Study Area
Subject Site

PMF Post-Demolition
Flood Hydraulic Category
Flood Fringe
Flood Storage
Floodway

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
FERRY ROAD
TAYLOR STREET
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE

0 50 100 150 200 m

Cardno

Sydney Fish Market

Demolition Works

Figure DM12

PMF Peak Flood Hydraulic Category

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

1% AEP Post-Demolition
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

1% AEP Post-Demolition
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market
Demolition Works

Figure DM13

1% AEP Peak Flood Water Level Difference

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

10% AEP Post-Development Flood Depths (m)
- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P1

10% AEP Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site
10% AEP Post-Development Flood Water Level Contours (m AHD)

10% AEP Post-Development Flood Water Level (m AHD)
- < 2.00
- 2.00 to 2.20
- 2.20 to 2.40
- 2.40 to 2.60
- 2.60 to 2.80
- 2.80 to 3.00
- 3.00 to 3.20
- 3.20 to 3.40
- 3.40 to 3.60
- 3.60 to 3.80
- 3.80 to 4.00
- > 4.00

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P2

10% AEP Peak Flood Water Level

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site
10% AEP Post-Development Flood Provisional Hazard
Low
Transitional
High
FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET
0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P3

10% AEP Peak Flood Provisional Hazard

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

10% AEP Post-Development
Flood Hydraulic Category
Flood Fringe
Flood Storage
Floodway

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P4

10% AEP Peak Flood Hydraulic Category

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

1% AEP Post-Development Flood Depths (m)
- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P5

1% AEP Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site
1% AEP Post-Development Flood Water Level Contours (m AHD)

1% AEP Post-Development Flood Water Level (m AHD)
- < 2.00
- 2.00 to 2.20
- 2.20 to 2.40
- 2.40 to 2.60
- 2.60 to 2.80
- 2.80 to 3.00
- 3.00 to 3.20
- 3.20 to 3.40
- 3.40 to 3.60
- 3.60 to 3.80
- 3.80 to 4.00
- > 4.00

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P6

1% AEP Peak Flood Water Level

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site
1% AEP Post-Development Flood Provisional Hazard
Low
Transitional
High

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P7

1% AEP Peak Flood Provisional Hazard

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

1% AEP Post-Development
Flood Hydraulic Category
Flood Fringe
Flood Storage
Floodway

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

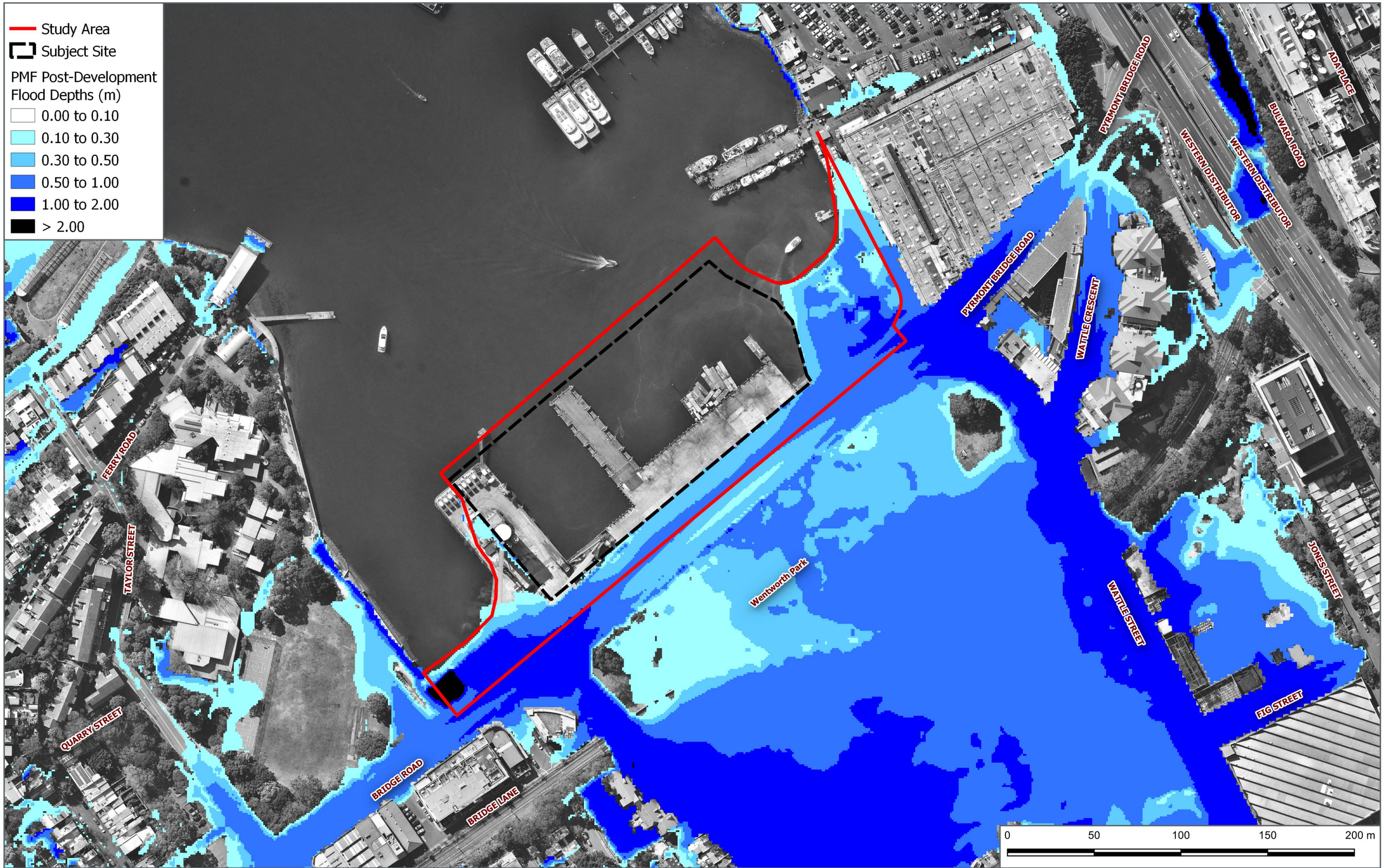
Sydney Fish Market

Proposed Scenario

Figure P8

1% AEP Peak Flood Hydraulic Category

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015



Cardno

Sydney Fish Market

Proposed Scenario

Figure P9

PMF Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site
PMF Post-Development
Flood Water Level Contours (m AHD)

PMF Post-Development
Flood Water Level (m AHD)

- < 2.00
- 2.00 to 2.20
- 2.20 to 2.40
- 2.40 to 2.60
- 2.60 to 2.80
- 2.80 to 3.00
- 3.00 to 3.20
- 3.20 to 3.40
- 3.40 to 3.60
- 3.60 to 3.80
- 3.80 to 4.00
- > 4.00

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P10

PMF Peak Flood Water Level

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

PMF Post-Development
Flood Provisional Hazard

Low
Transitional
High

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

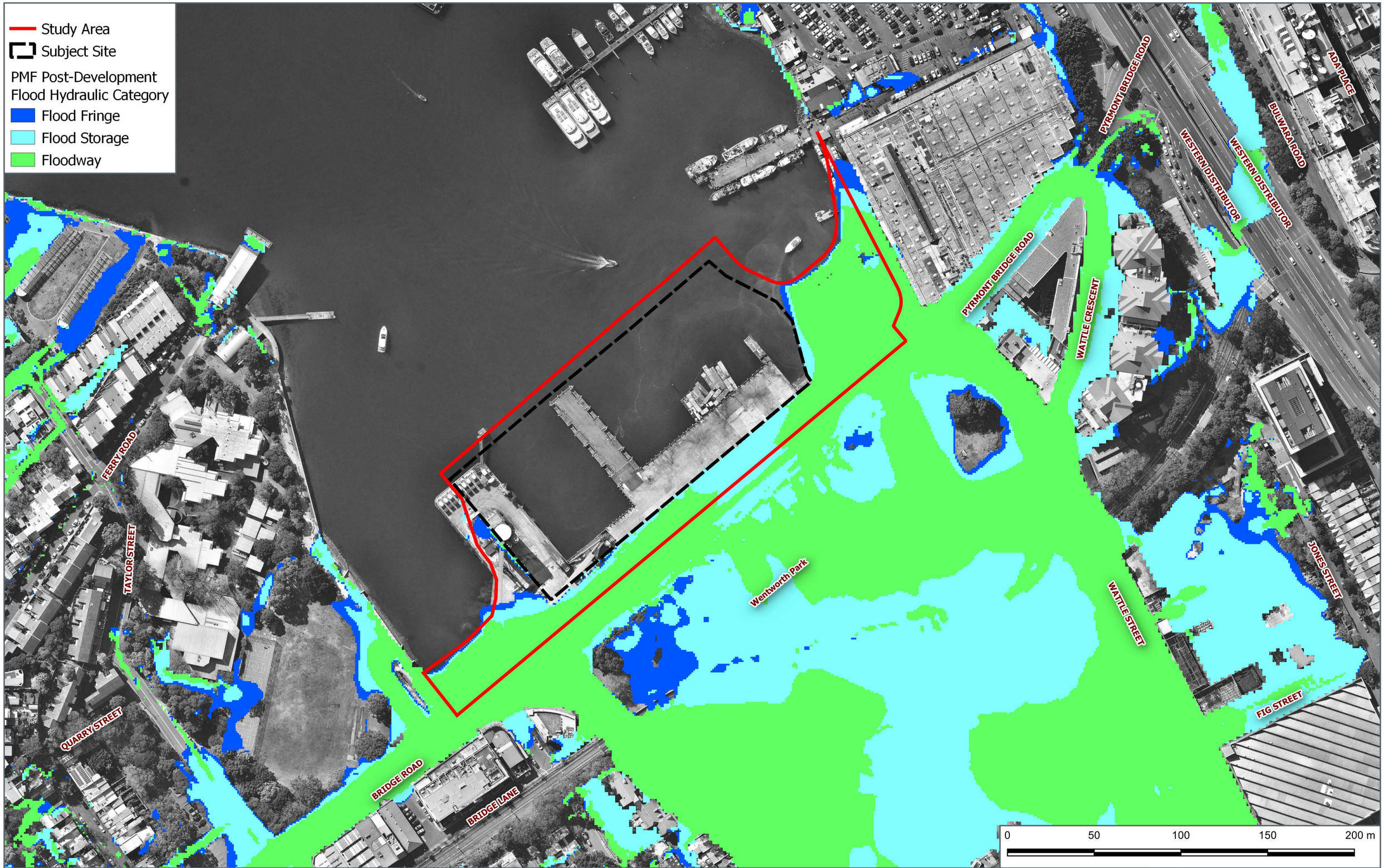
Sydney Fish Market

Proposed Scenario

Figure P11

PMF Peak Flood Provisional Hazard

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015



Cardno

Sydney Fish Market

Proposed Scenario

Figure P12

PMF Peak Flood Hydraulic Category

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

1% AEP Post-Development
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

1% AEP Post-Development
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
TAYLOR STREET
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure P13

1% AEP Peak Flood Water Level Difference

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

APPENDIX

E

DESIGN TERRAIN

Study Area
Subject Site

Design Terrain (m AHD)
- < 1.00
- 1.00 to 1.50
- 1.50 to 2.00
- 2.00 to 2.50
- 2.50 to 3.00
- > 3.00

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure Appendix E

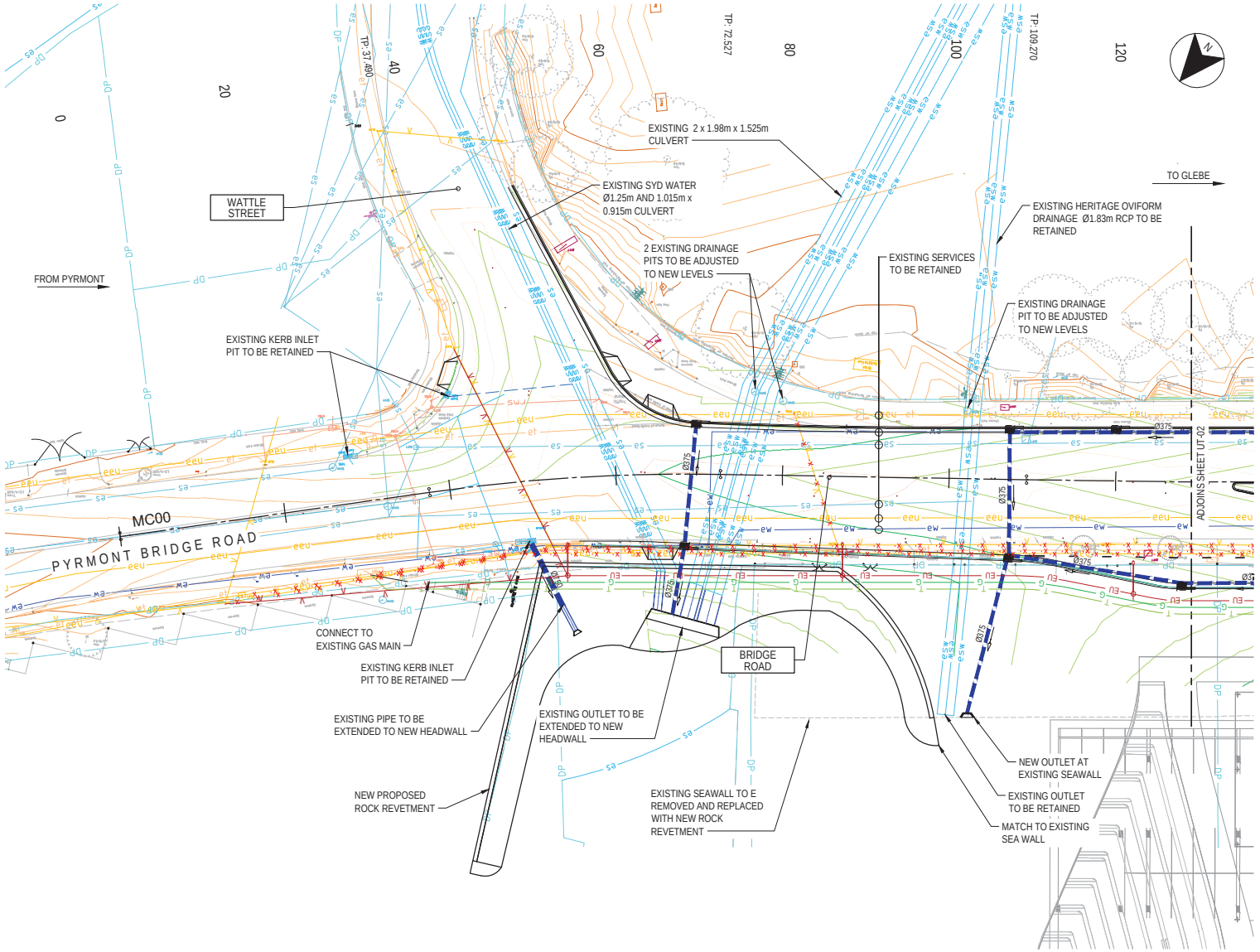
Design Terrain

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

APPENDIX

F

DESIGN DRAINAGE NETWORK



UTILITIES LEGEND

- NEW UNDERGROUND DISTRIBUTION (11kV)
- NEW OVERHEAD POWER LINE
- NEW TELSTRA COMMUNICATIONS TRENCH WITH PIT
- NEW GAS MAIN
- PROPOSED NEW STORMWATER DRAINAGE PIT AND PIPE
- EXISTING SERVICE TO BE REMOVED
- EXISTING WATER COURSE
- EXISTING STORMWATER PIPE (DBYD)
- EXISTING SURFACE CONTOURS MAJOR
- EXISITNG SURFACE CONTOURS MINOR
- DESIGN SURFACE CONTOURS MAJOR
- DESIGN SURFACE CONTOURS MINOR
- NEW LIGHT POLE

NOTES

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2. FOR EXISTING SERVICES LEGEND REFER TO SHEET UT-1000.
3. ASBESTOS CONDUITS HAVE BEEN IDENTIFIED. THE APPROPRIATE WMS PROCEDURES MUST BE USED WHERE ASBESTOS IS PRESENT.
4. EXISTING OVERHEAD ELECTRICAL ASSETS ARE TO BE RELOCATED. REFER TO ENDEAVOUR ENERGY DESIGN (ARP3473, ARP3474 AND ARP3476) FOR DETAILS.
5. EXISTING UNDERGROUND TELECOMMUNICATIONS ASSETS ARE TO BE RELOCATED. REFER TO TELSTRA DESIGN DRAWING FILE (S.I 185765/01) FOR DETAILS.

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DRG CHECK	B.SOO	09.10.18
DESIGN	M.JEDNIUK	09.10.18
DESIGN CHECK	V.SOFREVSKI	09.10.18
DESIGN MNGR	B.SOO	09.10.18
PROJECT MNGR	G.BABCOCK	09.10.18

CLIENT: UrbanGrowth NSW Development Corporation

PREPARED FOR: URBAN GROWTH

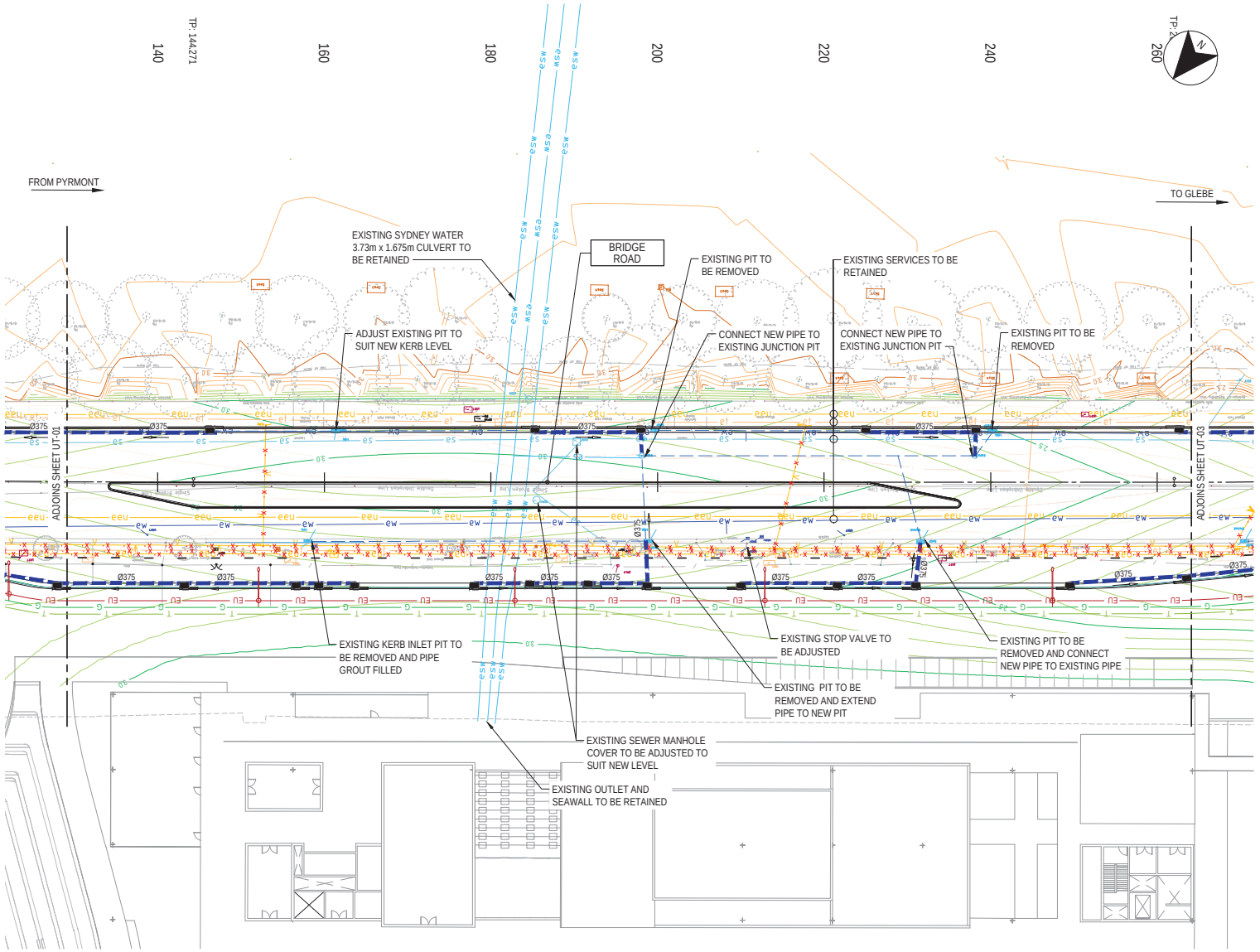
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MR 00000 - BRIDGE ROAD
SYDNEY FISH MARKET
BRIDGE ROAD UPGRADE
FROM WATTLE STREET TO WENTWORTH PARK ROAD
DRAINAGE AND PUBLIC UTILITIES PLAN — SHEET 1 OF 3

A3

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UTILITIES LEGEND

- NEW UNDERGROUND DISTRIBUTION (11kV)
- NEW OVERHEAD POWER LINE
- NEW TELSTRA COMMUNICATIONS TRENCH WITH PIT
- NEW GAS MAIN
- PROPOSED NEW STORMWATER DRAINAGE PIT AND PIPE
- EXISTING SERVICE TO BE REMOVED
- EXISTING WATER COURSE
- EXISTING STORMWATER PIPE (DBYD)
- EXISTING SURFACE CONTOURS MAJOR
- EXISITNG SURFACE CONTOURS MINOR
- DESIGN SURFACE CONTOURS MAJOR
- DESIGN SURFACE CONTOURS MINOR
- NEW LIGHT POLE

NOTES

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2. FOR EXISTING SERVICES LEGEND REFER TO SHEET UT-1000.
3. ASBESTOS CONDUITS HAVE BEEN IDENTIFIED. THE APPROPRIATE WMS PROCEDURES MUST BE USED WHERE ASBESTOS IS PRESENT.
4. EXISTING OVERHEAD ELECTRICAL ASSETS ARE TO BE RELOCATED. REFER TO ENDEAVOUR ENERGY DESIGN (ARP3473, ARP3474 AND ARP3476) FOR DETAILS.
5. EXISTING UNDERGROUND TELECOMMUNICATIONS ASSETS ARE TO BE RELOCATED. REFER TO TELSTRA DESIGN DRAWING FILE (S.I 185765/01) FOR DETAILS.

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DRG CHECK	B.SOO	09.10.18
DESIGN	M.JEDNIUK	09.10.18
DESIGN CHECK	V.SOFREVSKI	09.10.18
DESIGN MNGR	B.SOO	09.10.18
PROJECT MNGR	G.BABCOCK	09.10.18

CLIENT: UrbanGrowth NSW Development Corporation

PREPARED FOR: URBAN GROWTH

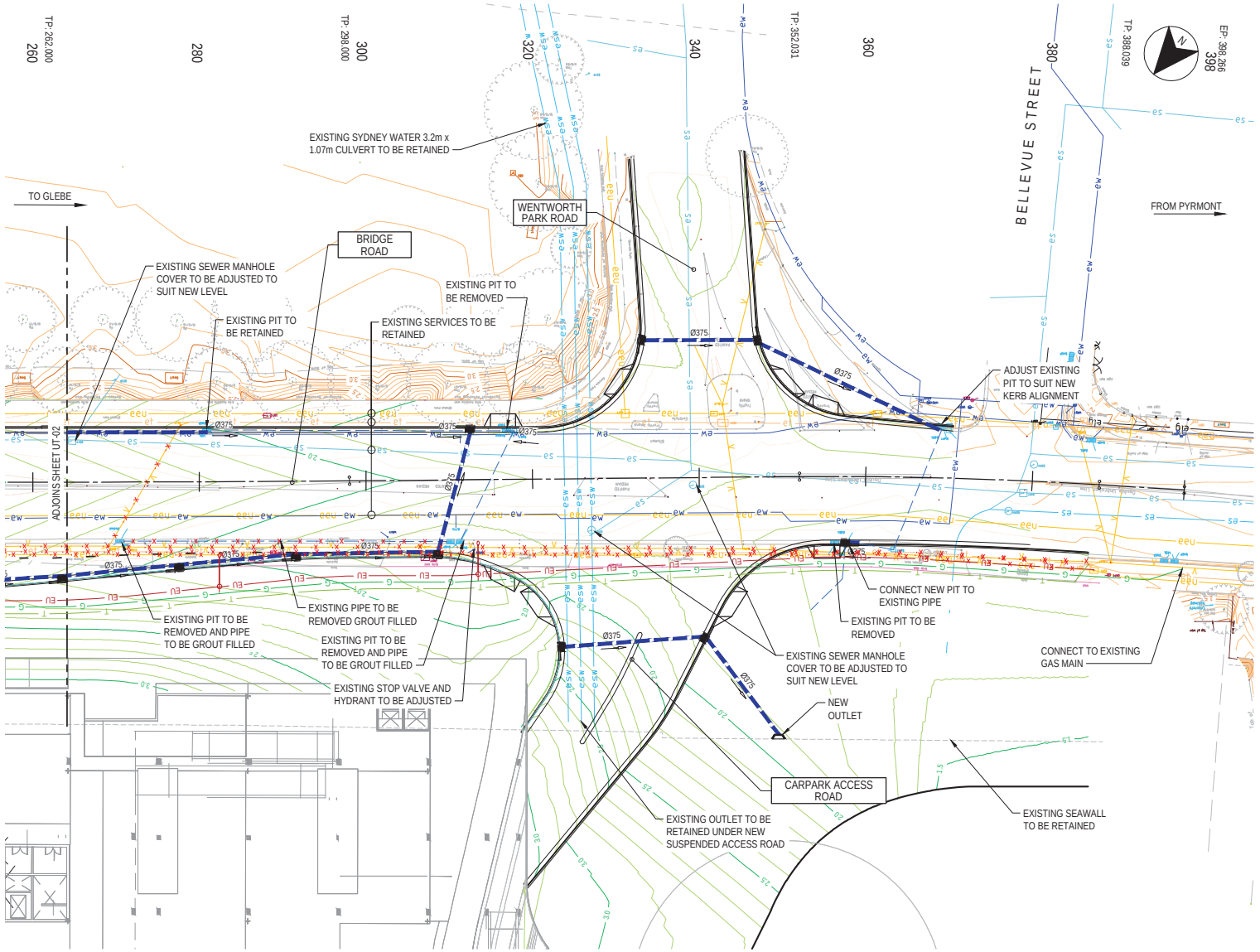
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MR 00000 - BRIDGE ROAD
SYDNEY FISH MARKET
BRIDGE ROAD UPGRADE
FROM WATTLE STREET TO WENTWORTH PARK ROAD
DRAINAGE AND PUBLIC UTILITIES PLAN — SHEET 2 OF 3

A3

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UTILITIES LEGEND

- NEW UNDERGROUND DISTRIBUTION (11kV)
- NEW OVERHEAD POWER LINE
- NEW TELSTRA COMMUNICATIONS TRENCH WITH PIT
- NEW GAS MAIN
- PROPOSED NEW STORMWATER DRAINAGE PIT AND PIPE
- EXISTING SERVICE TO BE REMOVED
- EXISTING WATER COURSE
- EXISTING STORMWATER PIPE (DBYD)
- EXISTING SURFACE CONTOURS MAJOR
- EXISITNG SURFACE CONTOURS MINOR
- DESIGN SURFACE CONTOURS MAJOR
- DESIGN SURFACE CONTOURS MINOR
- NEW LIGHT POLE

NOTES

1. ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND UTILITIES NOT SHOWN ON THE DRAWINGS, OR AT LOCATIONS OR ELEVATIONS DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS. THE EXACT LOCATION OF EACH UNDERGROUND UTILITY SHALL BE VERIFIED ON SITE PRIOR TO DOING ANY WORK THAT MAY DAMAGE SUCH UTILITY.
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CLIENT: UrbanGrowth NSW Development Corporation

PREPARED FOR: URBAN GROWTH

ULTIMO - CITY OF SYDNEY
MR 00000 - BRIDGE ROAD
SYDNEY FISH MARKET
BRIDGE ROAD UPGRADE
FROM WATTLE STREET TO WENTWORTH PARK ROAD
DRAINAGE AND PUBLIC UTILITIES PLAN — SHEET 3 OF 3

A3

RMS REGISTRATION No.: DS2018/XXXXXX; PART: 01

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APPENDIX

G

SWC NETWORK (OUTLET STRUCTURES)

G1 Introduction

This section provides details of the hydraulic modelling of the stormwater outlets that discharge to Blackwattle Bay within the new Sydney Fish Markets (nSFM) site. There are a number of stormwater culvert outlets which discharge within the nSFM site and these have been grouped into three (3) locations:

1. Stormwater Culvert 1 (Eastern / Wattle Street);
2. Stormwater Culvert 2 (Central); and
3. Stormwater Culvert 3 (Western / Wentworth Park Road).

In the Proposed Scenario model these culverts were modified were necessary to represent the proposed design.

G2 Outlet Structures in Proposed Scenario

G2.1 Stormwater Culvert 1 (Eastern / Wattle Street)

Modifications to Stormwater Culvert 1 include an extension of the culverts by approximately 5 m to accommodate the proposed realignment of the eastern revetment (refer to Mott Macdonald drawings MMD-385951-C-SK-CD-4000 and 4001). While this modification also introduces an additional pit, this does not have any measurable impact on the capacity of the existing culverts. Also, the proposed nSFM building and basement do not form any obstruction to discharge from these culverts (refer to Mott Macdonald drawing MMD-285951-C-SK-CD-2601).

G2.2 Stormwater Culvert 2 (Central)

The proposed nSFM building and basement are located in front of the existing Stormwater Culvert 2 outlet (refer to Mott Macdonald drawing MMD-285951-C-SK-CD-2602). To ensure there is no impact on the capacity of the existing culvert system, a large pit and connection to Blackwattle Bay beneath the basement has been incorporated into the design.

In the TUFLOW hydraulic model, the outlet has been modelled in two parts. Location A (refer **Figure G-1** and **Figure G-2**) has been modelled as a pit (20.4m W x 5.4m L). The opening under the building at Location B was modelled as a 20m W x 1m H dummy culvert. It was assumed that a height of 1 m provides reasonable access for sediment removal so 0% blockage was assumed for this dummy culvert. **Figure G-3** shows the outlet structure setup in the TUFLOW hydraulic model. Please note this figure only shows the trunk system (pipes/culverts greater than 1 m).

The 1% AEP peak flows in the upstream pipes/culverts were compared in the Existing and Proposed Conditions. **Figure G-4** shows the 1% AEP peak flows upstream of the Stormwater Culvert 2 outlet structure in the existing and proposed conditions. This shows that the change in the 1% AEP peak flow in the upstream pipes is expected to be negligible (less than 1.5% change).

G2.3 Stormwater Culvert 3 (Western / Wentworth Park Road)

No modifications are proposed to the outlet of Stormwater Culvert 3. While the proposed nSFM building and basement are in close proximity to this outlet (refer to Mott Macdonald drawing MMD-285951-C-SK-CD-2603), the offset is approximately 13 m and this is considered sufficient to ensure there are no hydraulic impacts.

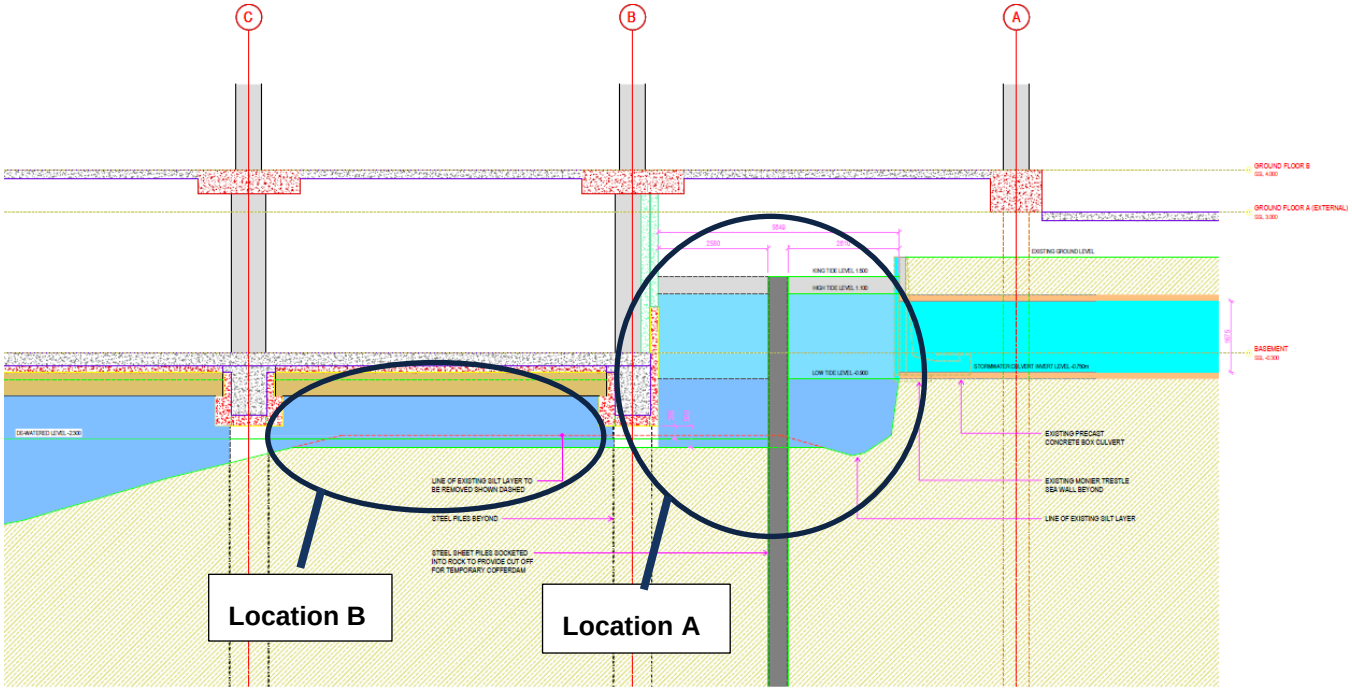


Figure G-1 Cross Section for Stormwater Culvert 2 (Central)

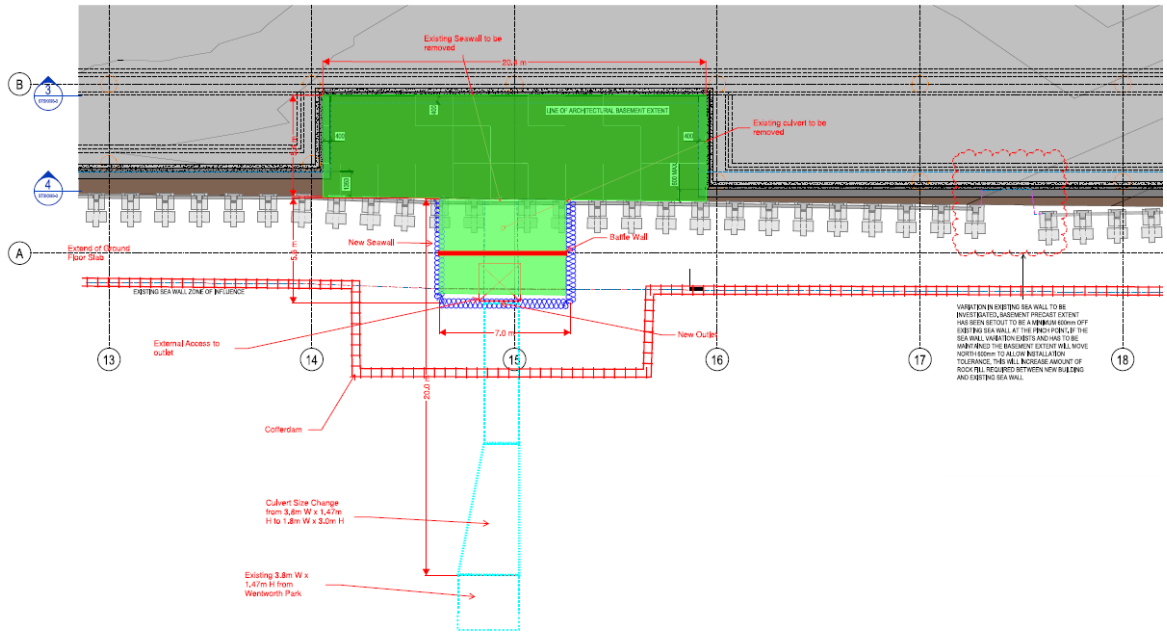


Figure G-2 Plan View for Stormwater Culvert 2 (Central)

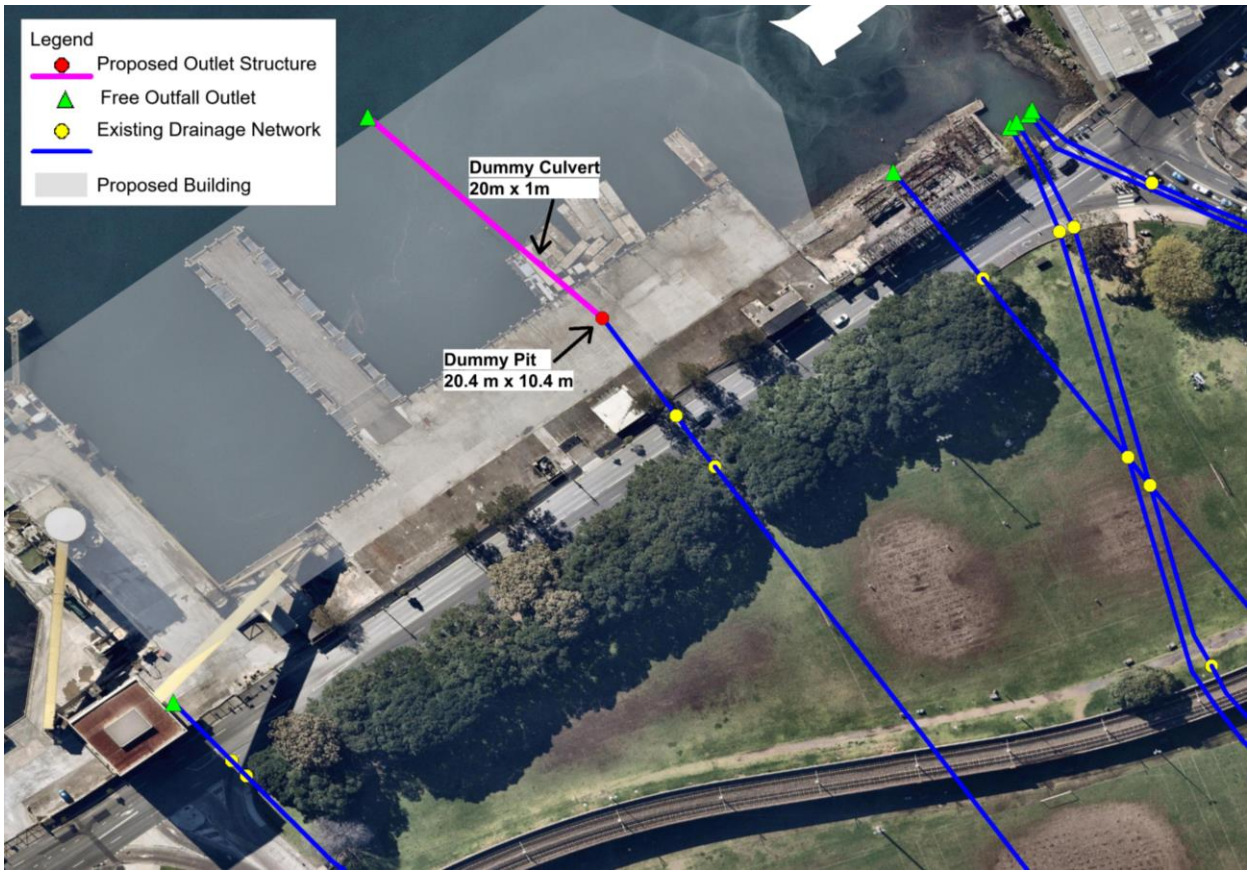


Figure G-3 Stormwater Culvert 2 Outlet Structure Representation in TUFLOW Model



Figure G-4 Comparison of Flow Upstream of Stormwater Culvert 2 Outlet for Existing and Proposed Conditions

APPENDIX

H

CLIMATE CHANGE FLOOD MAPS

Study Area
Subject Site

0.5% AEP Post-Development Flood Depths (m)
- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure R1

0.5% AEP Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

0.5% AEP Post-Development
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

0.5% AEP Post-Development
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure R2

0.5% AEP Peak Flood Water Level Difference

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

0.2% AEP Post-Development Flood Depths (m)
- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

FERRY ROAD
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure R3

0.2% AEP Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

0.2% AEP Post-Development
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

0.2% AEP Post-Development
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
TAYLOR STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET

0 50 100 150 200 m

Cardno

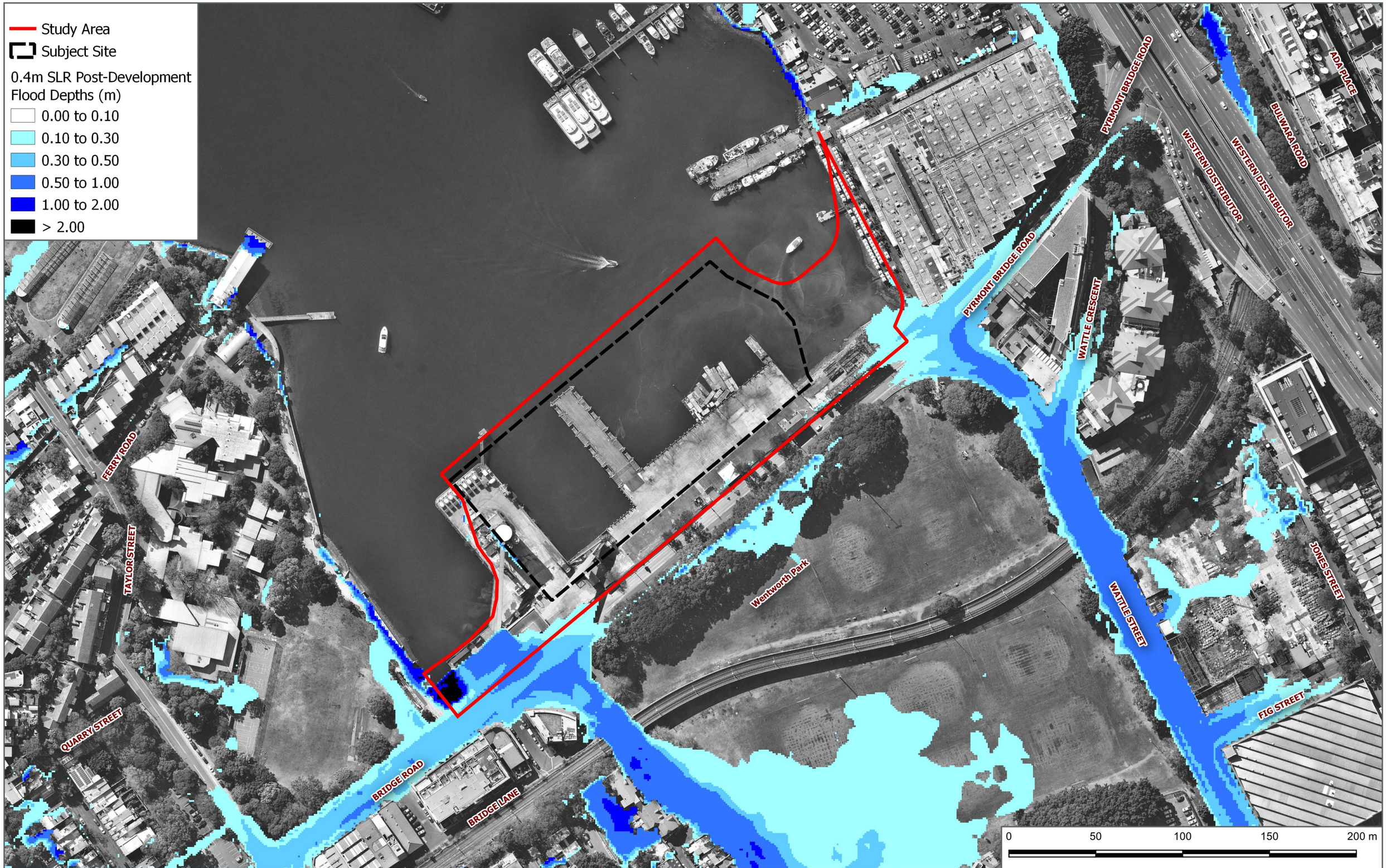
Sydney Fish Market

Proposed Scenario

Figure R4

0.2% AEP Peak Flood Water Level Difference

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015



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Sydney Fish Market

Proposed Scenario

Figure S1

1% AEP with 0.4m SLR Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

0.4m SLR Post-Development
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

0.4m SLR Post-Development
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
WATTLE CRESCENT
TAYLOR STREET
Wentworth Park
WATTLE STREET
JONES STREET
FIG STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE

0 50 100 150 200 m

Cardno

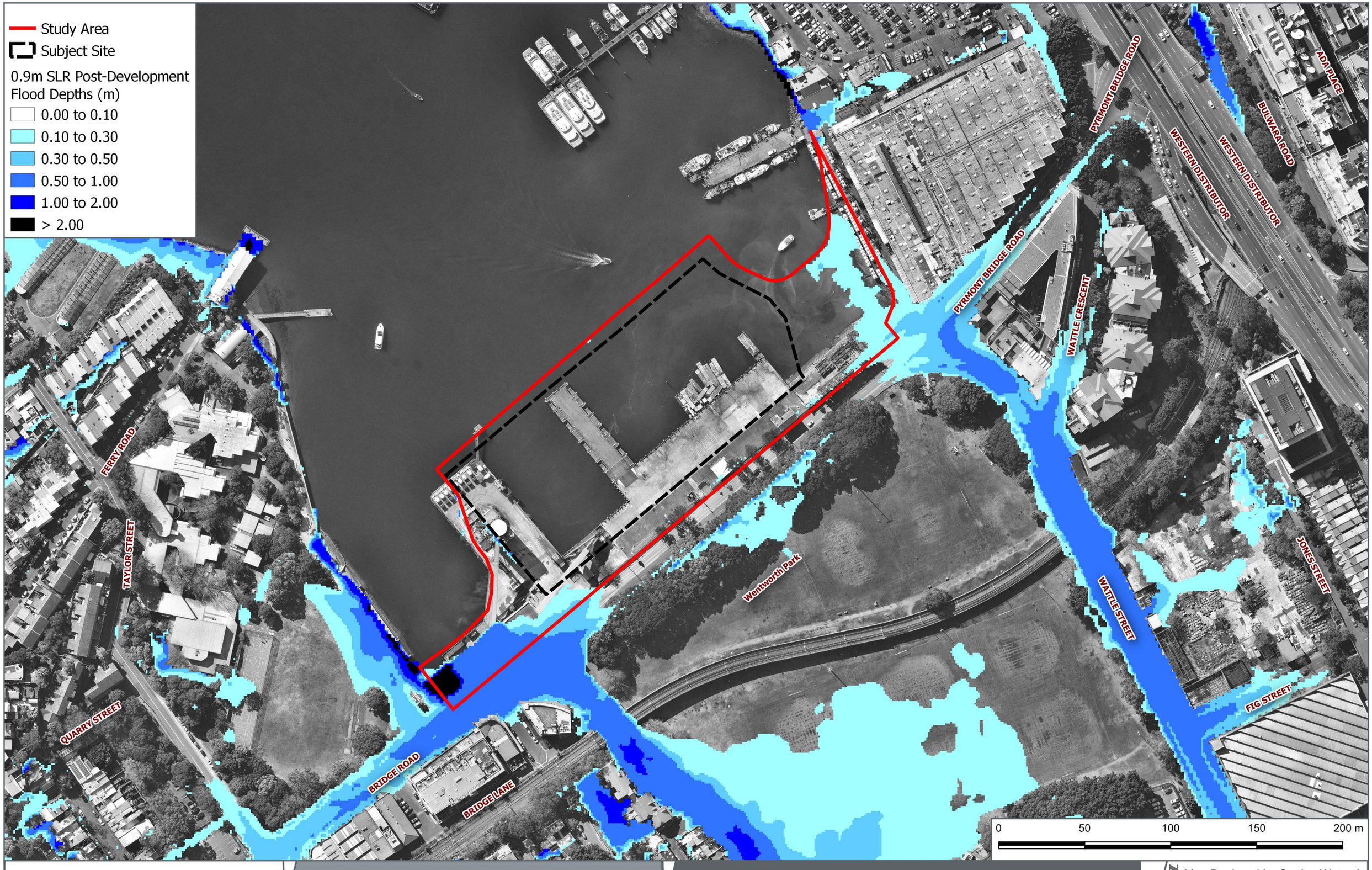
Sydney Fish Market

Proposed Scenario

Figure S2

1% AEP with 0.4m SLR Peak Flood Water Level Difference

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015



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Sydney Fish Market

Proposed Scenario

Figure S3

1% AEP with 0.9m SLR Peak Flood Depth

Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

Study Area
Subject Site

0.9m SLR Post-Development
Flood Water Level Difference (m)

- < -0.50
- -0.50 to -0.30
- -0.30 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- 0.20 to 0.50
- > 0.50

0.9m SLR Post-Development
Wet & Dry Analysis

- Was Wet, Now Dry
- Was Dry, Now Wet

PYRMONT BRIDGE ROAD
WESTERN DISTRIBUTOR
BULWARA ROAD
ADA PLACE
PYRMONT BRIDGE ROAD
WATTLE CRESCENT
TAYLOR STREET
Wentworth Park
WATTLE STREET
JONES STREET
QUARRY STREET
BRIDGE ROAD
BRIDGE LANE
FIG STREET

0 50 100 150 200 m

Cardno

Sydney Fish Market

Proposed Scenario

Figure S4

1% AEP with 0.9m SLR Peak Flood Water Level Difference

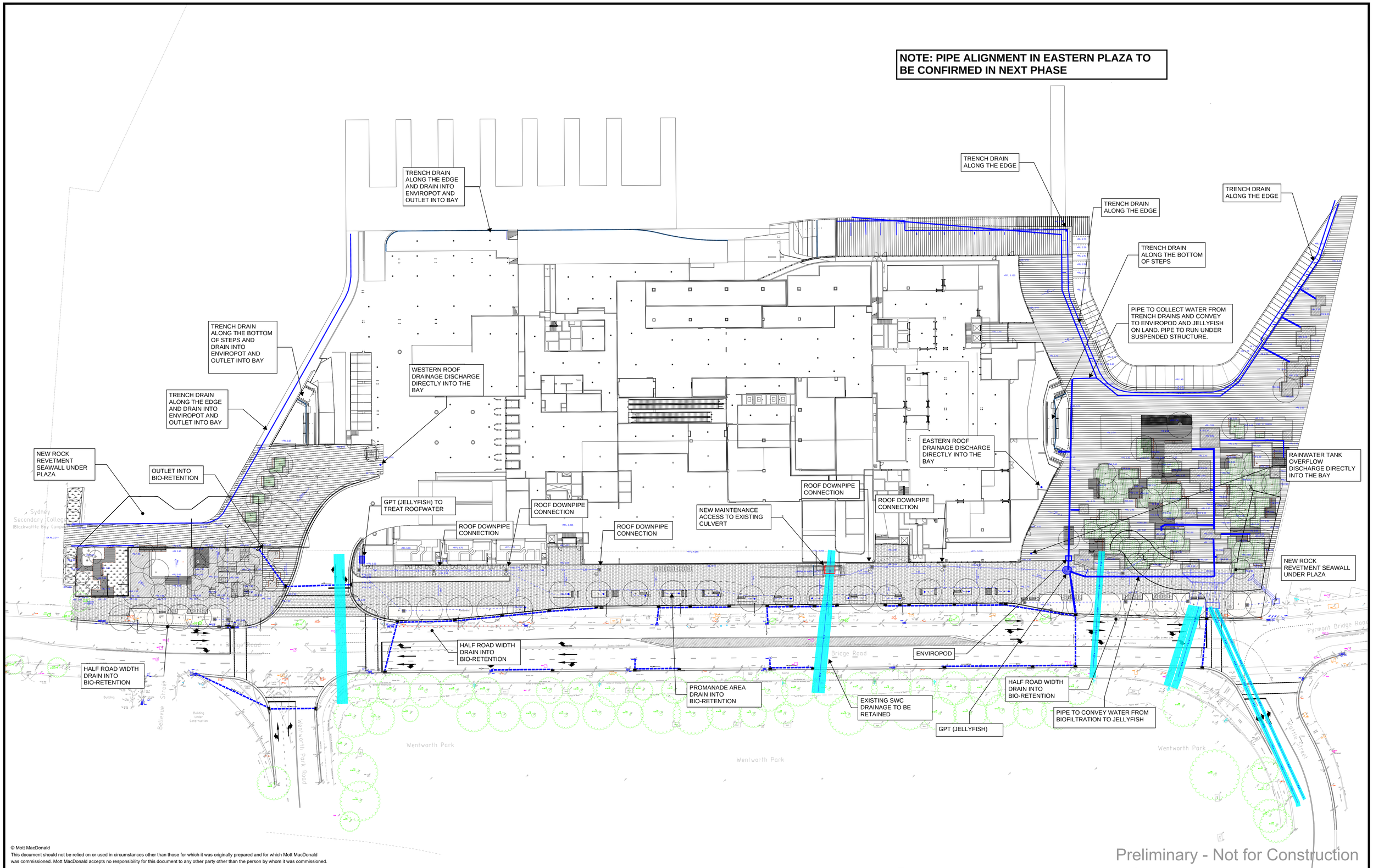
Map Produced by Cardno Water & Environment
Date: 30/9/2019
Coordinate System: MGA Zone 56
Project: 59918015

APPENDIX

I

STORMWATER MANAGEMENT PLAN

NOTE: PIPE ALIGNMENT IN EASTERN PLAZA TO BE CONFIRMED IN NEXT PHASE



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Preliminary - Not for Construction

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P3	26.09.19	SM	Issued for Information	BS	
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Title: SYDNEY FISH MARKET STORMWATER MANAGMENT PLAN

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Drawn			Coordination	B.Soo	
Dwg check			Approved	B.Soo	
Scale at A1	Status		Rev	Security	
1:250	PRE		P4	STD	

Drawing Number: MMD-385951-C-SK-CD-3000

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