

Legend

- Proposed Bund/Flood Wall
- Proposed Pipe Network
- Overland flowpath
- Proposed Basin
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filtere)

FIGURE J1.0
 1:50,000 Scale at A3

Hornsby Floodplain Risk Management Study and Plan
 Overall Figure
 Flood Mitigation Measures

Cardno
 Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concat(year(\$now), '-', month(\$now), '-', day(\$now) ,T, ' Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



FIGURE J1.1
1:1,500 Scale at A3

0 10 20 30 40 m

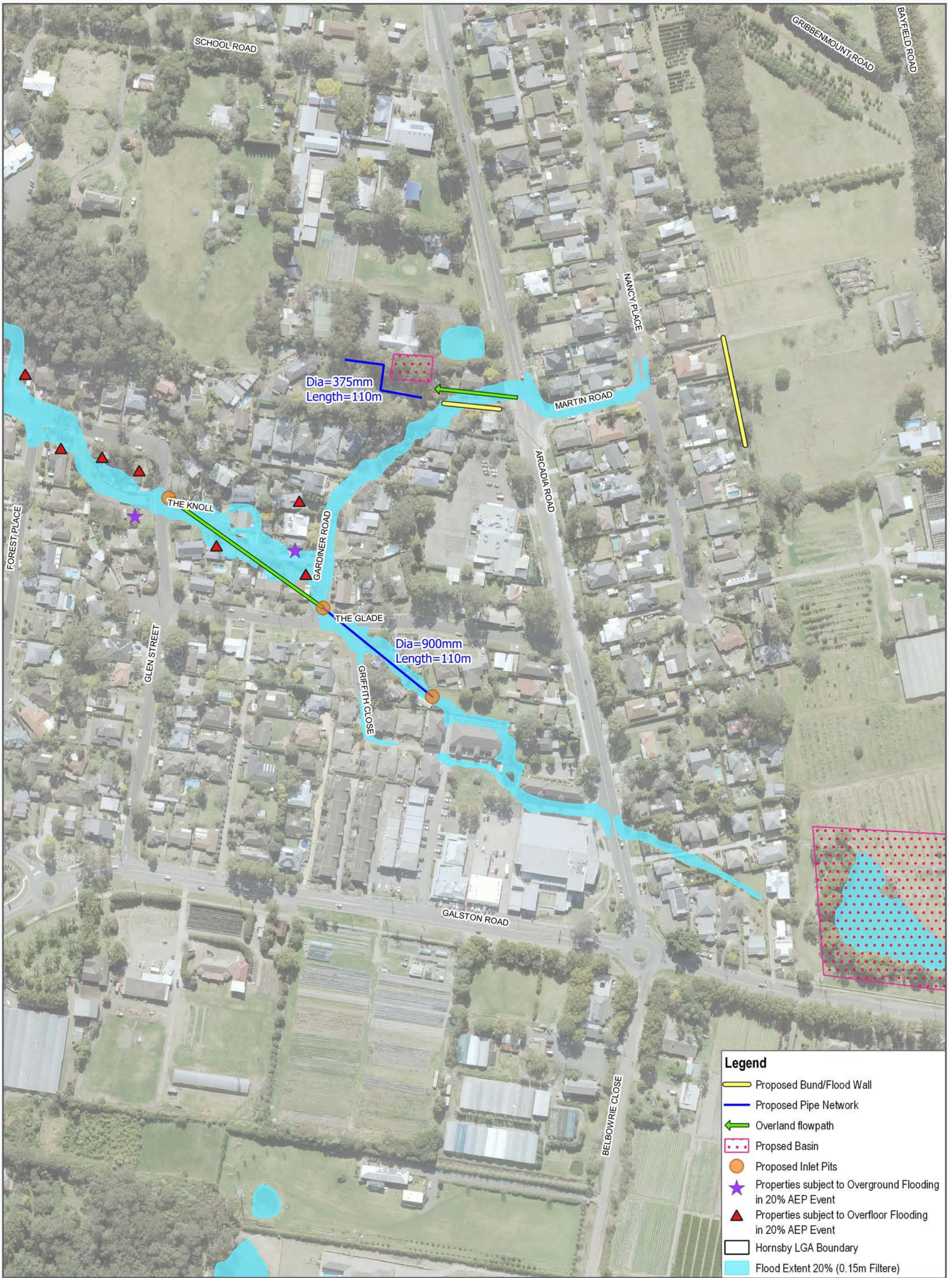
Hornsby Floodplain Risk Management Study and Plan

101-A
Flood Mitigation Measures

Legend

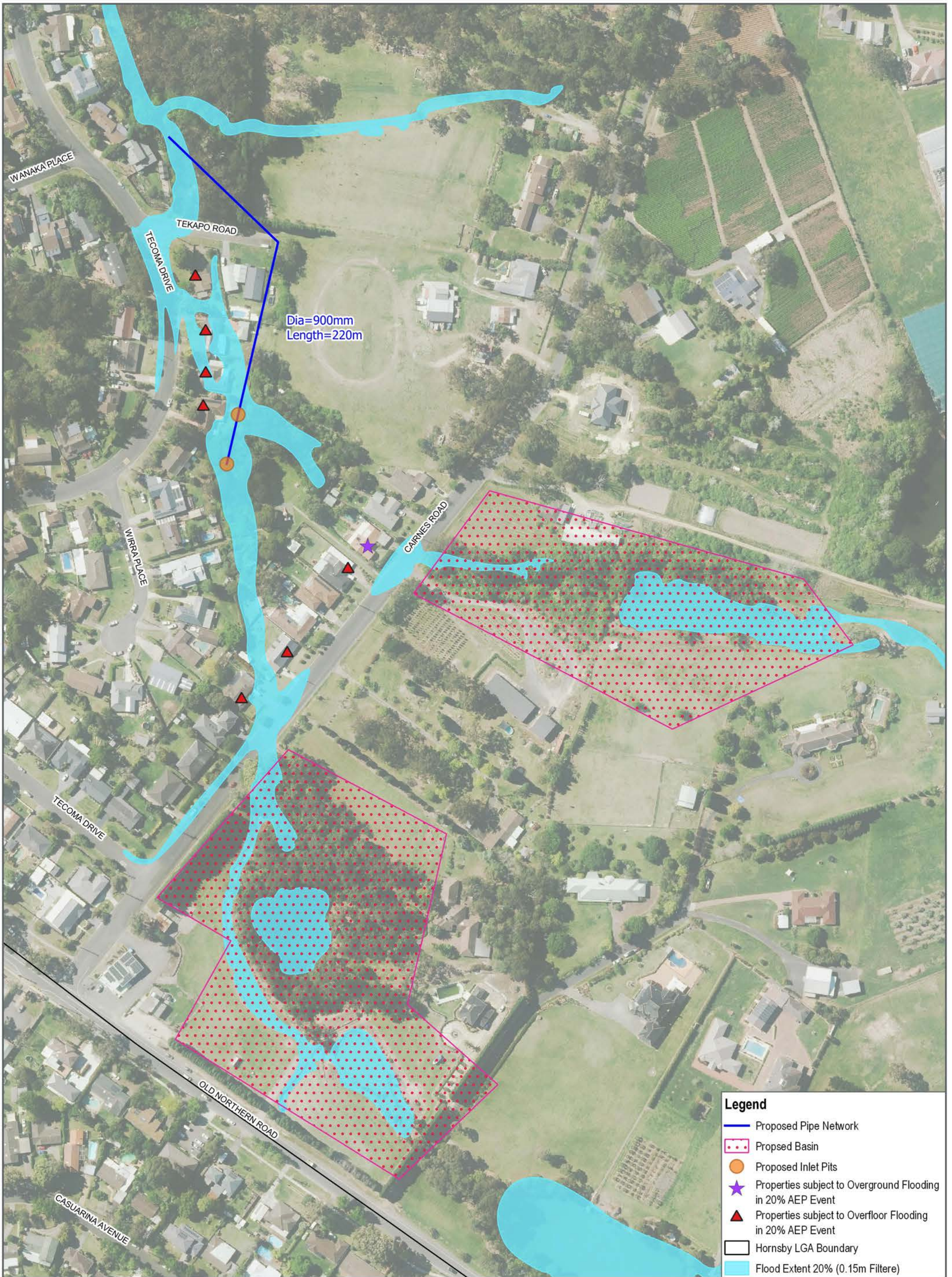
- Proposed Pipe Network
- Proposed Inlet Pits
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

Cardno
Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), "% month(Snow), "% day(Snow), "% Project: NW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Bund/Flood Wall
 - Proposed Pipe Network
 - ← Overland flowpath
 - Proposed Basin
 - Proposed Inlet Pits
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.2
 1:2,500 Scale at A3



Legend

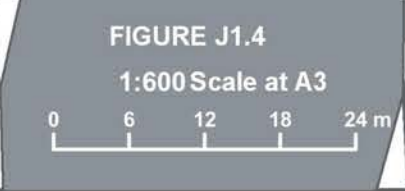
- Proposed Pipe Network
- Proposed Basin
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

FIGURE J1.3
 1:2,000 Scale at A3
 0 10 20 30 40 m



Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)



Hornsby Floodplain Risk Management Study and Plan
 103-A
 Flood Mitigation Measures

Cardno
 Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

FIGURE J1.5
 1:1,000 Scale at A3

0 10 20 30 40 m

Hornsby Floodplain Risk Management Study and Plan
 104-A
 Flood Mitigation Measures

Cardno
 Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006%)]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Pipe Network
 - Proposed Inlet Pits
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.6
1:1,000 Scale at A3



Hornsby Floodplain Risk Management Study and Plan
104-B
Flood Mitigation Measures

Cardno
Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), "% month(Snow), "% day(Snow), "% Project: NW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Pipe Network
 - Proposed Inlet Pits
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.7
 1:1,000 Scale at A3

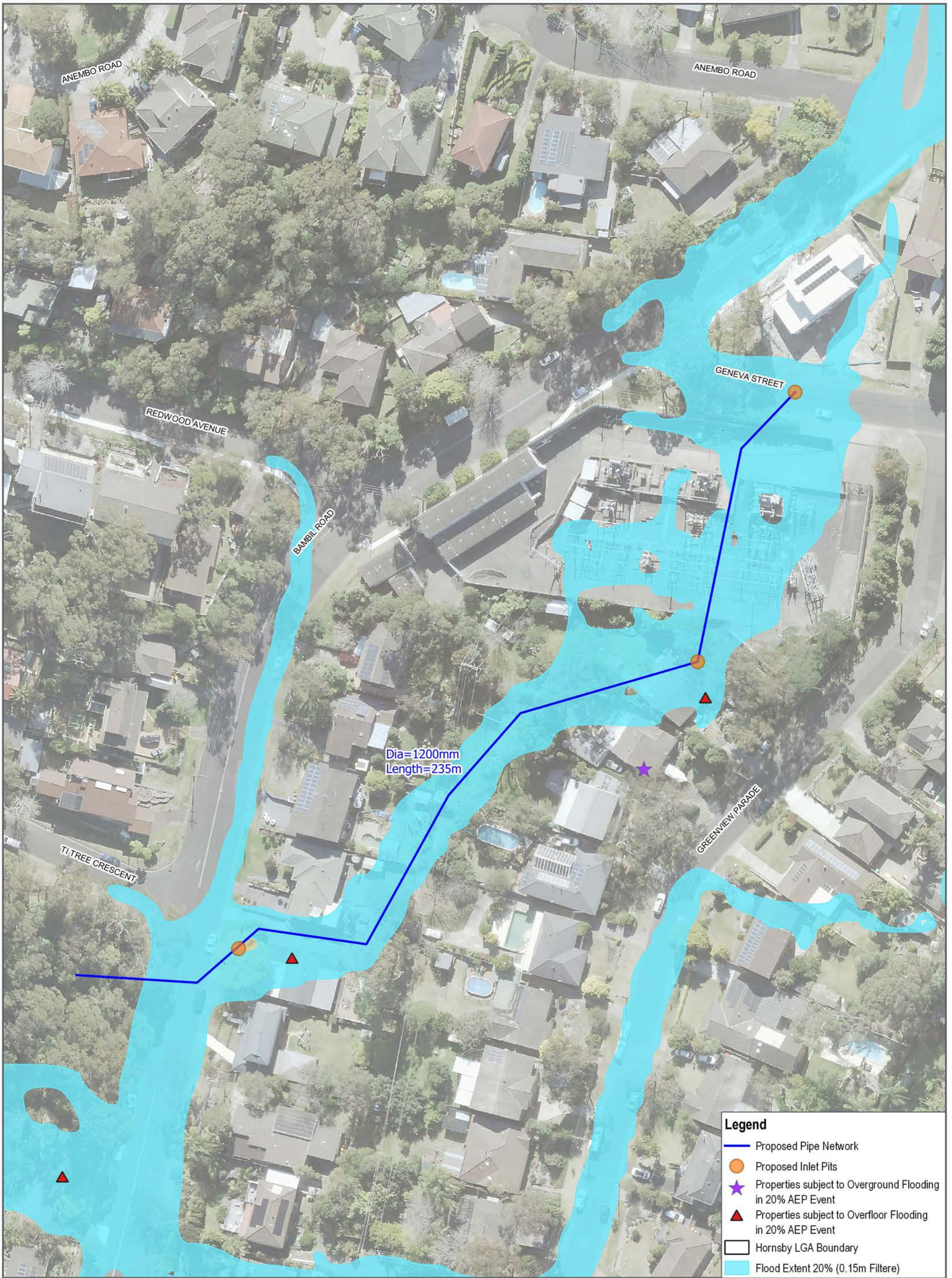
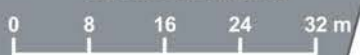


FIGURE J1.8
1:800 Scale at A3



Hornsby Floodplain Risk Management
Study and Plan

104-D
Flood Mitigation Measures

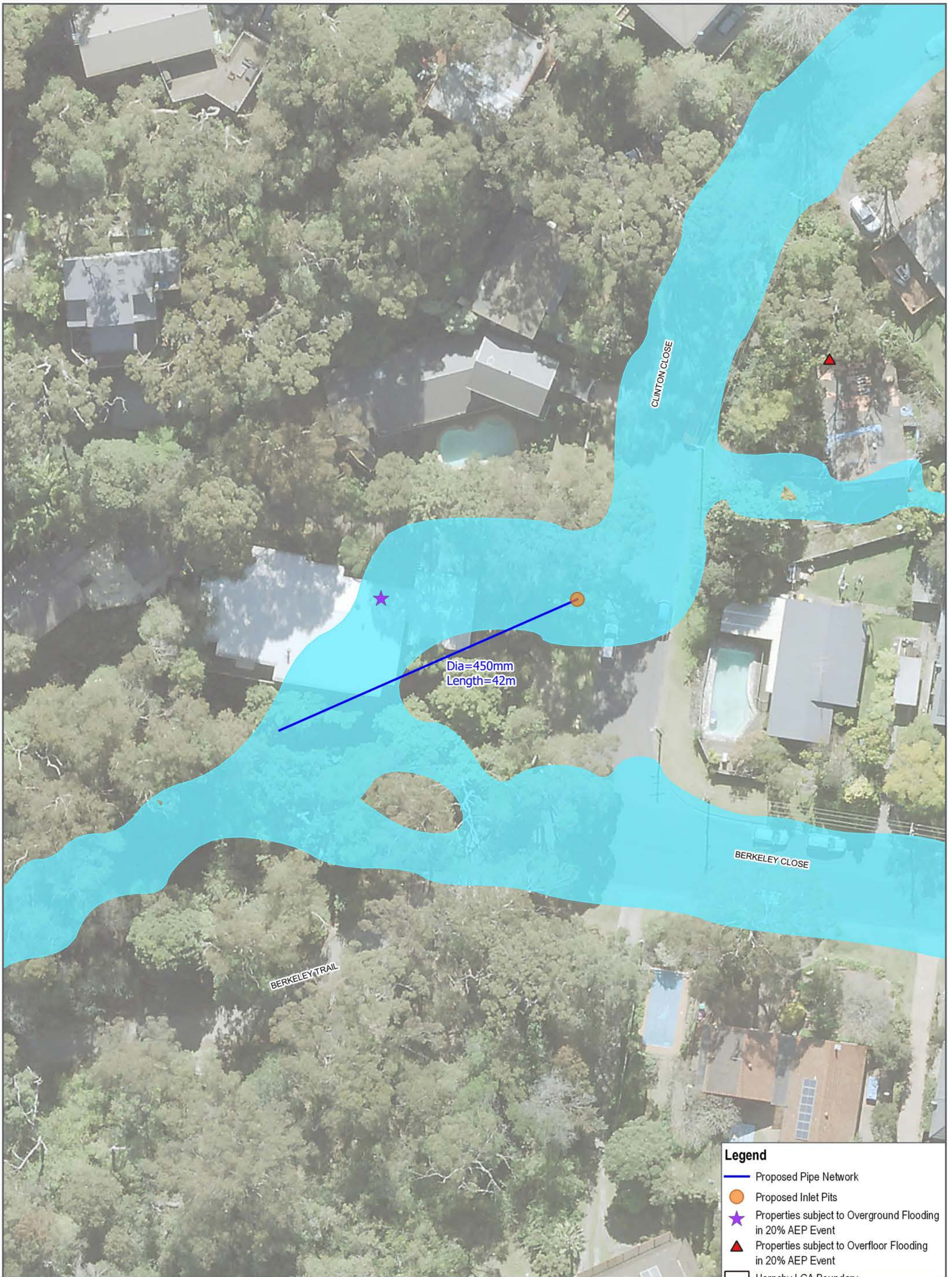
Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)



Cardno

Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", T, " Project: NW30006%)]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gpz



- Legend**
- Proposed Pipe Network
 - Proposed Inlet Pits
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

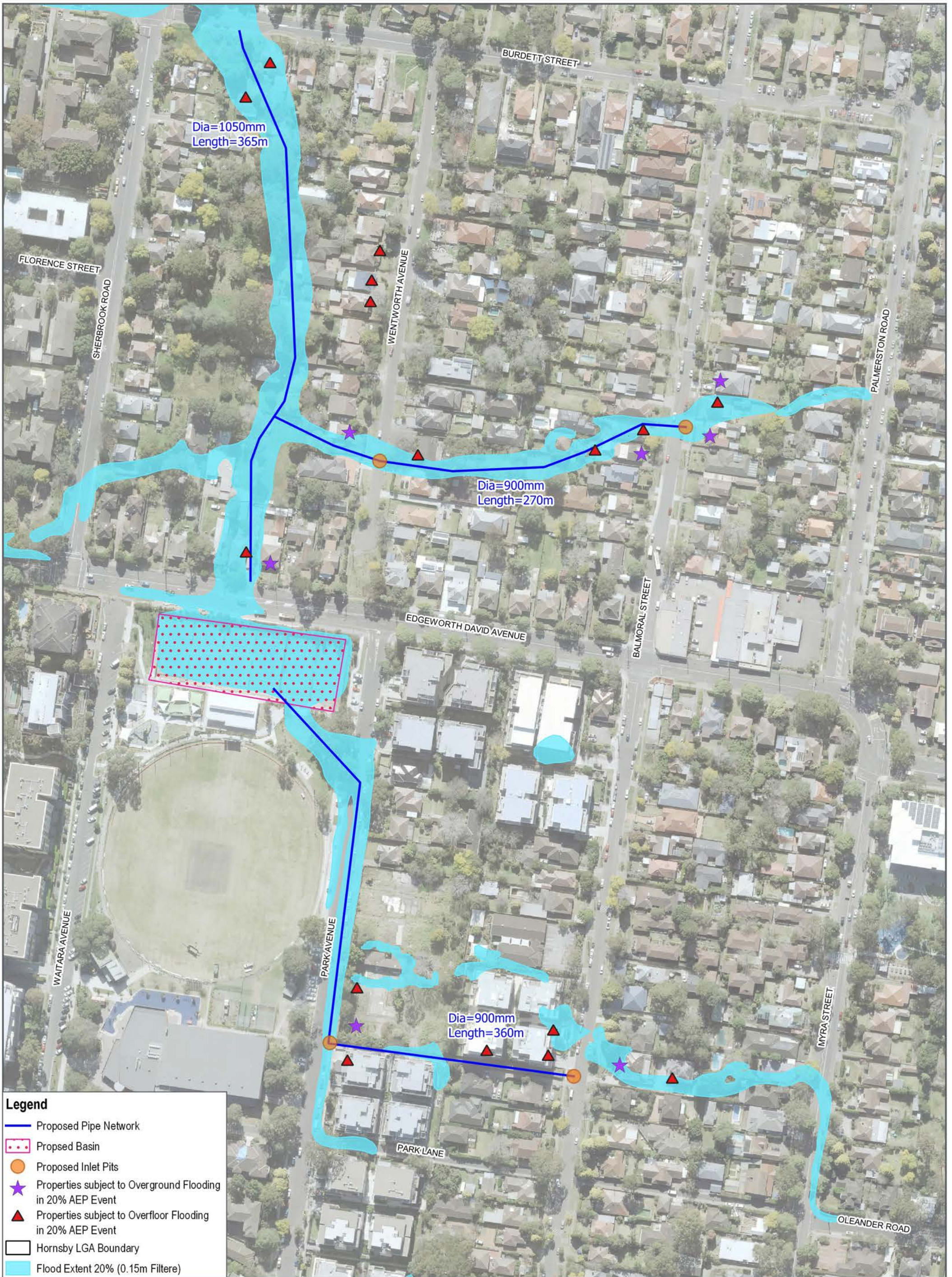
FIGURE J1.9
1:400 Scale at A3



Hornsby Floodplain Risk Management Study and Plan

104-E
Flood Mitigation Measures

Cardno
Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Pipe Network
 - Proposed Basin
 - Proposed Inlet Pits
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filtere)

FIGURE J1.10
 1:2,000 Scale at A3

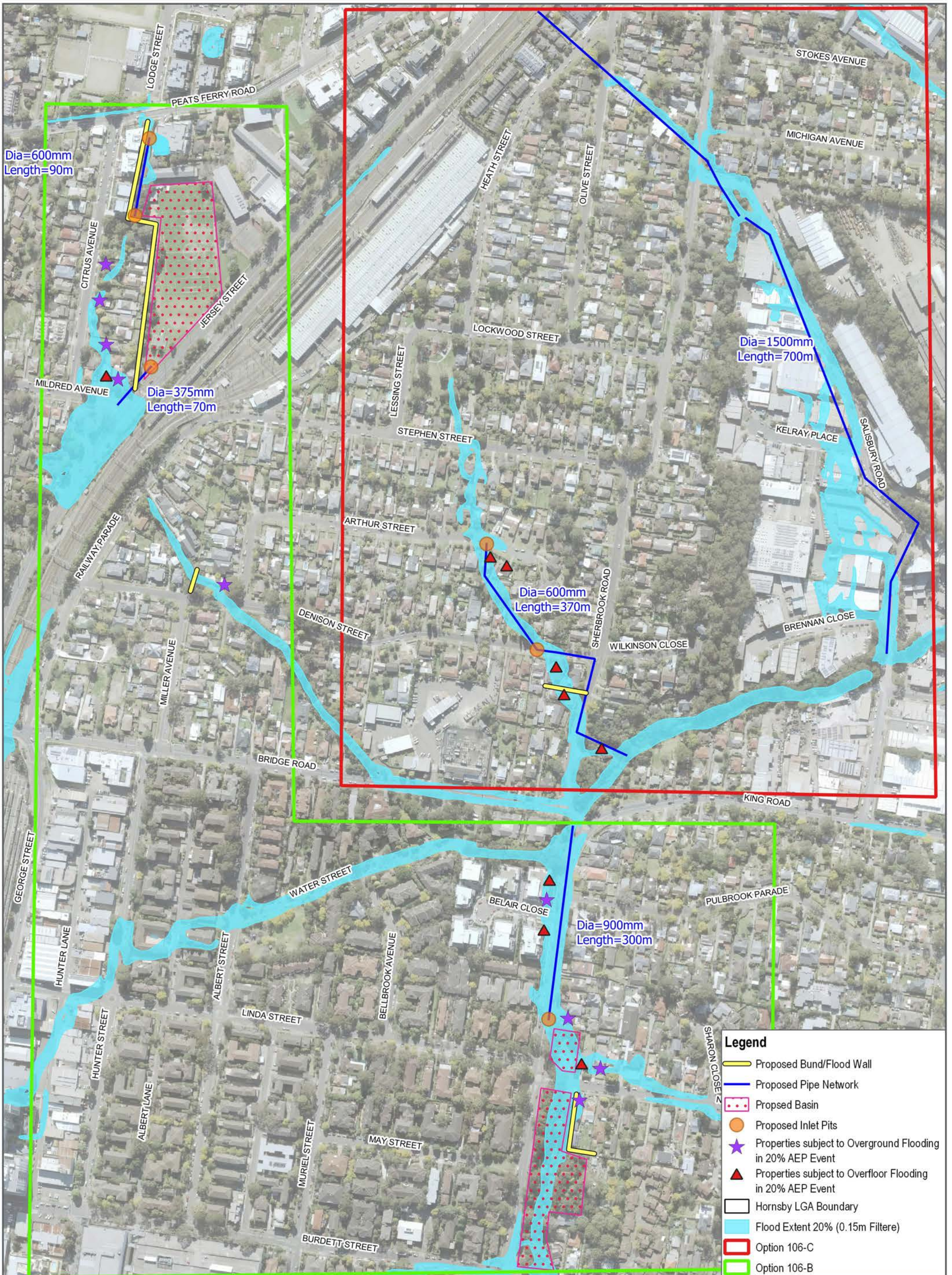


FIGURE J1.11
1:4,000 Scale at A3



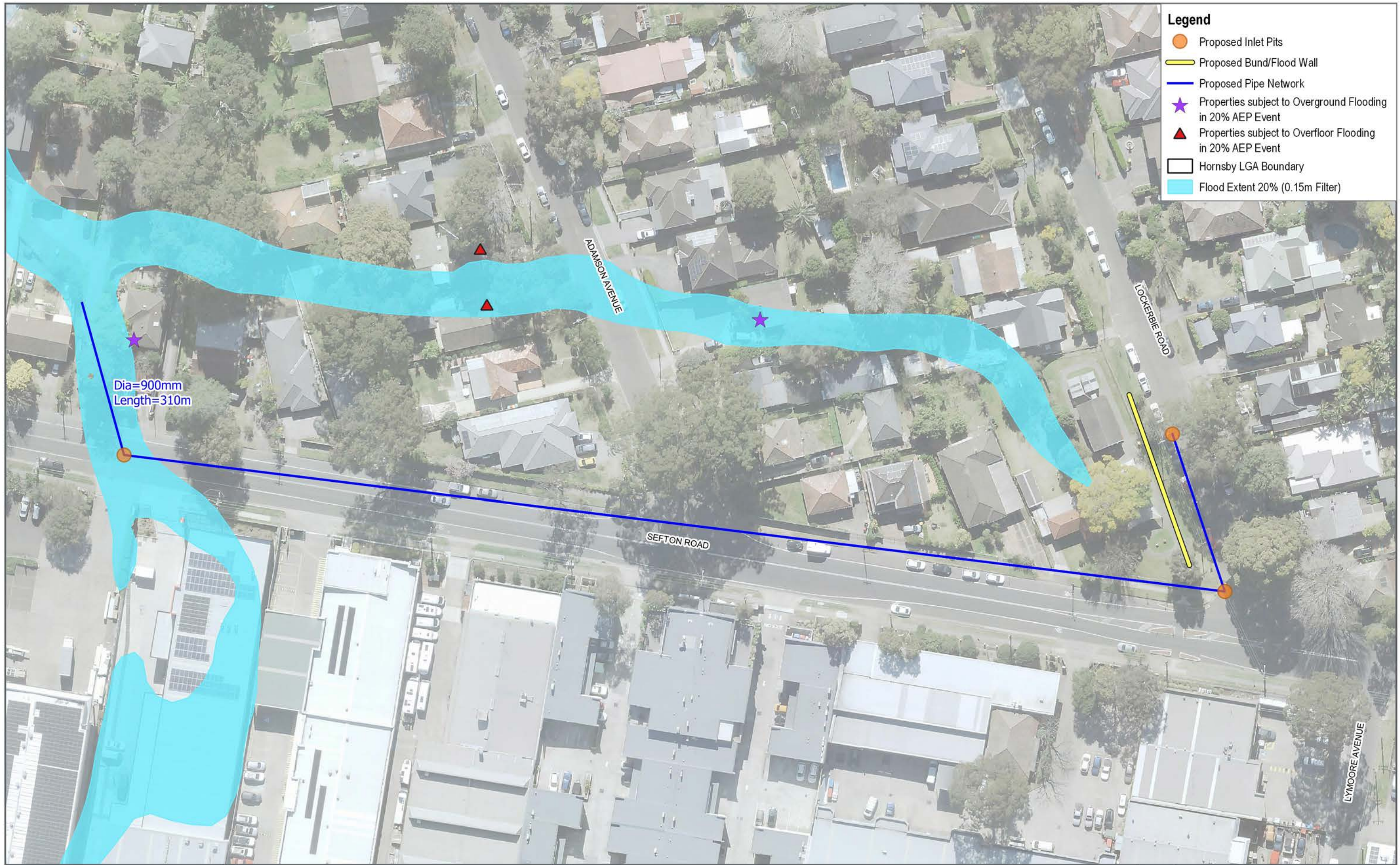
Hornsby Floodplain Risk Management Study and Plan

106-B&106-C
Flood Mitigation Measures



Cardno

Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), ", ", month(Snow), ", ", day(Snow), " ", Project: NW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gpz



- Legend**
- Proposed Inlet Pits
 - Proposed Bund/Flood Wall
 - Proposed Pipe Network
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

Dia=900mm
Length=310m

FIGURE J1.12

1:800 Scale at A3



Hornsby Floodplain Risk Management Study and Plan

107-A
Flood Mitigation Measures



Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concat(year(Snow), '-', month(Snow), '-', day(Snow)], 'T', Project: MW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.qgz



FIGURE J1.13
1:1,500 Scale at A3
0 10 20 30 40 m

Hornsby Floodplain Risk Management
Study and Plan
107-B
Flood Mitigation Measures

Legend

- Proposed Bund/Flood Wall
- Proposed Pipe Network
- Proposed Inlet Pits
- Properties subject to Overground Flooding in 20% AEP Event
- Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)



- Legend**
- Proposed Inlet Pits
 - Proposed Bund/Flood Wall
 - Proposed Pipe Network
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.14
 1:1,500 Scale at A3
 0 10 20 30 40 m

Hornsby Floodplain Risk Management Study and Plan
 107-C
 Flood Mitigation Measures



- Legend**
- Proposed Pipe Network
 - Proposed Basin
 - Proposed Inlet Pits
 - ★ Properties subject to Overground Flooding in 20% AEP Event
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.15
 1:1,500 Scale at A3
 0 10 20 30 40 m



Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

FIGURE J1.16
 1:1,200 Scale at A3
 0 10 20 30 40 m

Hornsby Floodplain Risk Management Study and Plan
 107-E
 Flood Mitigation Measures



- Legend**
- Proposed Pipe Network
 - Proposed Basin
 - Proposed Inlet Pits
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.17
 1:2,500 Scale at A3
 0 20 40 60 80 m

Hornsby Floodplain Risk Management Study and Plan
 108-A
 Flood Mitigation Measures

Cardno
 Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



Legend

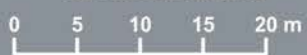
- Proposed Pipe Network
- Proposed Basin
- Proposed Inlet Pits
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filtere)

FIGURE J1.18
 1:3,000 Scale at A3
 0 20 40 60 80 m



FIGURE J1.19

1:600 Scale at A3



Hornsby Floodplain Risk Management Study and Plan

108-C
Flood Mitigation Measures

Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)



Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



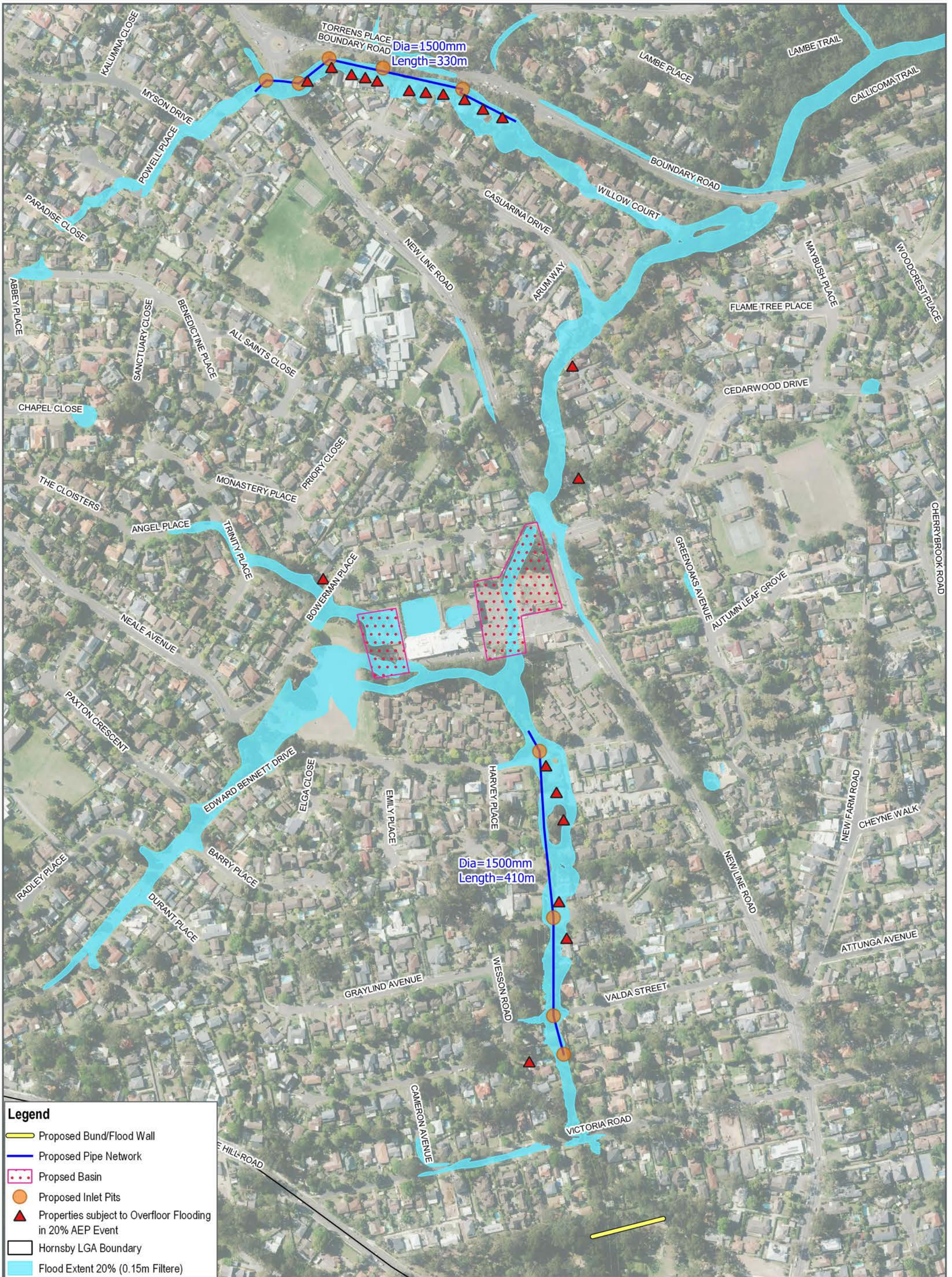
Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

FIGURE J1.20
 1:700 Scale at A3

Hornsby Floodplain Risk Management Study and Plan
 108-D
 Flood Mitigation Measures

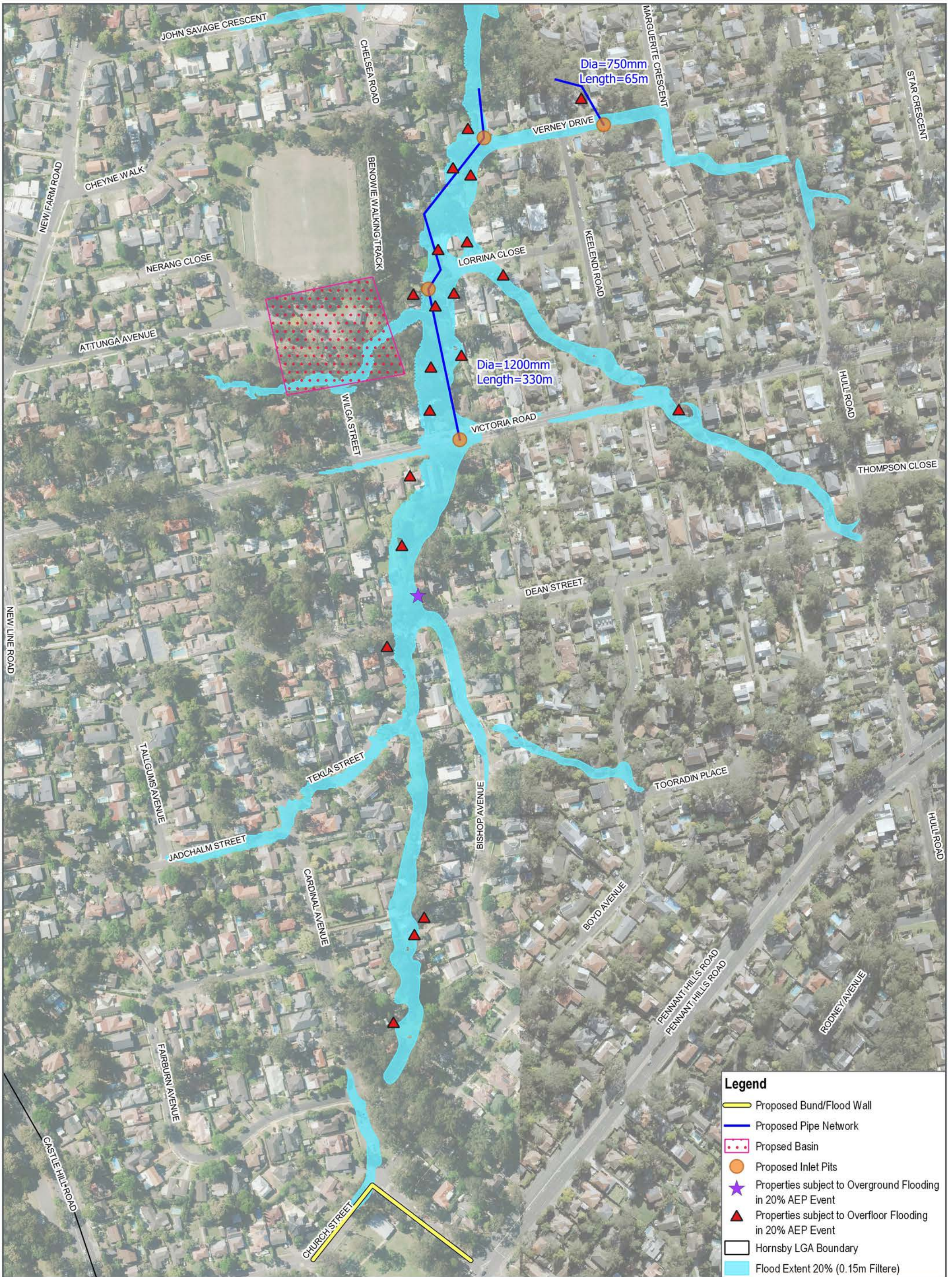
Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), ':', month(Snow), '-', day(Snow), 'T:', Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Bund/Flood Wall
 - Proposed Pipe Network
 - Proposed Basin
 - Proposed Inlet Pits
 - Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filtere)

FIGURE J1.21
 1:4,000 Scale at A3
 0 30 60 90 120 m

Hornsby Floodplain Risk Management Study and Plan
 109-A
 Flood Mitigation Measures



Legend

- Proposed Bund/Flood Wall
- Proposed Pipe Network
- Proposed Basin
- Proposed Inlet Pits
- Properties subject to Overground Flooding in 20% AEP Event
- Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)

FIGURE J1.22
1:3,000 Scale at A3

Hornsby Floodplain Risk Management Study and Plan
109-C
Flood Mitigation Measures



FIGURE J1.23
1:3,000 Scale at A3



Hornsby Floodplain Risk Management Study and Plan

109-D
Flood Mitigation Measures



Cardno

Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concat(year(Snow), '-', month(Snow), '-', day(Snow)], T, ' Project: NW30006)%]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gxz



FIGURE J1.24

1:800 Scale at A3

0 8 16 24 32 m

Hornsby Floodplain Risk Management Study and Plan

109-E
Flood Mitigation Measures

Legend

- Proposed Pipe Network
- Proposed Inlet Pits
- ★ Properties subject to Overground Flooding in 20% AEP Event
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filter)



Cardno

Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



- Legend**
- Proposed Inlet Pits
 - Proposed Pipe Network
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.25

1:1,500 Scale at A3
 0 10 20 30 40 m

Hornsby Floodplain Risk Management Study and Plan

109-G
 Flood Mitigation Measures

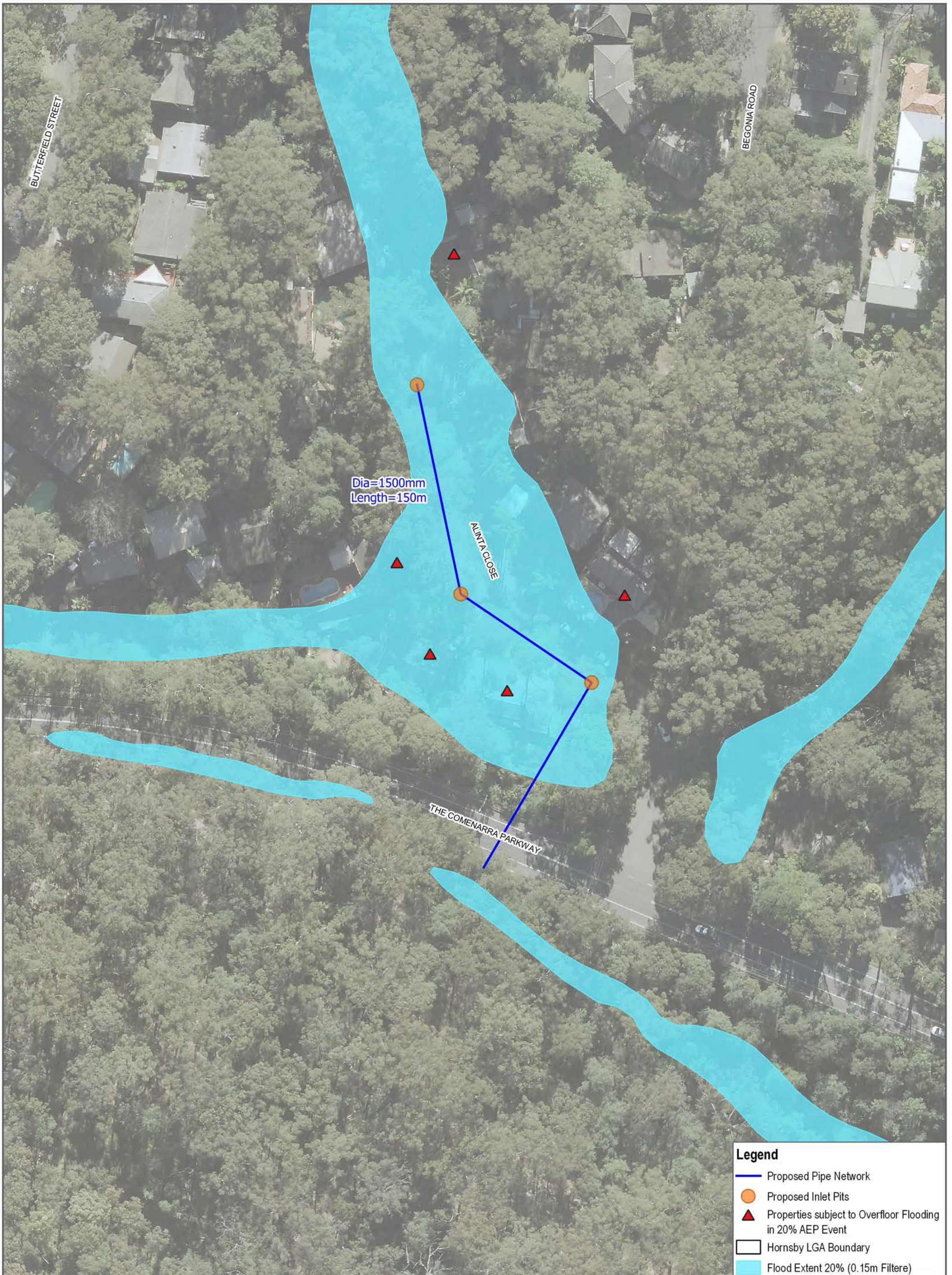


Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concat(year(Snow), '-', month(Snow), '-', day(Snow))]
 Project: MW30006[%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.qgz



FIGURE J1.26
1:1,650 Scale at A3
0 10 20 30 40 m

Hornsby Floodplain Risk Management Study and Plan
109-H
Flood Mitigation Measures



- Legend**
- Proposed Pipe Network
 - Proposed Inlet Pits
 - ▲ Properties subject to Overfloor Flooding in 20% AEP Event
 - Hornsby LGA Boundary
 - Flood Extent 20% (0.15m Filter)

FIGURE J1.27
 1:800 Scale at A3

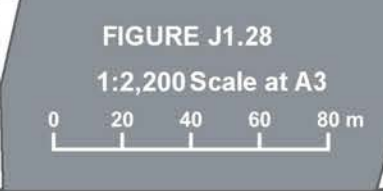
Hornsby Floodplain Risk Management Study and Plan
 210-A
 Flood Mitigation Measures

Cardno
 Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(\$now), "%", day(Snow), "%", T, " Project: NW30006)%"]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gxz



Legend

- Proposed Bund/Flood Wall
- Proposed Pipe Network
- Proposed Inlet Pits
- ▲ Properties subject to Overfloor Flooding in 20% AEP Event
- Hornsby LGA Boundary
- Flood Extent 20% (0.15m Filtere)



Hornsby Floodplain Risk Management Study and Plan
212-A
Flood Mitigation Measures

Cardno

Map Produced by Cardno Now Stantec (NatW&E)
Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006%)]
Coordinate System: MGA Zone 56
Map: Flood_Mitigation_Options.gpz



FIGURE J1.29

1:1,500 Scale at A3



Hornsby Floodplain Risk Management Study and Plan

212-B
Flood Mitigation Measures



Cardno

Map Produced by Cardno Now Stantec (NatW&E)
 Date: [% concal(year(Snow), "%", month(Snow), "%", day(Snow), "%", Project: NW30006)%]
 Coordinate System: MGA Zone 56
 Map: Flood_Mitigation_Options.gpz