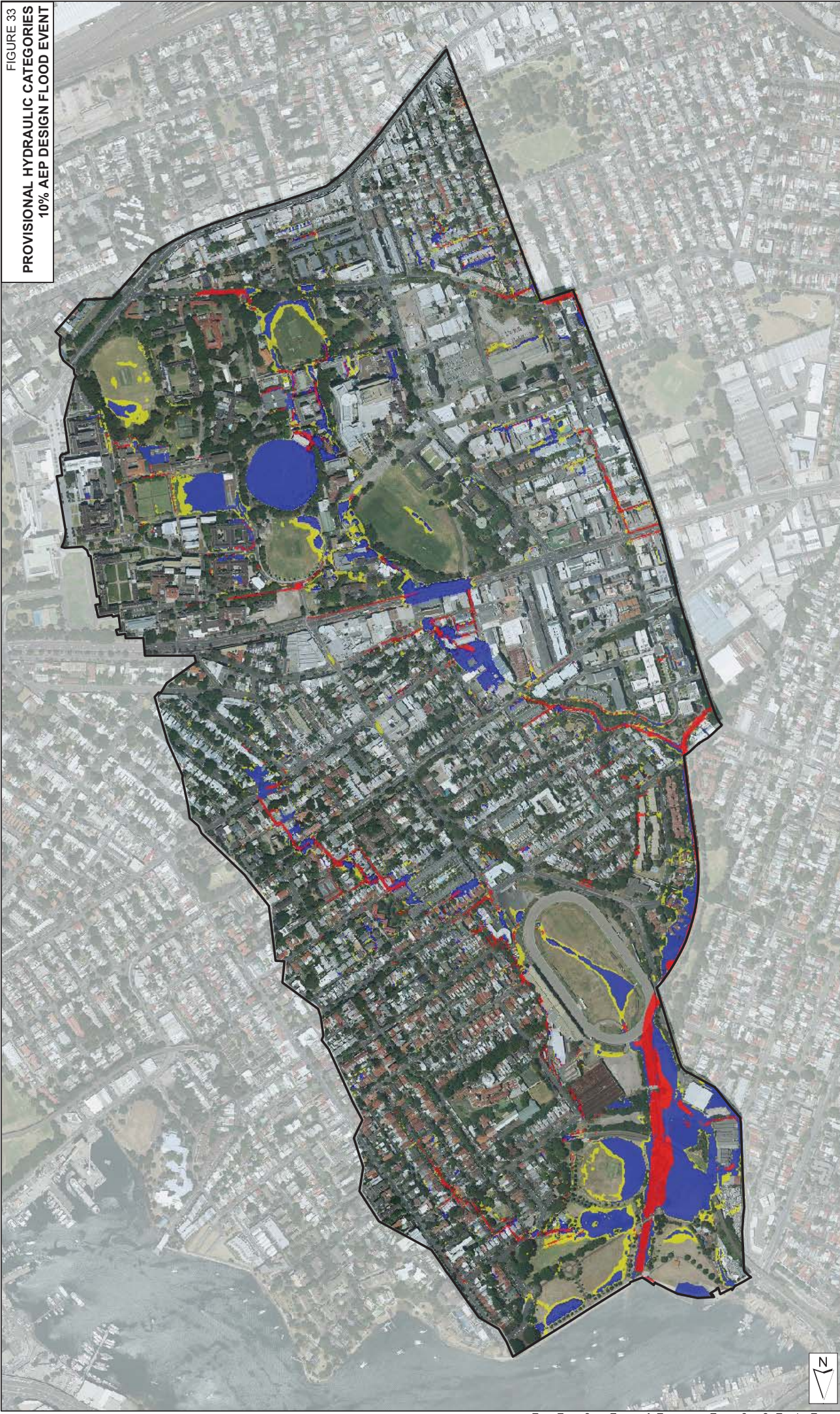
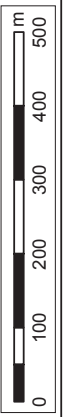


FIGURE 33  
**PROVISIONAL HYDRAULIC CATEGORIES**  
**10% AEP DESIGN FLOOD EVENT**



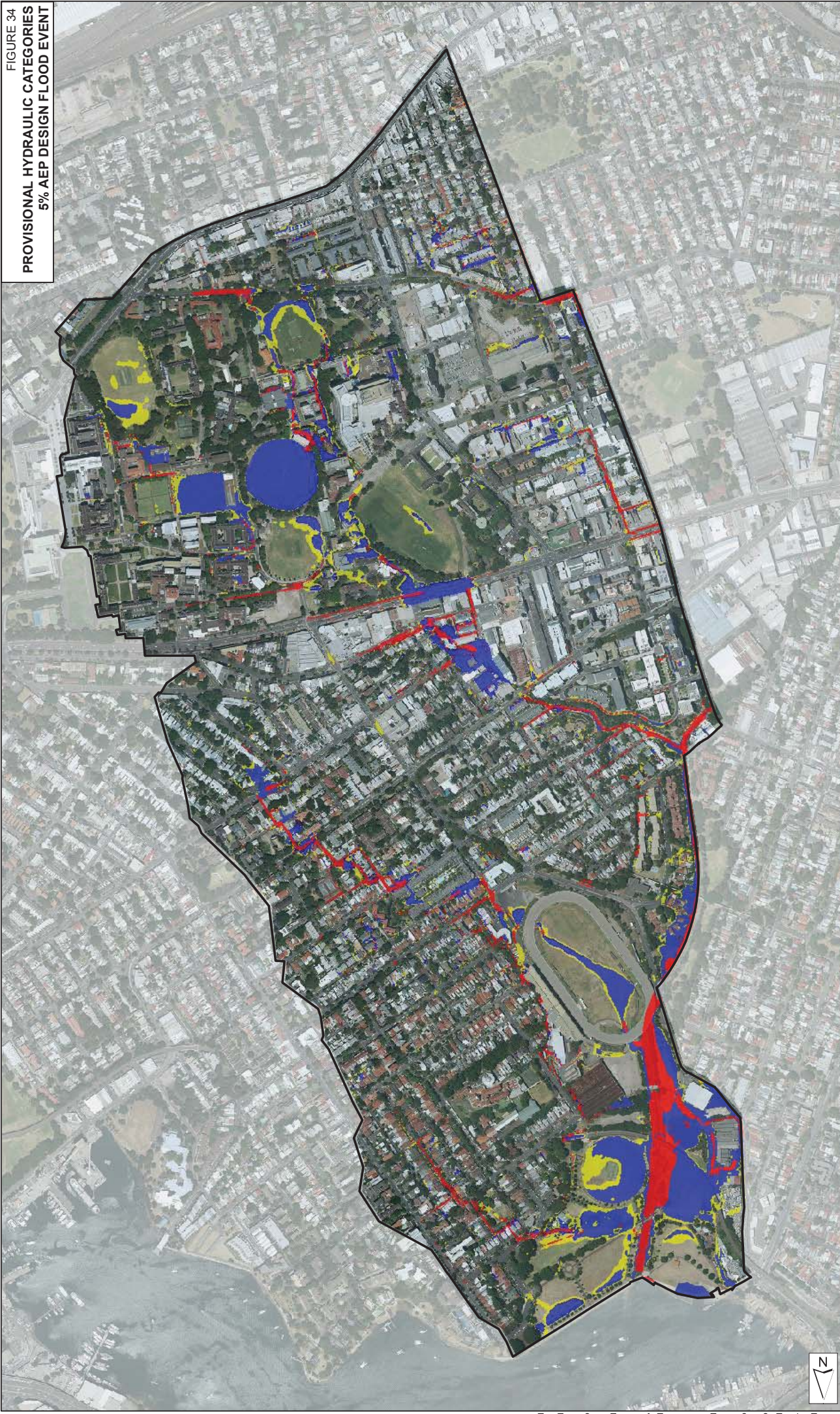
-  Study Area
- Hydraulic Categorisation**
-  Floodway
-  Flood Storage
-  Flood Fringe



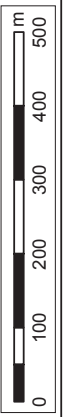
*Disclaimer:*  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood effectation at individual allotments.



FIGURE 34  
**PROVISIONAL HYDRAULIC CATEGORIES**  
**5% AEP DESIGN FLOOD EVENT**



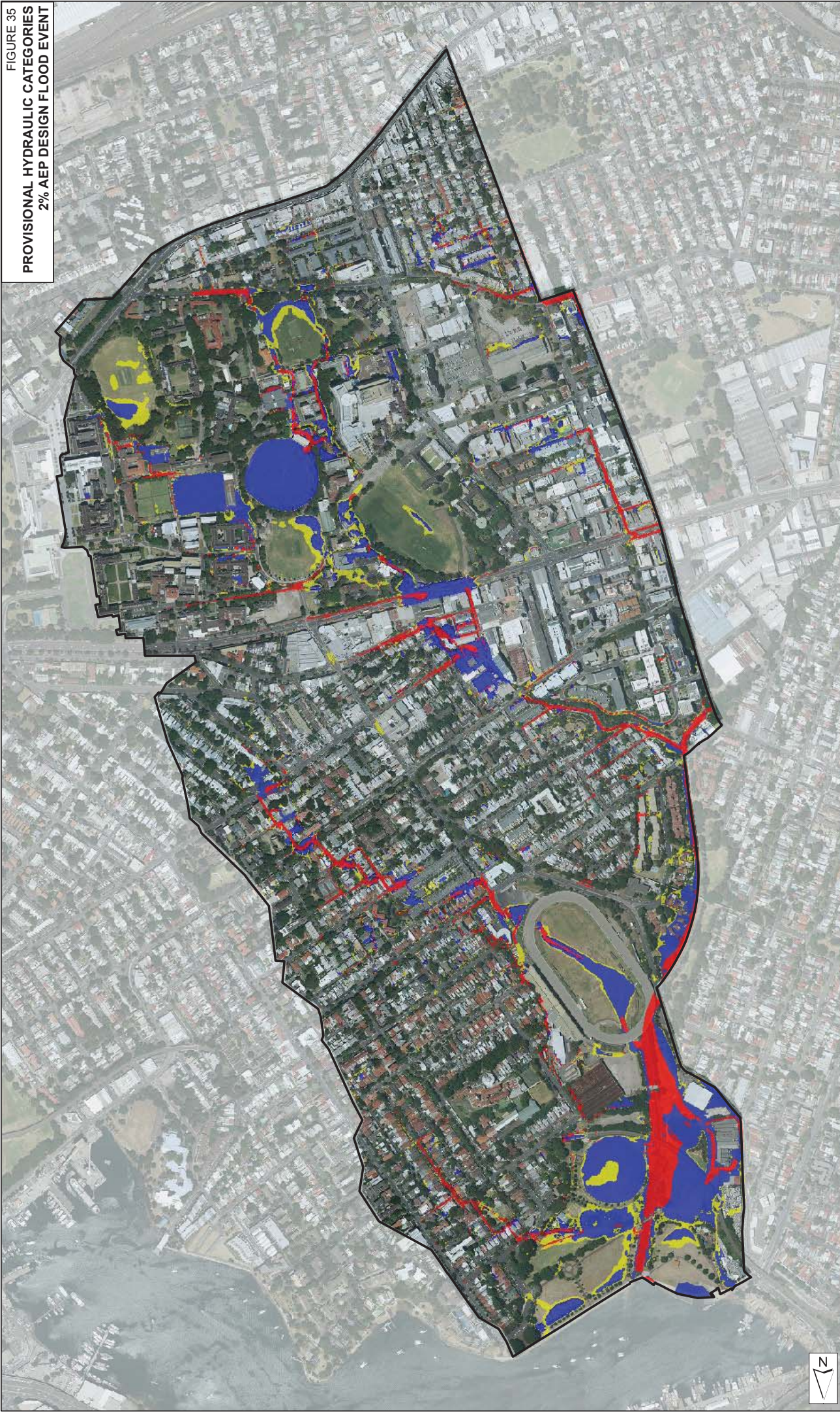
-  Study Area
- Hydraulic Categorisation**
-  Floodway
-  Flood Storage
-  Flood Fringe



*Disclaimer:*  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood effectation at individual allotments.



FIGURE 35  
**PROVISIONAL HYDRAULIC CATEGORIES**  
**2% AEP DESIGN FLOOD EVENT**

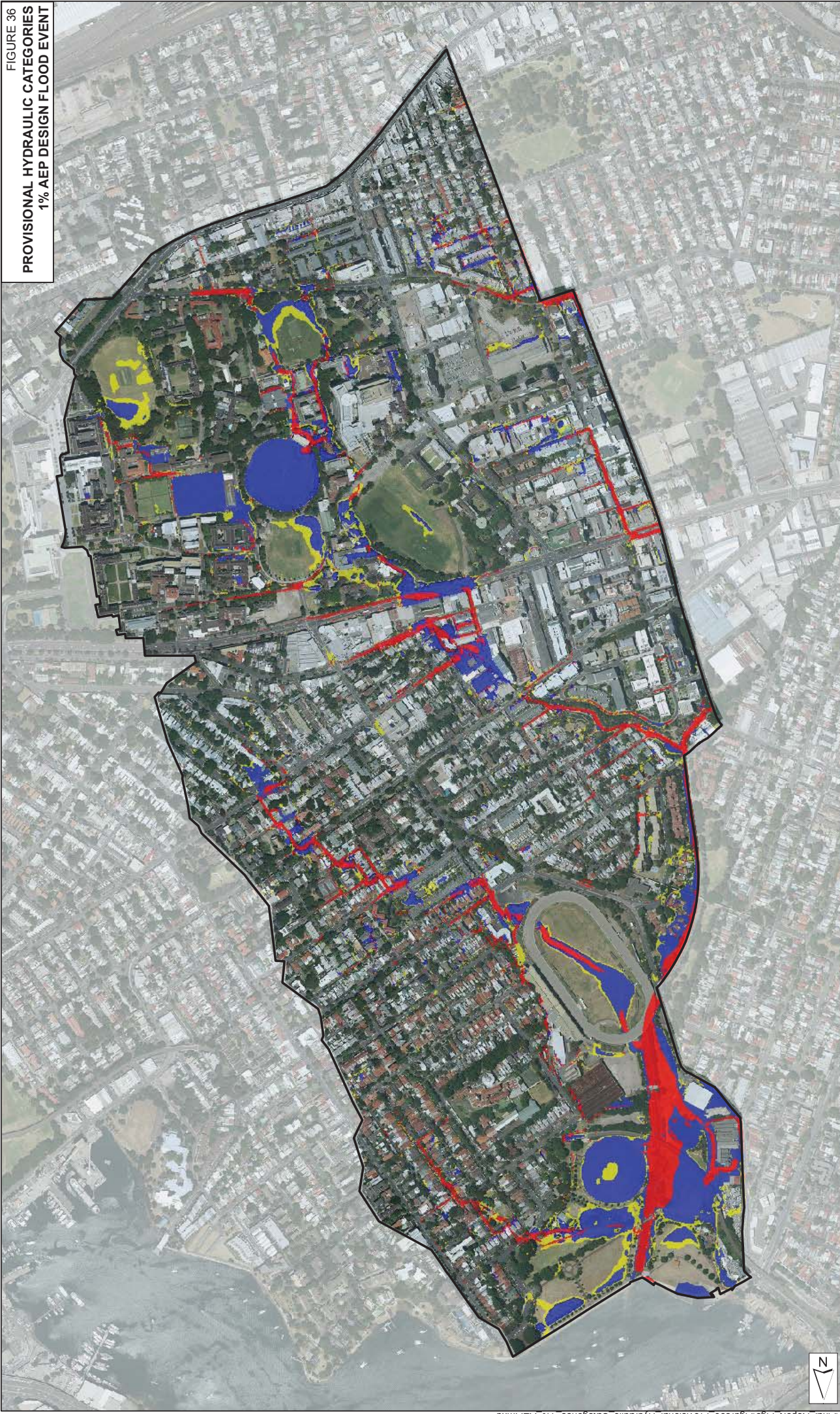


Study Area  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

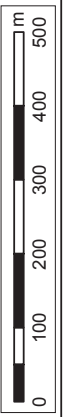
*Disclaimer:*  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood effectation at individual allotments.



FIGURE 36  
**PROVISIONAL HYDRAULIC CATEGORIES**  
**1% AEP DESIGN FLOOD EVENT**



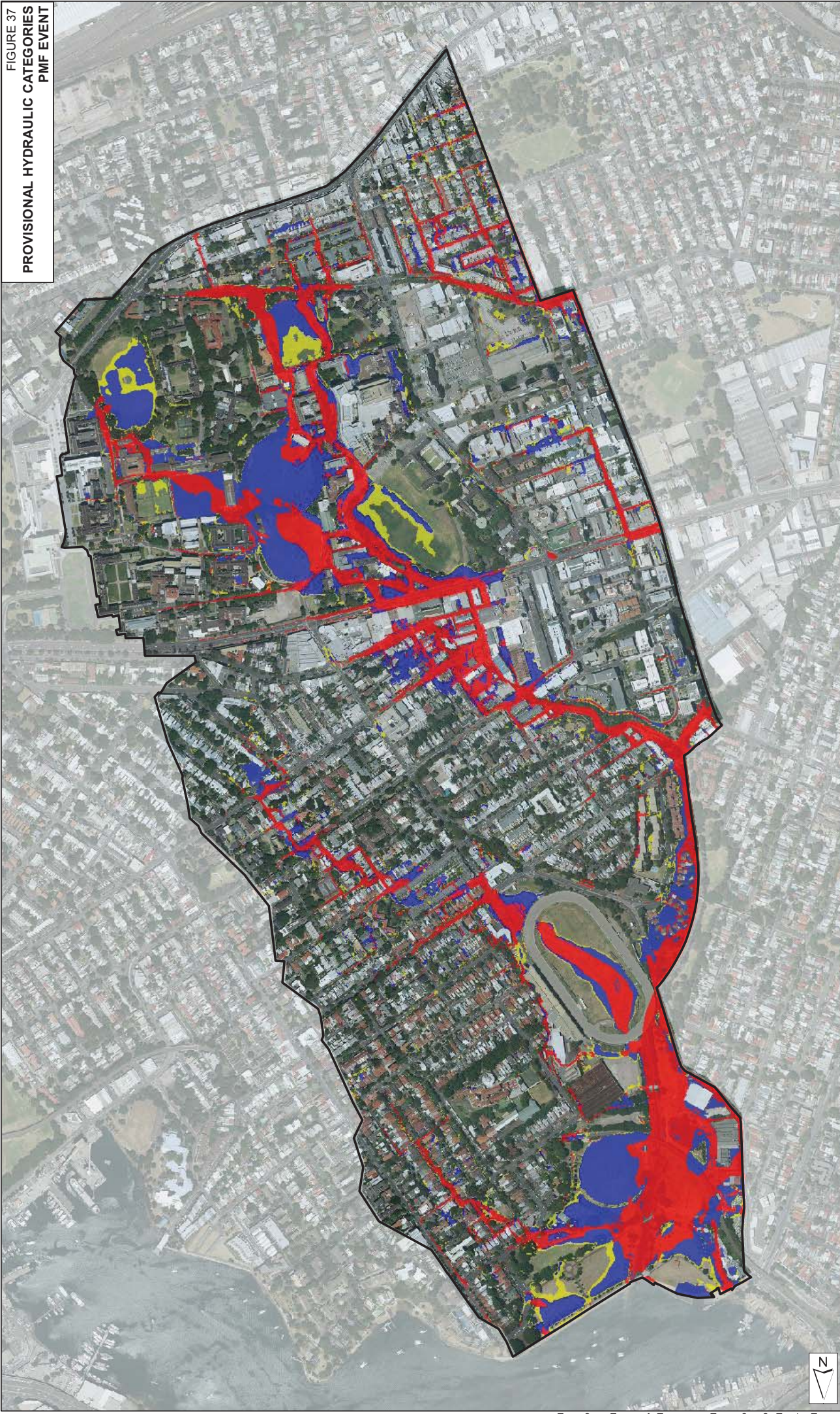
-  Study Area
- Hydraulic Categorisation**
-  Floodway
-  Flood Storage
-  Flood Fringe



*Disclaimer:*  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood effectation at individual allotments.



FIGURE 37  
**PROVISIONAL HYDRAULIC CATEGORIES  
 PMF EVENT**

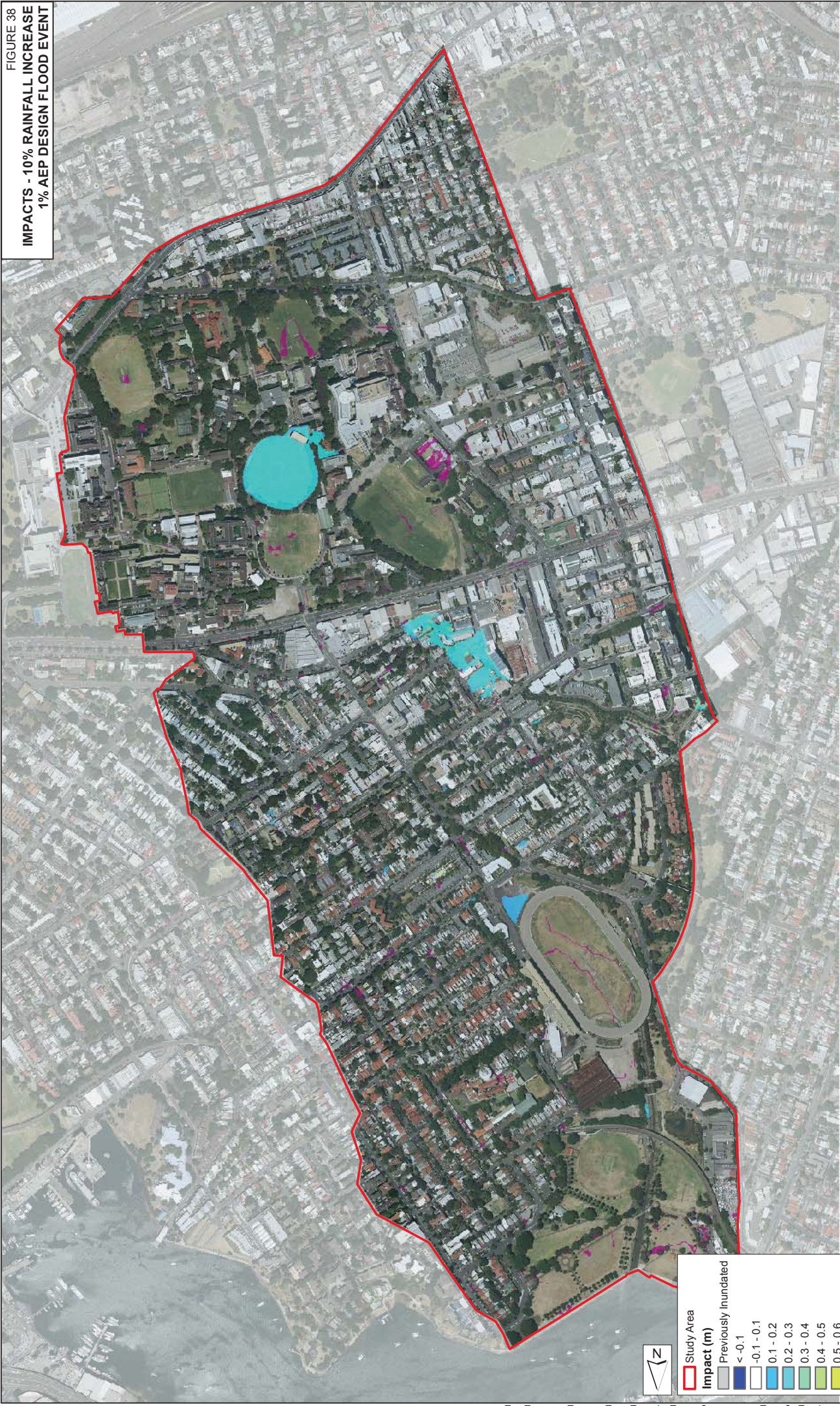


Study Area  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

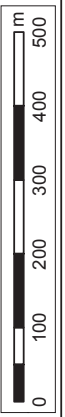
*Disclaimer:*  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood effectation at individual allotments.



FIGURE 38  
**IMPACTS - 10% RAINFALL INCREASE  
 1% AEP DESIGN FLOOD EVENT**



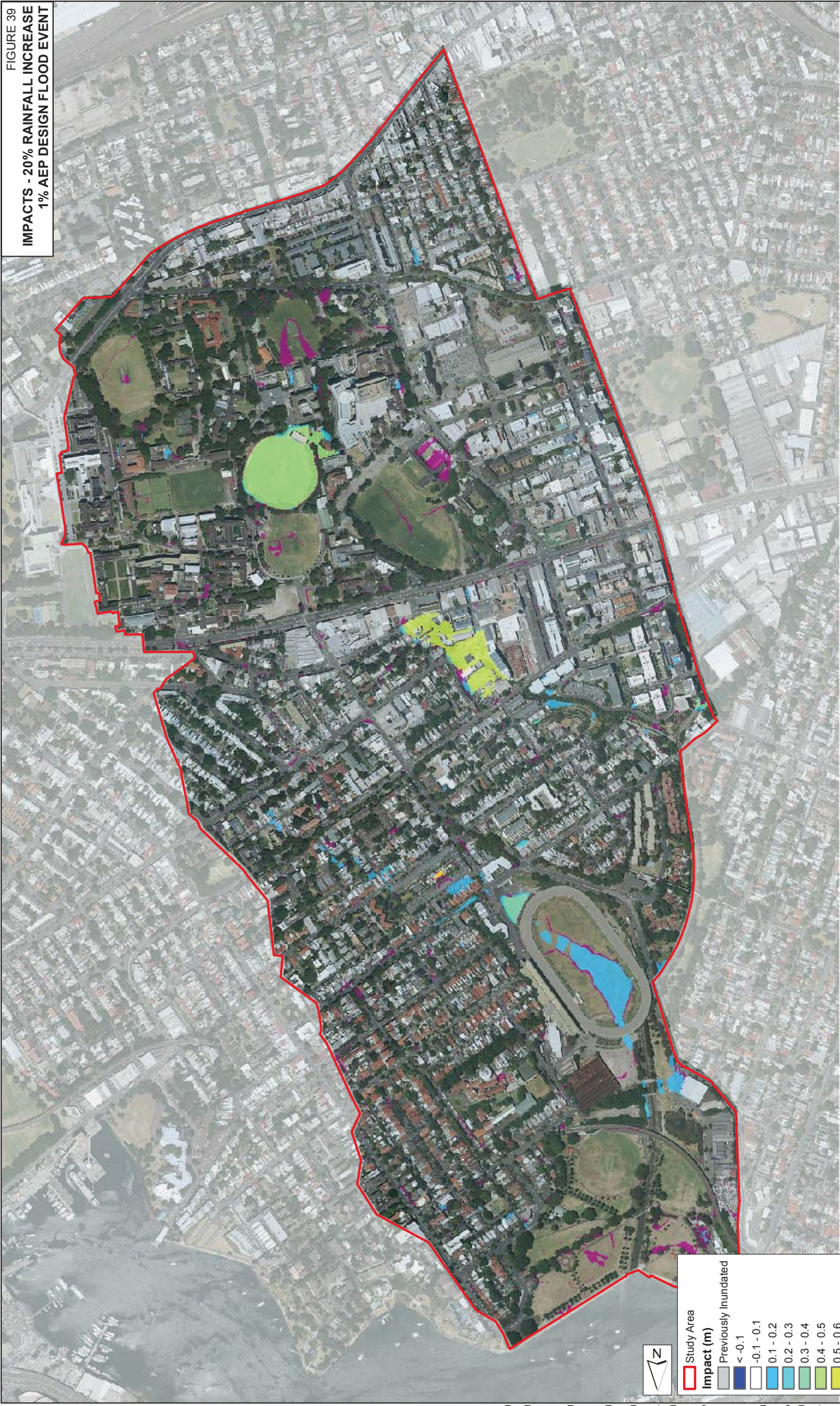
|  |                      |
|--|----------------------|
|  | Study Area           |
|  | Previously Inundated |
|  | < -0.1               |
|  | -0.1 - 0.1           |
|  | 0.1 - 0.2            |
|  | 0.2 - 0.3            |
|  | 0.3 - 0.4            |
|  | 0.4 - 0.5            |
|  | 0.5 - 0.6            |
|  | 0.6 - 0.7            |
|  | 0.7 - 0.8            |
|  | 0.8 - 1              |
|  | > 1                  |
|  | Newly Inundated      |



**Disclaimer:**  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood affectation at individual allotments.



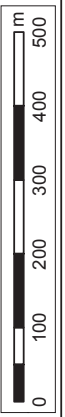
FIGURE 39  
**IMPACTS - 20% RAINFALL INCREASE  
 1% AEP DESIGN FLOOD EVENT**



**Study Area**

**Impact (m)**

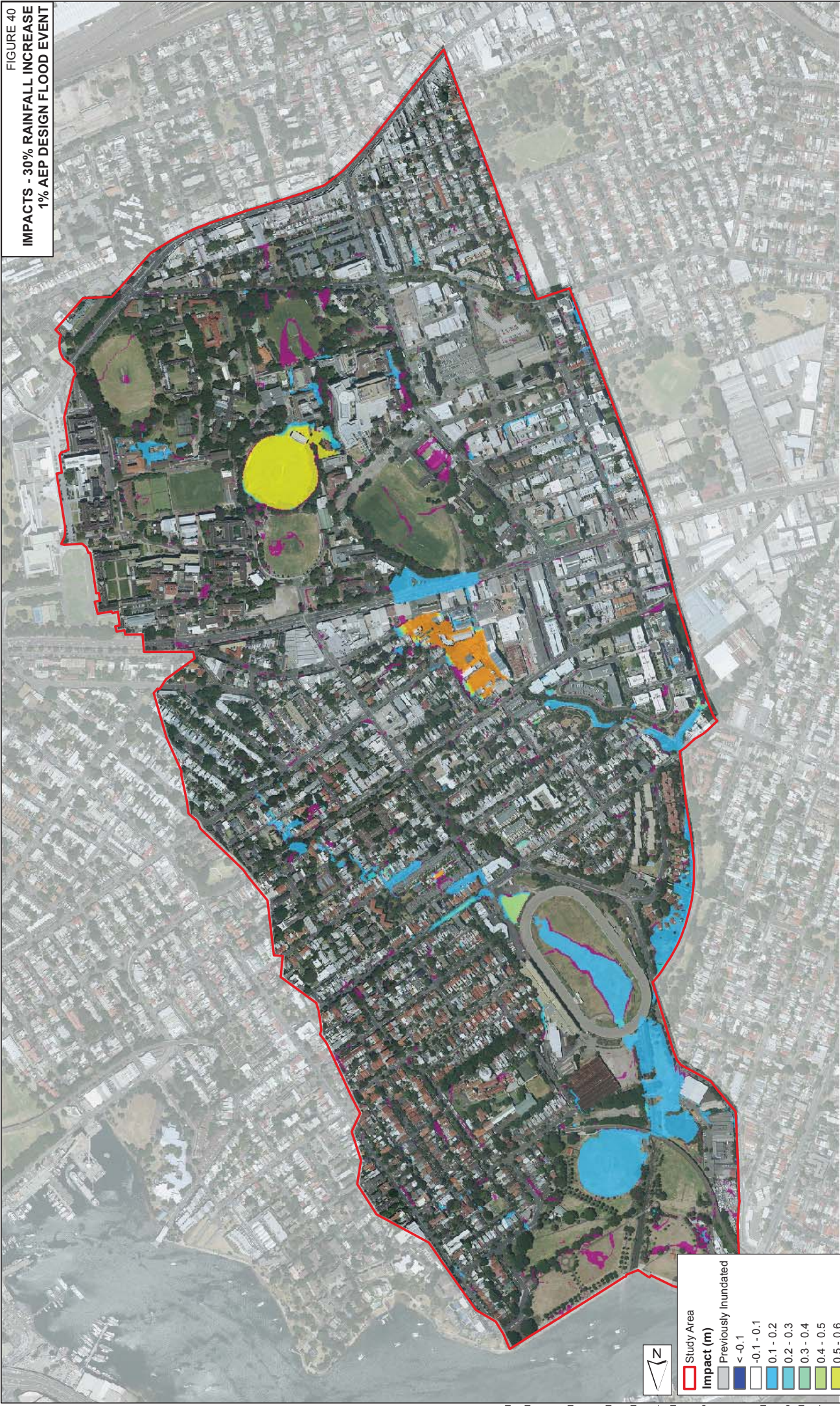
- Previously Inundated
- < -0.1
- 0.1 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- 0.8 - 1
- > 1
- Newly Inundated



**Disclaimer:**  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood affectation at individual allotments.



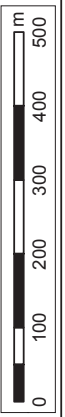
FIGURE 40  
**IMPACTS - 30% RAINFALL INCREASE  
 1% AEP DESIGN FLOOD EVENT**



**Study Area**

**Impact (m)**

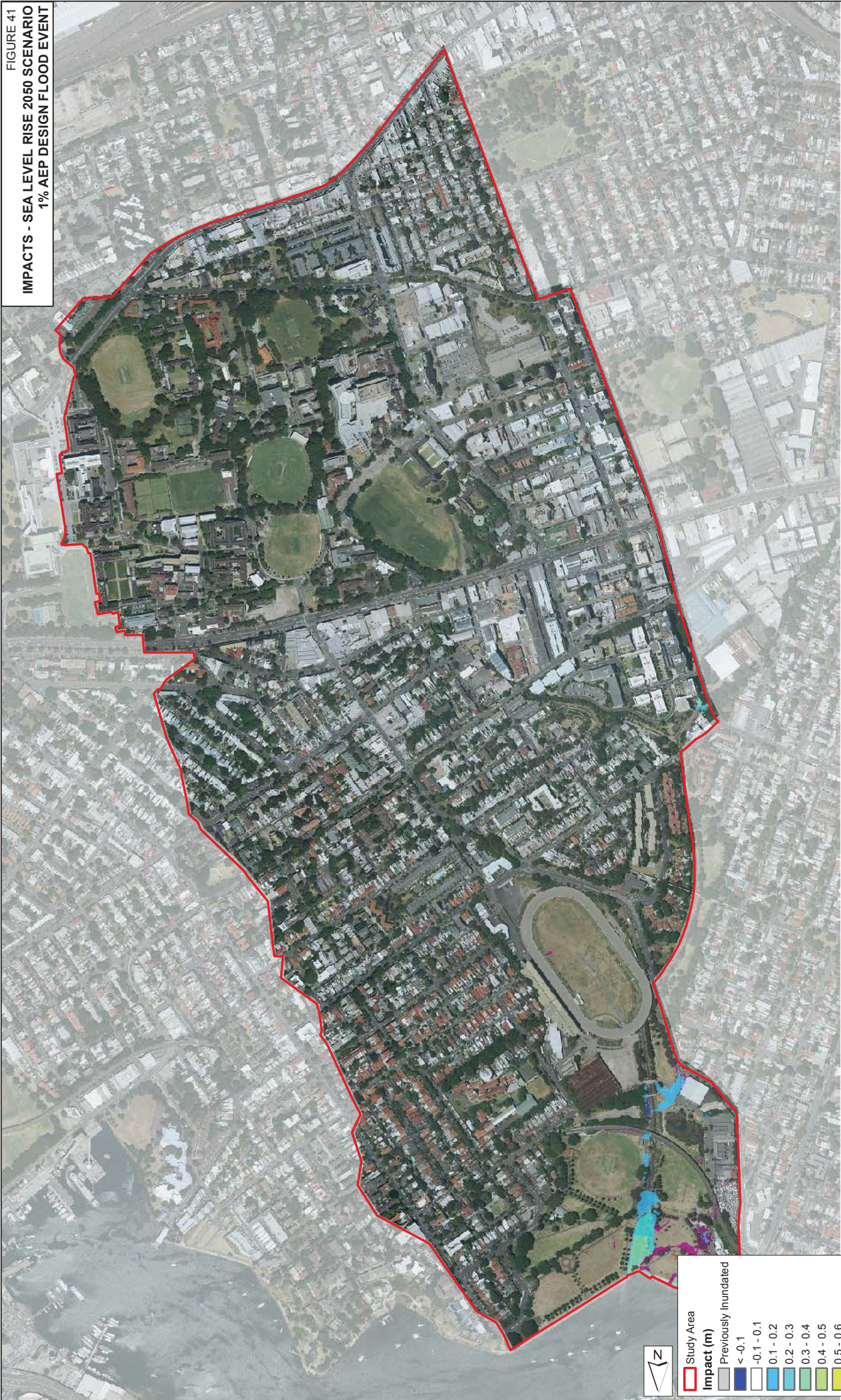
- Previously Inundated
- < -0.1
- 0.1 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- 0.8 - 1
- > 1
- Newly Inundated



**Disclaimer:**  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood affectation at individual allotments.



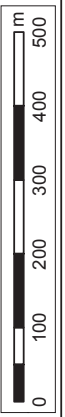
FIGURE 41  
**IMPACTS - SEA LEVEL RISE 2050 SCENARIO  
 1% AEP DESIGN FLOOD EVENT**



**Study Area**

**Impact (m)**

- Previously Inundated
- < -0.1
- 0.1 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- 0.8 - 1
- > 1
- Newly Inundated



**Disclaimer:**  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood affectation at individual allotments.



FIGURE 42  
 IMPACTS - SEA LEVEL RISE 2100 SCENARIO  
 1% AEP DESIGN FLOOD EVENT

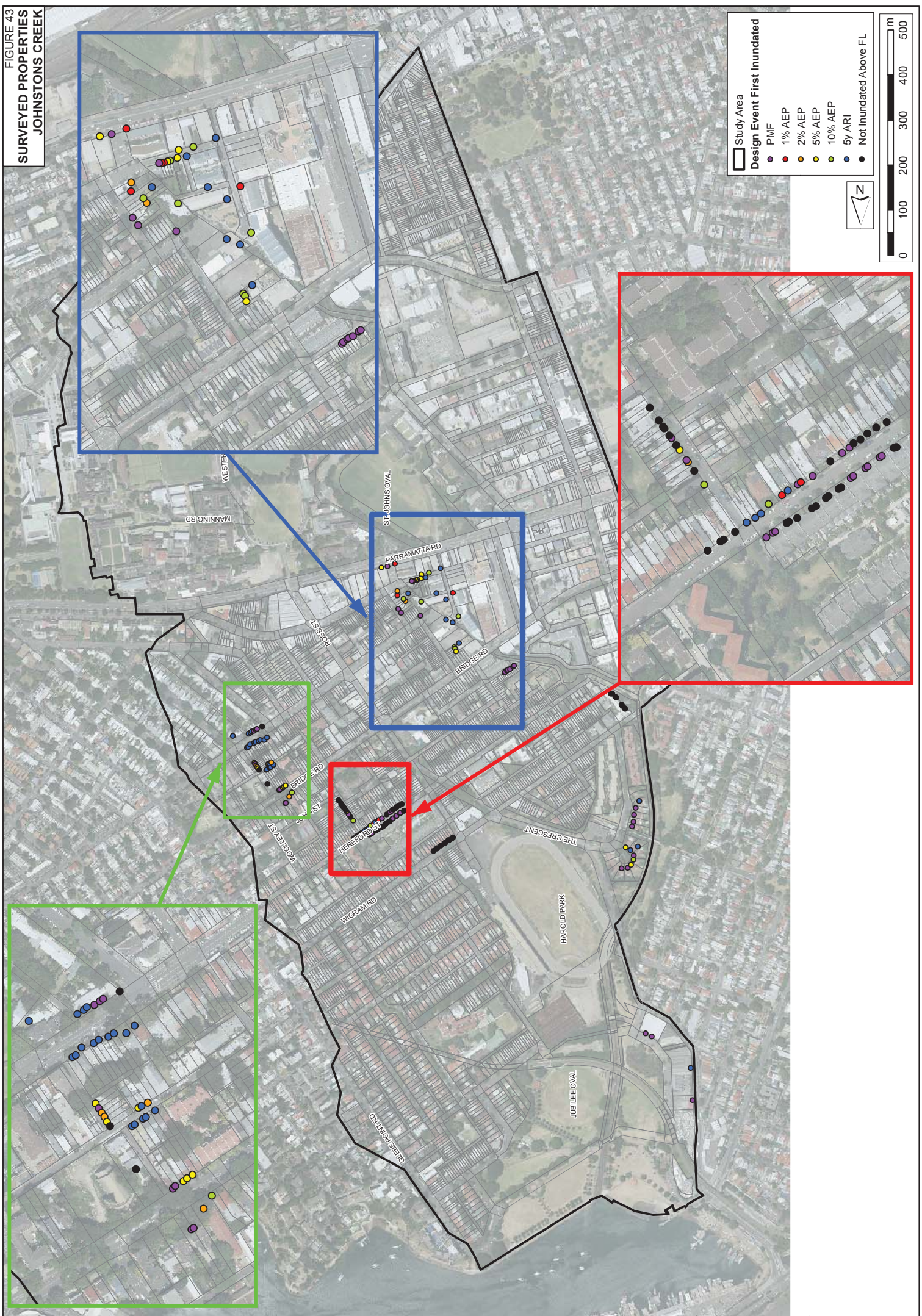


|  |                      |
|--|----------------------|
|  | Study Area           |
|  | Previously Inundated |
|  | < -0.1               |
|  | -0.1 - 0.1           |
|  | 0.1 - 0.2            |
|  | 0.2 - 0.3            |
|  | 0.3 - 0.4            |
|  | 0.4 - 0.5            |
|  | 0.5 - 0.6            |
|  | 0.6 - 0.7            |
|  | 0.7 - 0.8            |
|  | 0.8 - 1              |
|  | > 1                  |
|  | Newly Inundated      |

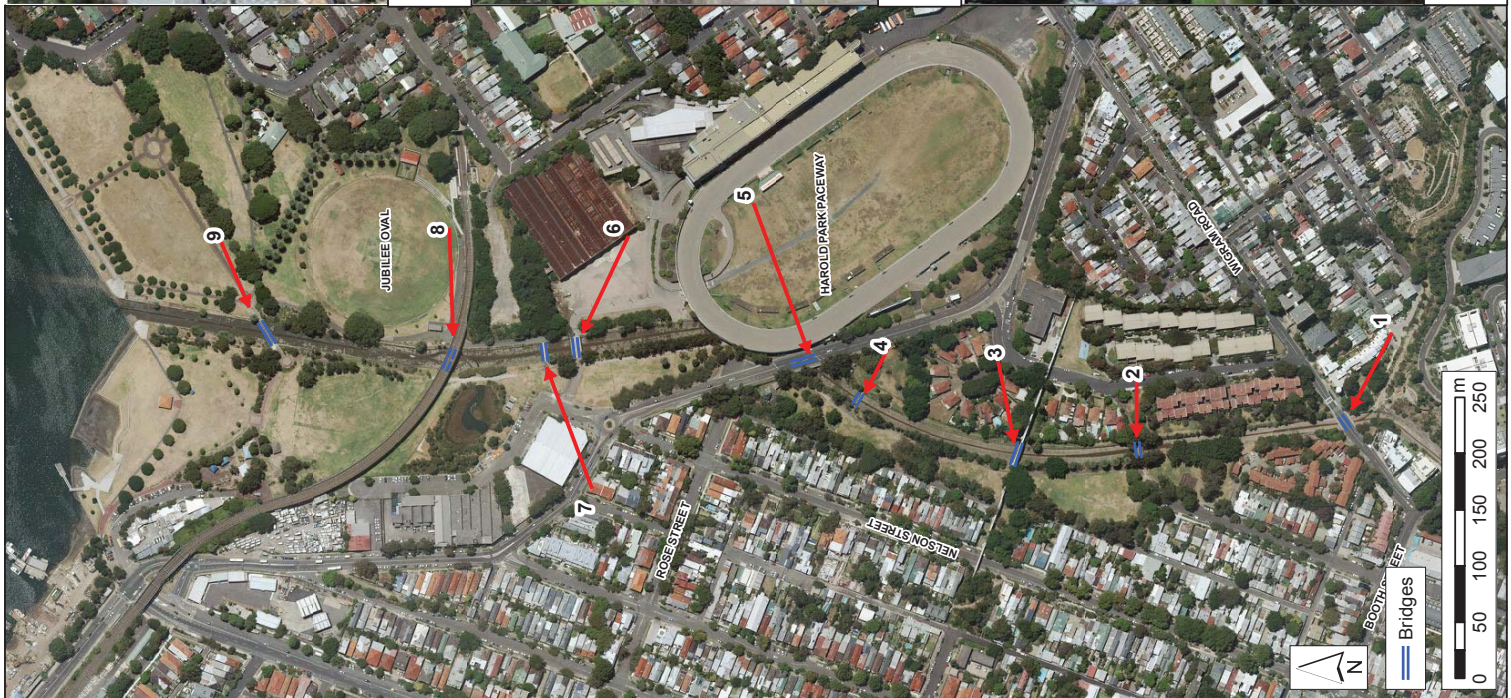
**Disclaimer:**  
 Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour within the Catchment. Inundation from local overland flow may vary slightly to the displayed design rainfall inundation patterns. Council should be consulted to confirm flood affectation at individual allotments.



FIGURE 43  
 SURVEYED PROPERTIES  
 JOHNSTONS CREEK







1: Soffit Level: 2.66 mAHD  
 Bridge Deck Level: 4.54 mAHD  
 1% AEP Peak Flood Level: 3.84 mAHD



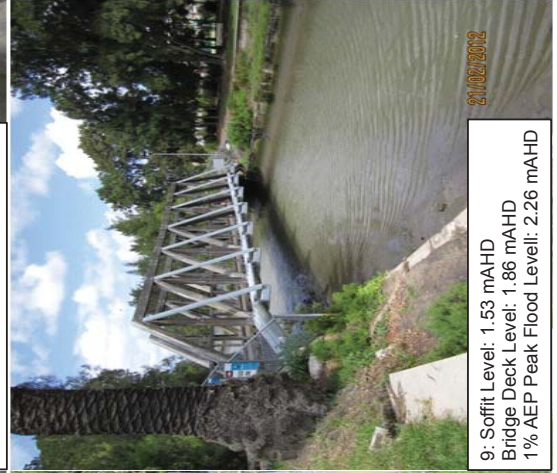
2: Soffit Level: 2.33 mAHD  
 Bridge Deck Level: 3.81 mAHD  
 1% AEP Peak Flood Level: 3.17 mAHD



3: 1% AEP Peak Flood Level: 3.05 mAHD



4: Soffit Level: 1.74 mAHD  
 Bridge Deck Level: 1.99 mAHD  
 1% AEP Peak Flood Level: 2.97 mAHD



5: Soffit Level: 2.8 mAHD  
 Bridge Deck Level: 3.79 mAHD  
 1% AEP Peak Flood Level: 2.74 mAHD



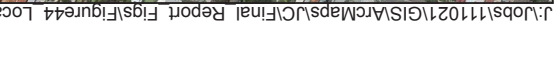
6: Soffit Level: 1.85 mAHD  
 Bridge Deck Level: 2.23 mAHD  
 1% AEP Peak Flood Level: 2.60 mAHD



7: Soffit Level: 1.58 mAHD  
 Bridge Deck Level: 1.77 mAHD  
 1% AEP Peak Flood Level: 2.50 mAHD



8: Soffit Level: 6.58 mAHD  
 Bridge Deck Level: 7.96 mAHD  
 1% AEP Peak Flood Level: 2.43 mAHD



9: Soffit Level: 1.53 mAHD  
 Bridge Deck Level: 1.86 mAHD  
 1% AEP Peak Flood Level: 2.26 mAHD

FIGURE 44  
 LOCATIONS OF BRIDGES  
 ALONG JOHNSTONS CREEK



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## APPENDIX A: GLOSSARY

Taken from the Floodplain Development Manual (April 2005 edition)

|                                     |  |
|-------------------------------------|--|
| acid sulfate soils                  | Are sediments which contain sulfidic mineral pyrite which may become extremely acid following disturbance or drainage as sulfur compounds react when exposed to oxygen to form sulfuric acid. More detailed explanation and definition can be found in the NSW Government Acid Sulfate Soil Manual published by Acid Sulfate Soil Management Advisory Committee.                       |
| Annual Exceedance Probability (AEP) | The chance of a flood of a given or larger size occurring in any one year, usually expressed as a percentage. For example, if a peak flood discharge of 500 m <sup>3</sup> /s has an AEP of 5%, it means that there is a 5% chance (that is one-in-20 chance) of a 500 m <sup>3</sup> /s or larger event occurring in any one year (see ARI).  |
| Australian Height Datum (AHD)       | A common national surface level datum approximately corresponding to mean sea level.   |
| Average Annual Damage (AAD)         | Depending on its size (or severity), each flood will cause a different amount of flood damage to a flood prone area. AAD is the average damage per year that would occur in a nominated development situation from flooding over a very long period of time.   |
| Average Recurrence Interval (ARI)   | The long term average number of years between the occurrence of a flood as big as, or larger than, the selected event. For example, floods with a discharge as great as, or greater than, the 20 year ARI flood event will occur on average once every 20 years. ARI is another way of expressing the likelihood of occurrence of a flood event.                                       |
| caravan and moveable home parks     | Caravans and moveable dwellings are being increasingly used for long-term and permanent accommodation purposes. Standards relating to their siting, design, construction and management can be found in the Regulations under the LG Act.  |
| catchment                           | The land area draining through the main stream, as well as tributary streams, to a particular site. It always relates to an area above a specific location.  |
| consent authority                   | The Council, government agency or person having the function to determine a development application for land use under the EP&A Act. The consent authority is most often the Council, however legislation or an EPI may specify a Minister or public authority (other than a Council), or the Director General of DIPNR, as having the function to determine an application.           |
| design flood                        | A hypothetical flood representing a specific likelihood of occurrence (for example the 100 year ARI or 1% AEP flood). It is a probabilistic or statistical estimate, generally being based on some form of probability analysis of flood or rainfall data.   |
| design rainfall                     | Used in the estimation of a flood or the design of a particular component or feature of a hydraulic structure. Design rainfall estimates are based on the intensity, frequency and duration of the storm bursts. The use of a design rainfall in the estimation of a flood does not imply that if such rainfall occurred at a given time, the estimated flood elevations would result. |
| development                         | Is defined in Part 4 of the Environmental Planning and Assessment Act (EP&A Act).  |
|                                     | <b>infill development:</b> refers to the development of vacant blocks of land that are   |



generally surrounded by developed properties and is permissible under the current zoning of the land. Conditions such as minimum floor levels may be imposed on infill development.

**new development:** refers to development of a completely different nature to that associated with the former land use. For example, the urban subdivision of an area previously used for rural purposes. New developments involve rezoning and typically require major extensions of existing urban services, such as roads, water supply, sewerage and electric power.

**redevelopment:** refers to rebuilding in an area. For example, as urban areas age, it may become necessary to demolish and reconstruct buildings on a relatively large scale. Redevelopment generally does not require either rezoning or major extensions to urban services.

disaster plan (DISPLAN)

A step by step sequence of previously agreed roles, responsibilities, functions, actions and management arrangements for the conduct of a single or series of connected emergency operations, with the object of ensuring the coordinated response by all agencies having responsibilities and functions in emergencies.

discharge

The rate of flow of water measured in terms of volume per unit time, for example, cubic metres per second ( $m^3/s$ ). Discharge is different from the speed or velocity of flow, which is a measure of how fast the water is moving for example, metres per second (m/s).

ecologically sustainable development (ESD)

Using, conserving and enhancing natural resources so that ecological processes, on which life depends, are maintained, and the total quality of life, now and in the future, can be maintained or increased. A more detailed definition is included in the Local Government Act 1993. The use of sustainability and sustainable in this manual relate to ESD.

effective warning time

The time available after receiving advice of an impending flood and before the floodwaters prevent appropriate flood response actions being undertaken. The effective warning time is typically used to move farm equipment, move stock, raise furniture, evacuate people and transport their possessions.

emergency management

A range of measures to manage risks to communities and the environment. In the flood context it may include measures to prevent, prepare for, respond to and recover from flooding.

flash flooding

Flooding which is sudden and unexpected. It is often caused by sudden local or nearby heavy rainfall. Often defined as flooding which peaks within six hours of the causative rain.

flood

Relatively high stream flow which overtops the natural or artificial banks in any part of a stream, river, estuary, lake or dam, and/or local overland flooding associated with major drainage before entering a watercourse, and/or coastal inundation resulting from super-elevated sea levels and/or waves overtopping coastline defences excluding tsunami.

flood awareness

Flood awareness is an appreciation of the likely effects of flooding and a knowledge of the relevant flood warning, response and evacuation procedures.

flood education

Flood education seeks to provide information to raise awareness of the flood problem so as to enable individuals to understand how to manage themselves and their property in response to flood warnings and in a flood event. It invokes a state of flood readiness.

flood fringe areas

The remaining area of flood prone land after floodway and flood storage areas have been defined.



|                                    |  |
|------------------------------------|--|
| flood liable land                  | Is synonymous with flood prone land (i.e. land susceptible to flooding by the probable maximum flood (PMF) event). Note that the term flood liable land covers the whole of the floodplain, not just that part below the flood planning level (see flood planning area).   |
| flood mitigation standard          | The average recurrence interval of the flood, selected as part of the floodplain risk management process that forms the basis for physical works to modify the impacts of flooding.  |
| floodplain                         | Area of land which is subject to inundation by floods up to and including the probable maximum flood event, that is, flood prone land.   |
| floodplain risk management options | The measures that might be feasible for the management of a particular area of the floodplain. Preparation of a floodplain risk management plan requires a detailed evaluation of floodplain risk management options.  |
| floodplain risk management plan    | A management plan developed in accordance with the principles and guidelines in this manual. Usually includes both written and diagrammatic information describing how particular areas of flood prone land are to be used and managed to achieve defined objectives.  |
| flood plan (local)                 | A sub-plan of a disaster plan that deals specifically with flooding. They can exist at State, Division and local levels. Local flood plans are prepared under the leadership of the State Emergency Service.   |
| flood planning area                | The area of land below the flood planning level and thus subject to flood related development controls. The concept of flood planning area generally supersedes the “flood liable land” concept in the 1986 Manual.  |
| Flood Planning Levels (FPLs)       | FPLs are the combinations of flood levels (derived from significant historical flood events or floods of specific AEPs) and freeboards selected for floodplain risk management purposes, as determined in management studies and incorporated in management plans. FPLs supersede the “standard flood event” in the 1986 manual.   |
| flood proofing                     | A combination of measures incorporated in the design, construction and alteration of individual buildings or structures subject to flooding, to reduce or eliminate flood damages.   |
| flood prone land                   | Is land susceptible to flooding by the Probable Maximum Flood (PMF) event. Flood prone land is synonymous with flood liable land.  |
| flood readiness                    | Flood readiness is an ability to react within the effective warning time.  |
| flood risk                         | <p>Potential danger to personal safety and potential damage to property resulting from flooding. The degree of risk varies with circumstances across the full range of floods. Flood risk in this manual is divided into 3 types, existing, future and continuing risks. They are described below.</p> <p><b>existing flood risk:</b> the risk a community is exposed to as a result of its location on the floodplain.</p> <p><b>future flood risk:</b> the risk a community may be exposed to as a result of new development on the floodplain.</p> <p><b>continuing flood risk:</b> the risk a community is exposed to after floodplain risk management measures have been implemented. For a town protected by levees, the continuing flood risk is the consequences of the levees being overtopped. For an area without any floodplain risk management measures, the continuing flood risk is simply the existence of its flood exposure.</p> |



|                         |  |
|-------------------------|--|
| flood storage areas     | Those parts of the floodplain that are important for the temporary storage of floodwaters during the passage of a flood. The extent and behaviour of flood storage areas may change with flood severity, and loss of flood storage can increase the severity of flood impacts by reducing natural flood attenuation. Hence, it is necessary to investigate a range of flood sizes before defining flood storage areas.   |
| floodway areas          | Those areas of the floodplain where a significant discharge of water occurs during floods. They are often aligned with naturally defined channels. Floodways are areas that, even if only partially blocked, would cause a significant redistribution of flood flows, or a significant increase in flood levels.   |
| freeboard               | Freeboard provides reasonable certainty that the risk exposure selected in deciding on a particular flood chosen as the basis for the FPL is actually provided. It is a factor of safety typically used in relation to the setting of floor levels, levee crest levels, etc. Freeboard is included in the flood planning level.  |
| habitable room          | <p><b>in a residential situation:</b> a living or working area, such as a lounge room, dining room, rumpus room, kitchen, bedroom or workroom.</p> <p><b>in an industrial or commercial situation:</b> an area used for offices or to store valuable possessions susceptible to flood damage in the event of a flood.</p>  |
| hazard                  | A source of potential harm or a situation with a potential to cause loss. In relation to this manual the hazard is flooding which has the potential to cause damage to the community. Definitions of high and low hazard categories are provided in the Manual.  |
| hydraulics              | Term given to the study of water flow in waterways; in particular, the evaluation of flow parameters such as water level and velocity.   |
| hydrograph              | A graph which shows how the discharge or stage/flood level at any particular location varies with time during a flood.   |
| hydrology               | Term given to the study of the rainfall and runoff process; in particular, the evaluation of peak flows, flow volumes and the derivation of hydrographs for a range of floods.   |
| local overland flooding | Inundation by local runoff rather than overbank discharge from a stream, river, estuary, lake or dam.  |
| local drainage          | Are smaller scale problems in urban areas. They are outside the definition of major drainage in this glossary.   |
| mainstream flooding     | Inundation of normally dry land occurring when water overflows the natural or artificial banks of a stream, river, estuary, lake or dam.   |
| major drainage          | <p>Councils have discretion in determining whether urban drainage problems are associated with major or local drainage. For the purpose of this manual major drainage involves:</p> <ul style="list-style-type: none"> <li>■ the floodplains of original watercourses (which may now be piped, channelised or diverted), or sloping areas where overland flows develop along alternative paths once system capacity is exceeded; and/or</li> <li>■ water depths generally in excess of 0.3 m (in the major system design storm as defined in the current version of Australian Rainfall and Runoff). These conditions may result in danger to personal safety and property damage to both premises and vehicles; and/or</li> <li>■ major overland flow paths through developed areas outside of defined drainage reserves; and/or</li> </ul> |



- the potential to affect a number of buildings along the major flow path.

**mathematical/computer models** The mathematical representation of the physical processes involved in runoff generation and stream flow. These models are often run on computers due to the complexity of the mathematical relationships between runoff, stream flow and the distribution of flows across the floodplain.

**merit approach** The merit approach weighs social, economic, ecological and cultural impacts of land use options for different flood prone areas together with flood damage, hazard and behaviour implications, and environmental protection and well being of the State's rivers and floodplains.

The merit approach operates at two levels. At the strategic level it allows for the consideration of social, economic, ecological, cultural and flooding issues to determine strategies for the management of future flood risk which are formulated into Council plans, policy and EPIs. At a site specific level, it involves consideration of the best way of conditioning development allowable under the floodplain risk management plan, local floodplain risk management policy and EPIs.

**minor, moderate and major flooding** Both the State Emergency Service and the Bureau of Meteorology use the following definitions in flood warnings to give a general indication of the types of problems expected with a flood:

**minor flooding:** causes inconvenience such as closing of minor roads and the submergence of low level bridges. The lower limit of this class of flooding on the reference gauge is the initial flood level at which landholders and townspeople begin to be flooded.

**moderate flooding:** low-lying areas are inundated requiring removal of stock and/or evacuation of some houses. Main traffic routes may be covered.

**major flooding:** appreciable urban areas are flooded and/or extensive rural areas are flooded. Properties, villages and towns can be isolated.

**modification measures** Measures that modify either the flood, the property or the response to flooding. Examples are indicated in Table 2.1 with further discussion in the Manual.

**peak discharge** The maximum discharge occurring during a flood event.

**Probable Maximum Flood (PMF)** The PMF is the largest flood that could conceivably occur at a particular location, usually estimated from probable maximum precipitation, and where applicable, snow melt, coupled with the worst flood producing catchment conditions. Generally, it is not physically or economically possible to provide complete protection against this event. The PMF defines the extent of flood prone land, that is, the floodplain. The extent, nature and potential consequences of flooding associated with a range of events rarer than the flood used for designing mitigation works and controlling development, up to and including the PMF event should be addressed in a floodplain risk management study.

**Probable Maximum Precipitation (PMP)** The PMP is the greatest depth of precipitation for a given duration meteorologically possible over a given size storm area at a particular location at a particular time of the year, with no allowance made for long-term climatic trends (World Meteorological Organisation, 1986). It is the primary input to PMF estimation.

**probability** A statistical measure of the expected chance of flooding (see AEP).

**risk** Chance of something happening that will have an impact. It is measured in terms of consequences and likelihood. In the context of the manual it is the likelihood of



|                       |  |
|-----------------------|--|
|                       | consequences arising from the interaction of floods, communities and the environment.  |
| runoff                | The amount of rainfall which actually ends up as streamflow, also known as rainfall excess.  |
| stage                 | Equivalent to water level. Both are measured with reference to a specified datum.  |
| stage hydrograph      | A graph that shows how the water level at a particular location changes with time during a flood. It must be referenced to a particular datum. |
| survey plan           | A plan prepared by a registered surveyor.  |
| water surface profile | A graph showing the flood stage at any given location along a watercourse at a particular time.  |
| wind fetch            | The horizontal distance in the direction of wind over which wind waves are generated.  |

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## APPENDIX B: IDENTIFICATION OF POTENTIAL FLOOD LIABLE BUILDINGS

### B1. Introduction

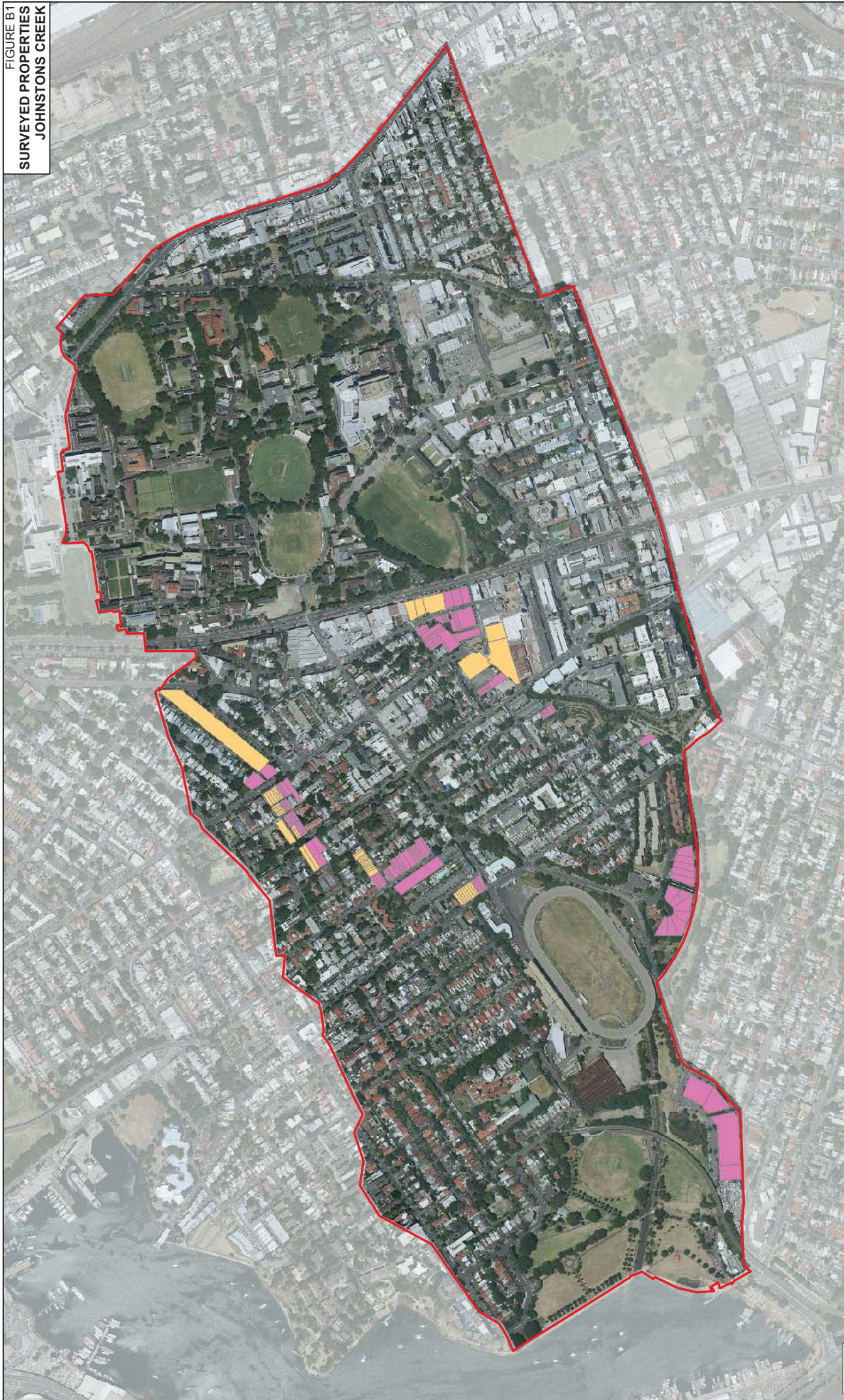
As a precursor to the future Floodplain Risk Management Study and Plan and to further investigate potentially flood liable regions within the catchment, selected properties have been surveyed to identify potential flood liable buildings. The selected properties are displayed in Figure B1 and were chosen using the two step method described below:

1. The 1% AEP design flood depth grid was inspected using a GIS program. Properties in the immediate vicinity of flood depths greater than 0.5 metres were noted as being in a flood prone region; and then
2. Using Google Earth the tagged properties were visually inspected to determine if over floor inundation may be possible during a flood event. Generally, properties that have floor levels approximately at or below the kerb level were identified as potentially flood liable and were selected for detail floor level survey.

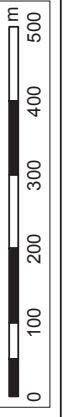
Using the surveyed floor levels and modelled design flood levels, the flood liability of the selected properties was able to be determined.



FIGURE B1  
SURVEYED PROPERTIES  
JOHNSTONS CREEK



- Study Area
- Floor Levels Surveyed (2012) - 95 Properties
- Floor Levels Surveyed (2013) - 47 Properties





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Floor Level Survey (undertaken in 2012)

| Parcel Tags as on Council Cadastre (GIS Tag) | Photo Name                      | Number of Buildings | Street Number | Street Name         | Easting (m) | Northing (m) | Indicative Ground Level (mAHD) | RESIDENTIAL BUILDING                 |   |  | NON-RESIDENTIAL BUILDING        |                           |   |
|--|---------------------------------|---------------------|---------------|---------------------|-------------|--------------|--------------------------------|--------------------------------------|---|--|---------------------------------|---------------------------|---|
|  |                                 |                     |               |                     |             |              |                                | Lowest Habitable Floor Level (m AHD) | Floor Construction Pier (P) Slab (S) Other (describe) | Type Commercial (C) Industrial (I) Public (P)        | Name and Nature of Use/Business | Lowest Floor Level (mAHD) | Floor Construction Pier (P) Slab (S) Other (describe) |
| 518477                                       | 1 Minogue Crescent.jpg          | 1                   | 1             | Minogue Crescent    | 331335.3    | 6249641.3    | 3.24                           | 3.80                                 | P   |  |                                 |                           |   |
| 518478                                       | 3 Minogue Crescent.jpg          | 1                   | 3             | Minogue Crescent    | 331333.1    | 6249627.1    | 3.22                           | 3.84                                 | P   |  |                                 |                           |   |
| 518479                                       | 5 Minogue Crescent.jpg          | 1                   | 5             | Minogue Crescent    | 331331.5    | 6249613.9    | 3.60                           | 4.10                                 | P   |  |                                 |                           |   |
| 518481                                       | 7 Minogue Crescent.jpg          | 1                   | 7             | Minogue Crescent    | 331330.4    | 6249600.7    | 3.68                           | 4.16                                 | P   |  |                                 |                           |   |
| 518482                                       | 9 Minogue Crescent.jpg          | 1                   | 9             | Minogue Crescent    | 331327.5    | 6249584.9    | 3.78                           | 3.83                                 | S   |  |                                 |                           |   |
| 519049                                       | 2 Reuss Street.jpg              | 1                   | 2             | Reuss Street        | 332155.9    | 6249521.1    | 21.10                          | 21.30                                | P   |  |                                 |                           |   |
| 519051                                       | 4 Reuss Street.jpg              | 1                   | 4             | Reuss Street        | 332152.2    | 6249517.5    | 21.10                          | 21.30                                | P   |  |                                 |                           |   |
| 519053                                       | 6 Reuss Street.jpg              | 1                   | 6             | Reuss Street        | 332148.3    | 6249514.2    | 21.10                          | 21.25                                | P   |  |                                 |                           |   |
| 519054                                       | 7 Reuss Street.jpg              | 1                   | 7             | Reuss Street        | 332163.4    | 6249489.2    | 21.67                          | 22.38                                | P   |  |                                 |                           |   |
| 519055                                       | 8 Reuss Street.jpg              | 1                   | 8             | Reuss Street        | 332144.1    | 6249511.7    | 21.10                          | 21.25                                | P   |  |                                 |                           |   |
| 519056                                       | 9 Reuss Street.jpg              | 1                   | 9             | Reuss Street        | 332159.4    | 6249486.4    | 21.63                          | 22.25                                | P   |  |                                 |                           |   |
| 519057                                       | 10 Reuss Street.jpg             | 1                   | 10            | Reuss Street        | 332140.5    | 6249508.5    | 21.10                          | 21.20                                | P   |  |                                 |                           |   |
| 519058                                       | 11 Reuss Street.jpg             | 1                   | 11            | Reuss Street        | 332155.2    | 6249483.5    | 21.68                          | 22.42                                | P   |  |                                 |                           |   |
| 519452                                       | 84 Junction Street.jpg          | 1                   | 34            | Junction Street     | 331750.6    | 6249244.9    | 12.30                          | 12.40                                | P   |  |                                 |                           |   |
| 519453                                       | 86 Junction Street.jpg          | 1                   | 36            | Junction Street     | 331748.0    | 6249248.5    | 12.30                          | 12.40                                | P   |  |                                 |                           |   |
| 519454                                       | 88 Junction Street.jpg          | 1                   | 38            | Junction Street     | 331745.7    | 6249252.0    | 12.65                          | 12.70                                | S   |  |                                 |                           |   |
| 519549                                       | 74 Westmoreland Street.jpg      | 1                   | 74            | Westmoreland Street | 332229.4    | 6249432.9    | 25.53                          | 25.58                                | S   |  |                                 |                           |   |
| 520001                                       | 107 Wigram Road.jpg             | 1                   | 107           | Wigram Road         | 331765.7    | 6249657.8    | 8.40                           | 9.12                                 | P   |  |                                 |                           |   |
| 520003                                       | 109 Wigram Road.jpg             | 1                   | 109           | Wigram Road         | 331761.7    | 6249654.8    | 8.40                           | 9.12                                 | P   |  |                                 |                           |   |
| 520005                                       | 111 Wigram Road.jpg             | 1                   | 111           | Wigram Road         | 331757.6    | 6249652.1    | 8.12                           | 9.05                                 | P   |  |                                 |                           |   |
| 520007                                       | 113 Wigram Road.jpg             | 1                   | 113           | Wigram Road         | 331752.6    | 6249648.1    | 8.12                           | 9.05                                 | P   |  |                                 |                           |   |
| 520073                                       | Unit 13, 213 Wigram Road.jpg    | 1                   | 13/213        | Wigram Road         | 331366.5    | 6249382.2    | 3.92                           | 5.78                                 | S   |  |                                 |                           |   |
|  | Unit 11, 213 Wigram Road.jpg    | 1                   | 11/213        | Wigram Road         | 331378.7    | 6249373.0    | 3.92                           | 5.78                                 | S   |  |                                 |                           |   |
|  | Unit 10, 213 Wigram Road.jpg    | 1                   | 10/213        | Wigram Road         | 331381.3    | 6249368.5    | 3.92                           | 5.79                                 | S   |  |                                 |                           |   |
|  | Unit 7, 213 Wigram Road.jpg     | 1                   | 7/213         | Wigram Road         | 331390.8    | 6249355.0    | 4.03                           | 5.77                                 | S   |  |                                 |                           |   |
|  | Unit 6, 213 Wigram Road.jpg     | 1                   | 6/213         | Wigram Road         | 331394.8    | 6249351.7    | 4.03                           | 5.77                                 | S   |  |                                 |                           |   |
|  | Unit 5, 213 Wigram Road.jpg     | 1                   | 5/213         | Wigram Road         | 331399.1    | 6249348.2    | 4.03                           | 5.77                                 | S   |  |                                 |                           |   |
|  | Unit 4, 213 Wigram Road.jpg     | 1                   | 4/213         | Wigram Road         | 331404.8    | 6249345.2    | 4.03                           | 5.76                                 | S   |  |                                 |                           |   |
| 520132                                       | 1 The Crescent - Lawsons.jpg    | 1                   | 1             | The Crescent        | 331290.6    | 6250085.1    | 2.08                           |                                      | C   | Lawsons - Auction house                              |                                 | 2.52                      | S   |
| 520133                                       | 1 The Crescent - Webbers.jpg    | 1                   | 1             | The Crescent        | 331311.9    | 6250074.4    | 2.01                           |                                      | C   | Webbers Carpet Warehouse - Carpet showroom           |                                 | 2.51                      | S   |
| 520136                                       | 7 The Crescent.jpg              | 3                   | 3             | The Crescent        | 331267.0    | 6250107.2    | 2.00                           |                                      | I   | Vacant land  |                                 | 2.05                      | S   |
| 520137                                       | 9 The Crescent.jpg              | 3                   | 9             | The Crescent        | 331238.5    | 6250178.7    | 1.99                           |                                      | I   | Security Self Storage - Self storage units           |                                 | 2.28                      | S   |
| 520201                                       | 4 Connell Place.jpg             | 1                   | 4             | Connell Place       | 331236.1    | 6250250.6    | 2.12                           |                                      | I   | P & K Accident Repair Centre - Smash repairs         |                                 | 2.52                      | S   |
| 520202                                       | 5 Connell Place.jpg             | 1                   | 5             | Connell Place       | 331374.2    | 6249741.3    | 2.57                           | 3.52                                 | P   |  |                                 |                           |   |
| 520203                                       | 6 Connell Place.jpg             | 1                   | 6             | Connell Place       | 331358.5    | 6249742.1    | 2.33                           | 3.15                                 | P   |  |                                 |                           |   |
| 520204                                       | 7 Connell Place.jpg             | 1                   | 7             | Connell Place       | 331343.2    | 6249732.3    | 2.19                           | 2.84                                 | P   |  |                                 |                           |   |
| 520205                                       | 8 Connell Place.jpg             | 1                   | 8             | Connell Place       | 331334.7    | 6249717.2    | 2.22                           | 2.79                                 | P   |  |                                 |                           |   |
| 520206                                       | 9 Connell Place.jpg             | 1                   | 9             | Connell Place       | 331332.5    | 6249698.4    | 2.90                           | 3.04                                 | P   |  |                                 |                           |   |
| 520207                                       | 9a Connell Place.jpg            | 1                   | 9a            | Connell Place       | 331349.2    | 6249687.9    | 2.97                           | 3.34                                 | P   |  |                                 |                           |   |
| 520208                                       | 10 Connell Place.jpg            | 1                   | 9b            | Connell Place       | 331350.7    | 6249674.6    | 2.15                           | 2.78                                 | P   |  |                                 |                           |   |
| 520279                                       | 1 Kimber Lane.jpg               | 1                   | 1             | Kimber Lane         | 331721.4    | 6249229.0    | 11.38                          | 3.93                                 | I   | Schein Castors & Indigenous Justice Advocacy Network |                                 | 11.88                     | S   |
| 521212                                       | Unit 1, 57 Hereford Street.jpg  | 1                   | 1/57          | Hereford Street     | 331928.4    | 6249680.5    | 12.72                          | 13.55                                | S   |  |                                 |                           |   |
|  | Unit 2, 57 Hereford Street.jpg  | 1                   | 2/57          | Hereford Street     | 331924.6    | 6249658.1    | 12.54                          | 13.56                                | S   |  |                                 |                           |   |
|  | Unit 3, 57 Hereford Street.jpg  | 1                   | 3/57          | Hereford Street     | 331920.0    | 6249655.6    | 12.54                          | 13.56                                | S   |  |                                 |                           |   |
|  | Unit 4, 57 Hereford Street.jpg  | 1                   | 4/57          | Hereford Street     | 331916.5    | 6249652.8    | 12.42                          | 13.56                                | S   |  |                                 |                           |   |
|  | Unit 5, 57 Hereford Street.jpg  | 1                   | 5/57          | Hereford Street     | 331912.1    | 6249650.3    | 12.42                          | 13.56                                | S   |  |                                 |                           |   |
|  | Unit 6, 57 Hereford Street.jpg  | 1                   | 6/57          | Hereford Street     | 331907.3    | 6249648.7    | 12.60                          | 13.57                                | S   |  |                                 |                           |   |
|  | Unit 7, 57 Hereford Street.jpg  | 1                   | 7/57          | Hereford Street     | 331901.0    | 6249644.7    | 12.57                          | 13.57                                | S   |  |                                 |                           |   |
|  | Unit 8, 57 Hereford Street.jpg  | 1                   | 8/57          | Hereford Street     | 331897.7    | 6249641.9    | 12.57                          | 13.57                                | S   |  |                                 |                           |   |
|  | Unit 9, 57 Hereford Street.jpg  | 1                   | 9/57          | Hereford Street     | 331894.2    | 6249638.3    | 12.79                          | 13.54                                | S   |  |                                 |                           |   |
|  | Unit 10, 57 Hereford Street.jpg | 1                   | 10/57         | Hereford Street     | 331890.6    | 6249635.5    | 12.80                          | 13.54                                | S   |  |                                 |                           |   |
|  | Unit 11, 57 Hereford Street.jpg | 1                   | 11/57         | Hereford Street     | 331886.6    | 6249633.3    | 12.86                          | 13.54                                | S   |  |                                 |                           |   |
|  | Unit 12, 57 Hereford Street.jpg | 1                   | 12/57         | Hereford Street     | 331882.9    | 6249630.9    | 12.88                          | 13.54                                | S   |  |                                 |                           |   |
|  | Unit 13, 57 Hereford Street.jpg | 1                   | 13/57         | Hereford Street     | 331879.4    | 6249628.2    | 13.05                          | 13.45                                | S   |  |                                 |                           |   |
|  | Unit 14, 57 Hereford Street.jpg | 1                   | 14/57         | Hereford Street     | 331874.7    | 6249623.3    | 13.05                          | 13.45                                | S   |  |                                 |                           |   |
|  | Unit 15, 57 Hereford Street.jpg | 1                   | 15/57         | Hereford Street     | 331870.1    | 6249620.4    | 13.16                          | 13.47                                | S   |  |                                 |                           |   |
|  | Unit 16, 57 Hereford Street.jpg | 1                   | 16/57         | Hereford Street     | 331866.4    | 6249617.6    | 13.16                          | 13.47                                | S   |  |                                 |                           |   |
|  | Unit 17, 57 Hereford Street.jpg | 1                   | 17/57         | Hereford Street     | 331862.3    | 6249614.3    | 13.34                          | 13.47                                | S   |  |                                 |                           |   |
|  | Unit 18, 57 Hereford Street.jpg | 1                   | 18/57         | Hereford Street     | 331857.8    | 6249611.8    | 13.34                          | 13.47                                | S   |  |                                 |                           |   |
|  | Unit 19, 57 Hereford Street.jpg | 1                   | 19/57         | Hereford Street     | 331853.8    | 6249609.3    | 13.50                          | 14.16                                | S   |  |                                 |                           |   |
|  | Unit 20, 57 Hereford Street.jpg | 1                   | 20/57         | Hereford Street     | 331849.9    | 6249606.7    | 13.50                          | 14.15                                | S   |  |                                 |                           |   |



| Parcel Tags as on Council Cadastre (GIS Tag) | Photo Name           | Number of Buildings | Street Number | Street Name      | Easting (m) | Northing (m) | Indicative Ground Level (mAHD) | RESIDENTIAL BUILDING                 |   | NON-RESIDENTIAL BUILDING                 |  | Floor Construction Pier (P) Slab (S) Other (describe) | Type Commercial (C) Industrial (I) Public (P) | Name and Nature of Use/Business | Lowest Floor Level (mAHD) | Floor Construction Pier (P) Slab (S) Other (describe) |
|--|----------------------|---------------------|---------------|------------------|-------------|--------------|--------------------------------|--------------------------------------|---|--|--|---|---|---------------------------------|---------------------------|---|
|  |                      |                     |               |                  |             |              |                                | Lowest Habitable Floor Level (m AHD) | Floor Construction Pier (P) Slab (S) Other (describe) |  |  |   |   |                                 |                           |   |
| 52122570                                     | Hereford Street.jpg  | 1                   | 70            | Hereford Street  | 331973.3    | 6249648.8    | 15.16                          | 15.47                                | P   |  |  |   |   |                                 |                           |   |
| 52122672                                     | Hereford Street.jpg  | 1                   | 72            | Hereford Street  | 331988.7    | 6249645.9    | 14.14                          | 14.89                                | P   |  |  |   |   |                                 |                           |   |
| 52122774                                     | Hereford Street.jpg  | 1                   | 74            | Hereford Street  | 331984.2    | 6249642.5    | 14.14                          | 14.36                                | P   |  |  |   |   |                                 |                           |   |
| 52123476                                     | Hereford Street.jpg  | 1                   | 76            | Hereford Street  | 331969.8    | 6249639.4    | 13.04                          | 13.95                                | P   |  |  |   |   |                                 |                           |   |
| 52123778                                     | Hereford Street.jpg  | 1                   | 78            | Hereford Street  | 331948.7    | 6249633.1    | 12.61                          | 12.84                                | P   |  |  |   |   |                                 |                           |   |
| 52123880                                     | Hereford Street.jpg  | 1                   | 80            | Hereford Street  | 331945.0    | 6249632.3    | 12.51                          | 12.79                                | P   |  |  |   |   |                                 |                           |   |
| 52123982                                     | Hereford Street.jpg  | 1                   | 82            | Hereford Street  | 331942.9    | 6249629.5    | 12.48                          | 12.80                                | P   |  |  |   |   |                                 |                           |   |
| 52124084                                     | Hereford Street.jpg  | 1                   | 84            | Hereford Street  | 331936.3    | 6249626.2    | 12.41                          | 13.06                                | P   |  |  |   |   |                                 |                           |   |
| 52124186                                     | Hereford Street.jpg  | 1                   | 86            | Hereford Street  | 331931.8    | 6249618.2    | 12.56                          | 13.21                                | P   |  |  |   |   |                                 |                           |   |
| 52124388                                     | Hereford Street.jpg  | 1                   | 88            | Hereford Street  | 331927.3    | 6249614.6    | 12.66                          | 12.95                                | P   |  |  |   |   |                                 |                           |   |
| 52124590                                     | Hereford Street.jpg  | 1                   | 90            | Hereford Street  | 331922.9    | 6249611.0    | 12.68                          | 13.27                                | P   |  |  |   |   |                                 |                           |   |
| 52124792                                     | Hereford Street.jpg  | 1                   | 92            | Hereford Street  | 331919.2    | 6249608.4    | 12.74                          | 13.25                                | P   |  |  |   |   |                                 |                           |   |
| 52125194                                     | Hereford Street.jpg  | 1                   | 94            | Hereford Street  | 331913.0    | 6249604.8    | 12.83                          | 13.27                                | P   |  |  |   |   |                                 |                           |   |
| 52125396                                     | Hereford Street.jpg  | 1                   | 96            | Hereford Street  | 331903.1    | 6249597.9    | 12.86                          | 13.78                                | P   |  |  |   |   |                                 |                           |   |
| 52125598                                     | Hereford Street.jpg  | 1                   | 98            | Hereford Street  | 331894.9    | 6249592.8    | 13.06                          | 13.32                                | P   |  |  |   |   |                                 |                           |   |
| 521257100                                    | Hereford Street.jpg  | 1                   | 100           | Hereford Street  | 331890.9    | 6249590.1    | 13.06                          | 13.43                                | P   |  |  |   |   |                                 |                           |   |
| 521260102                                    | Hereford Street.jpg  | 1                   | 102           | Hereford Street  | 331887.0    | 6249587.1    | 13.07                          | 15.35                                | P   |  |  |   |   |                                 |                           |   |
| 521262104                                    | Hereford Street.jpg  | 1                   | 104           | Hereford Street  | 331883.2    | 6249584.0    | 13.13                          | 15.38                                | P   |  |  |   |   |                                 |                           |   |
| 521264106                                    | Hereford Street.jpg  | 1                   | 106           | Hereford Street  | 331880.5    | 6249579.2    | 13.24                          | 15.40                                | P   |  |  |   |   |                                 |                           |   |
| 521266108                                    | Hereford Street.jpg  | 1                   | 108           | Hereford Street  | 331875.3    | 6249574.3    | 13.45                          | 15.67                                | P   |  |  |   |   |                                 |                           |   |
| 521268110                                    | Hereford Street.jpg  | 1                   | 110           | Hereford Street  | 331870.0    | 6249570.0    | 13.68                          | 15.70                                | P   |  |  |   |   |                                 |                           |   |
| 52160033                                     | Foss Street.jpg      | 1                   | 33            | Foss Street      | 331628.2    | 6249302.3    | 11.16                          | 11.62                                | P   |  |  |   |   |                                 |                           |   |
| 52160135                                     | Foss Street.jpg      | 1                   | 35            | Foss Street      | 331625.2    | 6249300.0    | 10.77                          | 11.32                                | P   |  |  |   |   |                                 |                           |   |
| 52160237                                     | Foss Street.jpg      | 1                   | 37            | Foss Street      | 331622.0    | 6249297.6    | 10.31                          | 10.70                                | P   |  |  |   |   |                                 |                           |   |
| 52160339                                     | Foss Street.jpg      | 1                   | 39            | Foss Street      | 331619.3    | 6249295.3    | 9.87                           | 10.32                                | P   |  |  |   |   |                                 |                           |   |
| 52160441                                     | Foss Street.jpg      | 1                   | 41            | Foss Street      | 331616.2    | 6249292.9    | 9.37                           | 9.68                                 | P   |  |  |   |   |                                 |                           |   |
| 52160543                                     | Foss Street.jpg      | 1                   | 43            | Foss Street      | 331610.7    | 6249289.7    | 8.45                           | 8.83                                 | P   |  |  |   |   |                                 |                           |   |
| 52160645                                     | Foss Street.jpg      | 1                   | 45            | Foss Street      | 331605.3    | 6249286.1    | 7.99                           | 8.46                                 | P   |  |  |   |   |                                 |                           |   |
| 521731166                                    | Bridge Road.jpg      | 1                   | 166           | Bridge Road      | 332131.9    | 6249538.9    | 20.75                          | 21.15                                | P   |  |  |   |   |                                 |                           |   |
| 521733168                                    | Bridge Road.jpg      | 1                   | 168           | Bridge Road      | 332128.3    | 6249535.8    | 20.84                          | 21.15                                | P   |  |  |   |   |                                 |                           |   |
| 521735170                                    | Bridge Road.jpg      | 1                   | 170           | Bridge Road      | 332124.2    | 6249533.0    | 20.83                          | 21.16                                | P   |  |  |   |   |                                 |                           |   |
| 521747183                                    | Bridge Road.jpg      | 1                   | 183           | Bridge Road      | 332096.3    | 6249590.7    | 20.95                          | 21.21                                | S   |  |  |   |   |                                 |                           |   |
| 521749185a                                   | Bridge Road.jpg      | 1                   | 185a          | Bridge Road      | 332093.4    | 6249574.9    | 20.68                          | 21.07                                | P   |  |  |   |   |                                 |                           |   |
| 5218822                                      | Short Street.jpg     | 1                   | 2             | Short Street     | 331860.0    | 6249149.7    | 14.17                          | 15.37                                | P   |  |  |   |   |                                 |                           |   |
| 5218834                                      | Short Street.jpg     | 1                   | 2a            | Short Street     | 331822.4    | 6249144.8    | 12.00                          | 12.48                                | S   |  |  |   |   |                                 |                           |   |
| 5218854                                      | Short Street.jpg     | 1                   | 4             | Short Street     | 331857.6    | 6249147.1    | 14.35                          | 15.35                                | P   |  |  |   |   |                                 |                           |   |
| 5218866                                      | Short Street.jpg     | 1                   | 6             | Short Street     | 331850.7    | 6249134.6    | 13.06                          | 13.27                                | P   |  |  |   |   |                                 |                           |   |
| 5218878                                      | Short Street.jpg     | 2                   | 8             | Short Street     | 331853.0    | 6249131.0    | 11.30                          | 11.40                                | S   |  |  |   |   |                                 |                           |   |
| 52188810                                     | Short Street.jpg     | 1                   | 10            | Short Street     | 331857.2    | 6249125.9    | 12.05                          | 12.27                                | S   |  |  |   |   |                                 |                           |   |
| 52188912                                     | Short Street.jpg     | 1                   | 12            | Short Street     | 331873.6    | 6249127.4    | 12.00                          | 12.75                                | P   |  |  |   |   |                                 |                           |   |
| 52189016                                     | Short Street.jpg     | 1                   | 16            | Short Street     | 331876.8    | 6249121.2    | 12.89                          | 13.38                                | P   |  |  |   |   |                                 |                           |   |
| 52212111                                     | St Johns Road.jpg    | 1                   | 111           | St Johns Road    | 332170.8    | 6249458.7    | 22.50                          | 23.14                                | P   |  |  |   |   |                                 |                           |   |
| 522123113                                    | St Johns Road.jpg    | 1                   | 113           | St Johns Road    | 332166.8    | 6249457.5    | 22.50                          | 23.16                                | P   |  |  |   |   |                                 |                           |   |
| 522125115                                    | St Johns Road.jpg    | 1                   | 115           | St Johns Road    | 332181.2    | 6249453.4    | 23.55                          | 23.67                                | P   |  |  |   |   |                                 |                           |   |
| 522127117                                    | St Johns Road.jpg    | 1                   | 117           | St Johns Road    | 332145.3    | 6249458.1    | 23.52                          | 23.67                                | P   |  |  |   |   |                                 |                           |   |
| 522245256                                    | St Johns Road.jpg    | 1                   | 256           | St Johns Road    | 331827.4    | 6249159.2    | 14.07                          | 14.62                                | P   |  |  |   |   |                                 |                           |   |
| 52386472-76                                  | Pararamatta Road.jpg | 1                   | 72 to 76      | Pararamatta Road | 331821.8    | 6249061.4    | 15.01                          |                                      | C   | Javanese Collection - Furniture store    |  |   | 15.40   | S                               |                           |   |
| 52386778                                     | Pararamatta Road.jpg | 1                   | 78            | Pararamatta Road | 331804.1    | 6249056.9    | 16.28                          |                                      | C   | Emona Instruments - Equipment re-seller  |  |   | 16.51   | S                               |                           |   |
| 52386880                                     | Pararamatta Road.jpg | 1                   | 80            | Pararamatta Road | 331786.9    | 6249052.6    | 18.25                          |                                      | C   | Vacant (formerly Boons Office Furniture) |  |   | 18.63   | S                               |                           |   |
| 52903812-14                                  | Lairkin Street.jpg   | 1                   | 12 to 14      | Lairkin Street   | 331782.0    | 6249133.6    | 10.10                          |                                      | I   | Not Known                                |  |   | 11.79   | S                               |                           |   |
| 53132912                                     | Sparkes Street.jpg   | 1                   | 12            | Sparkes Street   | 331803.6    | 6249105.1    | 15.55                          | 15.78                                | P   |  |  |   |   |                                 |                           |   |
| 53133014                                     | Sparkes Street.jpg   | 1                   | 14            | Sparkes Street   | 331810.8    | 6249111.8    | 14.88                          | 14.94                                | P   |  |  |   |   |                                 |                           |   |
| 53133218                                     | Sparkes Street.jpg   | 1                   | 18            | Sparkes Street   | 331823.5    | 6249098.2    | 12.20                          | 14.32                                | P   |  |  |   |   |                                 |                           |   |
| 53133320                                     | Sparkes Street.jpg   | 1                   | 20            | Sparkes Street   | 331826.3    | 6249098.7    | 12.20                          | 14.34                                | P   |  |  |   |   |                                 |                           |   |
| 53133422                                     | Sparkes Street.jpg   | 1                   | 22            | Sparkes Street   | 331829.8    | 6249099.5    | 12.20                          | 13.97                                | P   |  |  |   |   |                                 |                           |   |
| 53133524                                     | Sparkes Street.jpg   | 1                   | 24            | Sparkes Street   | 331832.8    | 6249100.4    | 12.20                          | 13.95                                | P   |  |  |   |   |                                 |                           |   |
| 53133626                                     | Sparkes Street.jpg   | 1                   | 26            | Sparkes Street   | 331840.7    | 6249101.3    | 12.40                          | 14.90                                | P   |  |  |   |   |                                 |                           |   |
| 612303146                                    | St Johns Road.jpg    | 1                   | 146           | St Johns Road    | 332201.3    | 6249426.1    | 24.87                          | 25.18                                | P   |  |  |   |   |                                 |                           |   |
| 148  | St Johns Road.jpg    | 1                   | 148           | St Johns Road    | 332197.5    | 6249424.2    | 25.10                          | 25.16                                | P   |  |  |   |   |                                 |                           |   |
| 150  | St Johns Road.jpg    | 1                   | 150           | St Johns Road    | 332193.6    | 6249422.2    | 25.09                          | 25.17                                | P   |  |  |   |   |                                 |                           |   |
| 152  | St Johns Road.jpg    | 1                   | 152           | St Johns Road    | 332190.3    | 6249419.7    | 25.33                          | 25.69                                | P   |  |  |   |   |                                 |                           |   |
| 154  | St Johns Road.jpg    | 1                   | 154           | St Johns Road    | 332186.5    | 6249417.7    | 25.31                          | 25.69                                | P   |  |  |   |   |                                 |                           |   |
| 156  | St Johns Road.jpg    | 1                   | 156           | St Johns Road    | 332182.8    | 6249415.2    | 25.60                          | 25.70                                | P   |  |  |   |   |                                 |                           |   |
| 158  | St Johns Road.jpg    | 1                   | 158           | St Johns Road    | 332177.0    | 6249412.8    | 26.24                          | 26.61                                | P   |  |  |   |   |                                 |                           |   |
| 6163116-20                                   | Lairkin Street.jpg   | 1                   | 16 to 20      | Lairkin Street   | 331784.9    | 6249099.4    | 10.94                          | 12.02                                | S   |  |  |   |   |                                 |                           |   |



Floor Level Survey (undertaken in 2013)

| Parcel Tags as on Council Cadastre (GIS Tag) | Photo Name             | Number of Buildings | Street Number | Street Name     | Easting (m) | Northing (m) | Indicative Ground Level (mAHD) | RESIDENTIAL BUILDING                 |   |   | NON-RESIDENTIAL BUILDING                                      |                     |   |
|--|------------------------|---------------------|---------------|-----------------|-------------|--------------|--------------------------------|--------------------------------------|---|---|---|---------------------|---|
|  |                        |                     |               |                 |             |              |                                | Lowest Habitable Floor Level (m AHD) | Floor Construction Pier (P) Slab (S) Other (describe) | Type Commercial (C) Industrial (I) Public (P) | Name and Nature of Use/Business                               | Lowest Level (mAHD) | Floor Construction Pier (P) Slab (S) Other (describe) |
| 629681                                       | 160 Bridge Road        |                     | 160           | Bridge Road     | 332144.2    | 2649565.4    | 10.27                          | 10.78                                | S   |   |   |                     |   |
| 521728                                       | 162 Bridge Road        |                     | 162           | Bridge Road     | 332131.1    | 6249556.3    | 10.01                          | 10.42                                | S   |   |   |                     |   |
| 521730                                       | 164 Bridge Road        |                     | 164           | Bridge Road     | 332129.3    | 6249555.0    | 10.01                          | 10.42                                | S   |   |   |                     |   |
| 521743                                       | 179 Bridge Road        |                     | 179           | Bridge Road     | 332130.5    | 6249576.2    | 9.98                           | 10.57                                | S   |   |   |                     |   |
| 521745                                       | 181 Bridge Road        |                     | 181           | Bridge Road     | 332120.0    | 6249569.3    | 9.98                           | 10.57                                | S   |   |   |                     |   |
| 521860                                       | 1A Hegarty Street      |                     | 1A            | Hegarty Street  | 331967.0    | 6249623.0    | 14.00                          | 14.30                                | S   | R   | Bottom Floor of 3 Storey Brick Flats                          |                     |   |
| 521859                                       | 1 Hegarty Street       |                     | 1             | Hegarty Street  | 331973.6    | 6249615.6    | 14.55                          | 14.99                                | S   |   |   |                     |   |
| 521863                                       | 3 Hegarty Street       |                     | 3             | Hegarty Street  | 331978.2    | 6249610.5    | 14.72                          | 14.96                                | S   |   |   |                     |   |
| 521865                                       | 5 Hegarty Street       |                     | 5             | Hegarty Street  | 331979.0    | 6249609.3    | 14.89                          | 15.38                                | S   |   |   |                     |   |
| 521867                                       | 7 Hegarty Street       |                     | 7             | Hegarty Street  | 331982.9    | 6249603.6    | 15.01                          | 15.38                                | S   |   |   |                     |   |
| 521869                                       | 9 Hegarty Street       |                     | 9             | Hegarty Street  | 331983.3    | 6249602.5    | 15.34                          | 15.83                                | S   |   |   |                     |   |
| 521871                                       | 11 Hegarty Street      |                     | 11            | Hegarty Street  | 331987.3    | 6249597.4    | 15.52                          | 15.80                                | S   |   |   |                     |   |
| 521873                                       | 13 Hegarty Street      |                     | 13            | Hegarty Street  | 331988.1    | 6249596.1    | 15.72                          | 16.24                                | S   |   |   |                     |   |
| 521875                                       | 15 Hegarty Street      |                     | 15            | Hegarty Street  | 331993.1    | 6249591.0    | 15.96                          | 16.27                                | S   |   |   |                     |   |
| 521876                                       | 17 Hegarty Street      |                     | 17            | Hegarty Street  | 331993.1    | 6249589.4    | 15.99                          | 16.71                                | S   |   |   |                     |   |
| 521877                                       | 19 Hegarty Street      |                     | 19            | Hegarty Street  | 331996.2    | 6249583.1    | 16.26                          | 16.81                                | S   |   |   |                     |   |
| 521878                                       | 21 Hegarty Street      |                     | 21            | Hegarty Street  | 331998.9    | 6249579.3    | 16.51                          | 17.14                                | S   |   |   |                     |   |
| 519440                                       | 12 Junction Street     |                     | 12            | Junction Street | 331763.0    | 6249192.0    | 14.32                          | 11.76                                | S   | C   | Level Of Office at Rear of 3 Storey Building                  |                     |   |
| 519440                                       | 12 Junction Street     |                     | 12            | Junction Street | 331762.0    | 6249178.0    | 10.90                          | 10.88                                | S   | C   | Level Floor Old Building Rear of Site                         |                     |   |
| 605105                                       | 1-3 Larkin Street      |                     | 1 to 3        | Larkin Street   | 331734.5    | 6249170.8    | 14.06                          | 13.49                                | S   |   |   |                     |   |
| 533590                                       | 5-13 Larkin Street     |                     | 5 to 13       | Larkin Street   | 331744.6    | 6249120.0    | 14.06                          | 13.49                                | S   |   |   |                     |   |
| 612303                                       | 73 Mount Vernon Street |                     | 1 to 73       | Mount Vernon St | 332197      | 6249431.0    | 24.85                          | 25.17                                | P   | R   | Level Dwelling No.146 Corner St Johns Road and Mt Vernon Lane |                     |   |
| 520880                                       | 62 Parramatta Road     |                     | 62            | Parramatta Road | 331896.2    | 6249063.0    | 19.97                          | 20.14                                | S   | C   | Antique Store   |                     | 20.14   |
| 520881                                       | 64 Parramatta Road     |                     | 64            | Parramatta Road | 331892.0    | 6249061.6    | 19.75                          | 20.68                                | S   | C   |   |                     | 20.68   |
| 523861                                       | 66-70 Parramatta Road  |                     | 66-70         | Parramatta Road | 331848.1    | 6249053.5    | 19.40                          | 20.27                                | S   | C   | Antique Store   |                     | 20.27   |
| 520795                                       | 1 Pures Street         |                     | 1             | Pures Street    | 332186.8    | 6249495.2    | 22.57                          | 23.03                                | S   |   |   |                     |   |
| 520796                                       | 2 Pures Street         |                     | 2             | Pures Street    | 332184.7    | 6249498.5    | 22.53                          | 23.13                                | S   |   |   |                     |   |
| 520797                                       | 3 Pures Street         |                     | 3             | Pures Street    | 332182.6    | 6249501.9    | 22.45                          | 22.96                                | S   |   |   |                     |   |
| 520798                                       | 4 Pures Street         |                     | 4             | Pures Street    | 332180.6    | 6249504.7    | 22.36                          | 22.89                                | S   |   |   |                     |   |
| 520799                                       | 5 Pures Street         |                     | 5             | Pures Street    | 332178.4    | 6249507.9    | 22.31                          | 22.74                                | S   |   |   |                     |   |
| 520800                                       | 6 Pures Street         |                     | 6             | Pures Street    | 332176.2    | 6249511.5    | 22.27                          | 22.69                                | S   |   |   |                     |   |
| 522109                                       | 99 St Johns Road       |                     | 99            | St Johns Road   | 332203.5    | 6249461.9    | 24.95                          | 25.14                                | S   |   |   |                     |   |
| 522109                                       | 101 St Johns Road      |                     | 101           | St Johns Road   | 332201.4    | 6249460.6    | 24.93                          | 25.17                                | S   |   |   |                     |   |
| 522109                                       | 103 St Johns Road      |                     | 103           | St Johns Road   | 332195.7    | 2649456.7    | 24.82                          | 25.05                                | S   |   |   |                     |   |
| 522109                                       | 105 St Johns Road      |                     | 105           | St Johns Road   | 332188.3    | 6249451.8    | 24.83                          | 23.16                                | S   |   |   |                     |   |
| 522109                                       | 107 St Johns Road      |                     | 107           | St Johns Road   | 332187.2    | 6249451.0    | 24.79                          | 23.15                                | S   |   |   |                     |   |
| 519985                                       | 109 St Johns Road      |                     | 109           | St Johns Road   |             |              |                                |                                      |   |   |   |                     |   |
| 519985                                       | 91 Wigram Road         |                     | 91            | Wigram Road     |             |              |                                |                                      |   |   |   |                     |   |
| 519987                                       | 93 Wigram Road         |                     | 93            | Wigram Road     | 331768.2    | 6249692.5    | 12.82                          | 12.90                                | S   |   |   |                     |   |
| 519989                                       | 95 Wigram Road         |                     | 95            | Wigram Road     | 331761.5    | 6249687.9    | 11.21                          | 11.45                                | S   |   |   |                     |   |
| 519991                                       | 97 Wigram Road         |                     | 97            | Wigram Road     | 331760.1    | 6249686.9    | 11.03                          | 11.54                                | S   |   |   |                     |   |
| 519993                                       | 99 Wigram Road         |                     | 99            | Wigram Road     | 331772.9    | 6249681.8    | 10.07                          | 10.39                                | S   |   |   |                     |   |
| 519995                                       | 101 Wigram Road        |                     | 101           | Wigram Road     | 331771.9    | 6249681.1    | 9.95                           | 10.39                                | S   |   |   |                     |   |
| 519997                                       | 103 Wigram Road        |                     | 103           | Wigram Road     | 331762.6    | 6249674.5    | 9.20                           | 9.65                                 | S   |   |   |                     |   |
| 519999                                       | 105 Wigram Road        |                     | 105           | Wigram Road     | 331761.4    | 6249673.8    | 9.16                           | 9.56                                 | S   |   |   |                     |   |



DRAFT





BACK BRG FOR 205 = 218°26'03"  
 STN 205 → 8 = 164°41'27" 27.290  
 " " → 9 = 354°08'46" 159.941

ELV = 0.834  
 " " = 0.680

1383, 1391  
 1295

9

STN 12 → 13 = 253°52'51" 29.993  
 ELV = 1.068



STN 204 → 12 = 221°04'39" 91.570  
 ELV = 0.870

4





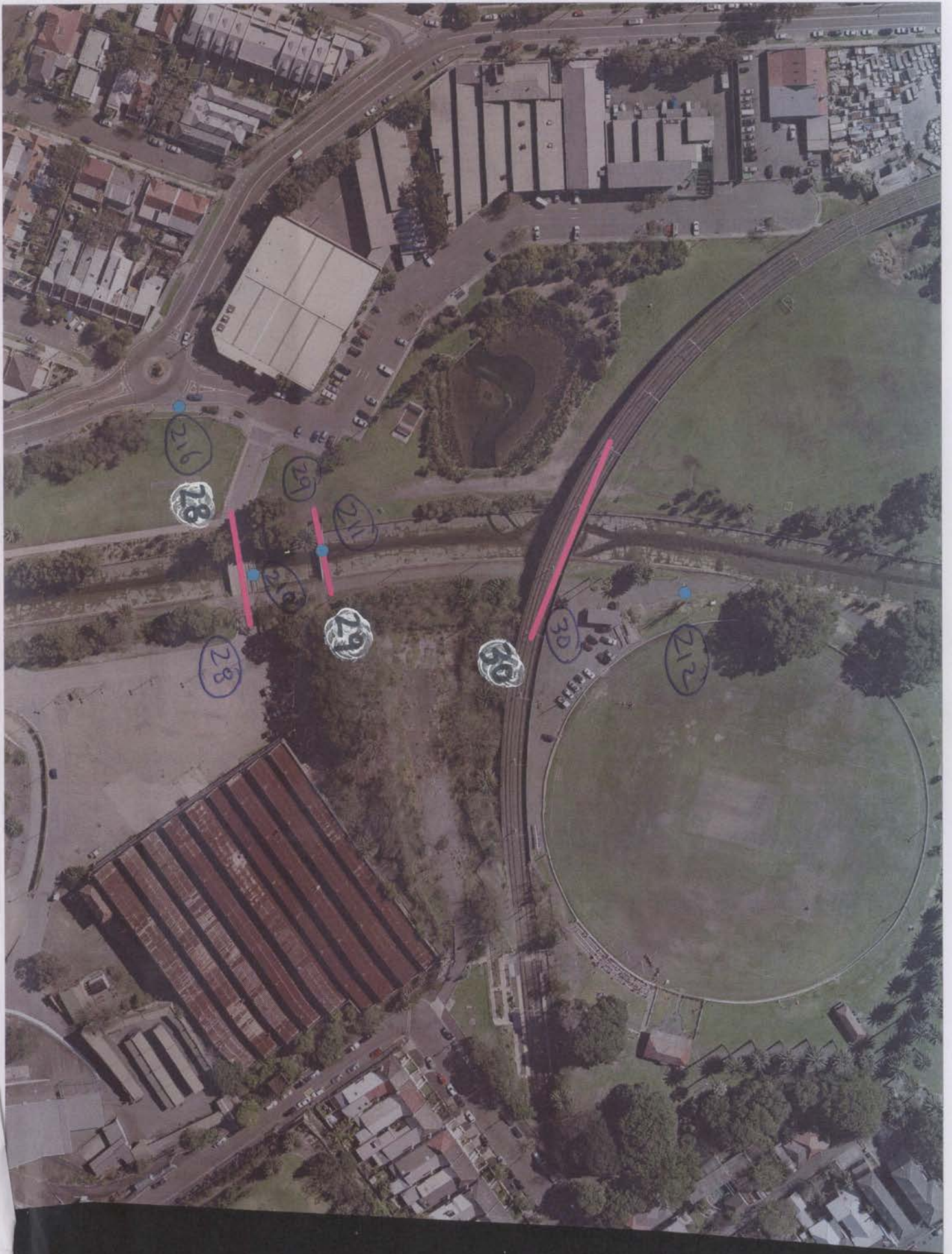


STN 215 → 14 = 209°36'14" 20.090 ELV = 0.337  
 " " → 15 = 316°39'11" 12.409 " " = 1.026 X  
 " "14 → 15 = 3002'35" 26.534 " " = 1.043

11  
 1452









STN 207 → 17 = 179°53'51" 120.898 ELV = 1.555  
STN 210 → 20 = 170°45'06" 142.150 " " = 1.408

13

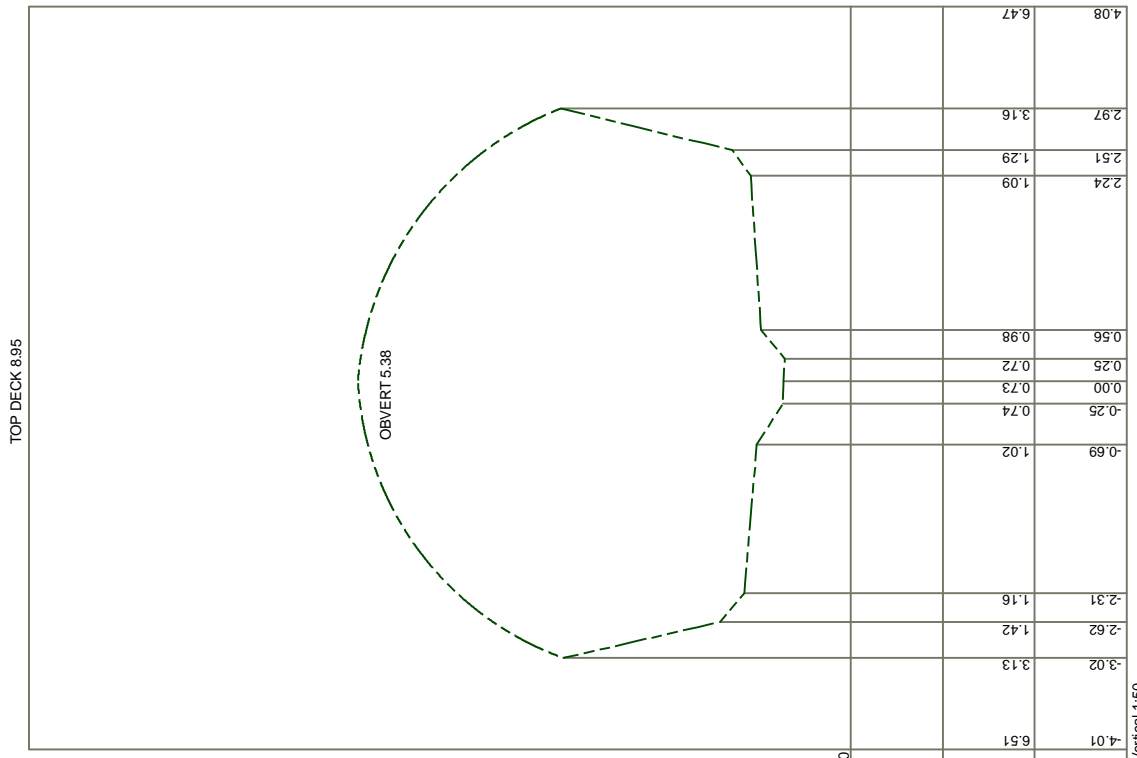
WHEN ON 210 USED WRONG STN H. 066

2001  
~~1545~~





FIGURE D1  
**CROSS SECTION SITE 19**



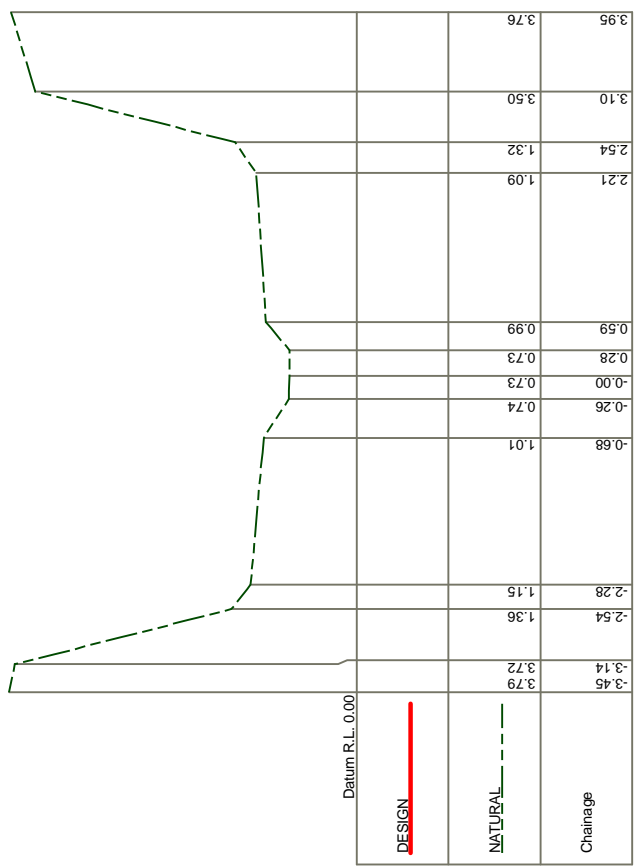
Datum R.L. 0.00

DESIGN

NATURAL

Chainage

Scale Horizontal 1:50 Vertical 1:50



Datum R.L. 0.00

DESIGN

NATURAL

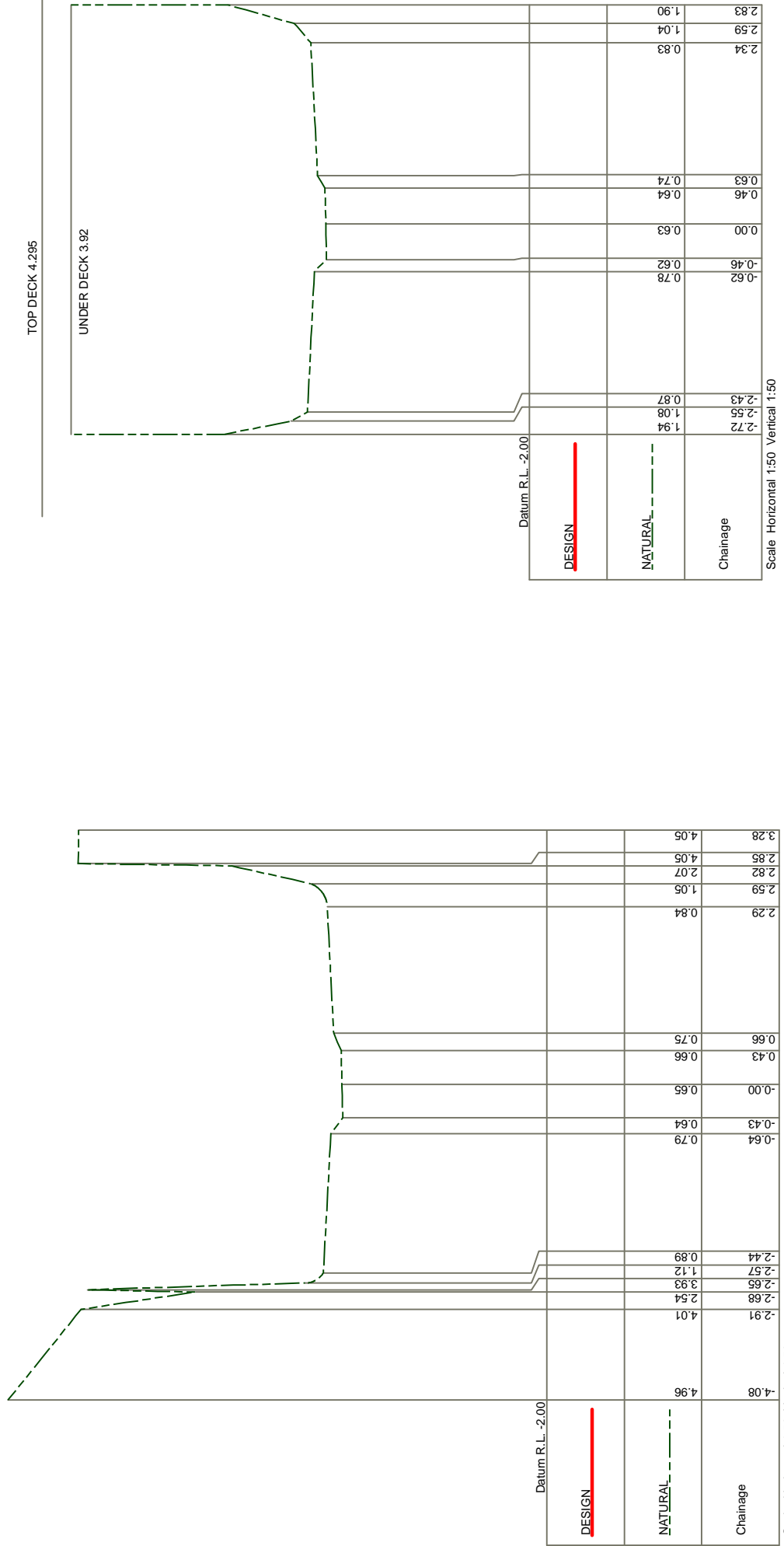
Chainage

Scale Horizontal 1:50 Vertical 1:50

X-SECTION AT SITE 19



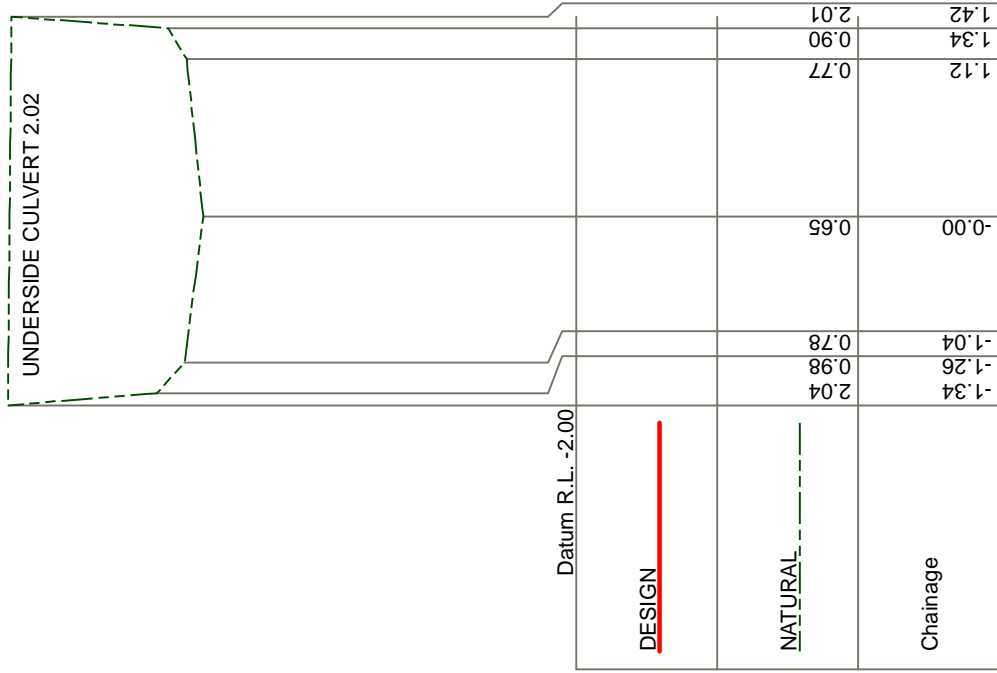
FIGURE D2  
CROSS SECTION SITE 20



X-SECTION AT SITE 20



TOP DECK 3.02



Datum R.L. -2.00

DESIGN

NATURAL

Chainage

Scale Horizontal 1:50 Vertical 1:50

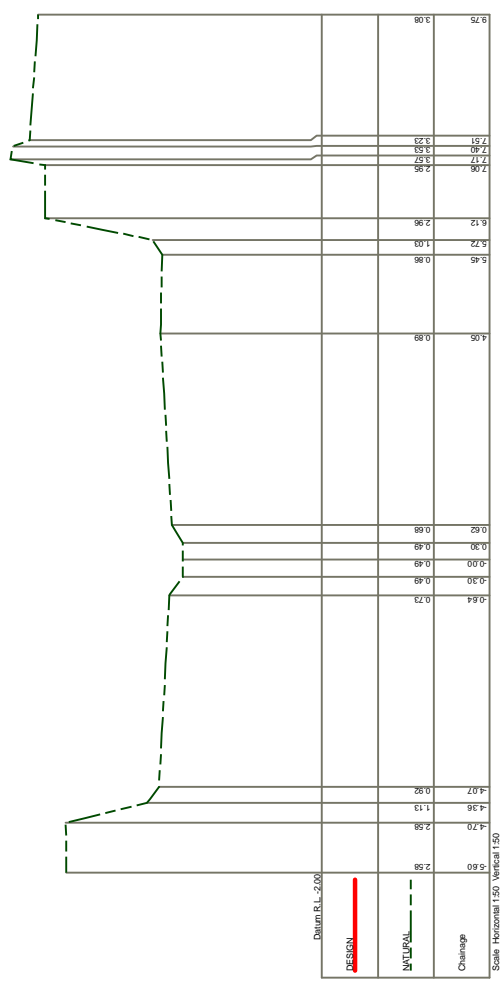
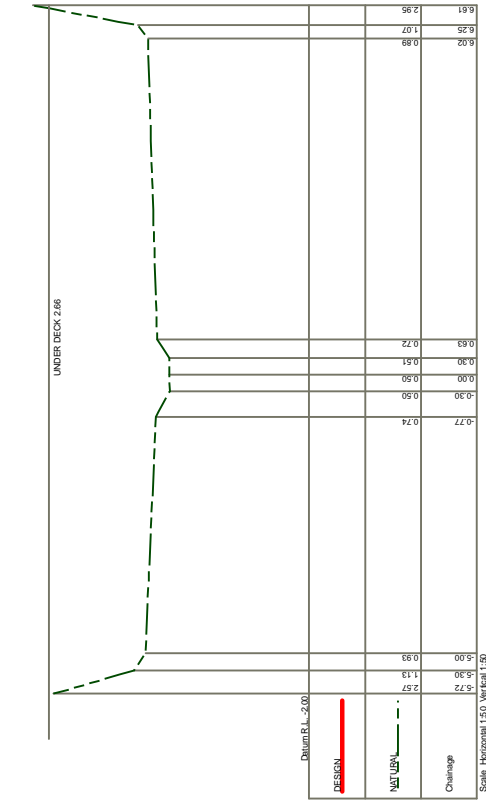
# X-SECTION AT SITE 21



FIGURE D4  
CROSS SECTION SITE 22

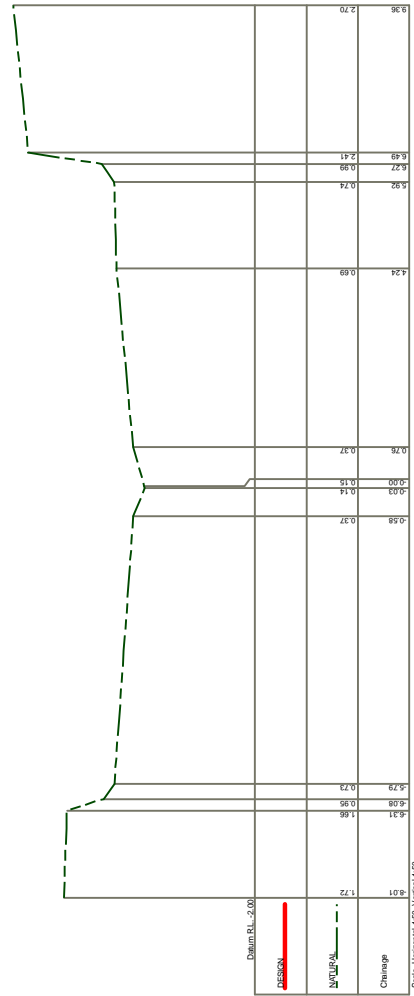
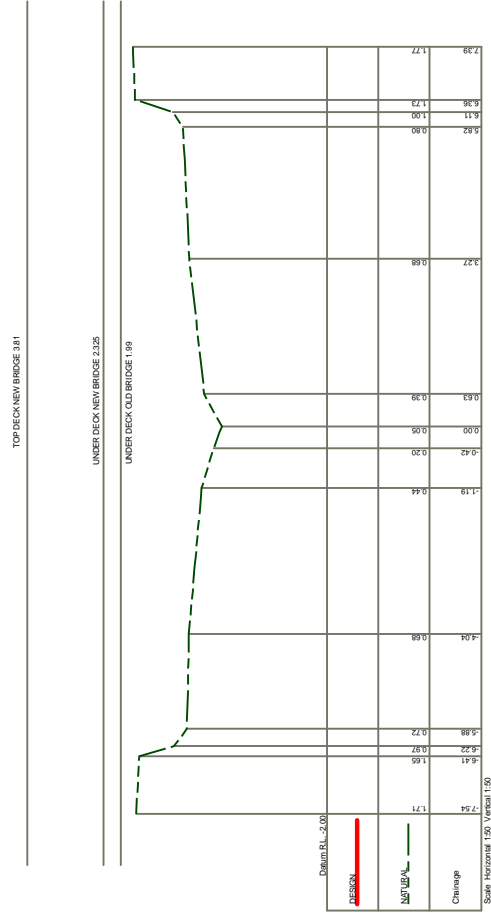
TOP DECK 4.54

UNDER DECK 2.66



X-SECTION AT SITE 22

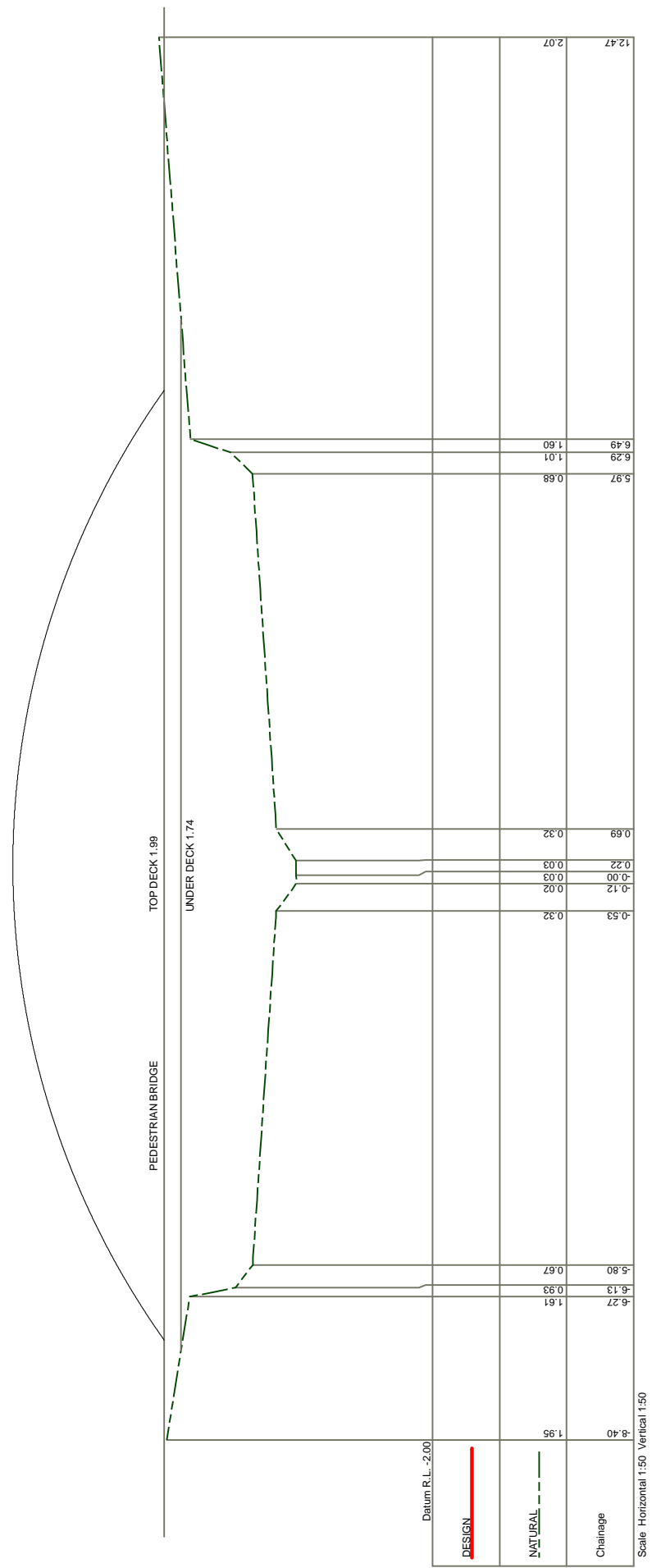




X-SECTION AT SITE 23



FIGURE D6  
**CROSS SECTION SITE 24**



X-SECTION AT SITE 24

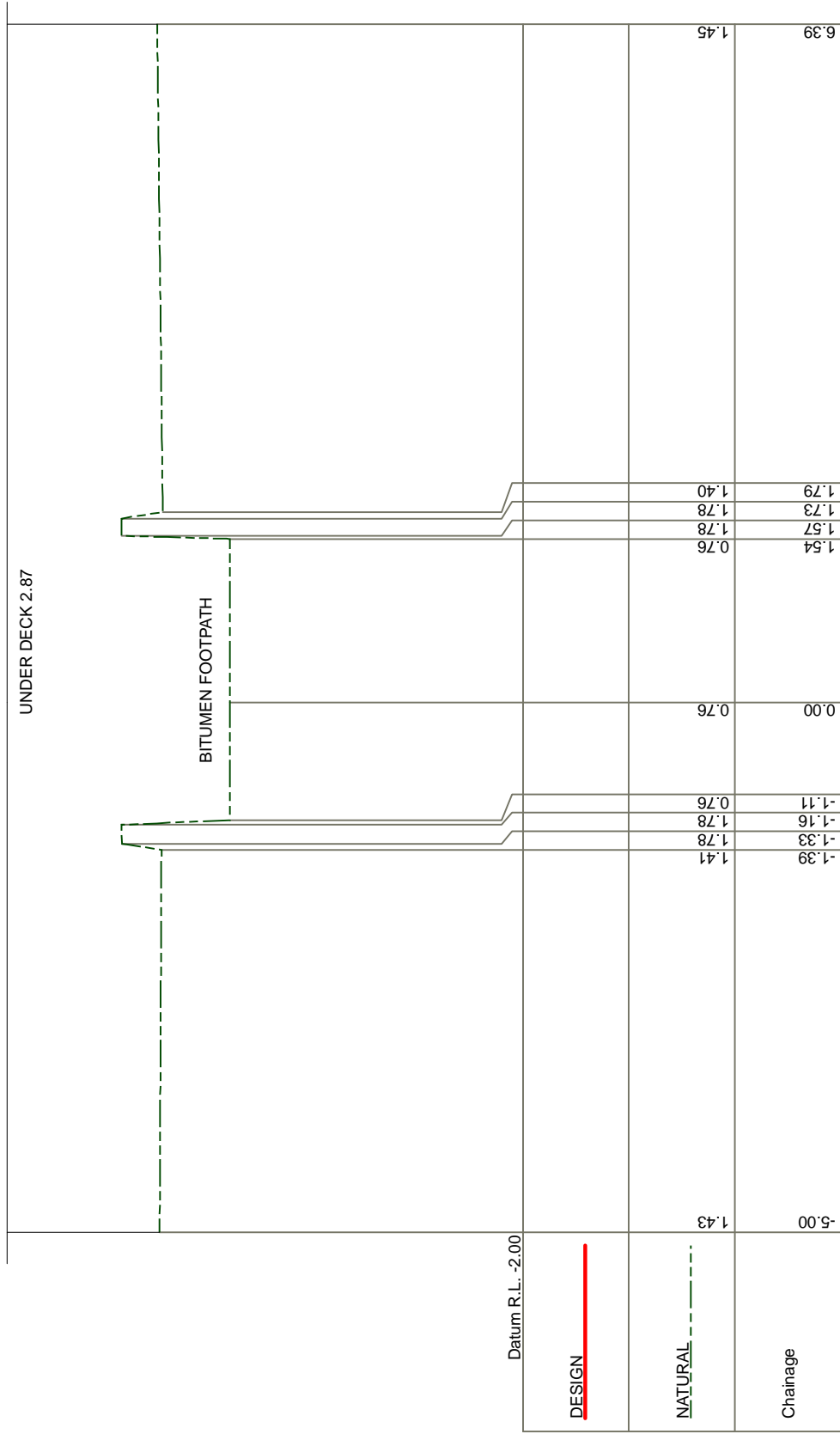
|                        |
|------------------------|
| Datum R.L. = 2.00      |
| <b>DESIGN</b> ———      |
| <b>NATURAL</b> - - - - |
| Chainage               |

Scale Horizontal 1:50 Vertical 1:50





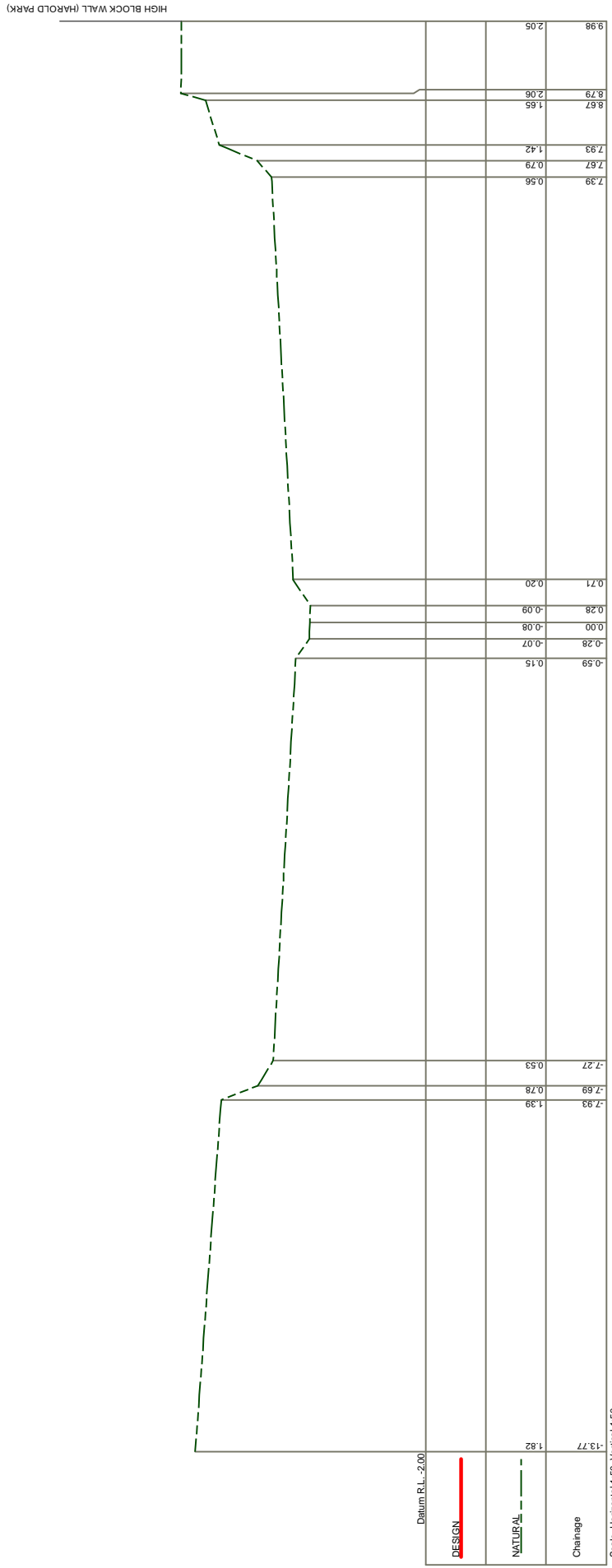




Scale Horizontal 1:50 Vertical 1:50

**X-SECTION AT SITE 26**

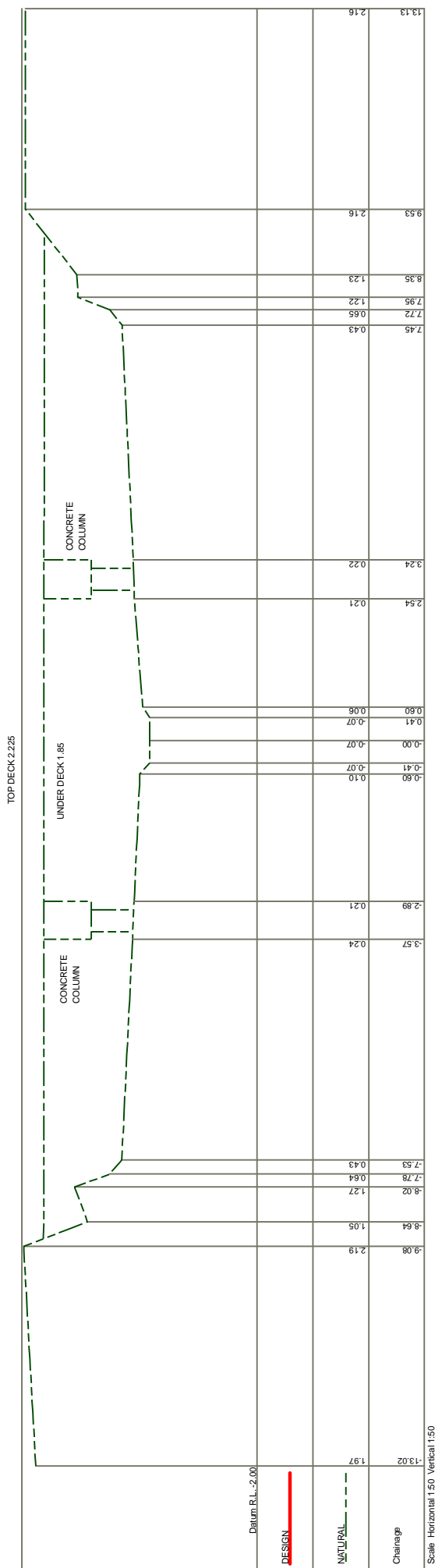




X-SECTION AT SITE 27



FIGURE D10  
**CROSS SECTION SITE 28**



X-SECTION AT SITE 28

Datum R.L. = -2.00

DESIGN —

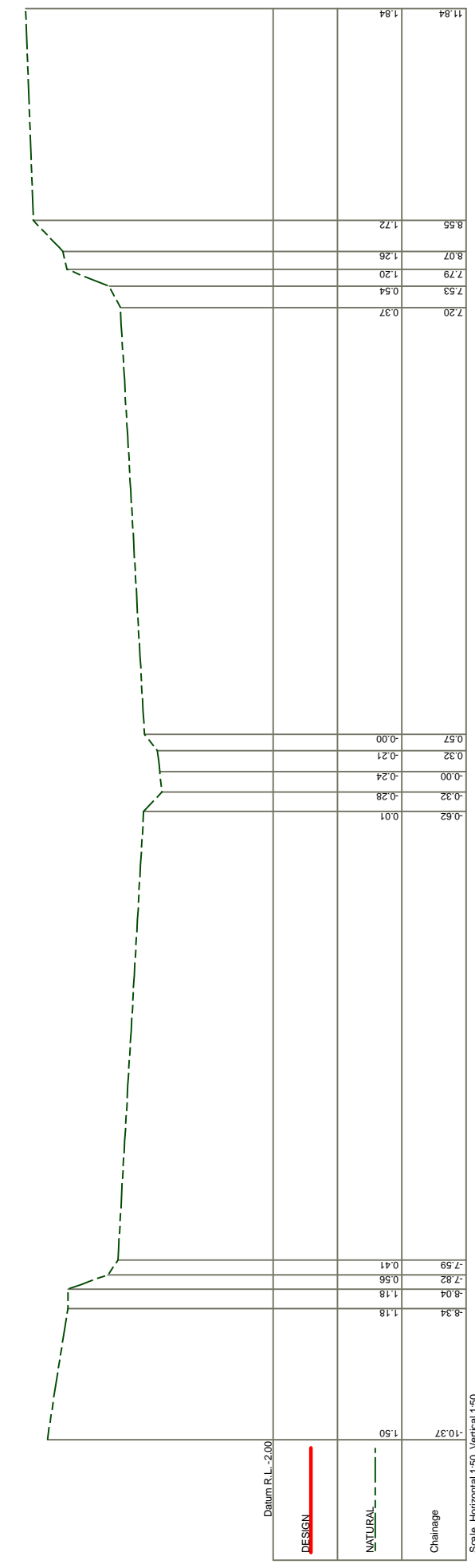
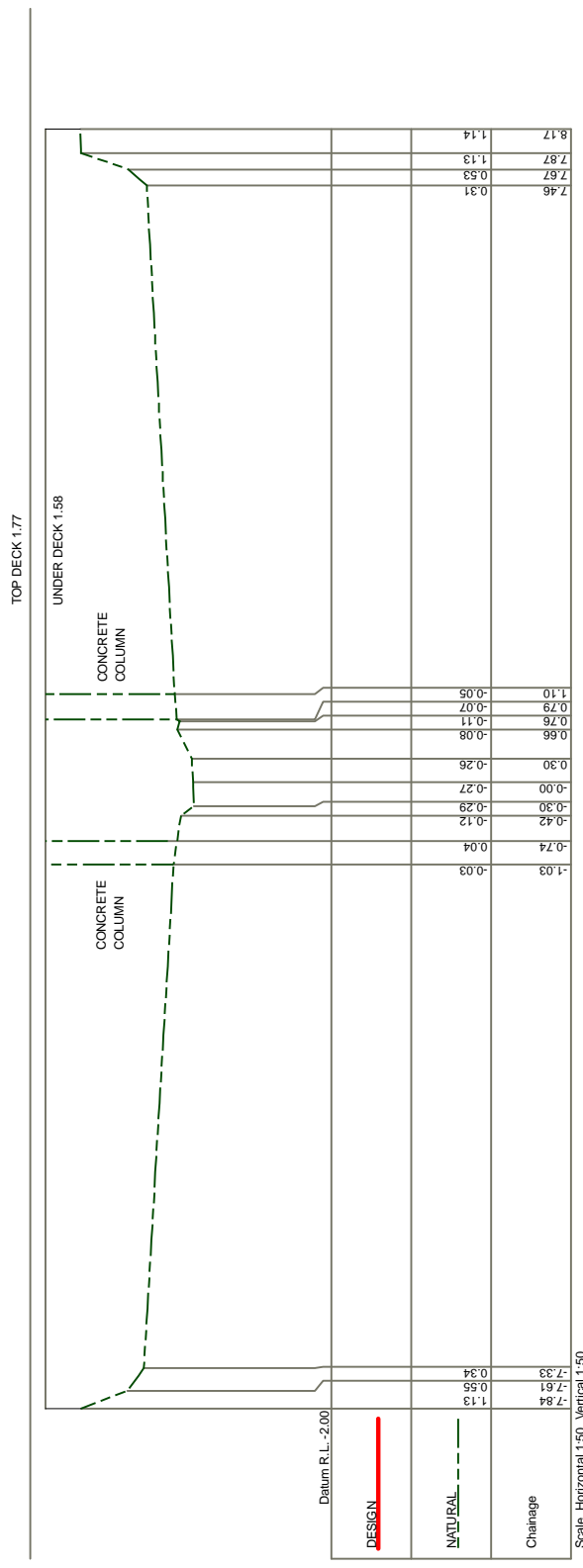
NATURAL - - -

Chainage

Scale: Horizontal 1:50 Vertical 1:50



FIGURE D11  
**CROSS SECTION SITE 29**

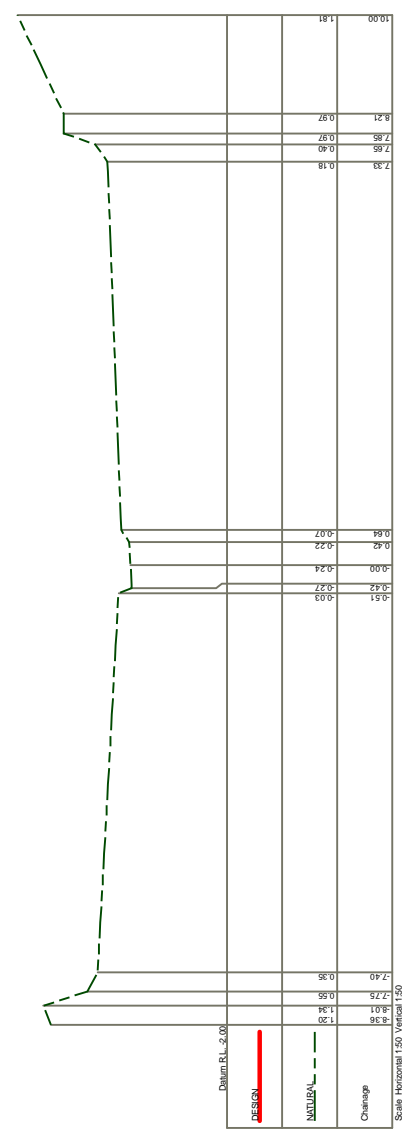
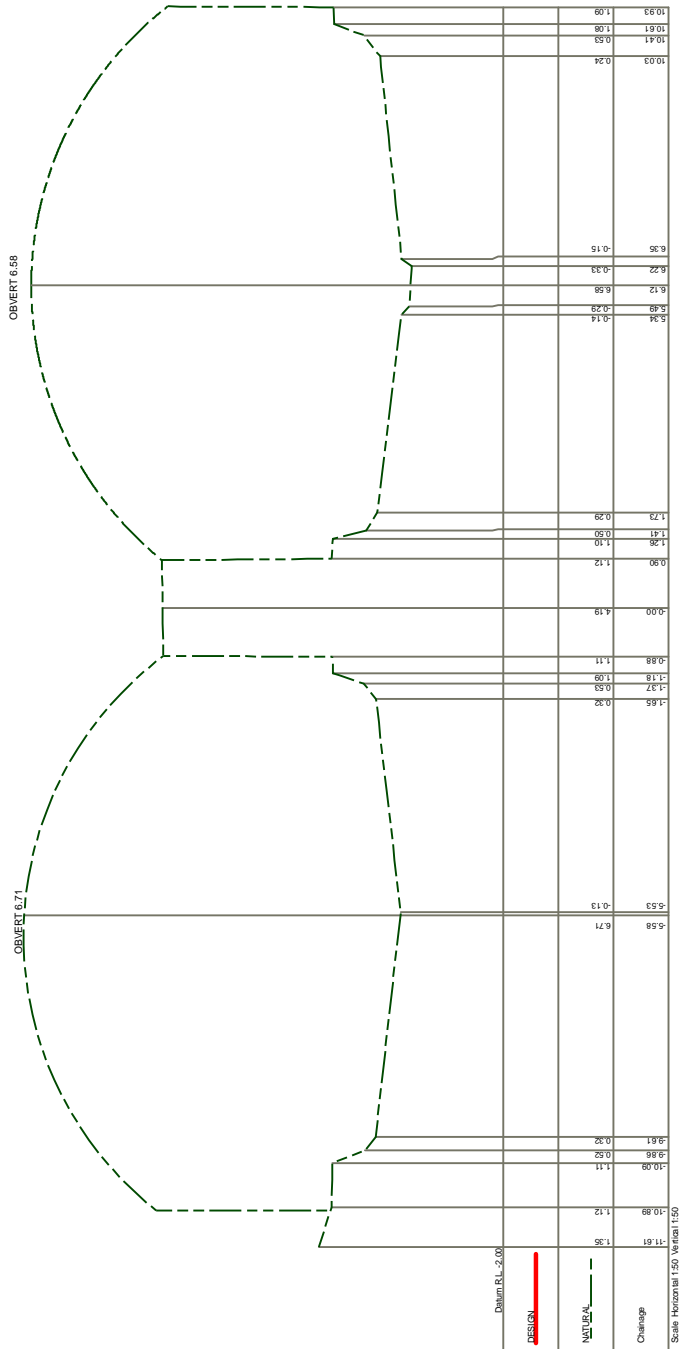


X-SECTION AT SITE 29



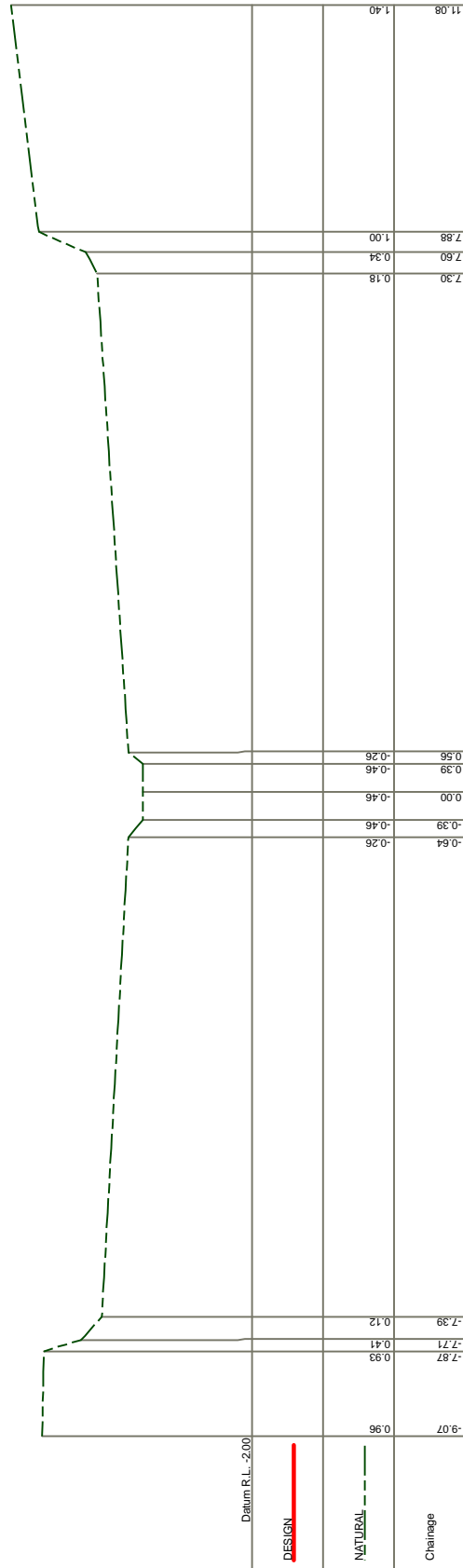
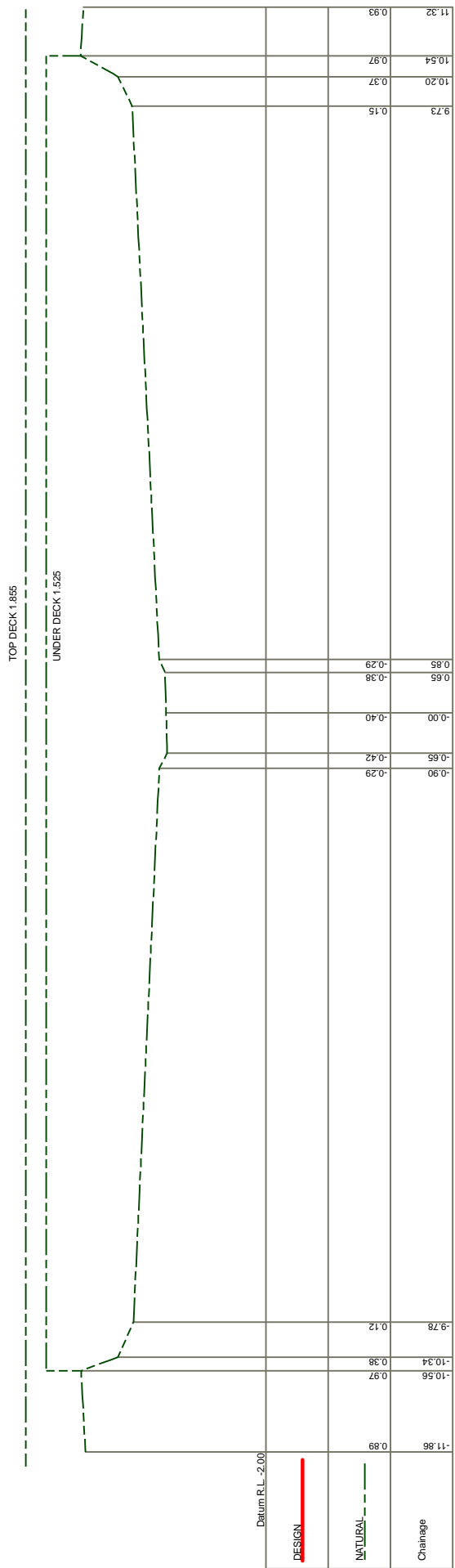
FIGURE D12  
**CROSS SECTION SITE 30**

RAIL BRIDGE TOP DECK 7.96



X-SECTION AT SITE 30

FIGURE D13  
CROSS SECTION SITE 31

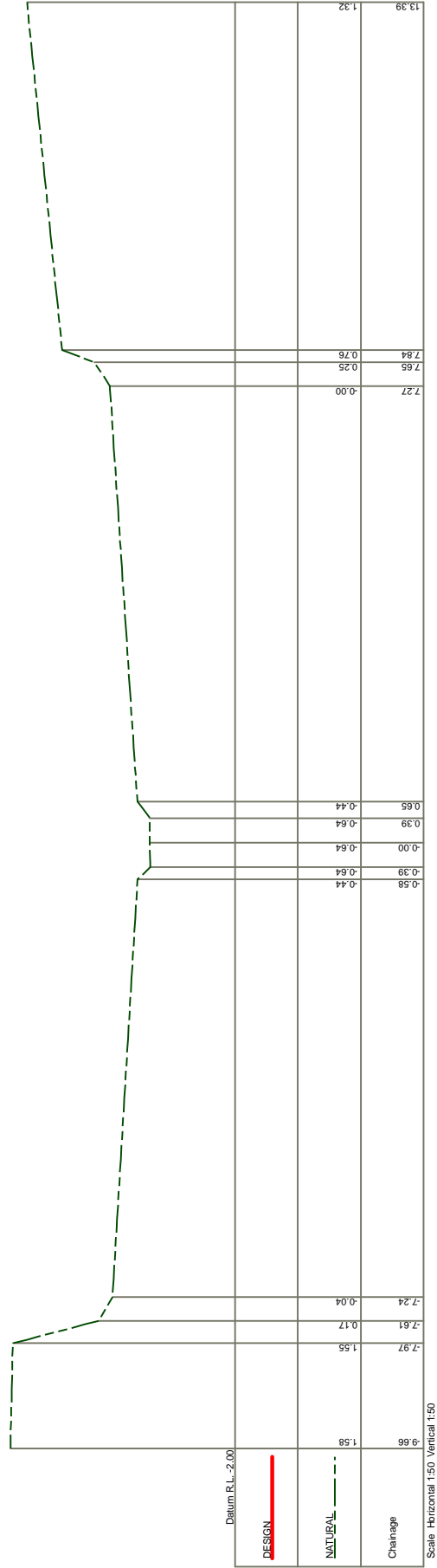


X-SECTION AT SITE 31

Scale Horizontal 1:50 Vertical 1:50

Scale Horizontal 1:50 Vertical 1:50





X-SECTION AT SITE 32

Datum B.L. = 2.00  
**DESIGN**  
 NATURAL  
 Chainage  
 Scale Horizontal 1:50 Vertical 1:50