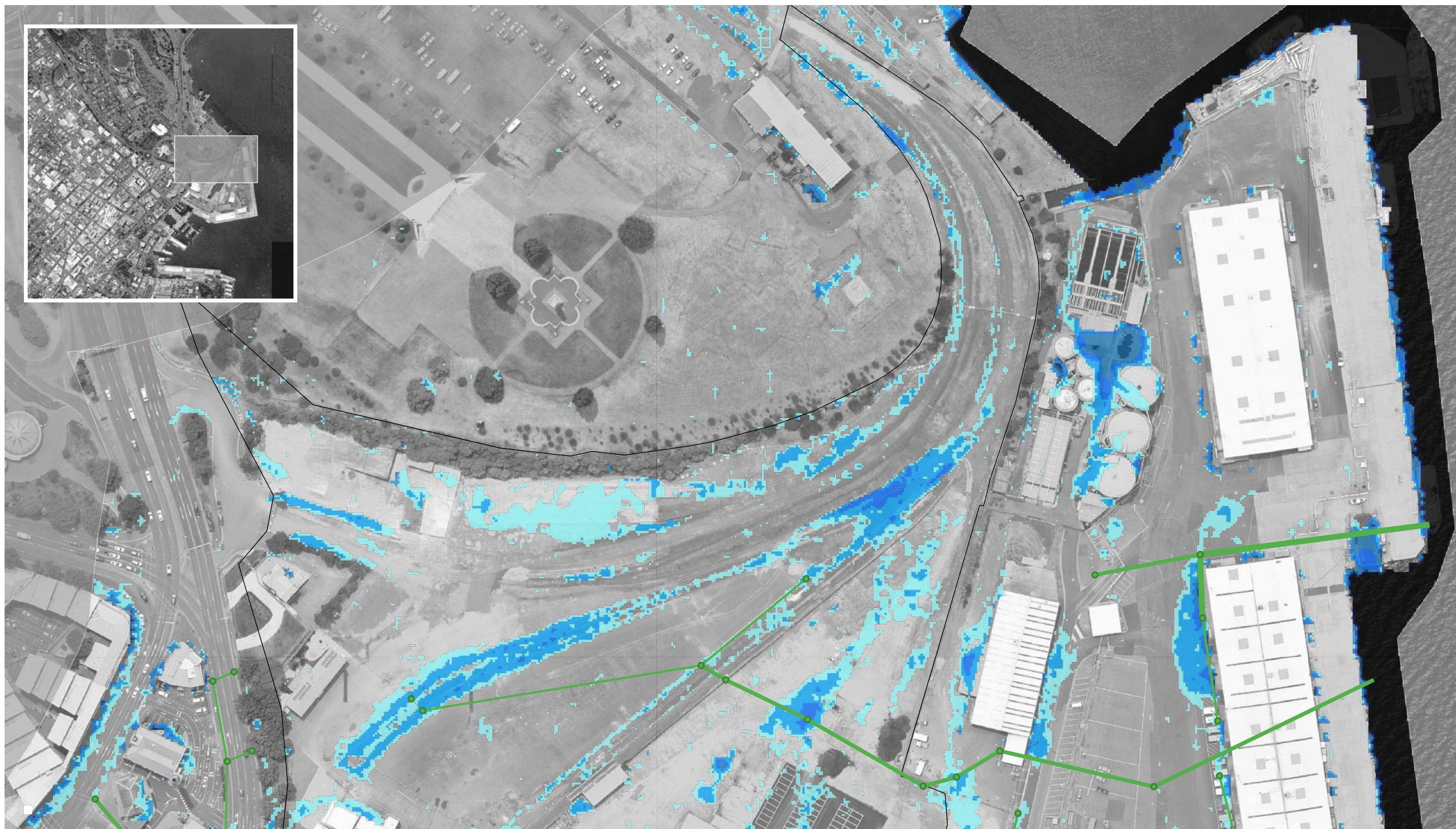


Figure 01.1: Peak Depth - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

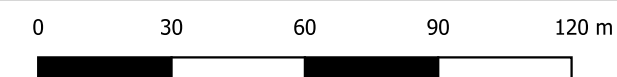
Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

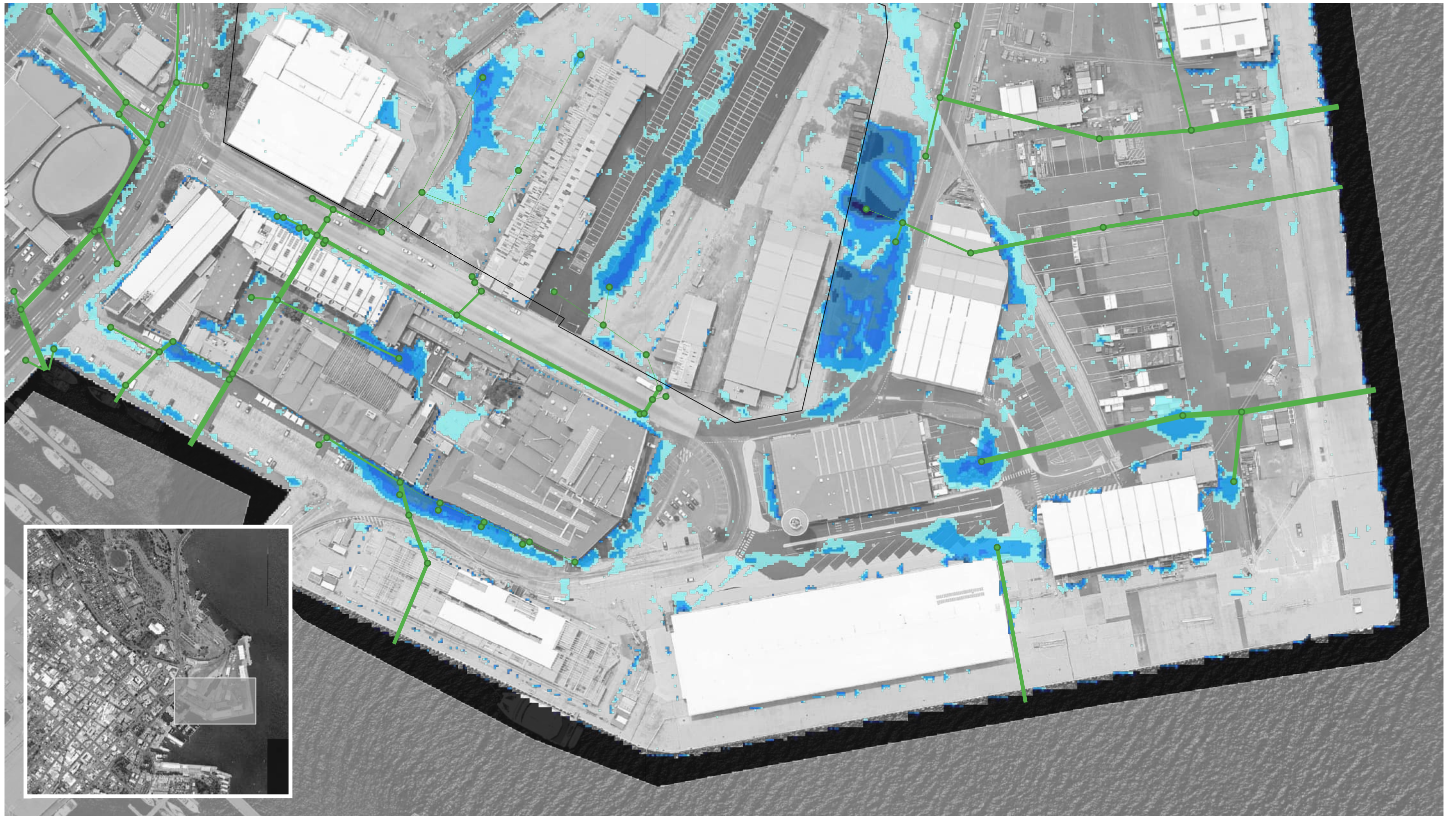


Figure 01.2: Peak Depth - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

 0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

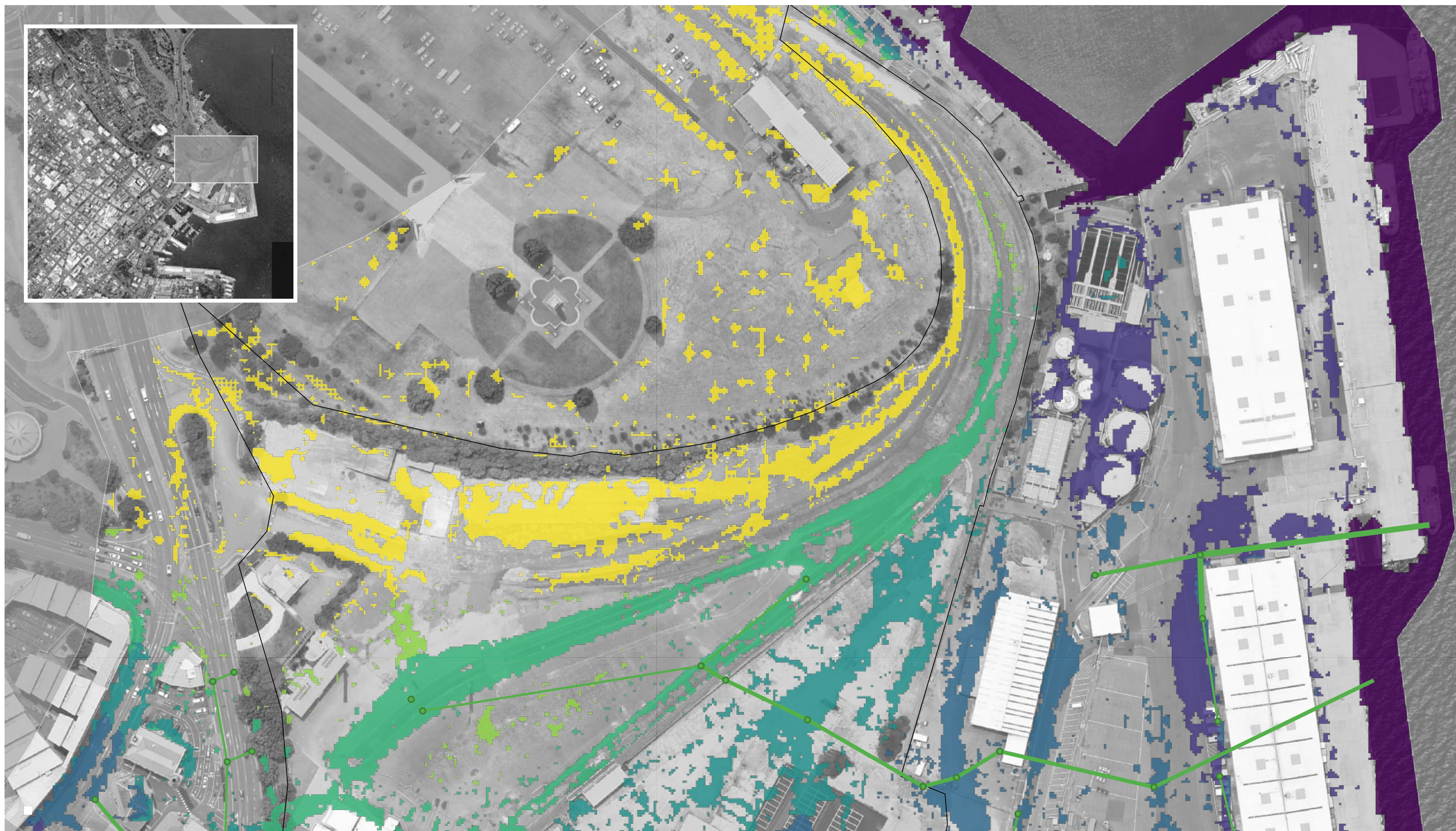


Figure 02.1: Peak Water Level - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

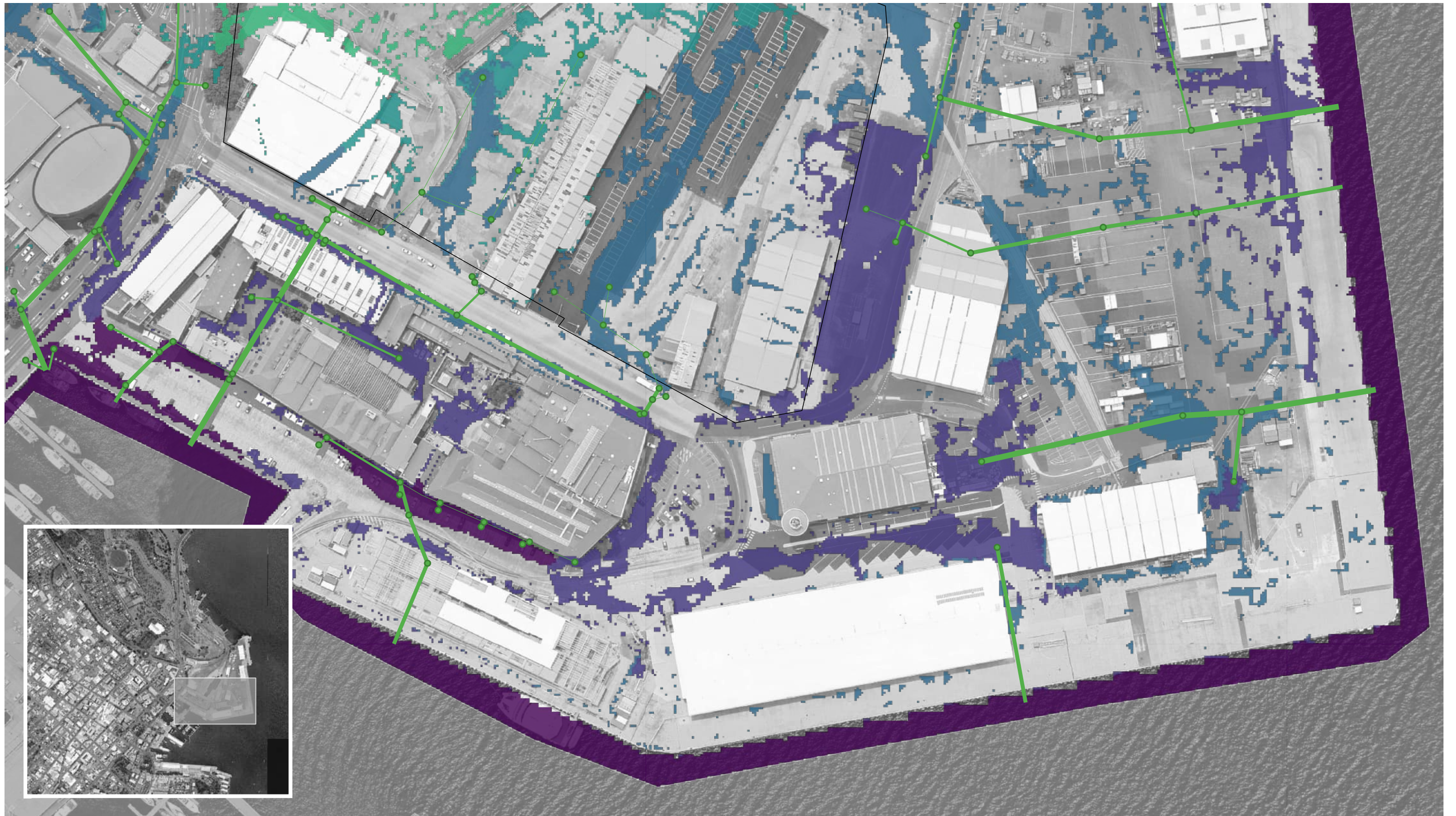


Figure 02.2: Peak Water Level - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
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0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

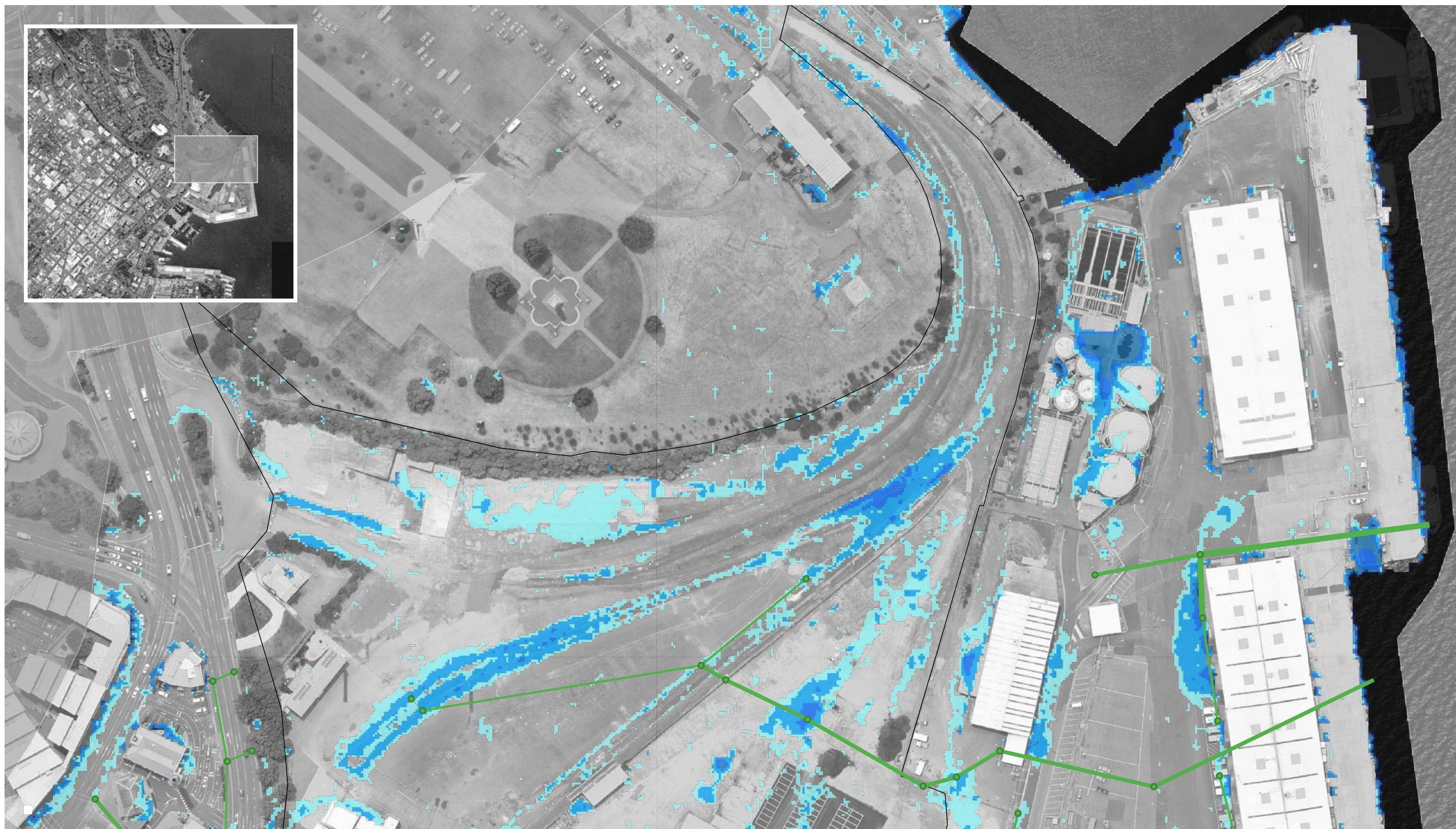


Figure 01.1: Peak Depth - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

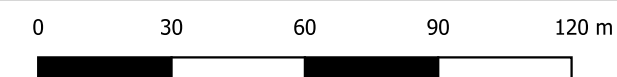
Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

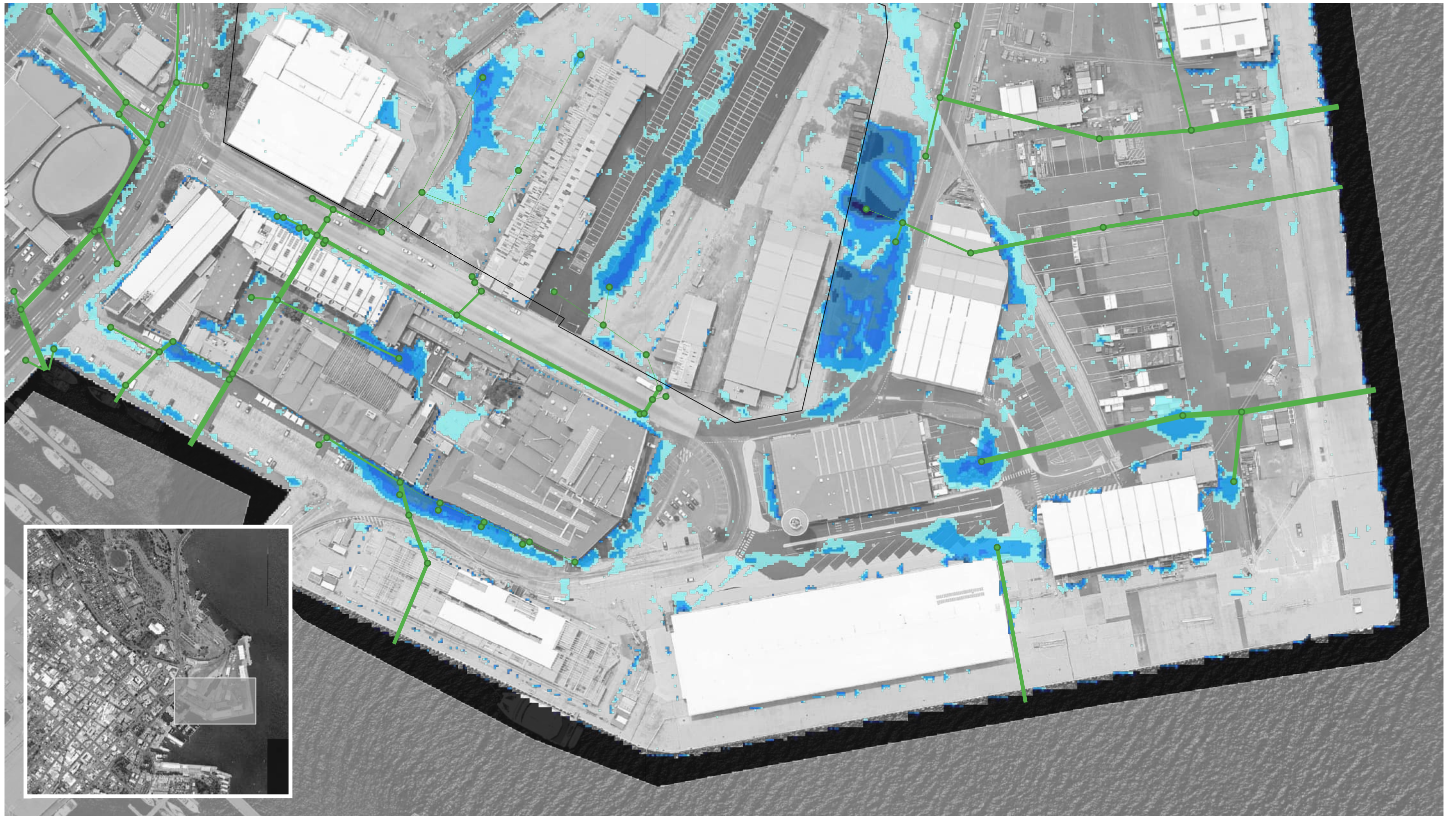


Figure 01.2: Peak Depth - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

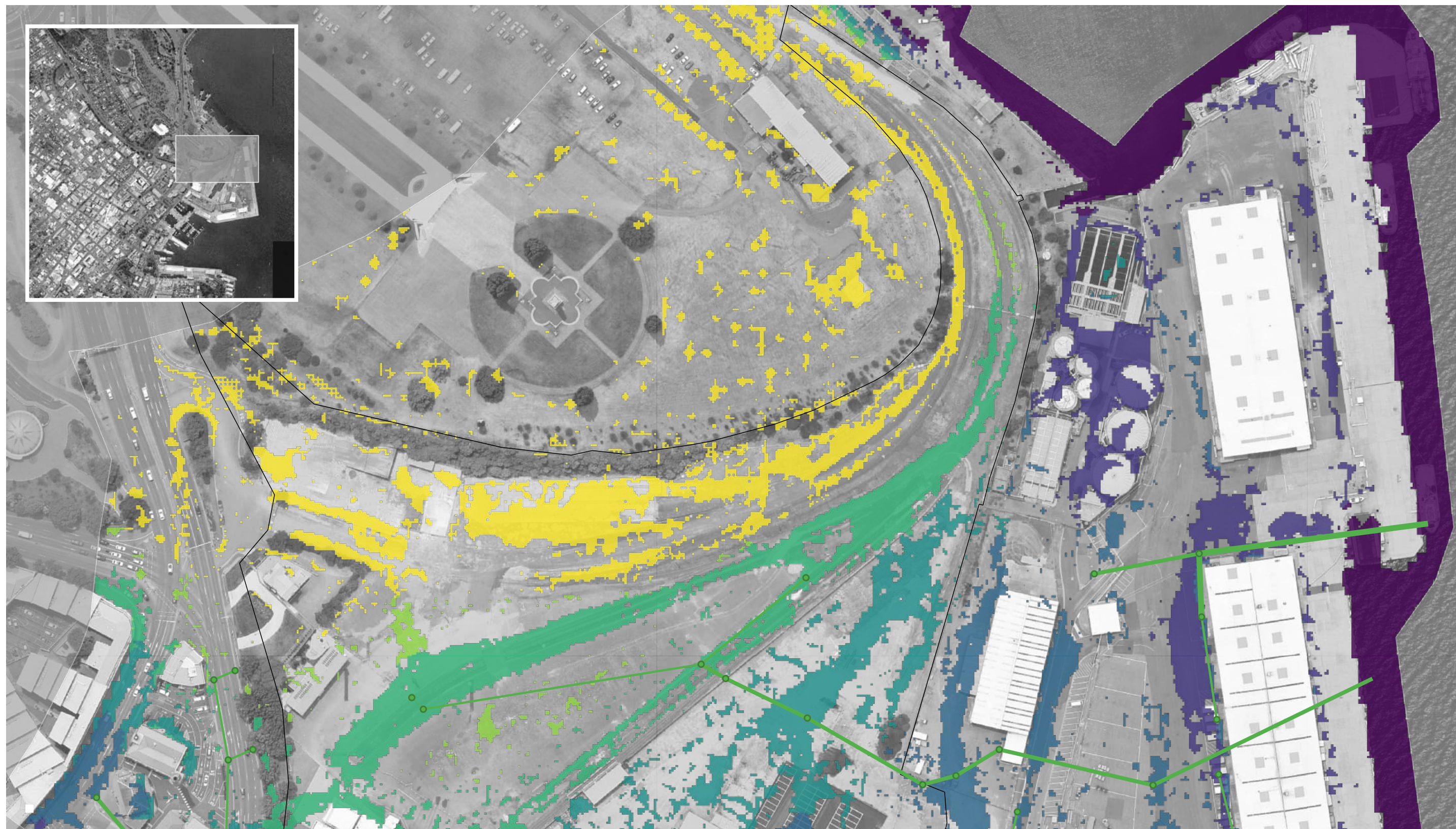


Figure 02.1: Peak Water Level - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

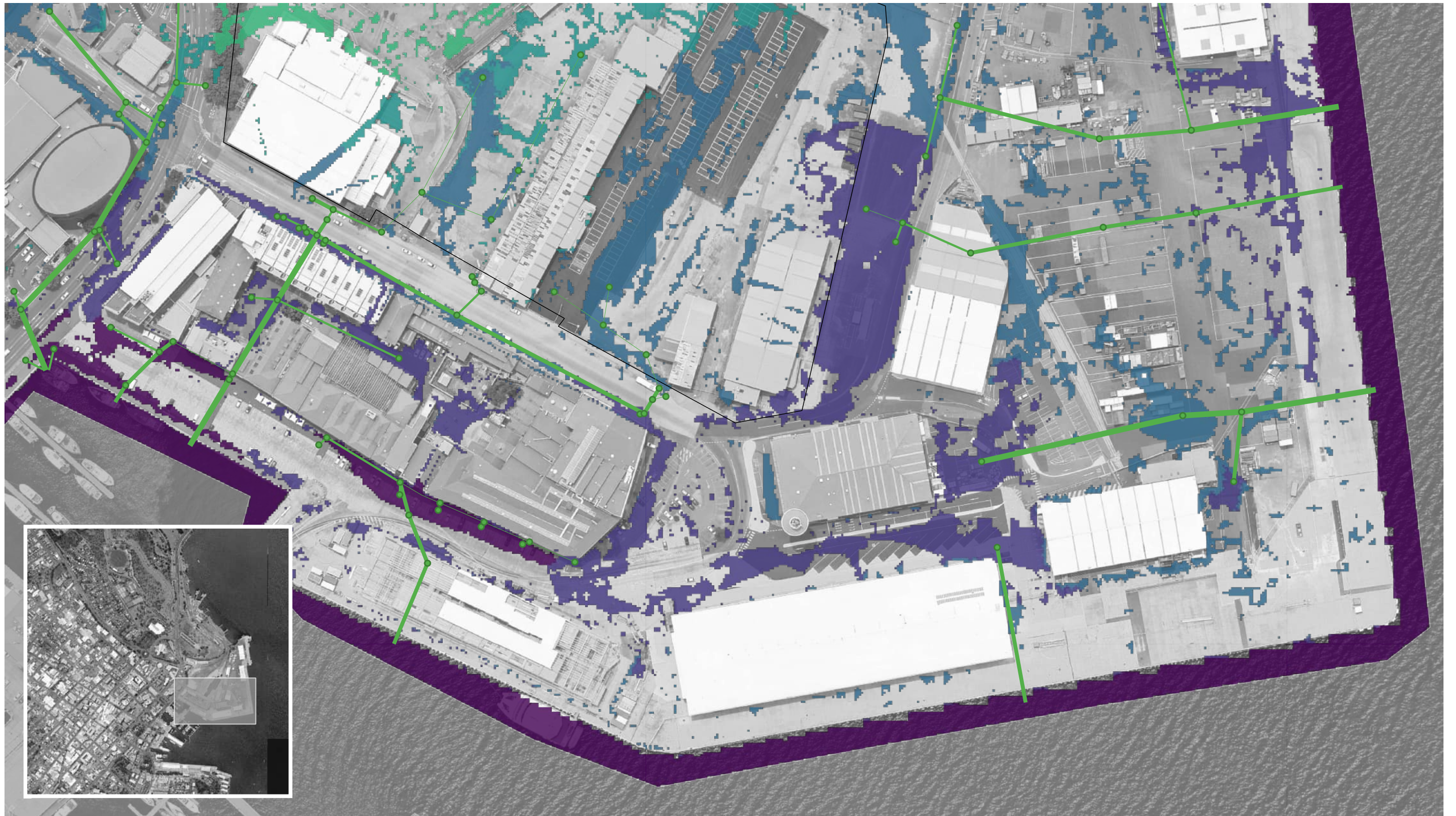


Figure 02.2: Peak Water Level - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

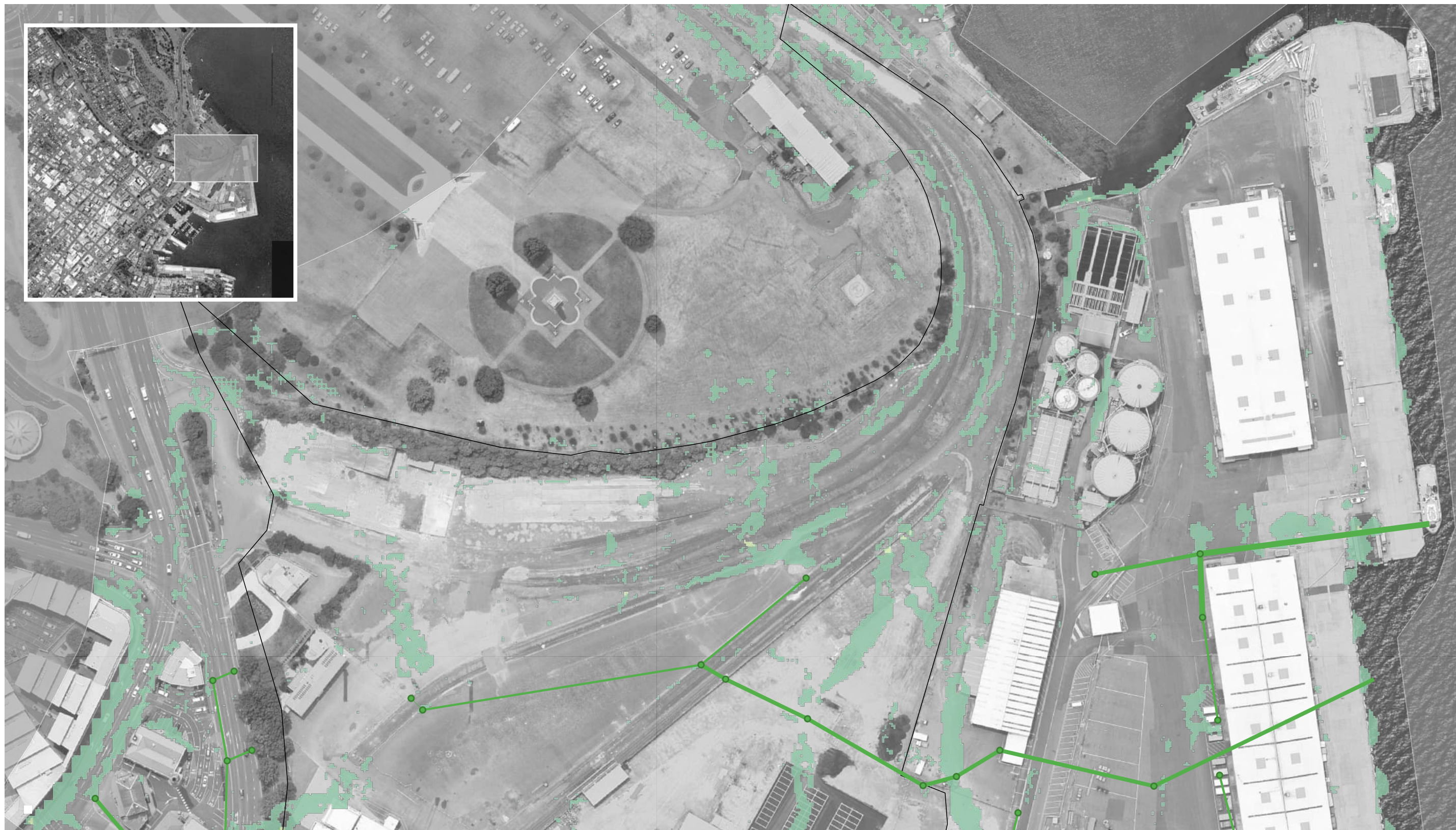


Figure 03.1: Peak Velocity - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 03.2: Peak Velocity - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

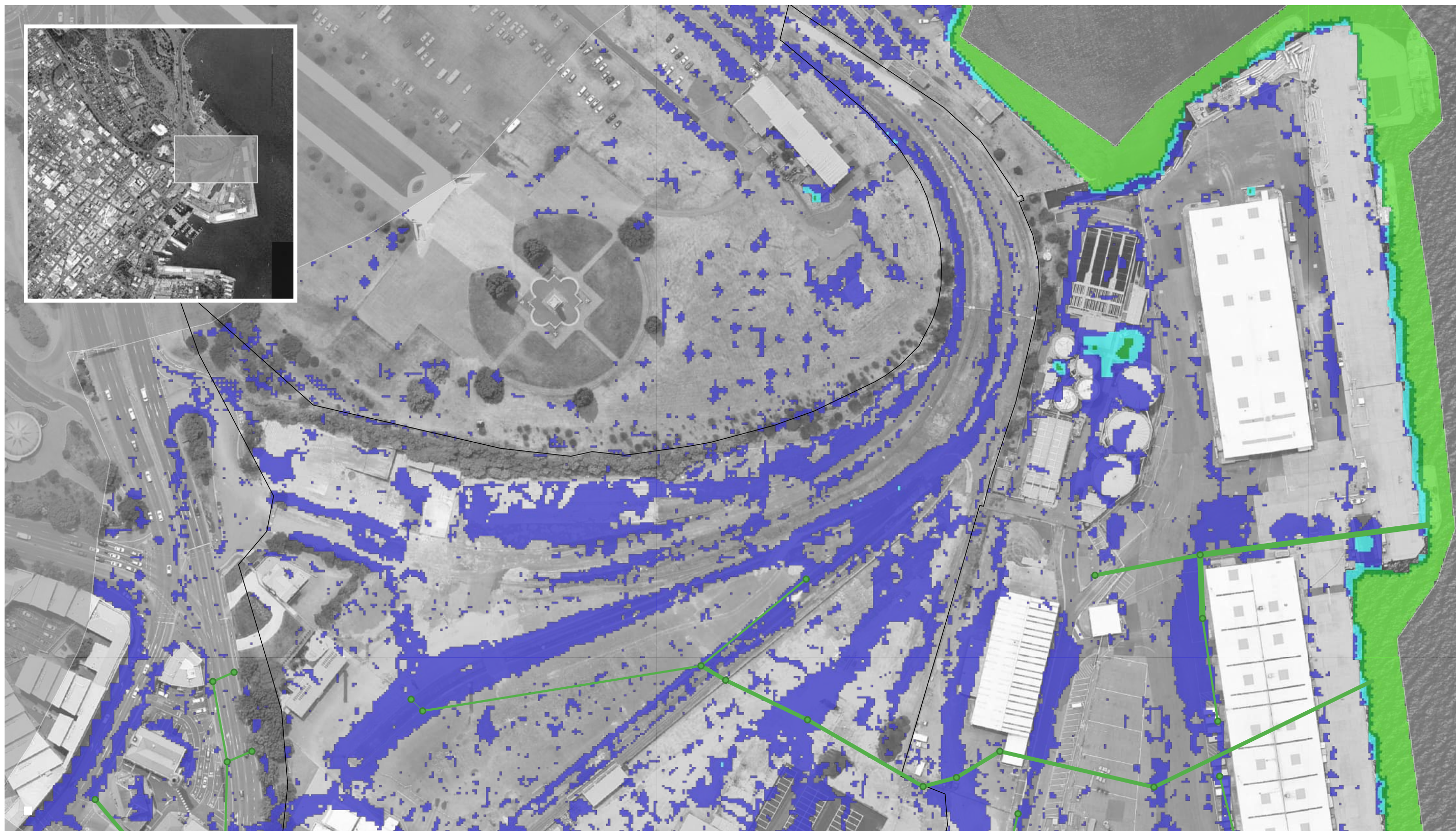


Figure 04.1: Peak Hazard - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

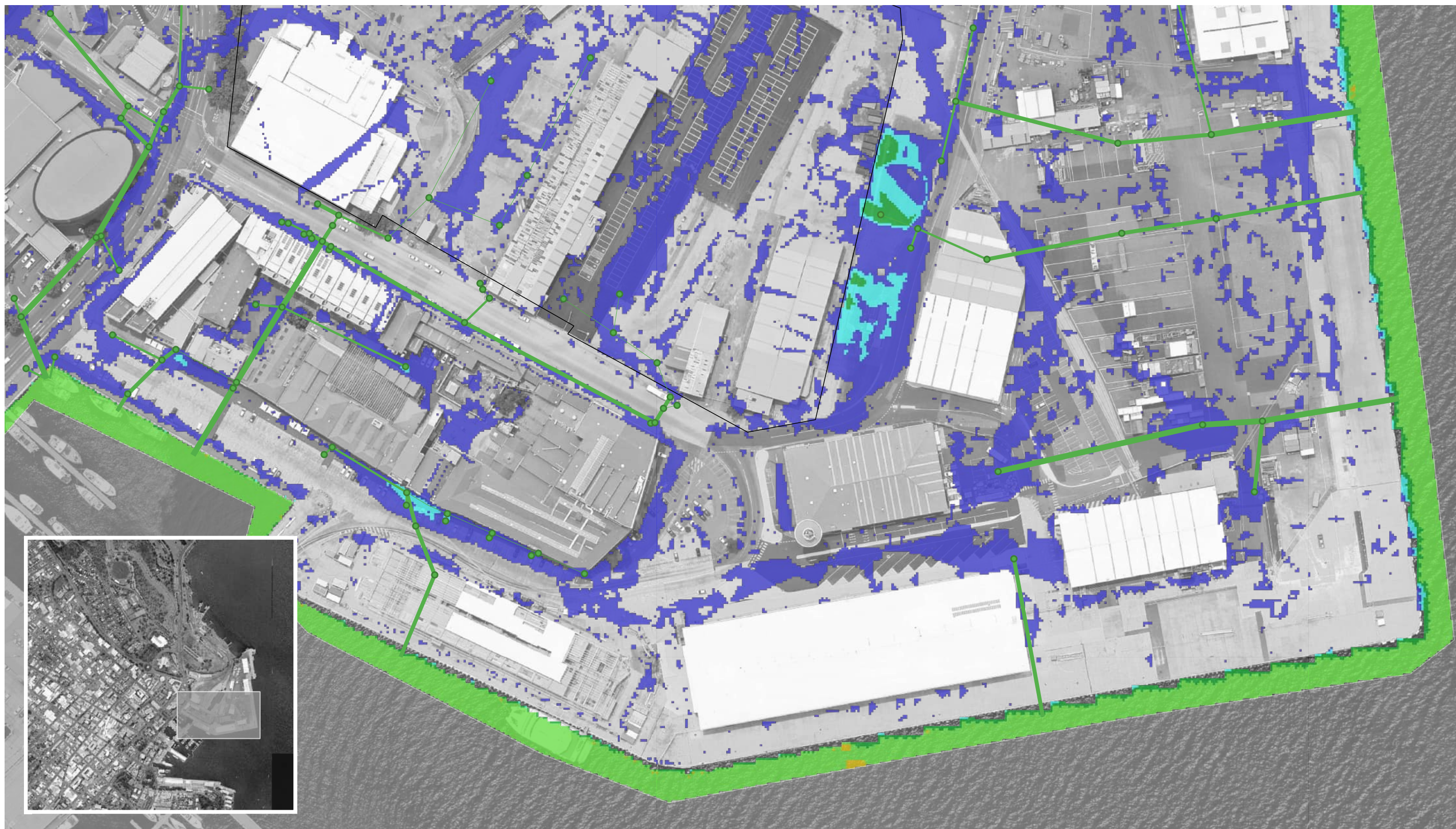


Figure 04.2: Peak Hazard - 1% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

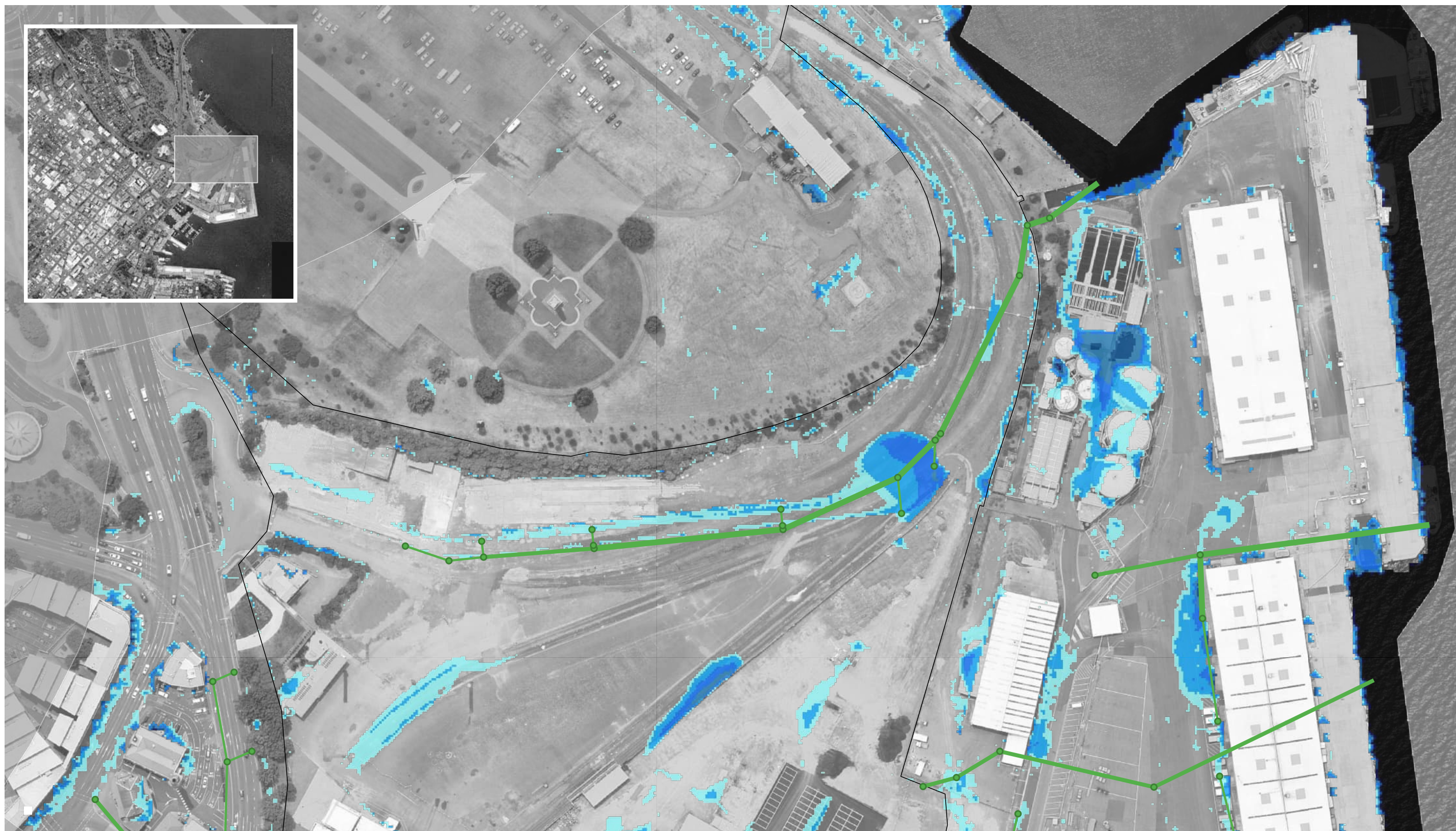


Figure 05.1: Peak Depth - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

Macquarie Point Stadium - Hobart
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LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

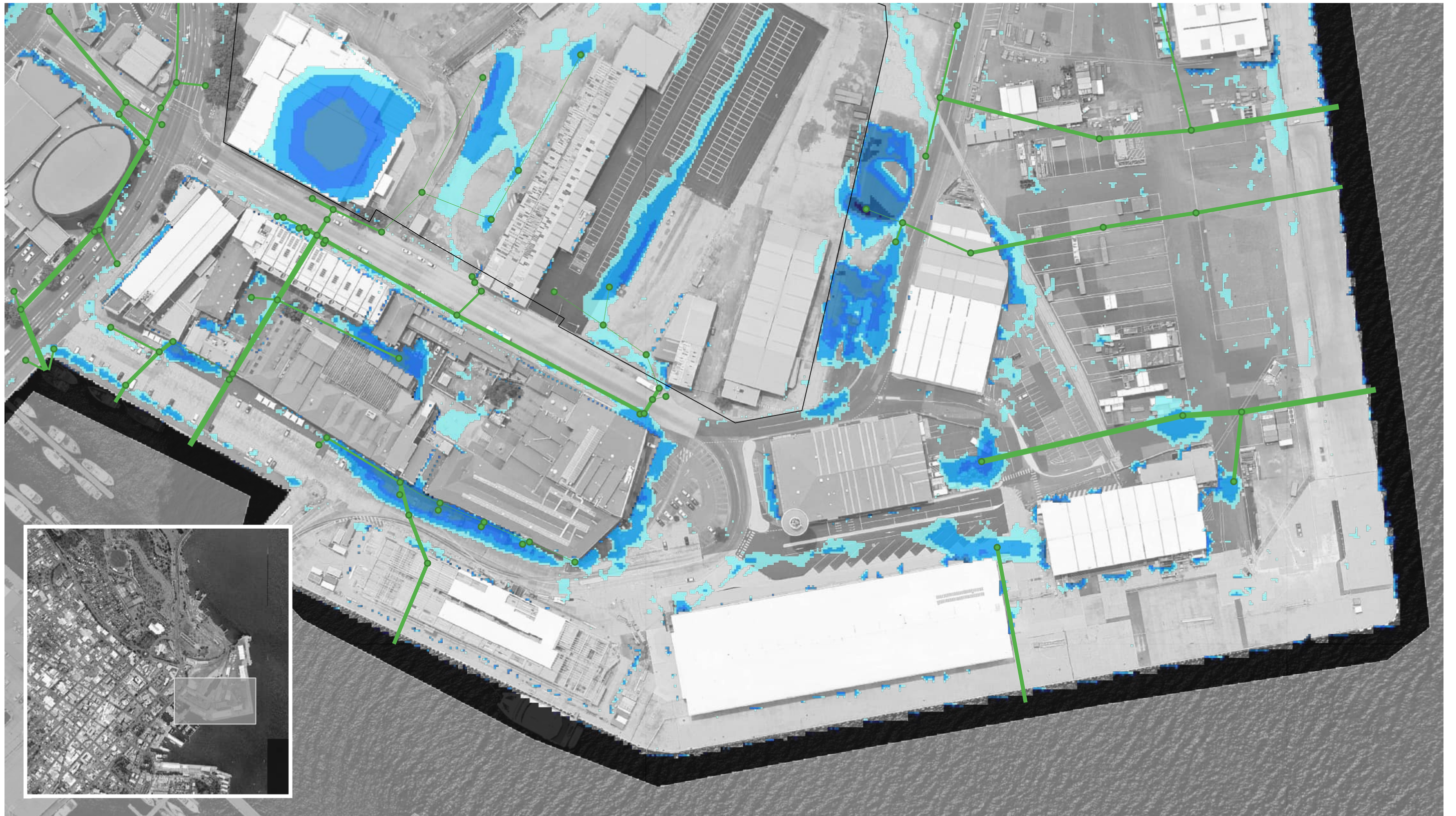


Figure 05.2: Peak Depth - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

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AUTHOR: Emma Lofthouse
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

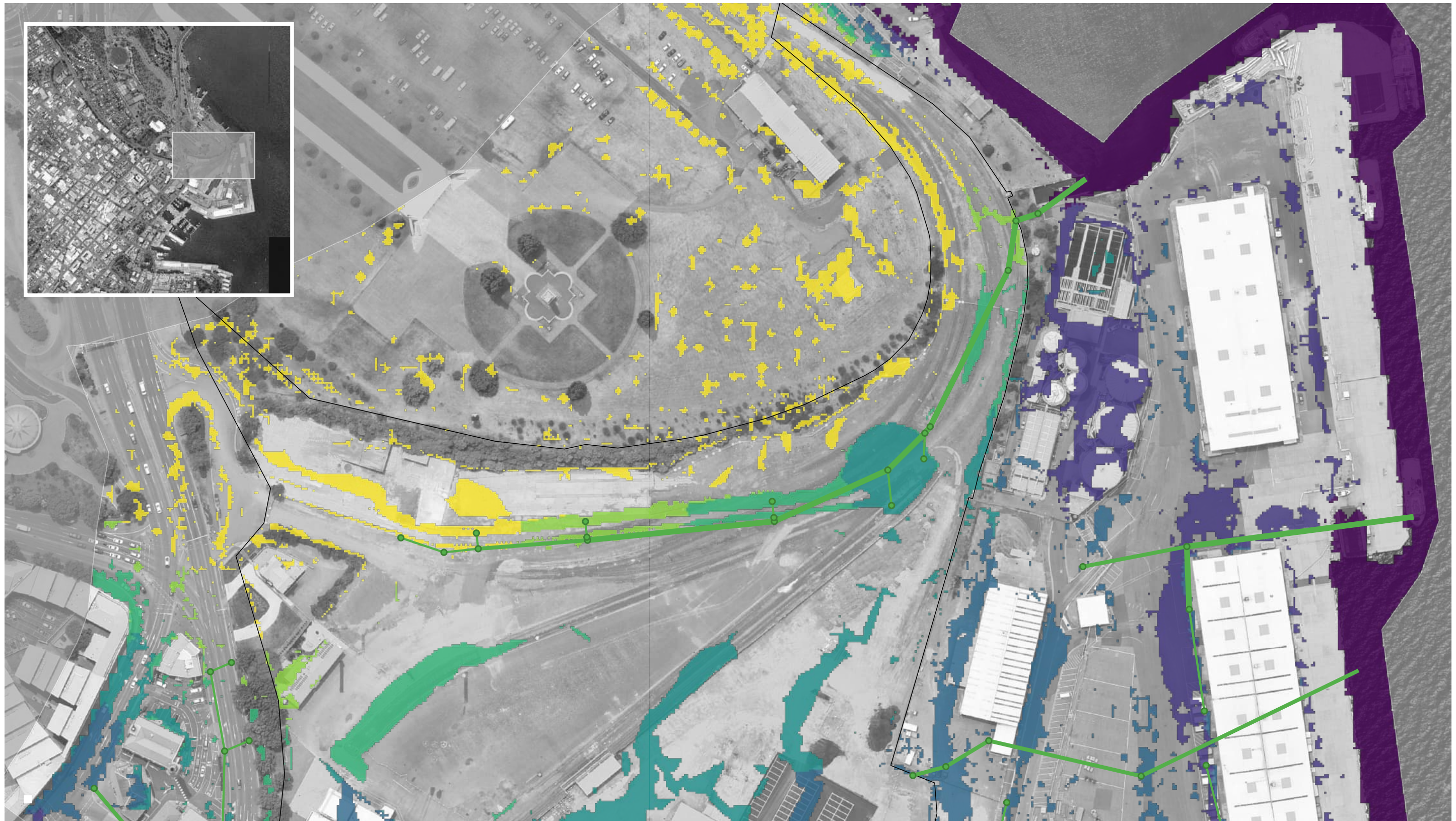


Figure 06.1: Peak Water Level - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5
 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

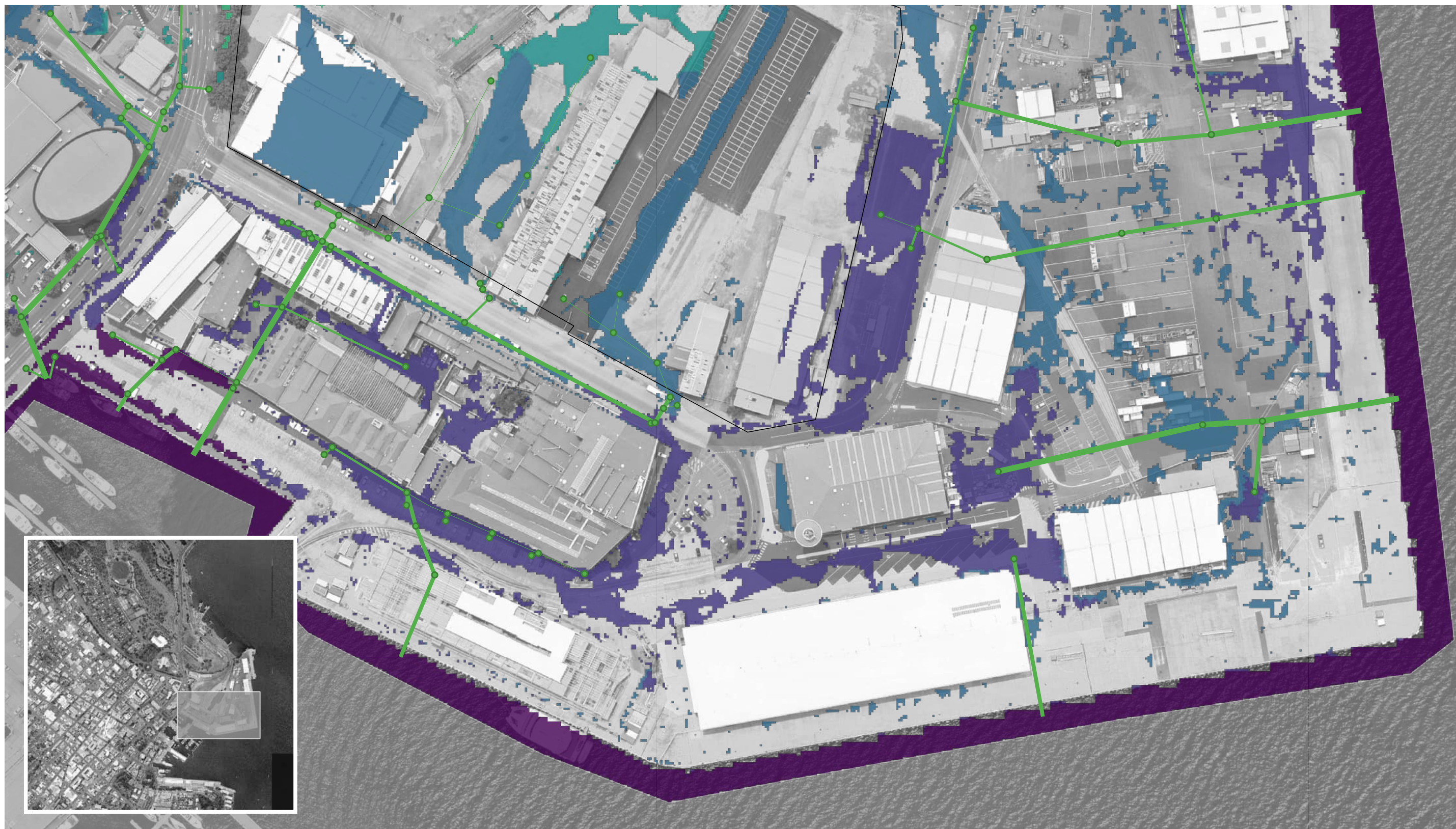


Figure 06.2: Peak Water Level - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 07.1: Peak Velocity - 1% AEP 2030
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 07.2: Peak Velocity - 1% AEP 2030
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

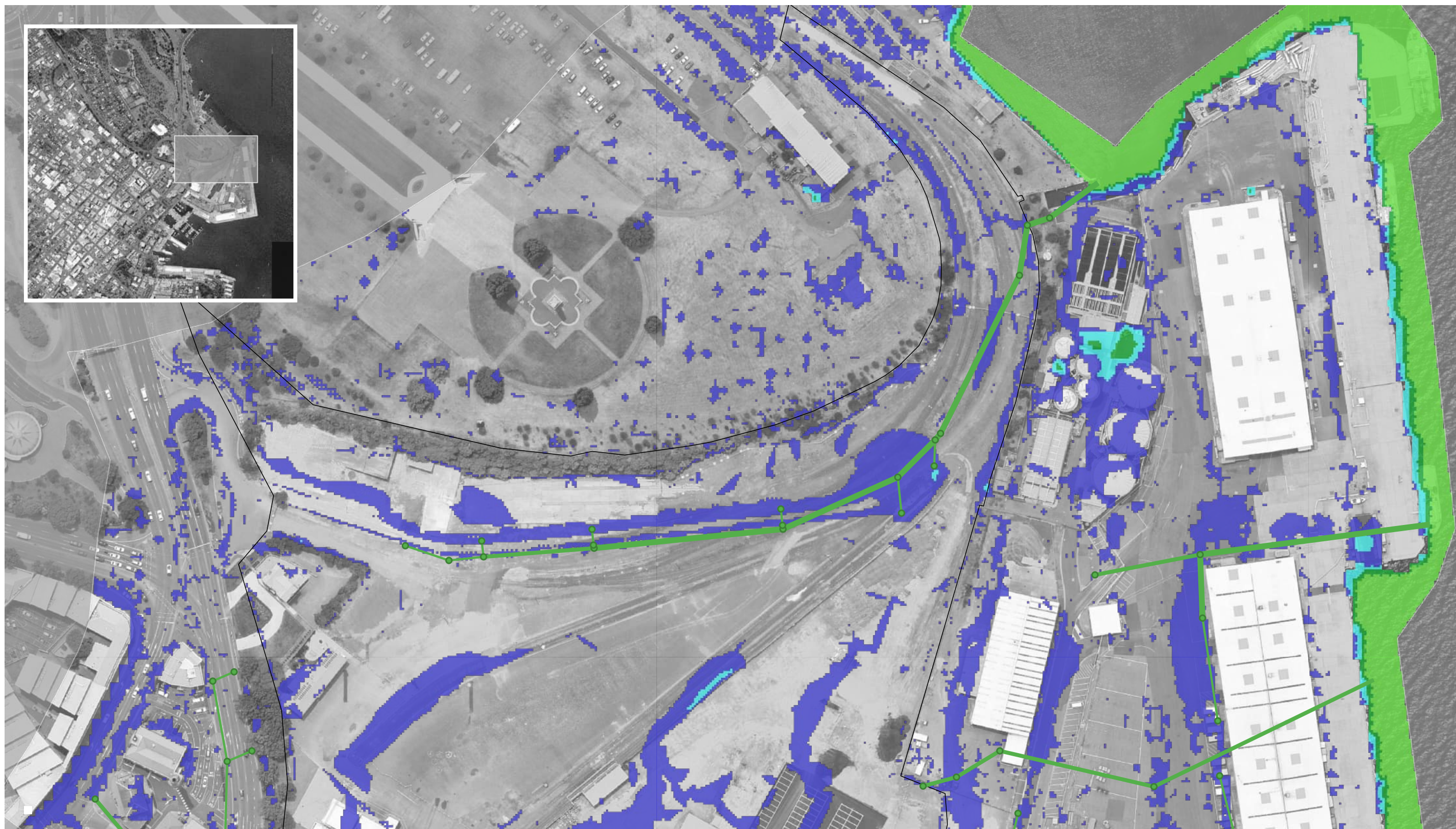


Figure 08.1: Peak Hazard - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

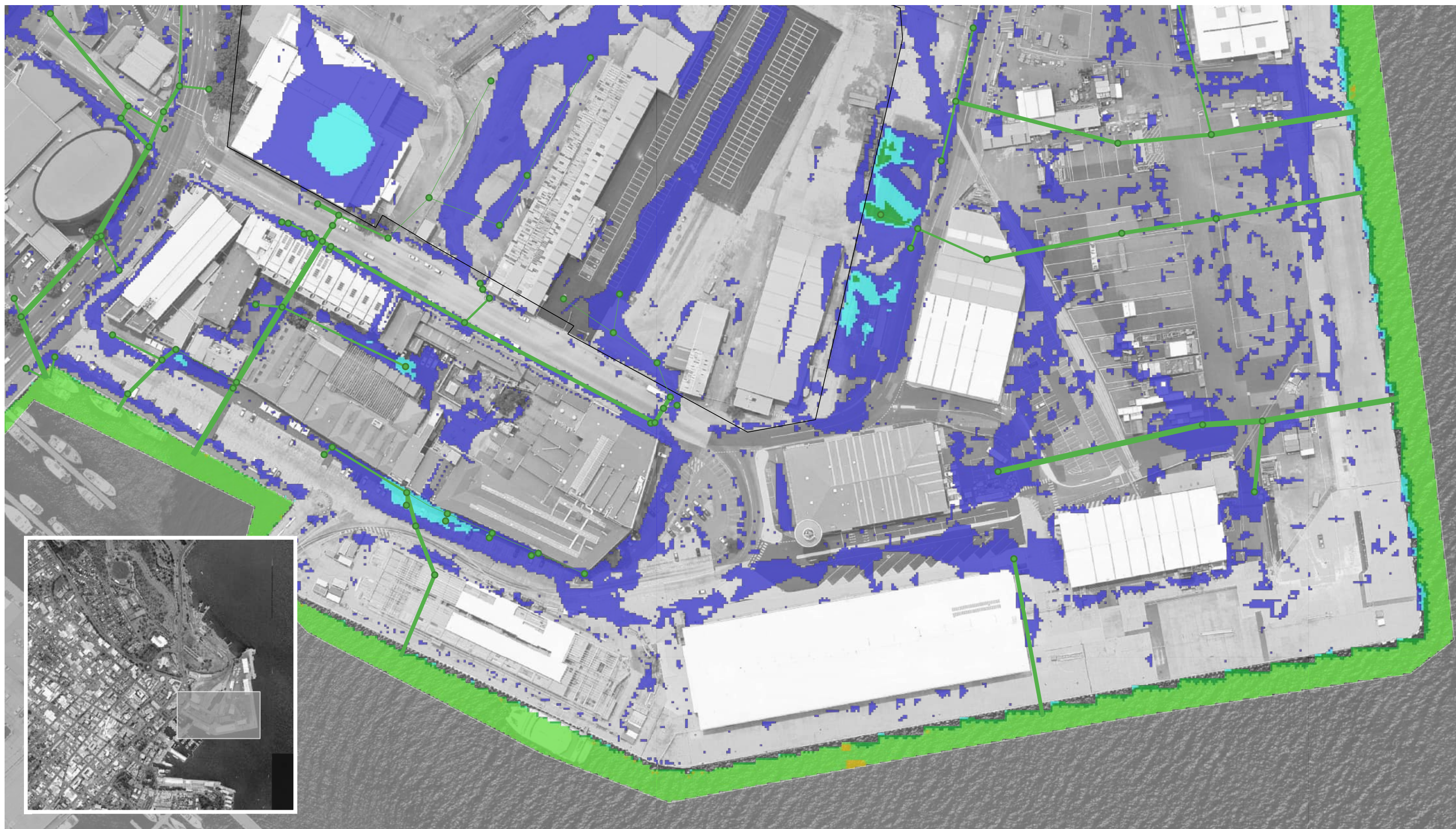


Figure 08.2: Peak Hazard - 1% AEP 2030
Existing Condition 2: Post-2020 access road construction.

Macquarie Point Stadium - Hobart
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LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
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REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

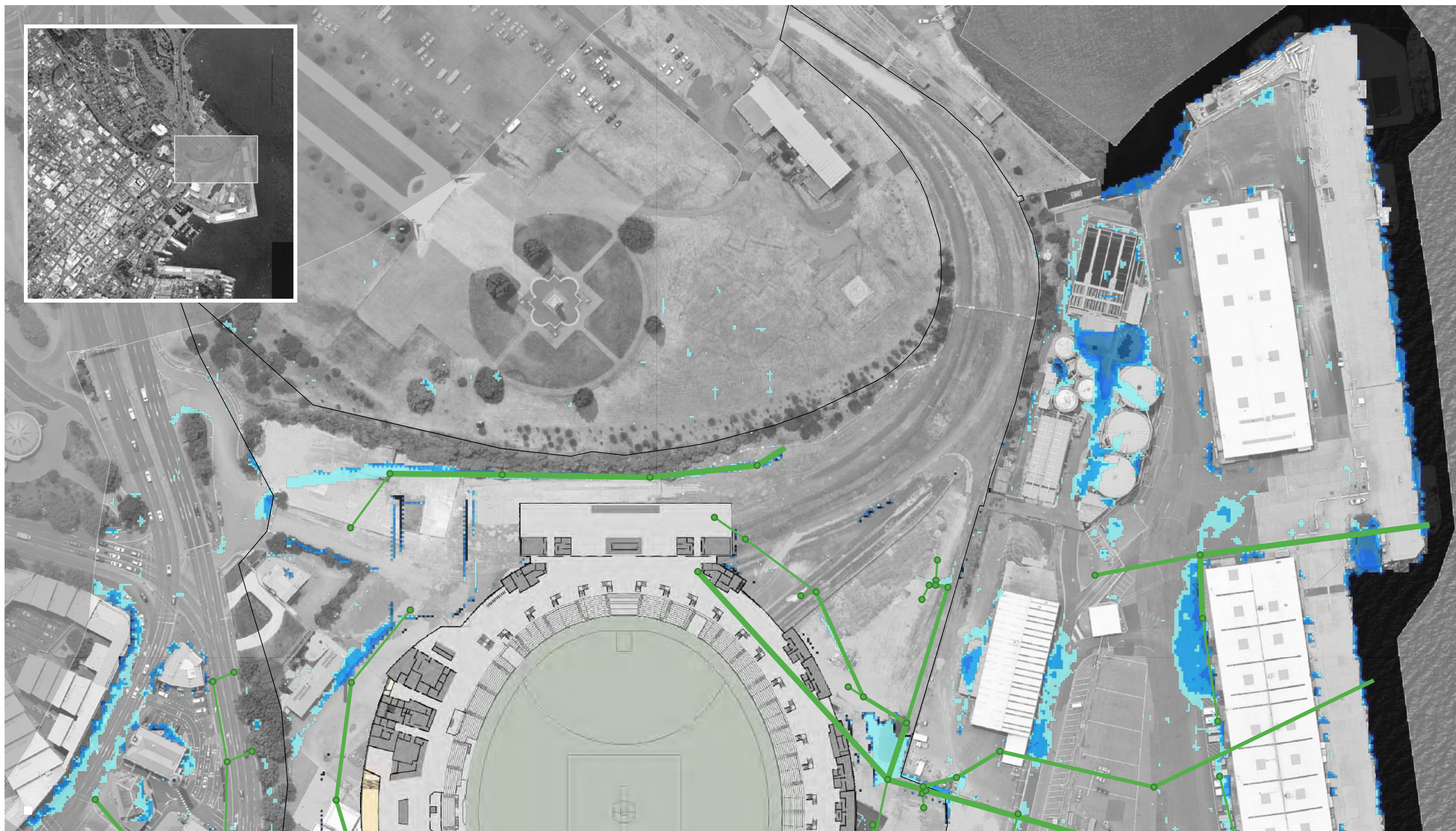


Figure 09.1: Peak Depth - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Depth (m)
0.05 - 0.10
0.10 - 0.20
0.20 - 0.30
0.30 - 0.50

0.50 - 0.75
0.75 - 1.00
> 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 09.2: Peak Depth - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary Drainage Network Pit		Pipe Diameter (m) 0.1 - 0.225 0.225 - 0.3 0.3 - 0.45 0.45 - 3	Peak Depth (m) 0.05 - 0.10 0.10 - 0.20 0.20 - 0.30 0.30 - 0.50 0.50 - 0.75 0.75 - 1.00 > 1.00
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		0 30 60 90 120 m COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700

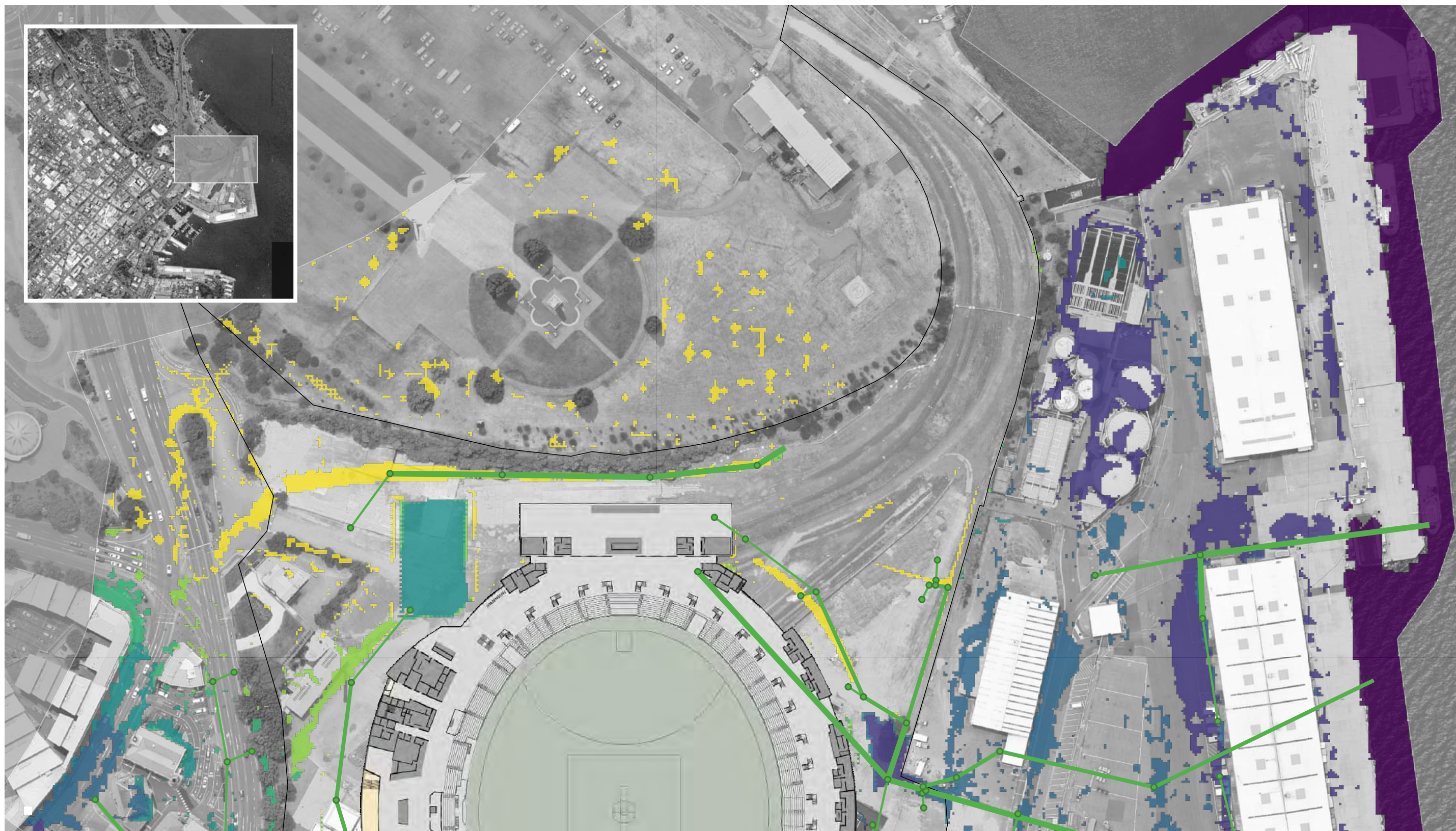


Figure 10.1: Peak Water Level - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

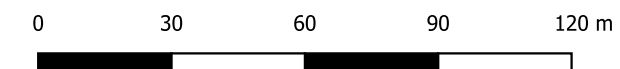
AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

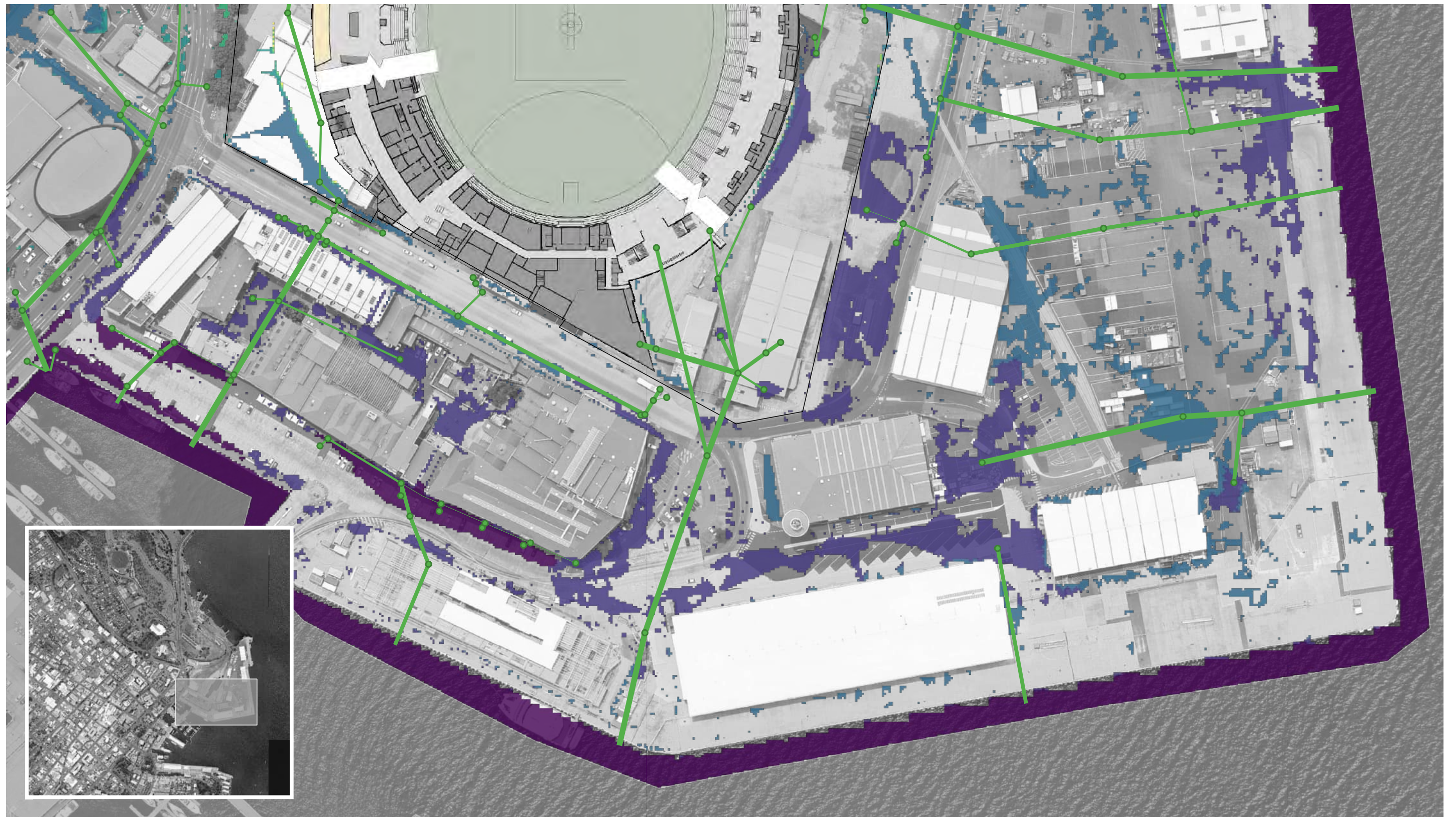


Figure 10.2: Peak Water Level - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

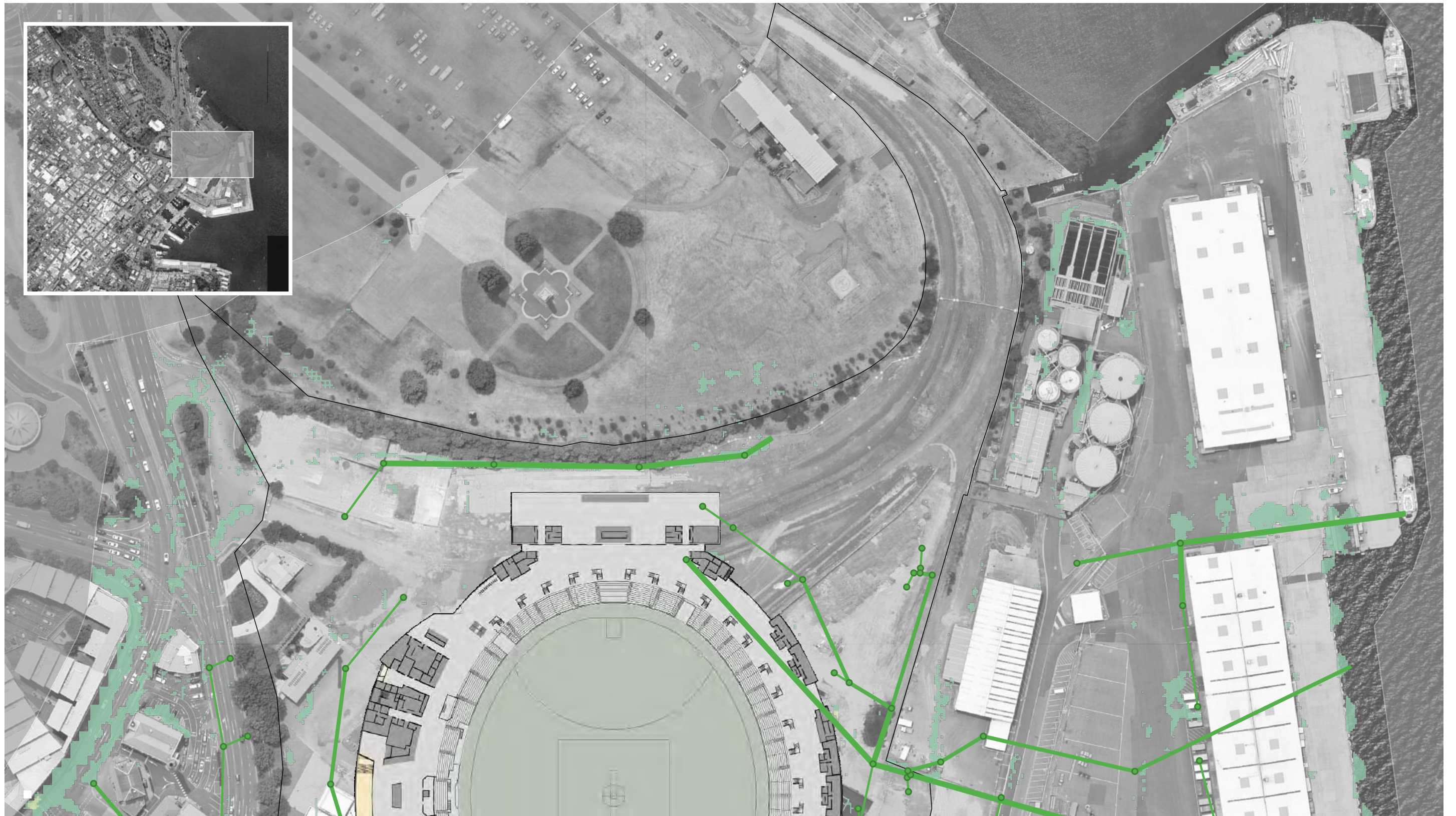


Figure 11.1: Peak Velocity - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 11.2: Peak Velocity - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

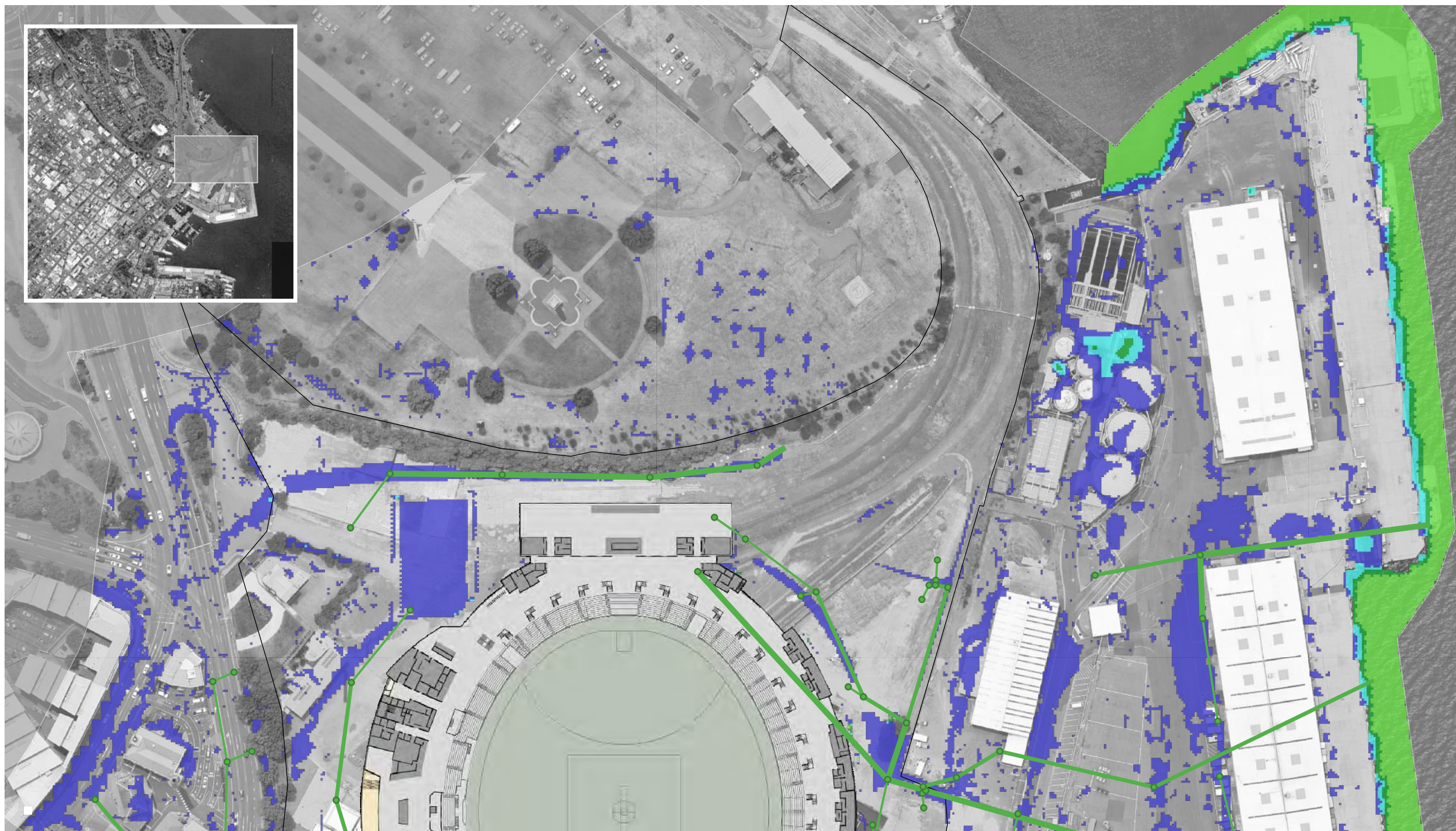


Figure 12.1: Peak Hazard - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 12.2: Peak Hazard - 1% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

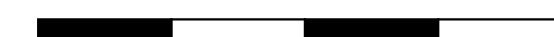
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

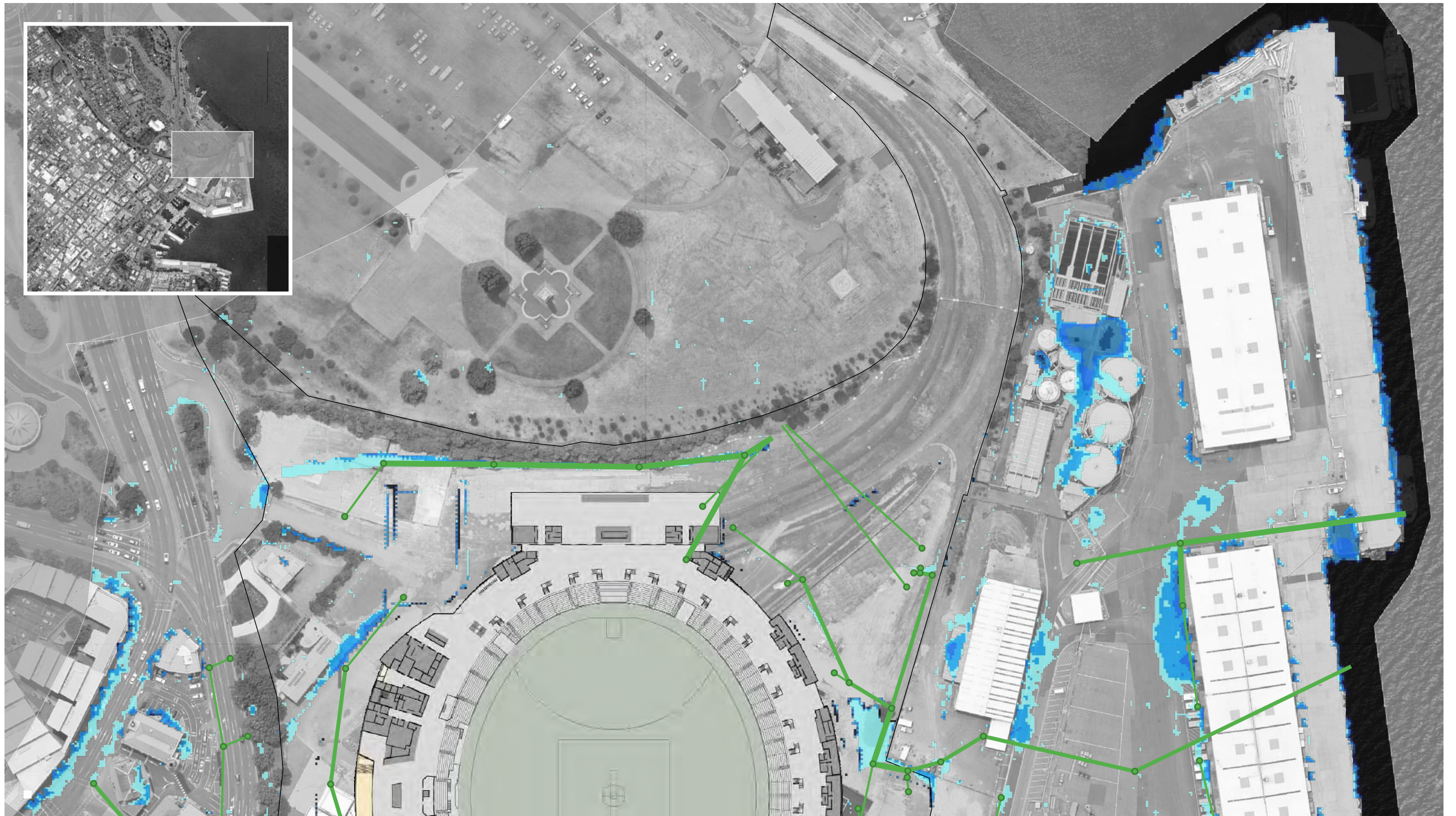


Figure 13.1: Peak Depth - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 13.2: Peak Depth - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary		Drainage Network Pit	Pipe Diameter (m) 0.1 - 0.225 0.225 - 0.3 0.3 - 0.45 0.45 - 3	Peak Depth (m) 0.05 - 0.10 0.10 - 0.20 0.20 - 0.30 0.30 - 0.50	0.50 - 0.75 0.75 - 1.00 > 1.00
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		 N 0 30 60 90 120 m 		
			COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700		

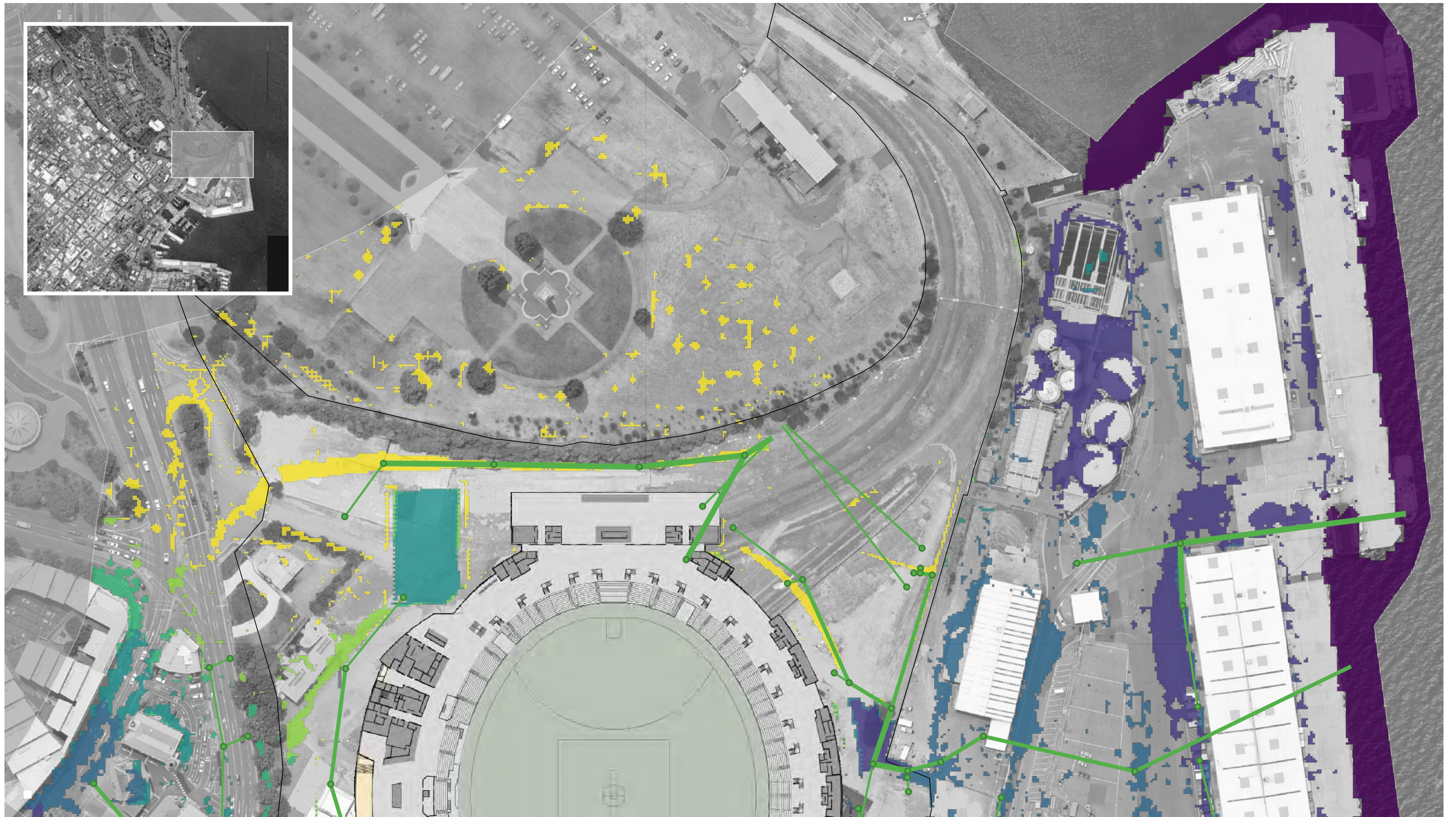


Figure 14.1: Peak Water Level - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

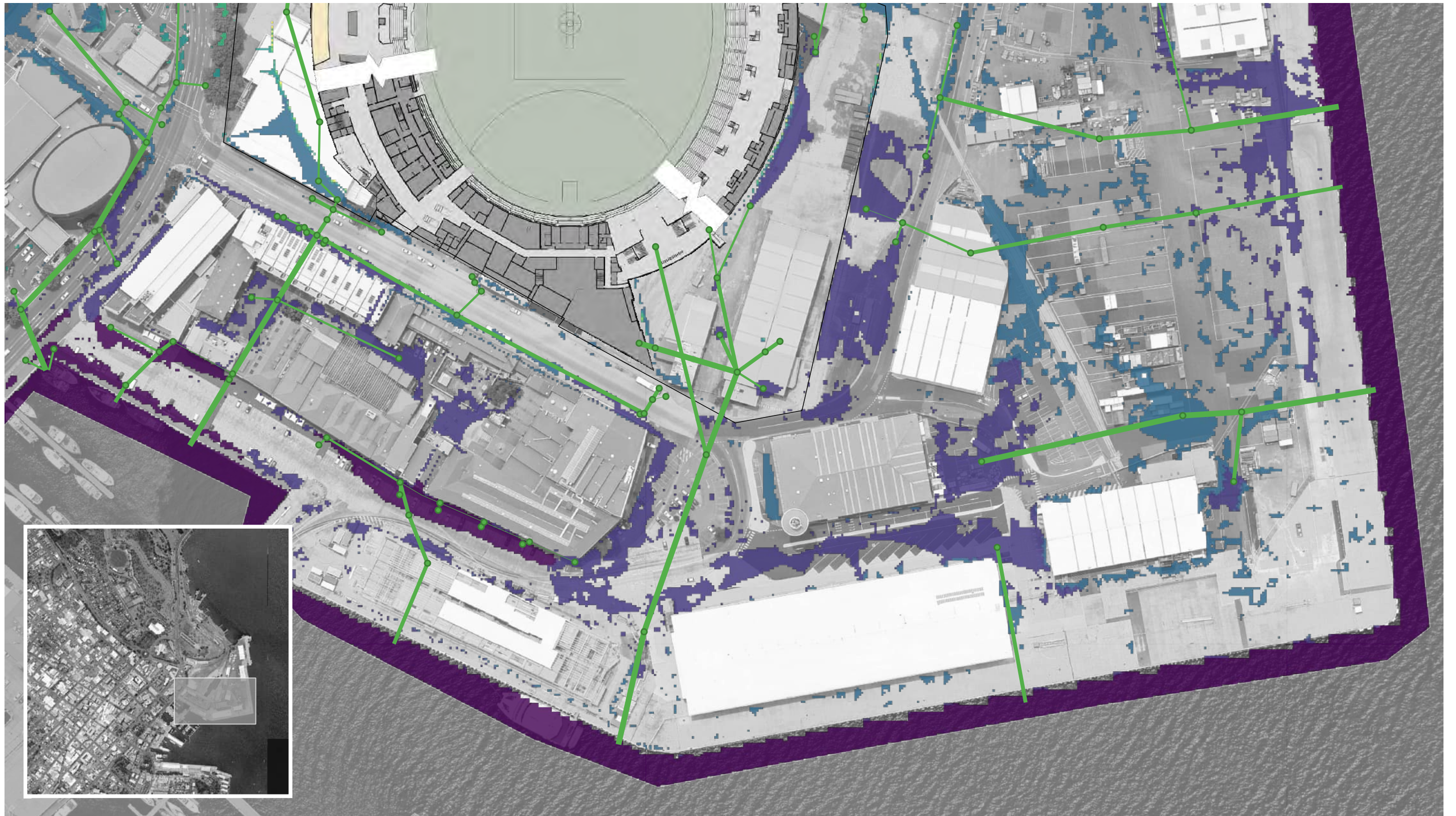


Figure 14.2: Peak Water Level - 1% AEP 2030
 Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

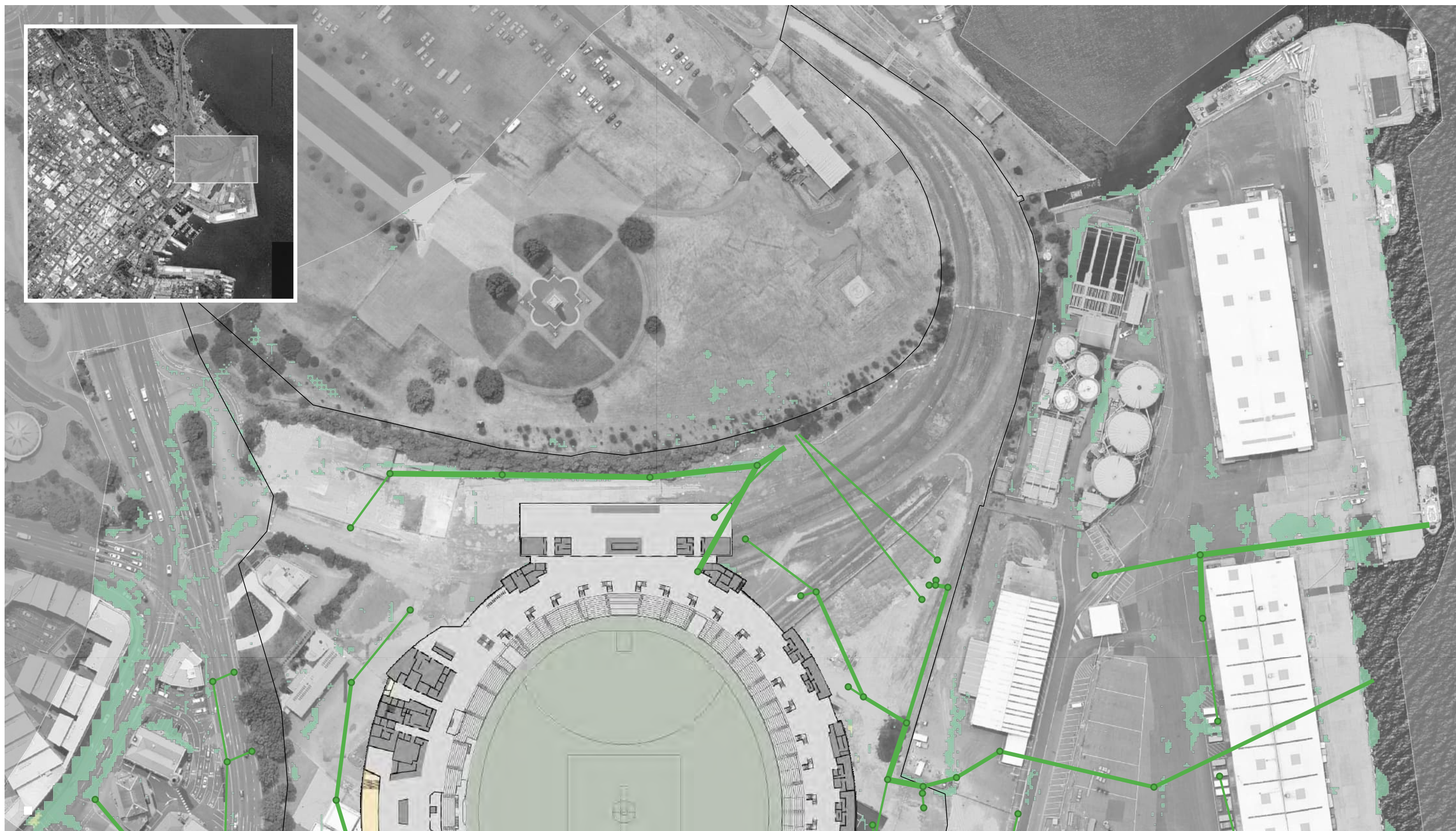


Figure 15.1: Peak Velocity - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 15.2: Peak Velocity - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Velocity (m/s)
— 0.25 - 1
— 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

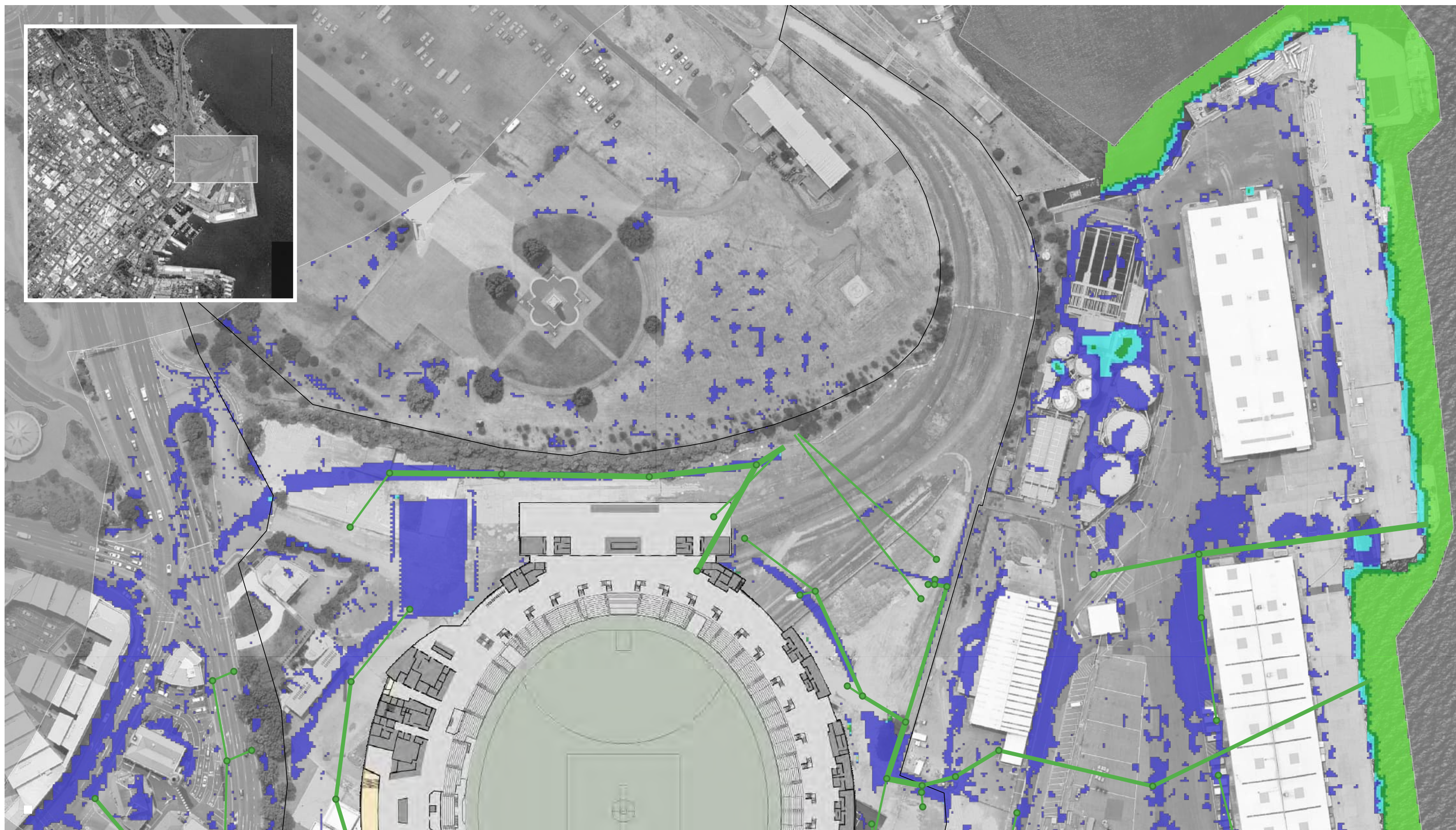


Figure 16.1: Peak Hazard - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

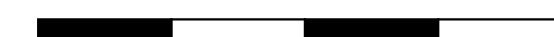
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

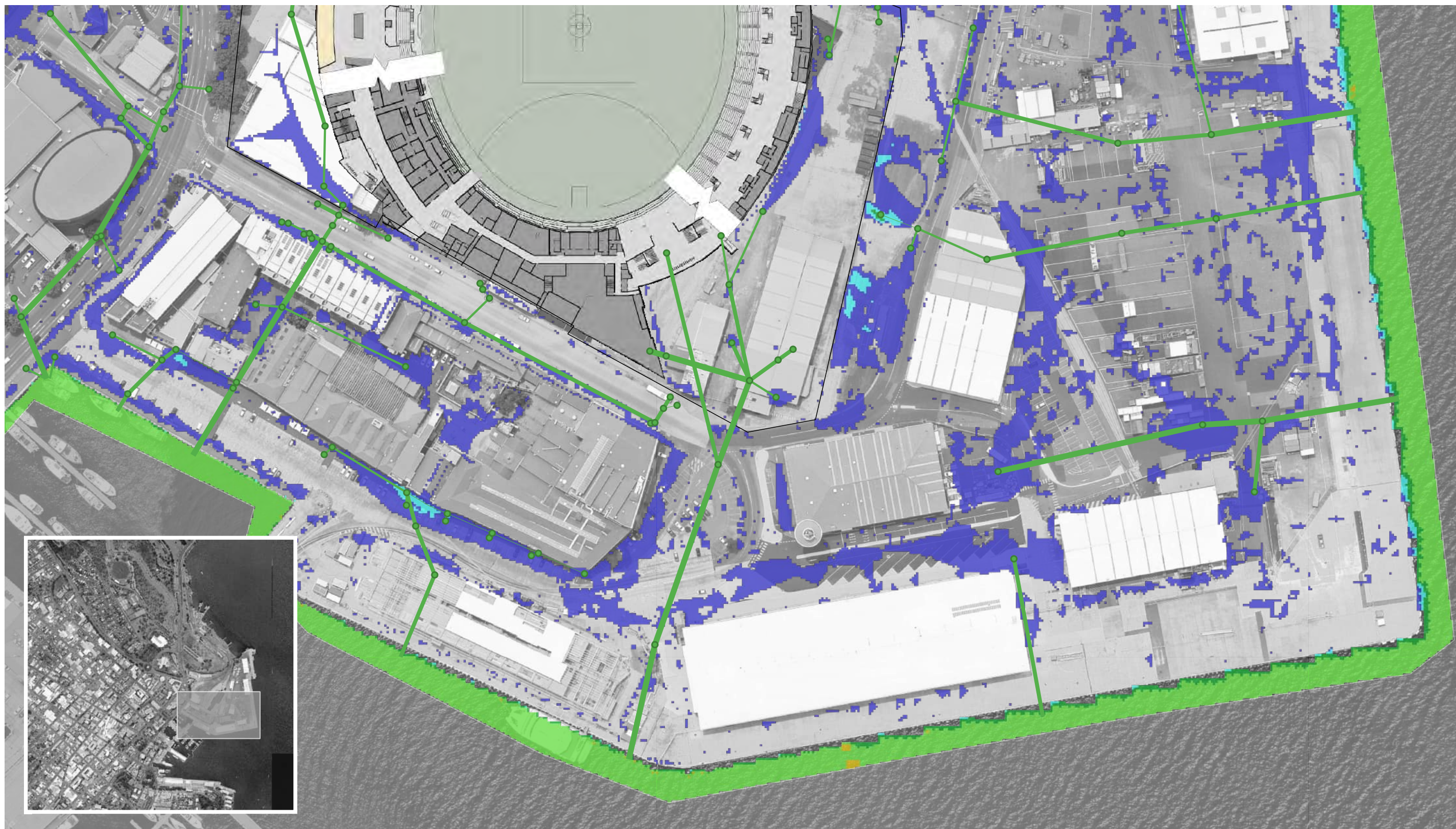


Figure 16.2: Peak Hazard - 1% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

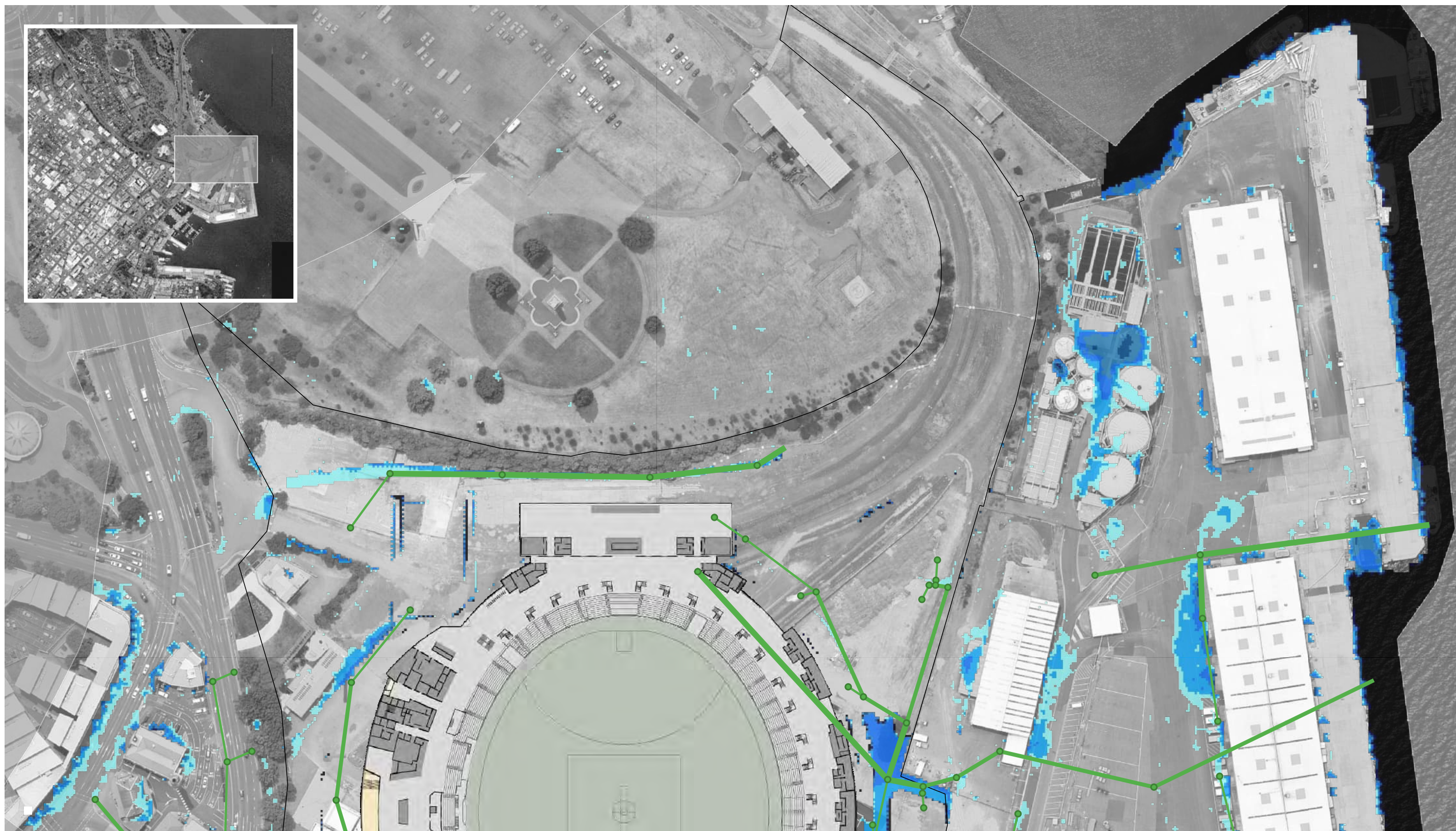


Figure 17.1: Peak Depth - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 17.2: Peak Depth - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

 0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

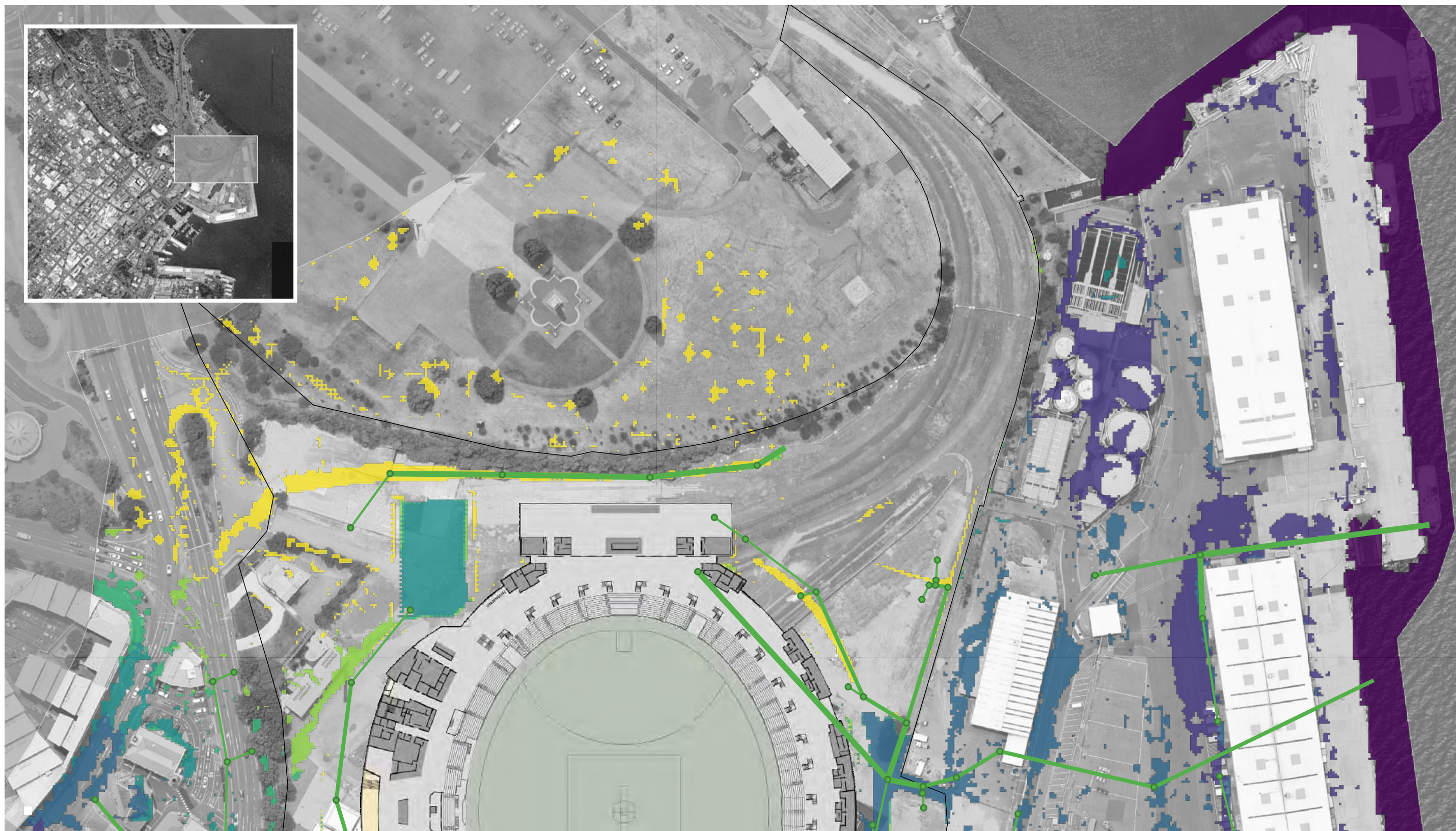


Figure 18.1: Peak Water Level - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

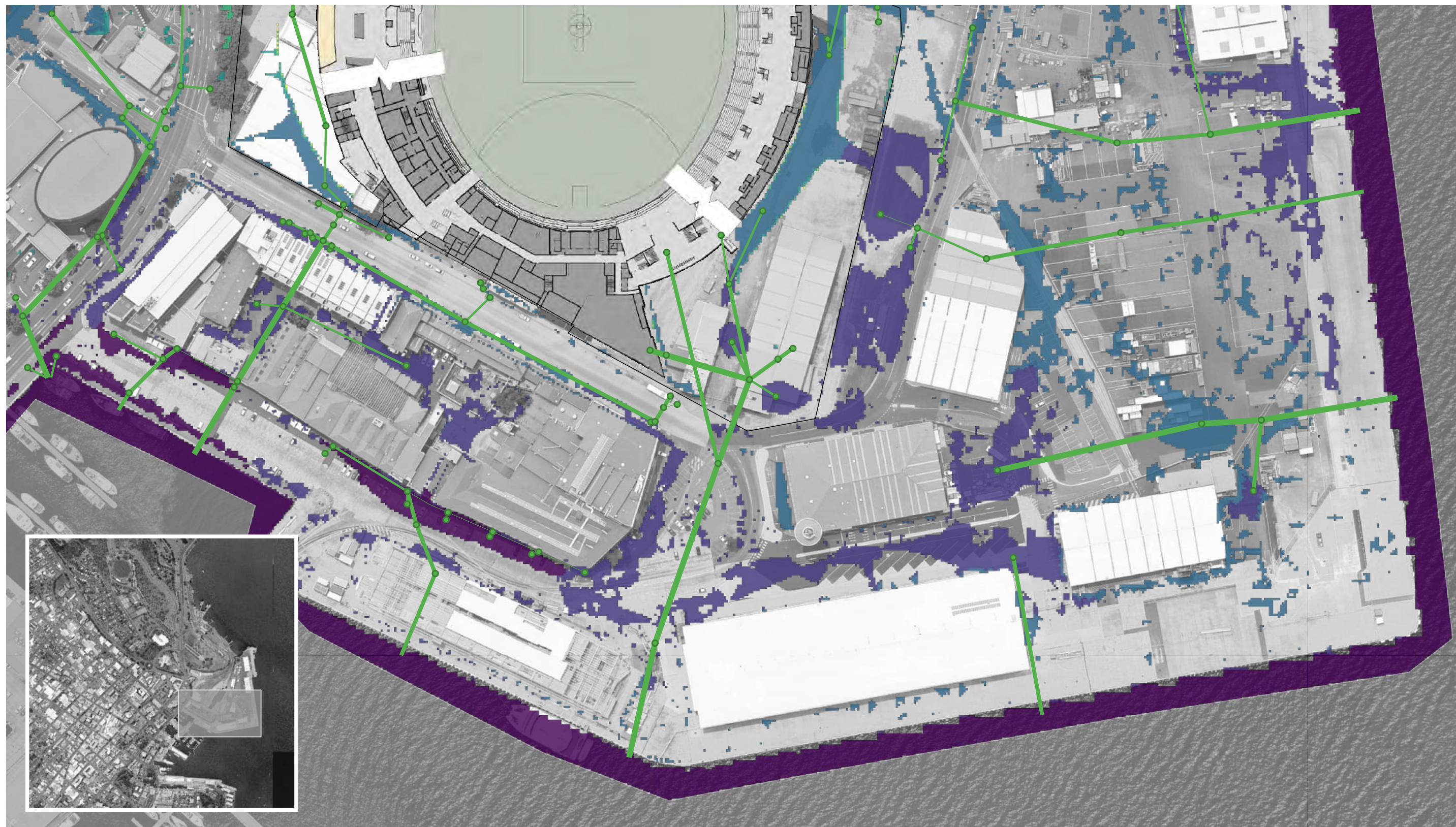


Figure 18.2: Peak Water Level - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

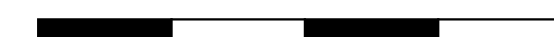
5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

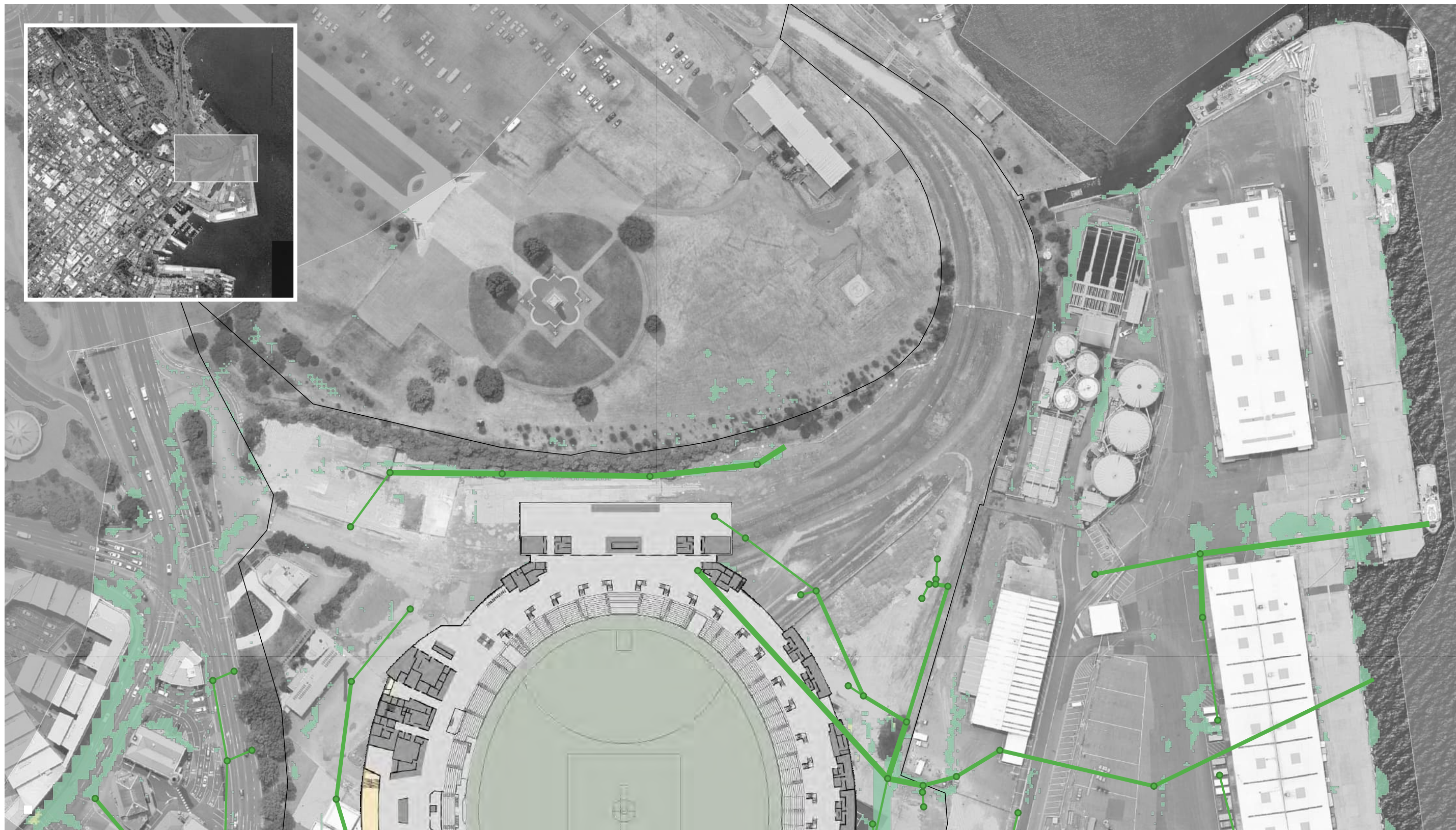


Figure 19.1: Peak Velocity - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

 2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

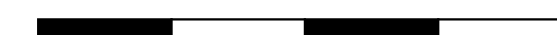
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 19.2: Peak Velocity - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

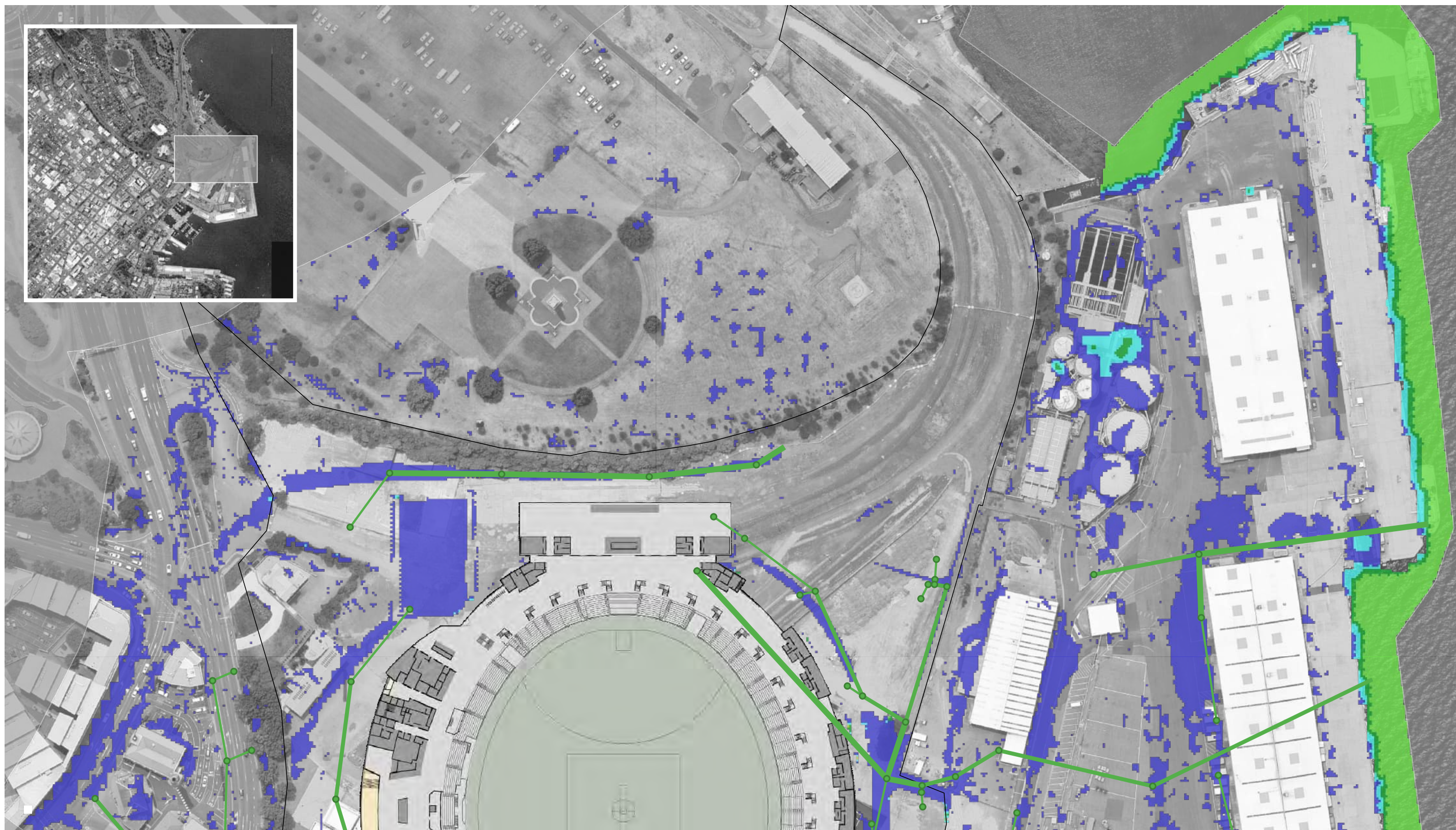


Figure 20.1: Peak Hazard - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 20.2: Peak Hazard - 1% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

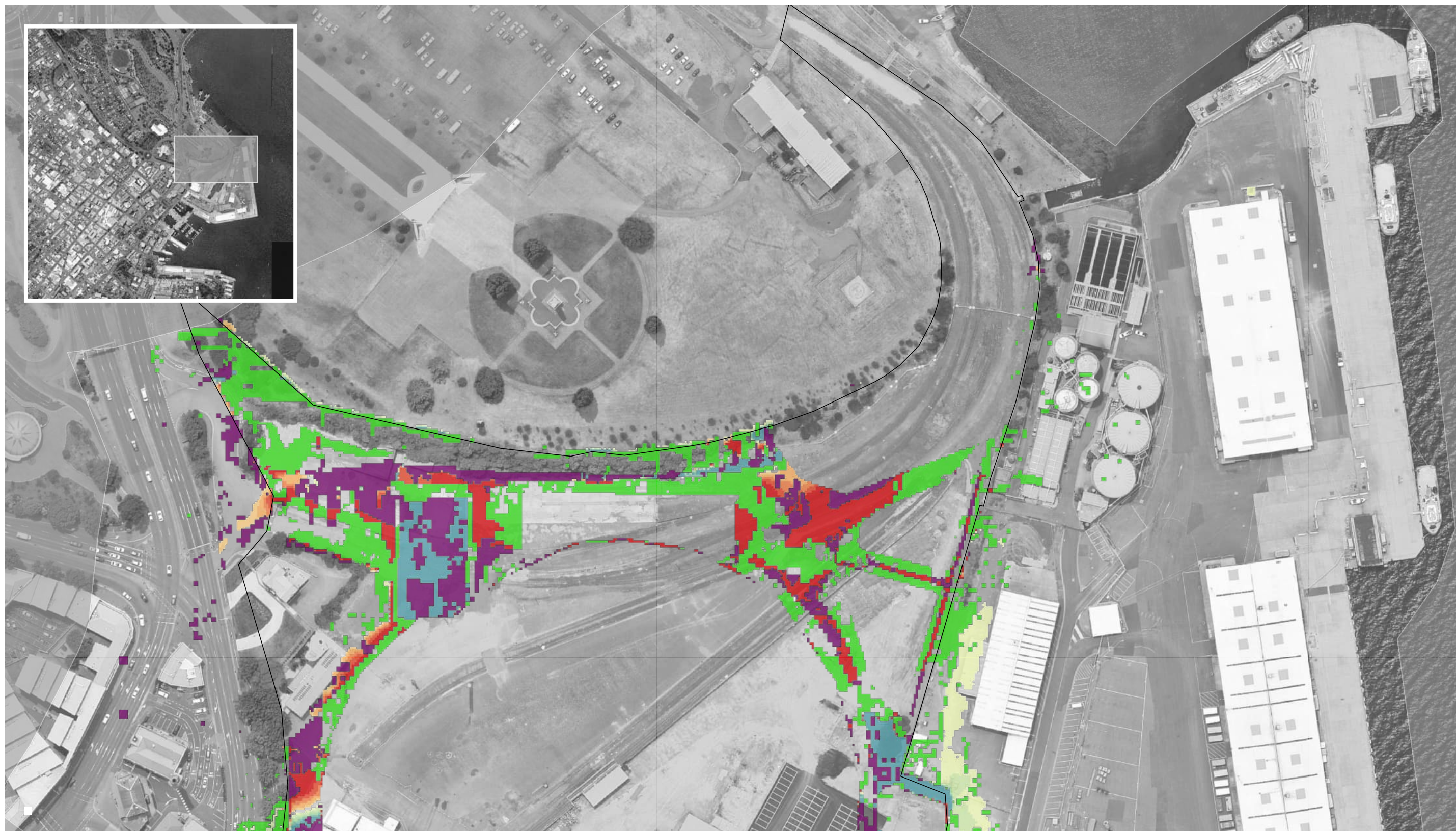


Figure 21.1: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

<= -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
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0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 21.2: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

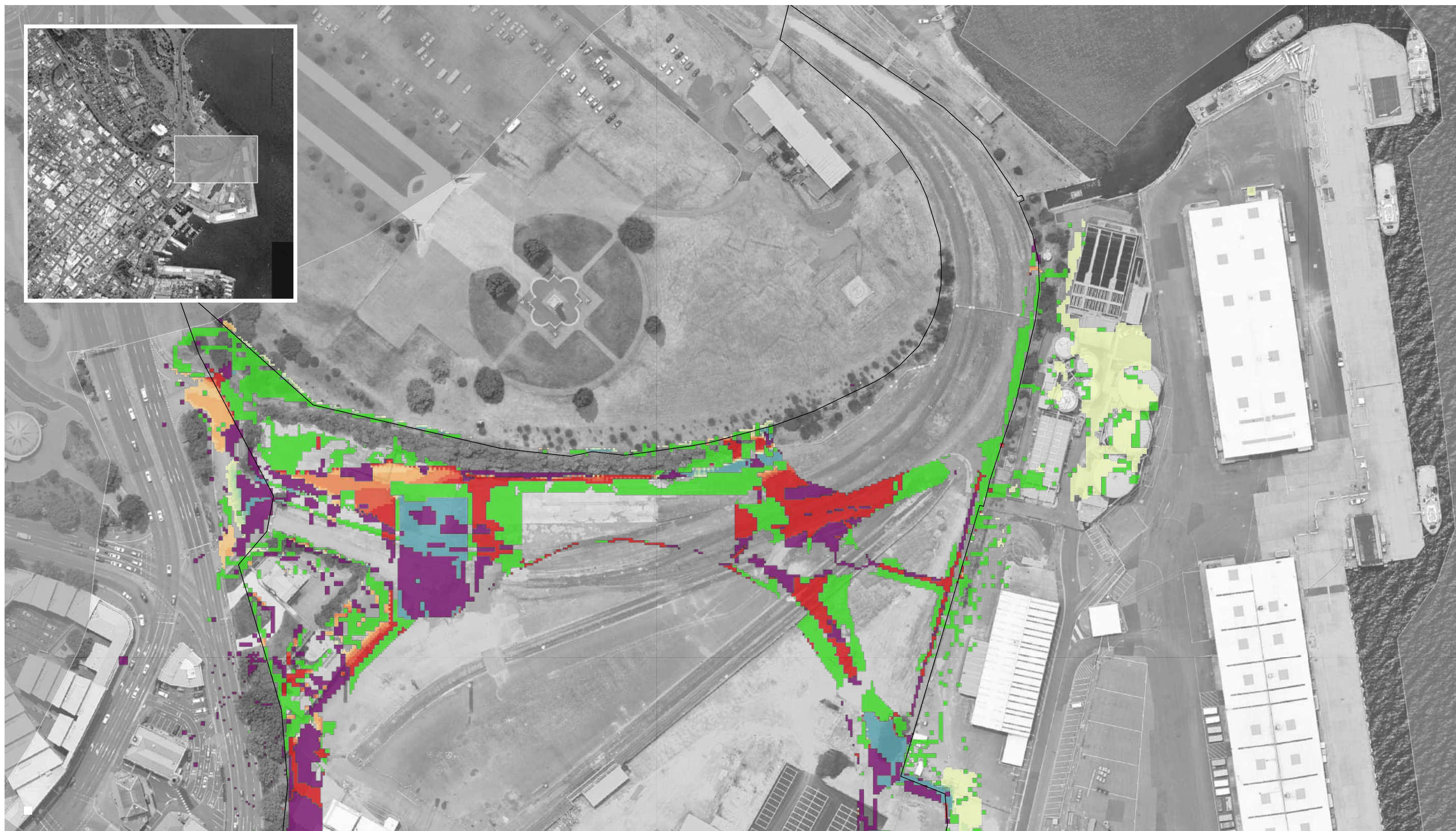


Figure 22.1: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 1

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 22.2: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

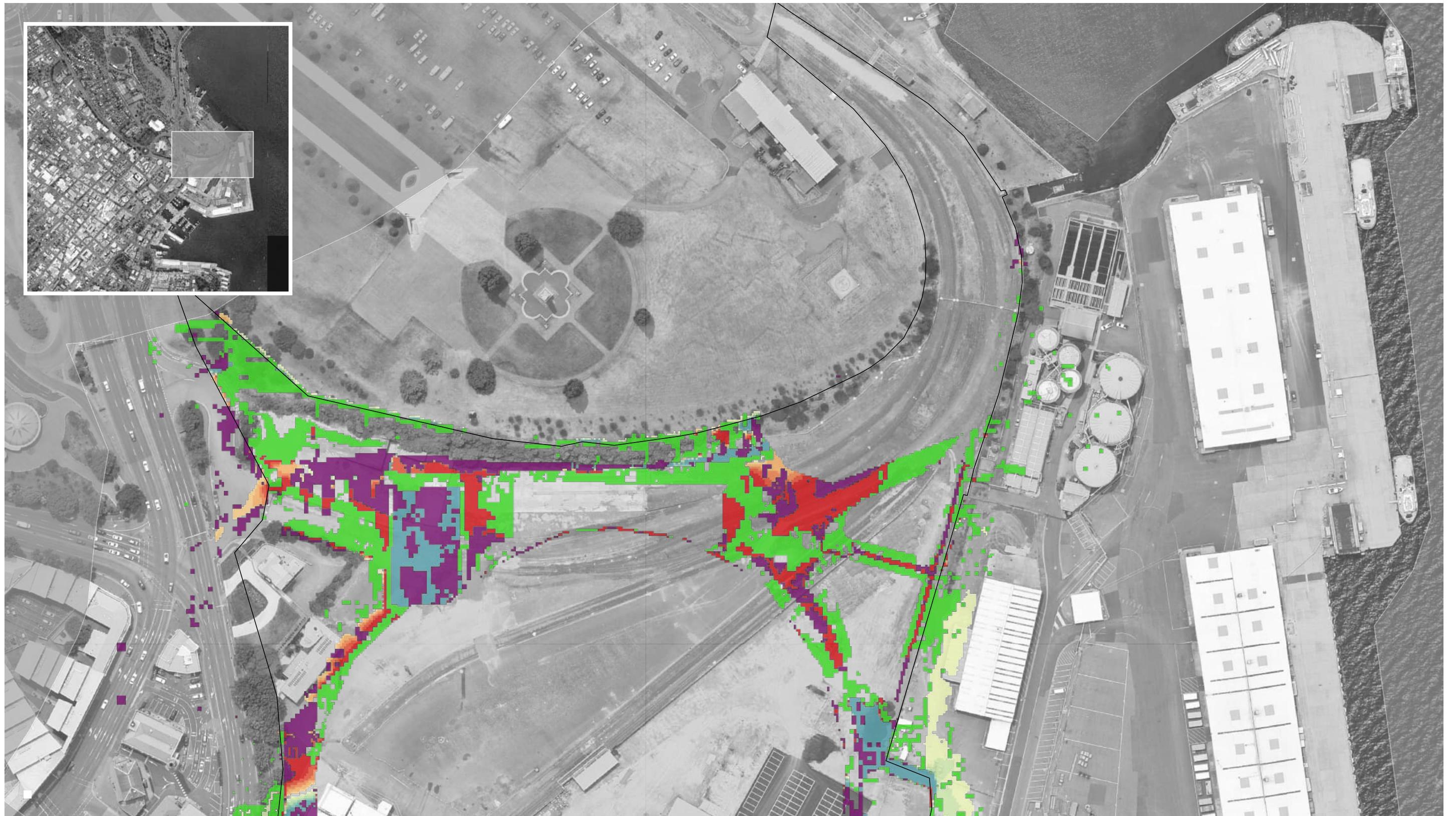


Figure 23.1: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

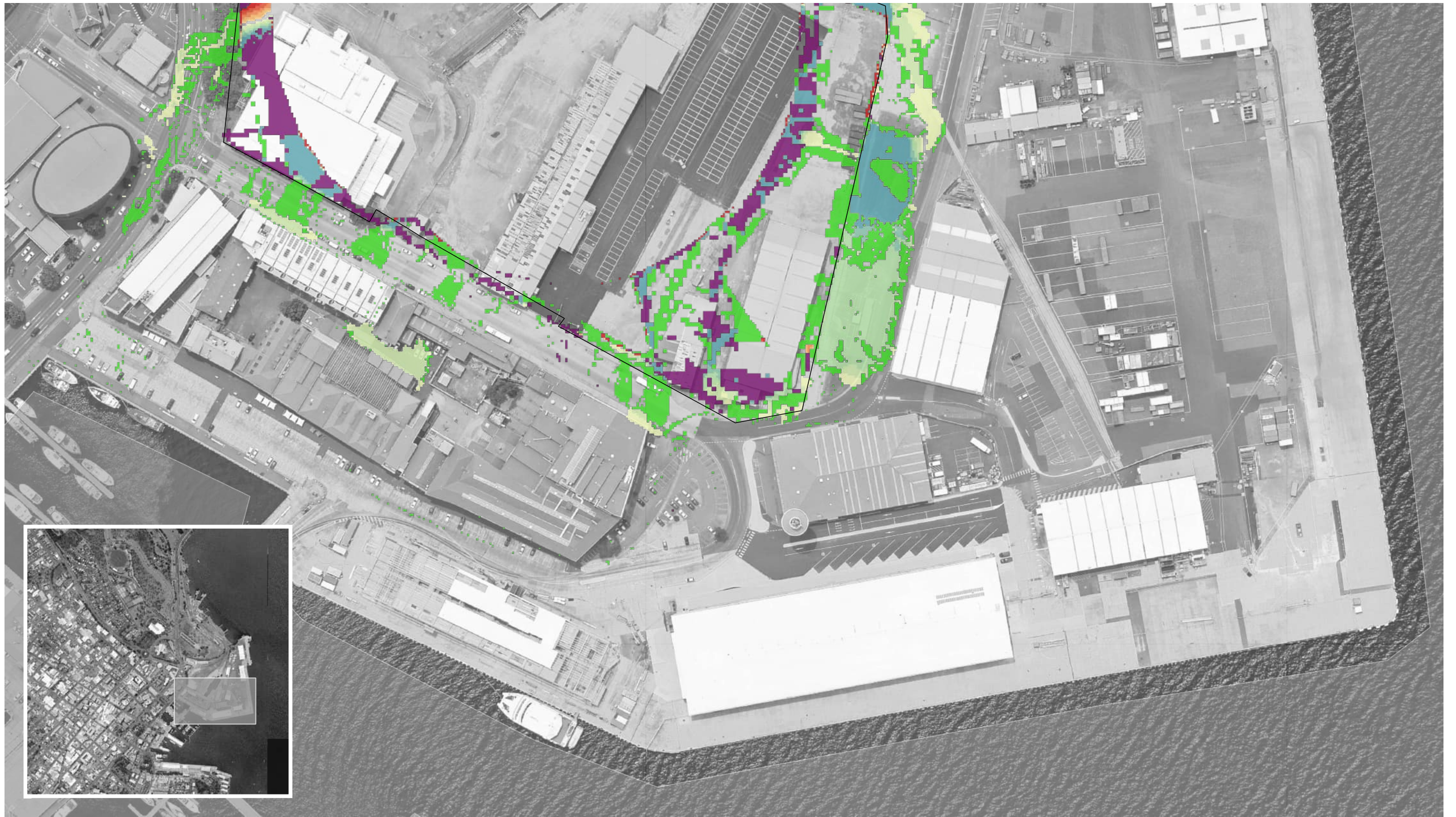


Figure 23.2: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

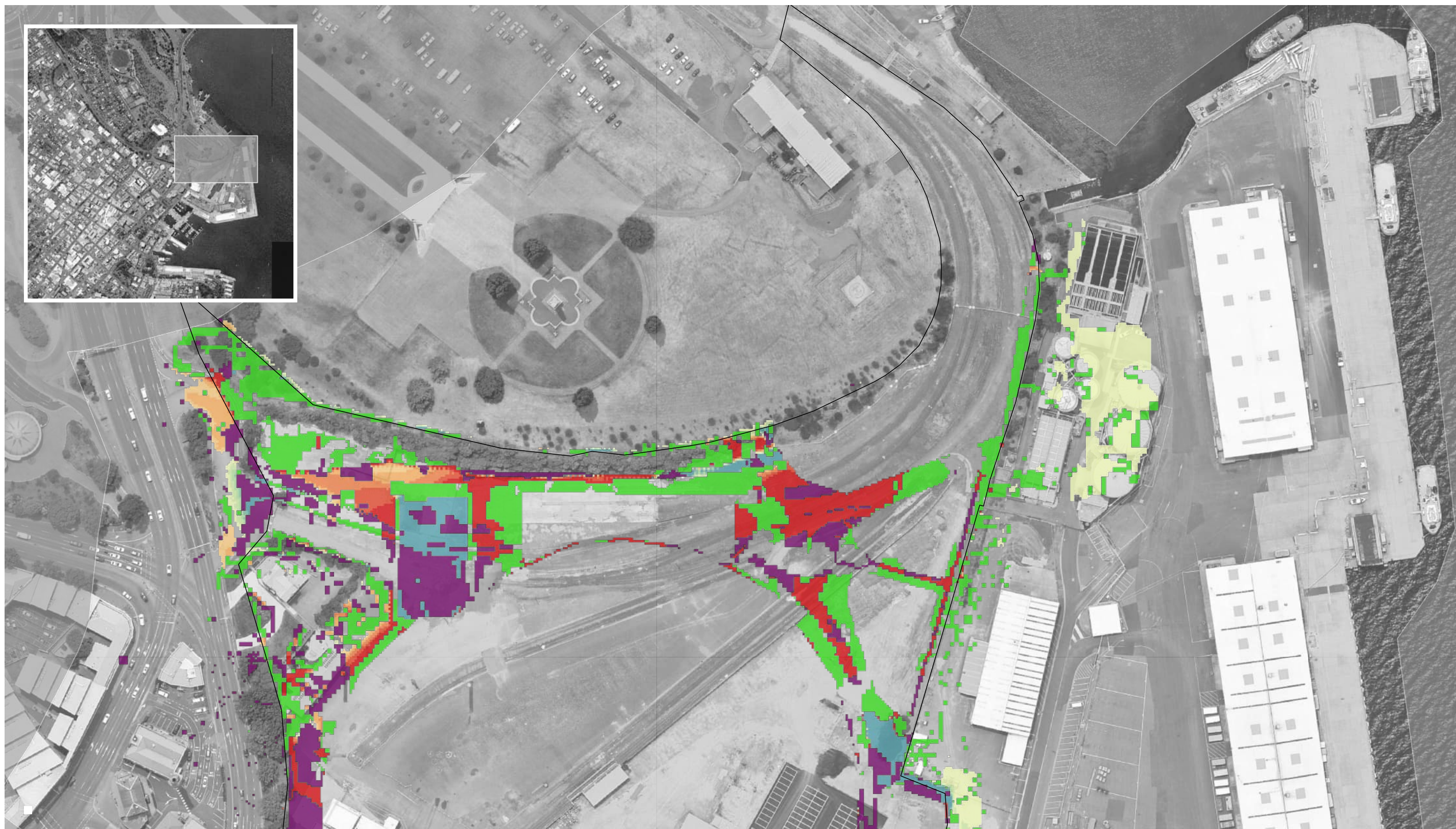


Figure 24.1: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 2

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 24.2: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 2

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

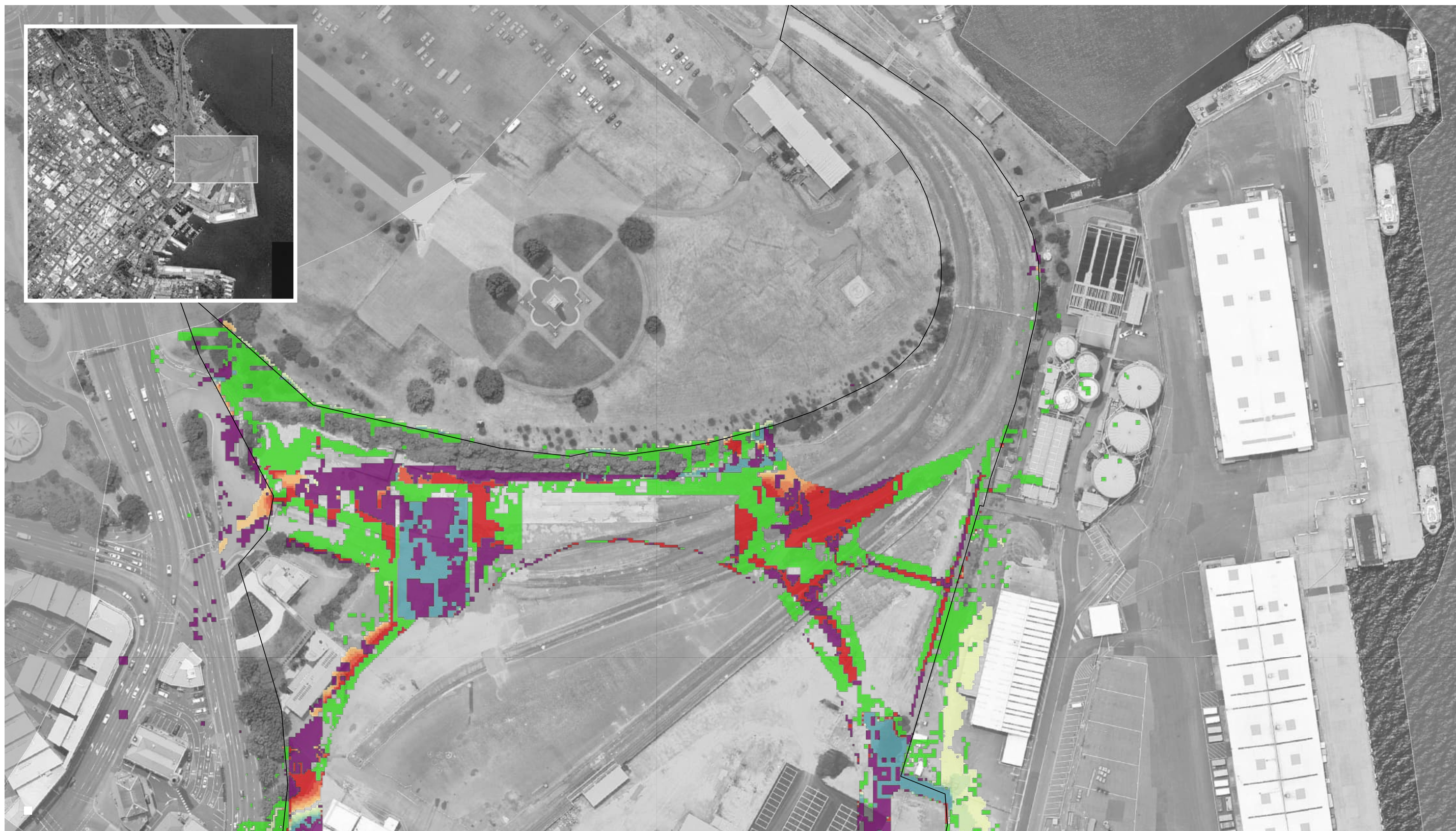


Figure 25.1: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 25.2: Water Level Afflux - 1% AEP 2030
Existing Condition 1 and Option 3

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

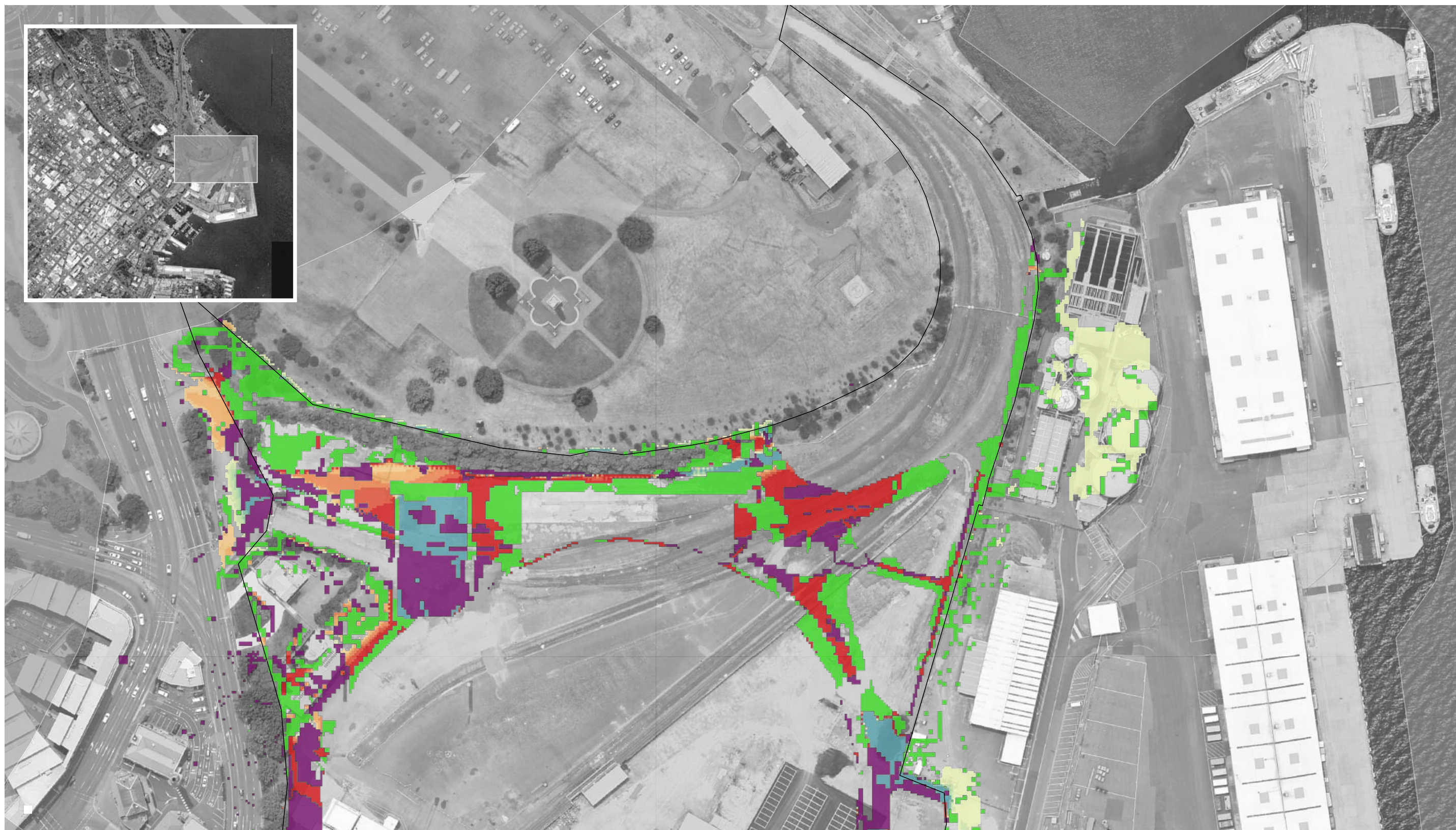


Figure 26.1: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 3

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 26.2: Water Level Afflux - 1% AEP 2030
Existing Condition 2 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

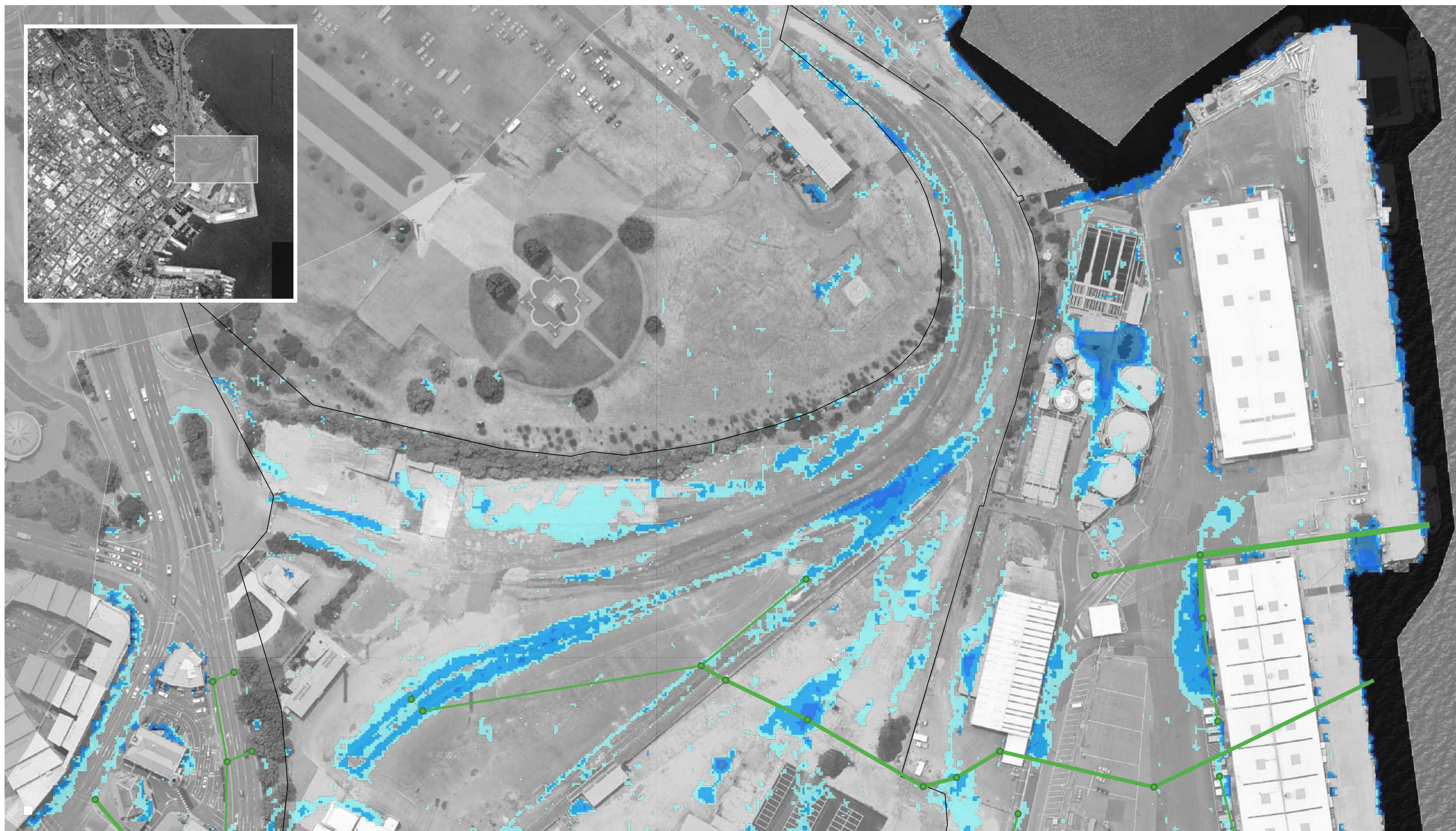


Figure 27.1: Peak Depth - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

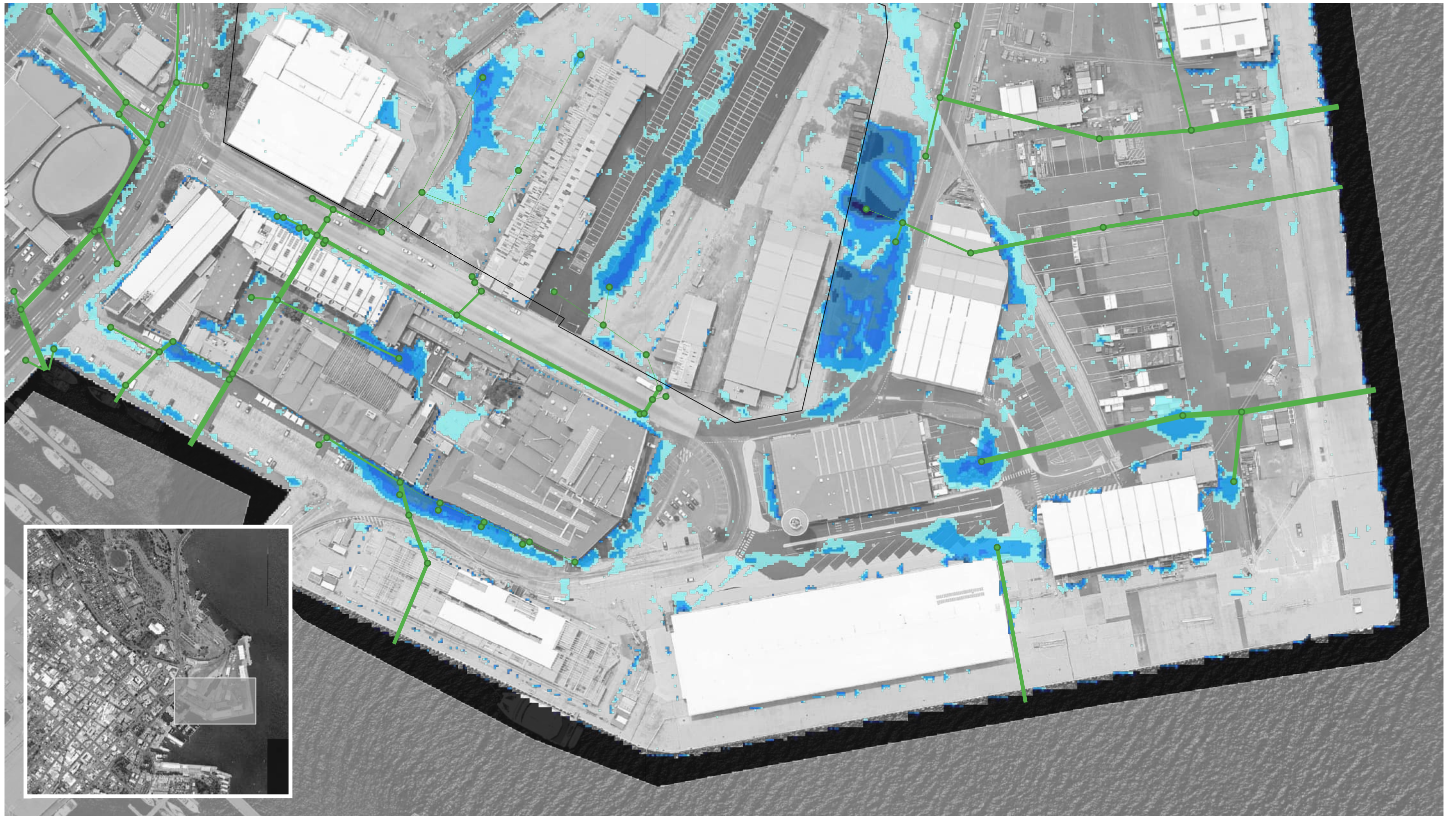


Figure 27.2: Peak Depth - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

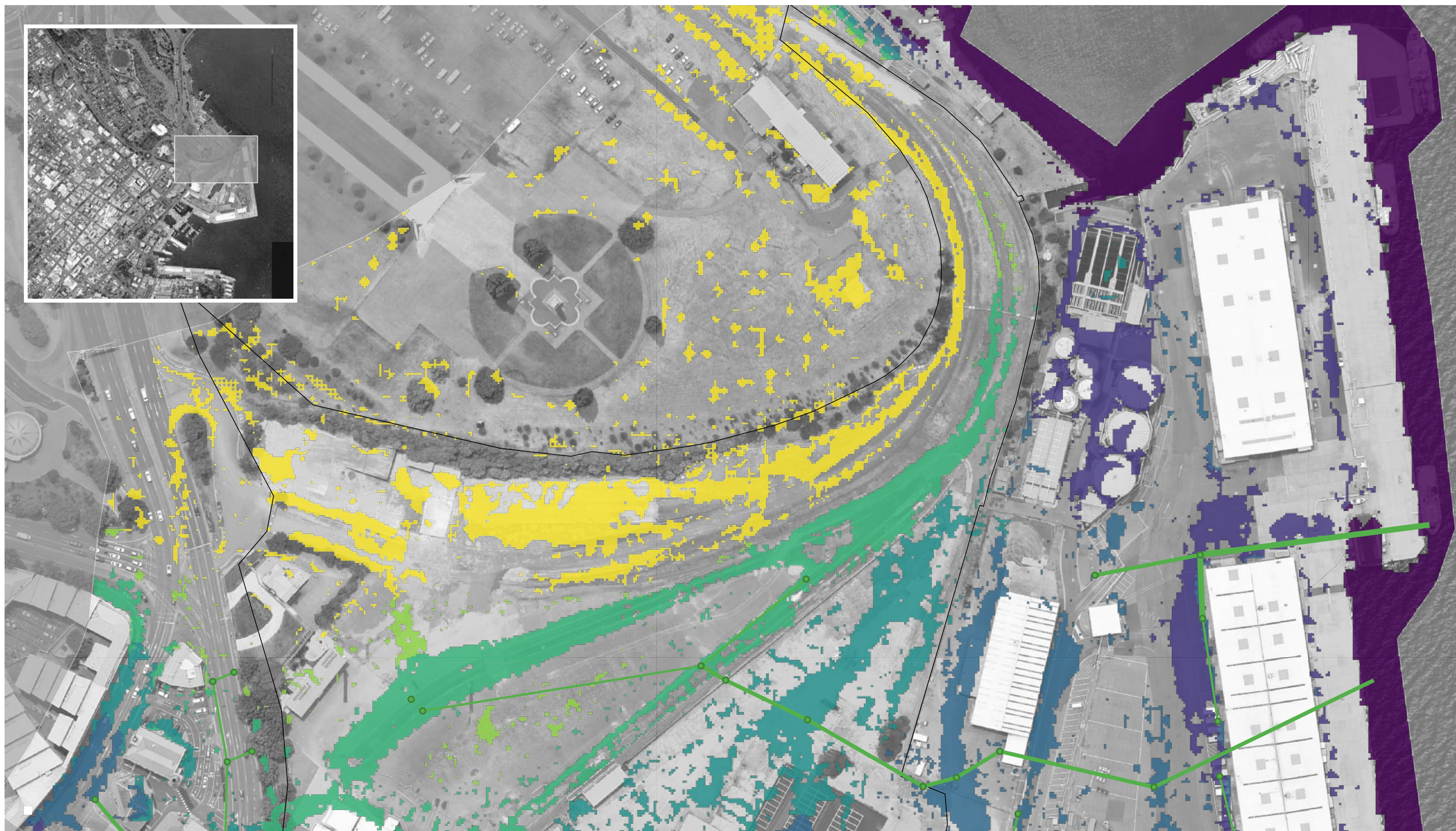


Figure 28.1: Peak Water Level - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5
 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

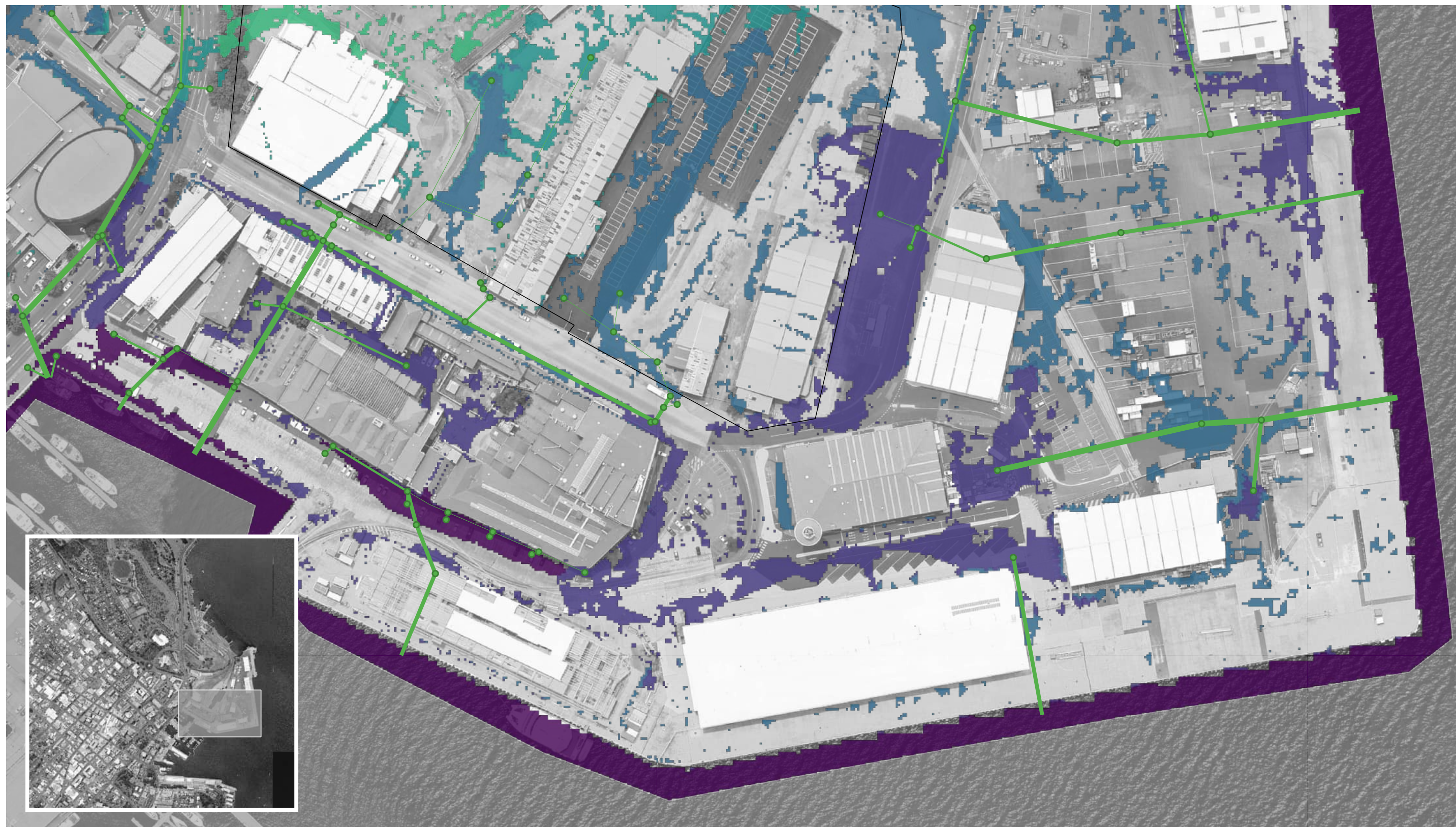


Figure 28.2: Peak Water Level - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

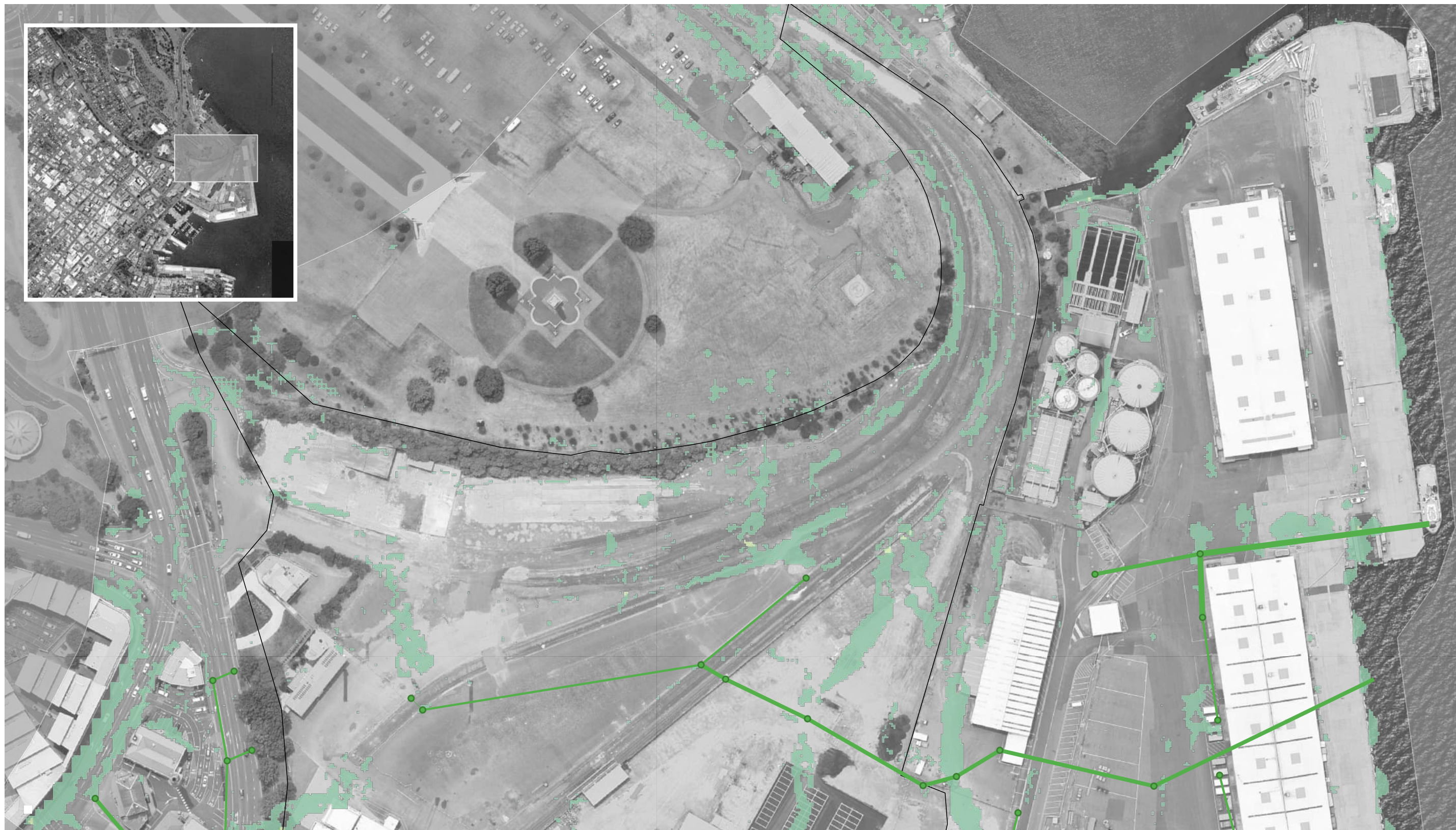


Figure 29.1: Peak Velocity - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 29.2: Peak Velocity - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Velocity (m/s)
— 0.25 - 1
— 1 - 2

— 2 - 3
— 3 - 4
— > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

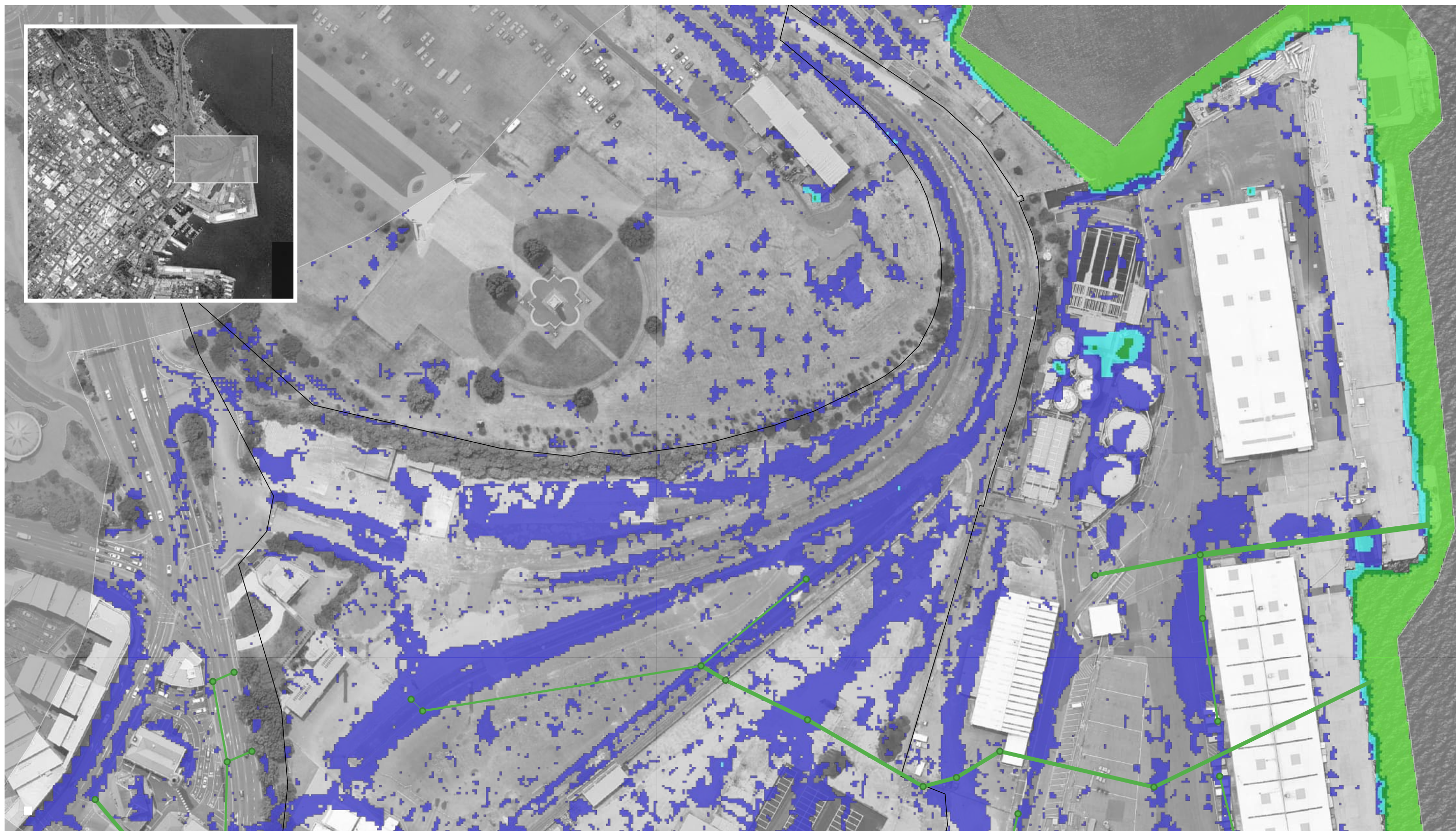


Figure 30.1: Peak Hazard - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

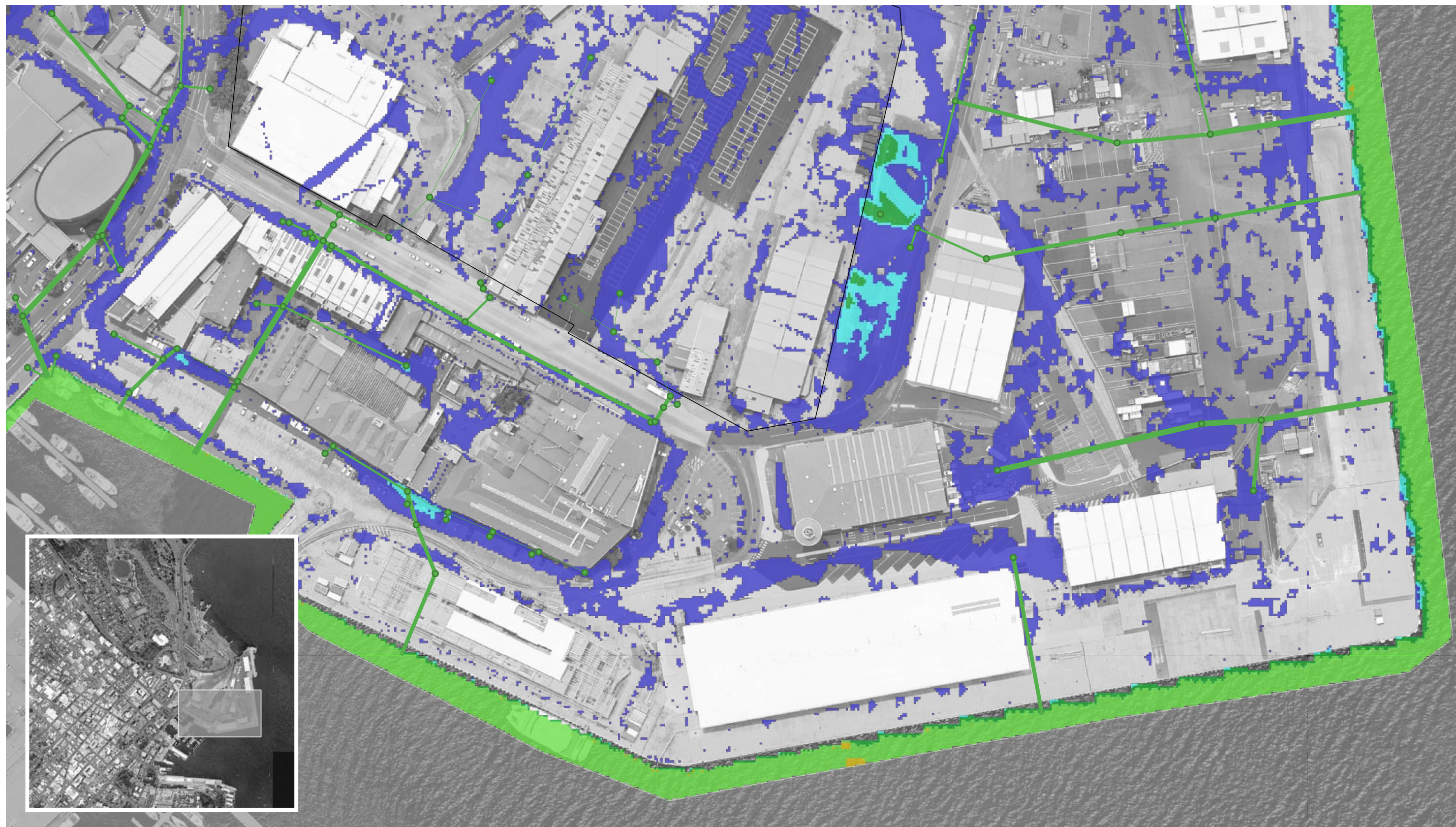


Figure 30.2: Peak Hazard - 10% AEP 2030
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

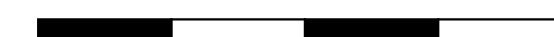
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

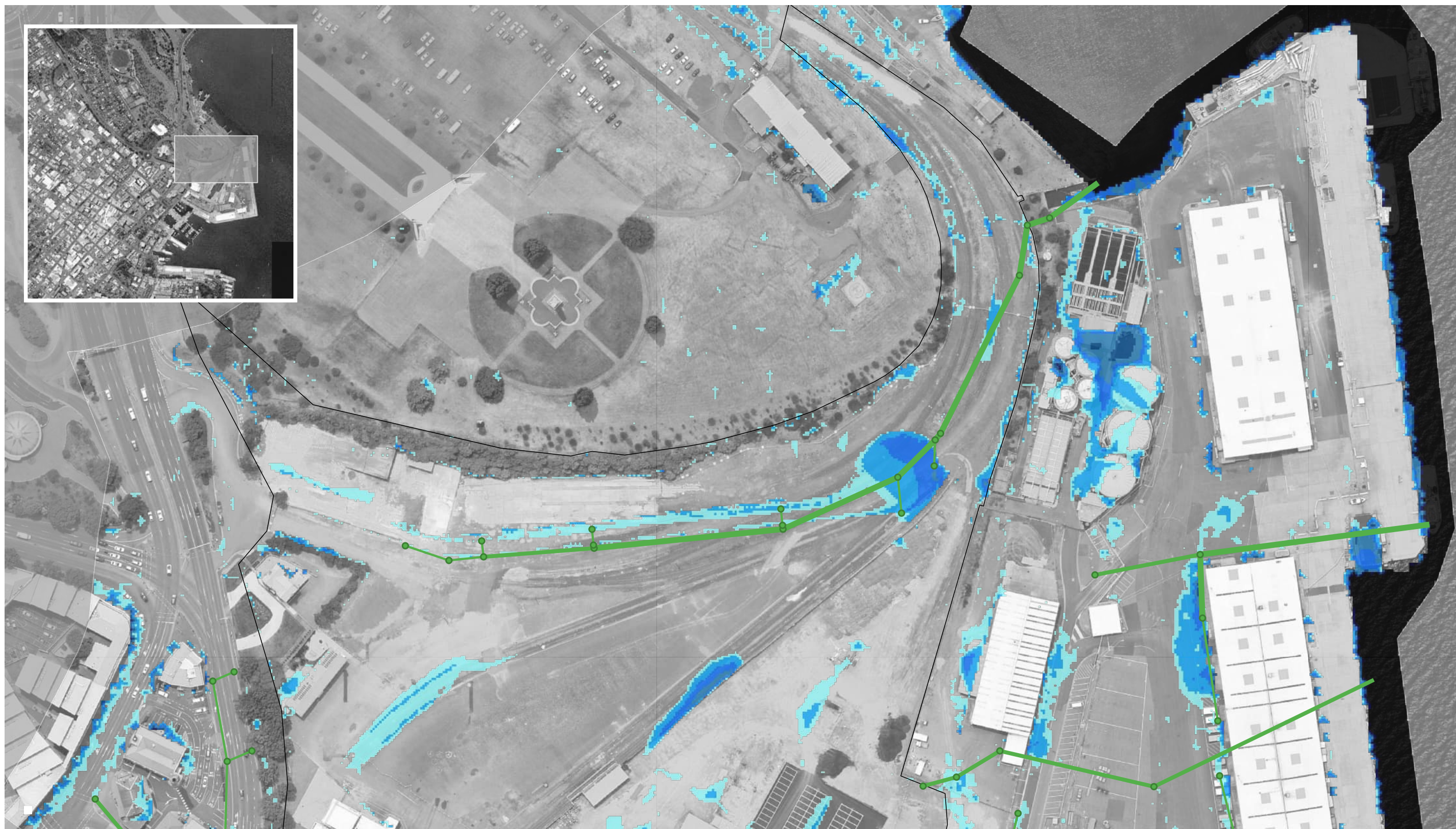


Figure 31.1: Peak Depth - 10% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

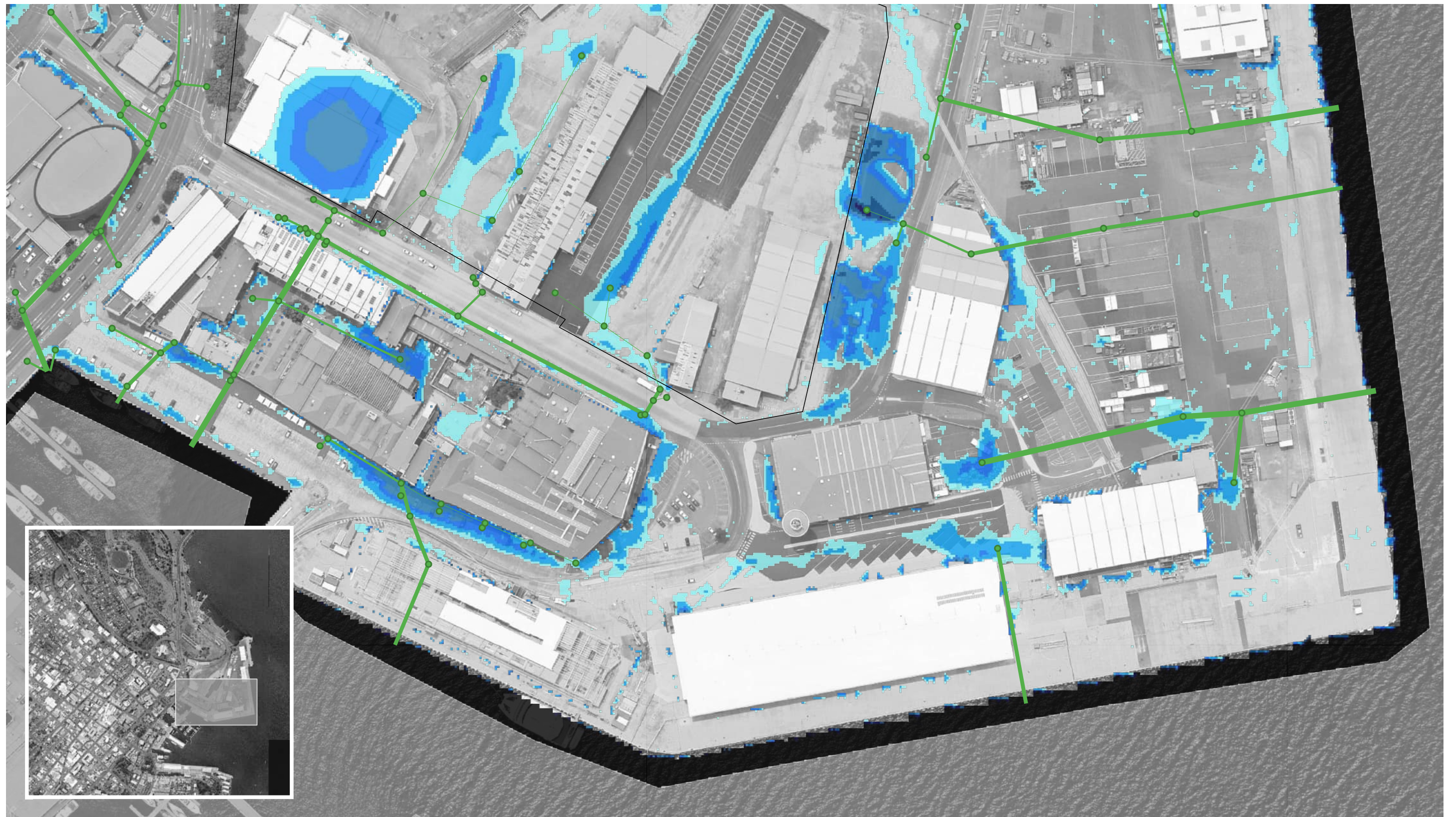


Figure 31.2: Peak Depth - 10% AEP 2030
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit ●

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

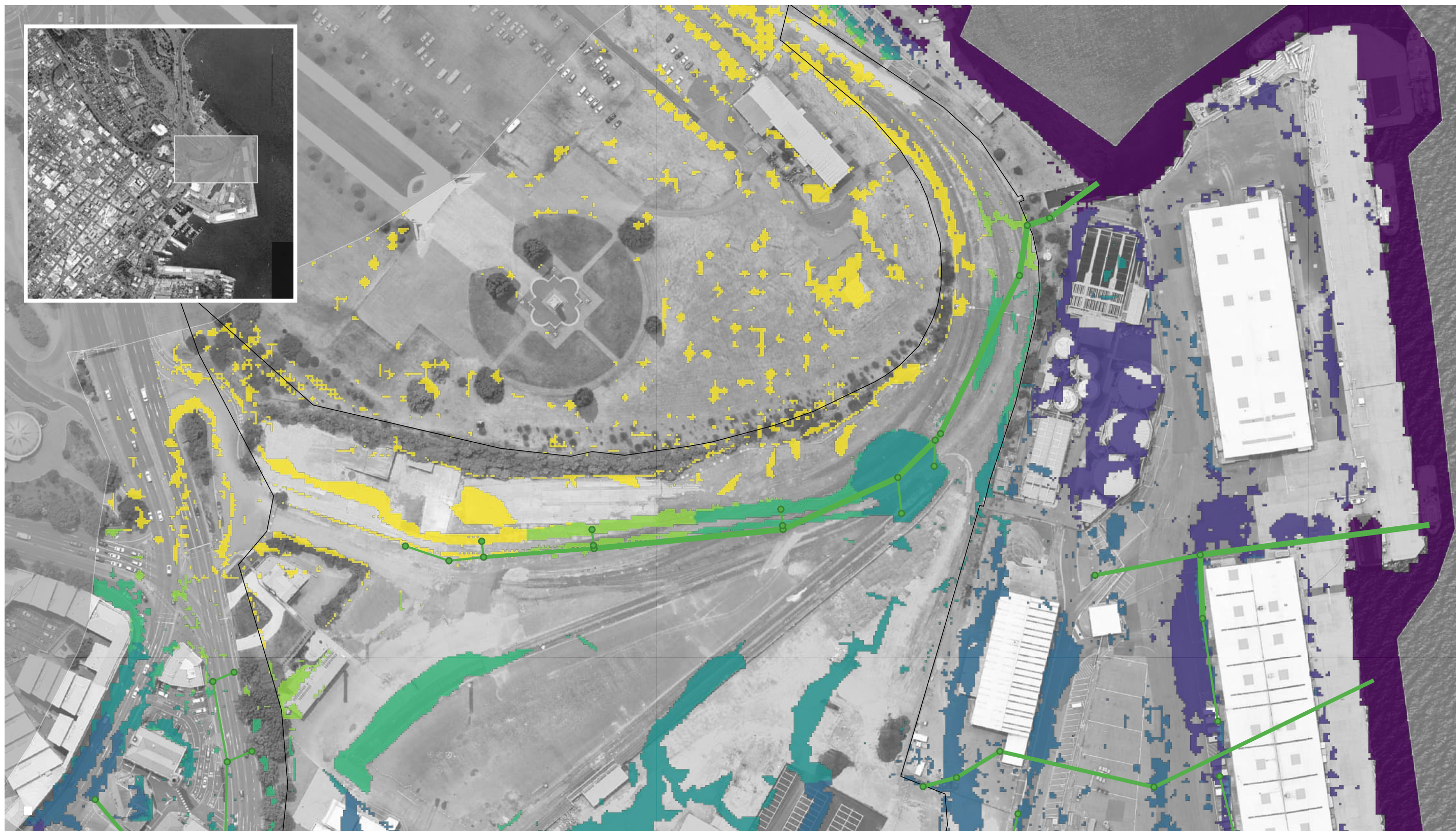


Figure 32.1: Peak Water Level - 10% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5
 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

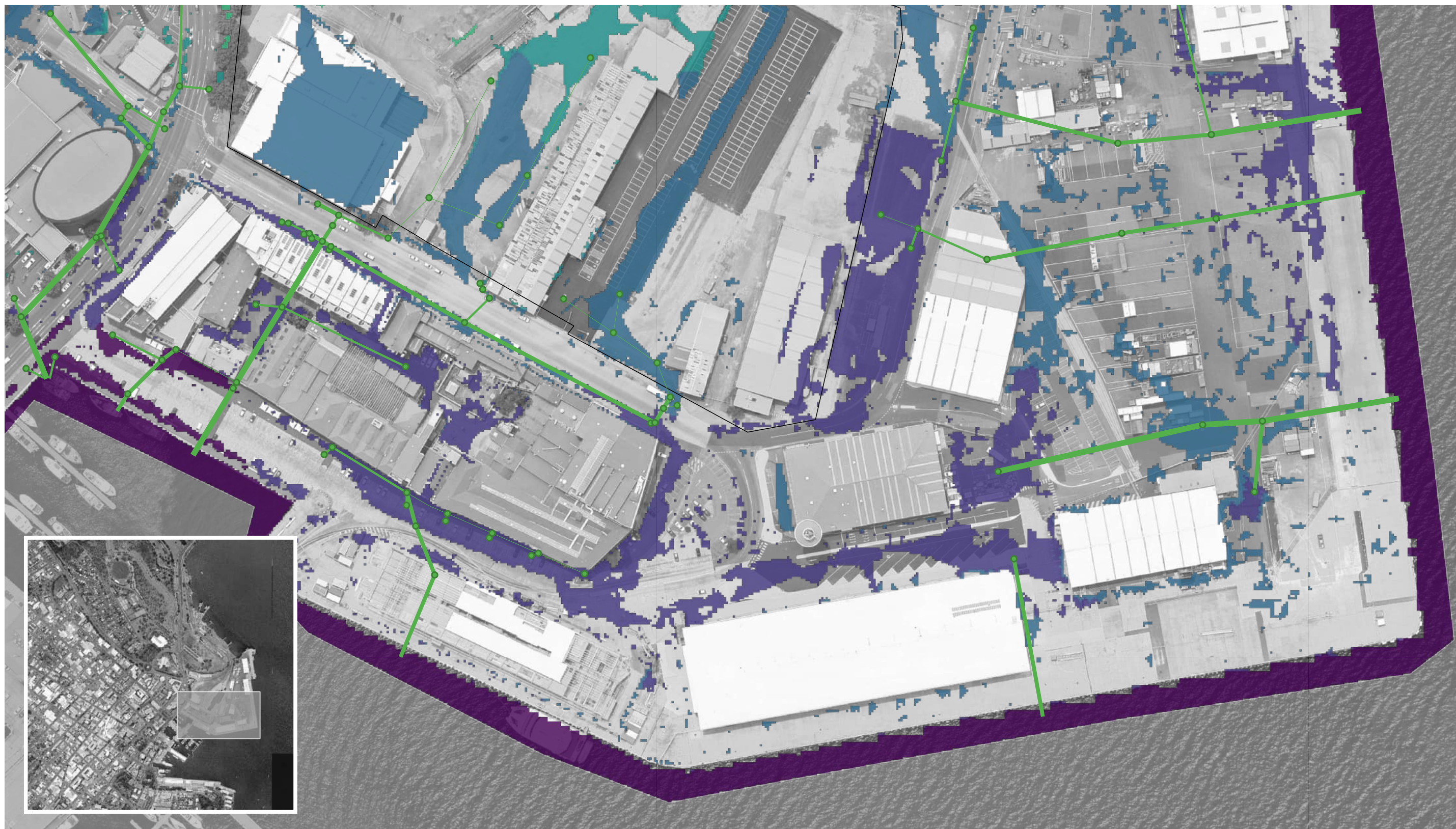


Figure 32.2: Peak Water Level - 10% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

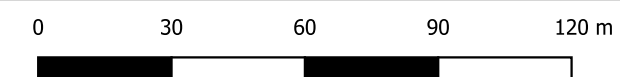
Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHd)
 <= 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 33.1: Peak Velocity - 10% AEP 2030
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 33.2: Peak Velocity - 10% AEP 2030
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

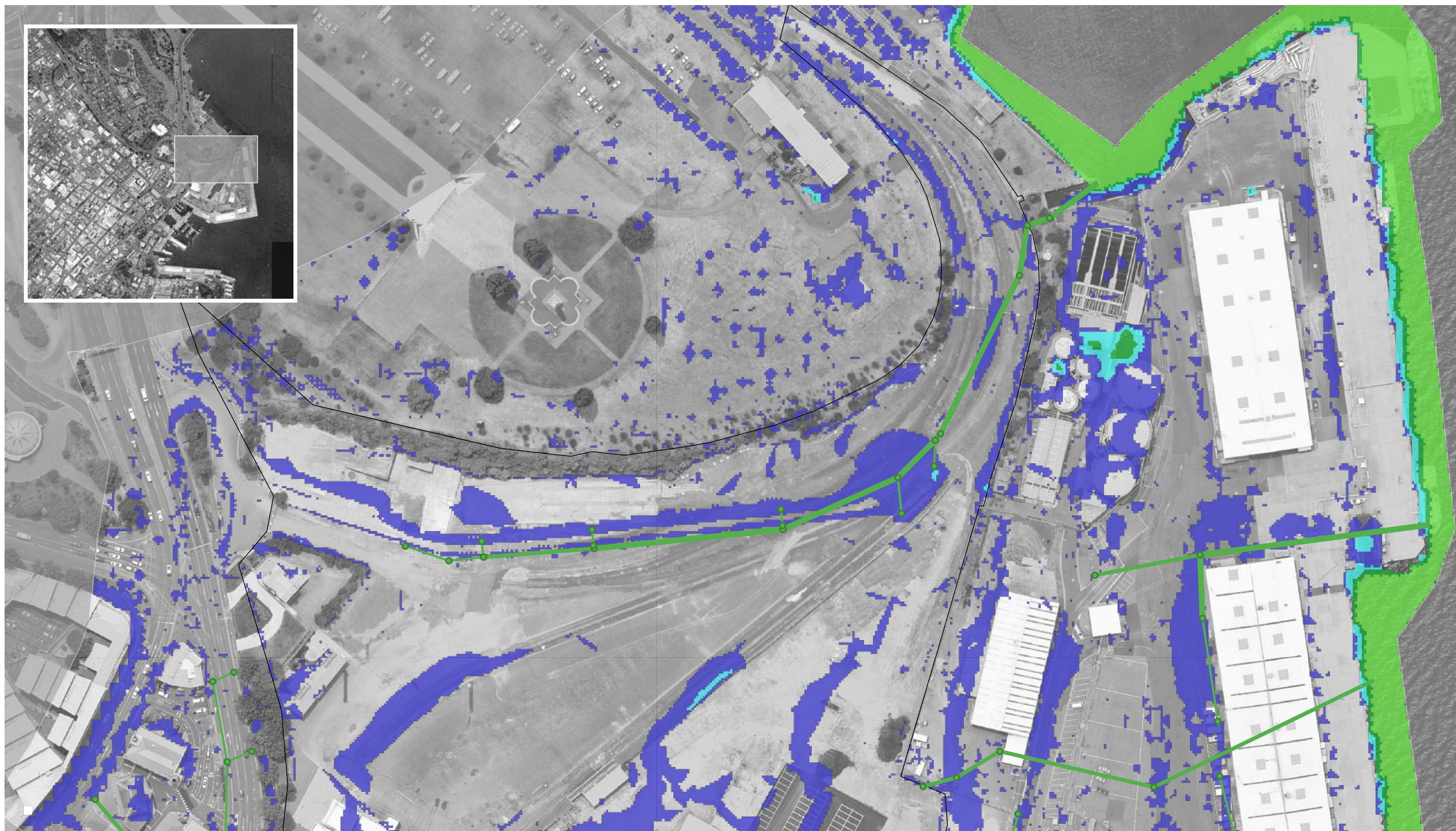


Figure 34.1: Peak Hazard - 10% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

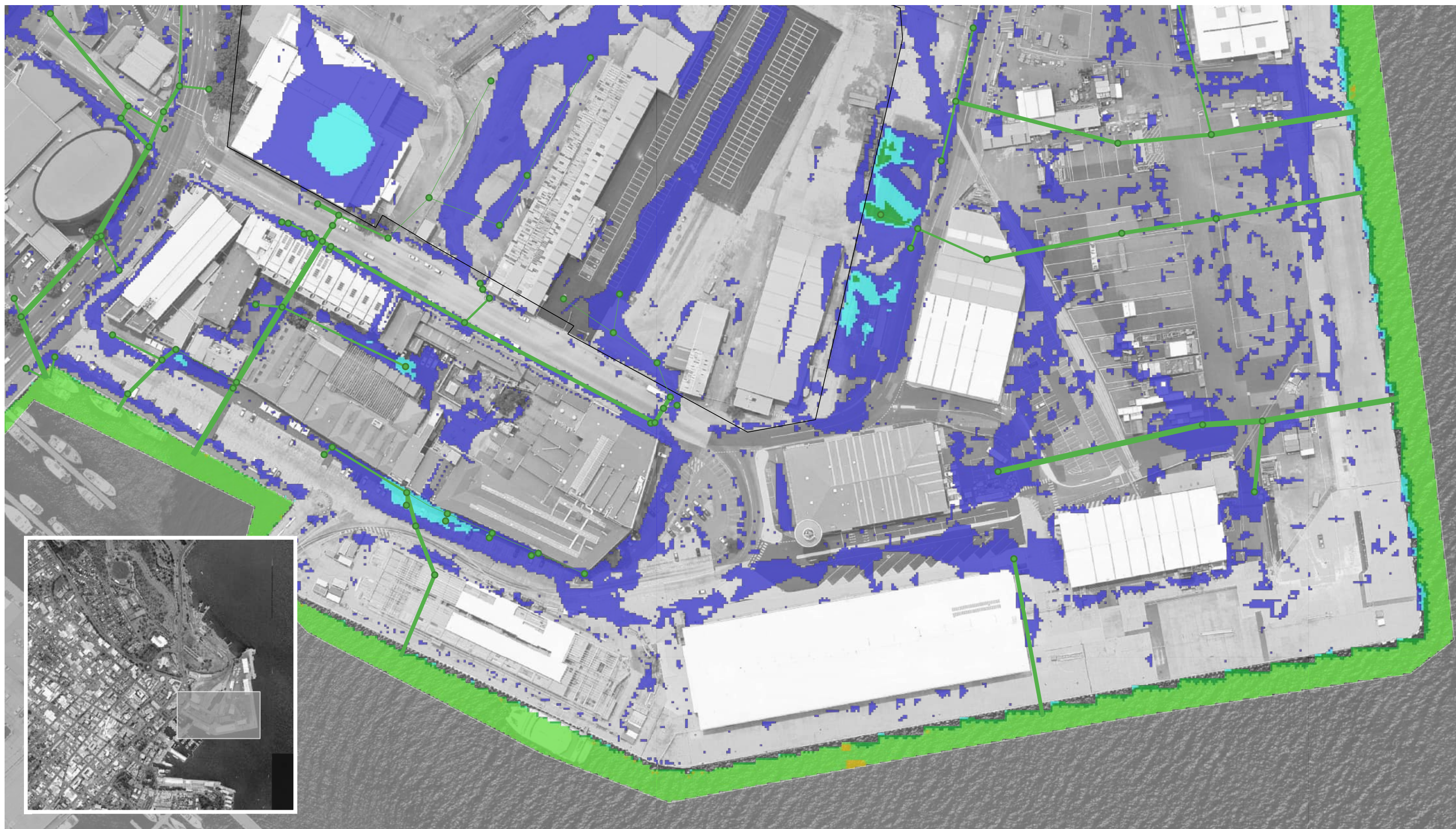


Figure 34.2: Peak Hazard - 10% AEP 2030
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

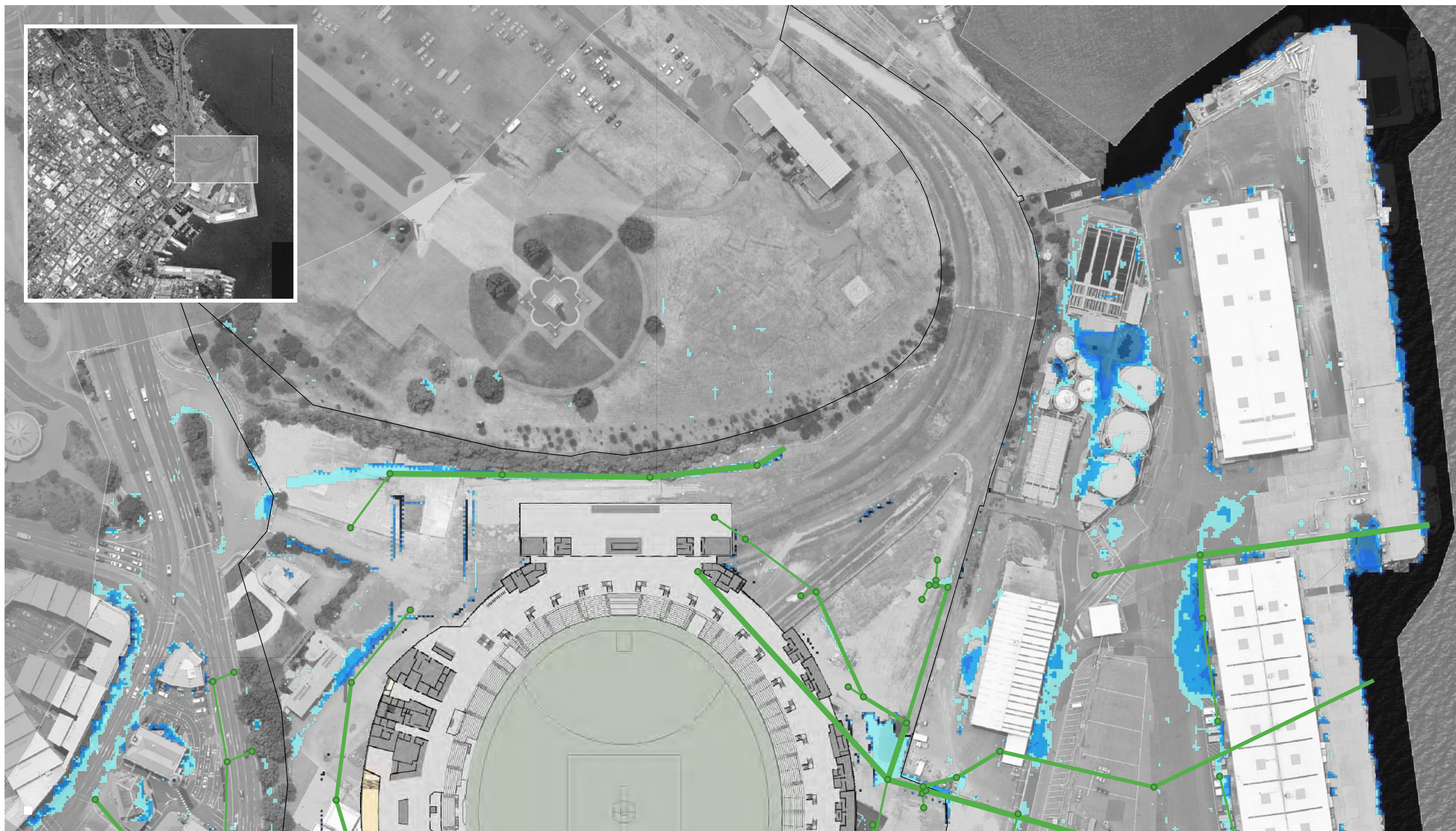


Figure 35.1: Peak Depth - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 35.2: Peak Depth - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

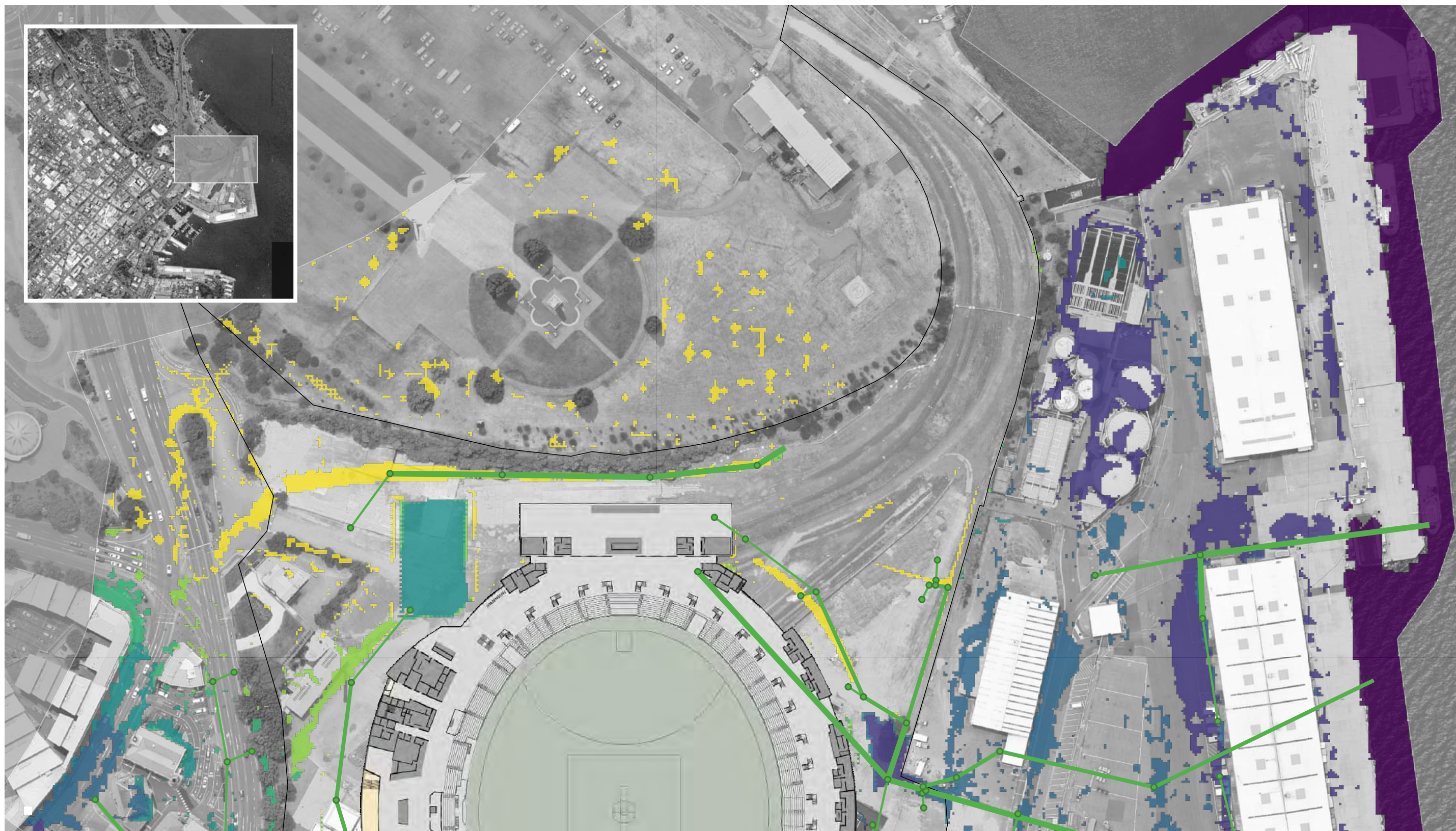


Figure 36.1: Peak Water Level - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHd)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

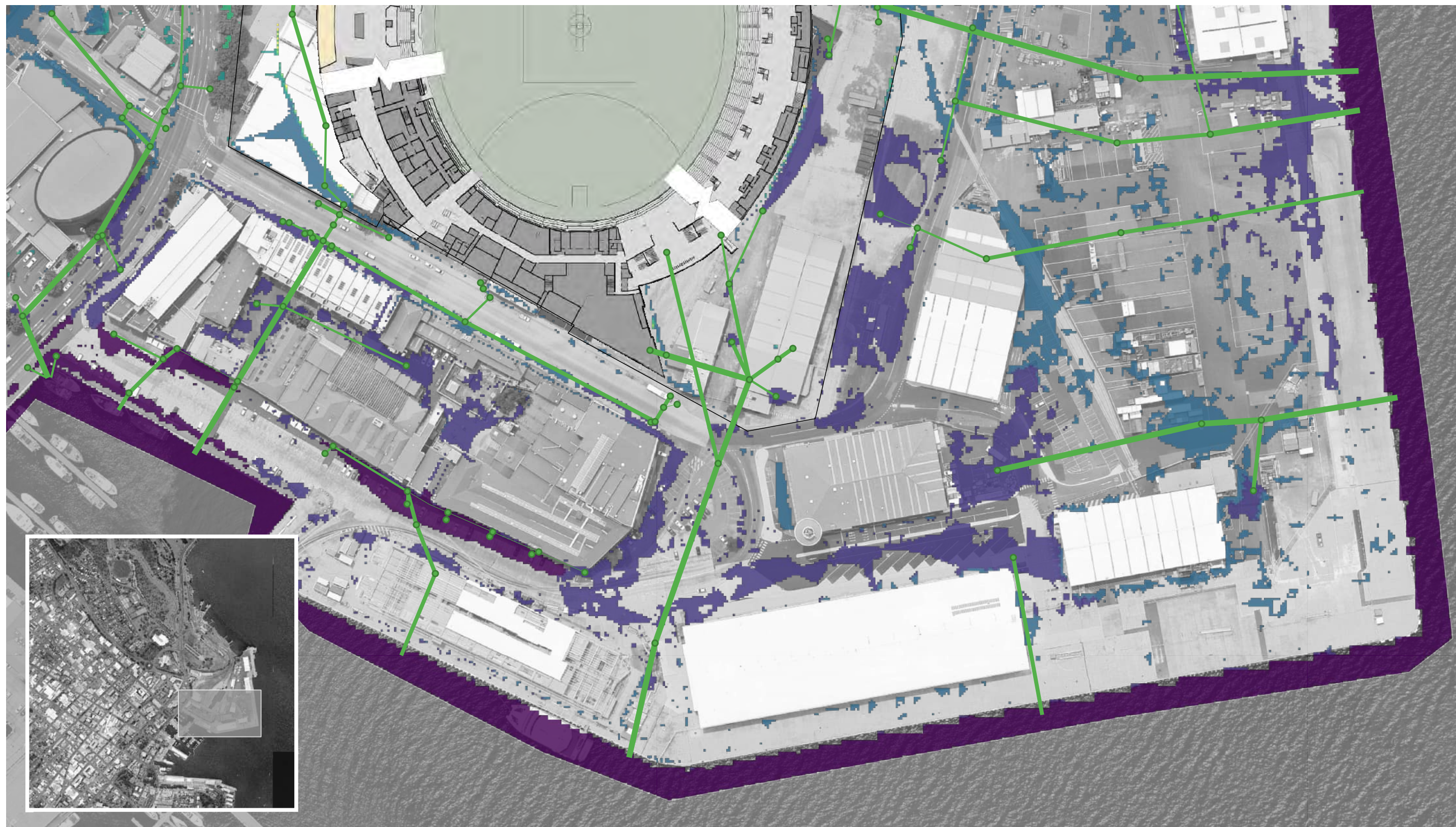


Figure 36.2: Peak Water Level - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

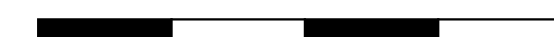
 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

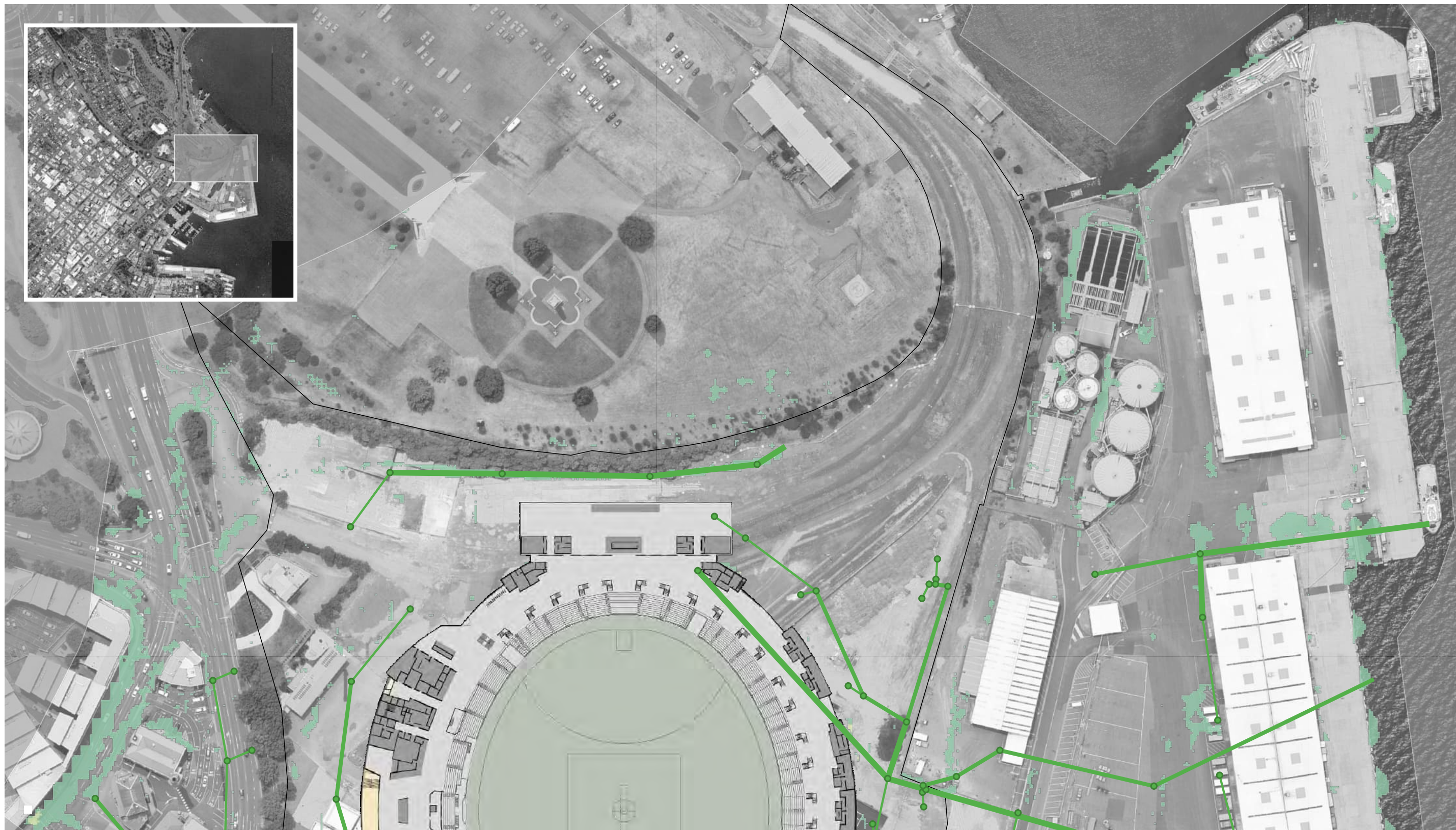


Figure 37.1: Peak Velocity - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

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LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 37.2: Peak Velocity - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

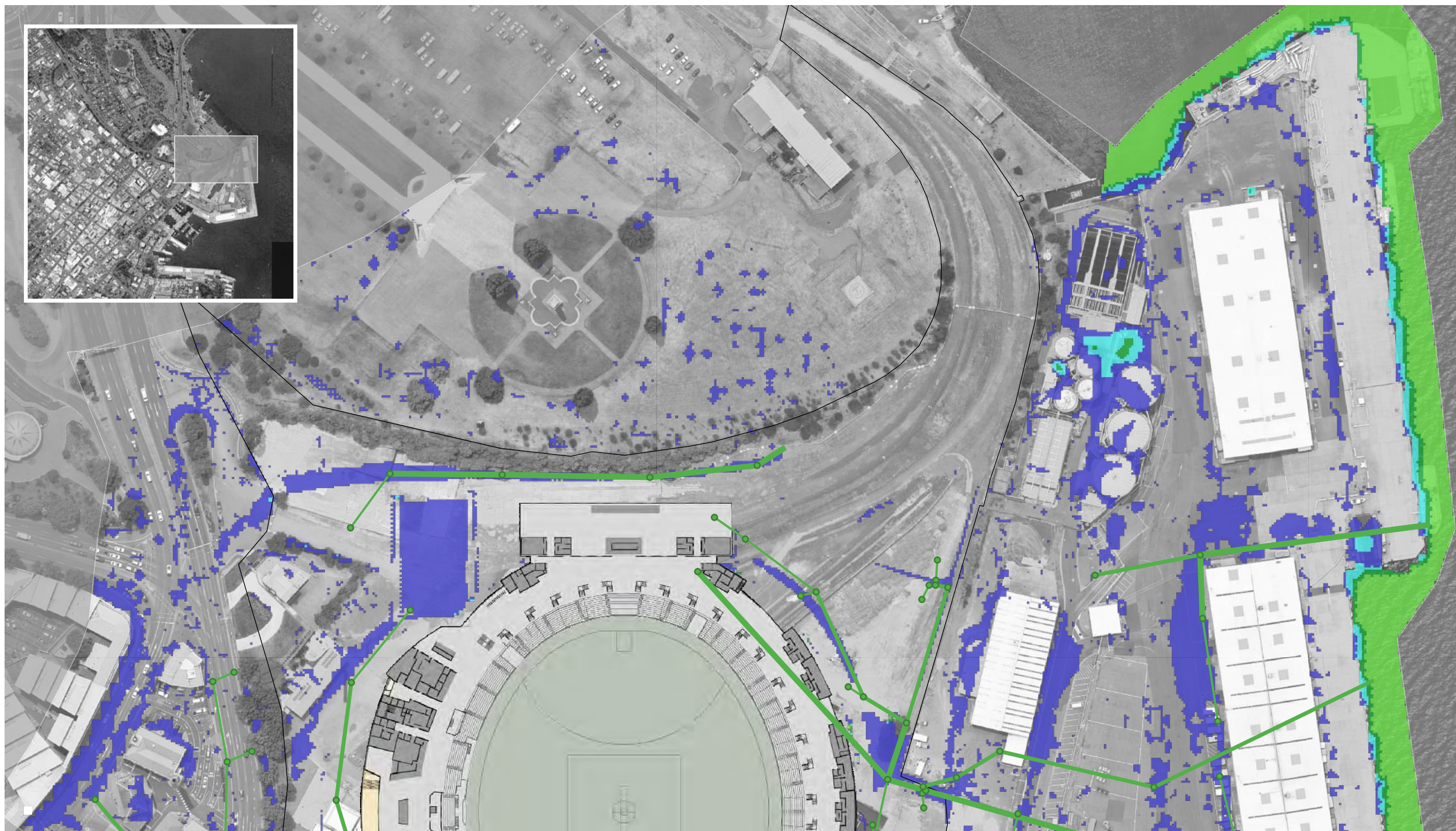


Figure 38.1: Peak Hazard - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

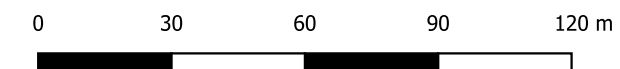
MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

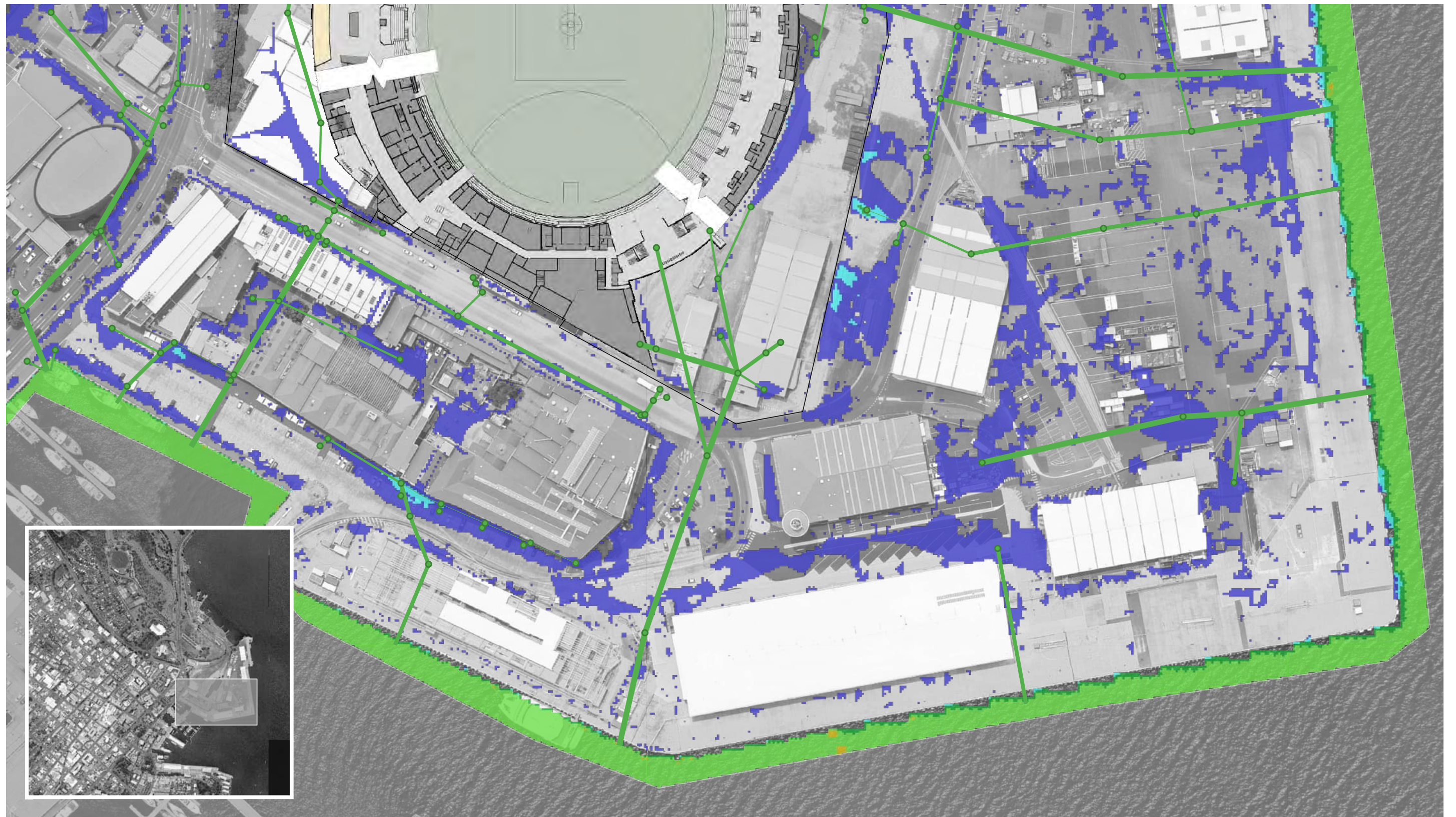


Figure 38.2: Peak Hazard - 10% AEP 2030
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

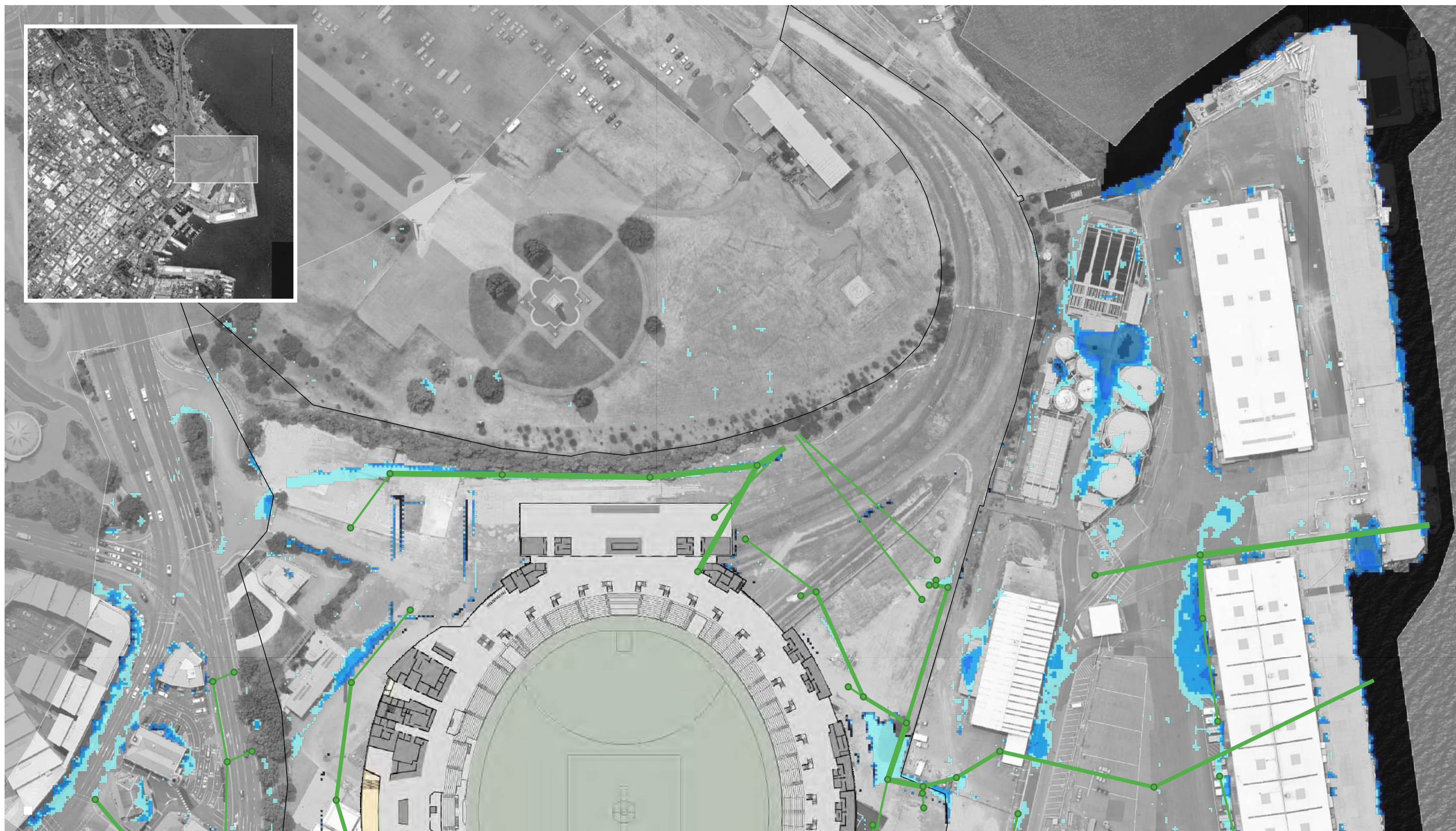


Figure 39.1: Peak Depth - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 39.2: Peak Depth - 10% AEP 2030
 Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary ● Drainage Network Pit		Pipe Diameter (m) — 0.1 - 0.225 — 0.225 - 0.3 — 0.3 - 0.45 — 0.45 - 3	Peak Depth (m) 0.05 - 0.10 0.10 - 0.20 0.20 - 0.30 0.30 - 0.50 0.50 - 0.75 0.75 - 1.00 > 1.00
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700

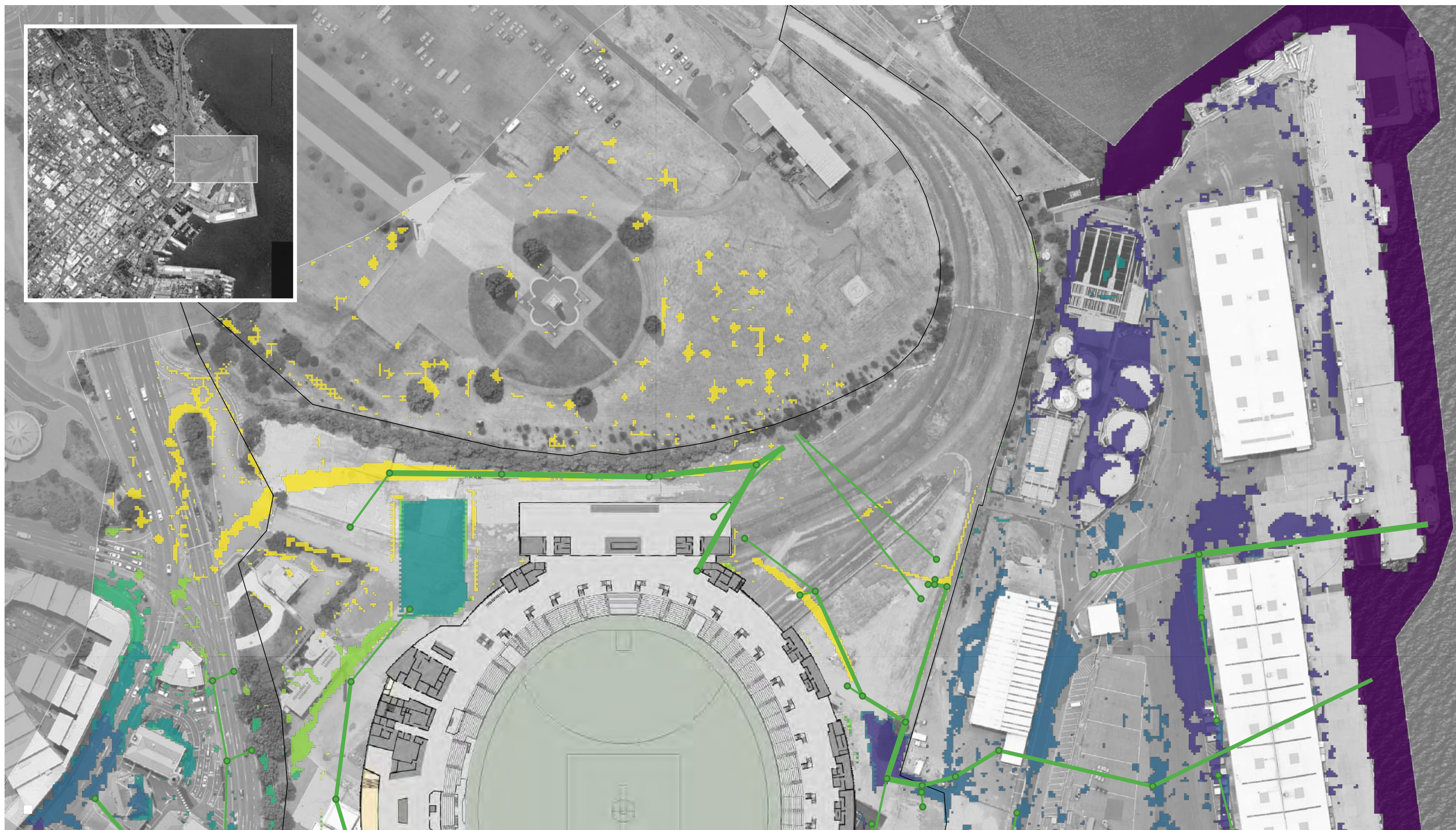


Figure 40.1: Peak Water Level - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
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0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

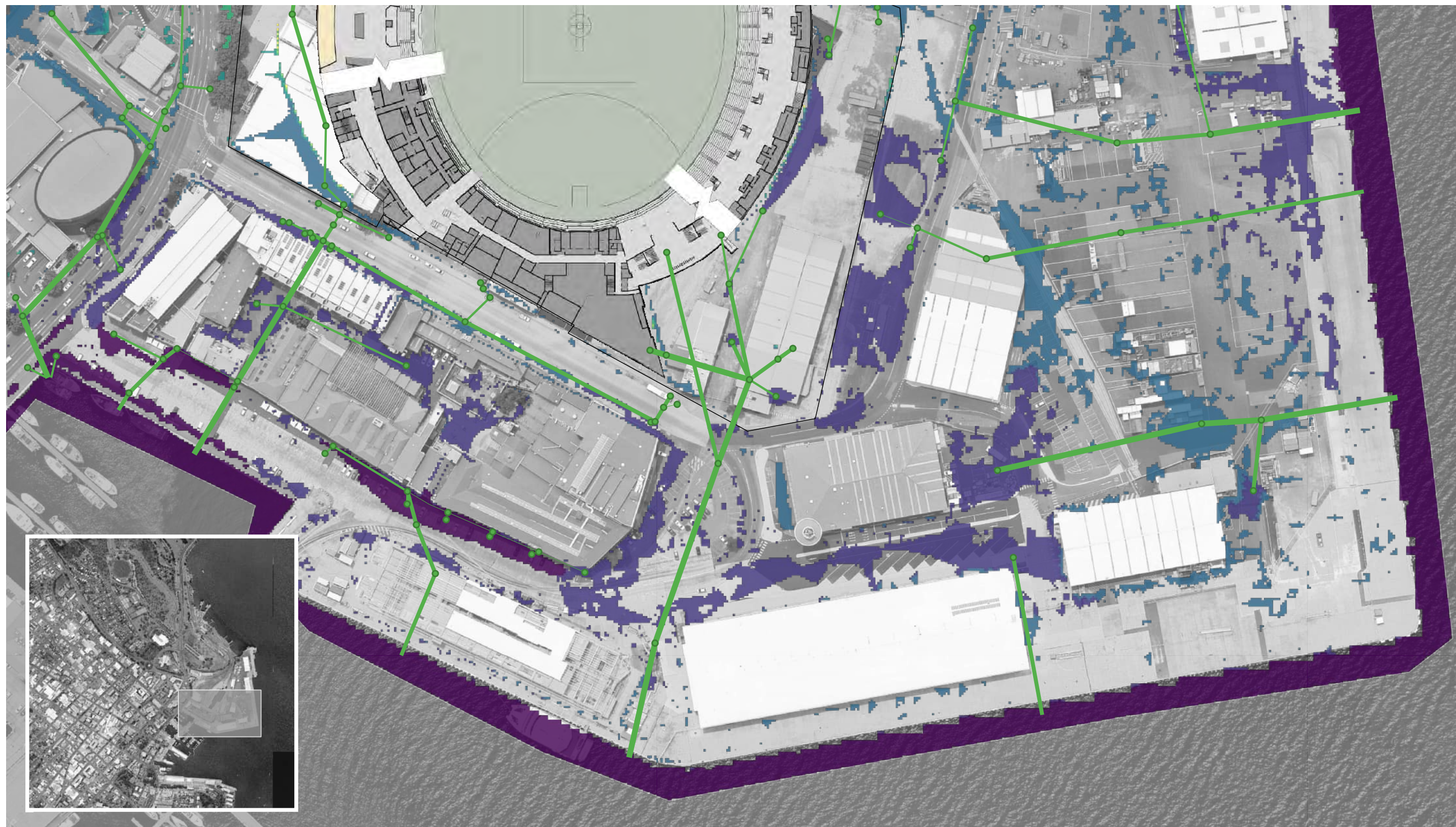


Figure 40.2: Peak Water Level - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

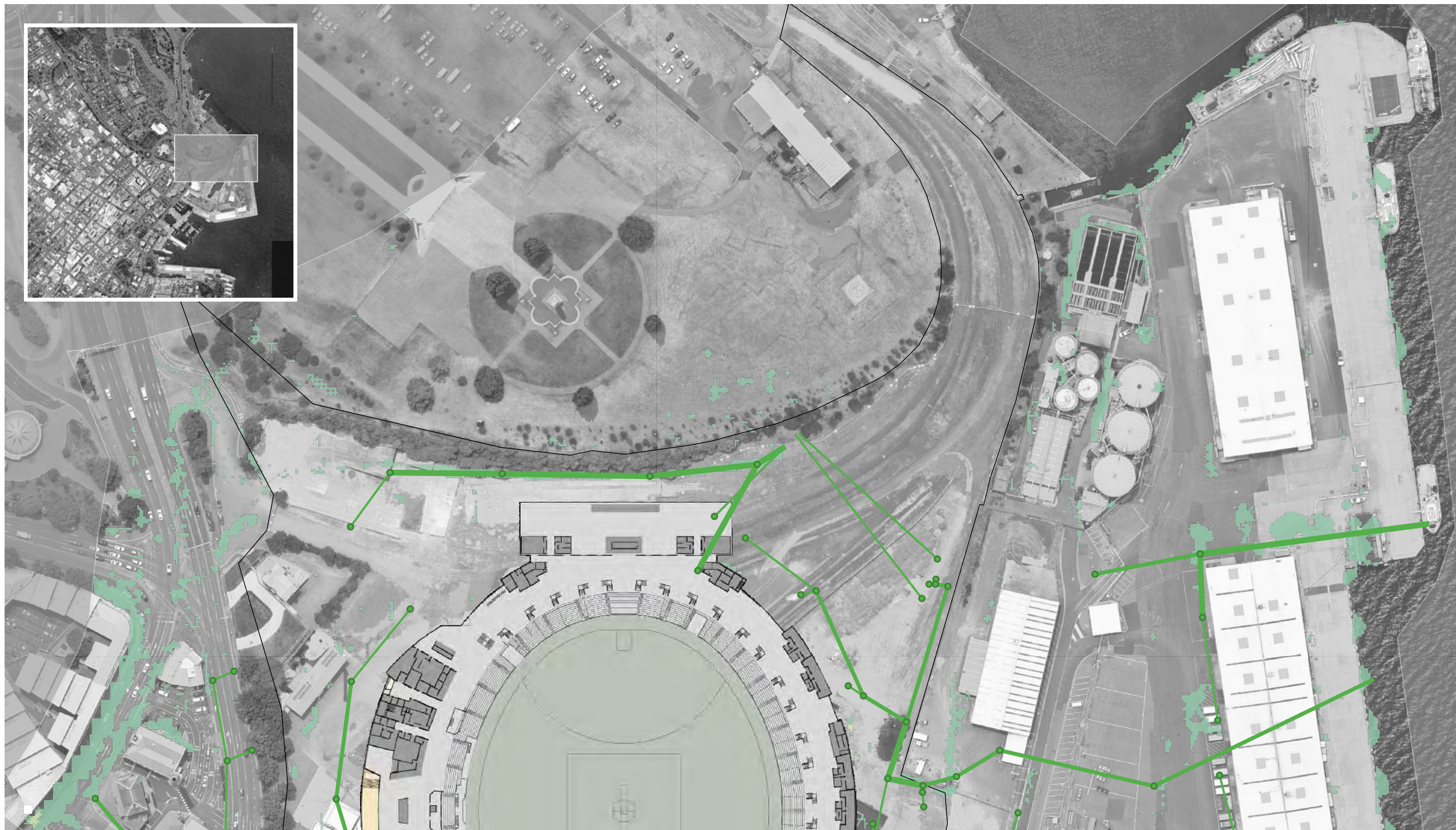


Figure 41.1: Peak Velocity - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

 2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 41.2: Peak Velocity - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

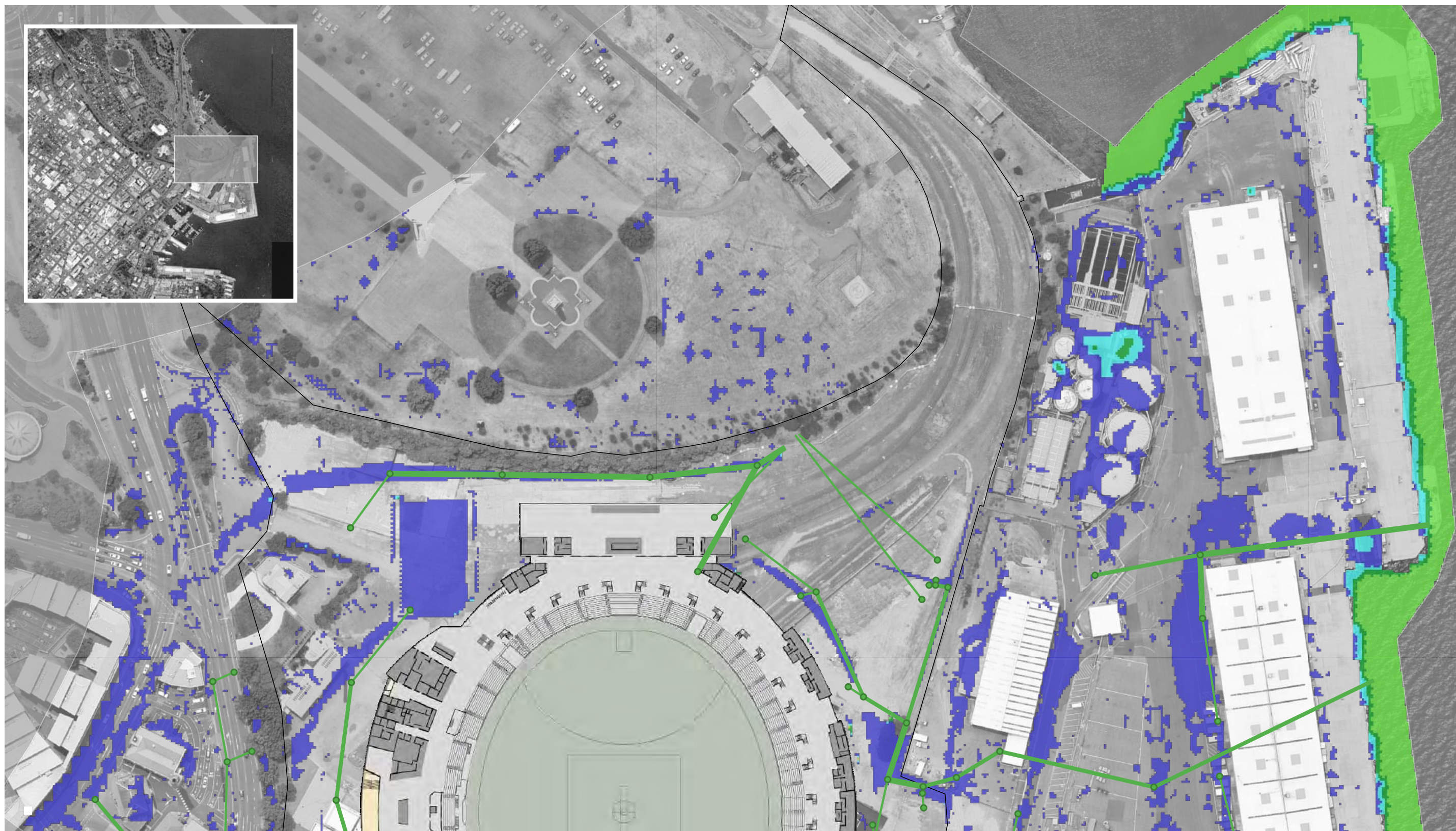


Figure 42.1: Peak Hazard - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

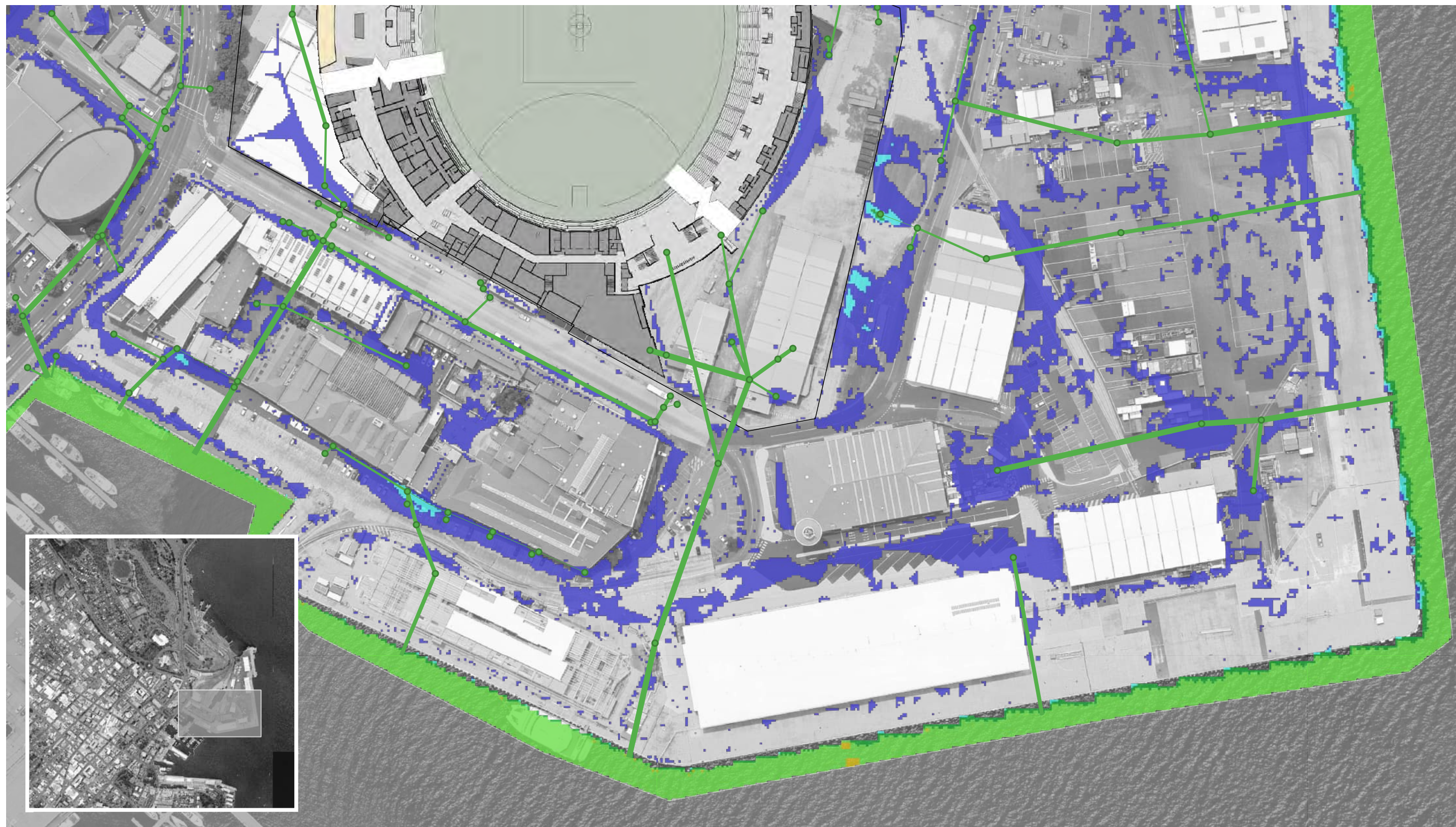


Figure 42.2: Peak Hazard - 10% AEP 2030
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

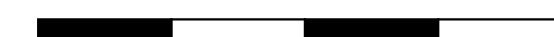
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

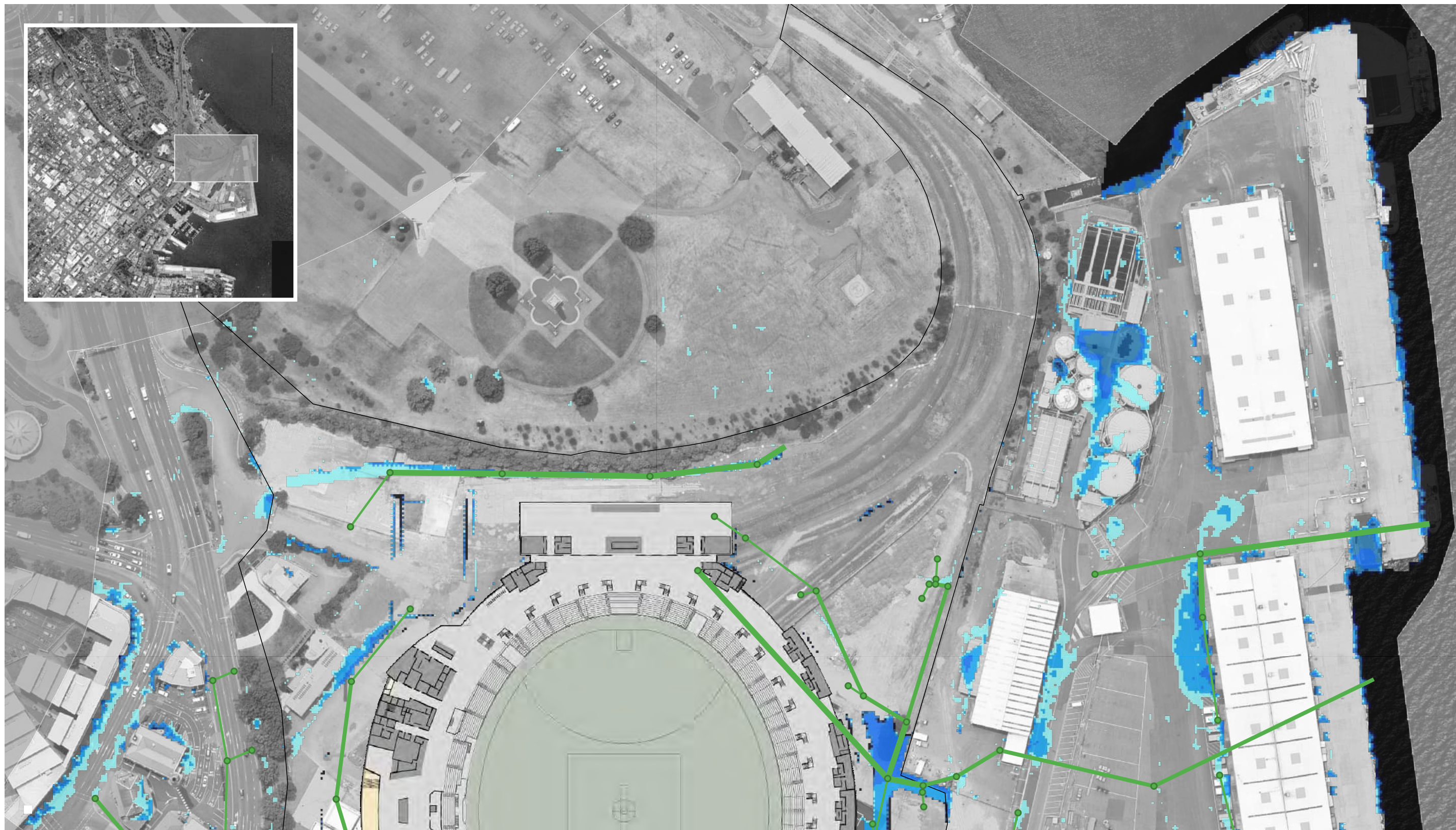


Figure 43.1: Peak Depth - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
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LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

 0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 43.2: Peak Depth - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

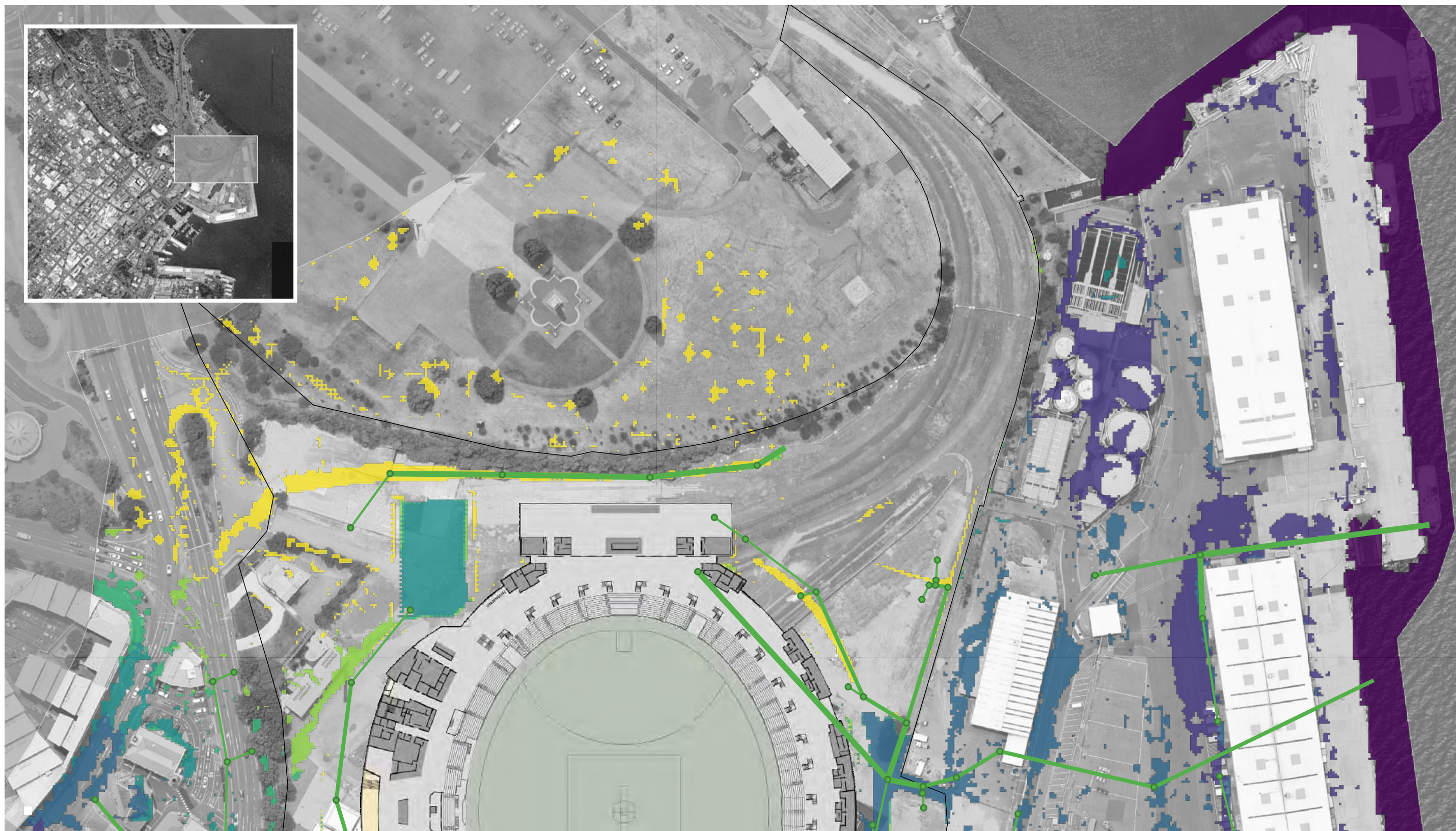


Figure 44.1: Peak Water Level - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart

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COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

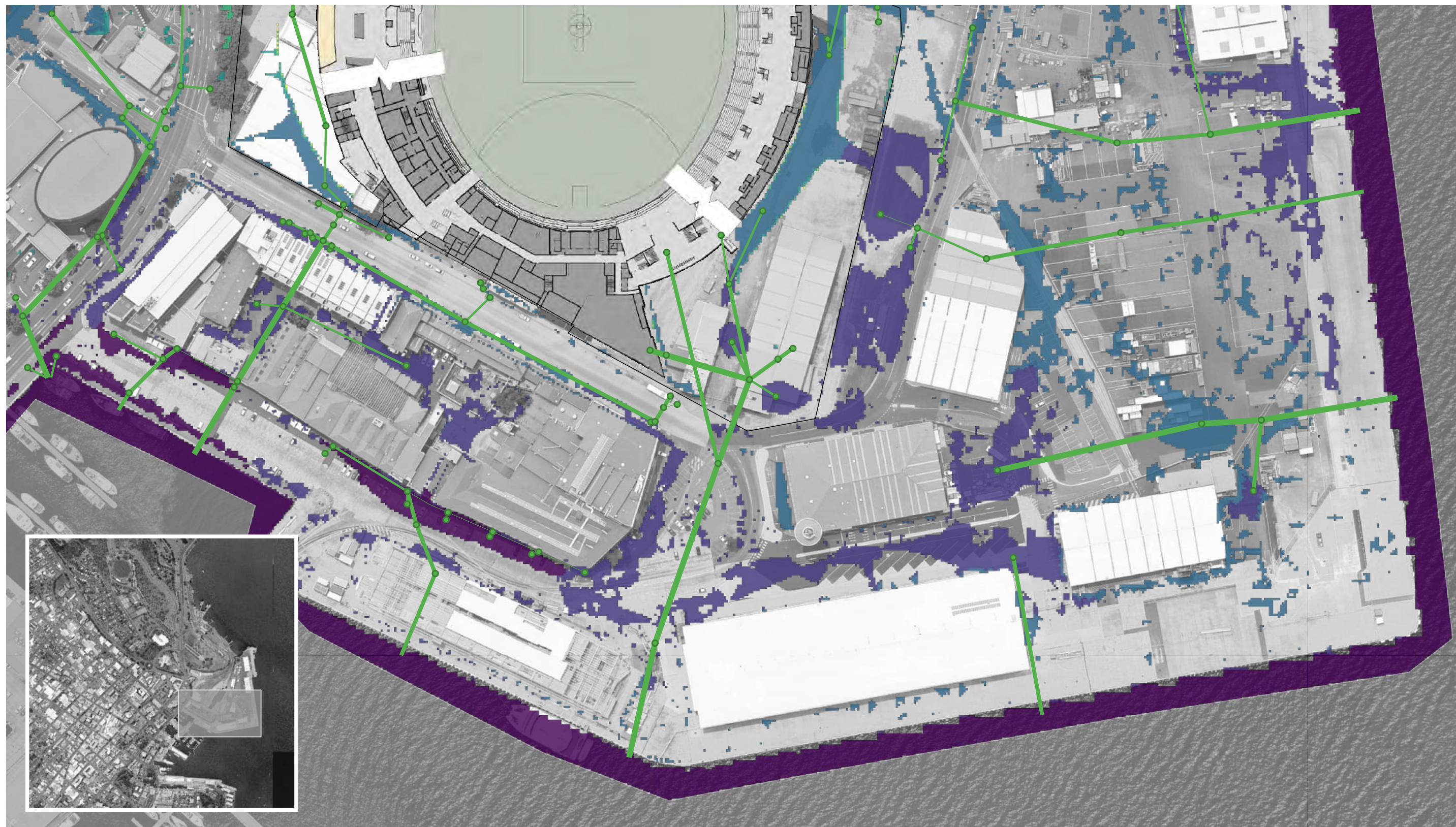


Figure 44.2: Peak Water Level - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

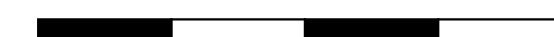
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

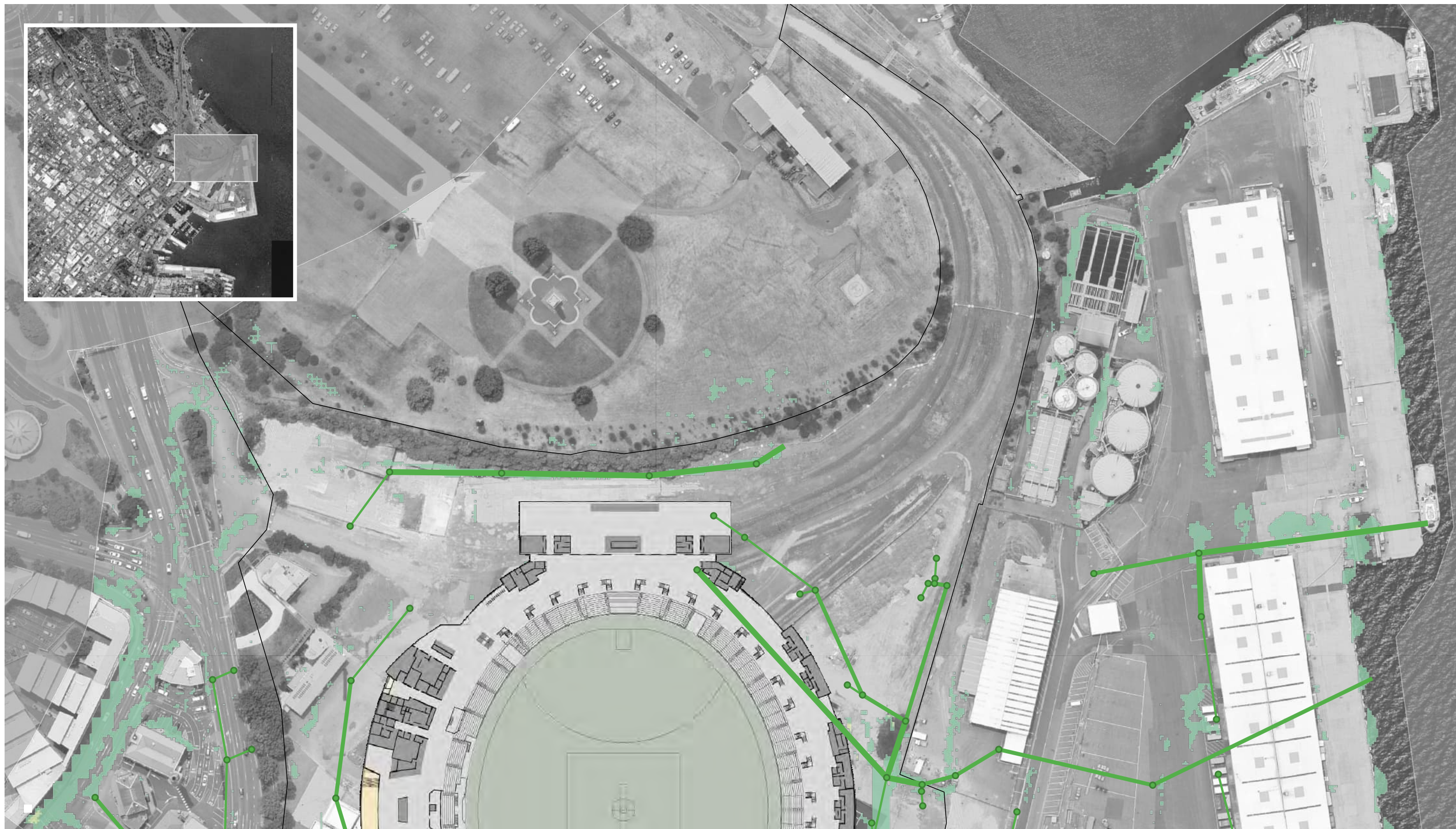


Figure 45.1: Peak Velocity - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 45.2: Peak Velocity - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

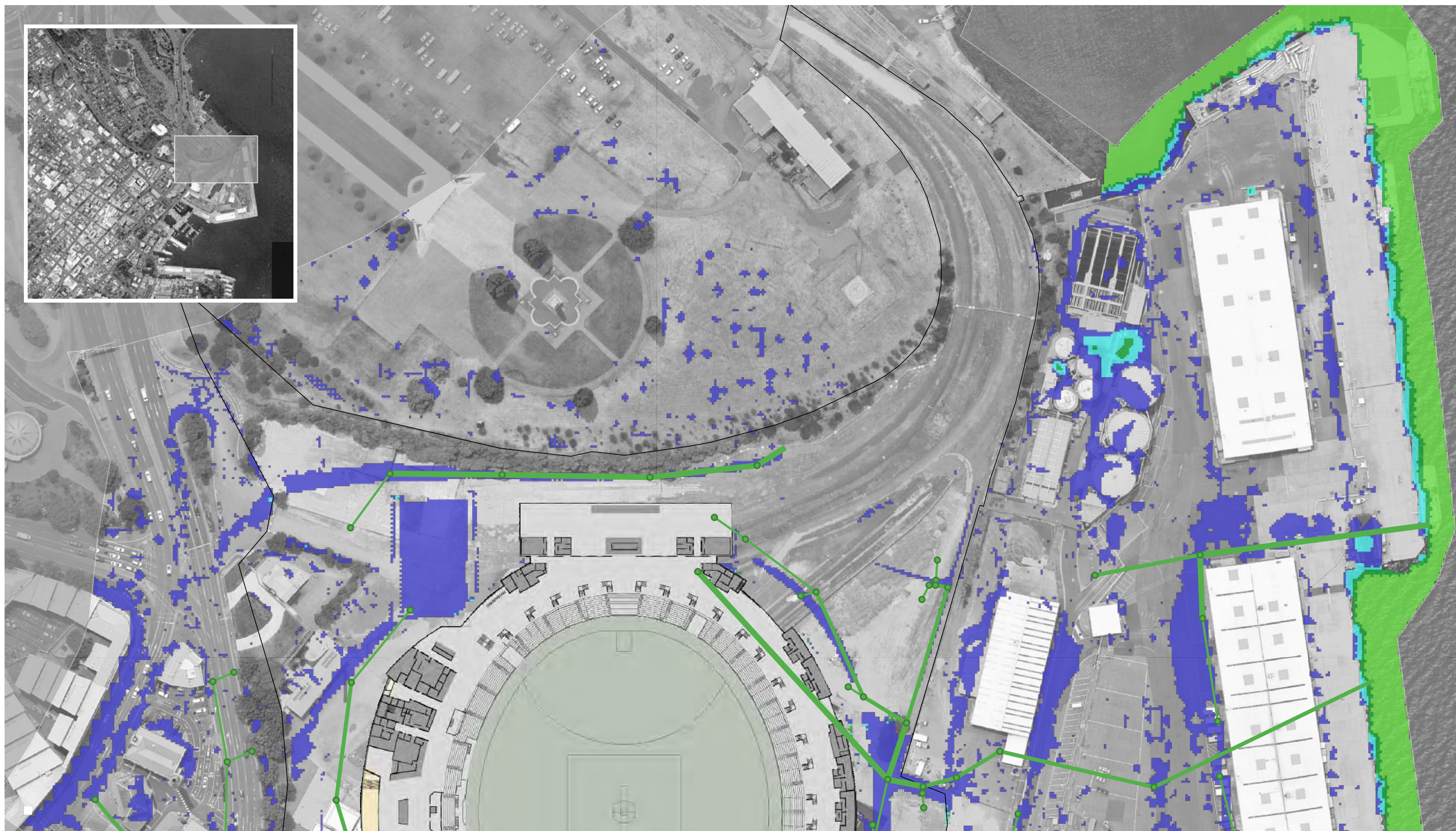


Figure 46.1: Peak Hazard - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

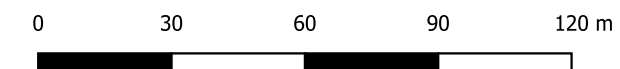
Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

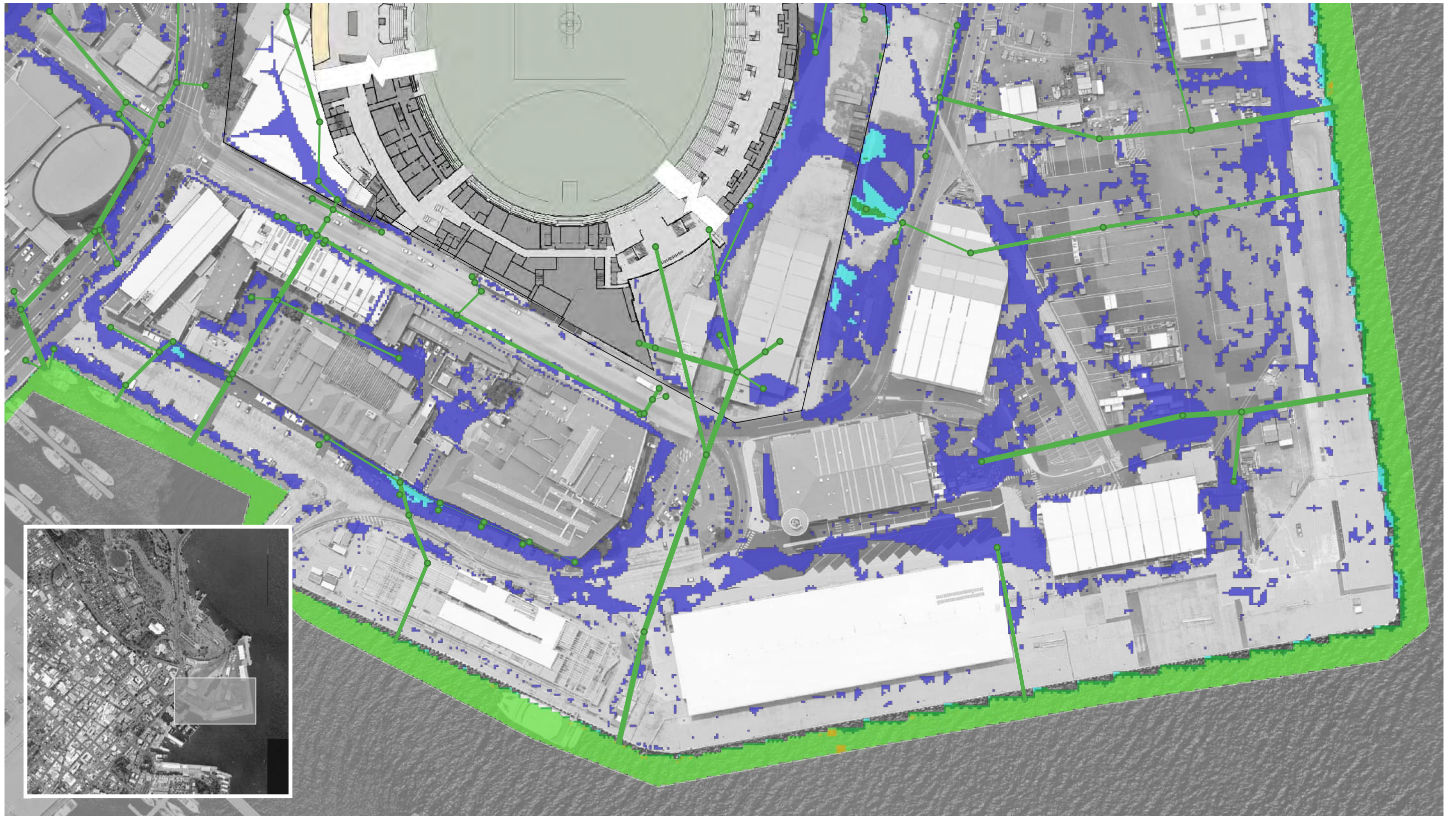


Figure 46.2: Peak Hazard - 10% AEP 2030
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

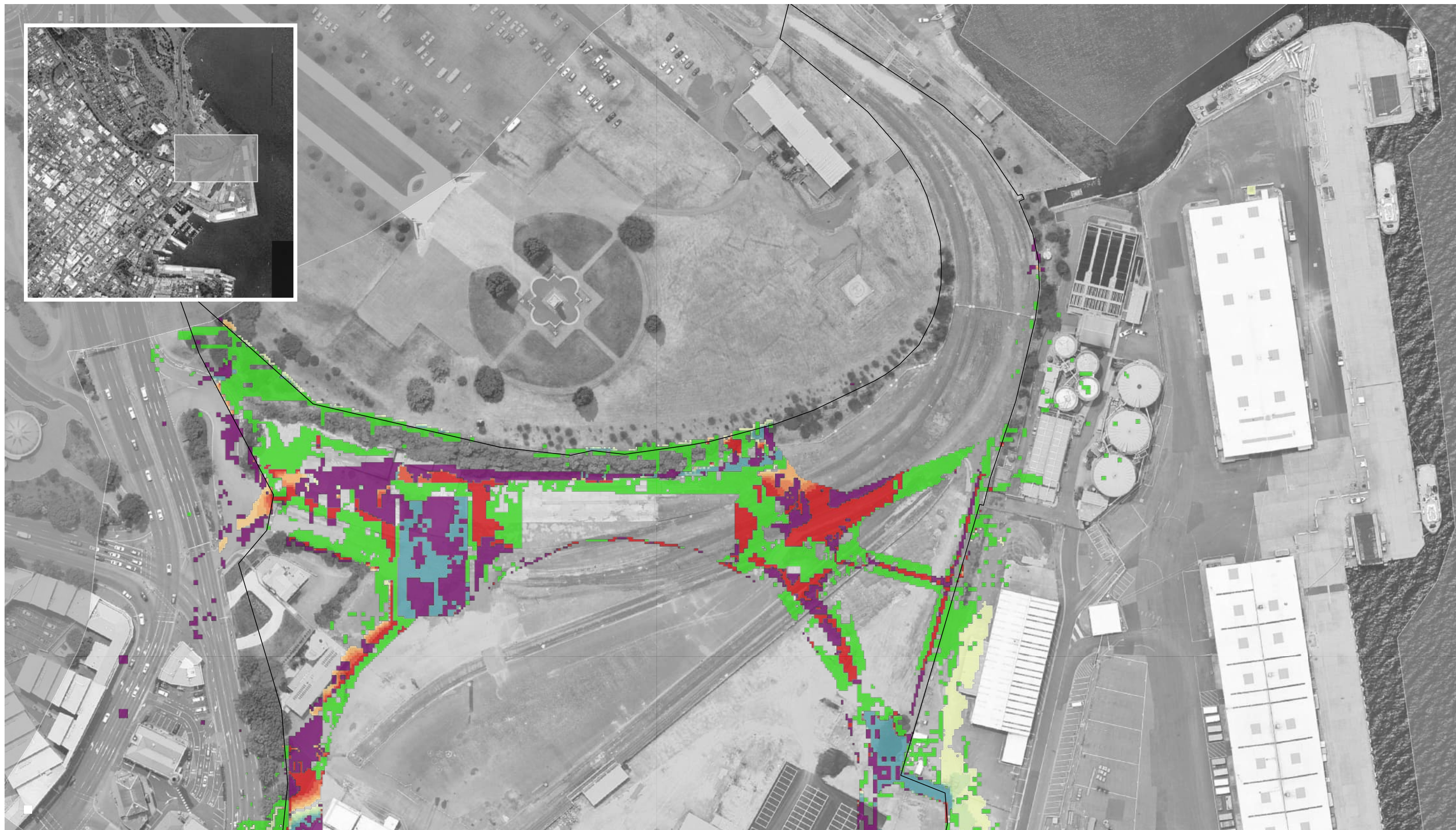


Figure 47.1: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 1

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
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0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

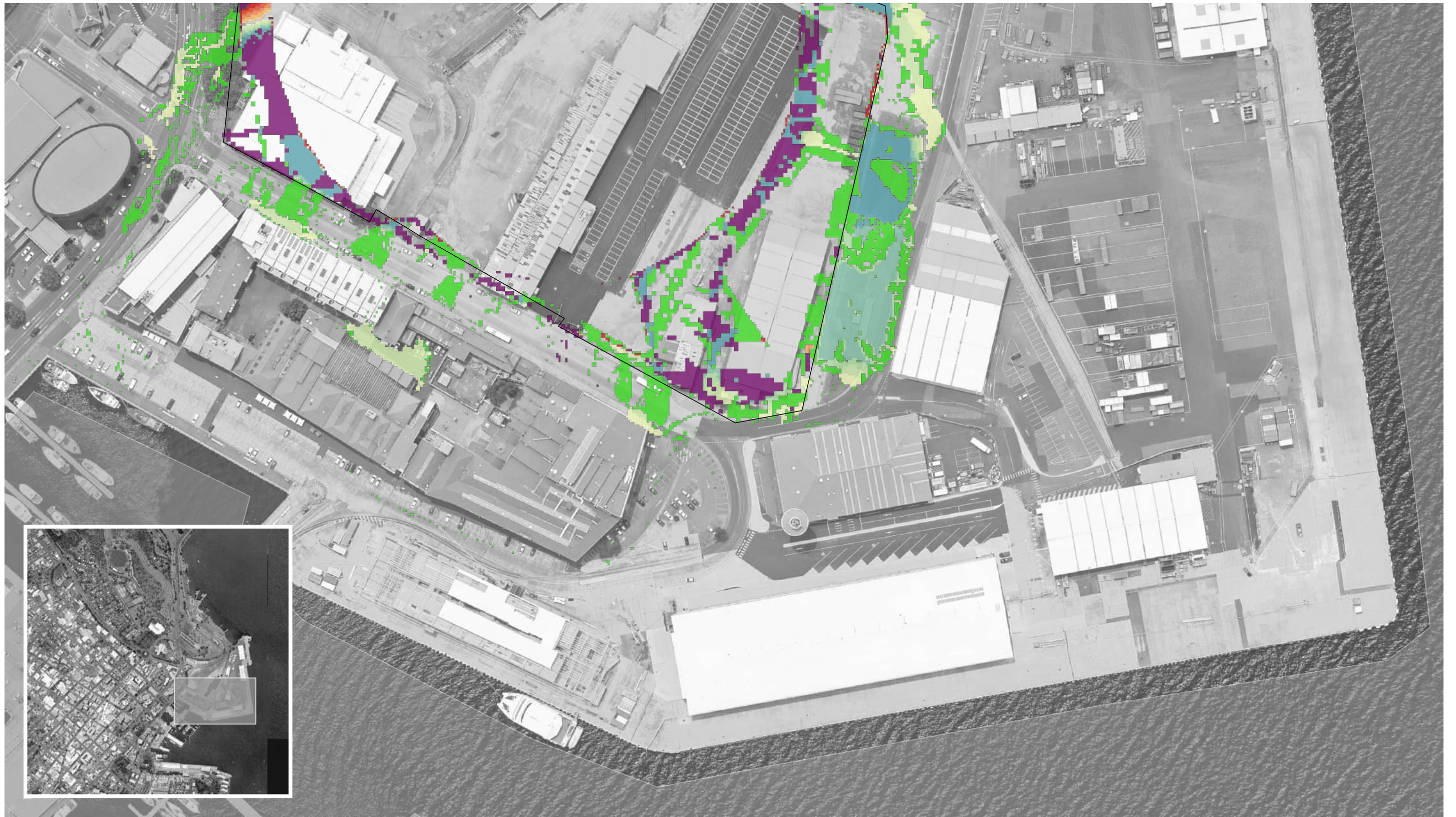


Figure 47.2: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

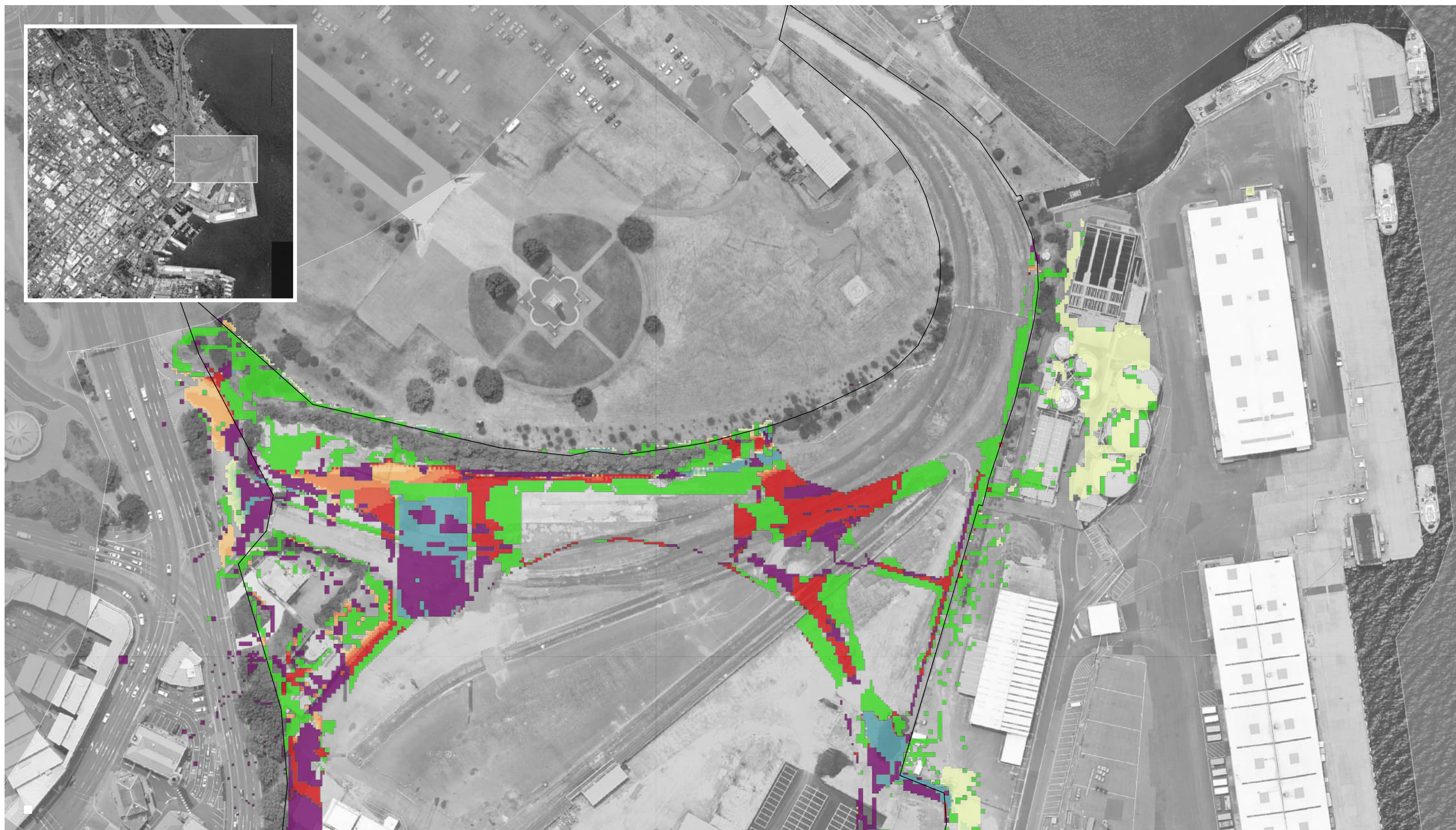


Figure 48.1: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 1

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
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0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 48.2: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

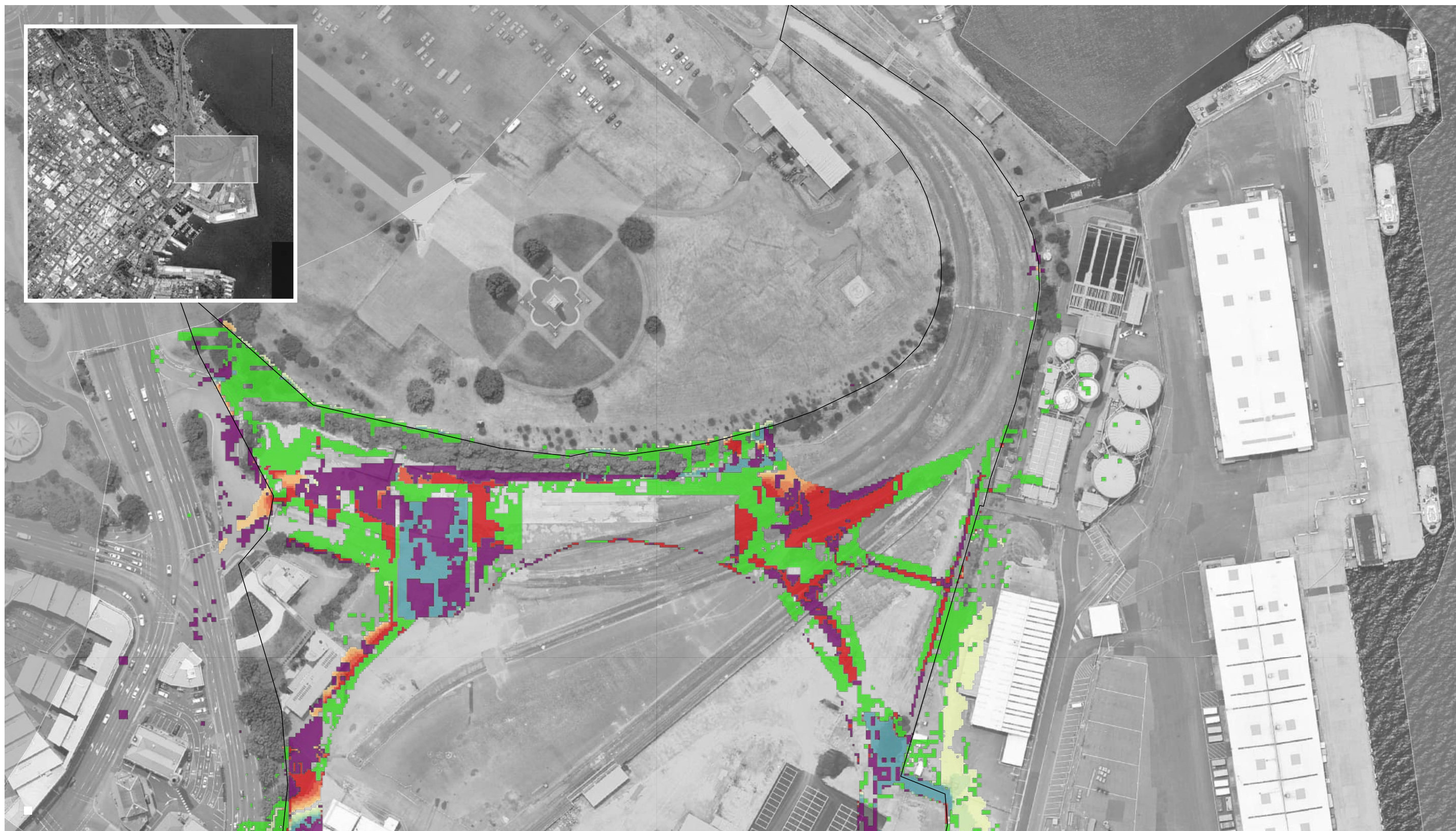


Figure 49.1: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

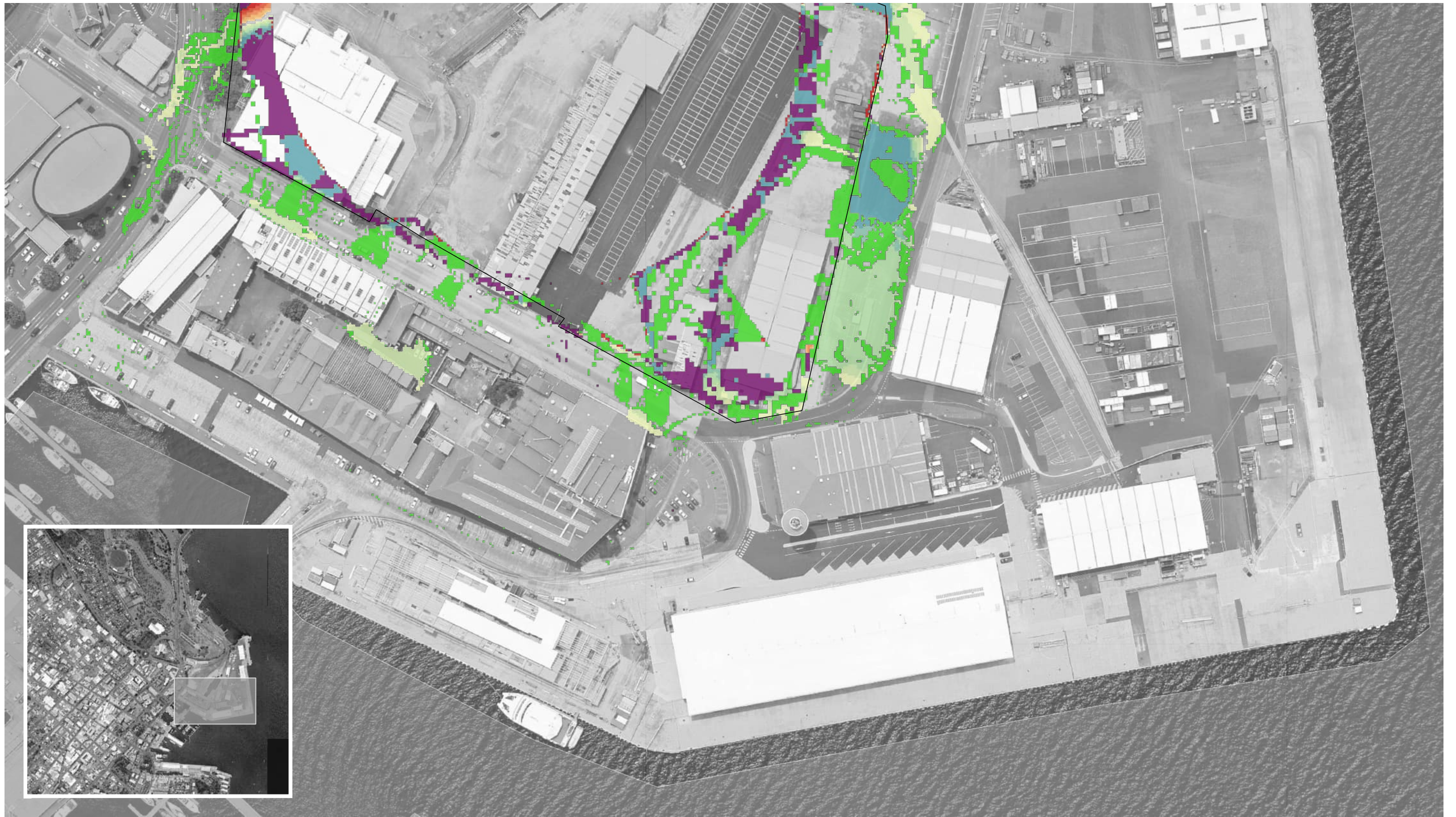


Figure 49.2: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 2

Macquarie Point Stadium - Hobart
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LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

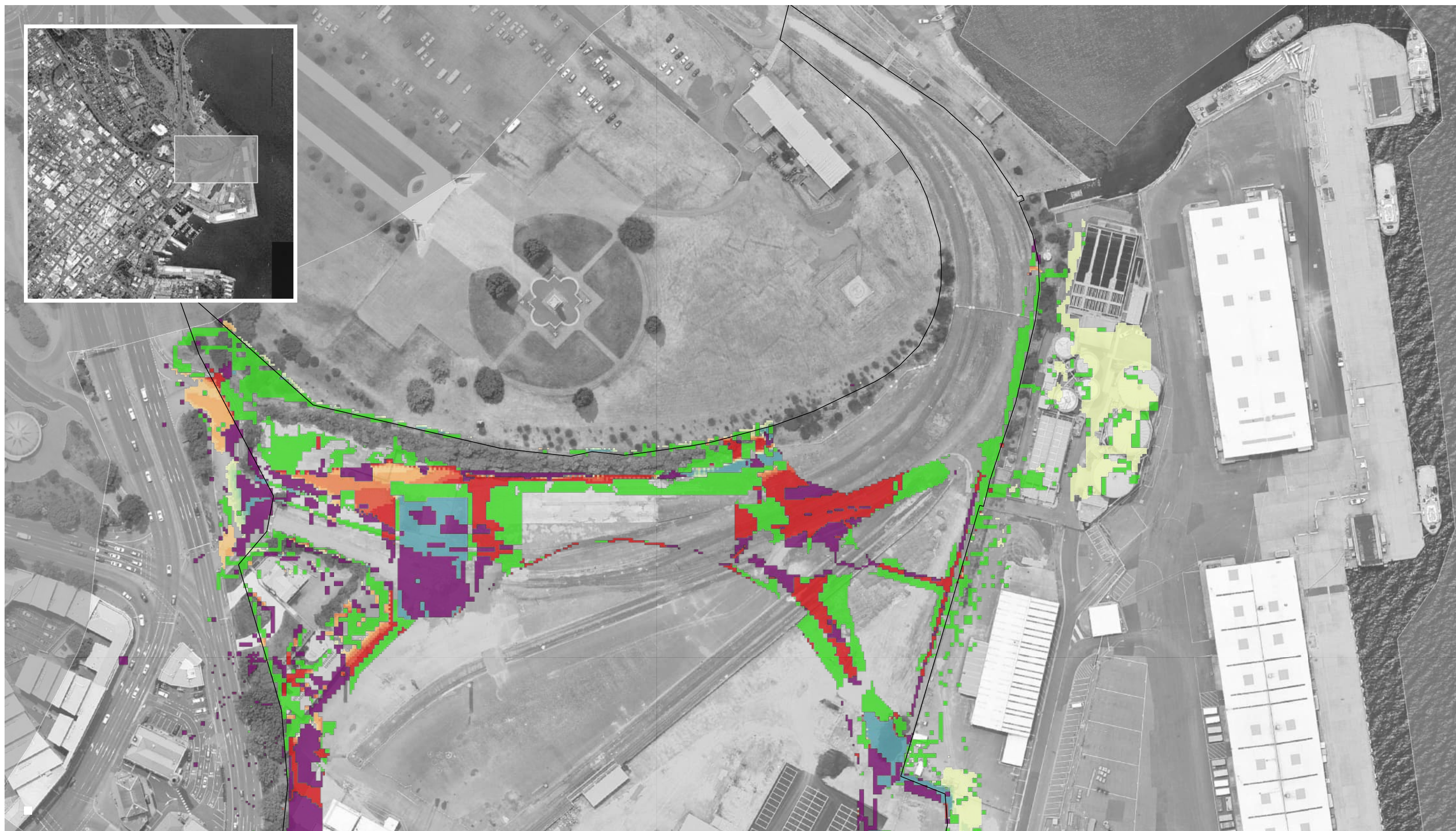


Figure 50.1: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 2

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 50.2: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 2

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

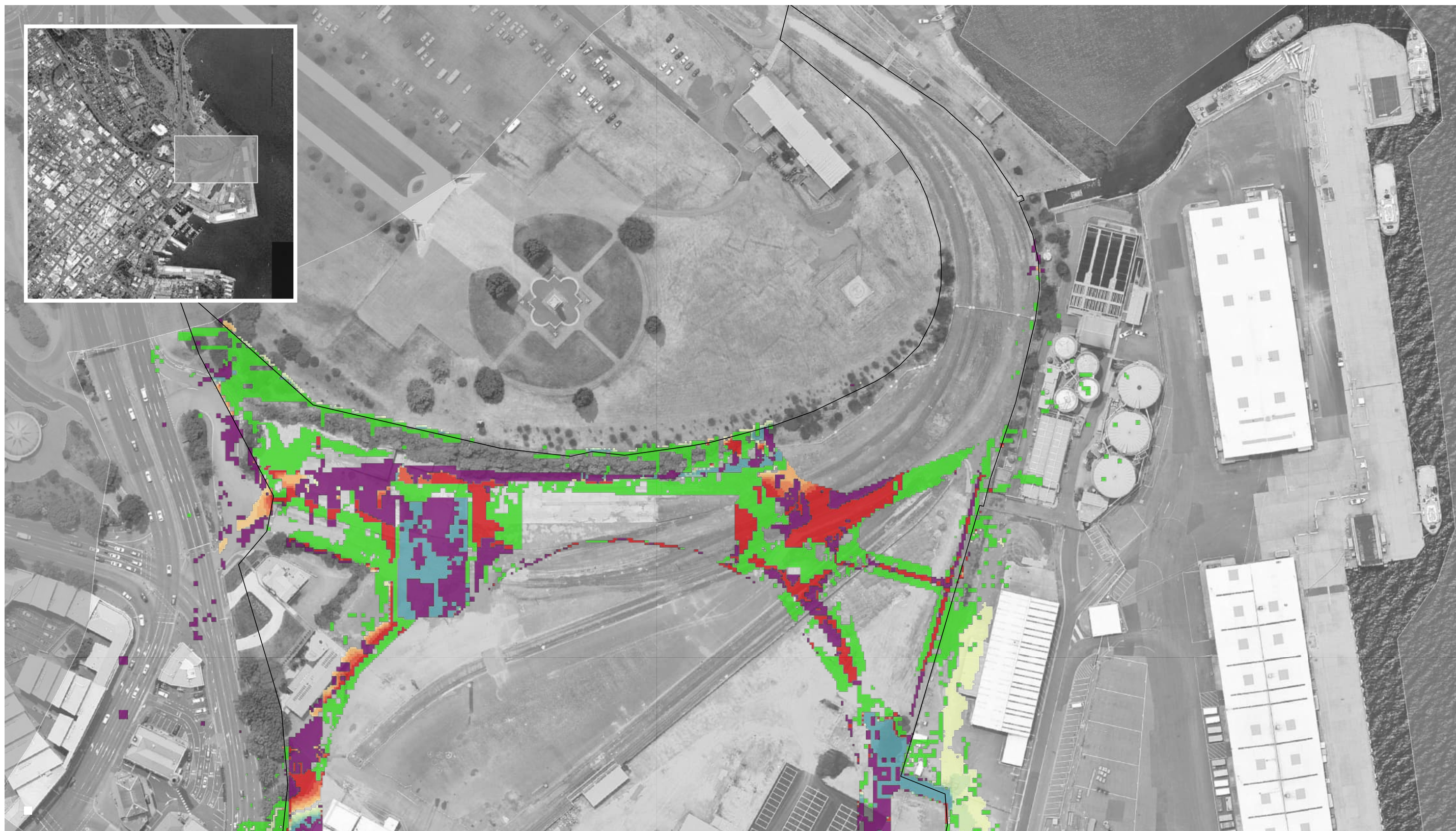


Figure 51.1: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 51.2: Water Level Afflux - 10% AEP 2030
Existing Condition 1 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

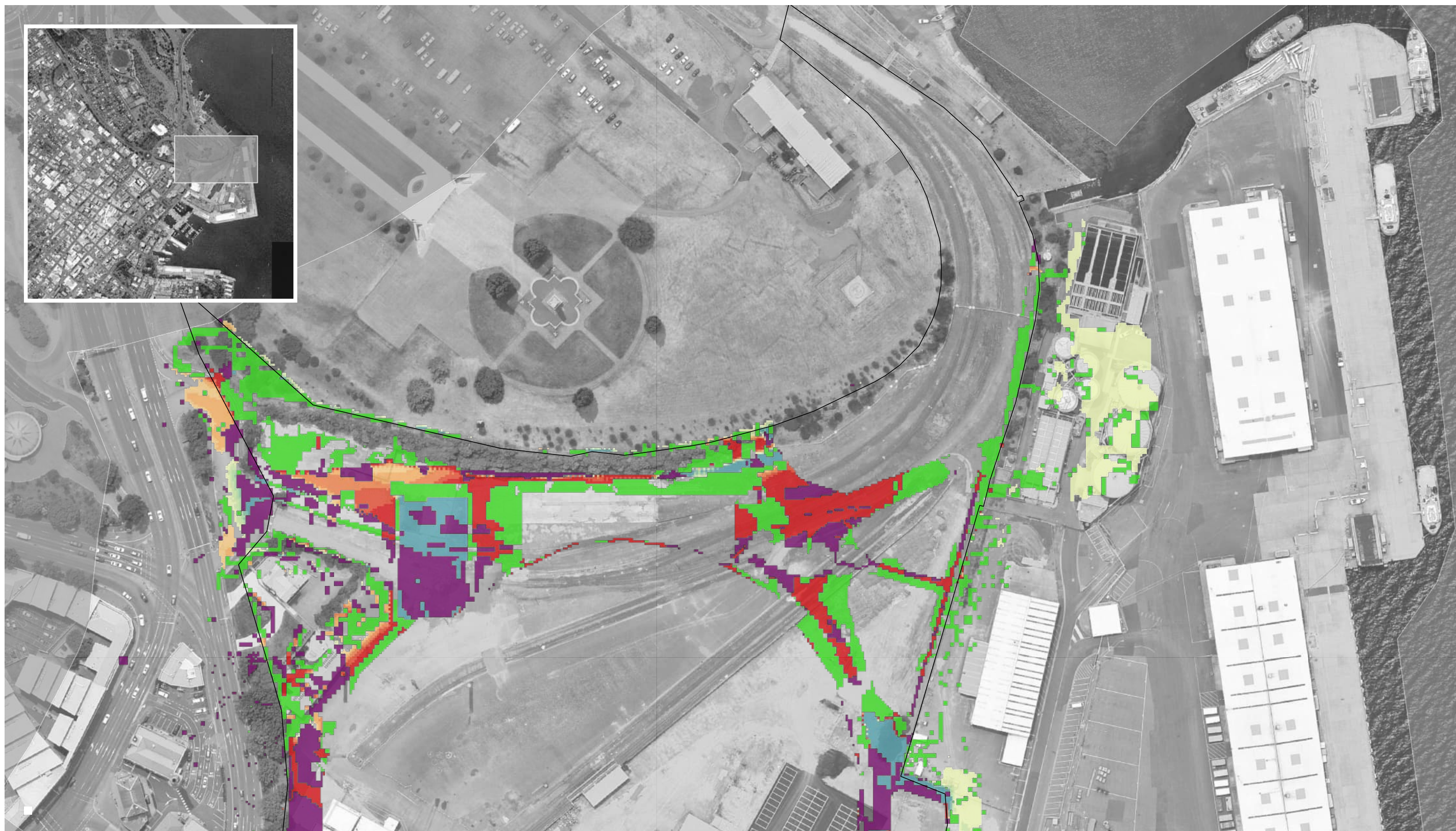


Figure 52.1: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 3

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

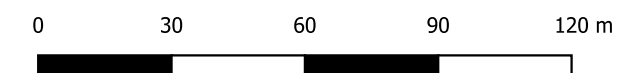
$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
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COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 52.2: Water Level Afflux - 10% AEP 2030
Existing Condition 2 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

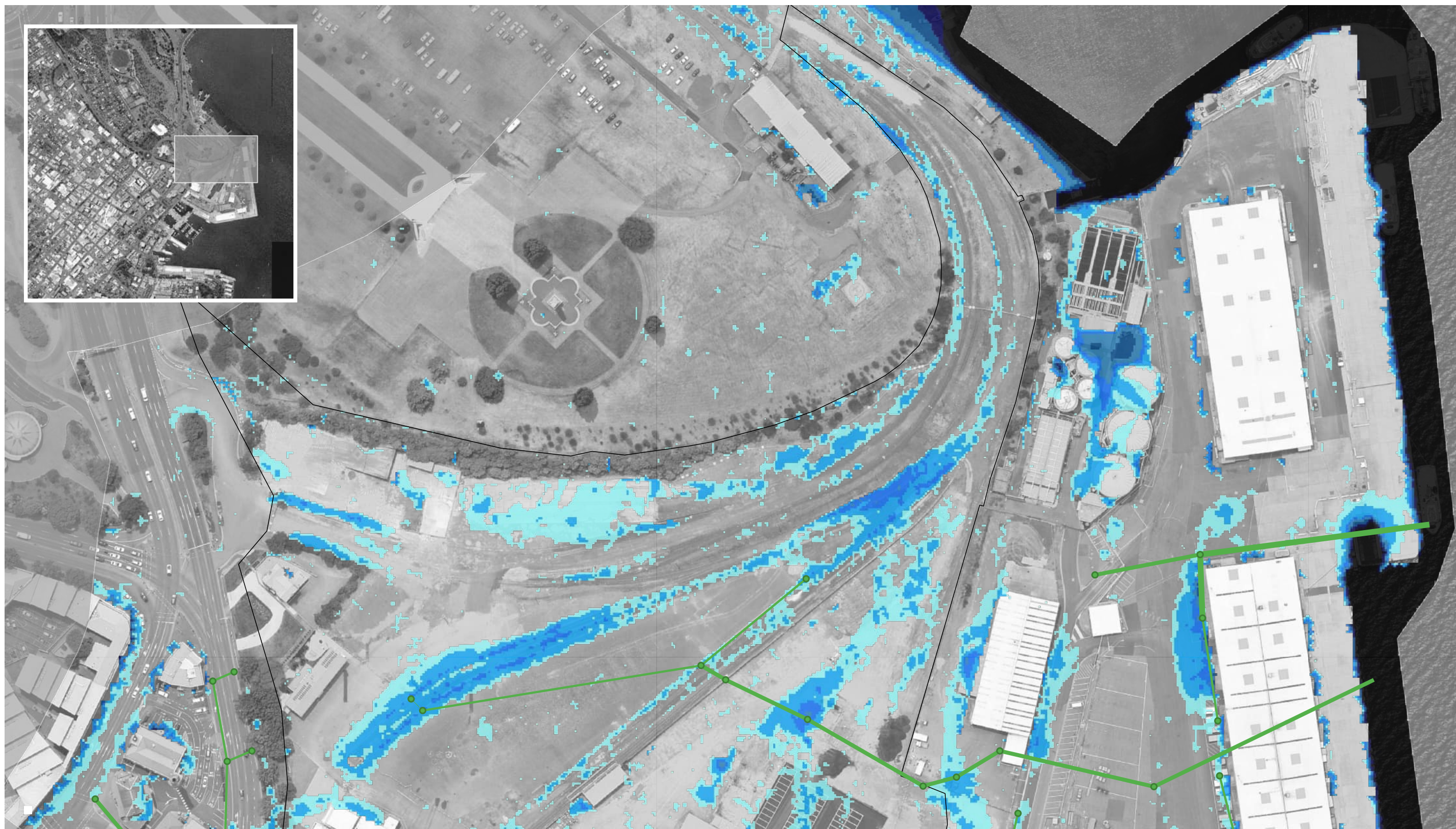


Figure 53.1: Peak Depth - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Depth (m)
0.05 - 0.10
0.10 - 0.20
0.20 - 0.30
0.30 - 0.50

0.50 - 0.75
0.75 - 1.00
> 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

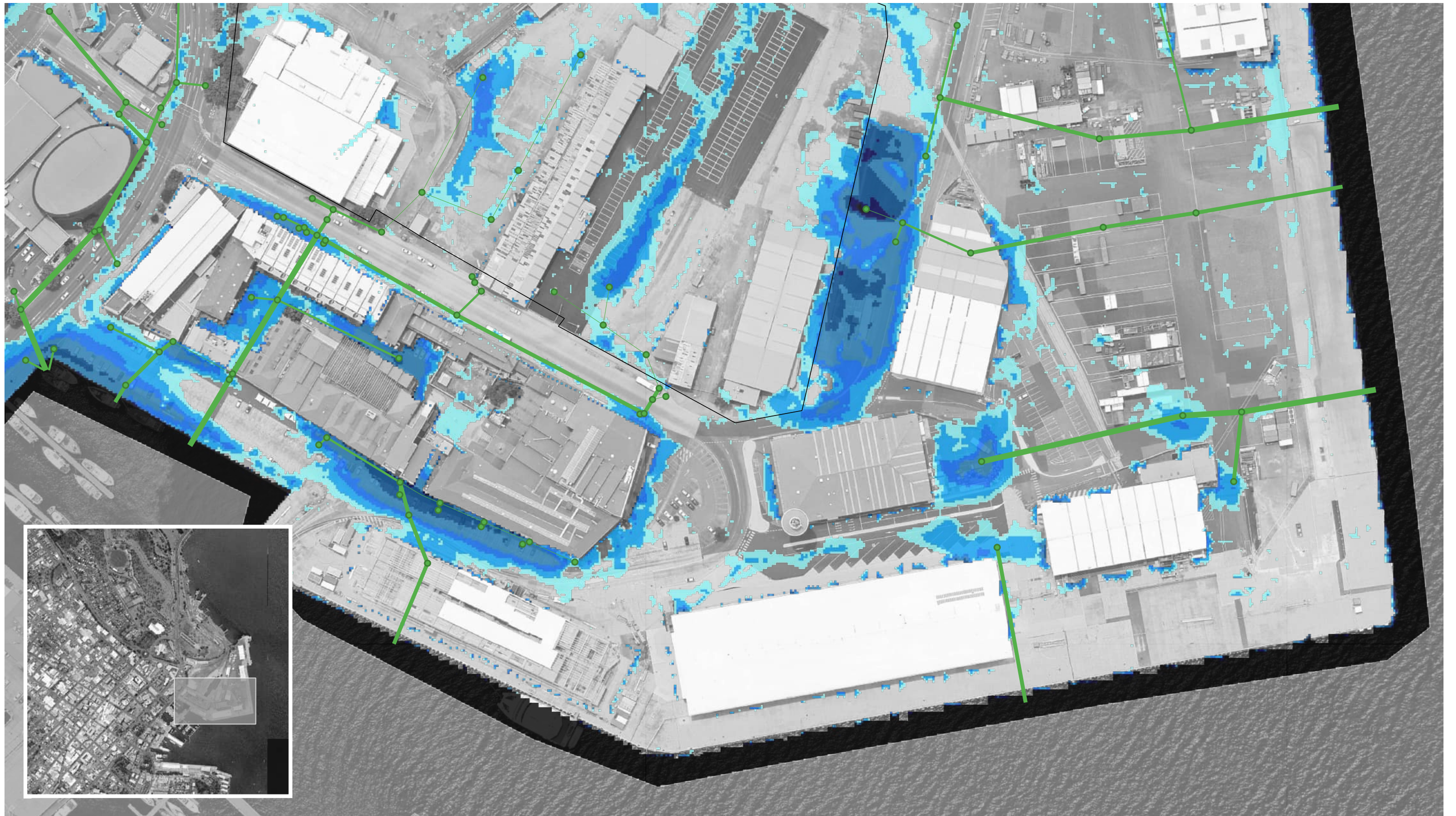
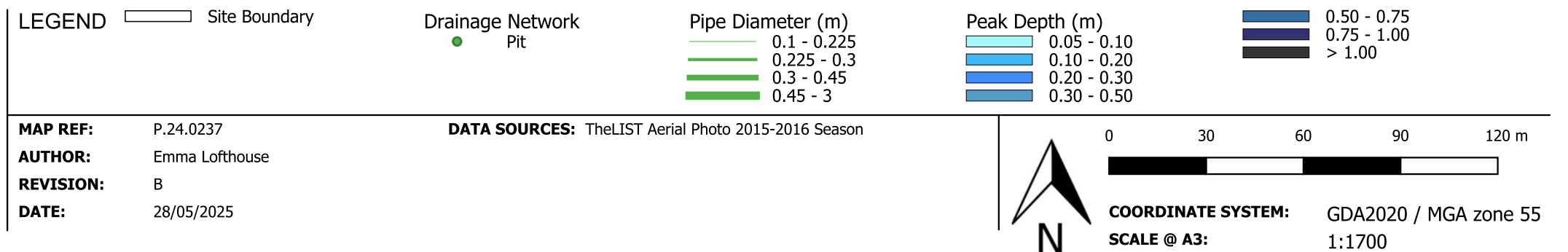


Figure 53.2: Peak Depth - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.



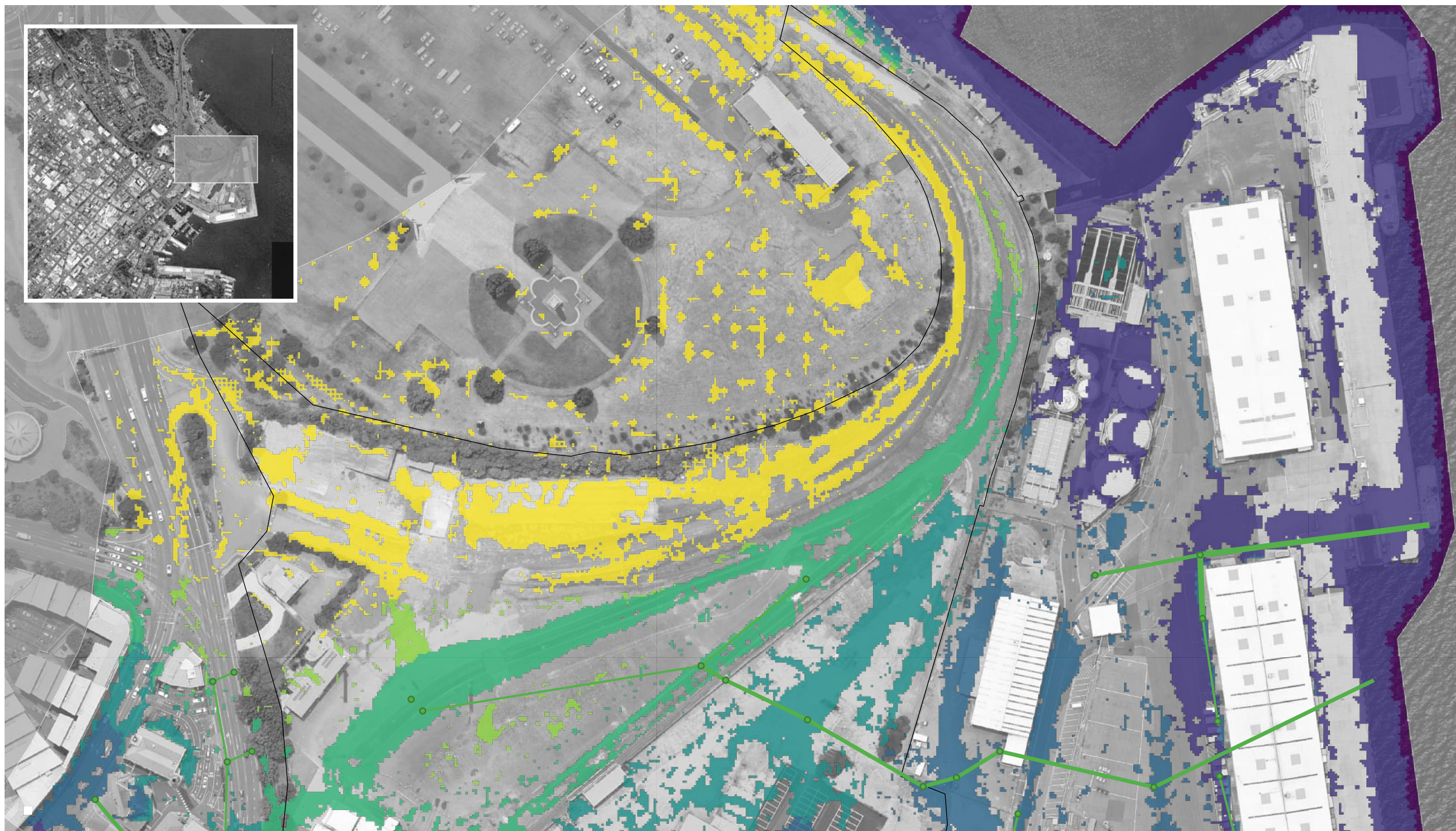


Figure 54.1: Peak Water Level - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

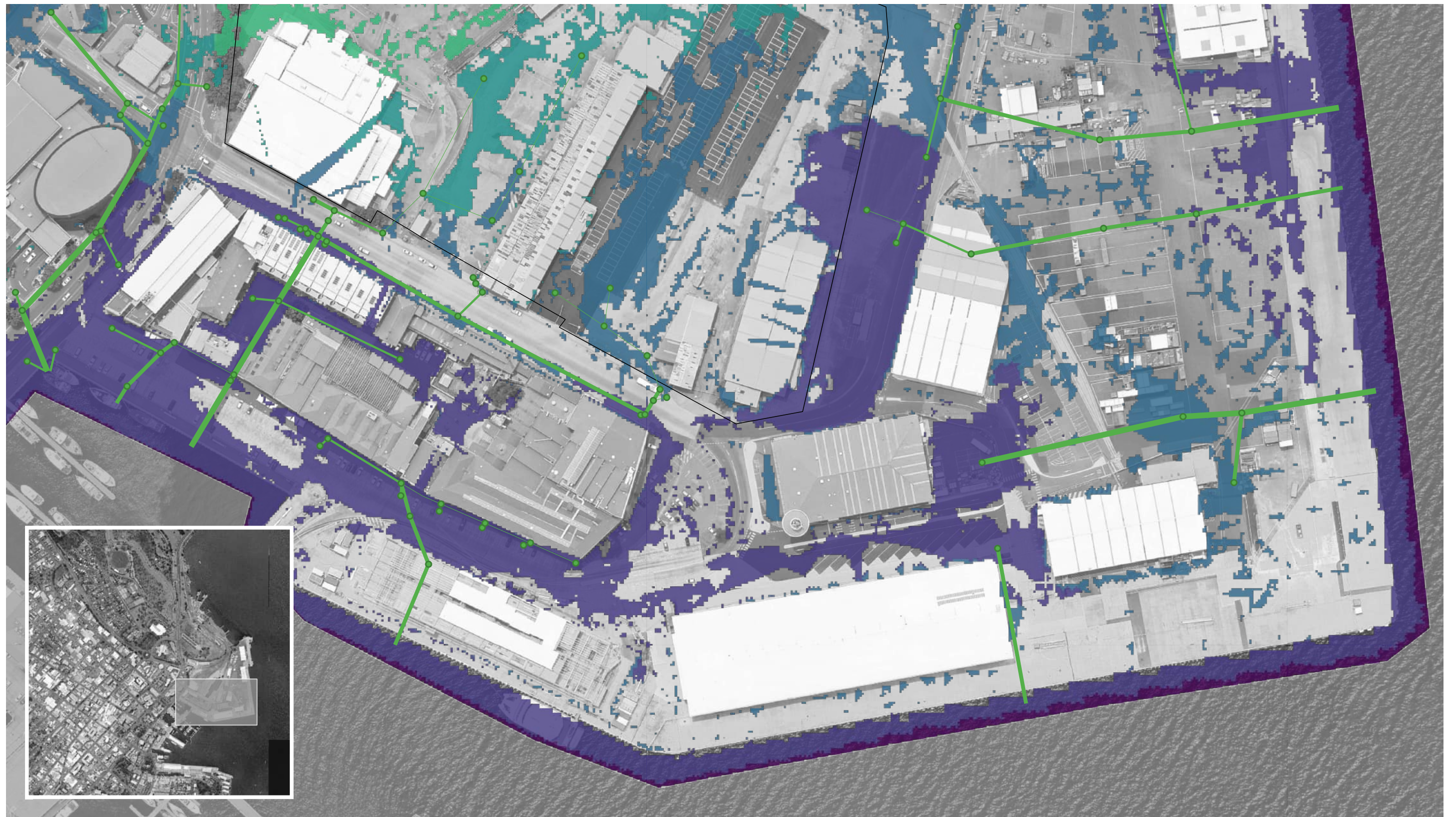


Figure 54.2: Peak Water Level - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

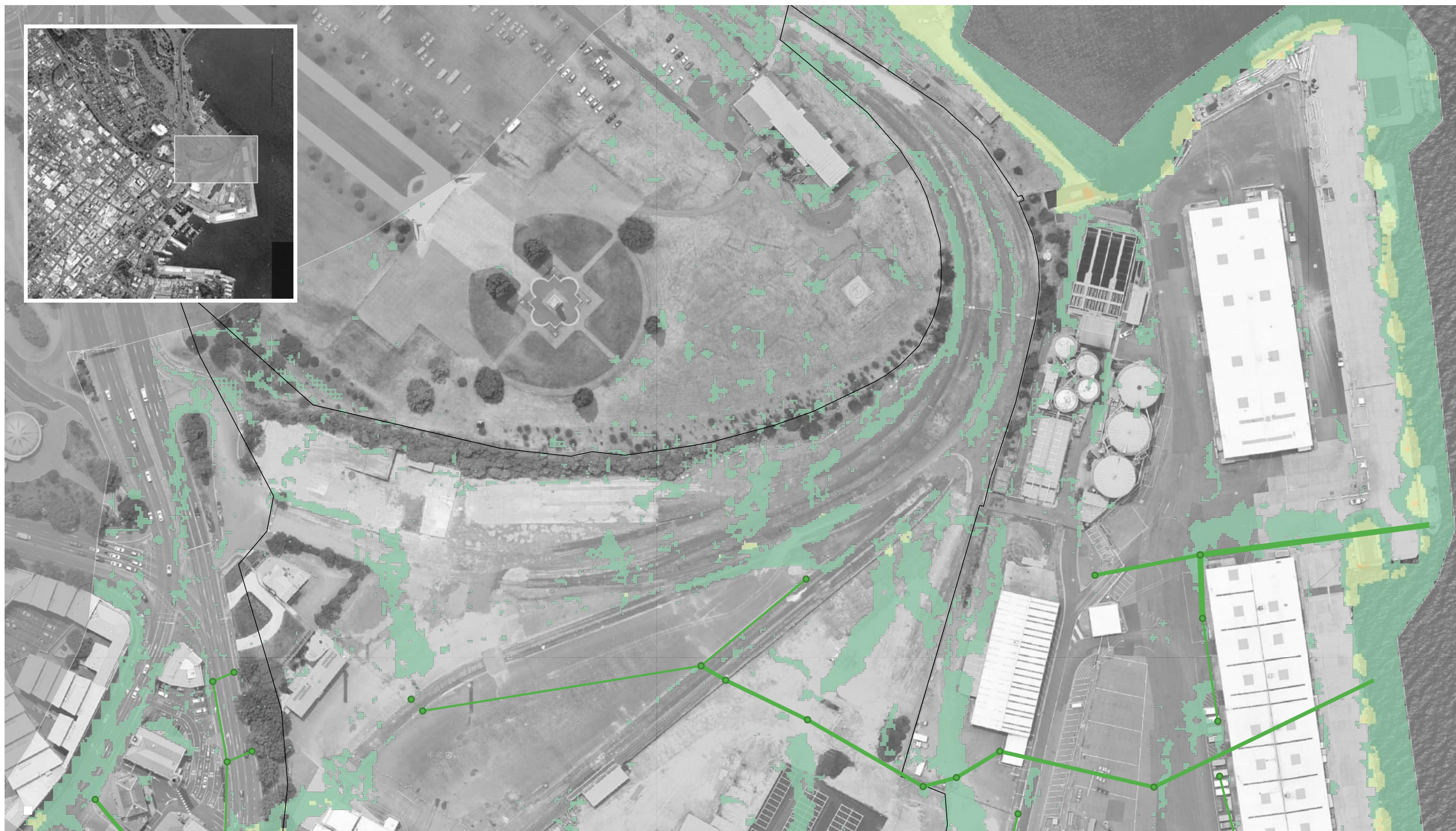


Figure 55.1: Peak Velocity - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 55.2: Peak Velocity - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

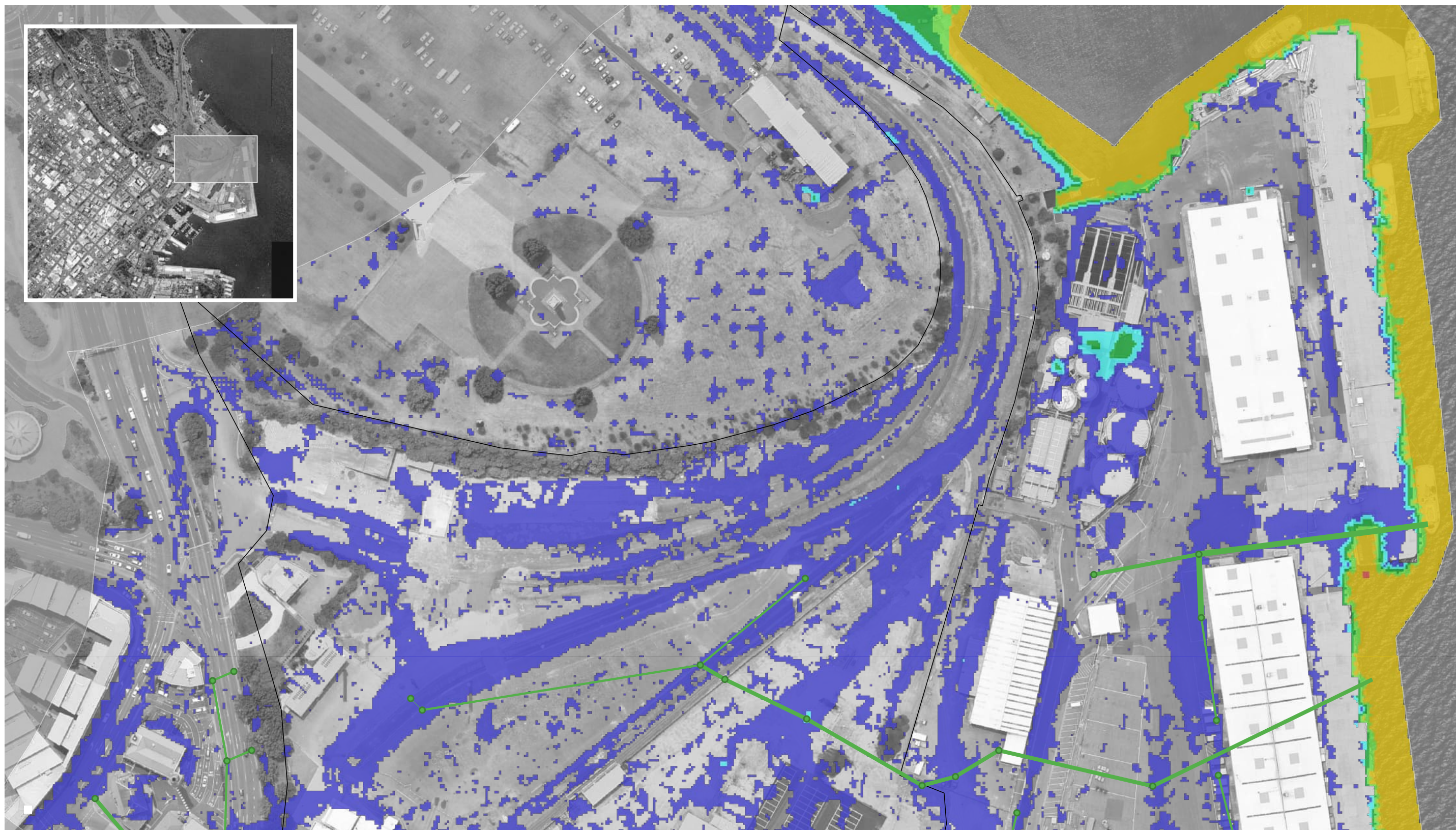


Figure 56.1: Peak Hazard - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

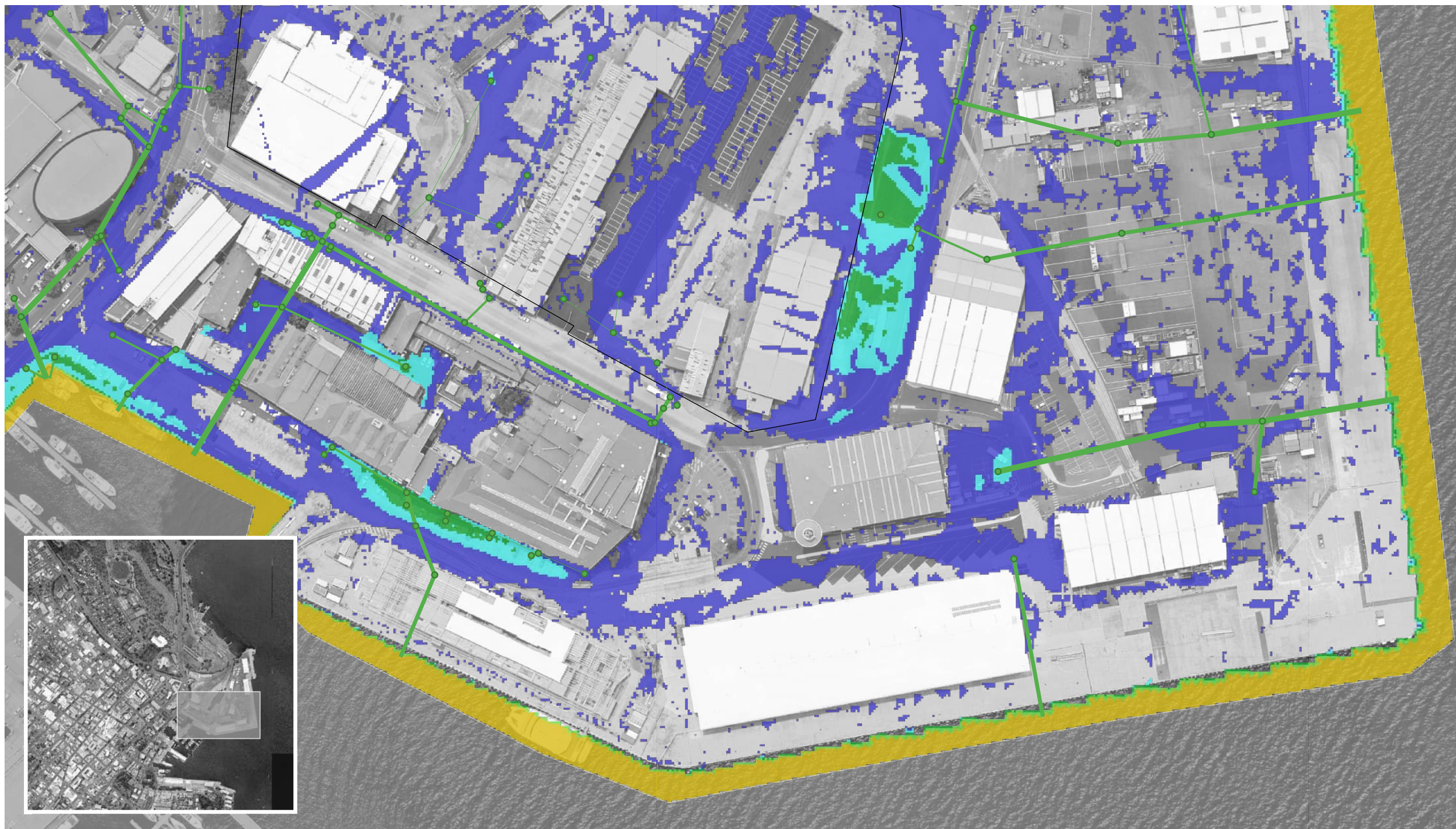


Figure 56.2: Peak Hazard - 1% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

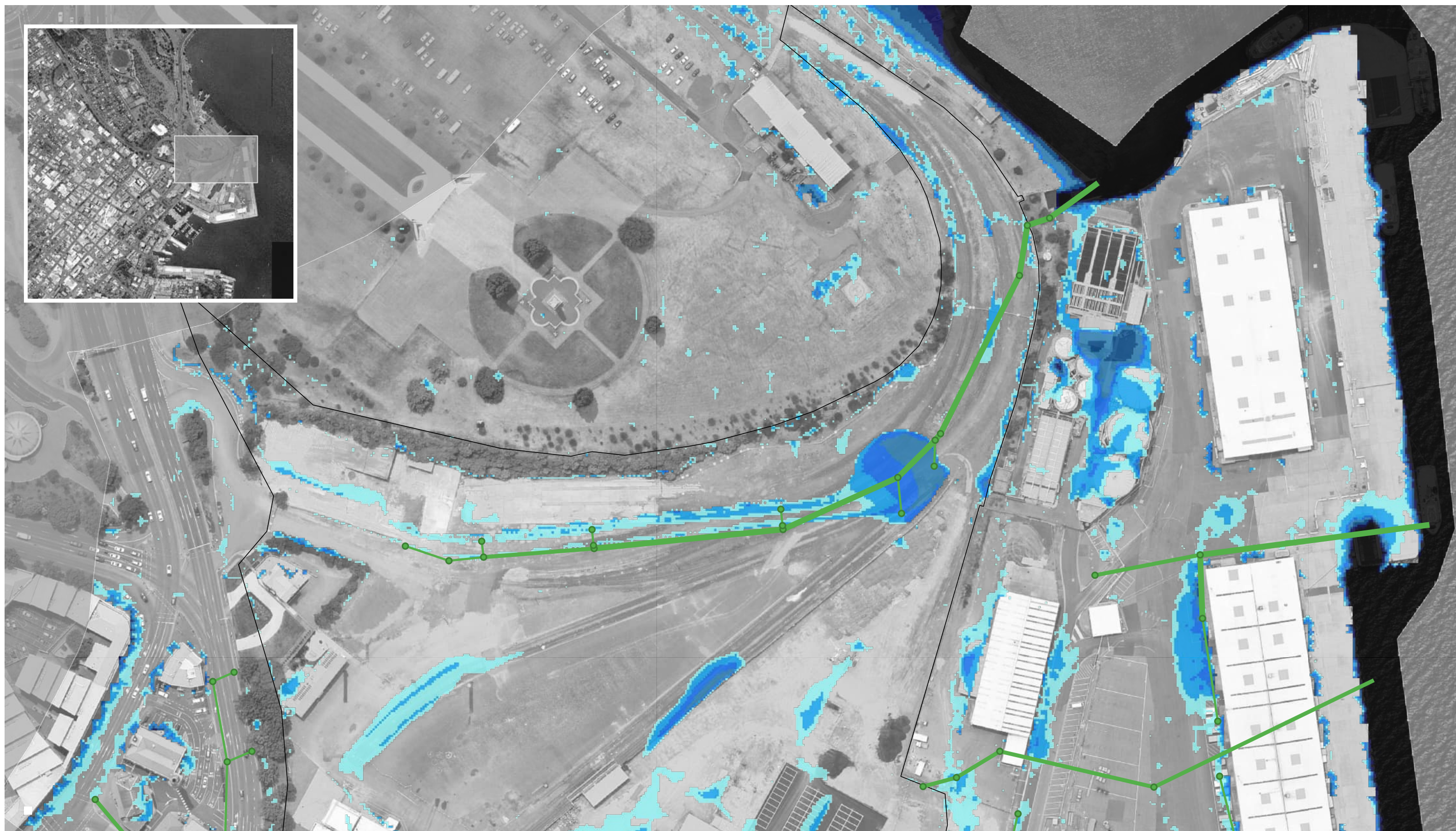


Figure 57.1: Peak Depth - 1% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

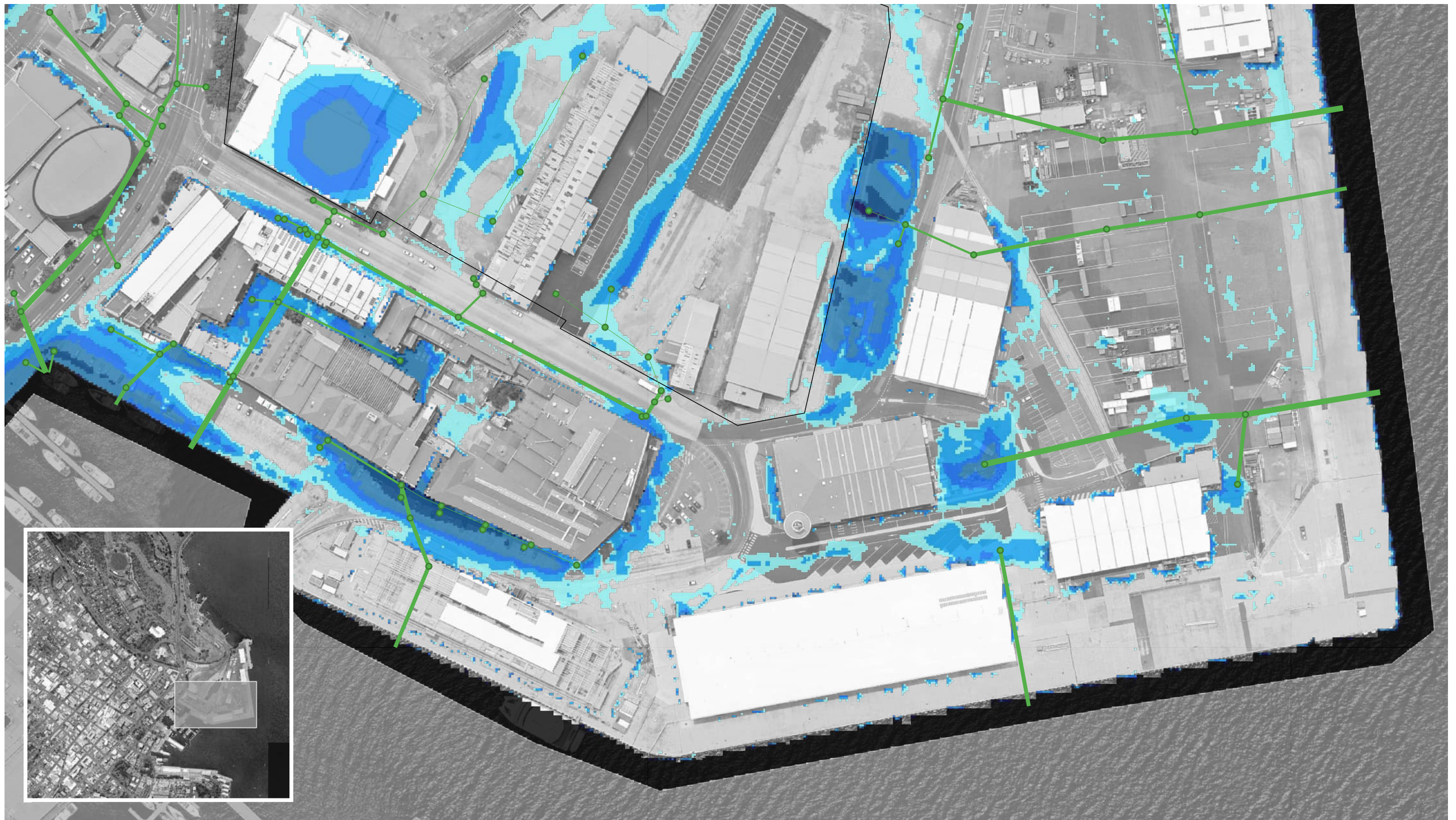


Figure 57.2: Peak Depth - 1% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit ●

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

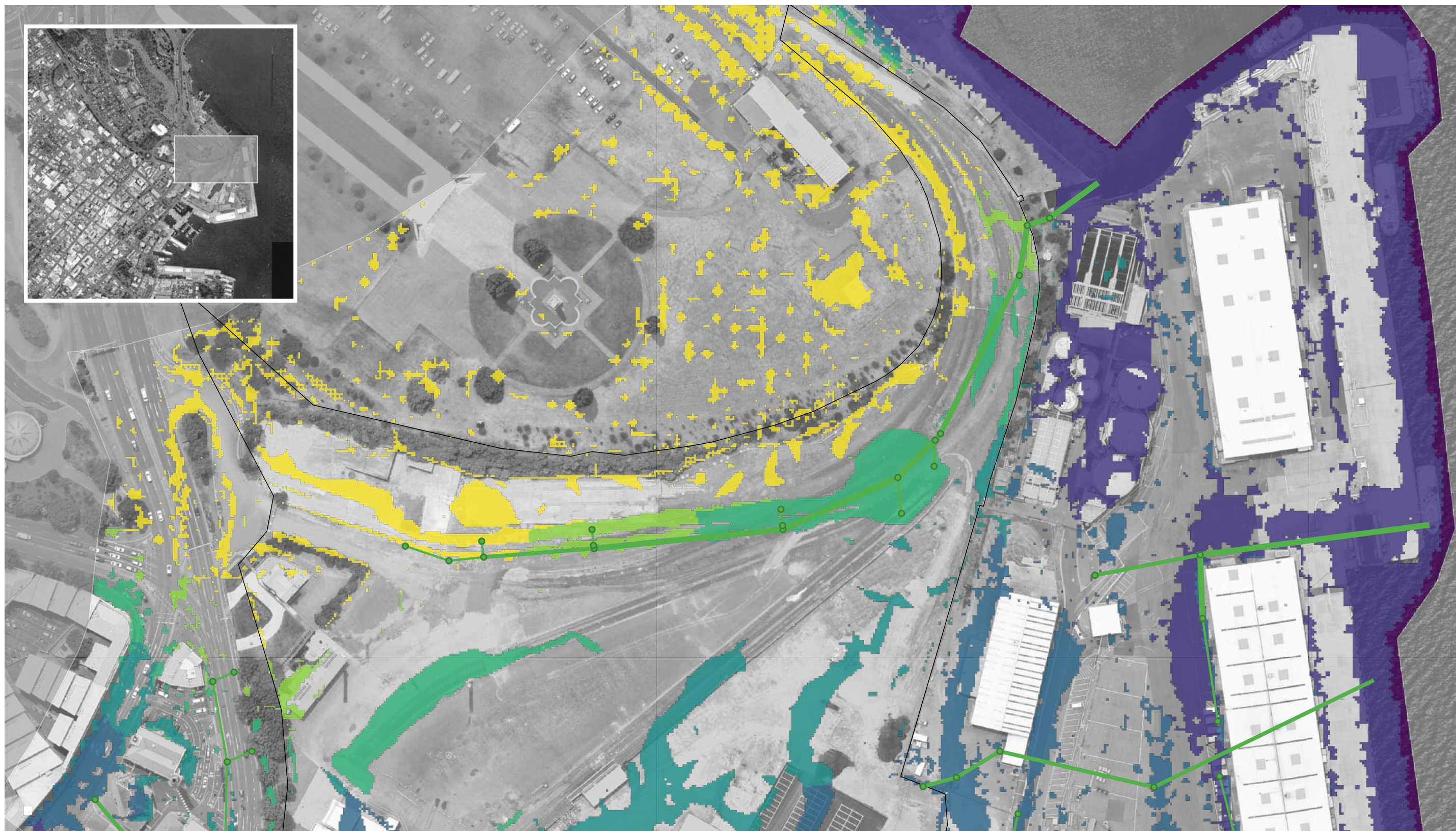


Figure 58.1: Peak Water Level - 1% AEP 2100
Existing Condition 2: Post-2020 access road construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

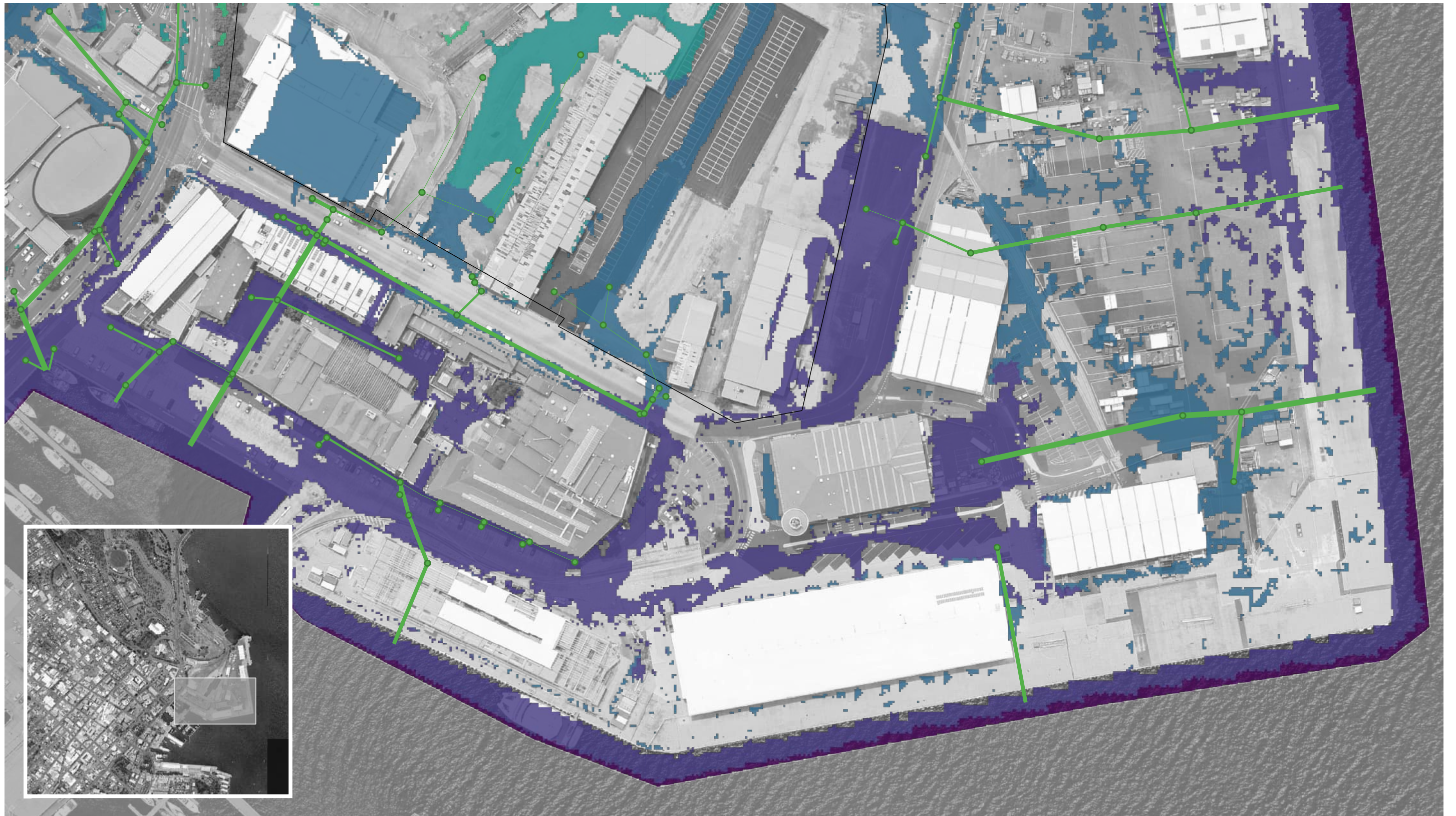


Figure 58.2: Peak Water Level - 1% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

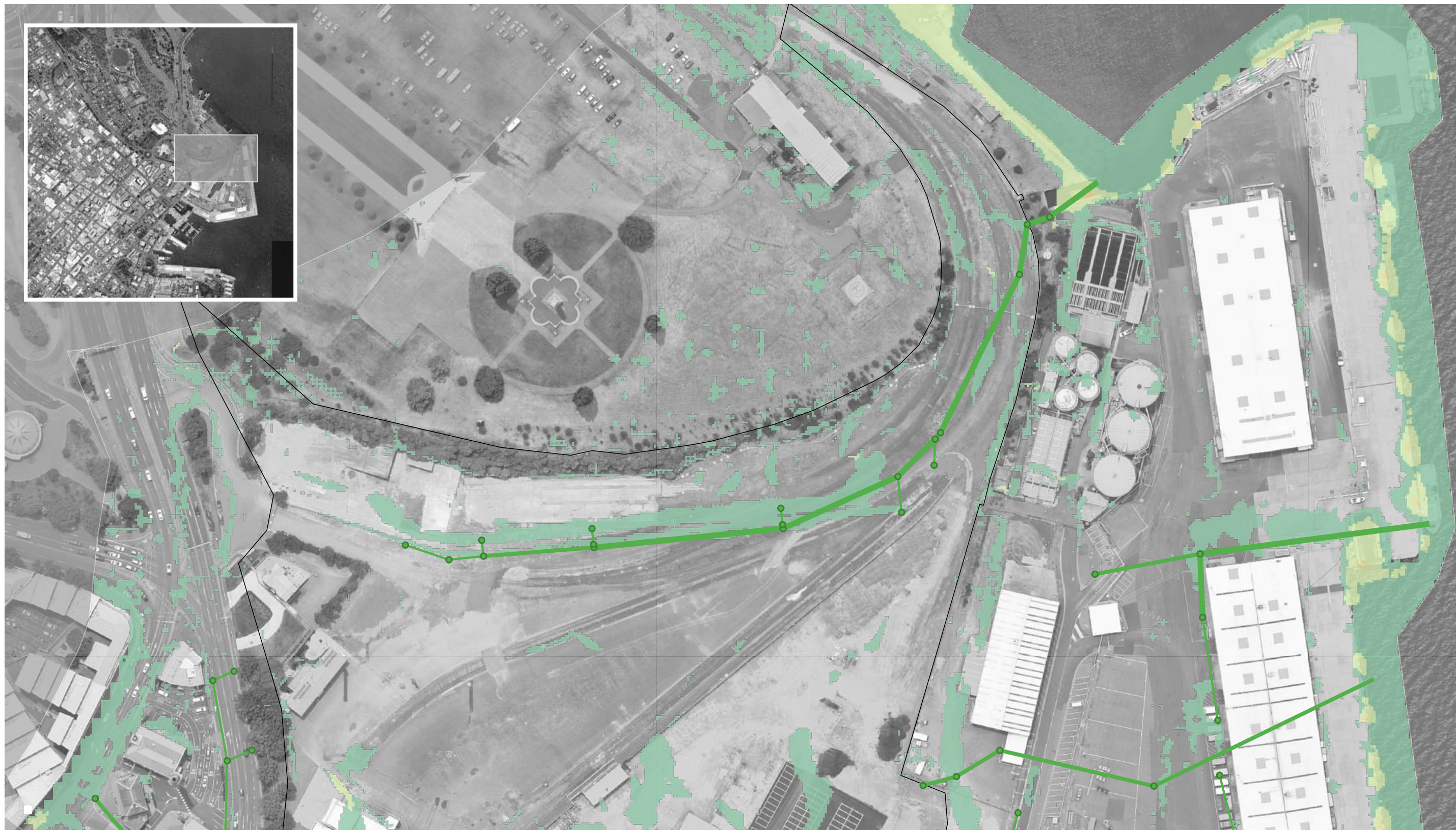


Figure 59.1: Peak Velocity - 1% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 59.2: Peak Velocity - 1% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

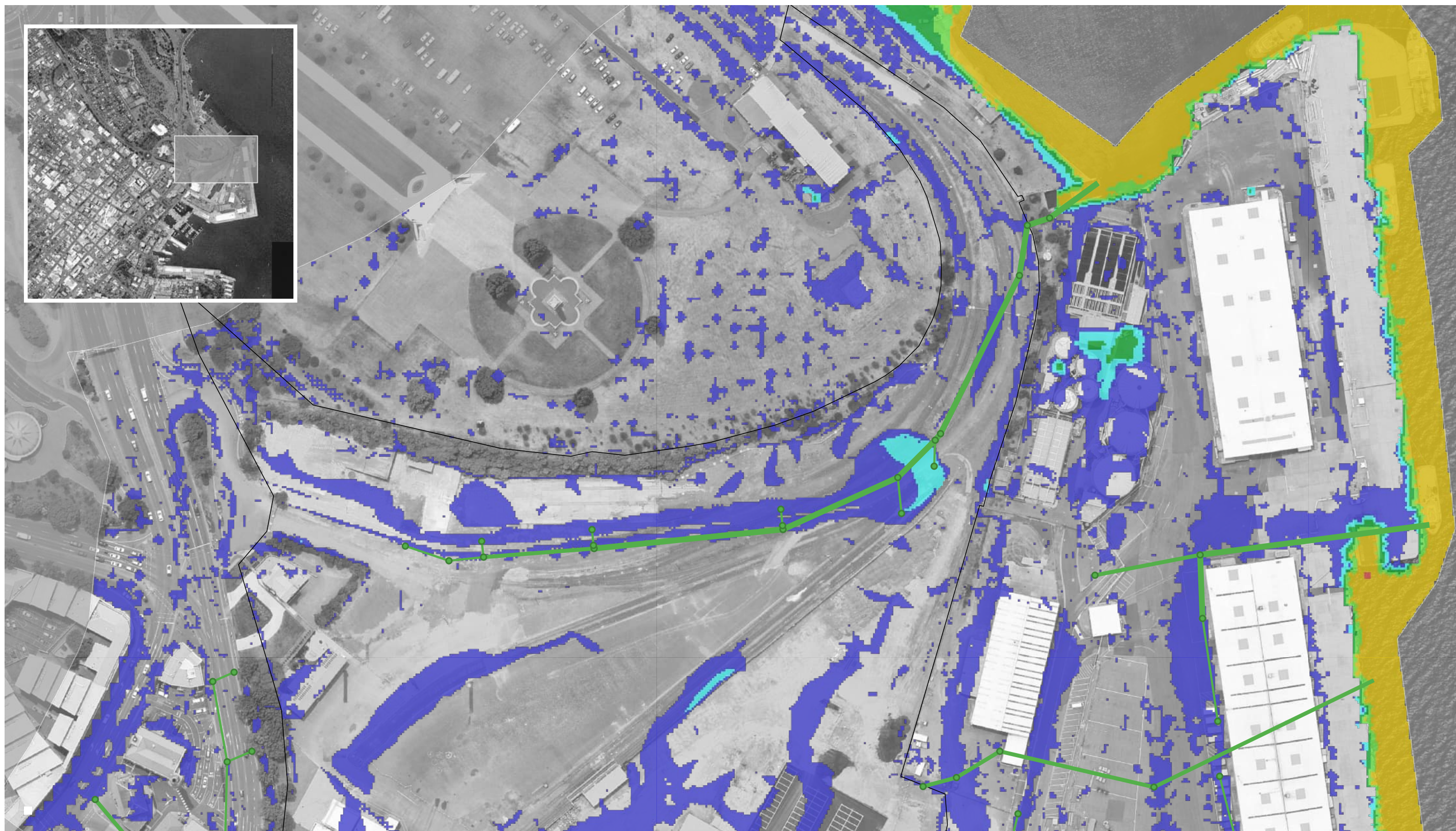


Figure 60.1: Peak Hazard - 1% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

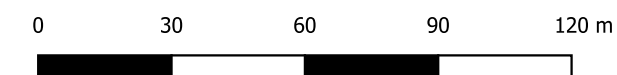
MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

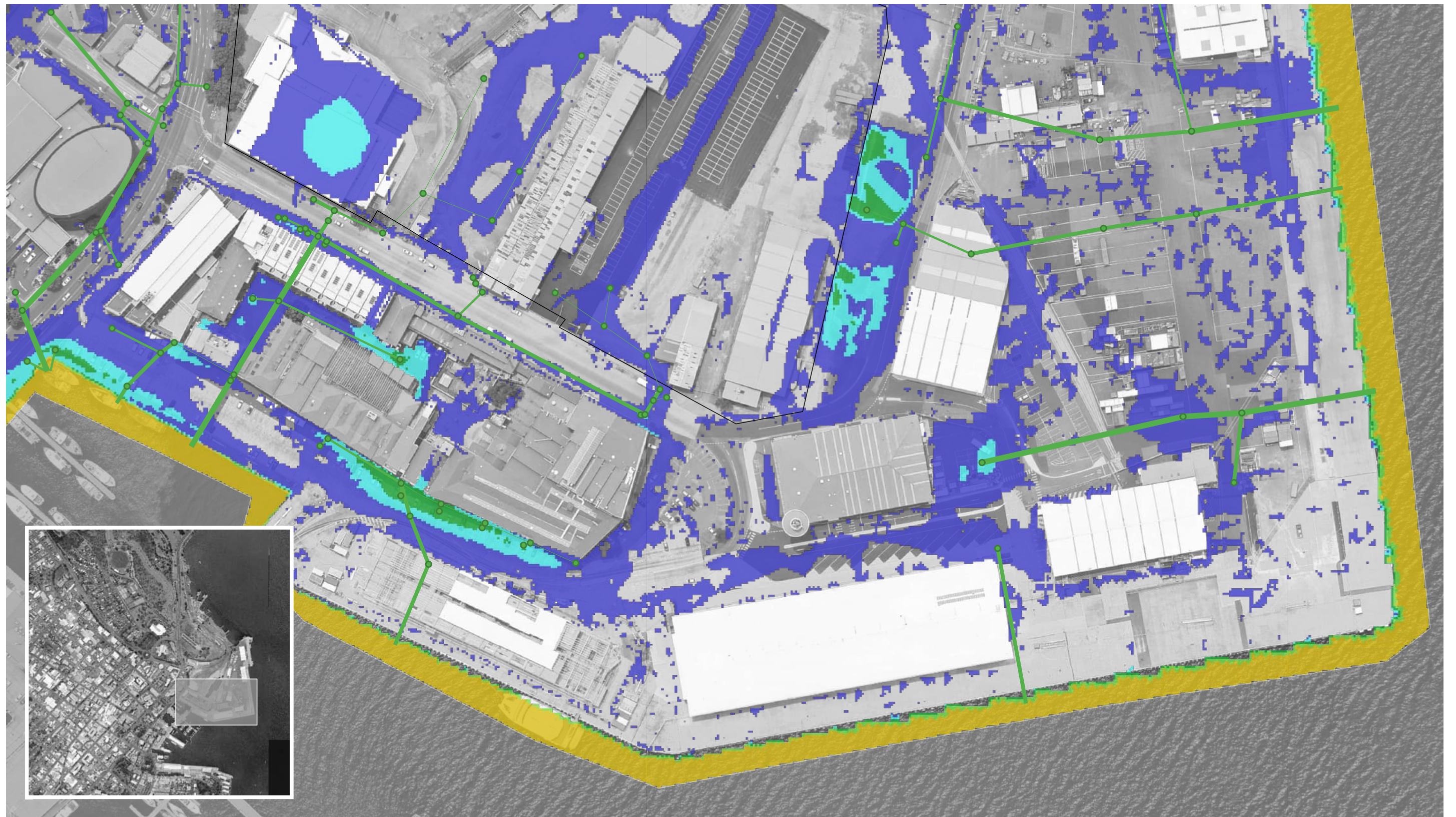


Figure 60.2: Peak Hazard - 1% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

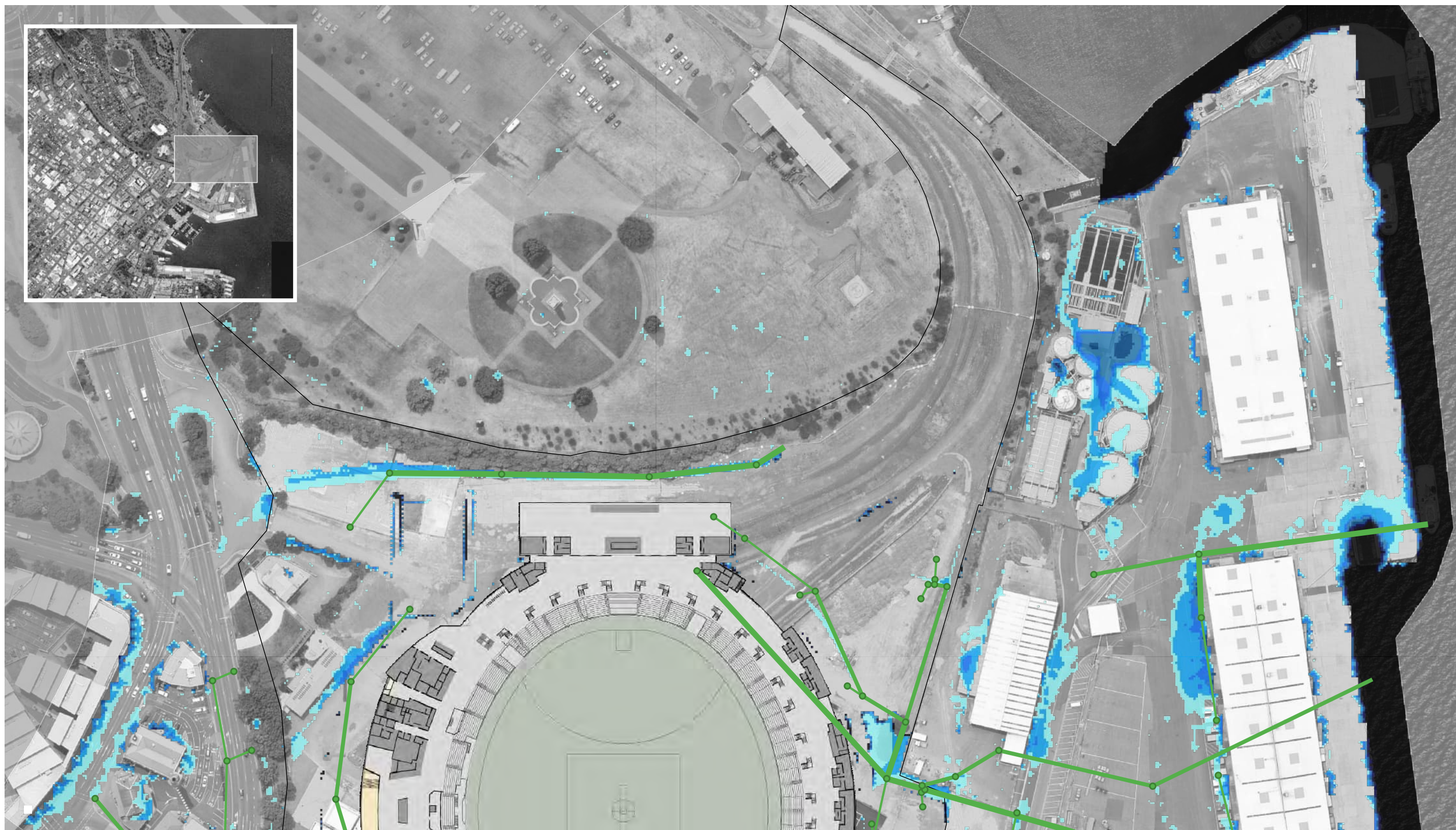


Figure 61.1: Peak Depth - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
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LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Depth (m)
0.05 - 0.10
0.10 - 0.20
0.20 - 0.30
0.30 - 0.50

0.50 - 0.75
0.75 - 1.00
> 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 61.2: Peak Depth - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

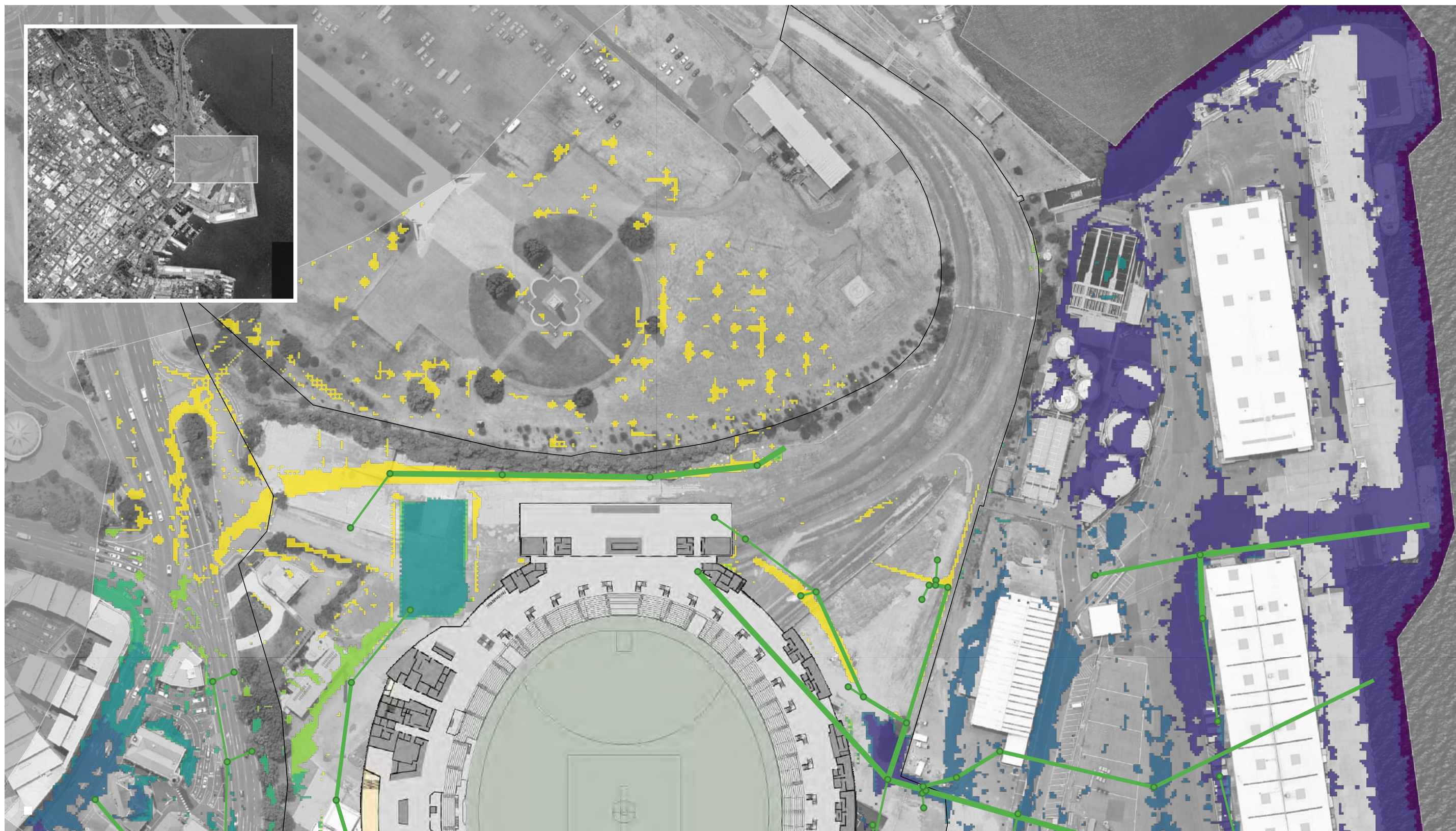


Figure 62.1: Peak Water Level - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Water Level (mAHD)
— ≤ 2
— 2 - 3
— 3 - 4
— 4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

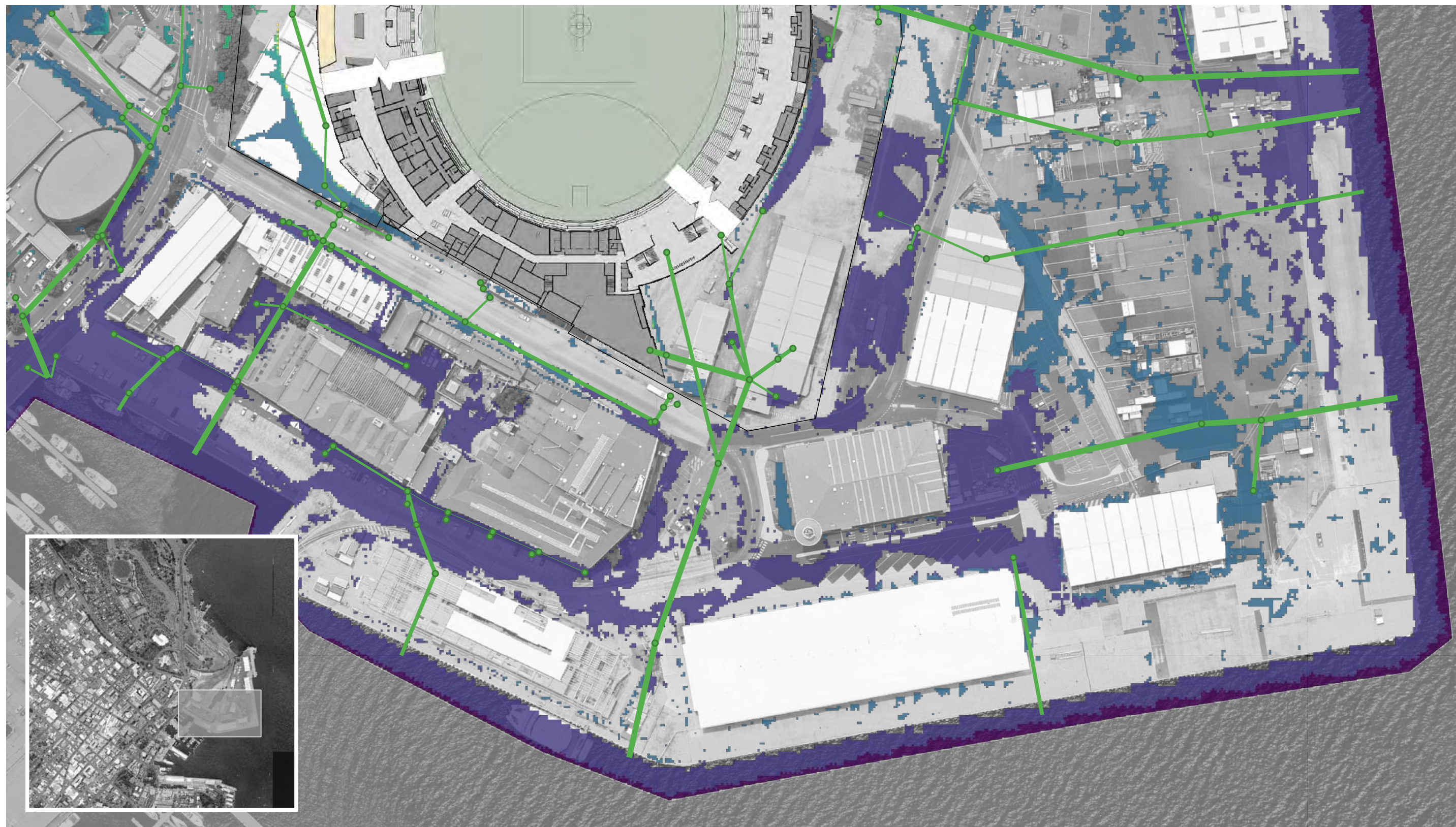


Figure 62.2: Peak Water Level - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
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DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

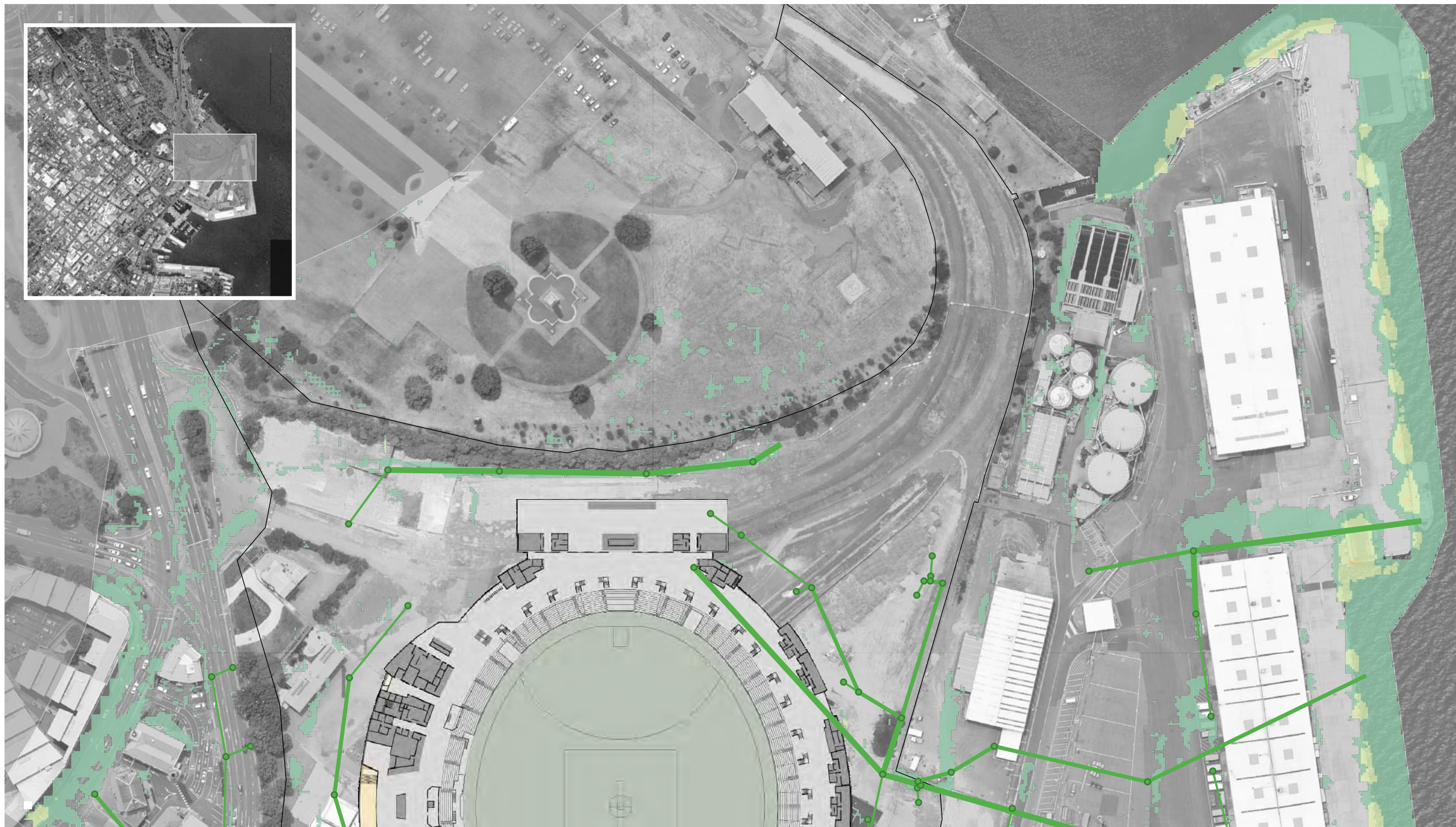


Figure 63.1: Peak Velocity - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

 2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 63.2: Peak Velocity - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

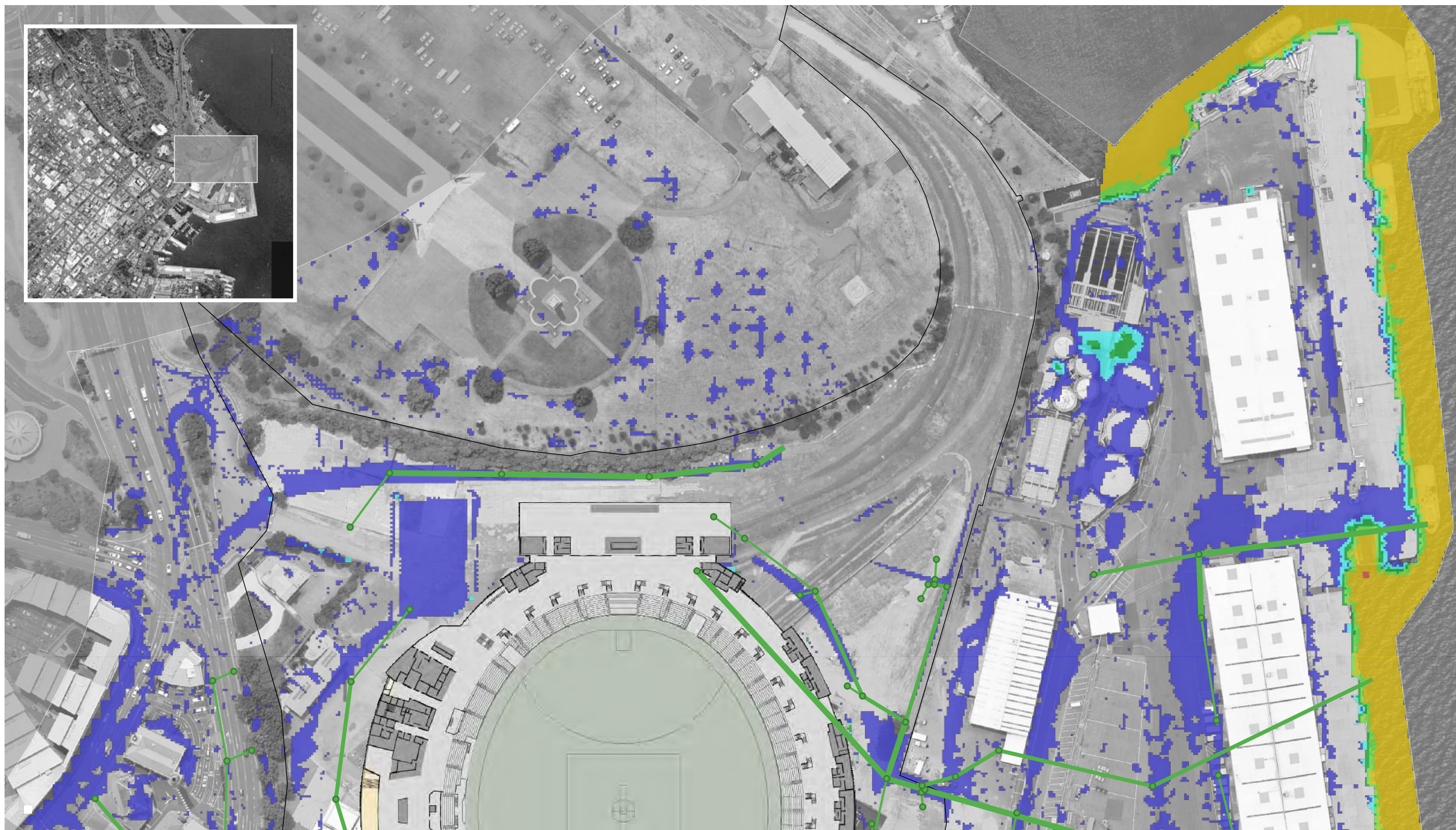


Figure 64.1: Peak Hazard - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

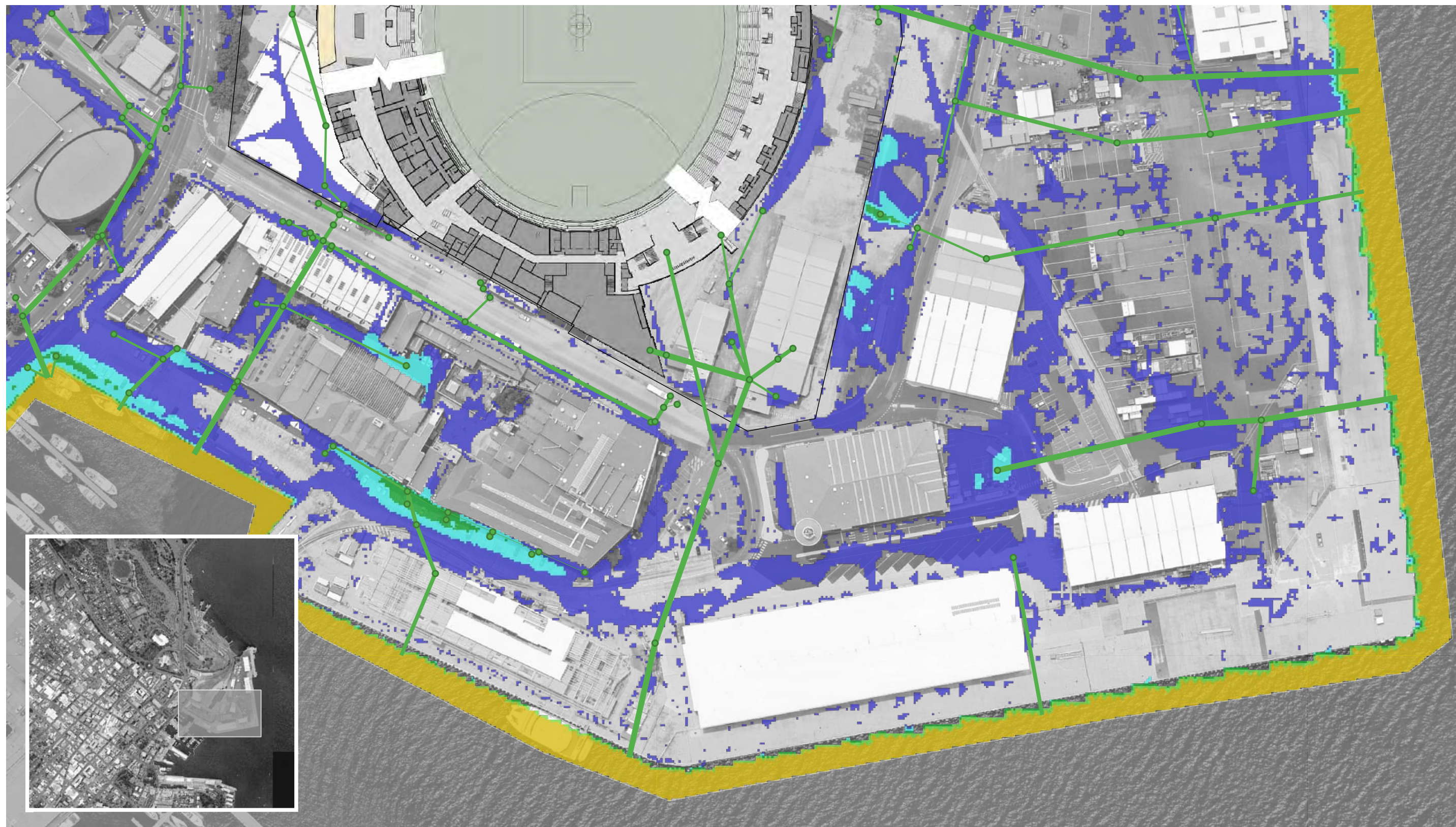


Figure 64.2: Peak Hazard - 1% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

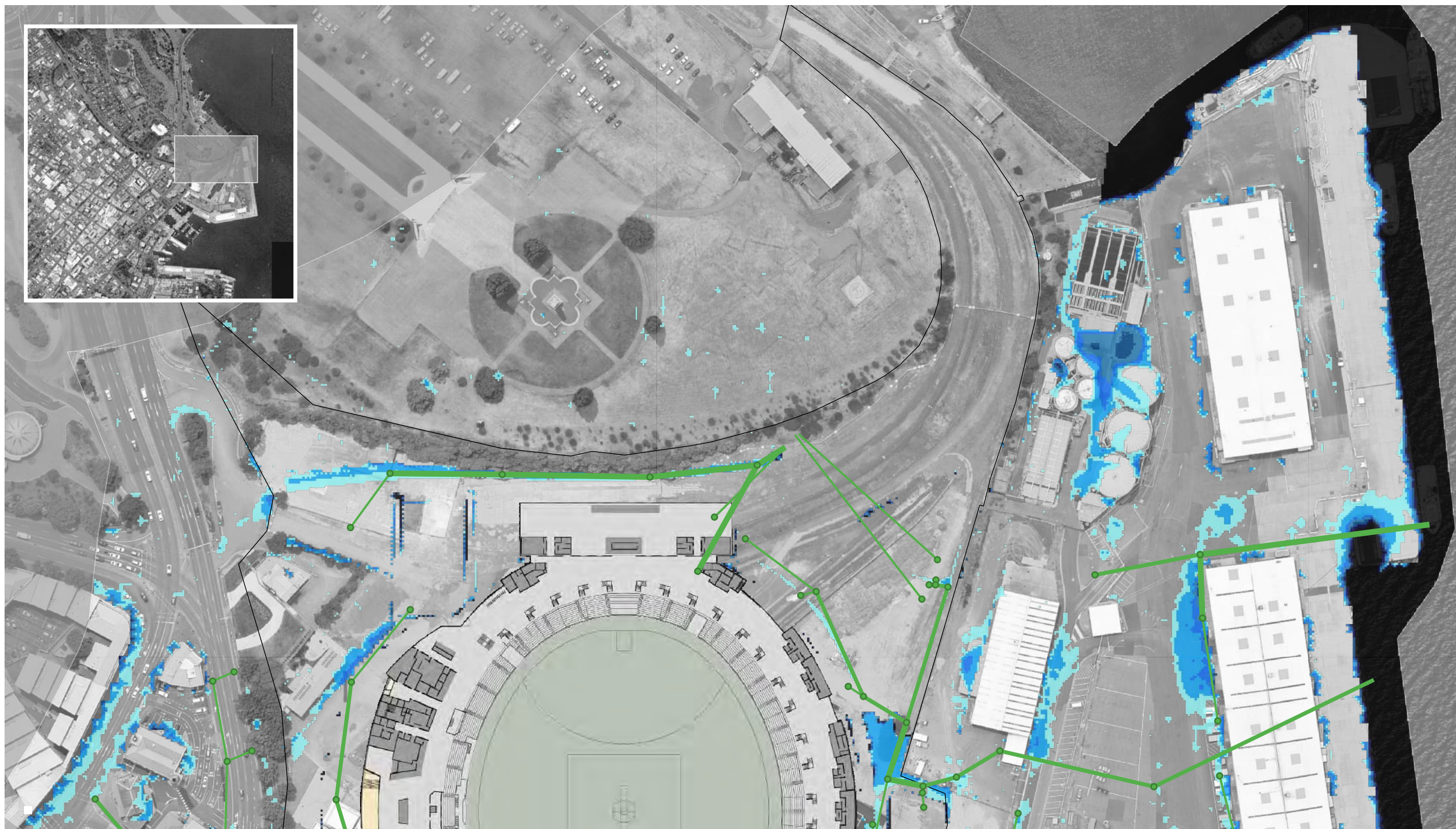


Figure 65.1: Peak Depth - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 65.2: Peak Depth - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary		Drainage Network Pit	Pipe Diameter (m) 0.1 - 0.225 0.225 - 0.3 0.3 - 0.45 0.45 - 3	Peak Depth (m) 0.05 - 0.10 0.10 - 0.20 0.20 - 0.30 0.30 - 0.50	0.50 - 0.75 0.75 - 1.00 > 1.00
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		 N 0 30 60 90 120 m		
			COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700		

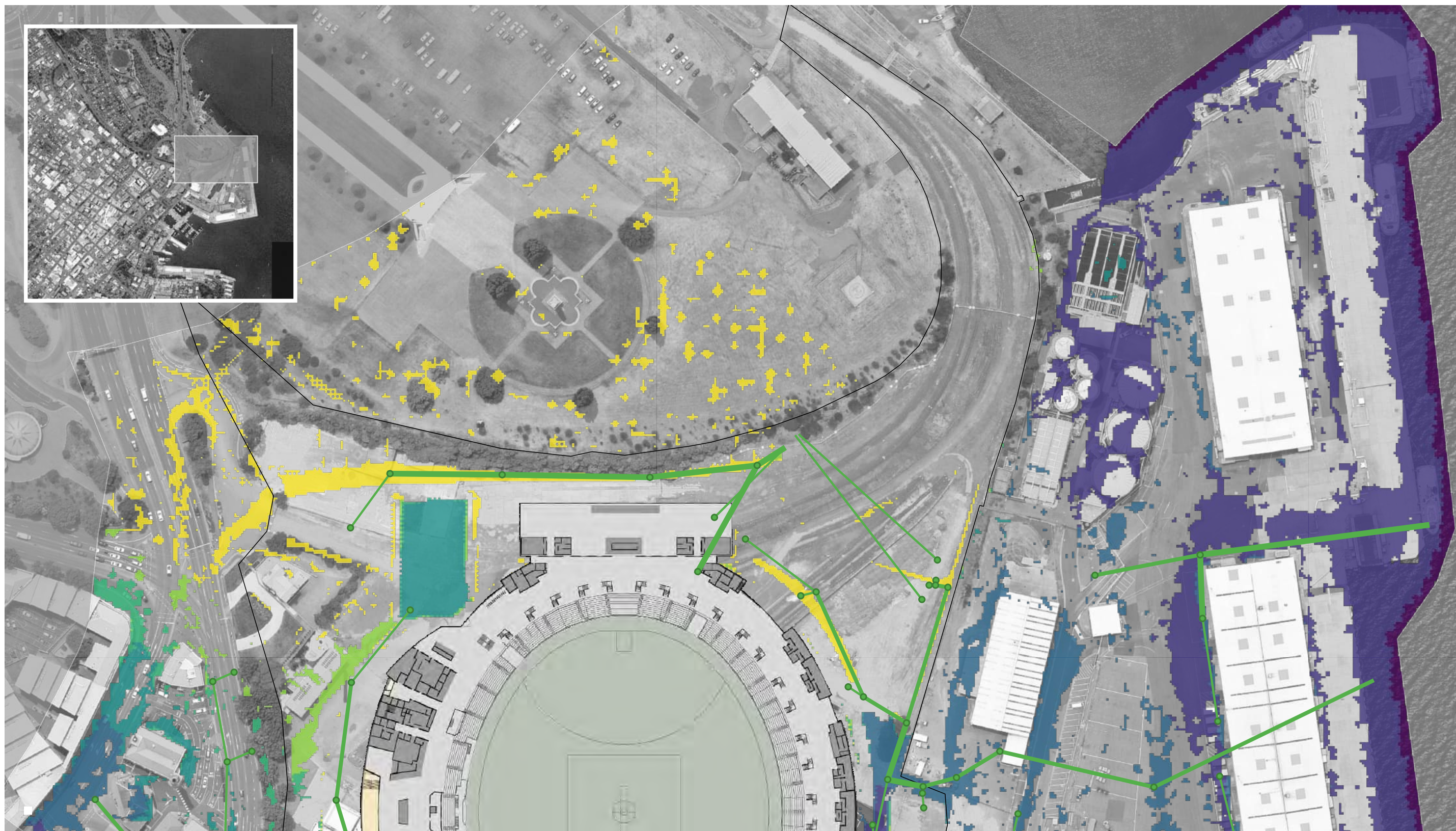


Figure 66.1: Peak Water Level - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHd)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

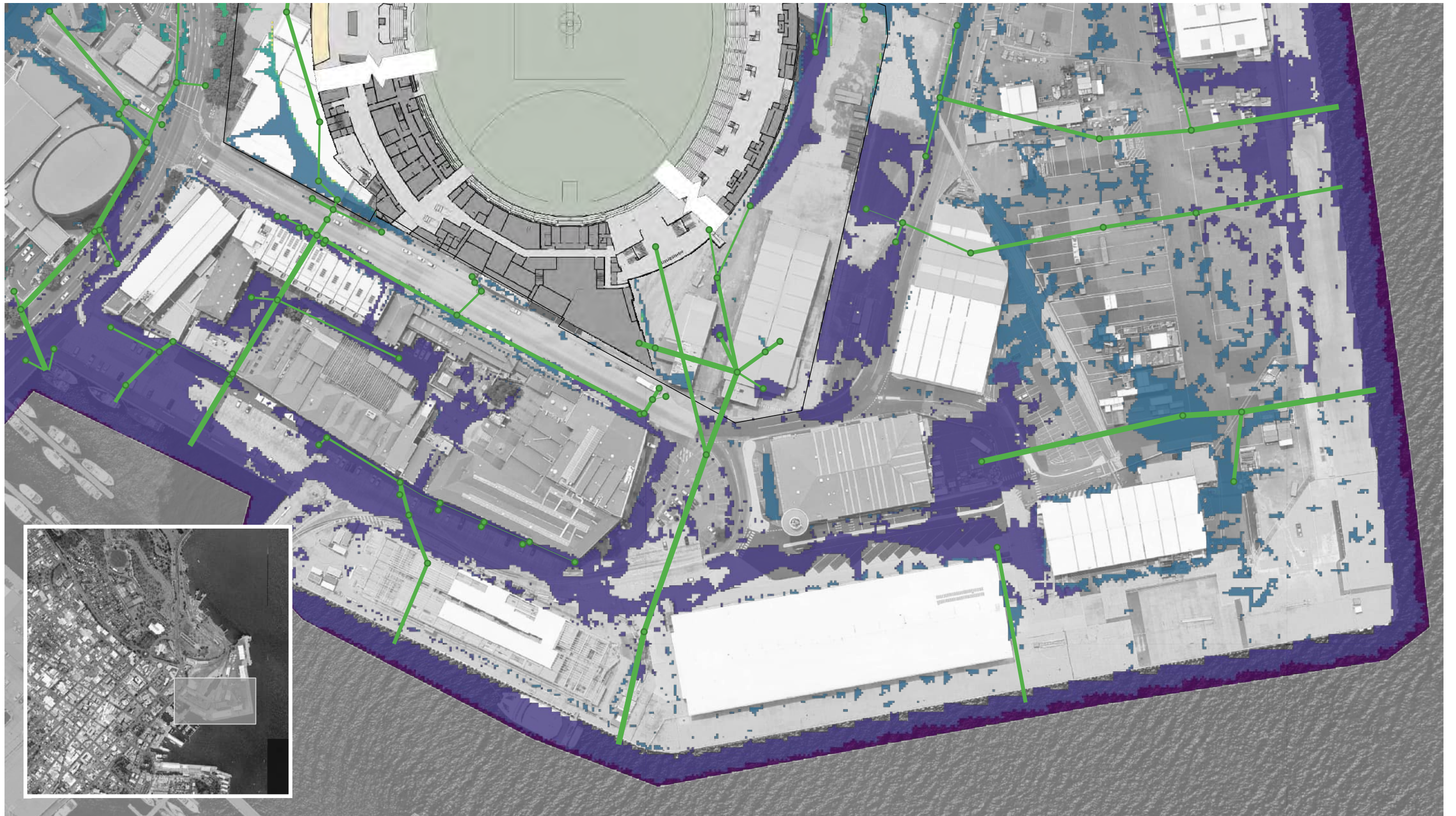


Figure 66.2: Peak Water Level - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary		Drainage Network Pit	Pipe Diameter (m) 0.1 - 0.225 0.225 - 0.3 0.3 - 0.45 0.45 - 3	Peak Water Level (mAHD) ≤ 2 2 - 3 3 - 4 4 - 5	5 - 6 6 - 7 > 7
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		 N 0 30 60 90 120 m		
COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700					

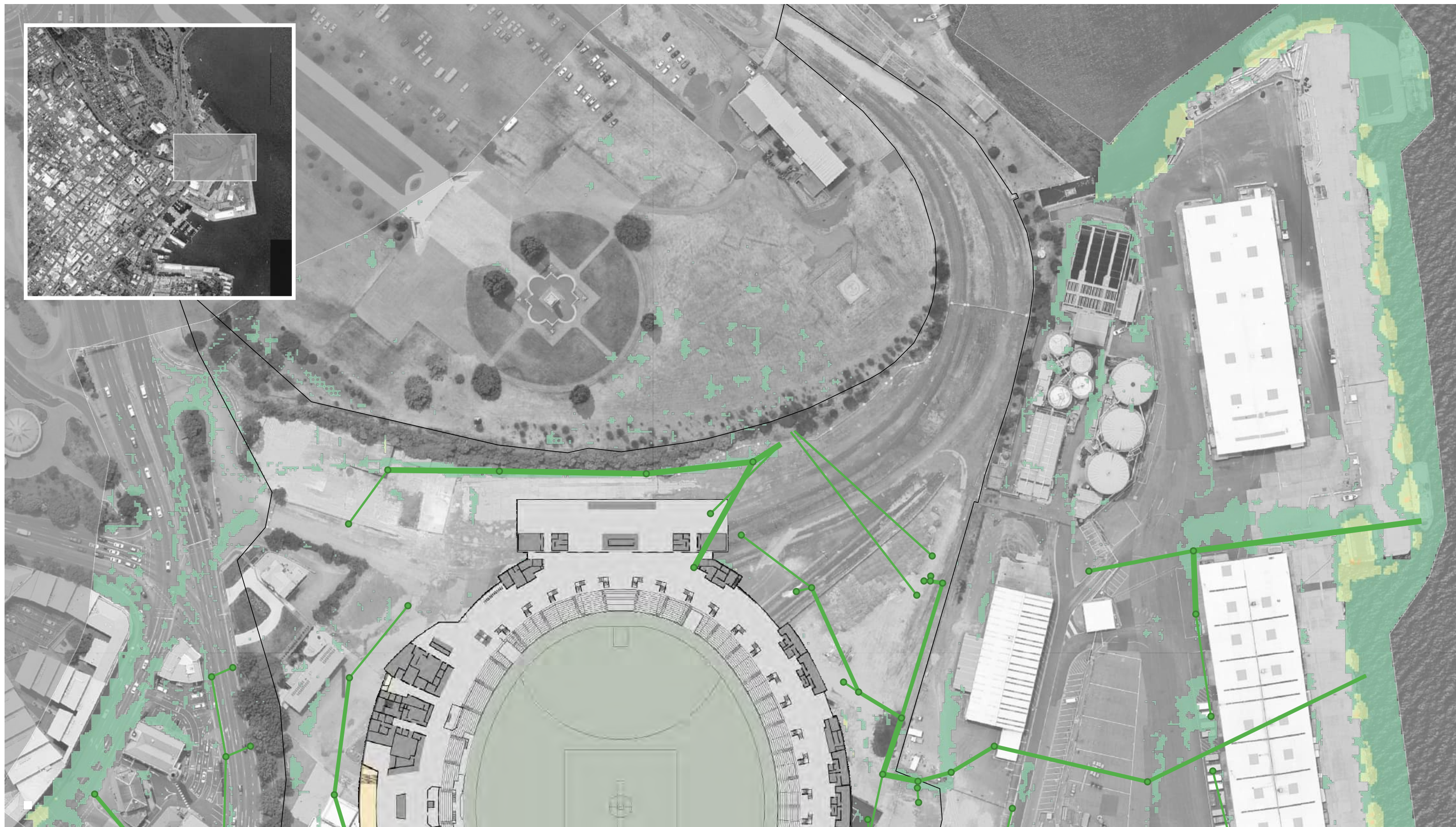


Figure 67.1: Peak Velocity - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

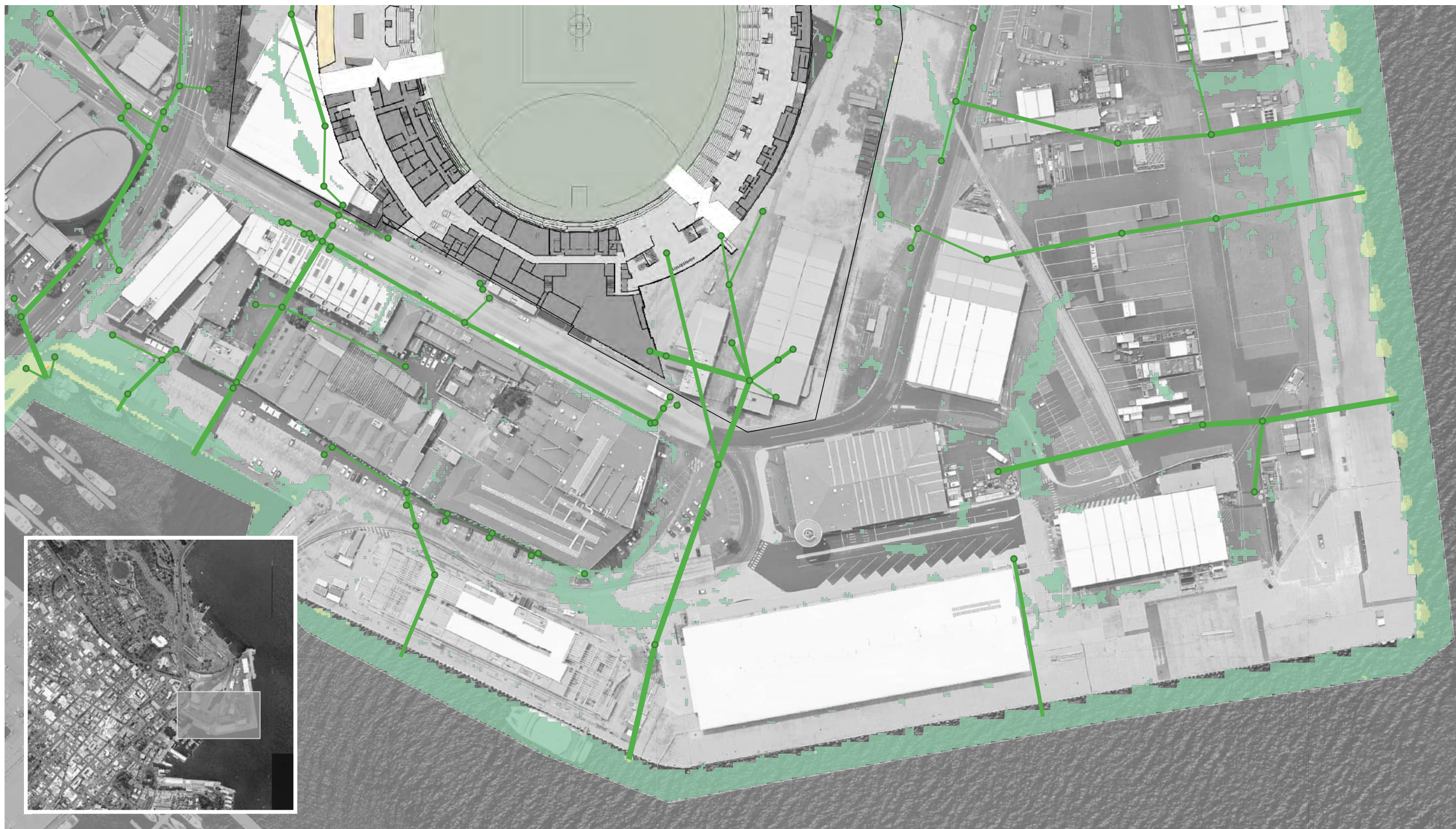


Figure 67.2: Peak Velocity - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

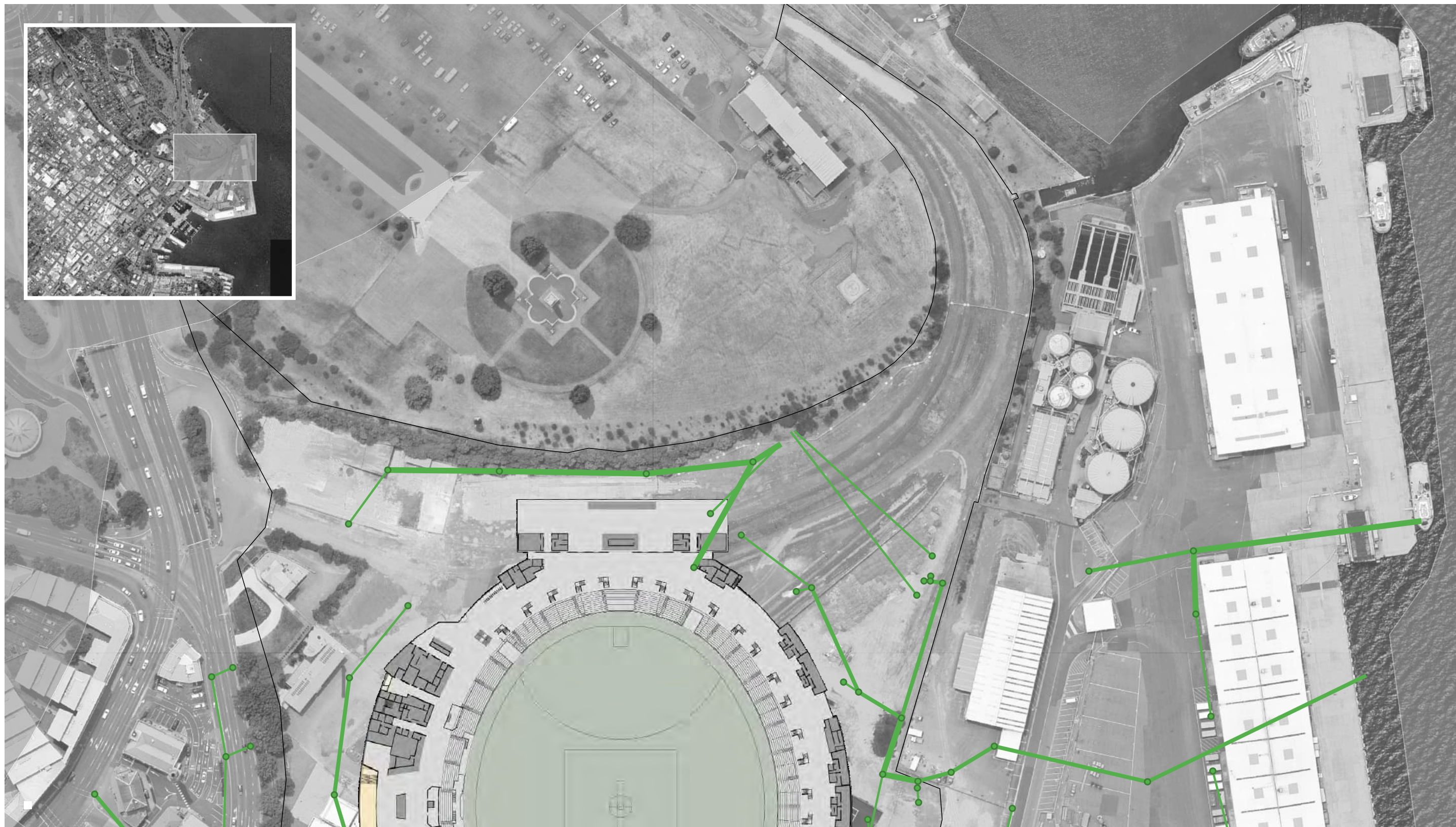


Figure 68.1: Peak Hazard - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 68.2: Peak Hazard - 1% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

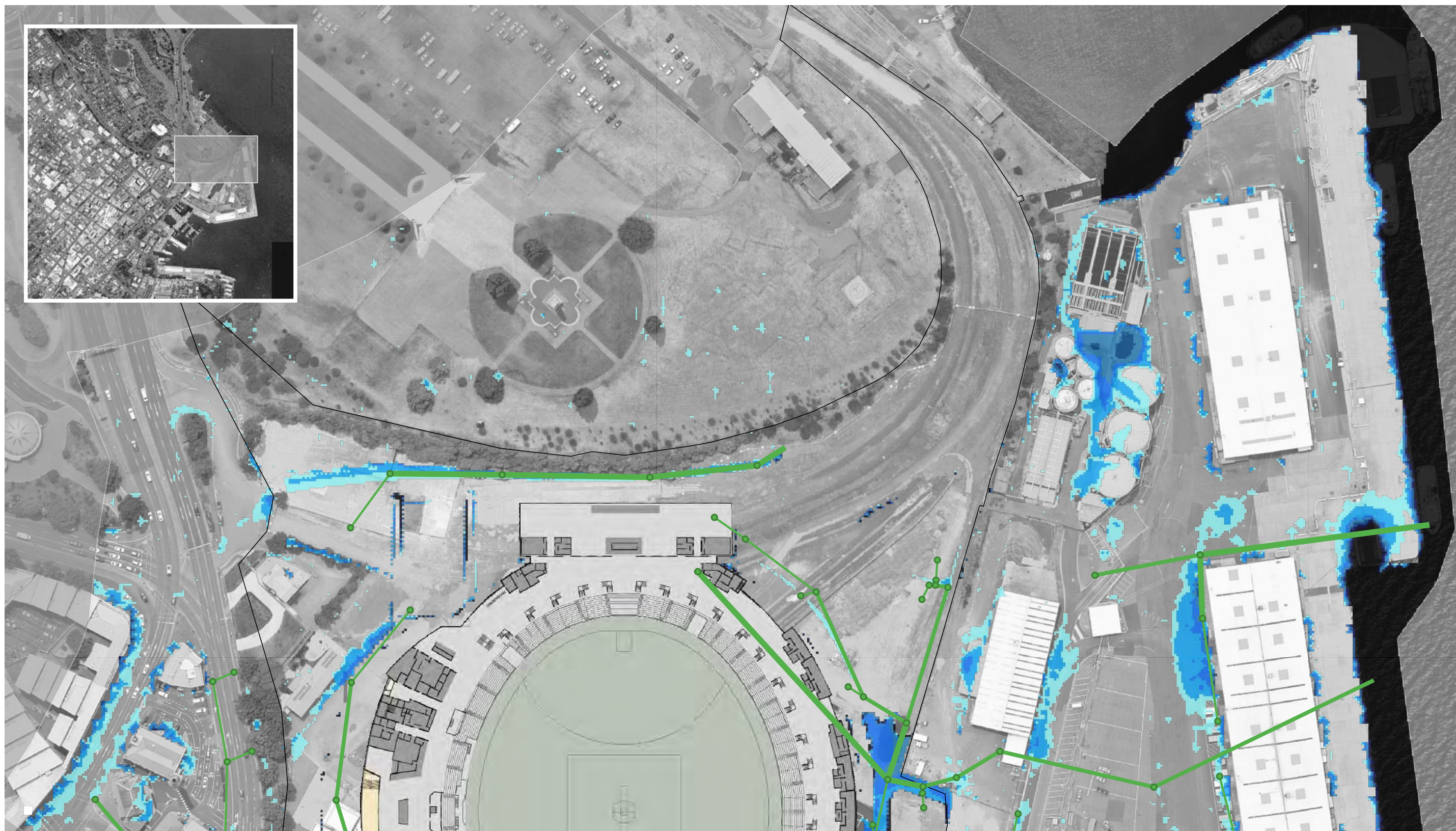


Figure 69.1: Peak Depth - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 69.2: Peak Depth - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit ●

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

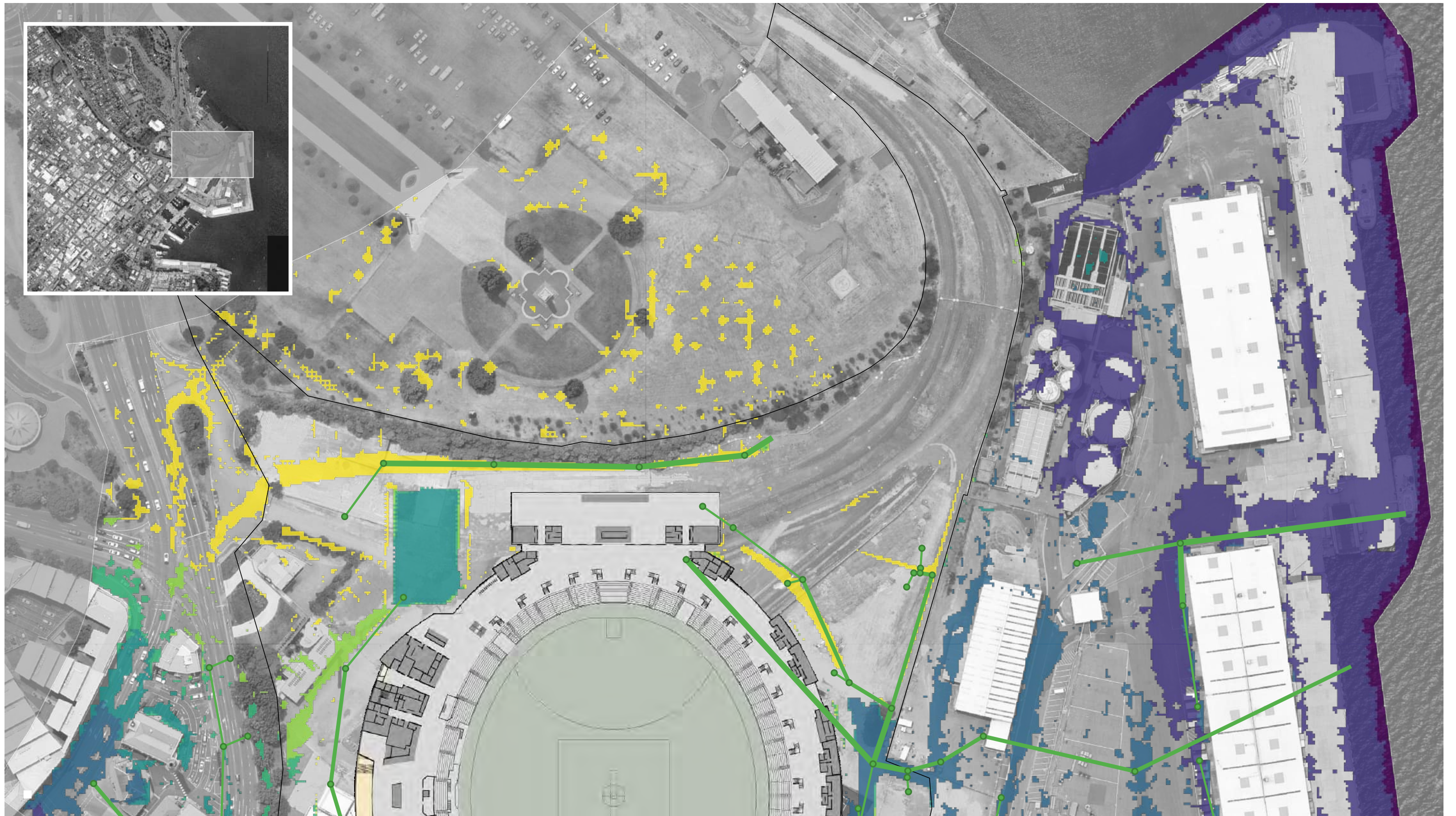


Figure 70.1: Peak Water Level - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Water Level (mAHd)
■ ≤ 2
■ 2 - 3
■ 3 - 4
■ 4 - 5

■ 5 - 6
■ 6 - 7
■ > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

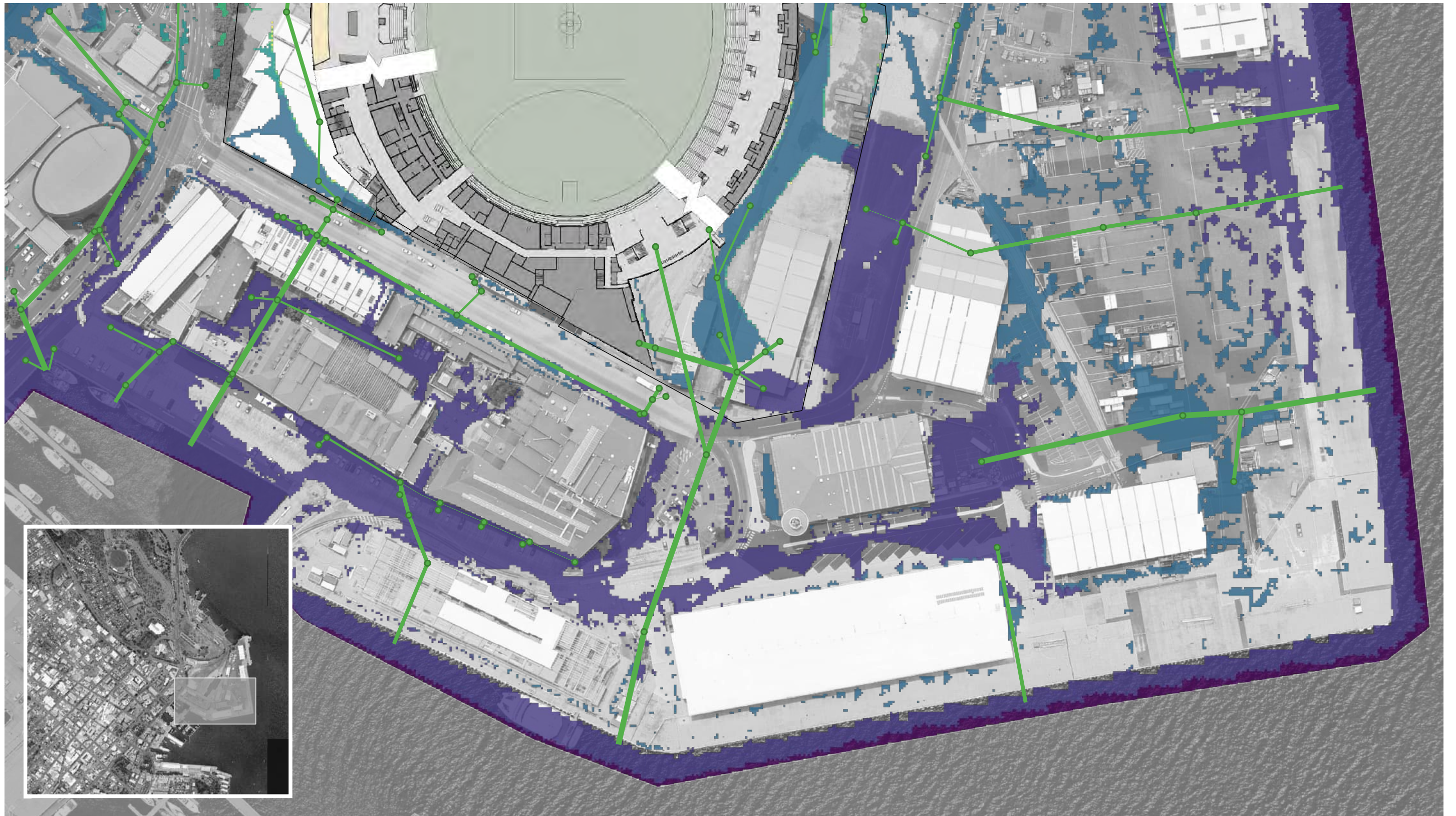


Figure 70.2: Peak Water Level - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

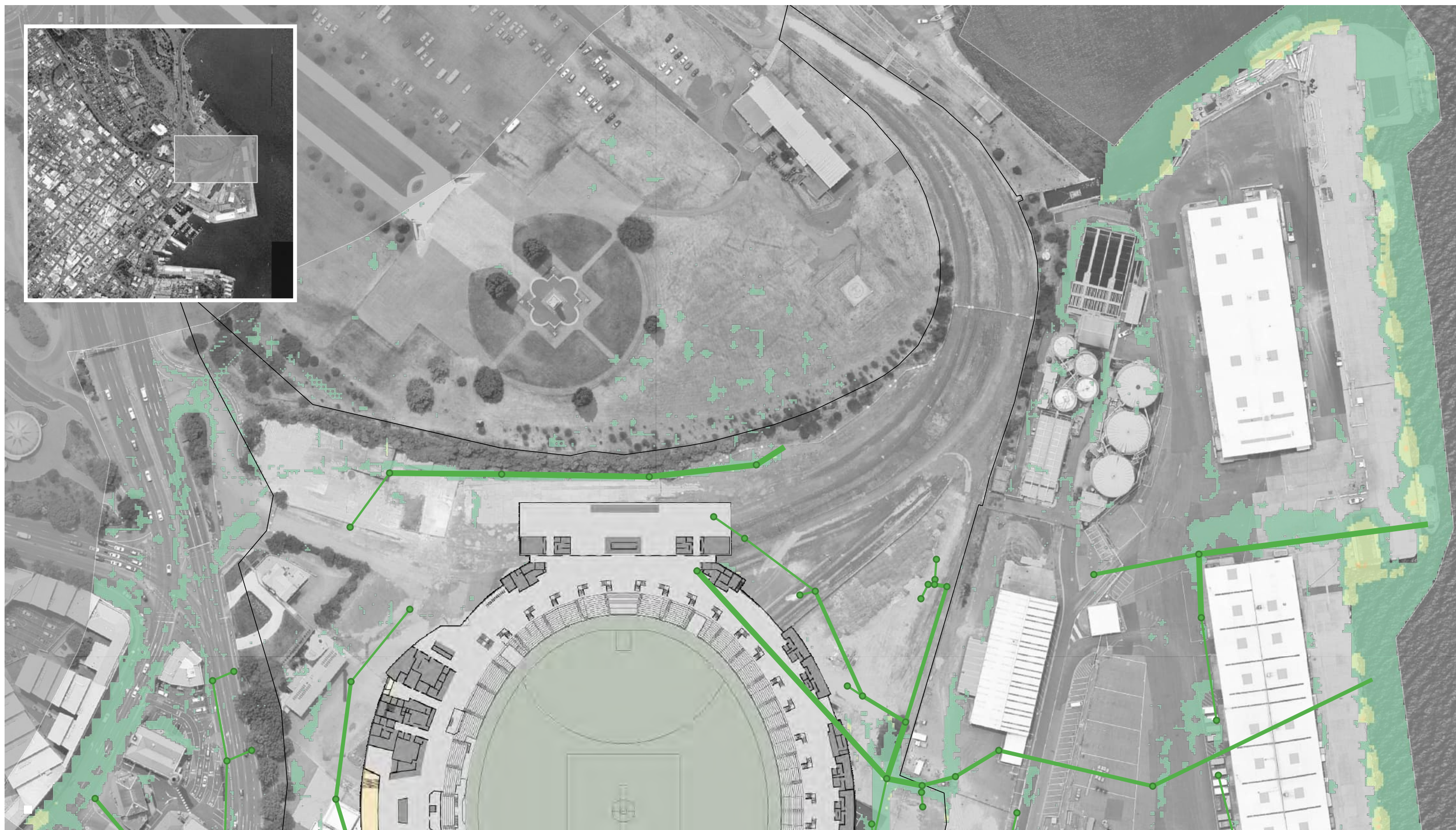


Figure 71.1: Peak Velocity - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 4 - 5

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 71.2: Peak Velocity - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Velocity (m/s)
— 0.25 - 1
— 1 - 2

— 2 - 3
— 3 - 4
— > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

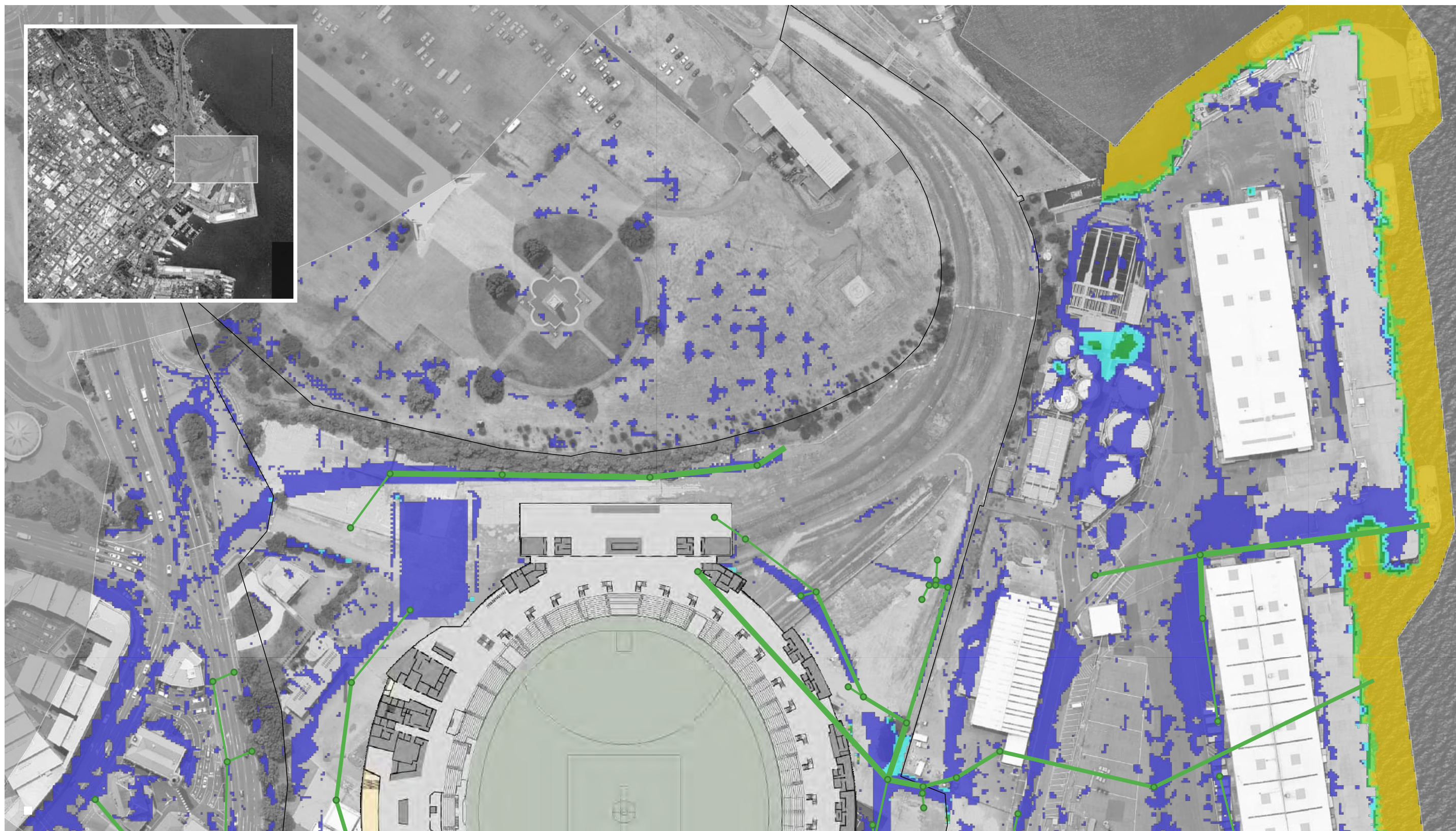


Figure 72.1: Peak Hazard - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

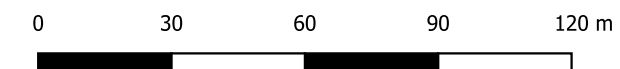
MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

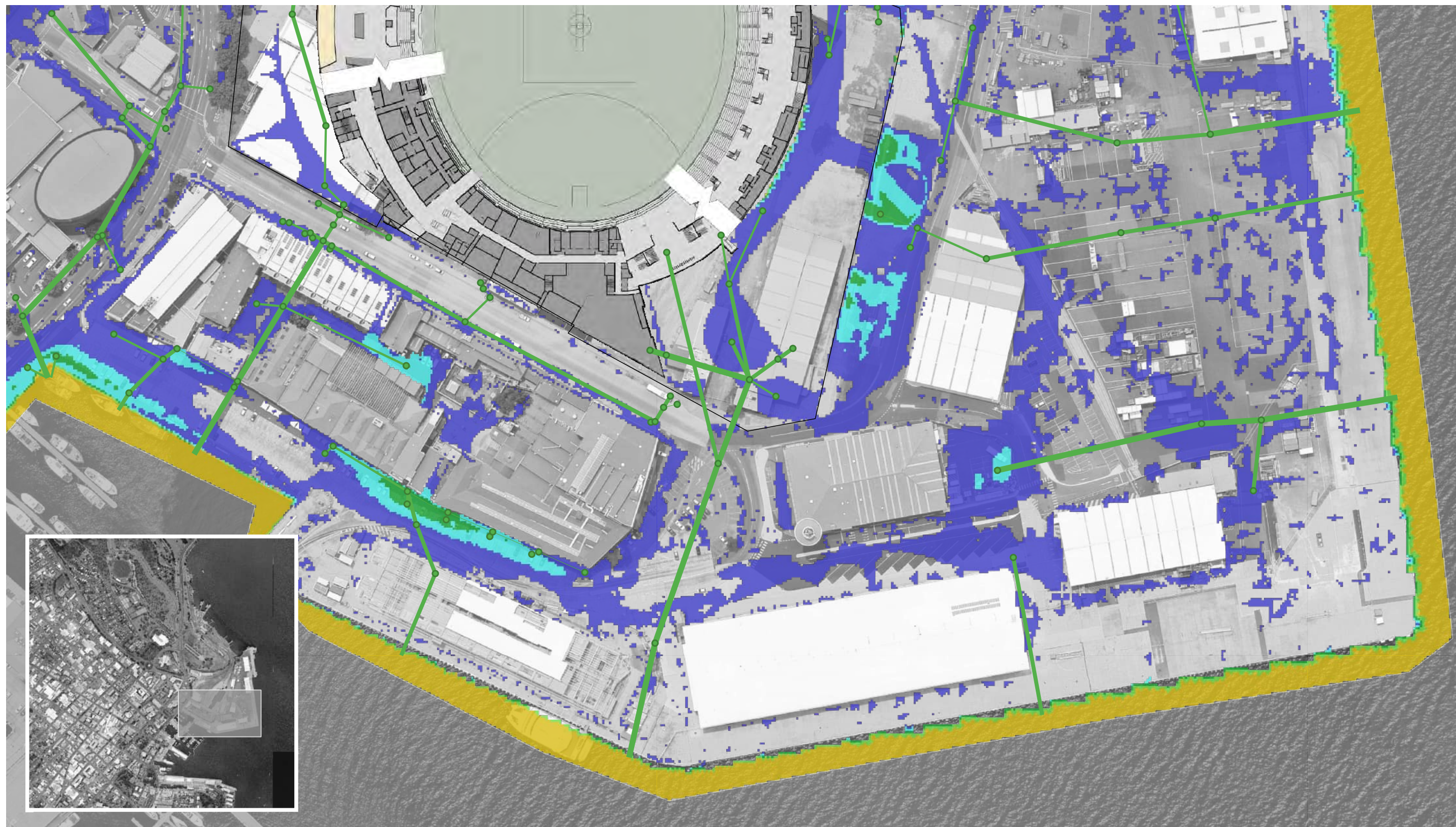


Figure 72.2: Peak Hazard - 1% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

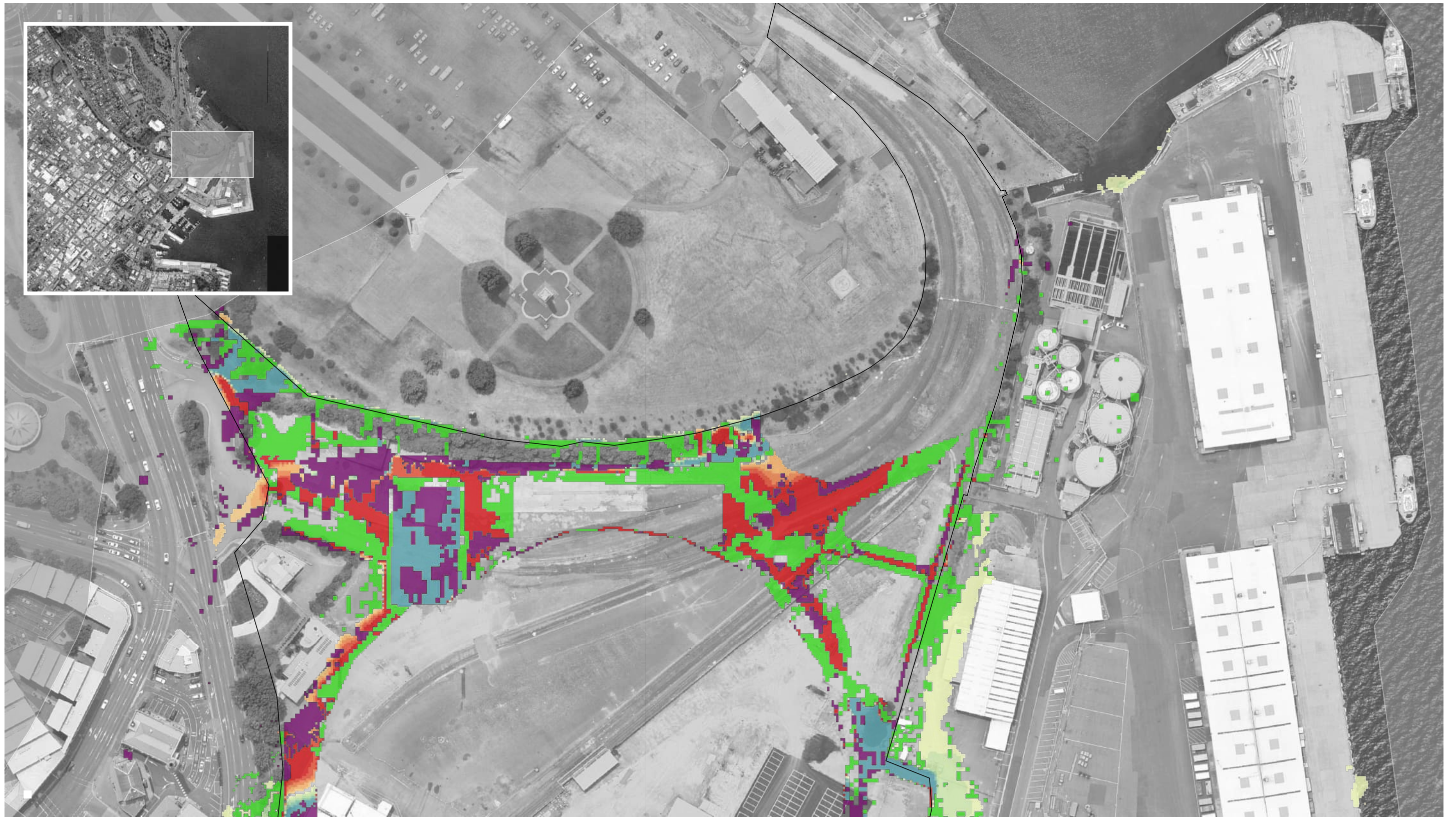


Figure 73.1: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

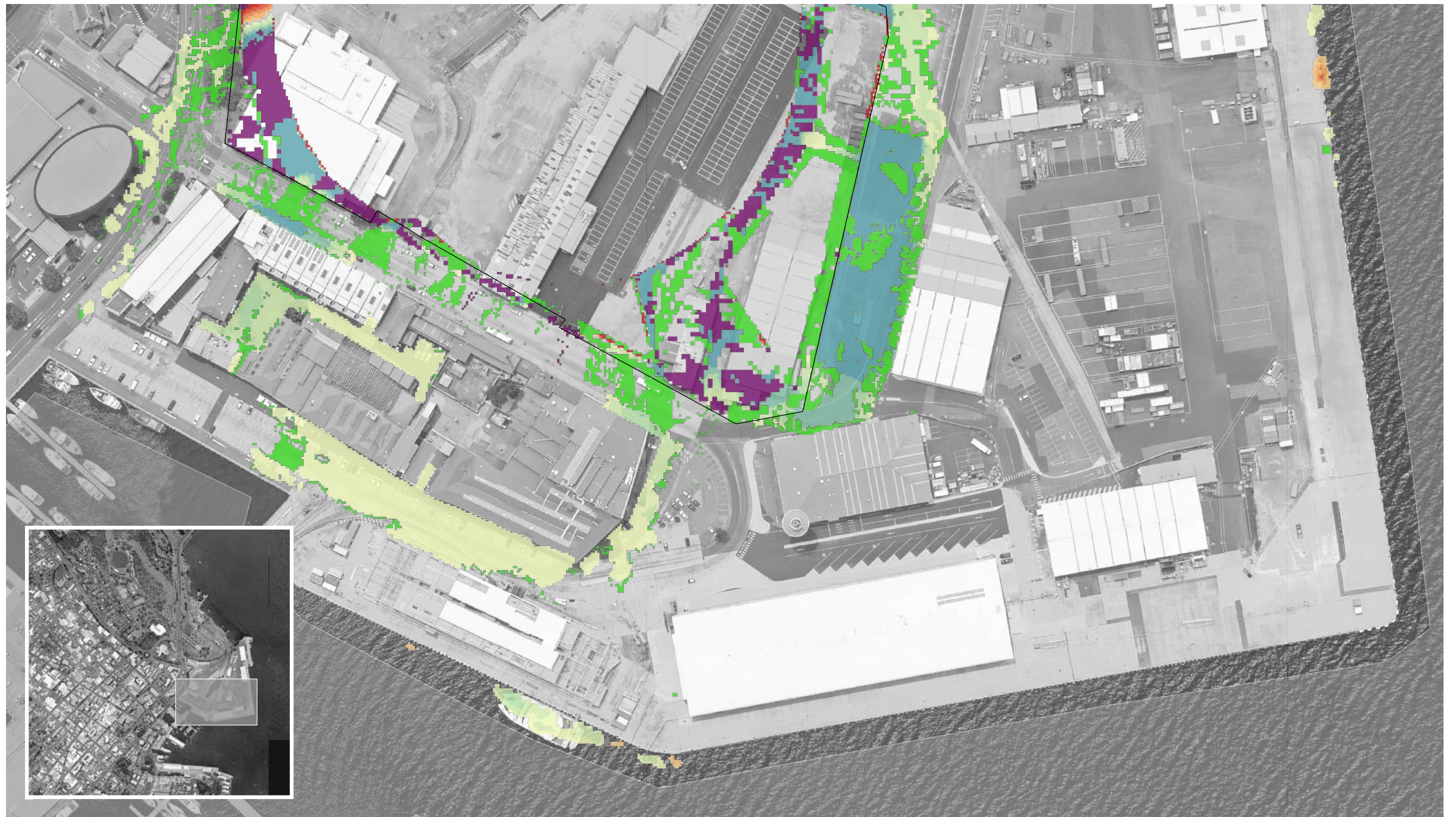


Figure 73.2: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 1

LEGEND  Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

 0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

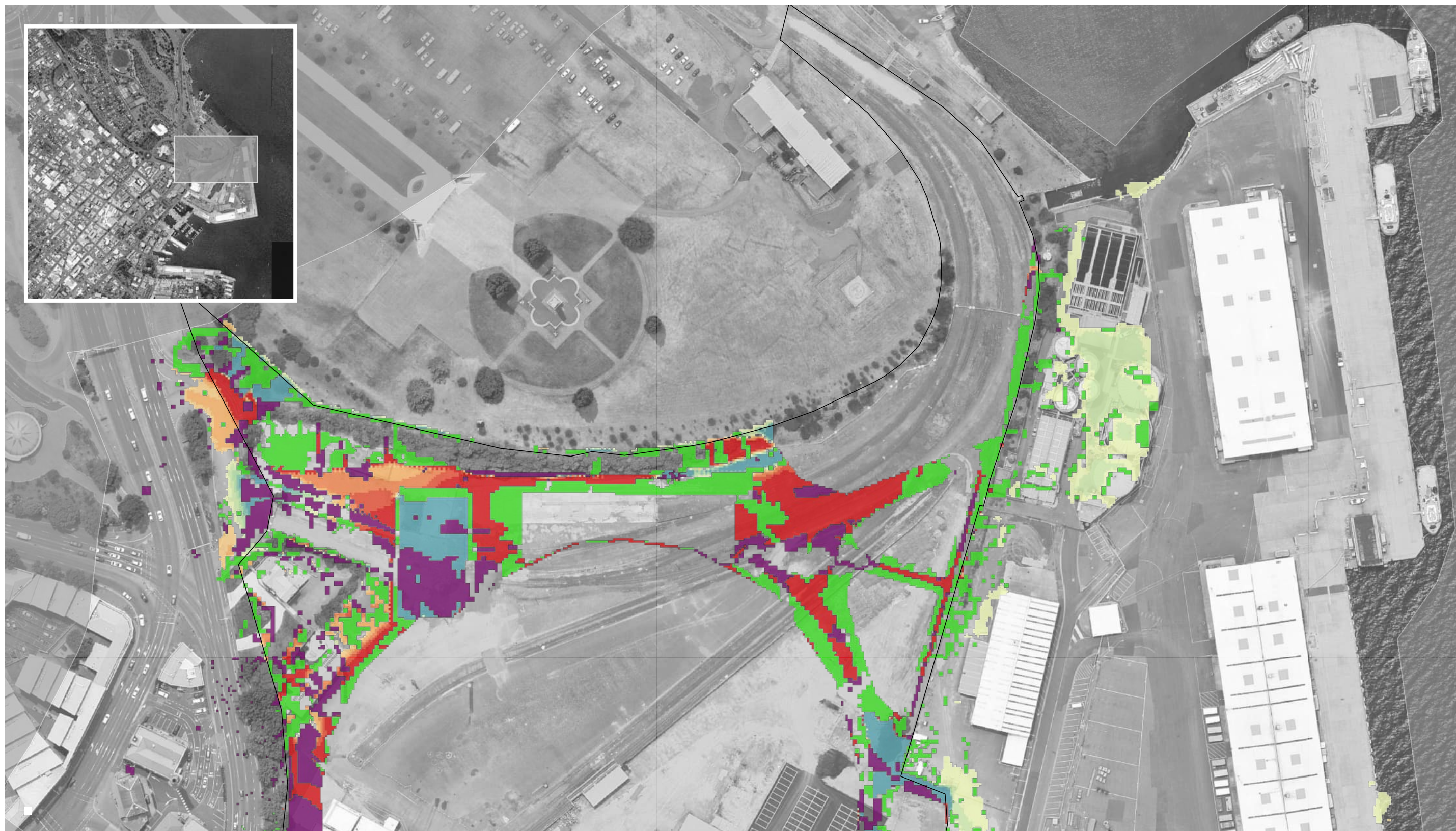


Figure 74.1: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 1

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 74.2: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

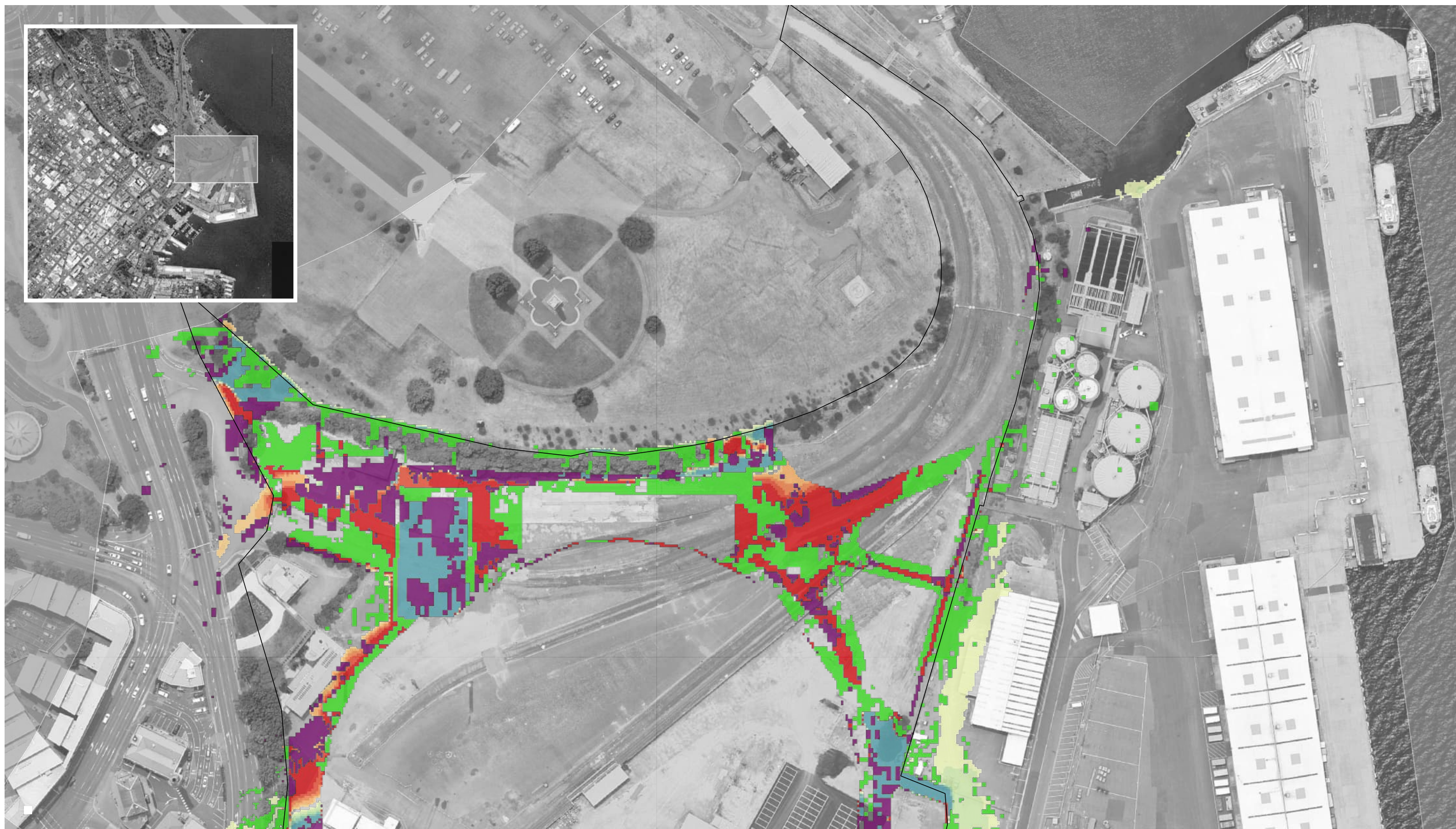


Figure 75.1: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

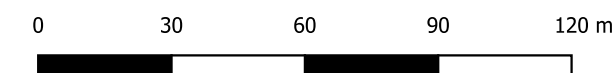
$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

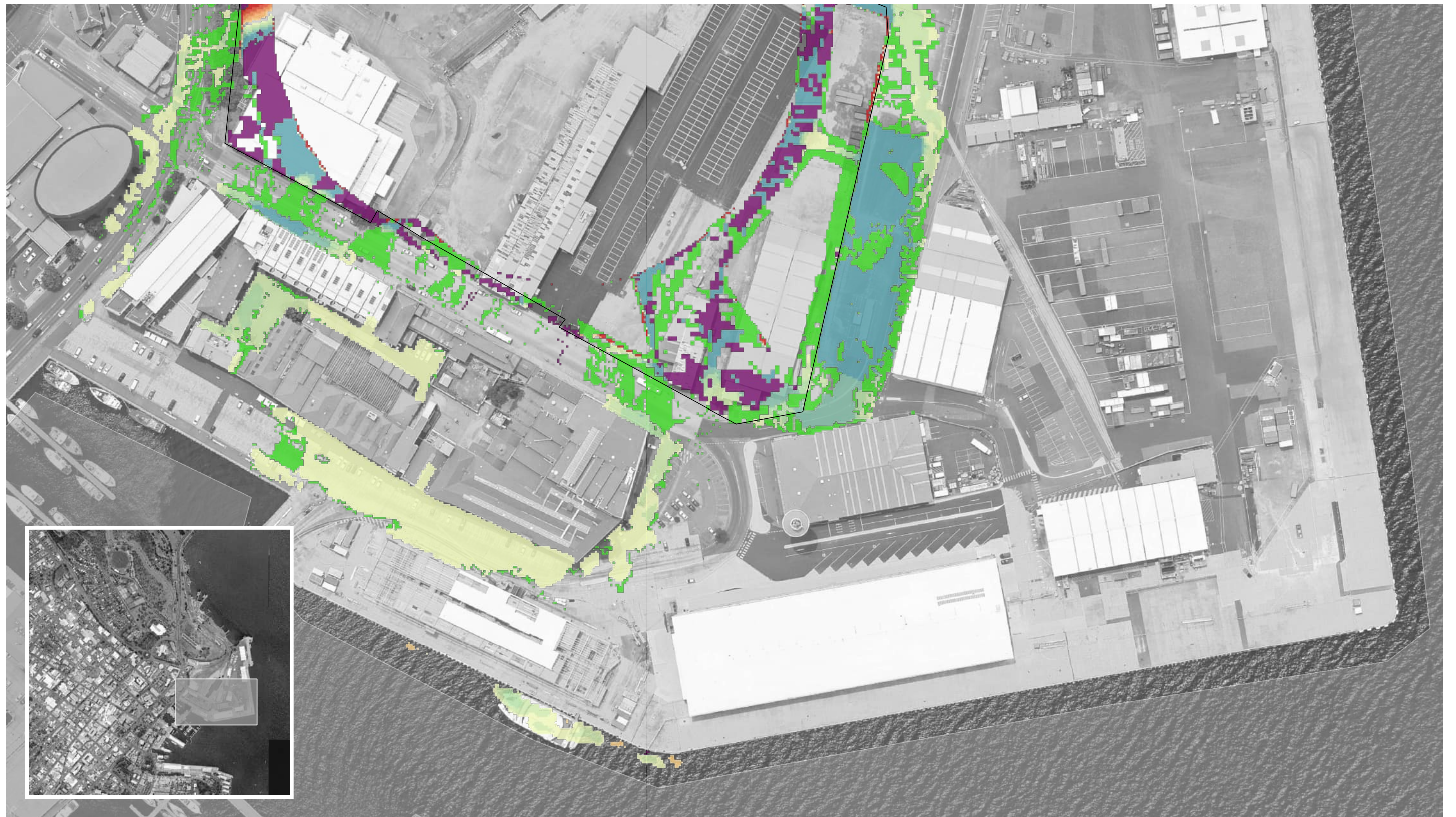


Figure 75.2: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

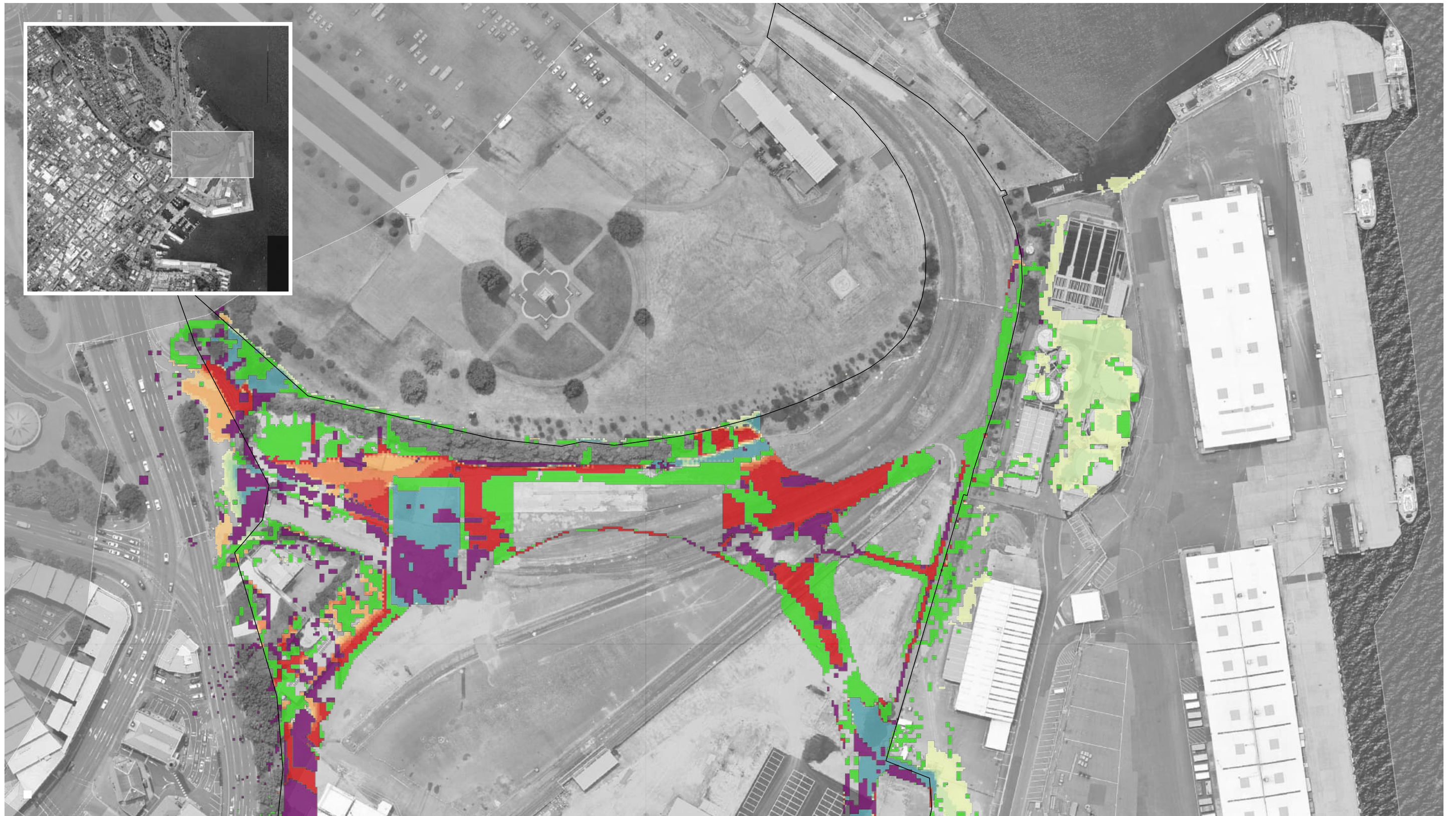


Figure 76.1: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 2

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 76.2: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 2

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

 0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

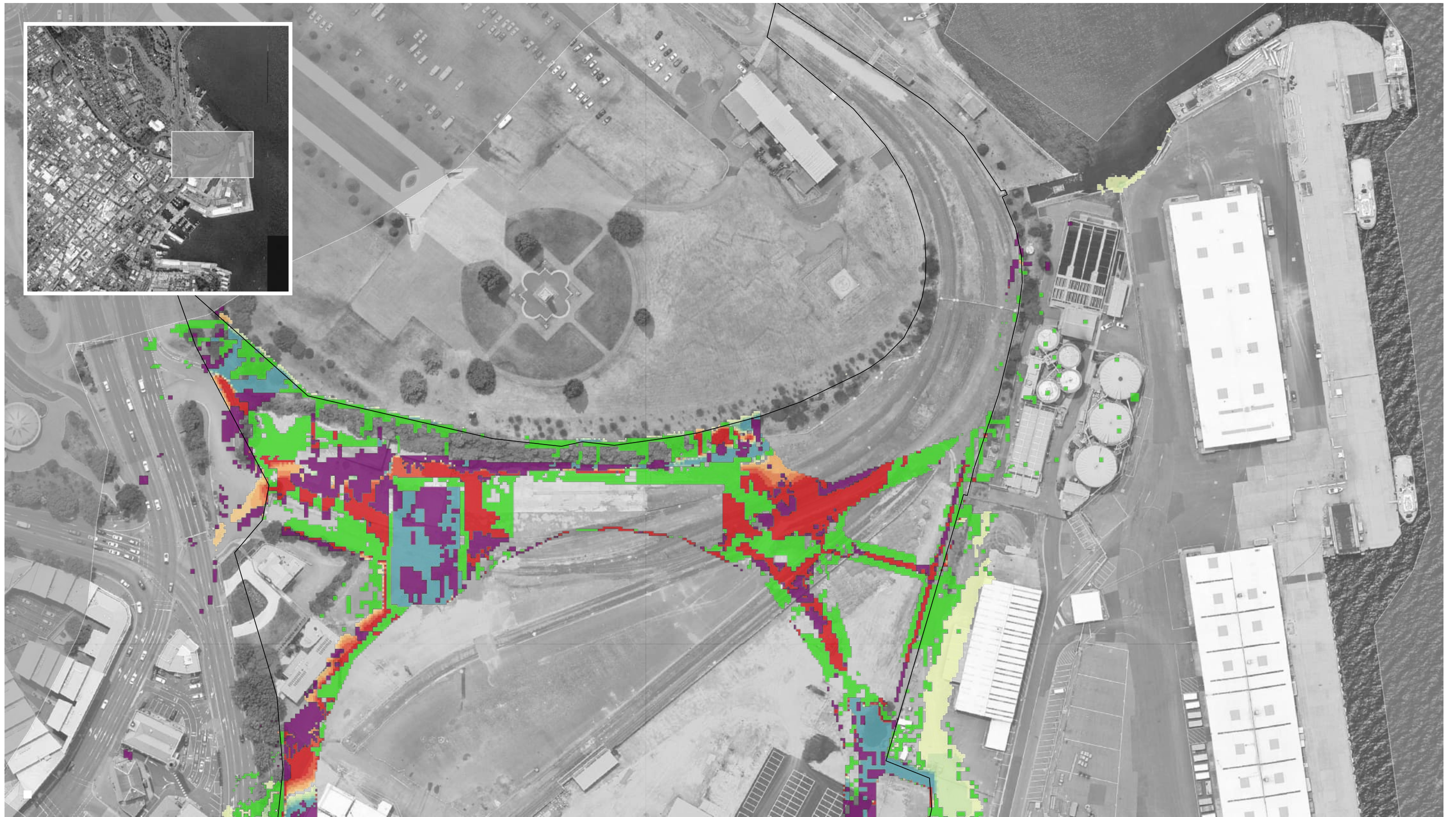


Figure 77.1: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 77.2: Water Level Afflux - 1% AEP 2100
Existing Condition 1 and Option 3

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

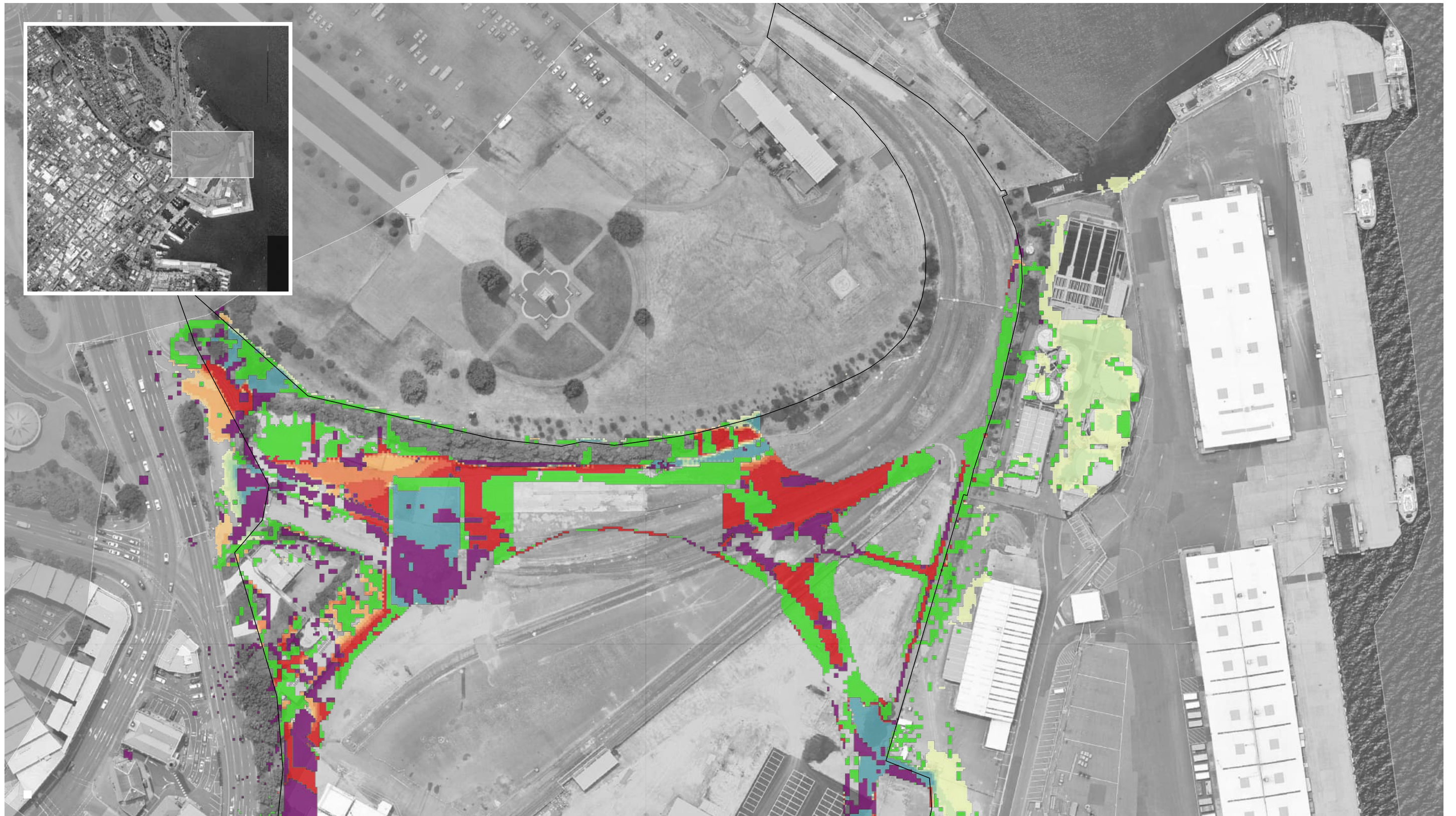


Figure 78.1: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 78.2: Water Level Afflux - 1% AEP 2100
Existing Condition 2 and Option 3

LEGEND  Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

 0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

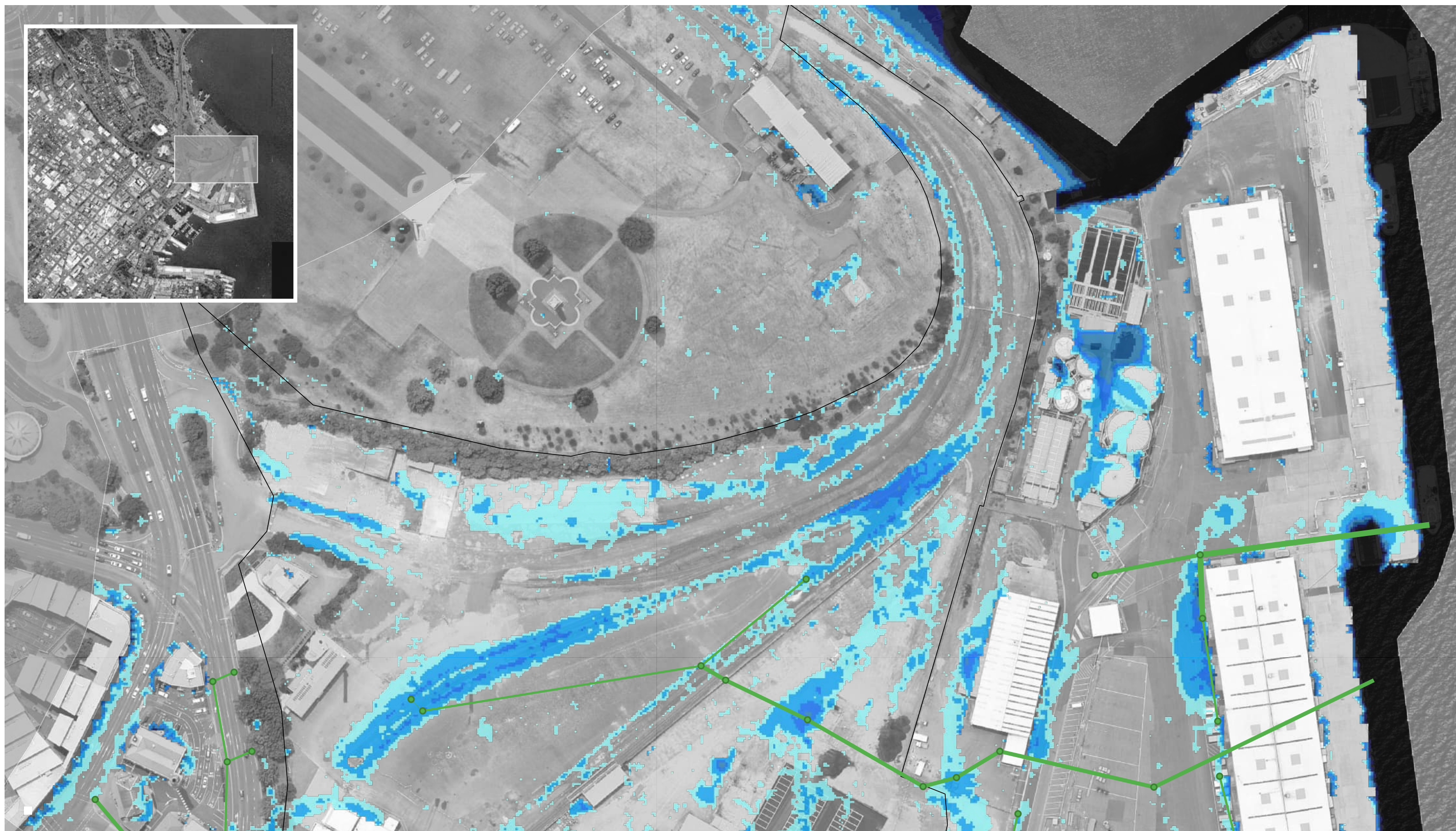


Figure 79.1: Peak Depth - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

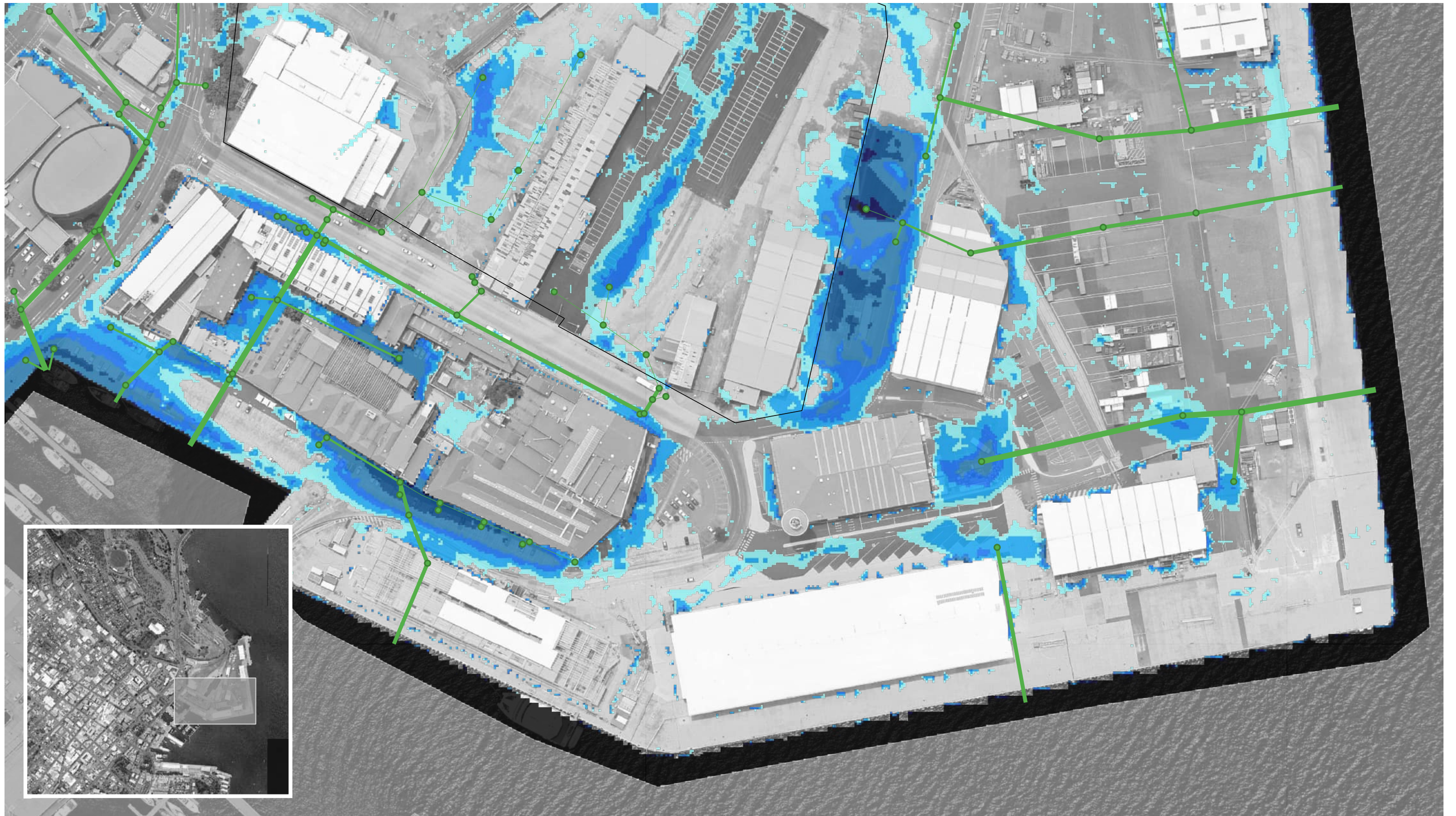


Figure 79.2: Peak Depth - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Depth (m)
0.05 - 0.10
0.10 - 0.20
0.20 - 0.30
0.30 - 0.50

0.50 - 0.75
0.75 - 1.00
> 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

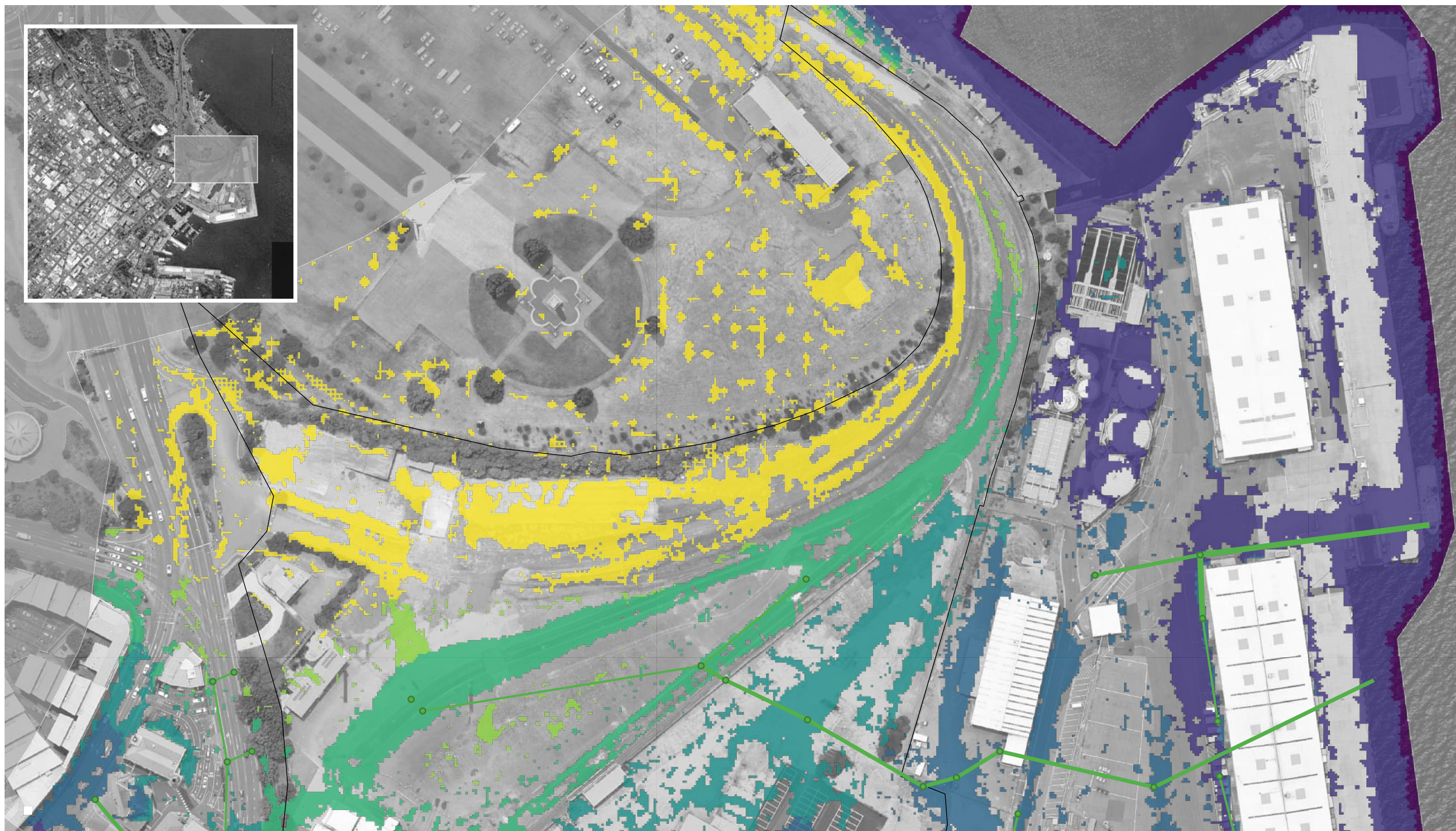


Figure 80.1: Peak Water Level - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

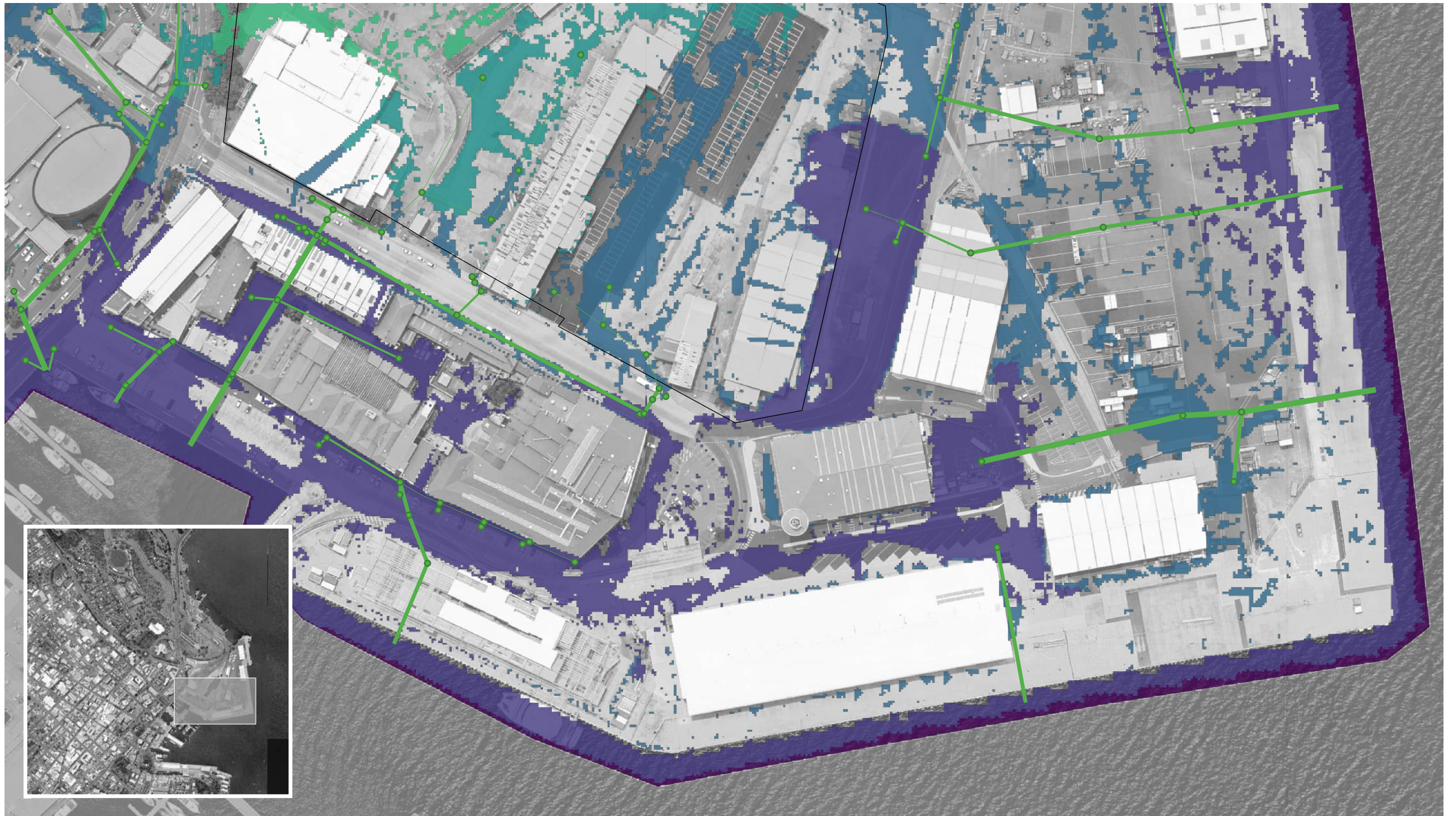


Figure 80.2: Peak Water Level - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

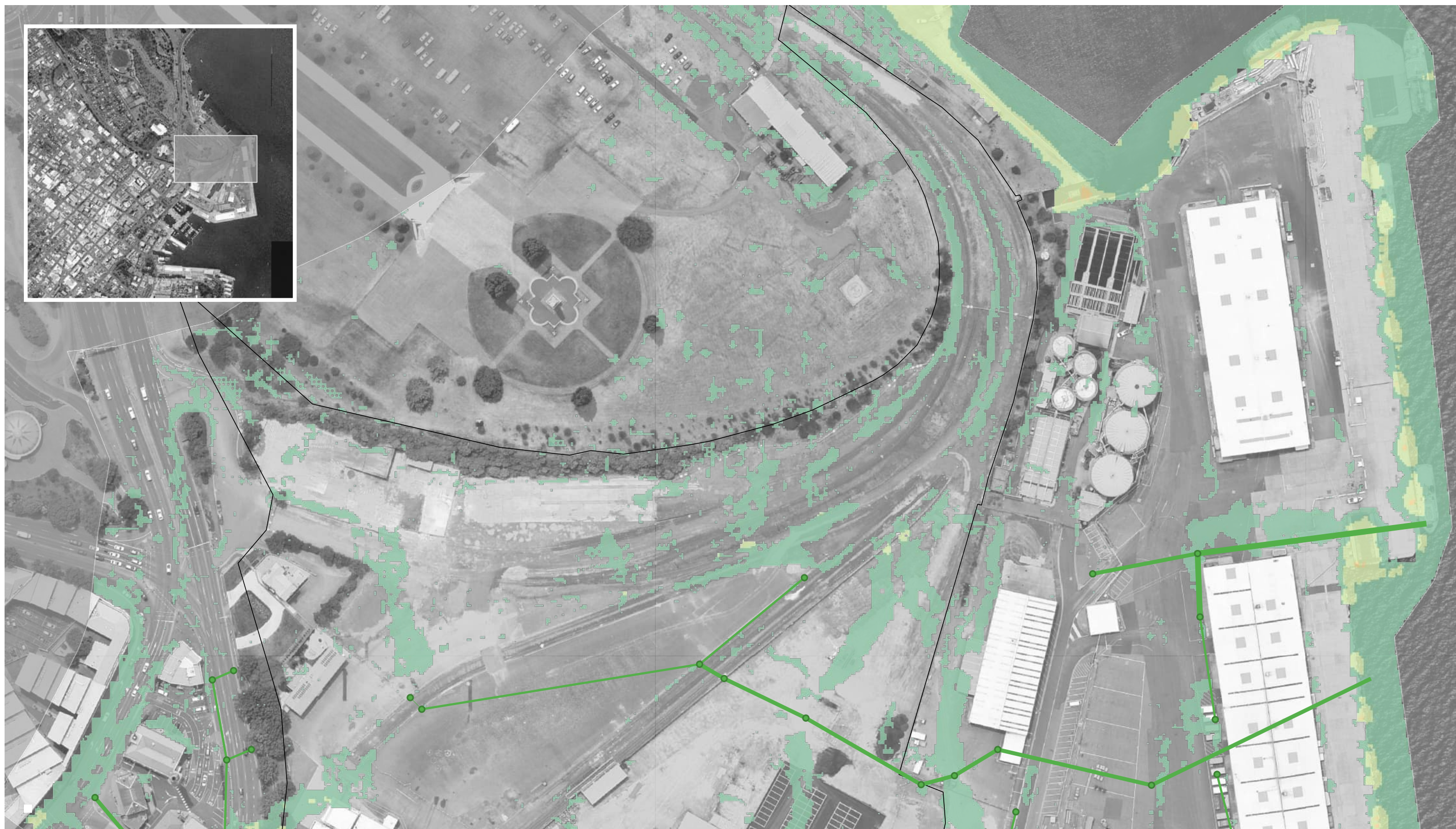


Figure 81.1: Peak Velocity - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 81.2: Peak Velocity - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

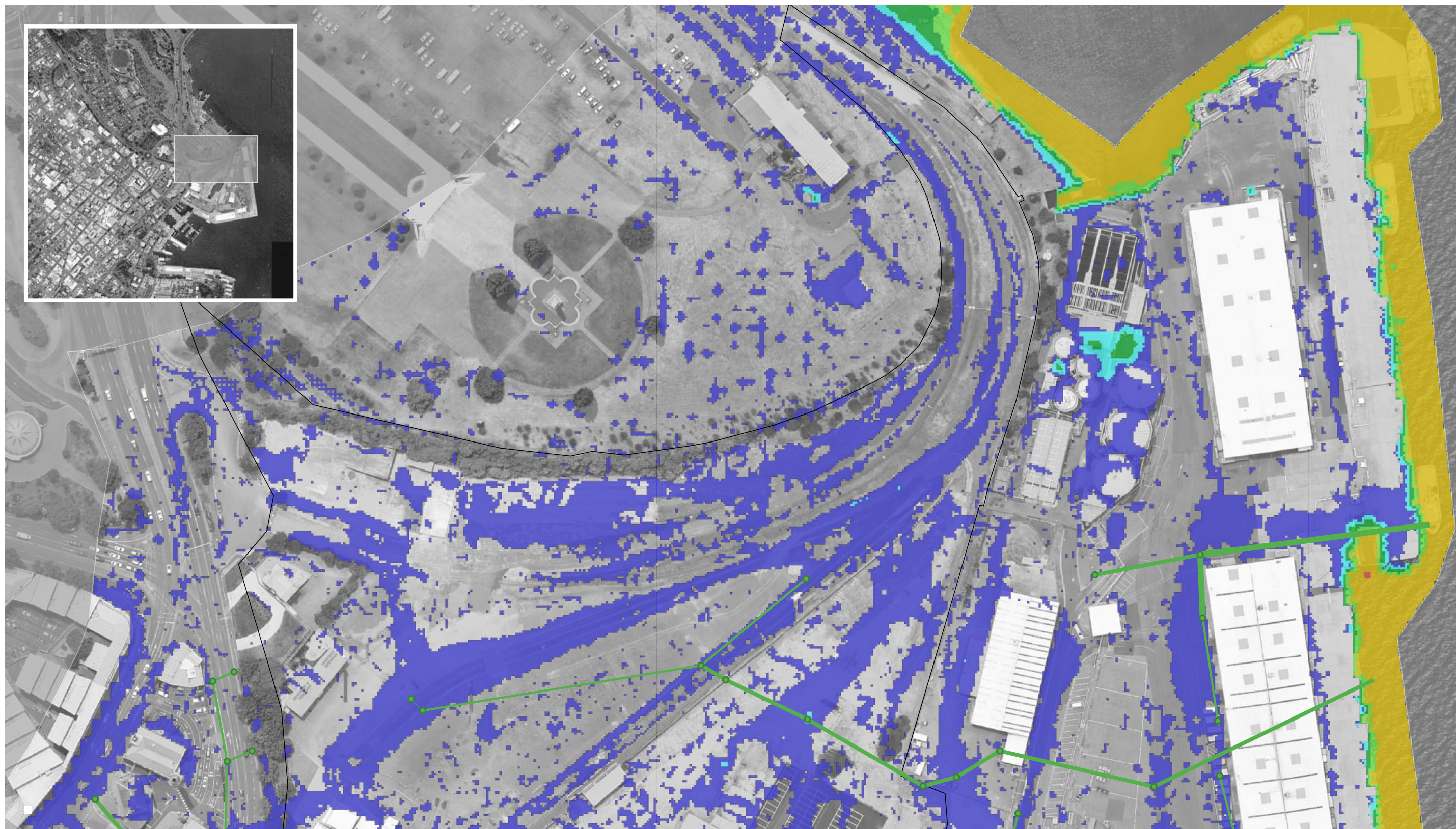


Figure 82.1: Peak Hazard - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

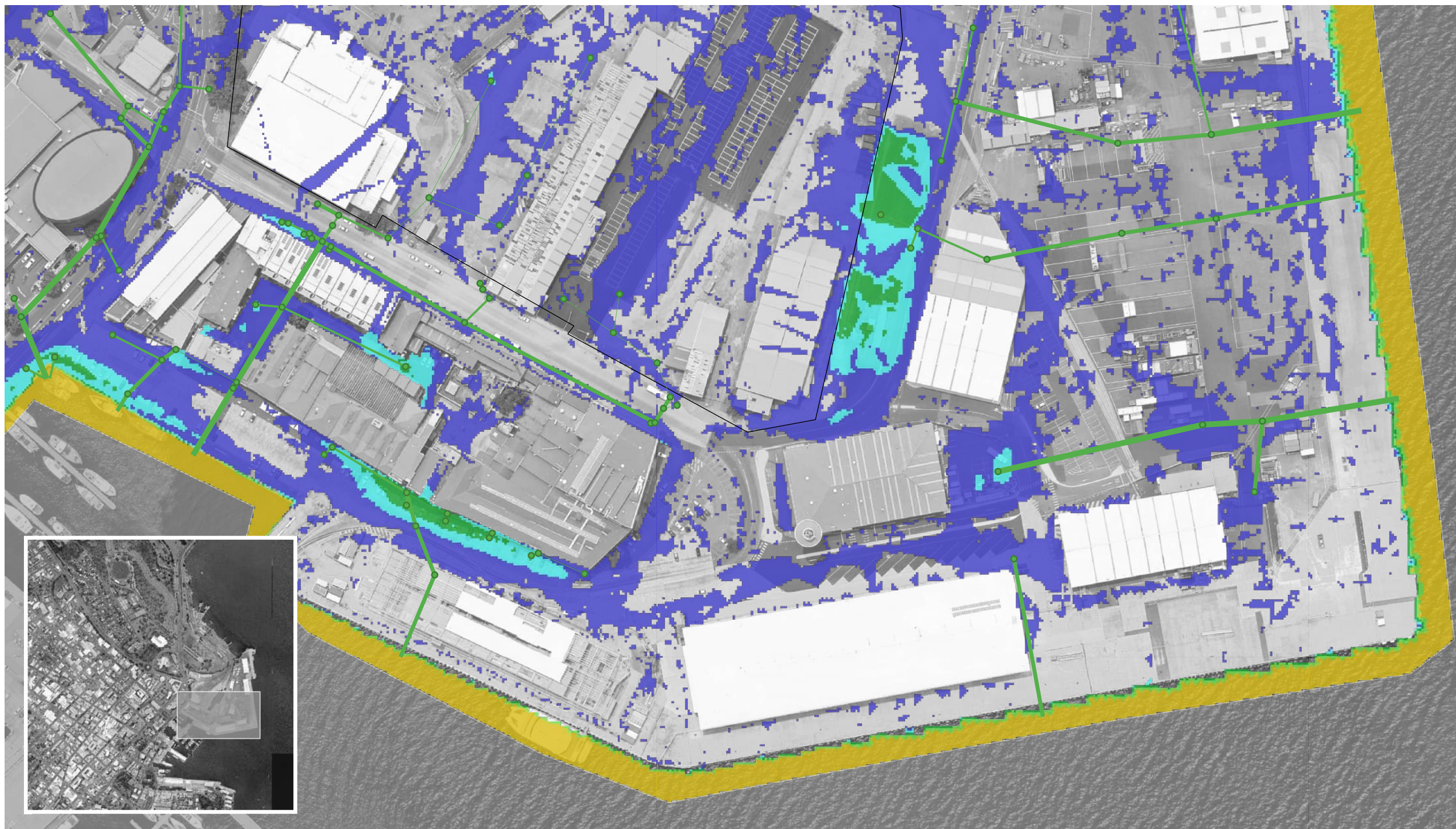


Figure 82.2: Peak Hazard - 10% AEP 2100
Existing Condition 1: Pre-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

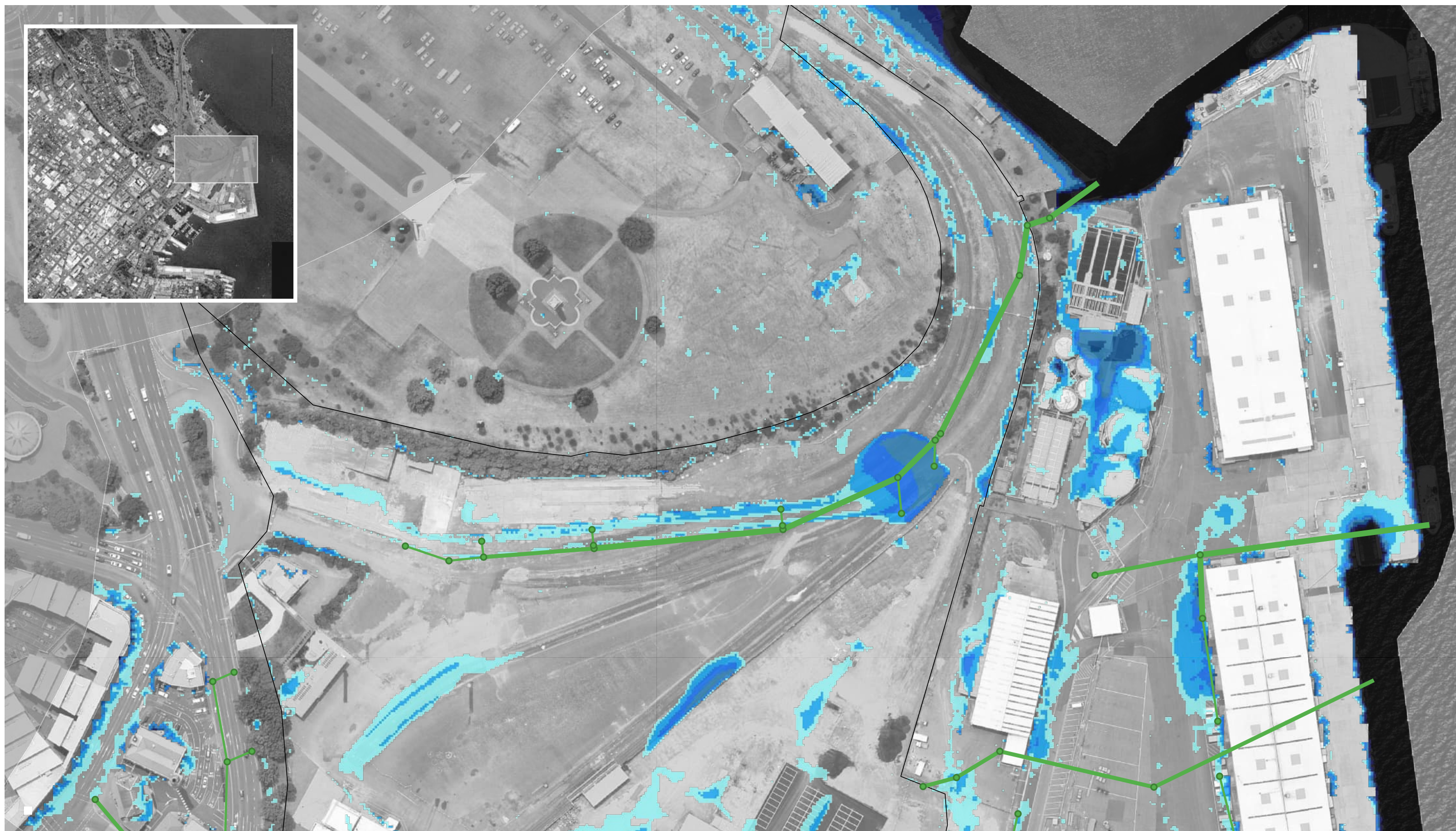


Figure 83.1: Peak Depth - 10% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

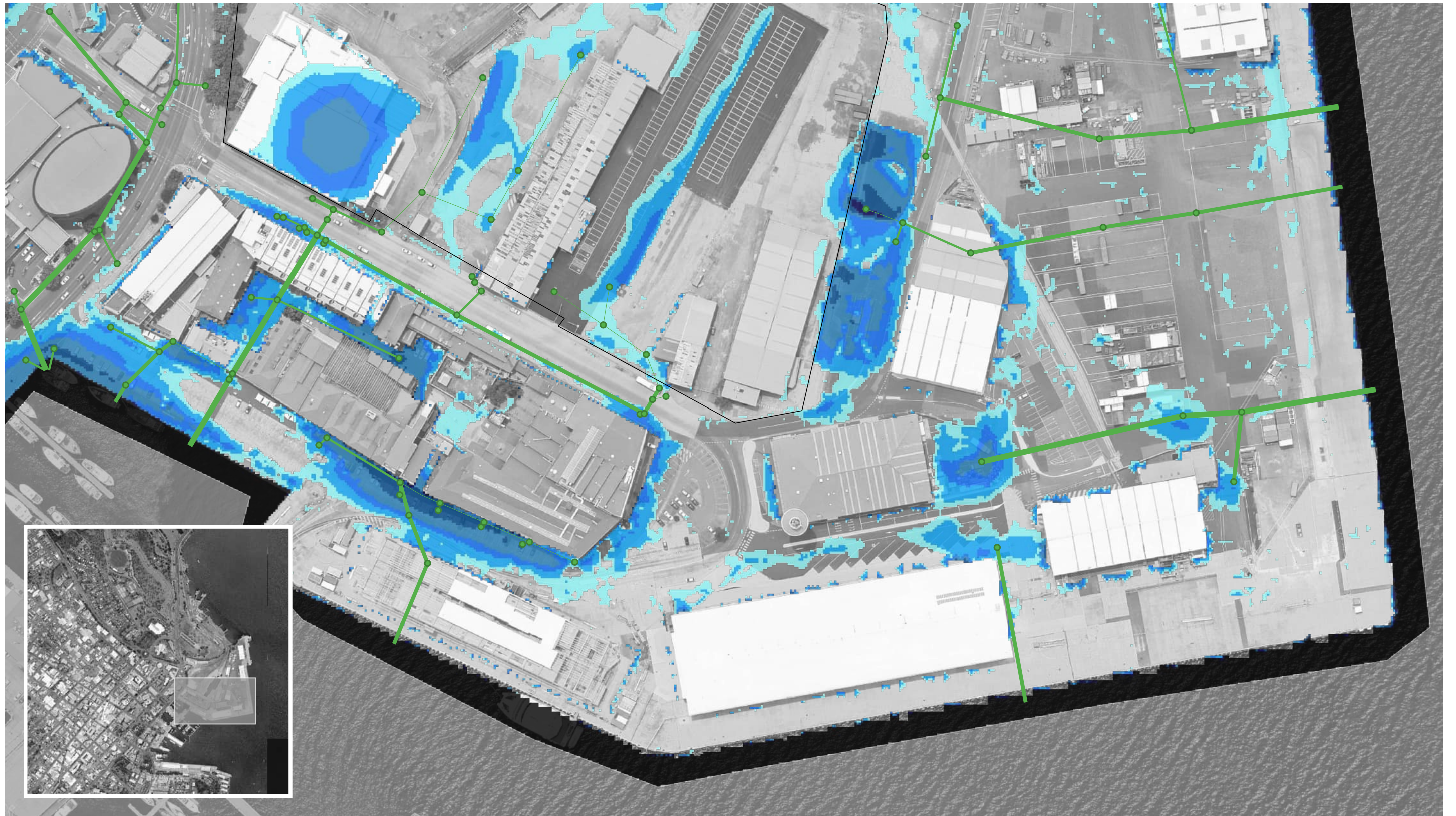


Figure 83.2: Peak Depth - 10% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

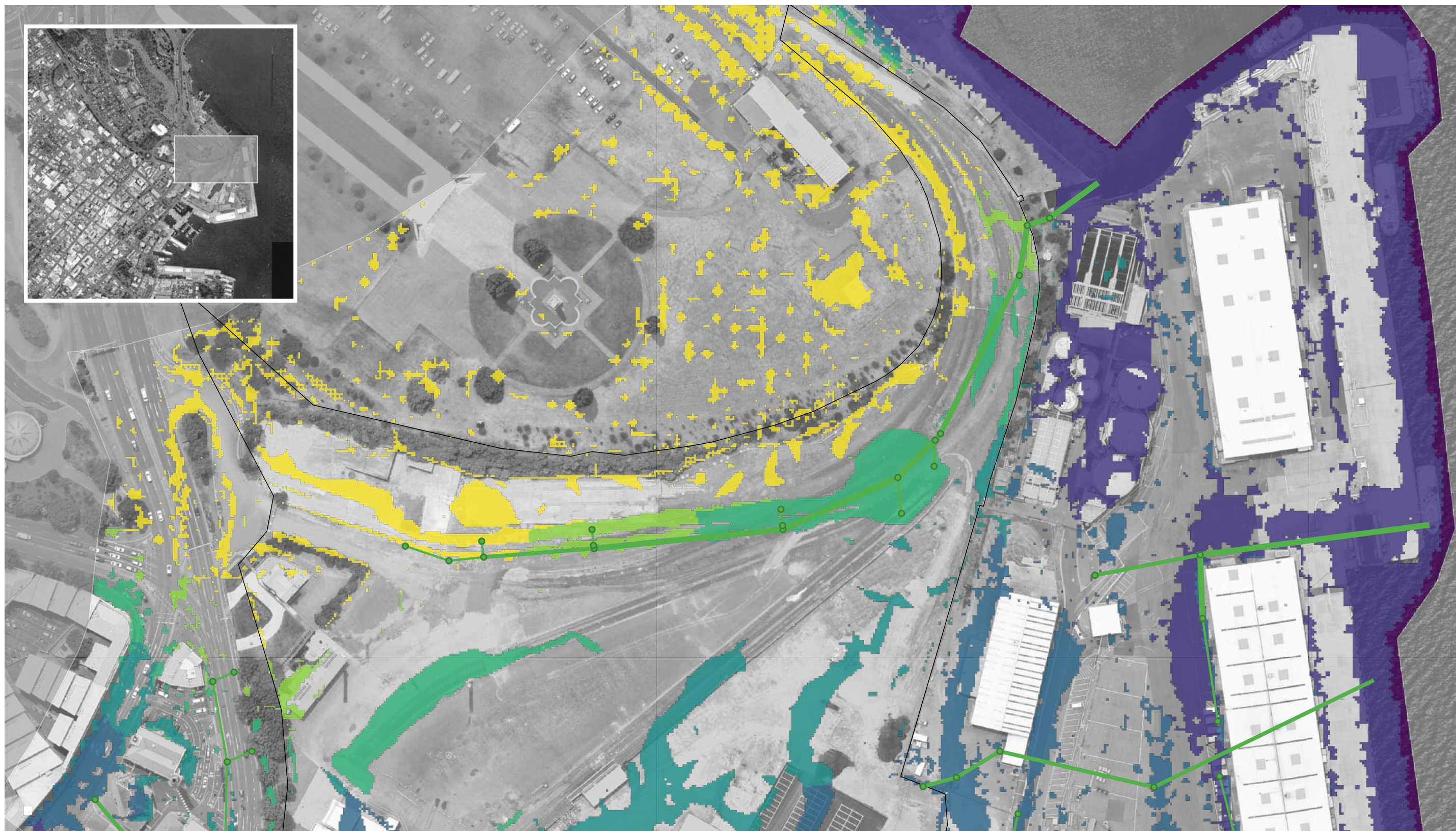


Figure 84.1: Peak Water Level - 10% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

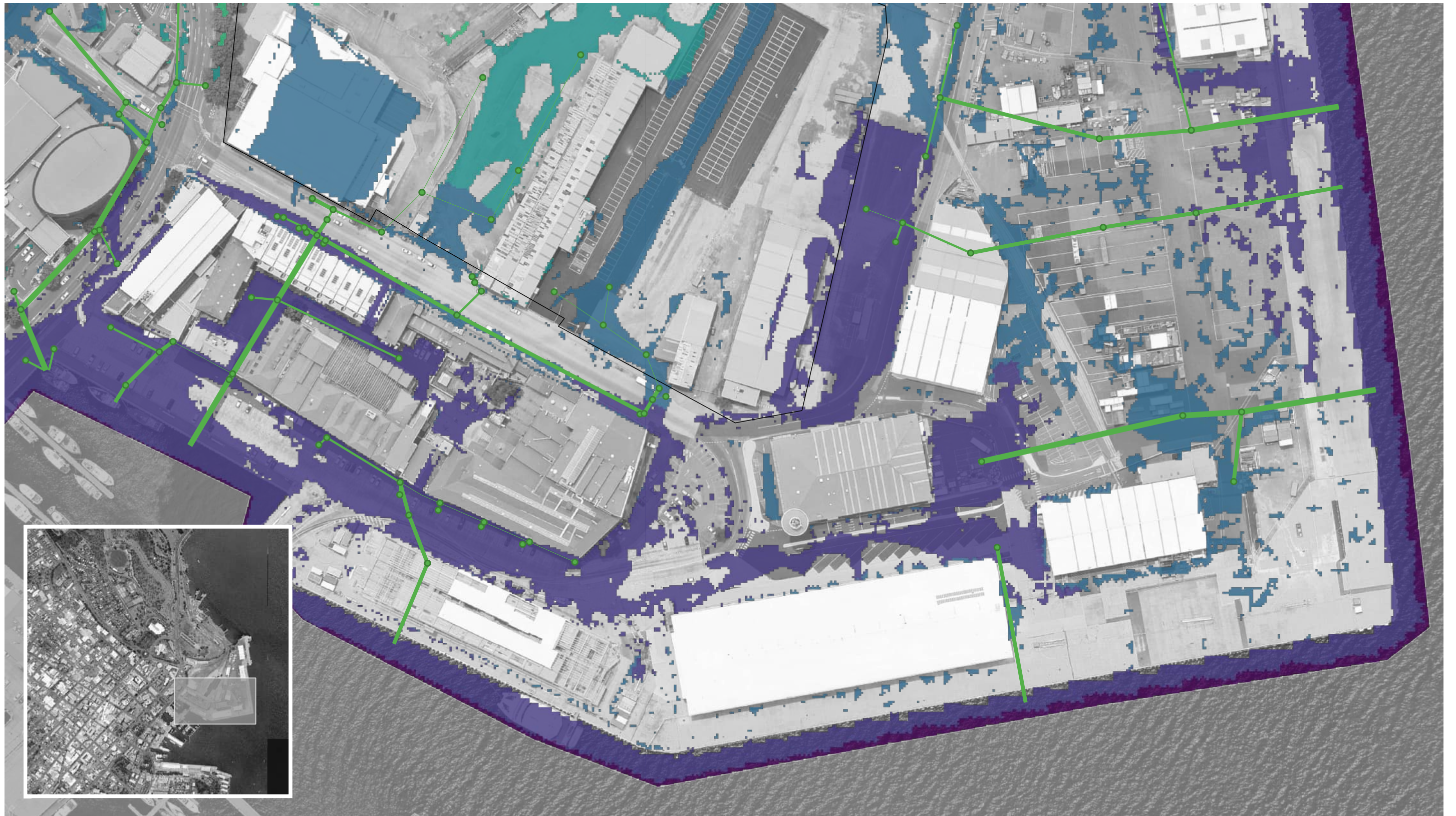


Figure 84.2: Peak Water Level - 10% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

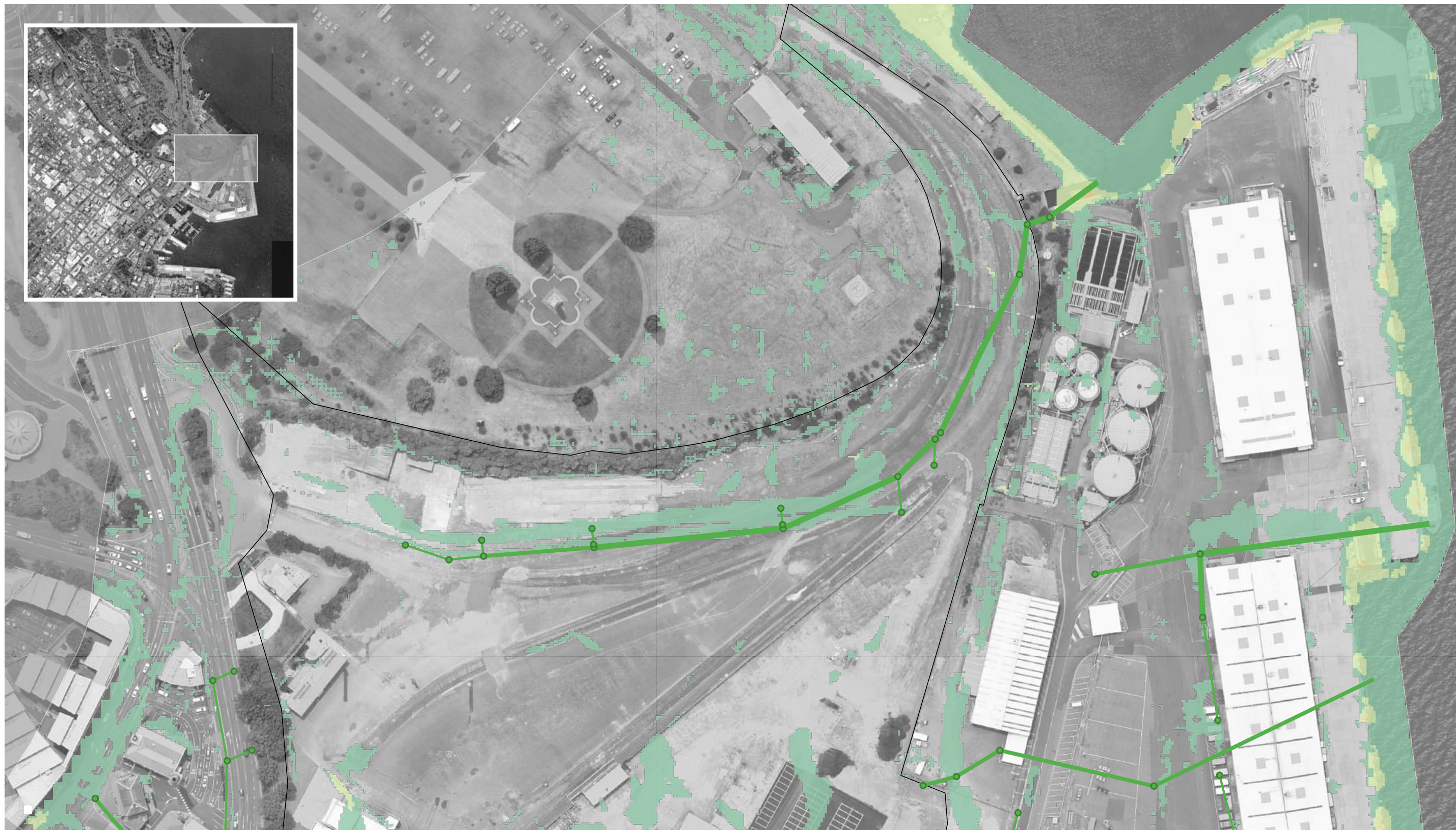


Figure 85.1: Peak Velocity - 10% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 85.2: Peak Velocity - 10% AEP 2100
Existing Condition 2: Post-2020 access road
construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

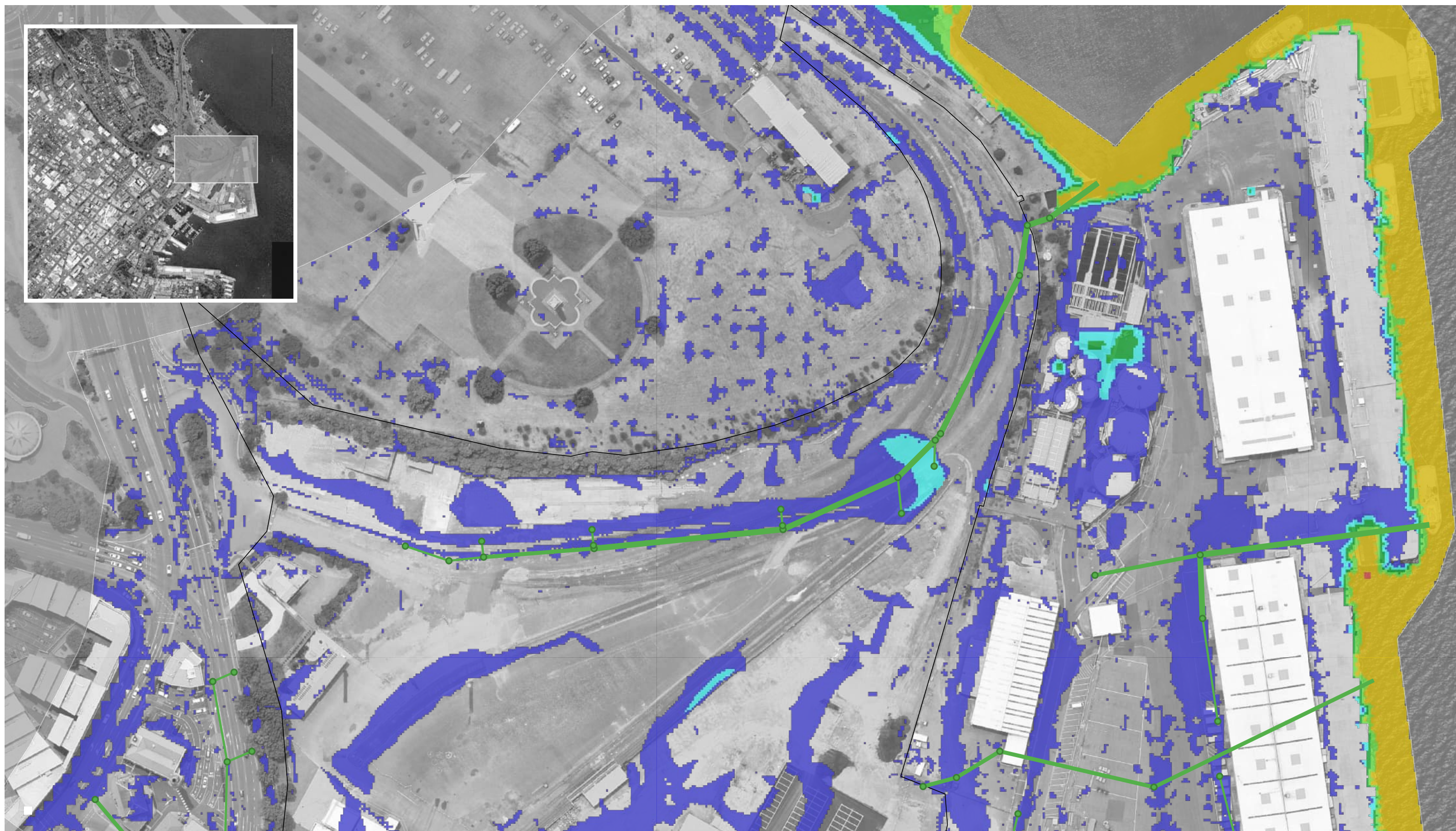


Figure 86.1: Peak Hazard - 10% AEP 2100
Existing Condition 2: Post-2020 access road construction.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

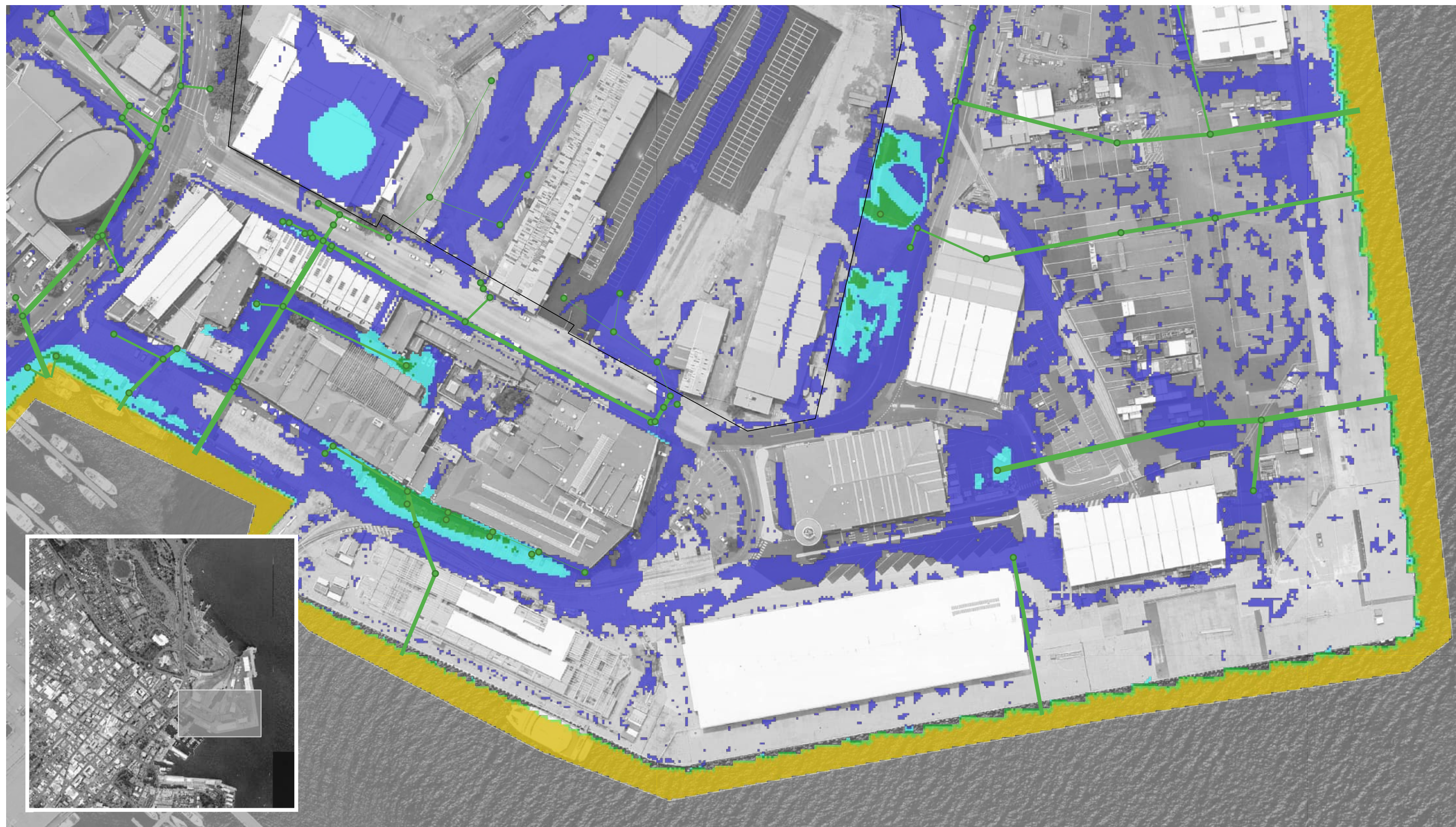


Figure 86.2: Peak Hazard - 10% AEP 2100
Existing Condition 2: Post-2020 access road construction.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

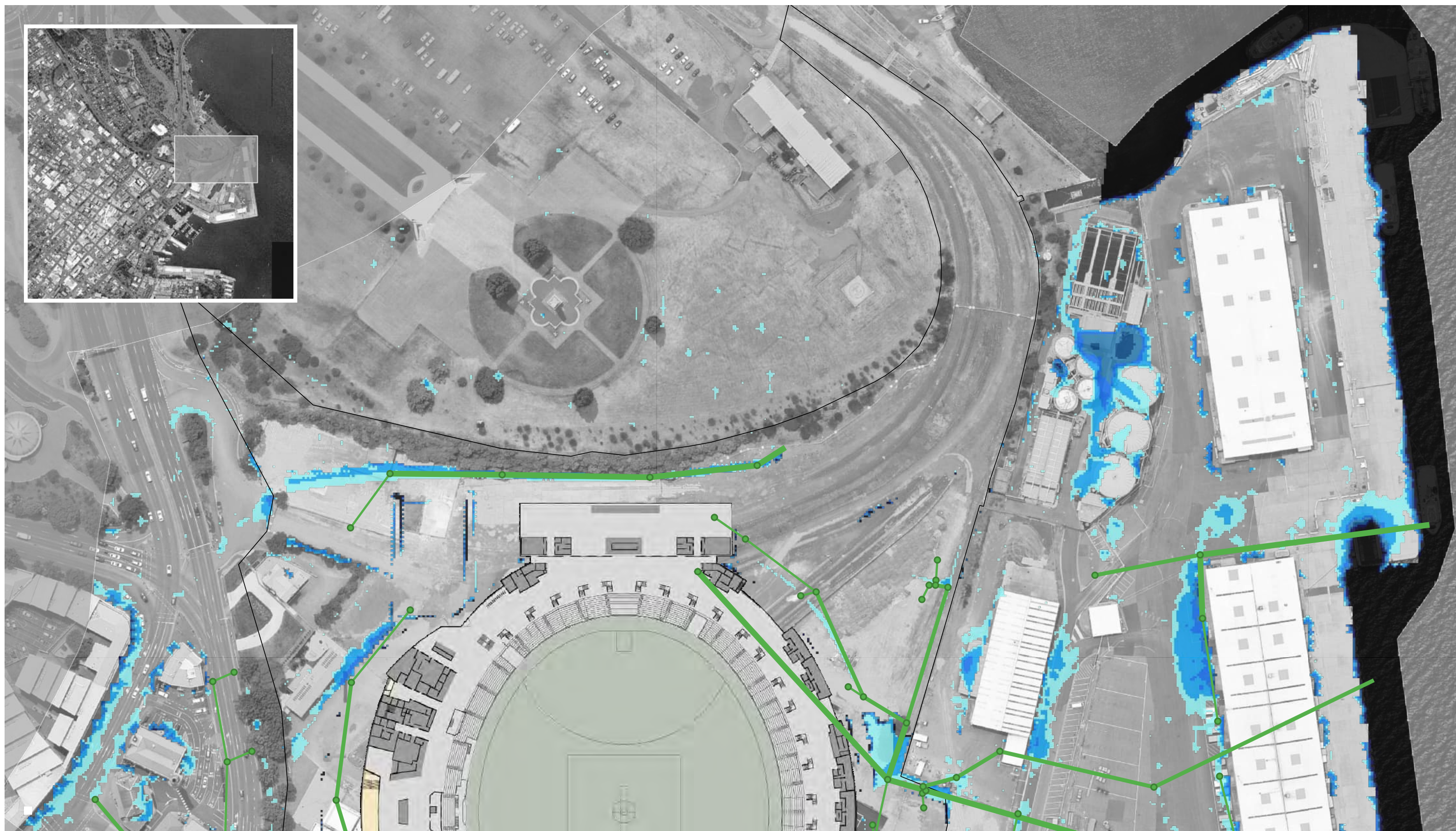


Figure 87.1: Peak Depth - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Depth (m)
0.05 - 0.10
0.10 - 0.20
0.20 - 0.30
0.30 - 0.50

0.50 - 0.75
0.75 - 1.00
> 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 87.2: Peak Depth - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary		Drainage Network Pit	Pipe Diameter (m) 0.1 - 0.225 0.225 - 0.3 0.3 - 0.45 0.45 - 3	Peak Depth (m) 0.05 - 0.10 0.10 - 0.20 0.20 - 0.30 0.30 - 0.50	0.50 - 0.75 0.75 - 1.00 > 1.00
MAP REF: P.24.0237 AUTHOR: Emma Lofthouse REVISION: B DATE: 28/05/2025	DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season		0 30 60 90 120 m		
			COORDINATE SYSTEM: GDA2020 / MGA zone 55 SCALE @ A3: 1:1700		

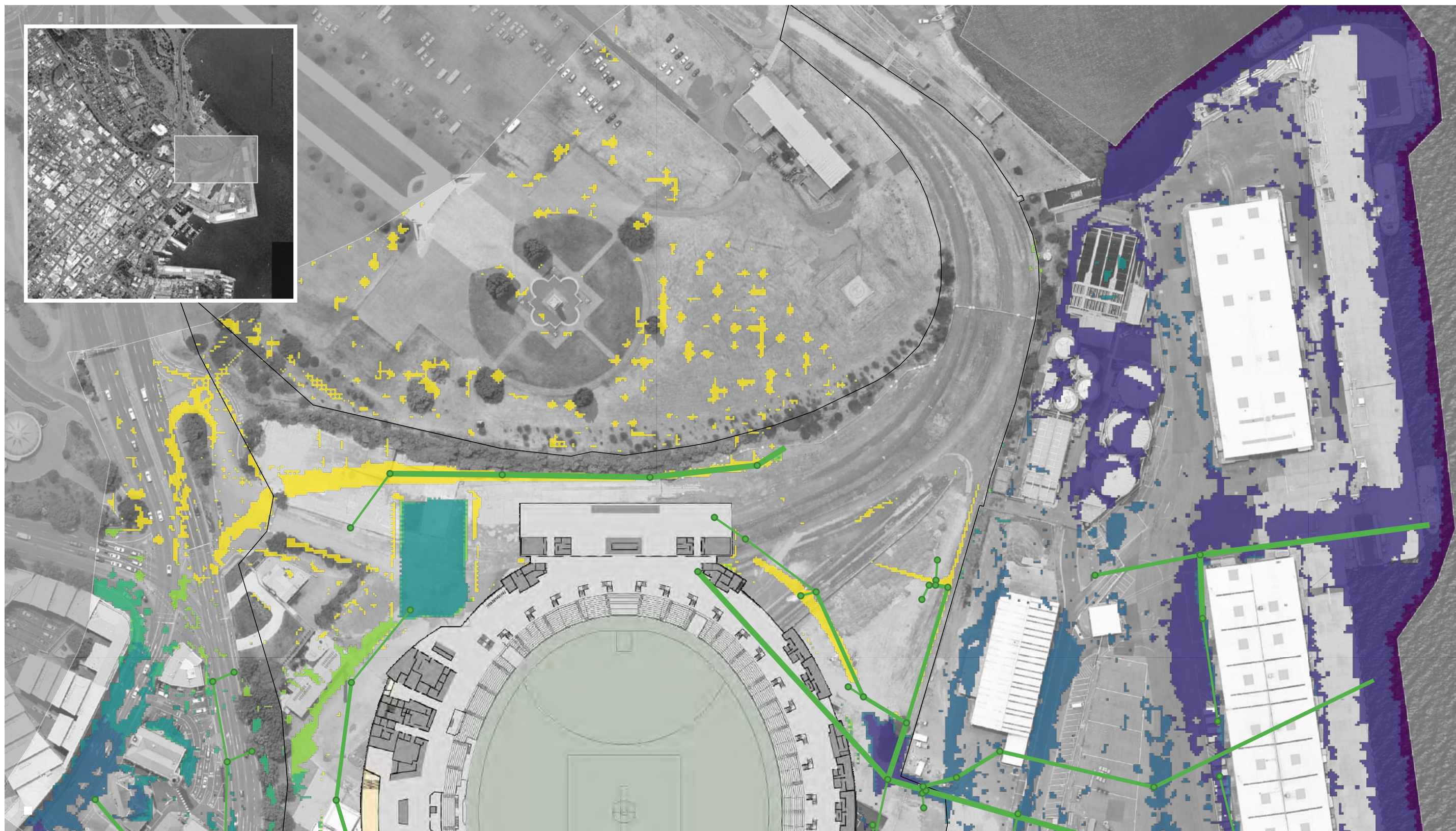


Figure 88.1: Peak Water Level - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

 5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

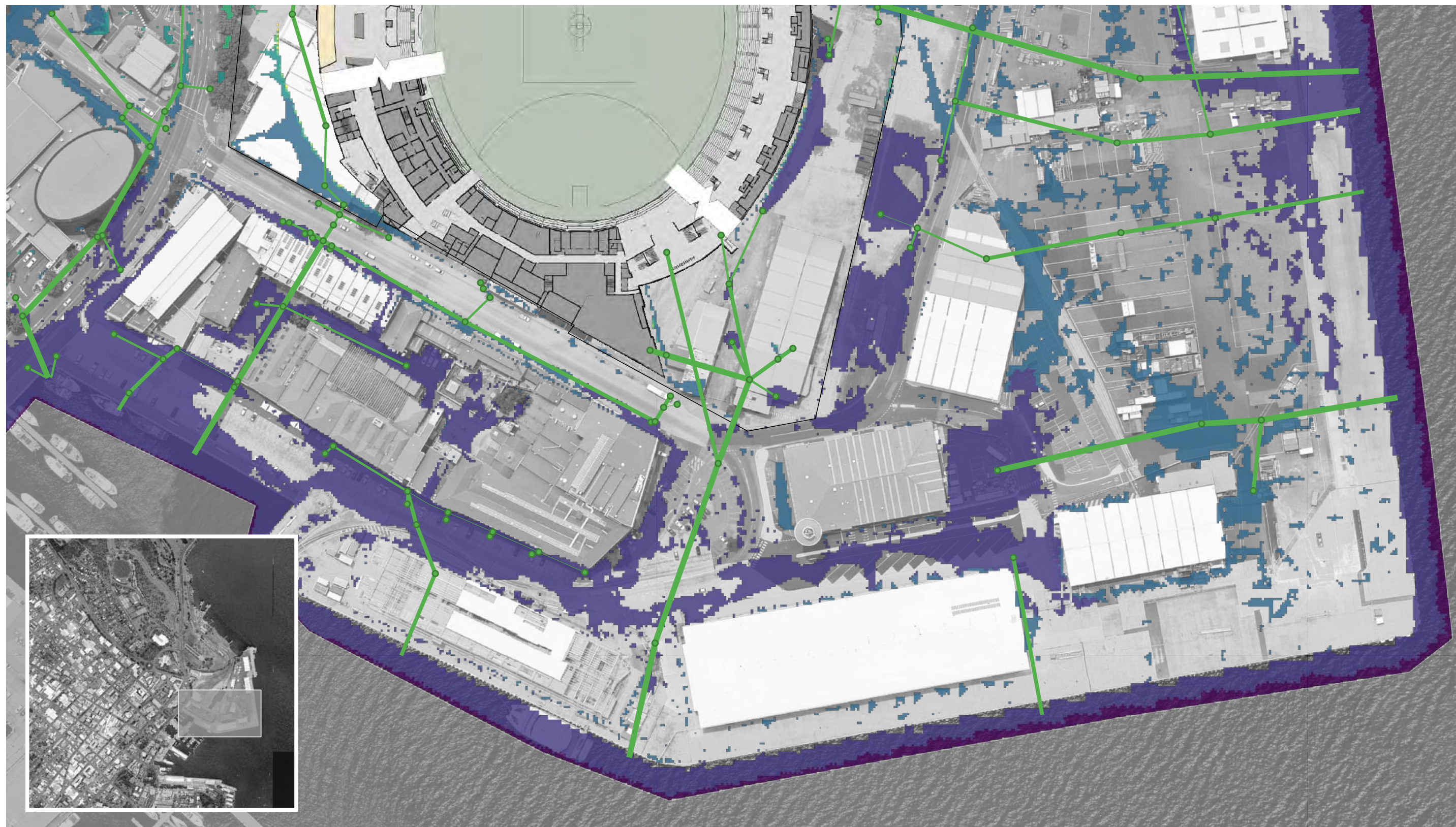


Figure 88.2: Peak Water Level - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHD)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

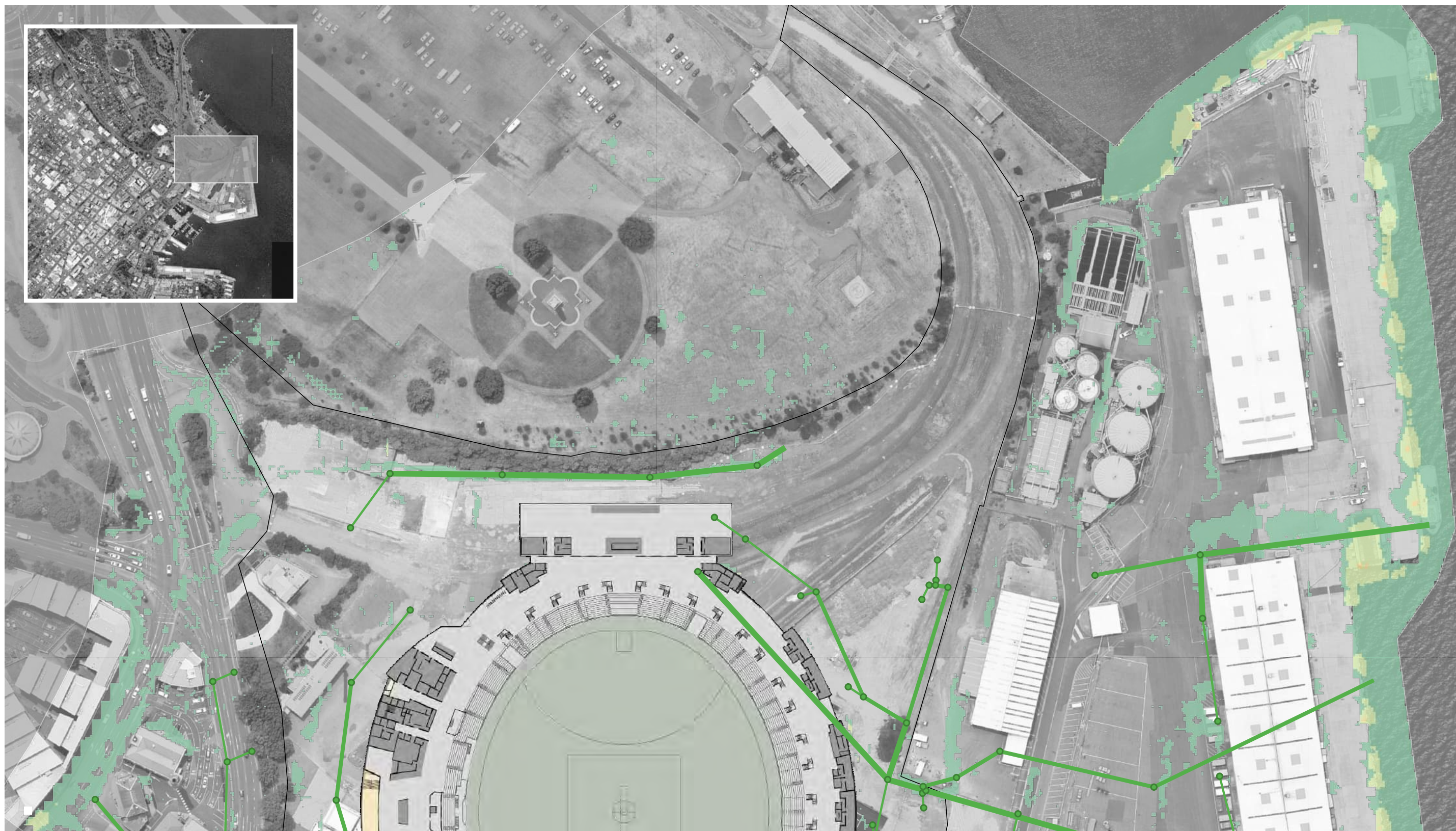


Figure 89.1: Peak Velocity - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Velocity (m/s)
0.25 - 1
1 - 2

2 - 3
3 - 4
> 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 89.2: Peak Velocity - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
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DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

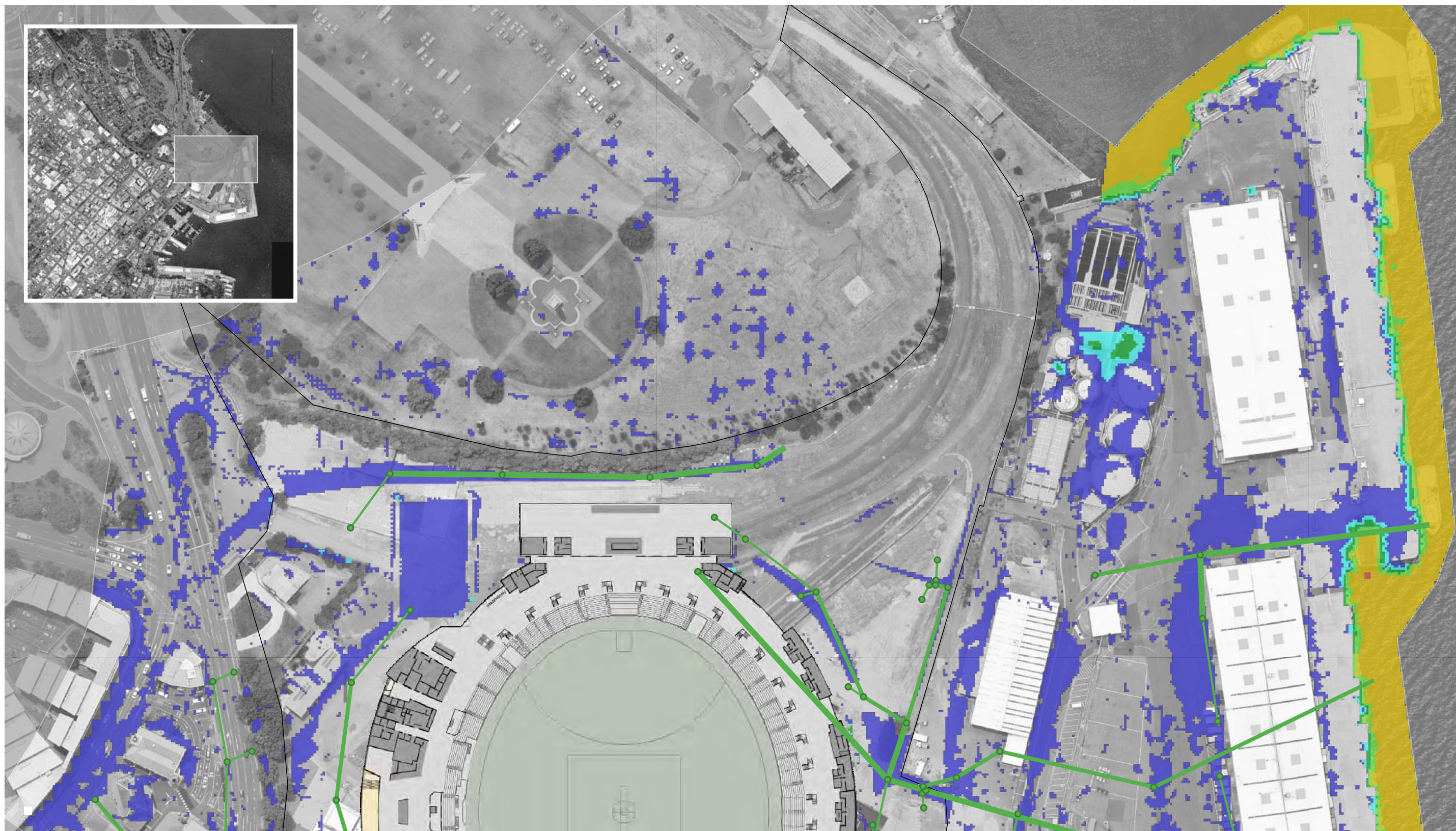


Figure 90.1: Peak Hazard - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

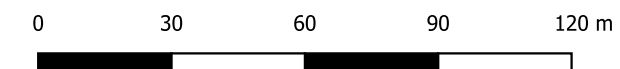
MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

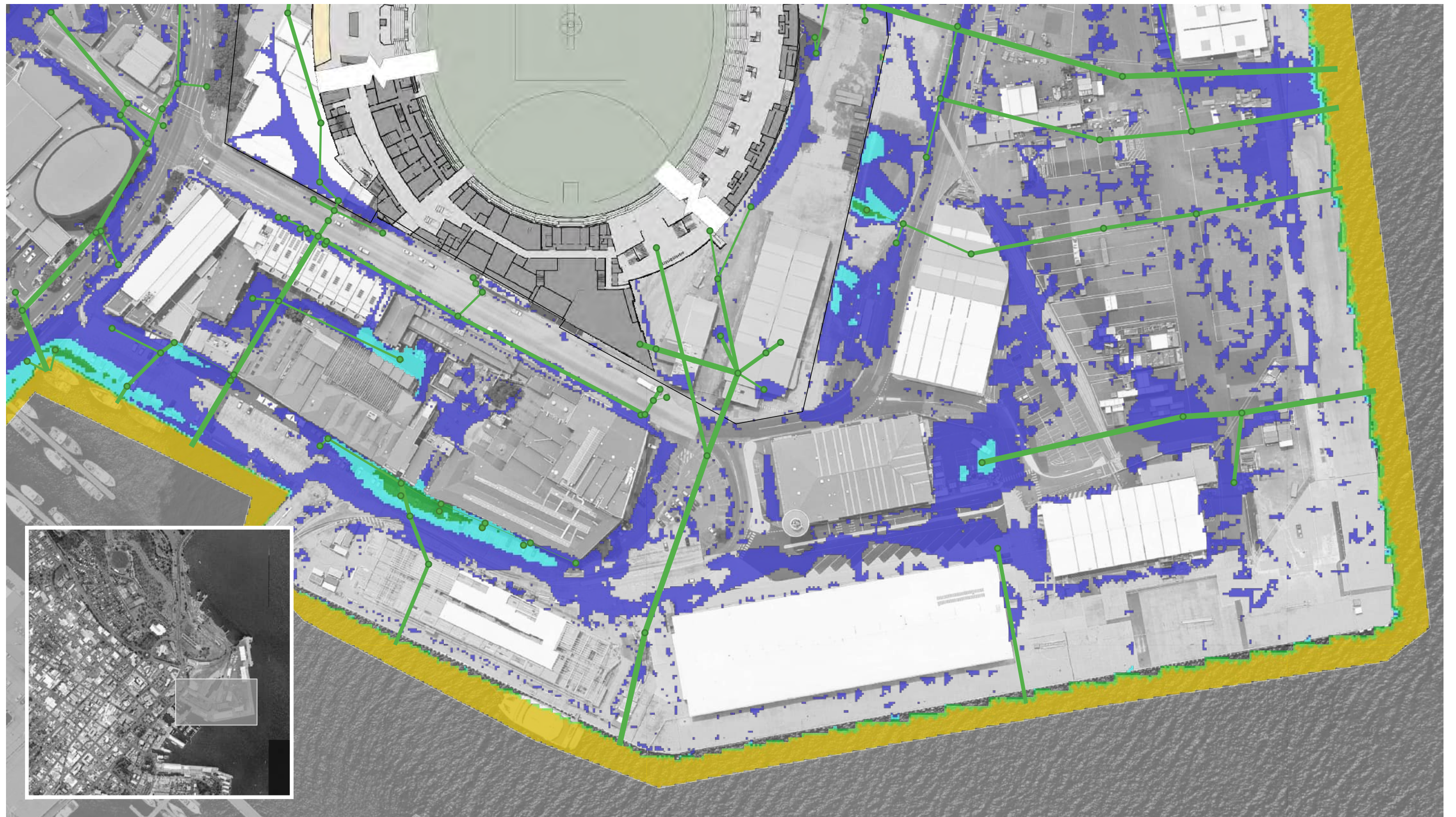


Figure 90.2: Peak Hazard - 10% AEP 2100
Option 1: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

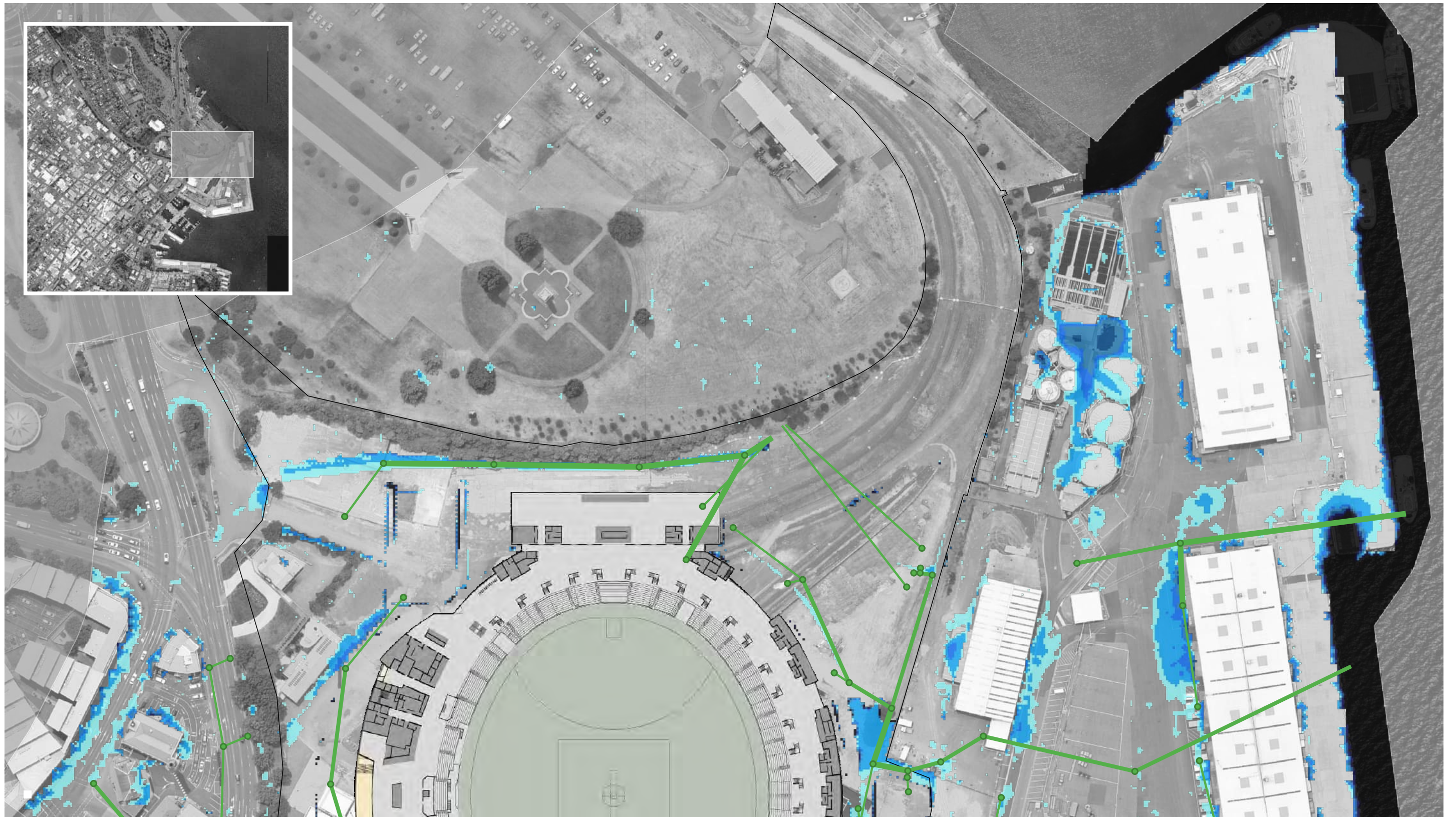


Figure 91.1: Peak Depth - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

 Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

 0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

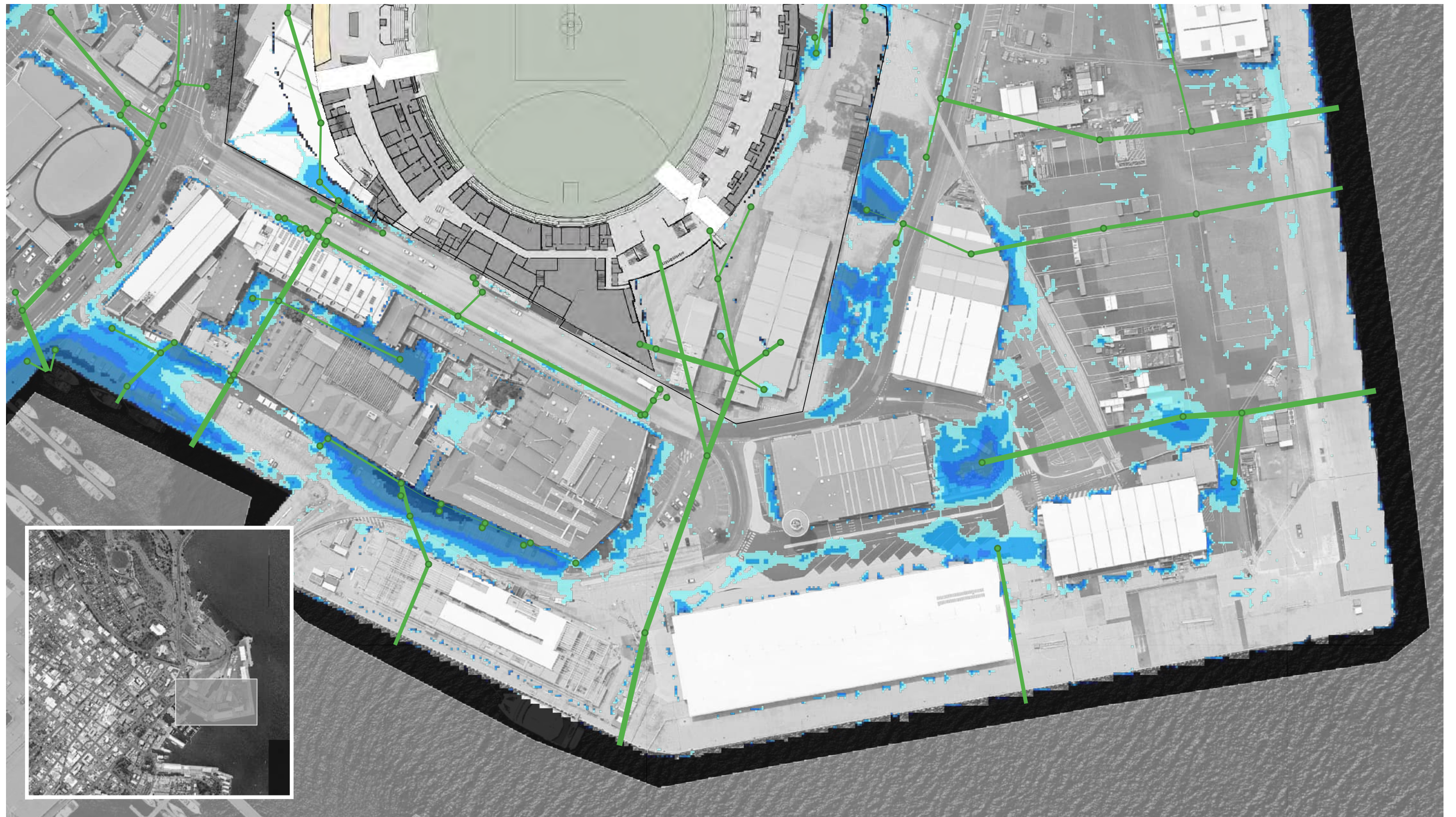


Figure 91.2: Peak Depth - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

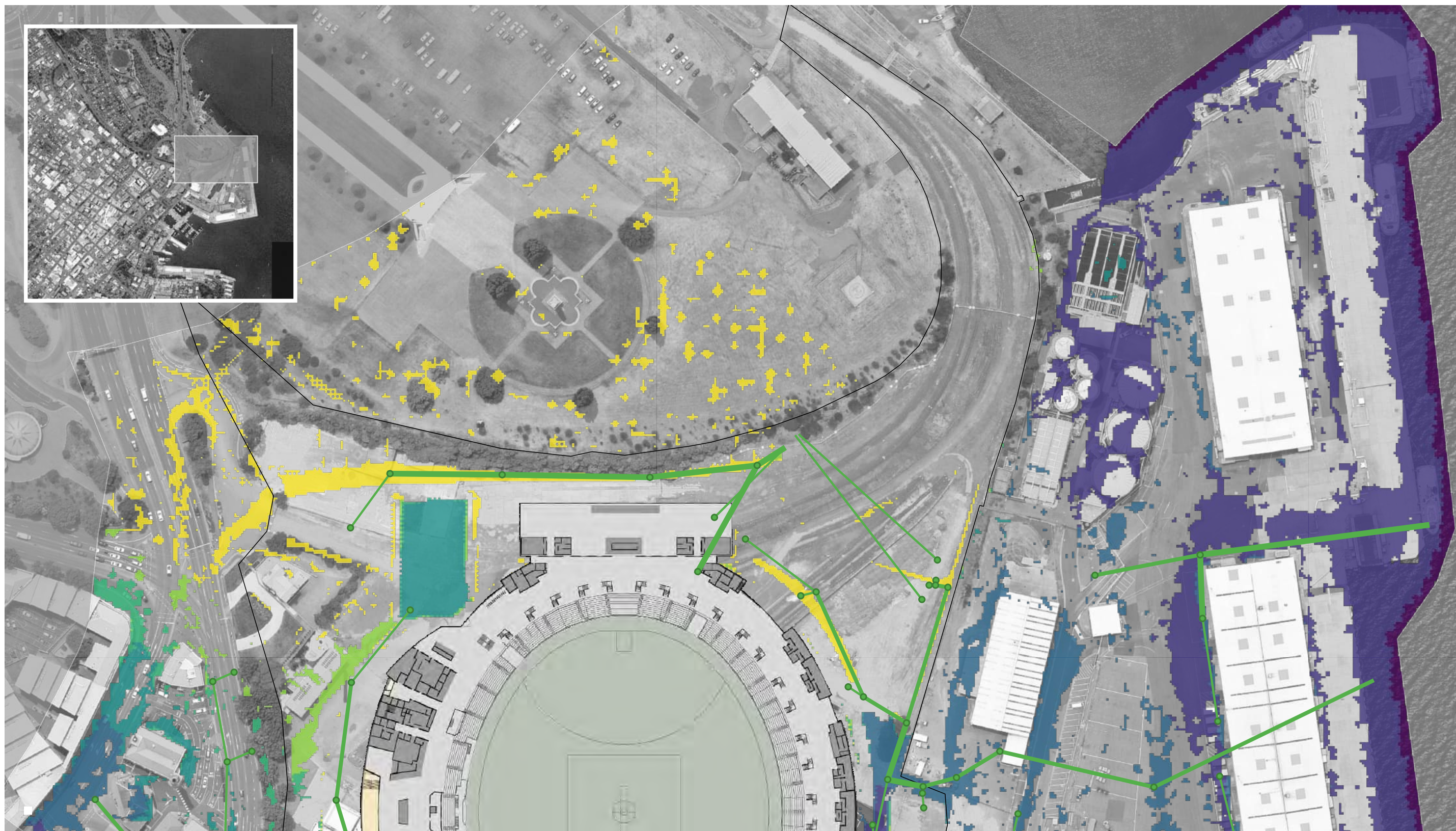


Figure 92.1: Peak Water Level - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

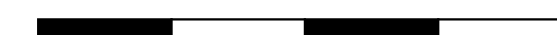
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

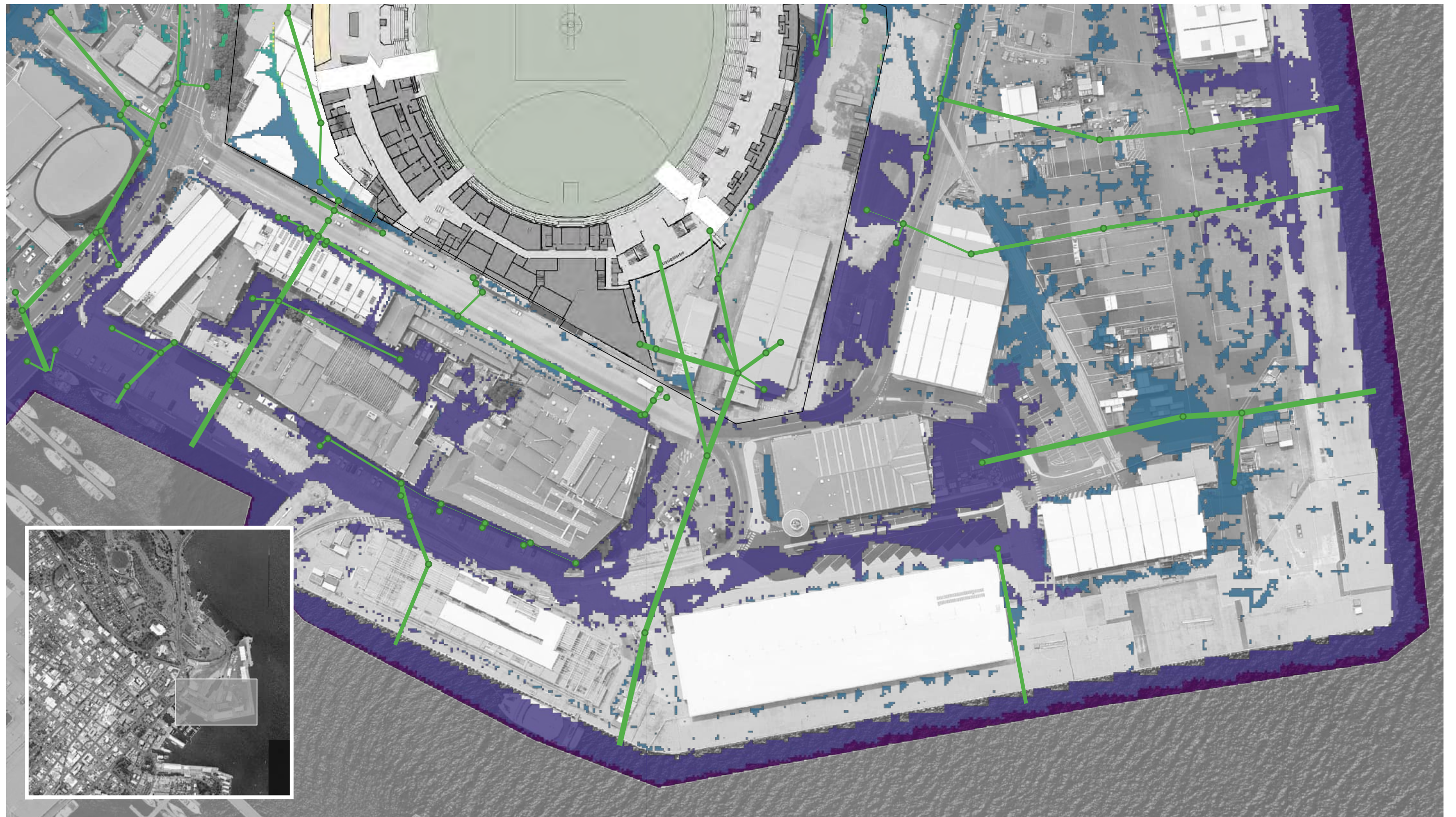


Figure 92.2: Peak Water Level - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

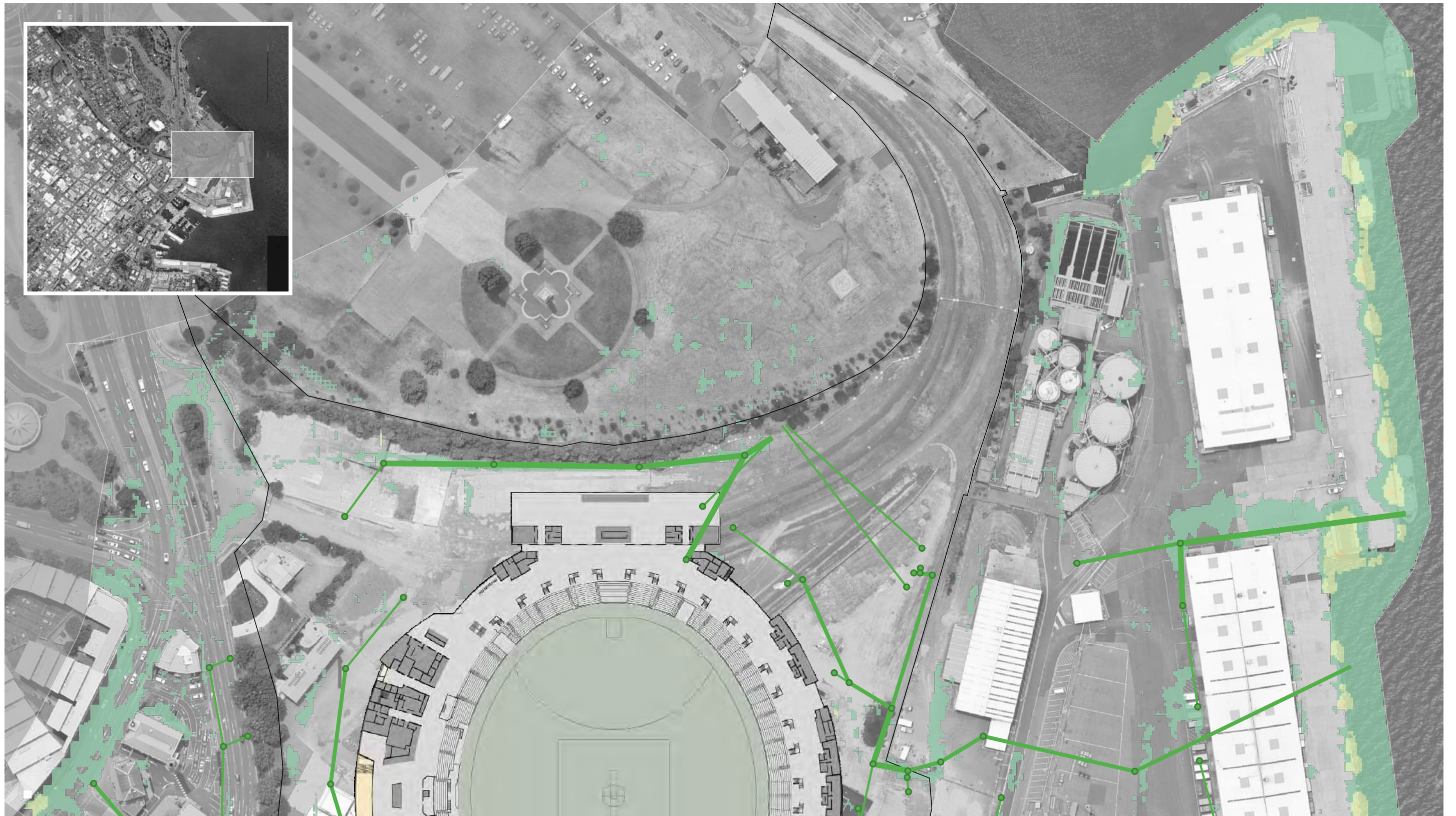


Figure 93.1: Peak Velocity - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 93.2: Peak Velocity - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND Site Boundary

Drainage Network
● Pit

Pipe Diameter (m)
— 0.1 - 0.225
— 0.225 - 0.3
— 0.3 - 0.45
— 0.45 - 3

Peak Velocity (m/s)
— 0.25 - 1
— 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

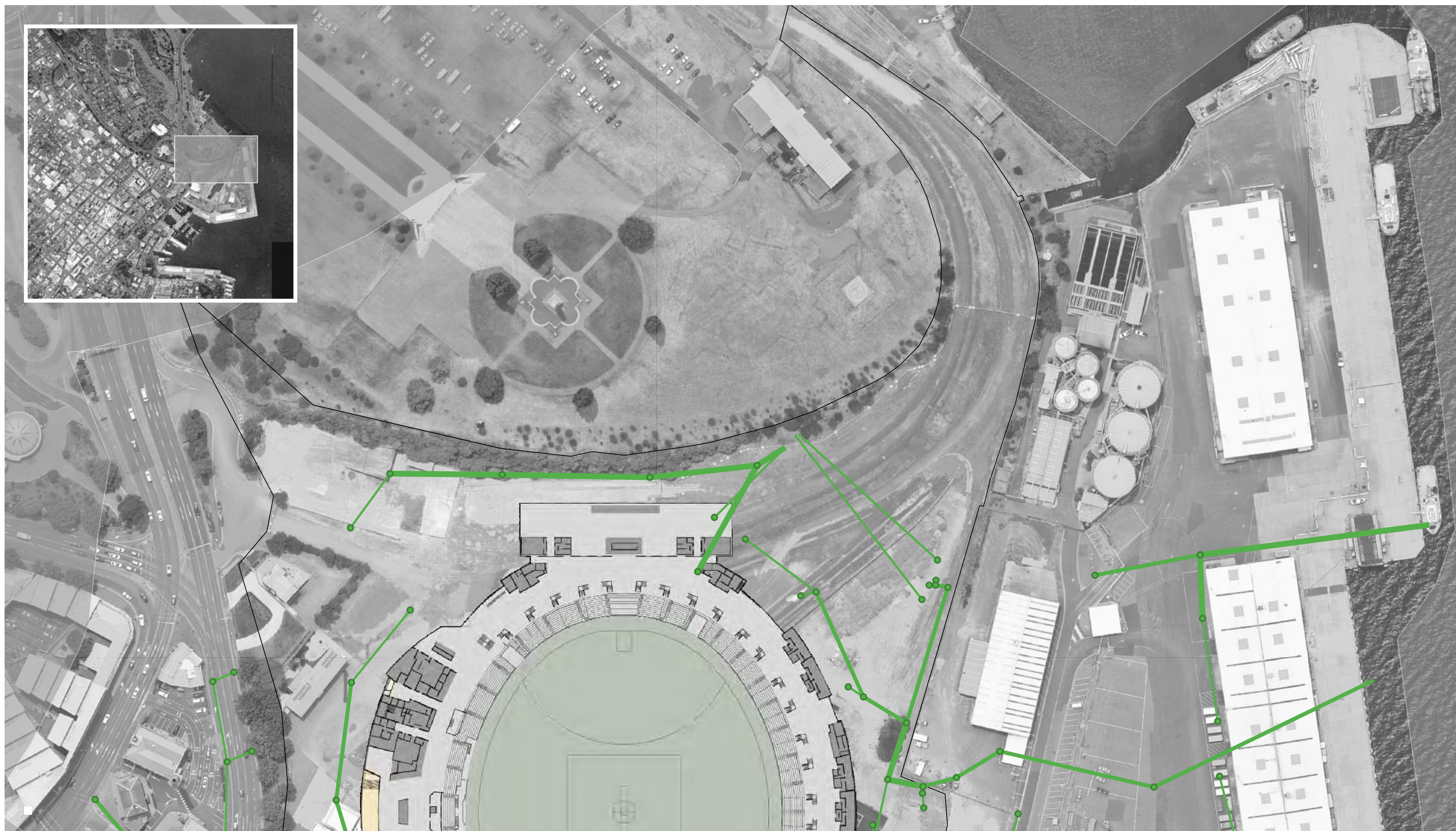


Figure 94.1: Peak Hazard - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND  Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

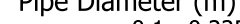

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 94.2: Peak Hazard - 10% AEP 2100
Option 2: Stadium roof drainage connection to the North and South.

LEGEND  Site Boundary

 Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

 H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

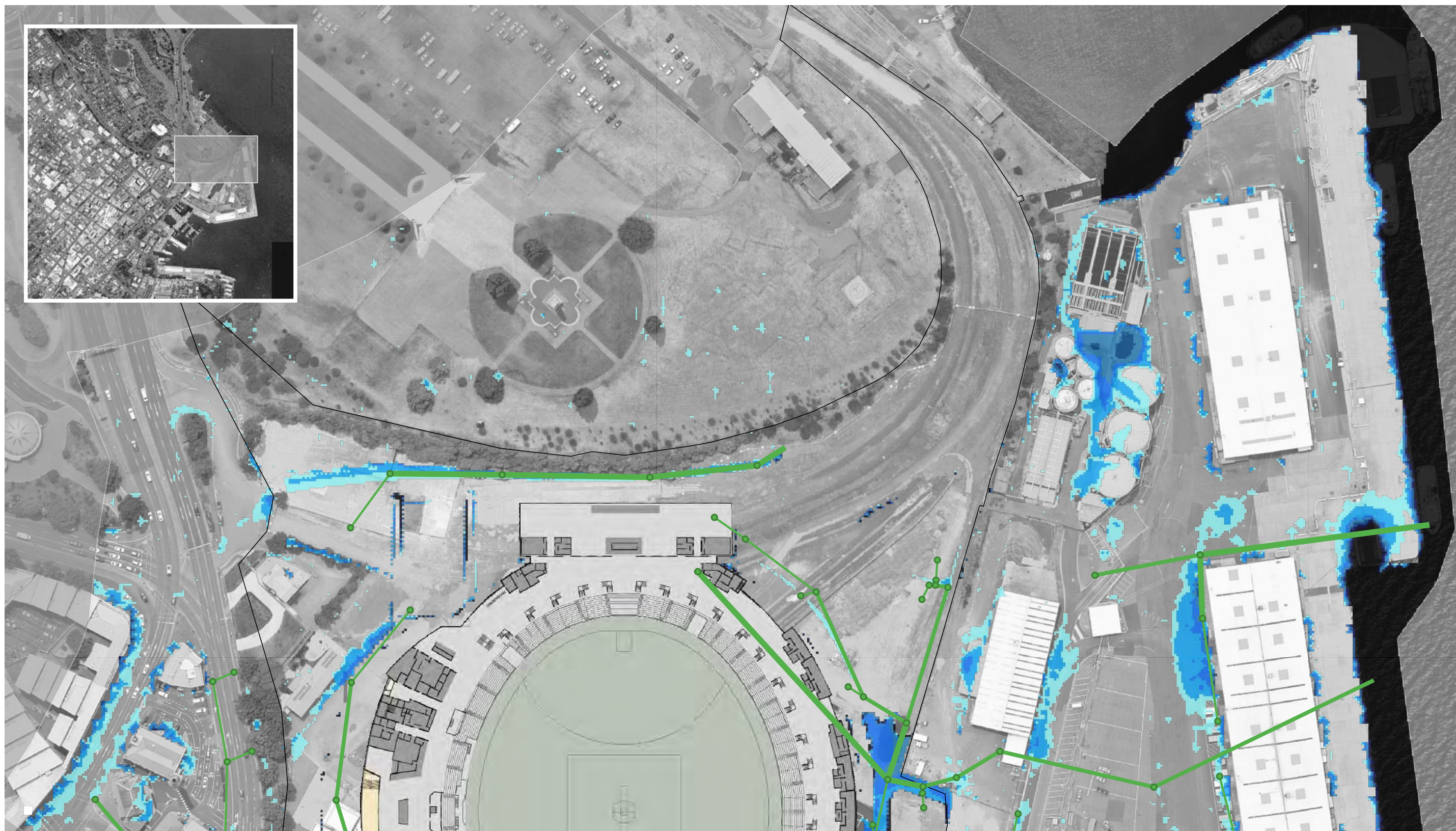


Figure 95.1: Peak Depth - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 95.2: Peak Depth - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Depth (m)
 0.05 - 0.10
 0.10 - 0.20
 0.20 - 0.30
 0.30 - 0.50

0.50 - 0.75
 0.75 - 1.00
 > 1.00

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

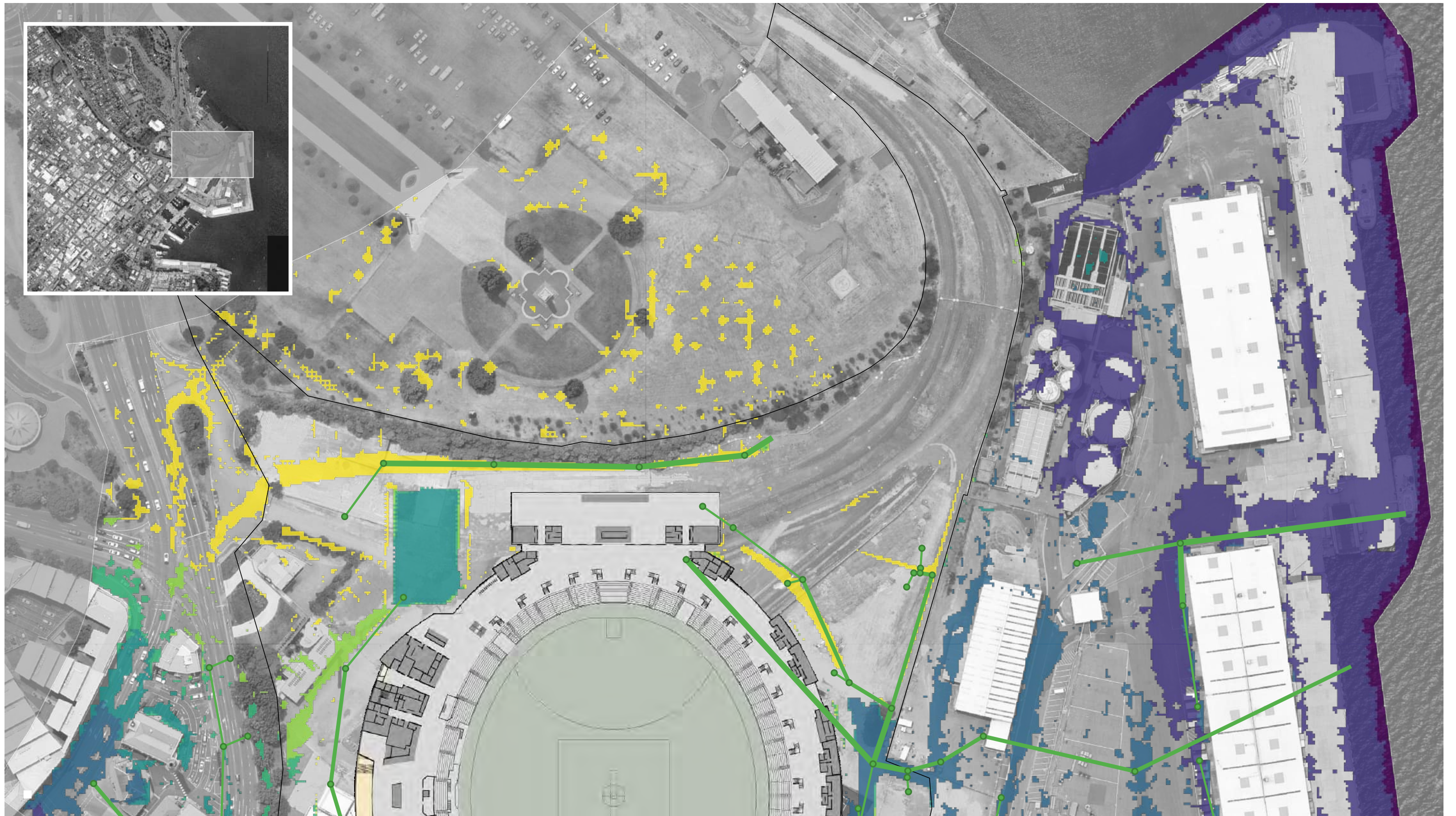


Figure 96.1: Peak Water Level - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Water Level (mAHd)
 ≤ 2
 2 - 3
 3 - 4
 4 - 5

5 - 6
 6 - 7
 > 7

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

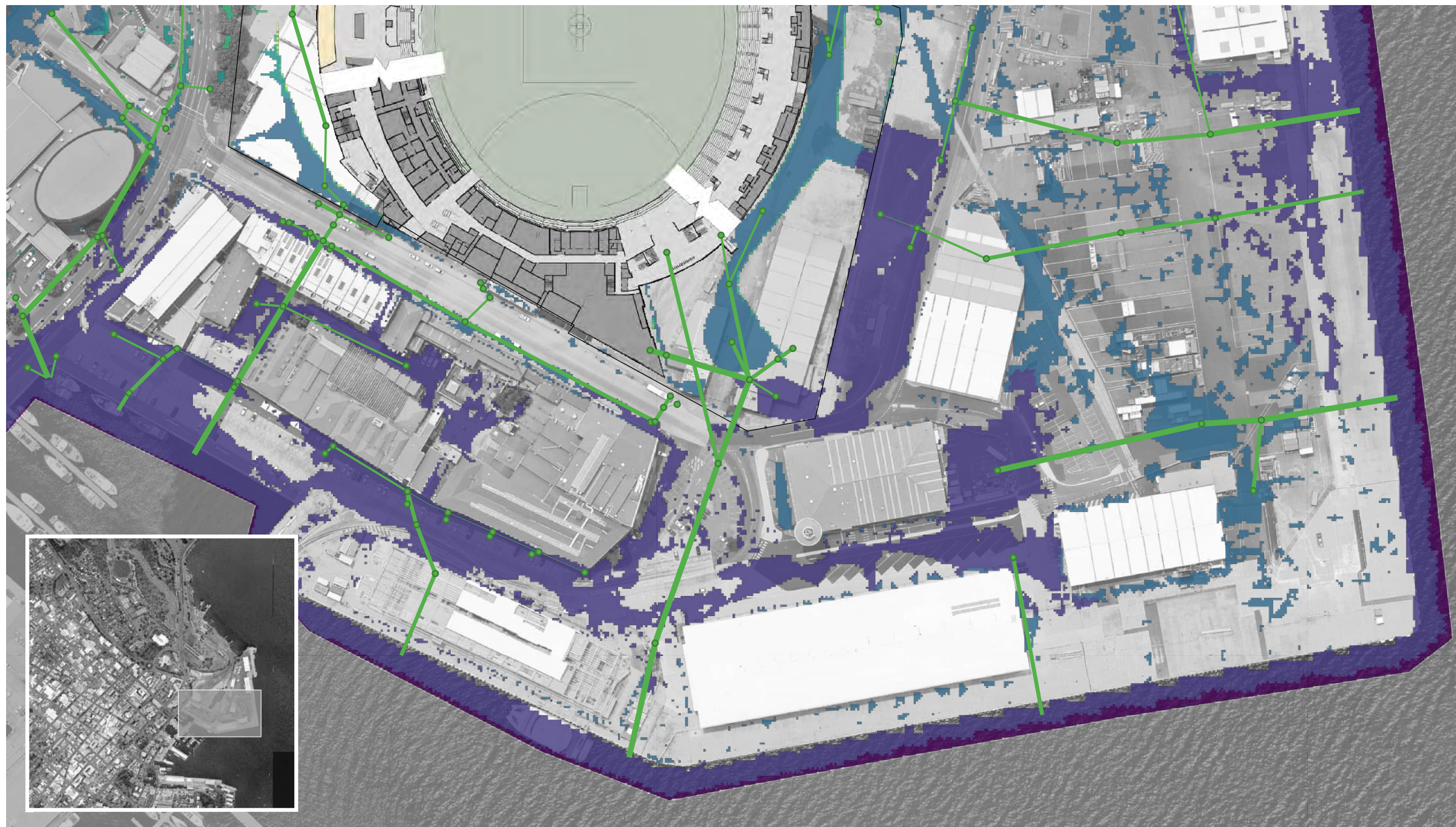


Figure 96.2: Peak Water Level - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Water Level (mAHD)
≤ 2
2 - 3
3 - 4
4 - 5

5 - 6
6 - 7
> 7

MAP REF: P.24.0237

AUTHOR: Emma Lofthouse

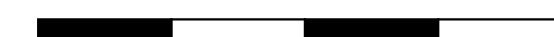
REVISION: B

DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m



COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

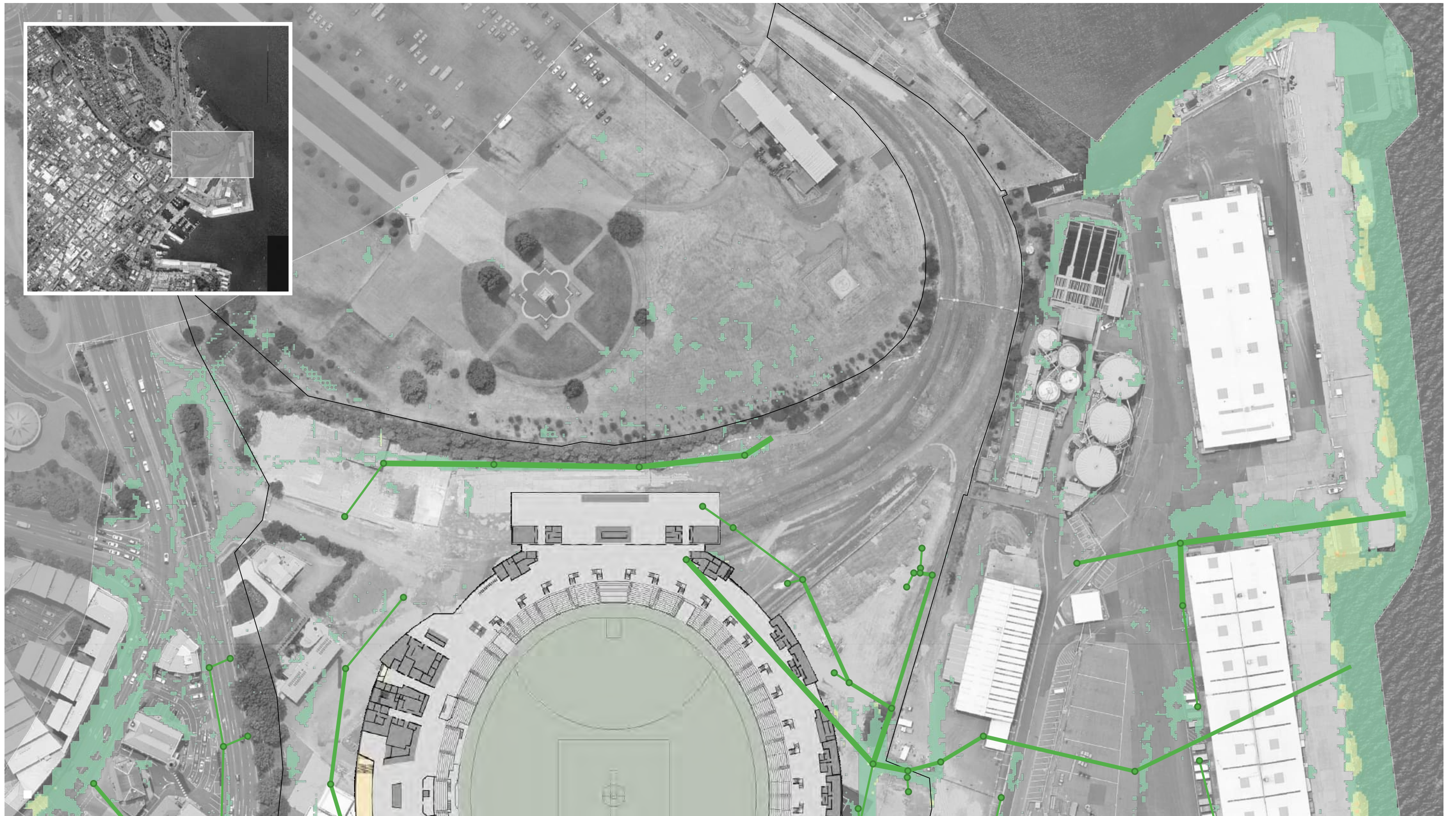


Figure 97.1: Peak Velocity - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
 Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m
COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 97.2: Peak Velocity - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Velocity (m/s)
 0.25 - 1
 1 - 2

2 - 3
 3 - 4
 > 4

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

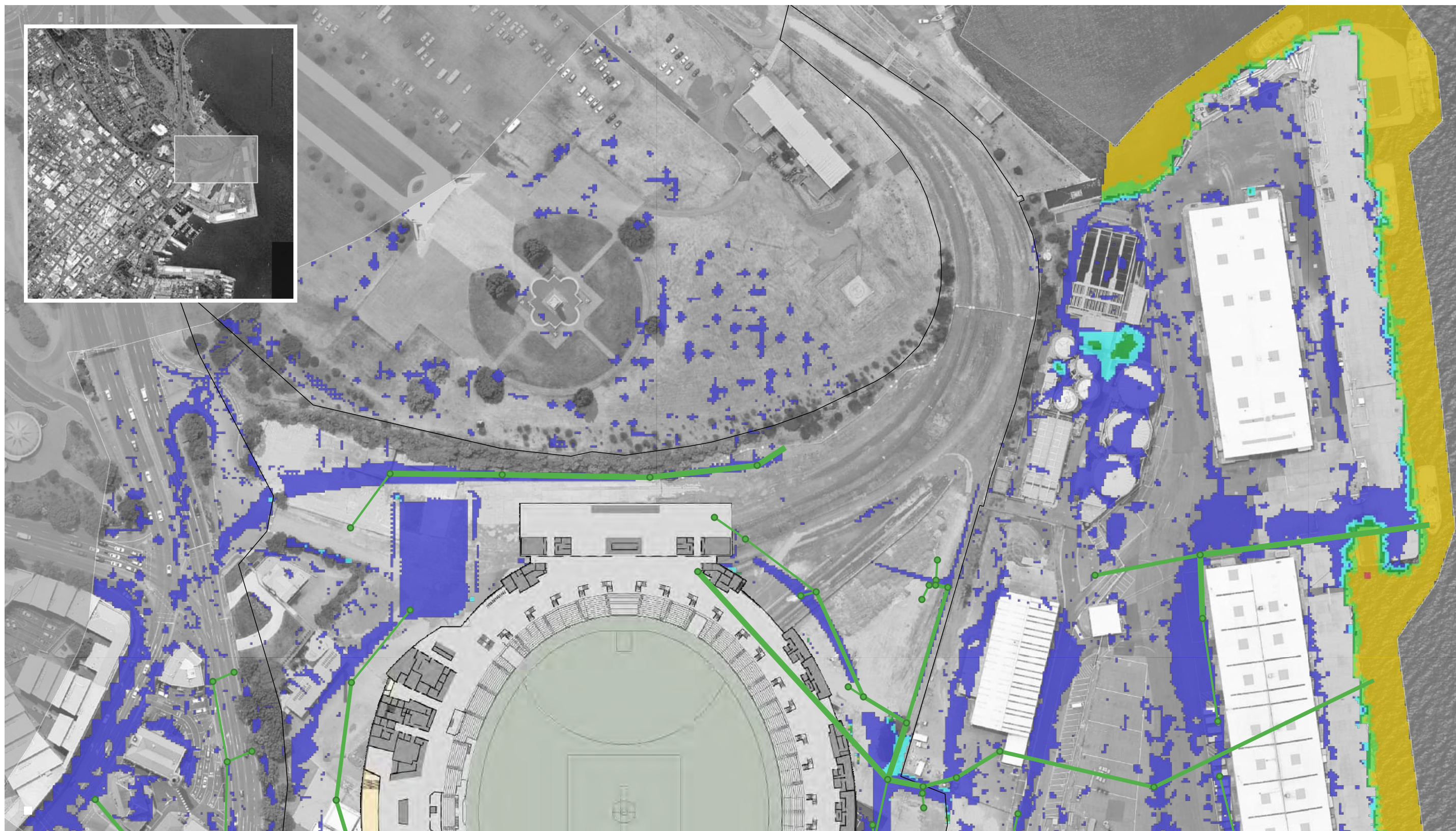


Figure 98.1: Peak Hazard - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network
Pit

Pipe Diameter (m)
0.1 - 0.225
0.225 - 0.3
0.3 - 0.45
0.45 - 3

Peak Hazard Level
H1
H2
H3
H4

H5
H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

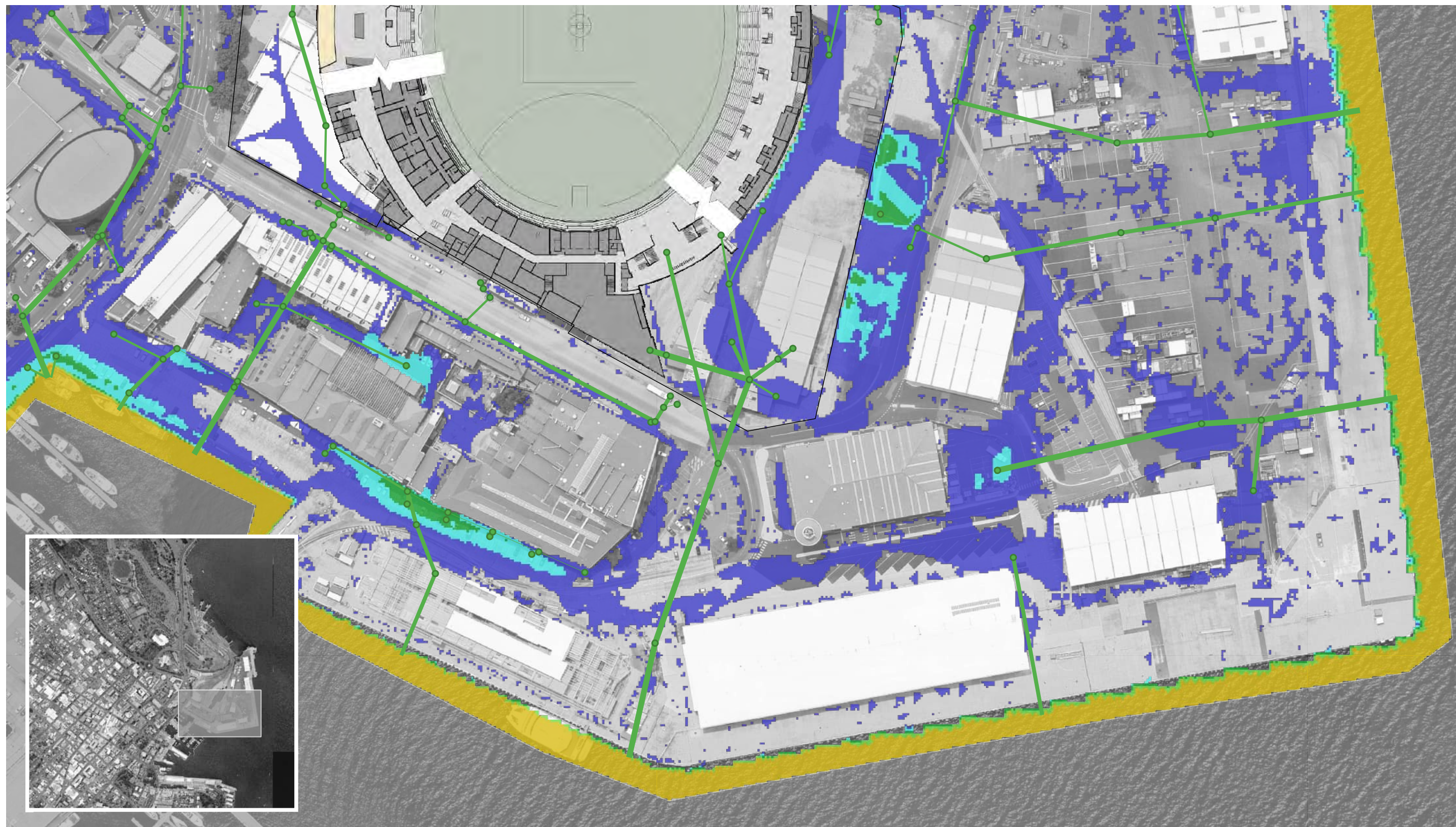


Figure 98.2: Peak Hazard - 10% AEP 2100
Option 3: Stadium roof drainage connection to the East and South.

LEGEND Site Boundary

Drainage Network Pit

Pipe Diameter (m)
 0.1 - 0.225
 0.225 - 0.3
 0.3 - 0.45
 0.45 - 3

Peak Hazard Level
 H1
 H2
 H3
 H4

H5
 H6

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

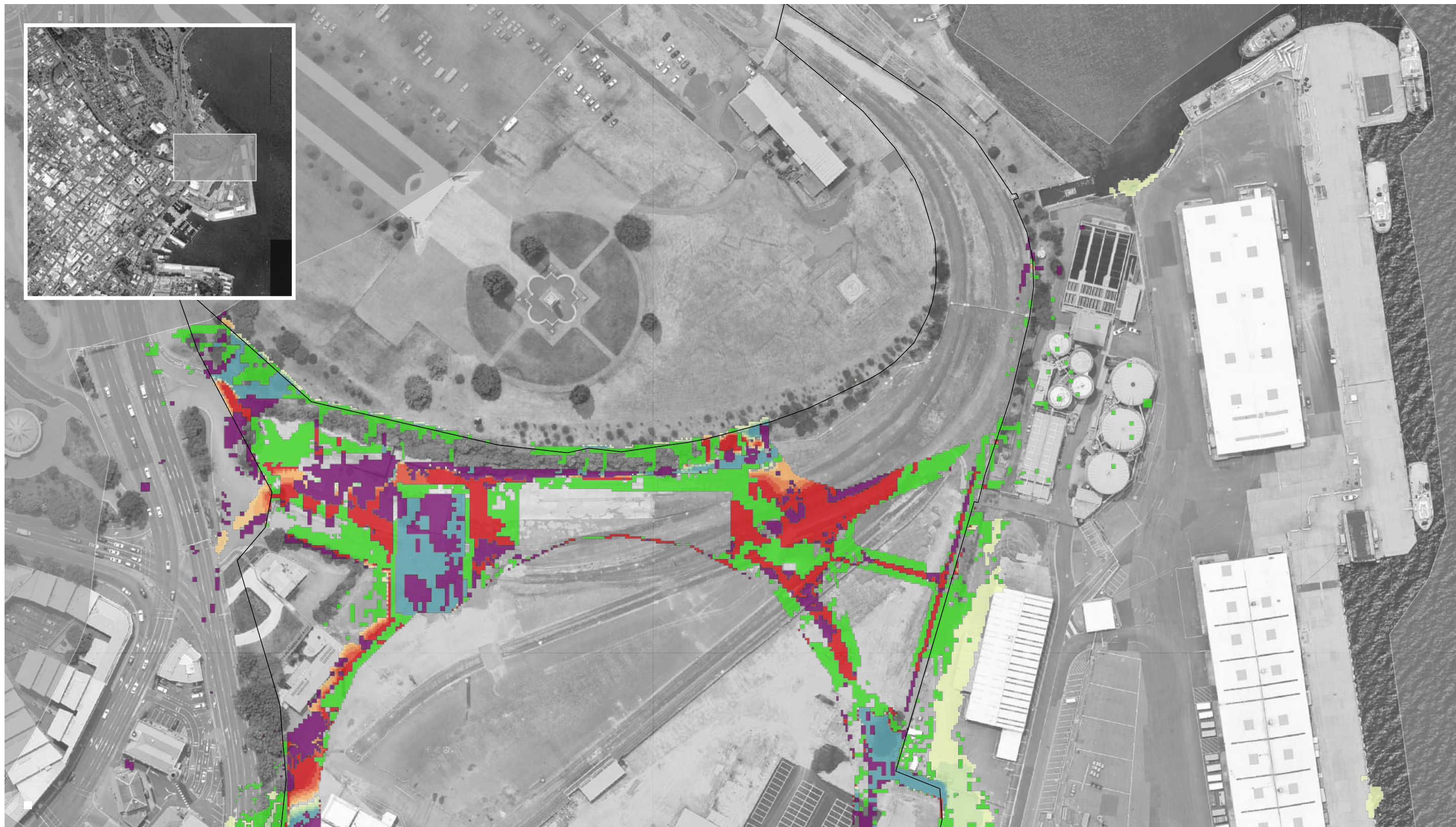


Figure 99.1: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

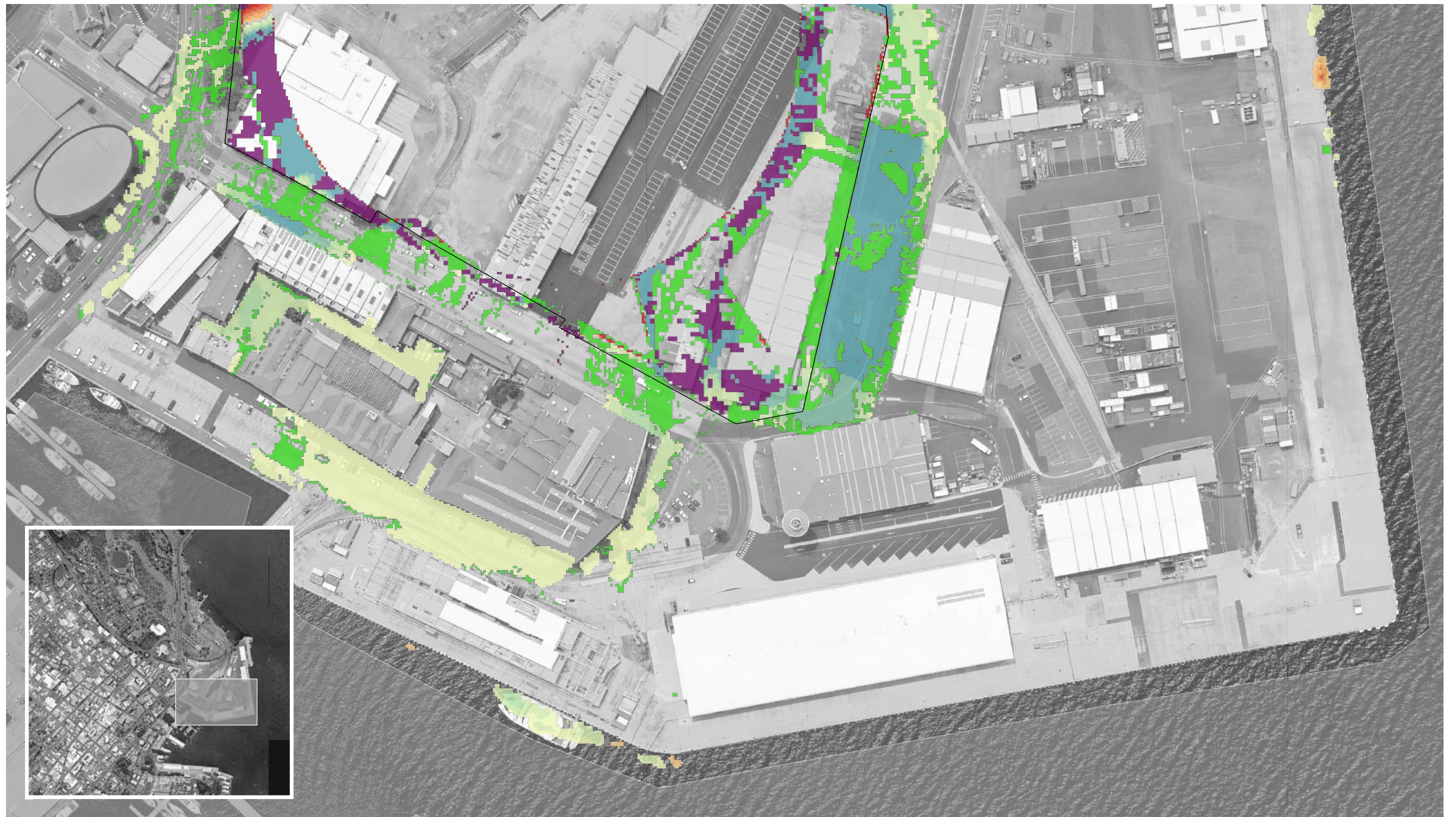


Figure 99.2: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 1

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

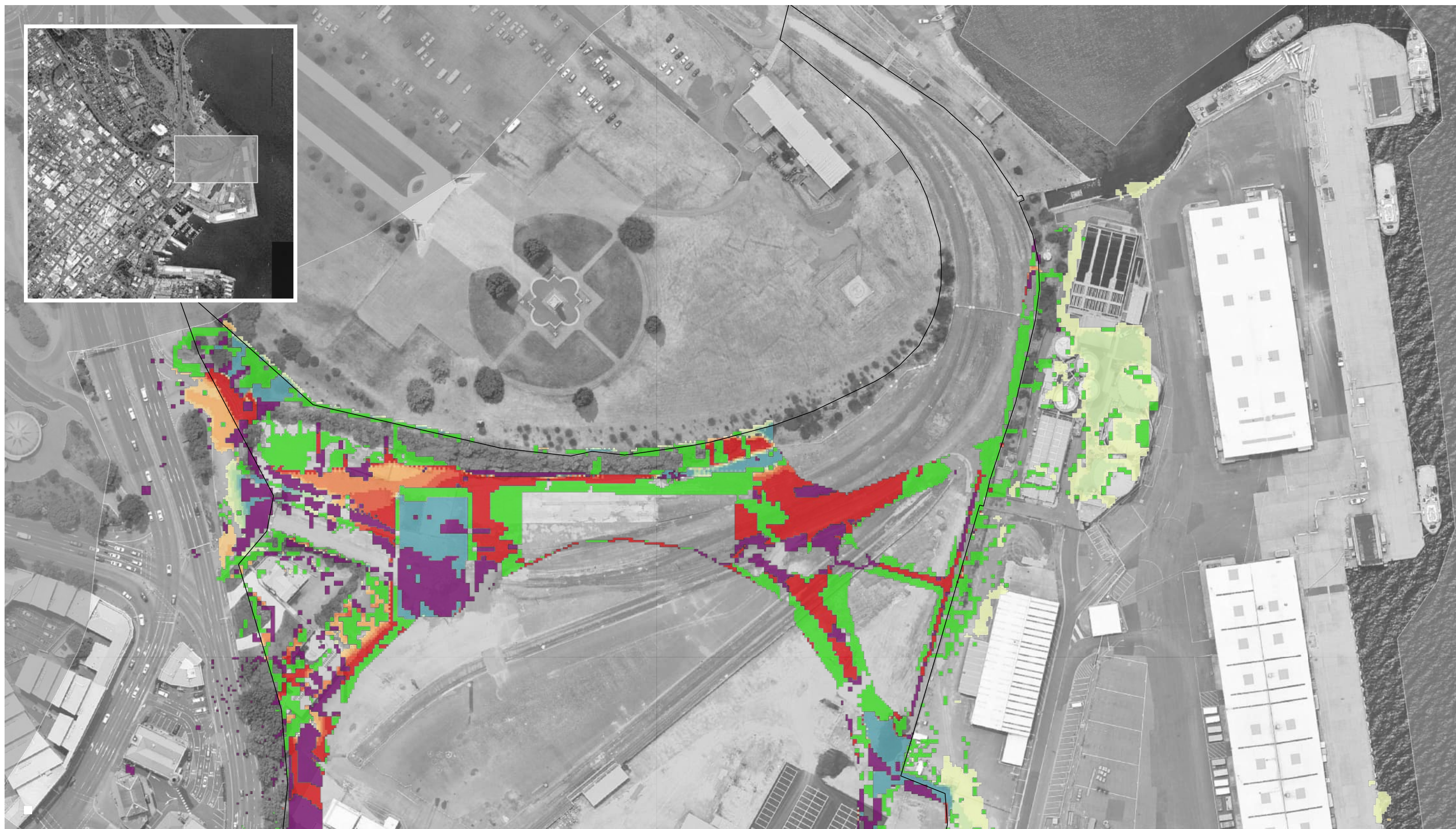


Figure 10.1: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 1

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 10.2: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 1

Macquarie Point Stadium - Hobart
pitt&sherry

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

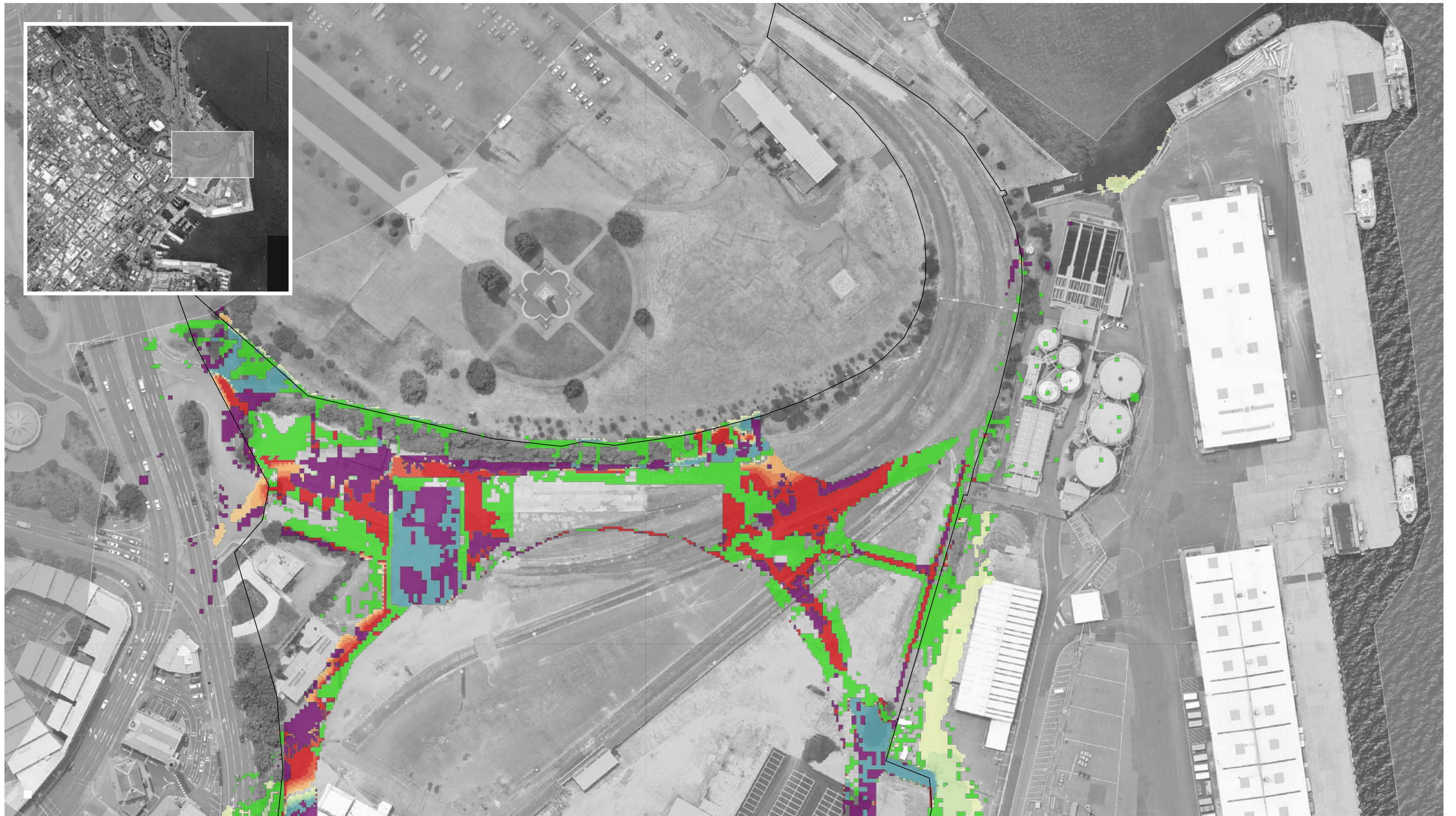


Figure 10.1: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 2

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

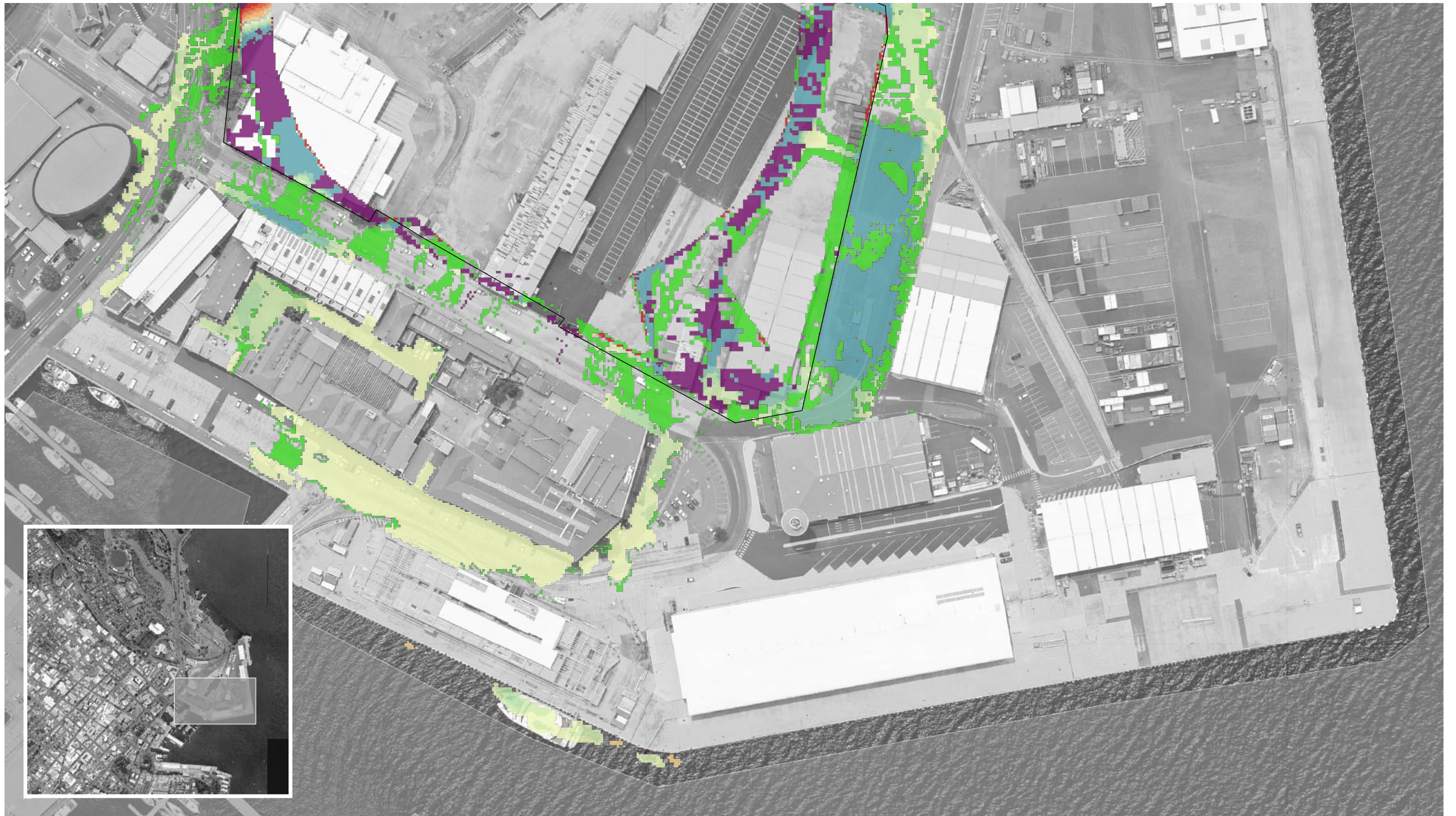


Figure 10.2: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 2

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

 0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

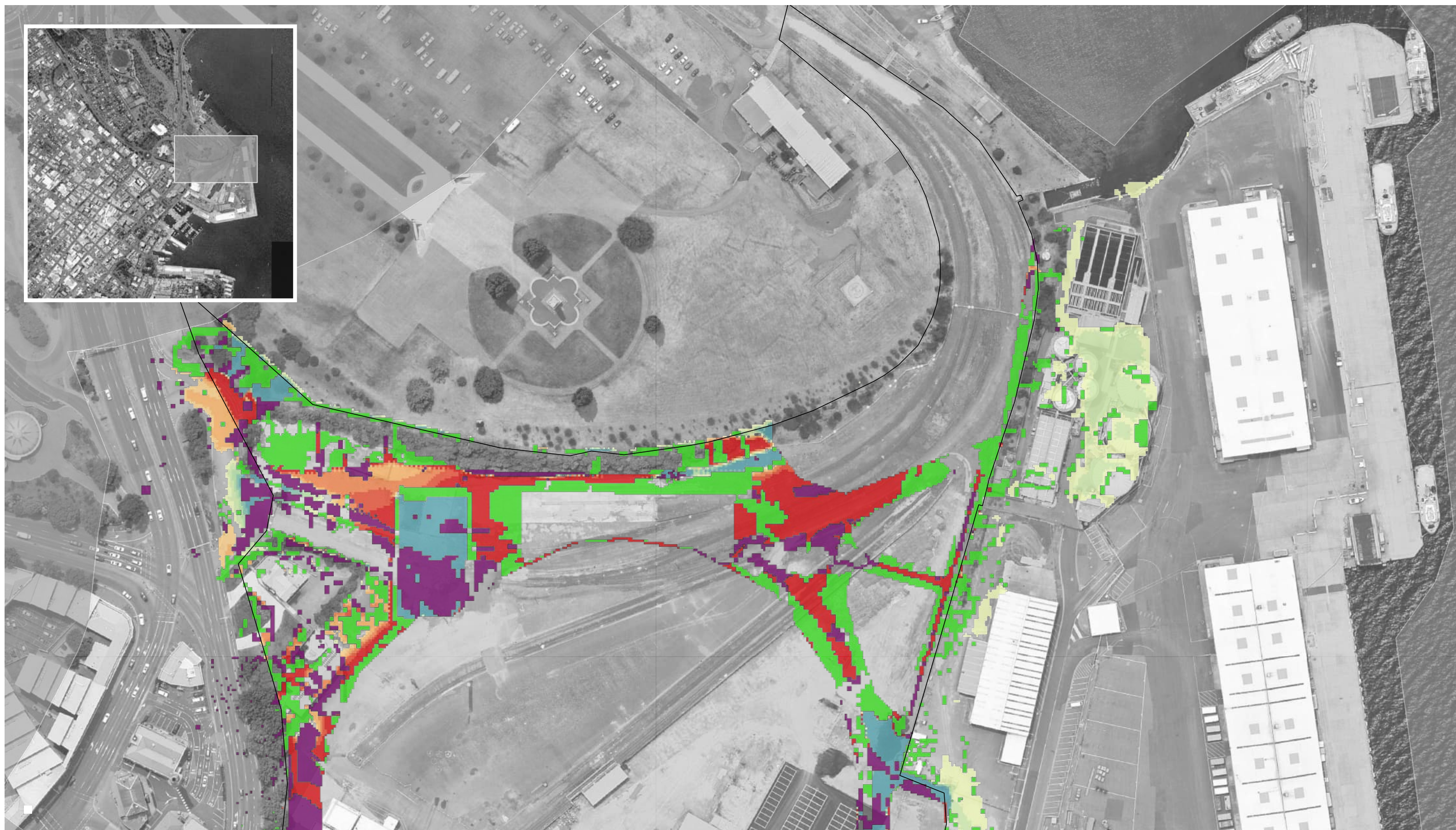


Figure 10.1: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 2

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 10.2: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 2

LEGEND Site Boundary

Water Level Difference (m)
 ≤ -0.20
 -0.20 - -0.15
 -0.15 - -0.10
 -0.10 - -0.05

0.02 - 0.05
 0.05 - 0.10
 0.10 - 0.15
 0.15 - 0.20
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

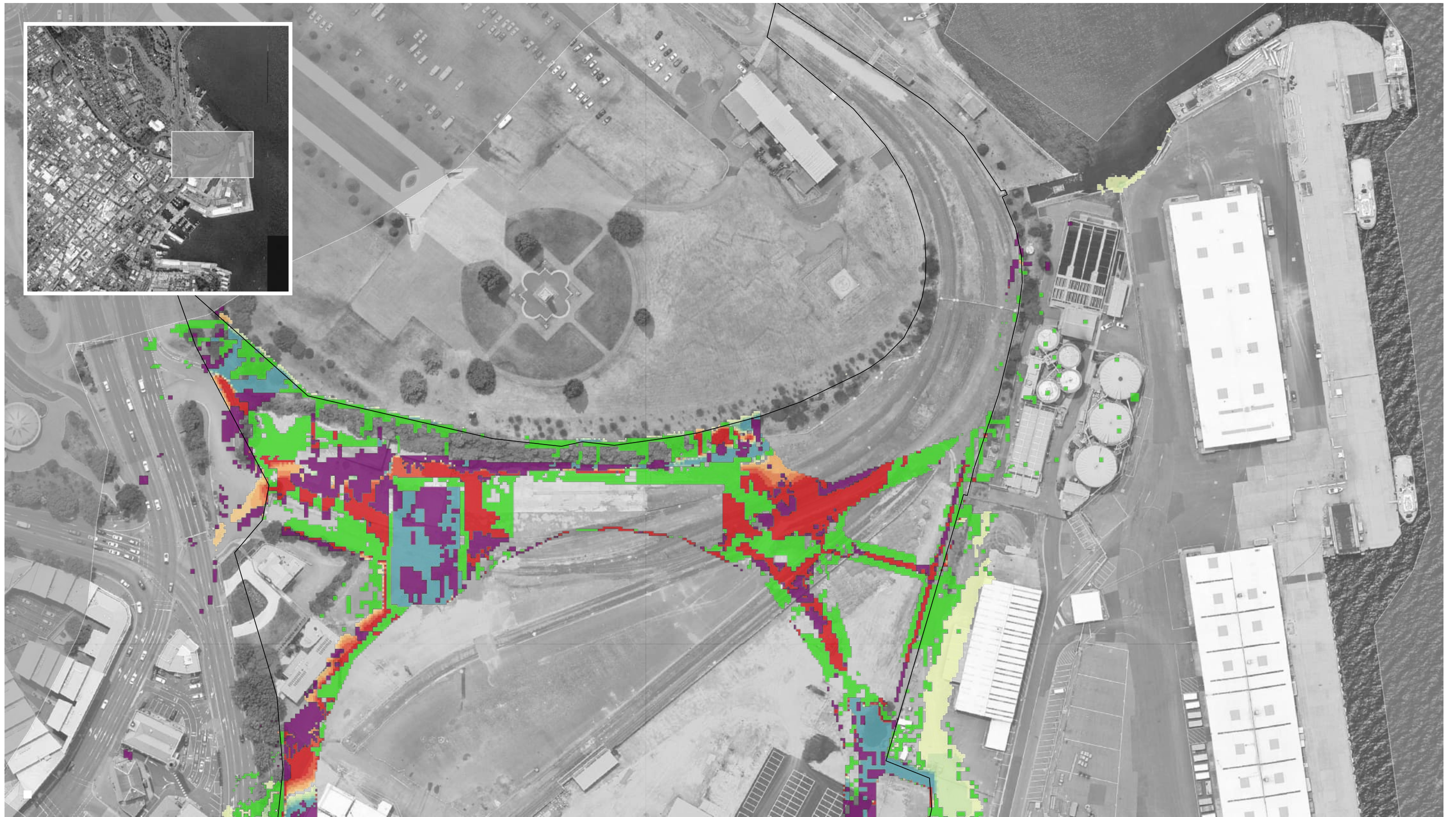


Figure 10.1: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 10.2: Water Level Afflux - 10% AEP 2100
Existing Condition 1 and Option 3

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

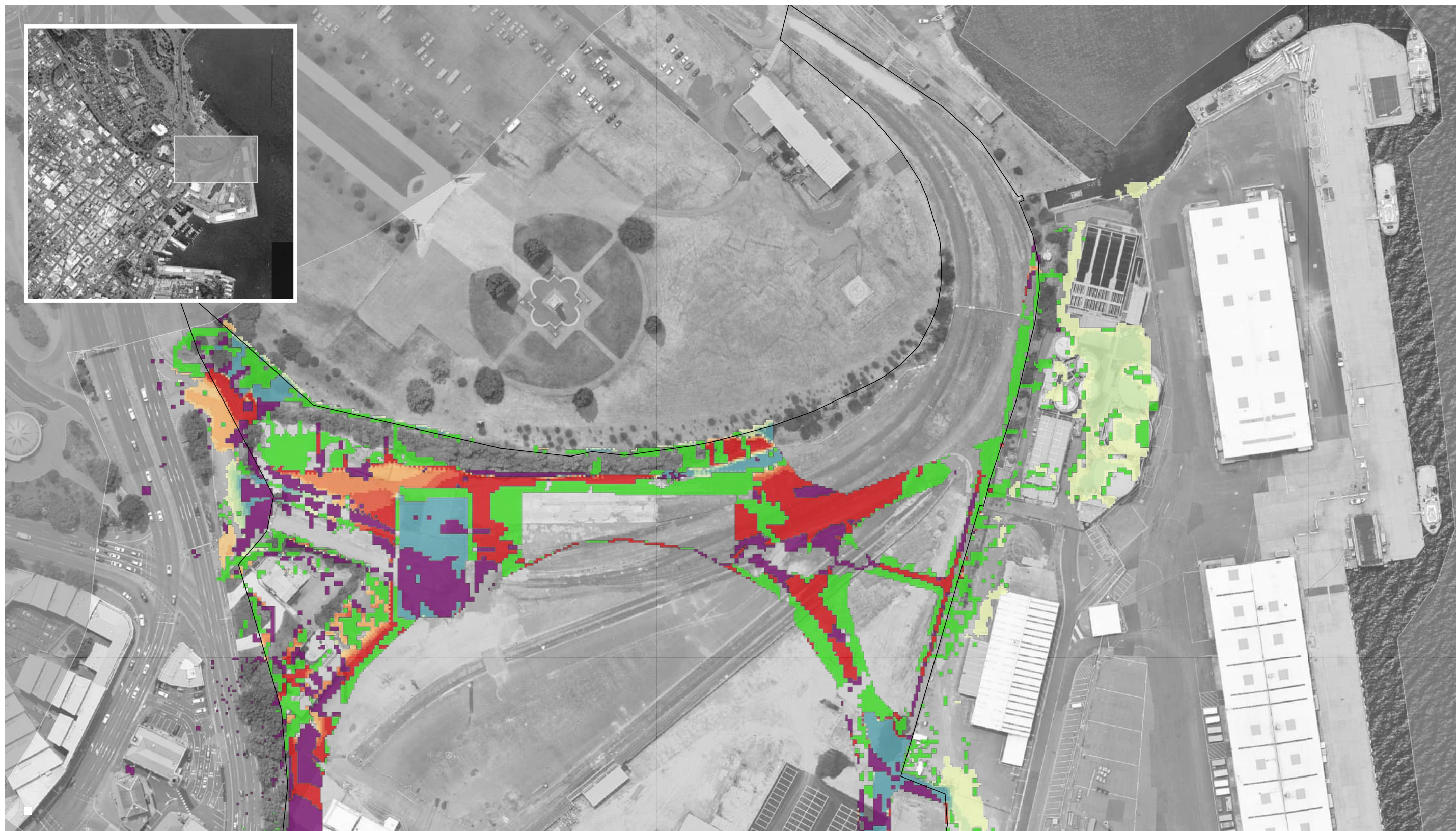


Figure 10.1: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 3

LEGEND Site Boundary

Water Level Difference (m)

≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

$0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season

Macquarie Point Stadium - Hobart
pitt&sherry



0 30 60 90 120 m

COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700



Figure 10.2: Water Level Afflux - 10% AEP 2100
Existing Condition 2 and Option 3

LEGEND  Site Boundary

Water Level Difference (m)

 ≤ -0.20
 $-0.20 - -0.15$
 $-0.15 - -0.10$
 $-0.10 - -0.05$

 $0.02 - 0.05$
 $0.05 - 0.10$
 $0.10 - 0.15$
 $0.15 - 0.20$
 > 0.20

 Was wet now dry
 Was dry now wet

MAP REF: P.24.0237
AUTHOR: Emma Lofthouse
REVISION: B
DATE: 28/05/2025

DATA SOURCES: TheLIST Aerial Photo 2015-2016 Season



0 30 60 90 120 m


COORDINATE SYSTEM: GDA2020 / MGA zone 55
SCALE @ A3: 1:1700

Stormwater Assessment
Macquarie Point Stadium

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