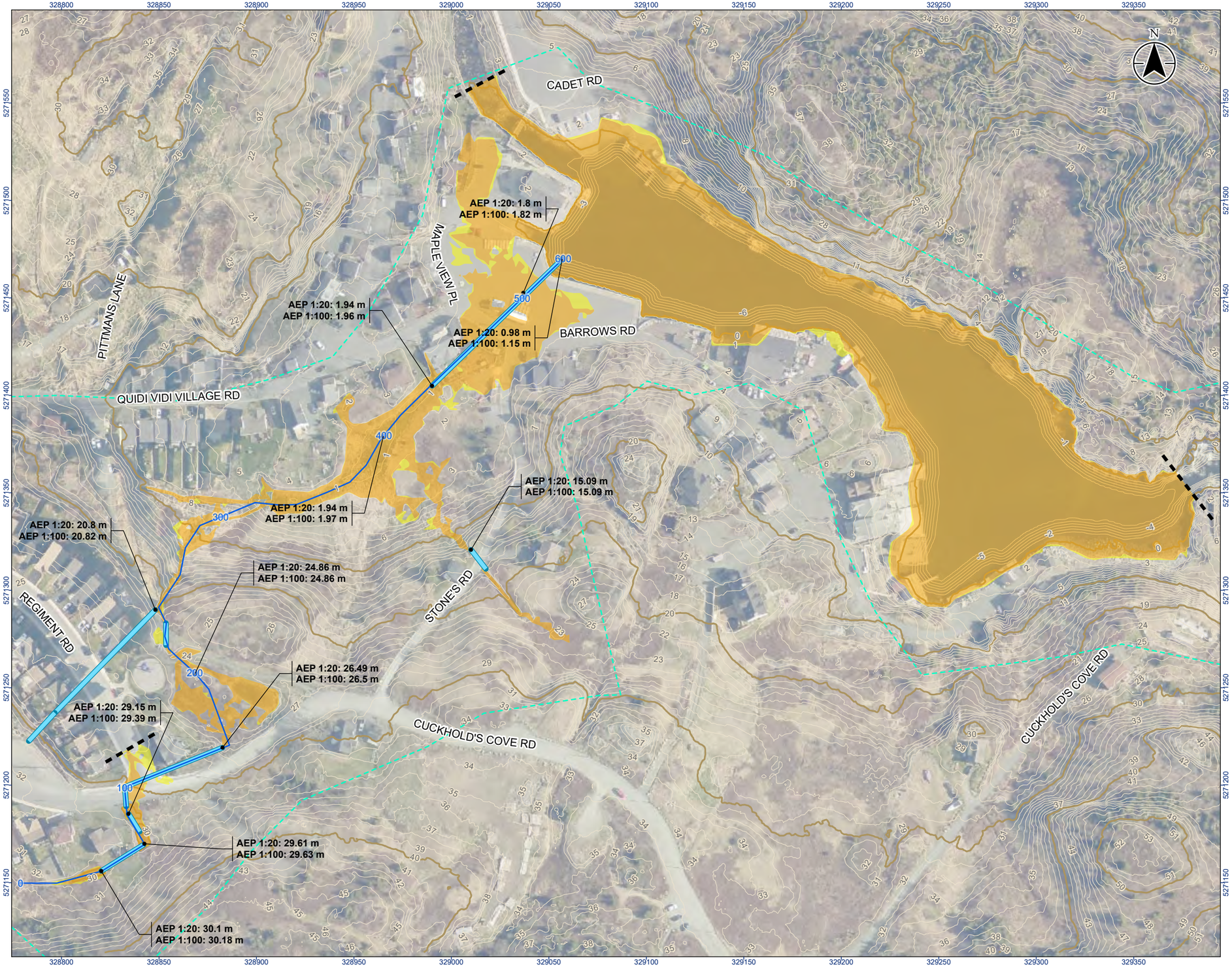
Appendix E-1 Floodline Maps



Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

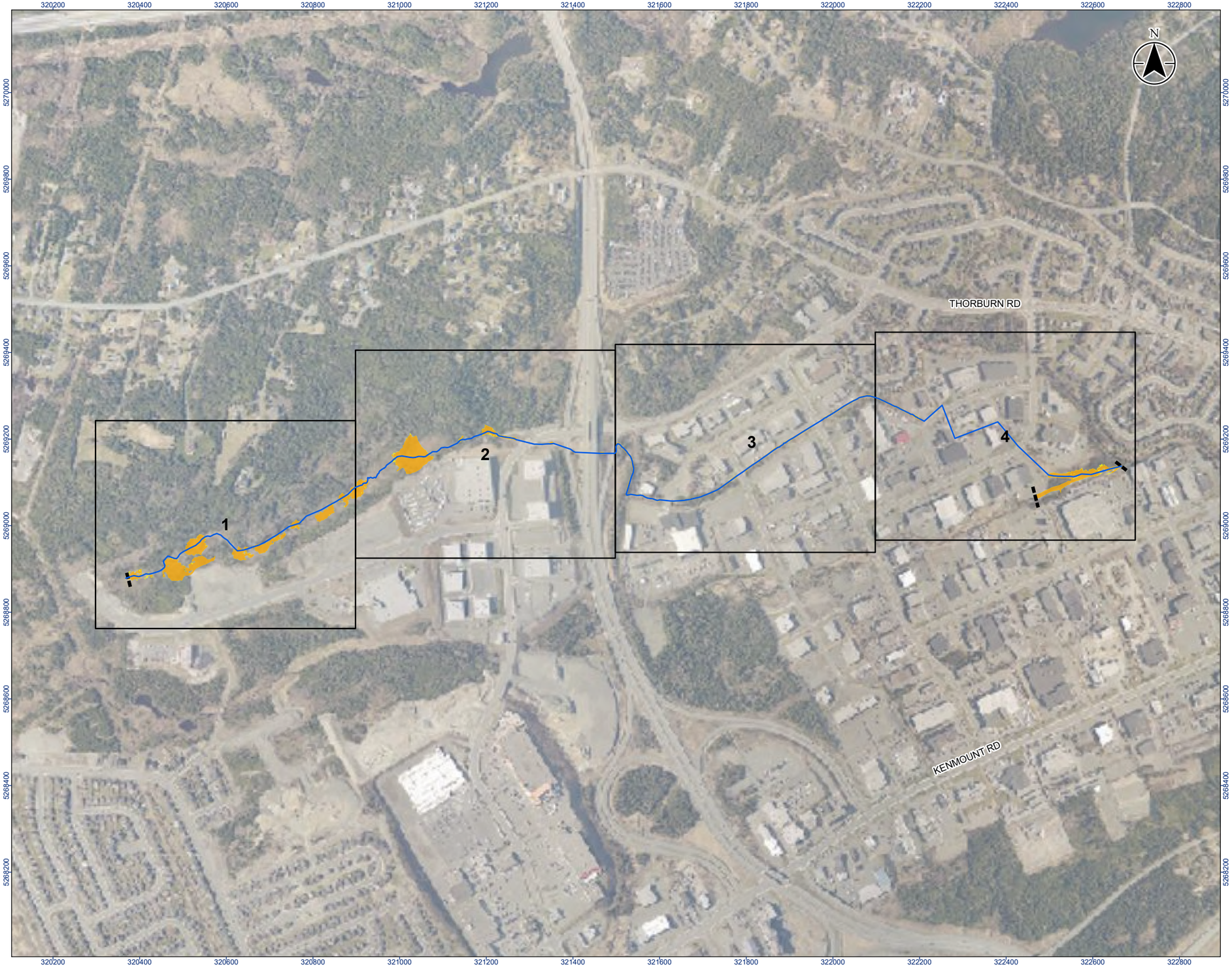
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
1-0

Title
Current Climate Condition
AEP Flood Zone - Barrow Road Stream

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 175 350 m

1:9,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

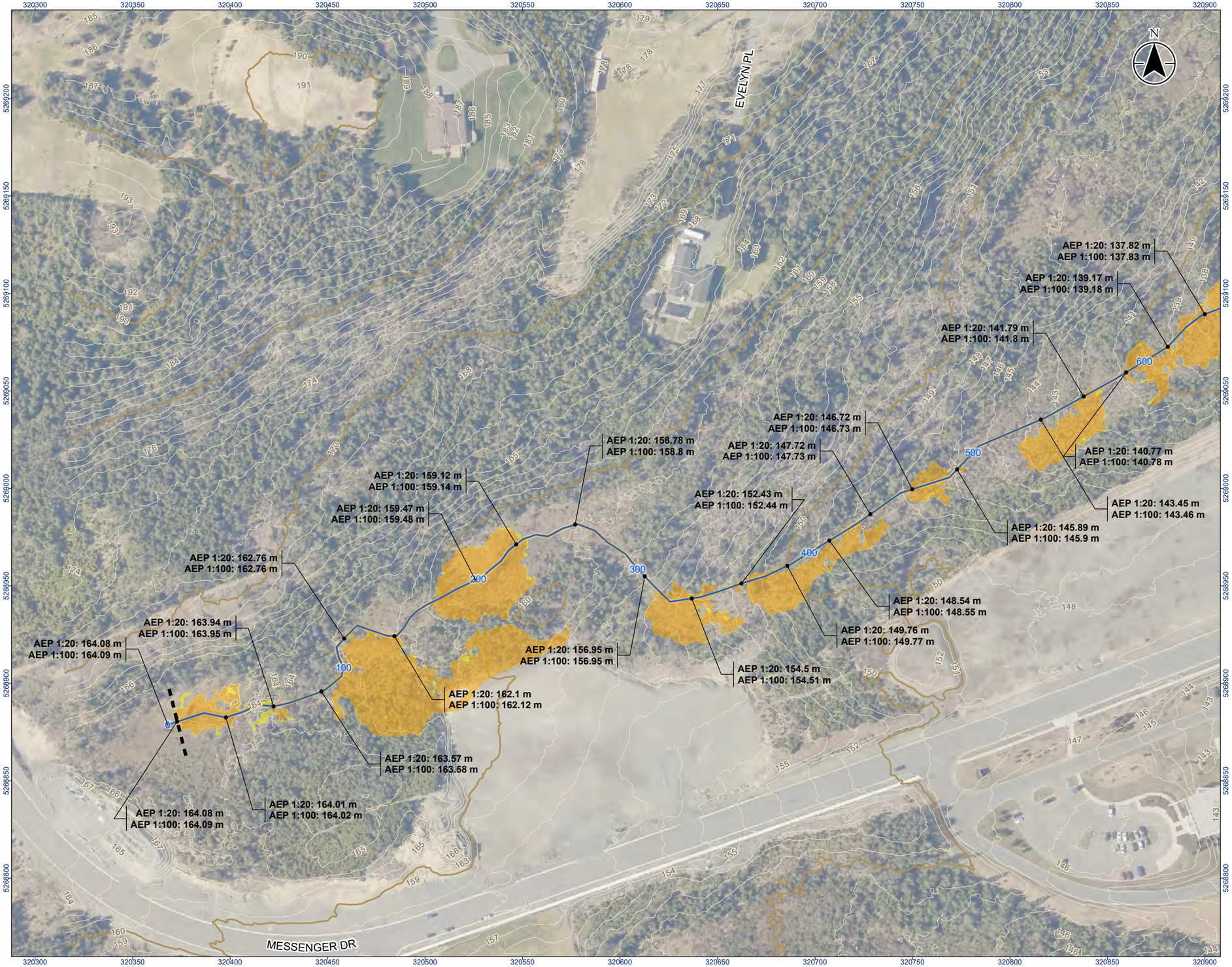
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
2-0

Title
Current Climate Condition
AEP Flood Zone - Holes In Marsh Brook
Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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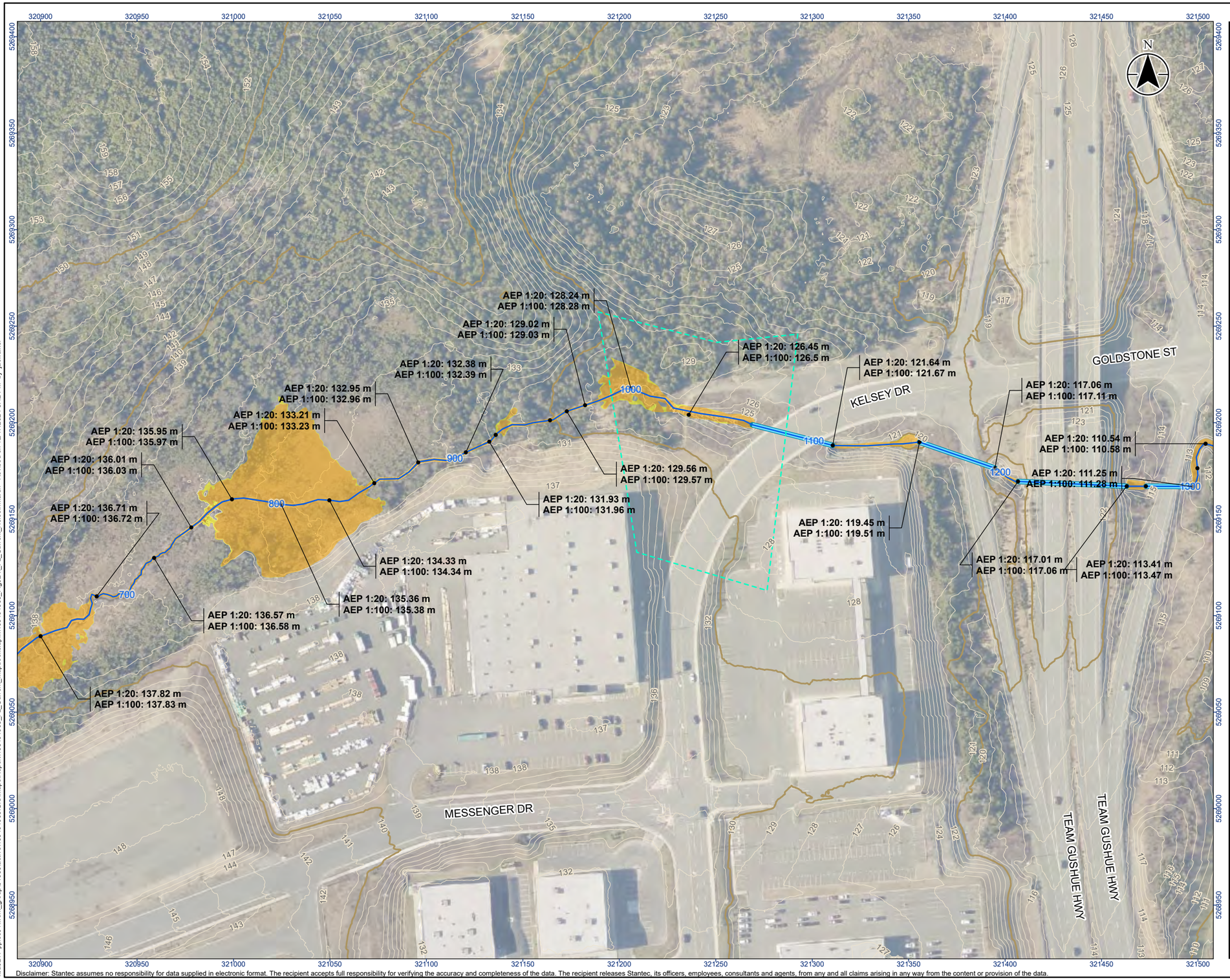
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
2-1

Title
Current Climate Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 1 of 4

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Stantec

Legend

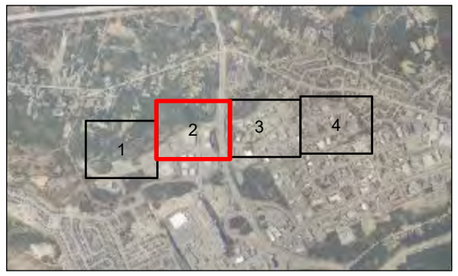
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
2-2

Title
Current Climate Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 2 of 4

\\ca0217-pfss01\work_group\01656\active\163401903\GIS\Maps\Report\163401903_FL_Current_Mapbooks.aprx\163401903_Fig02-x_FL_Current_HolesInMarsh Revised on 12/17/2024 3:42 PM by jacwalker

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Legend

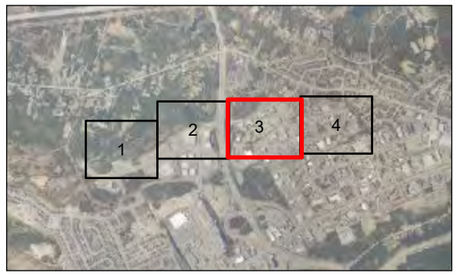
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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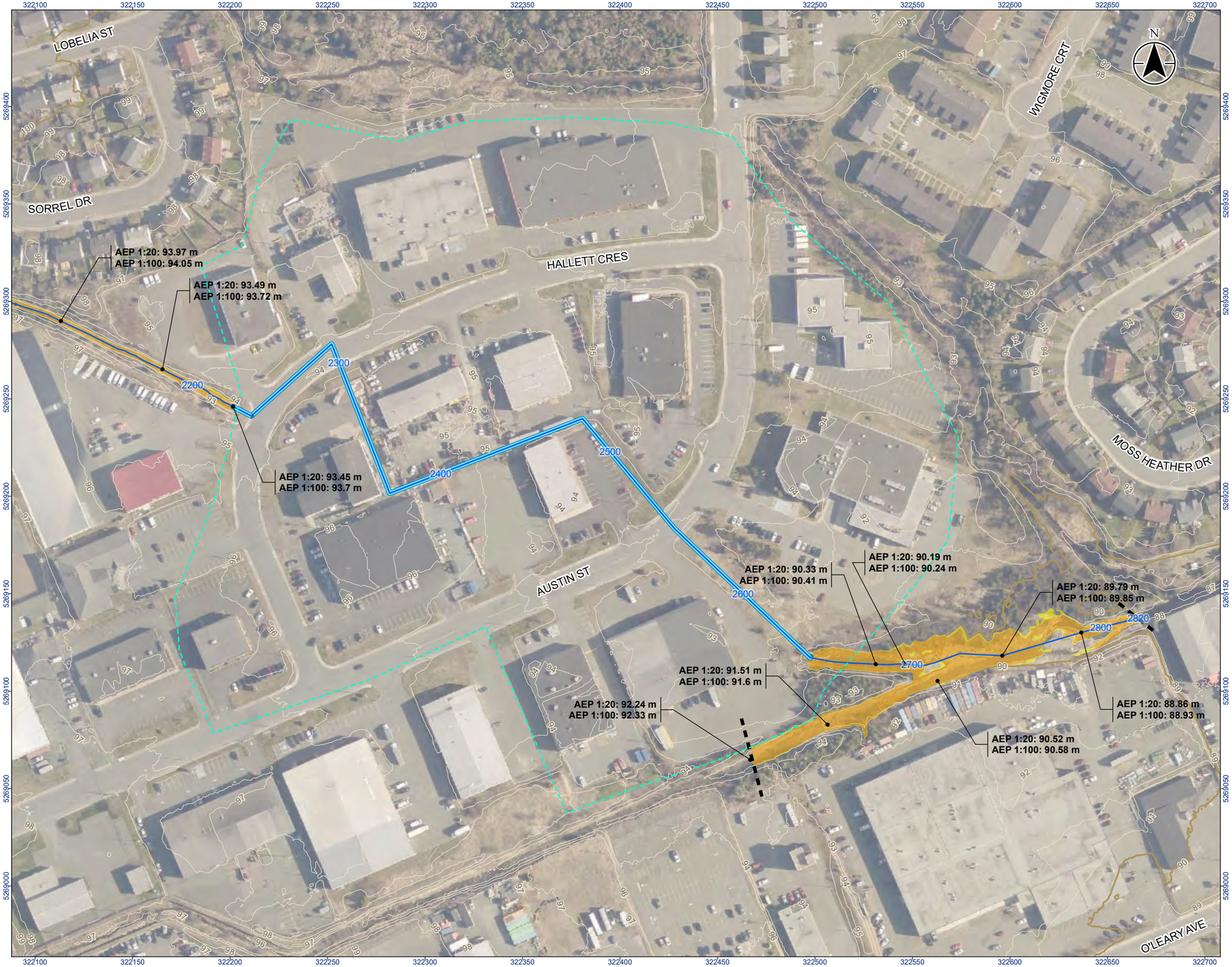
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
2-3

Title
Current Climate Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 3 of 4

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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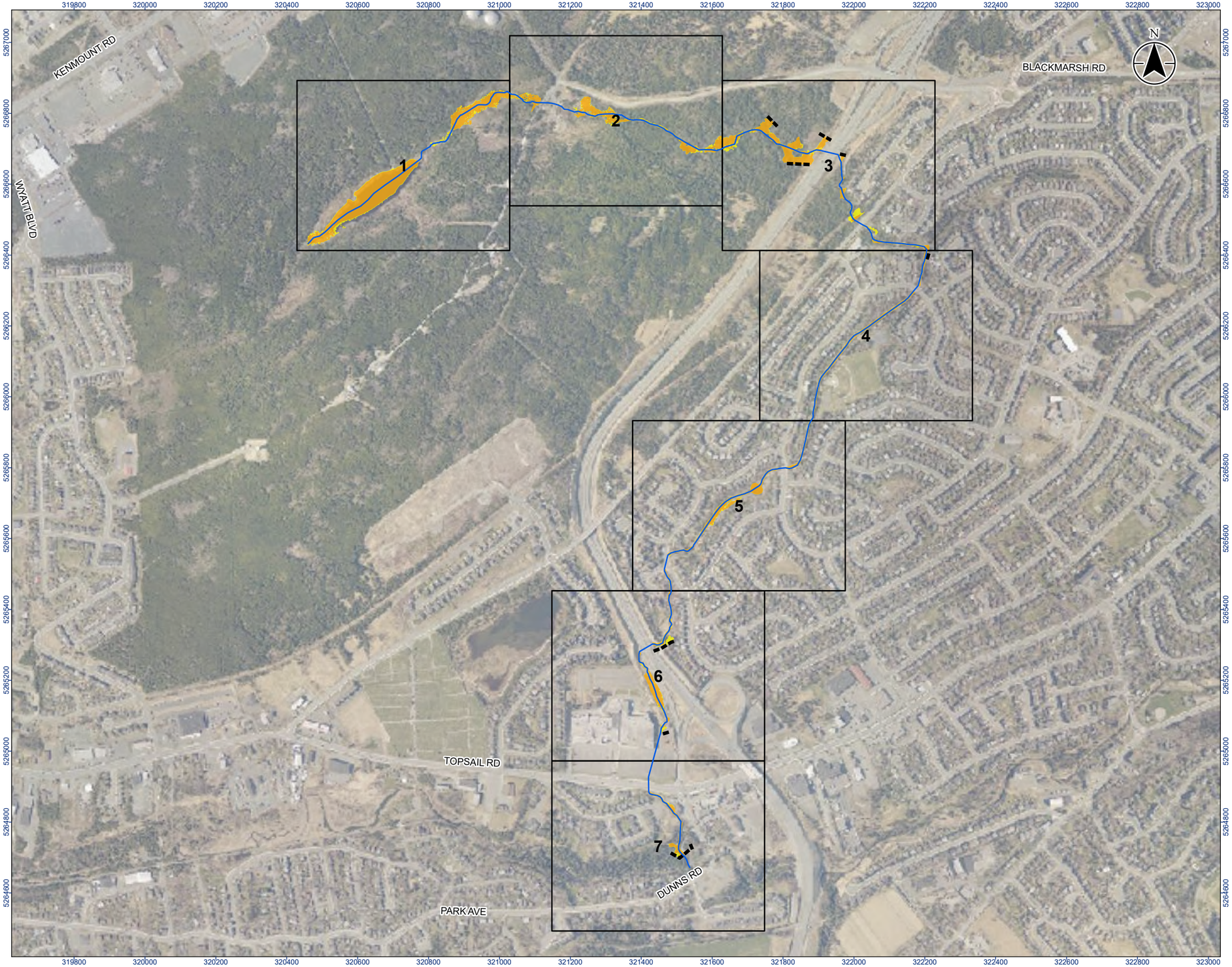
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
2-4

Title
Current Climate Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 4 of 4

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Stantec

Legend

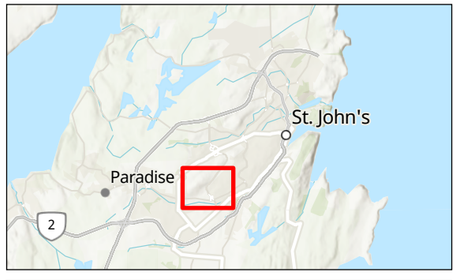
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 210 420 m

1:11,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kebuchanan on 2024-12-19

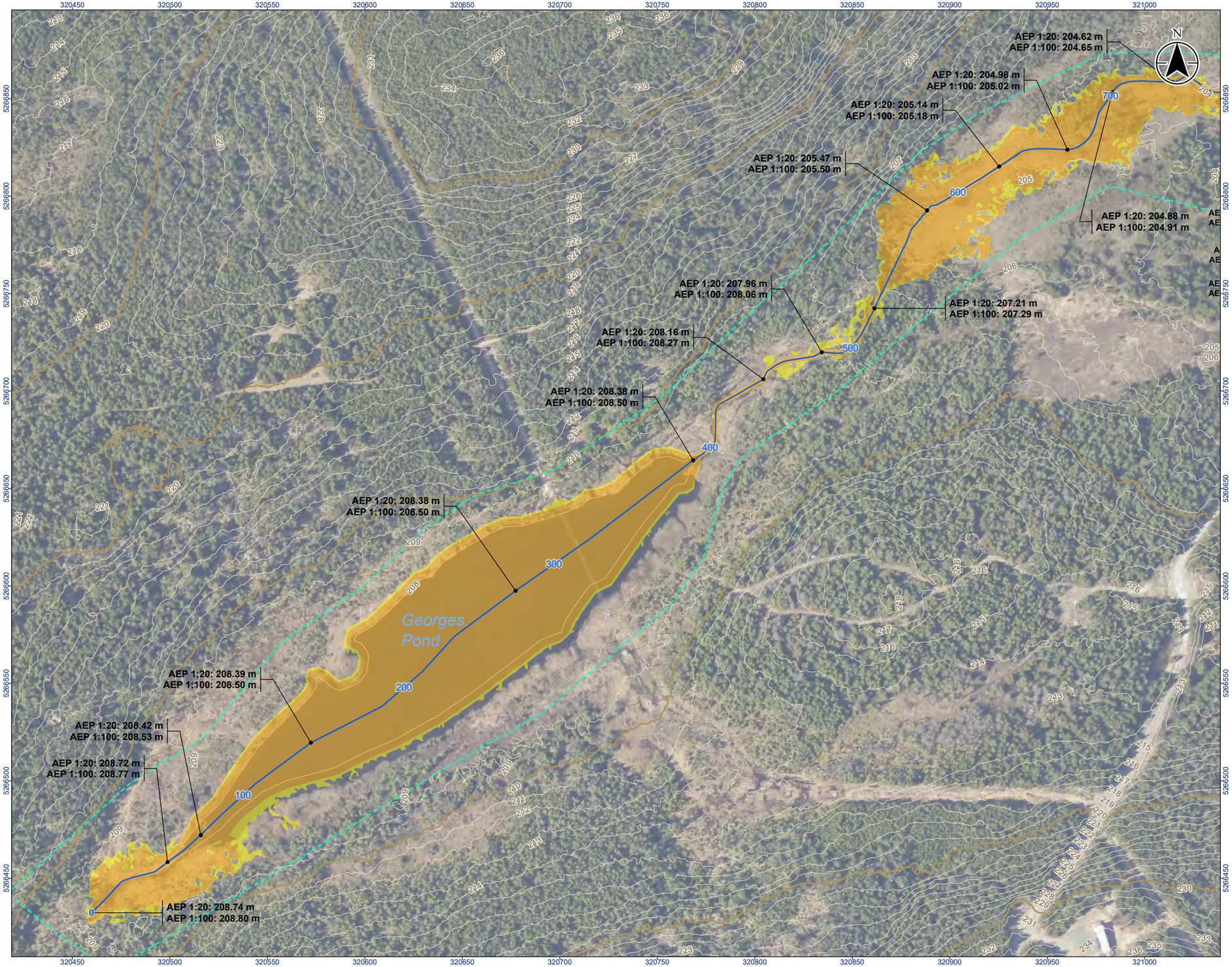
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-0

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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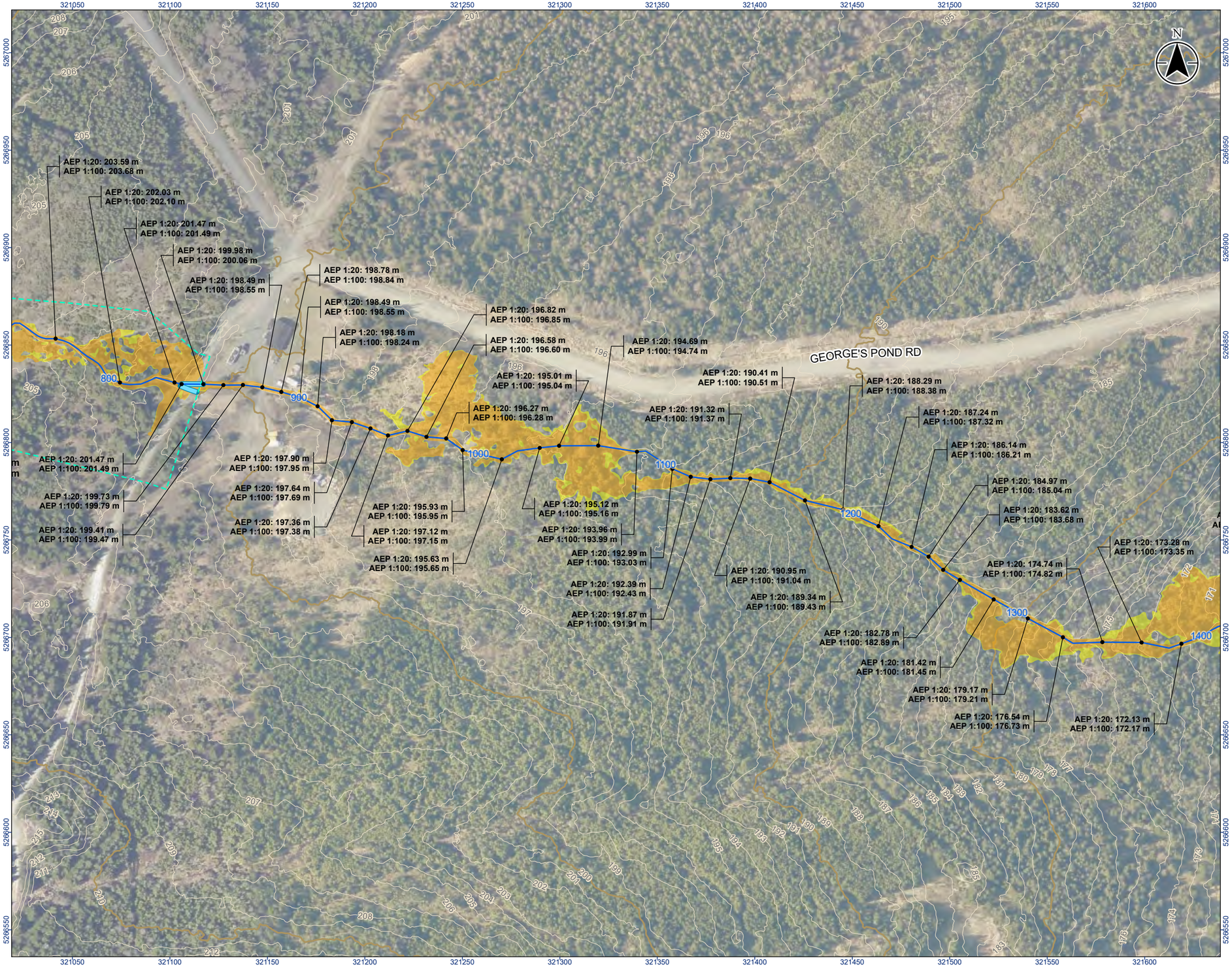
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-1

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 1 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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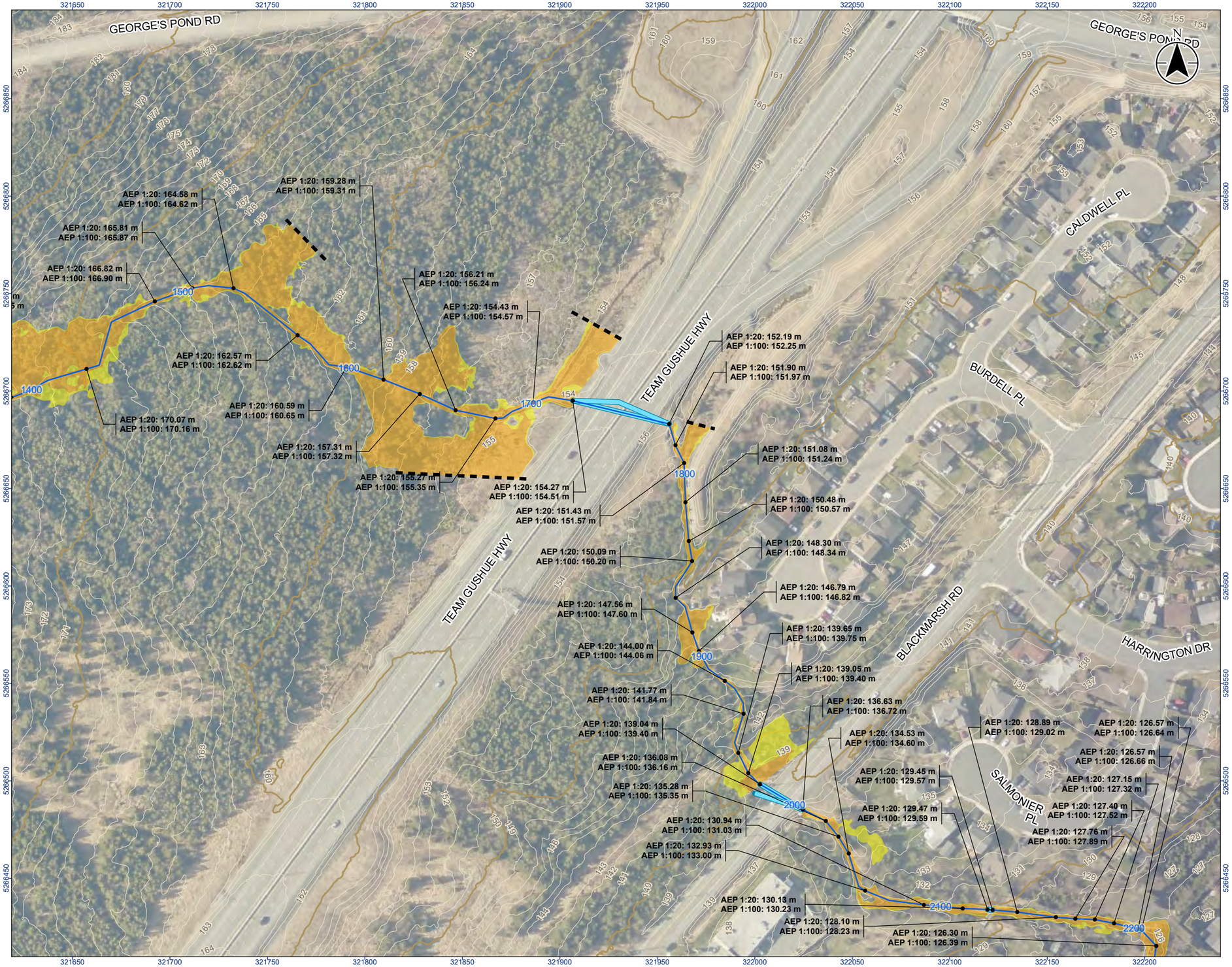
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-2

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 2 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-3

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 3 of 7

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Stantec

Legend

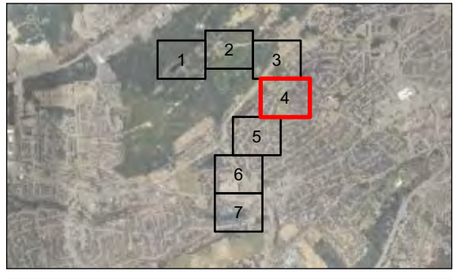
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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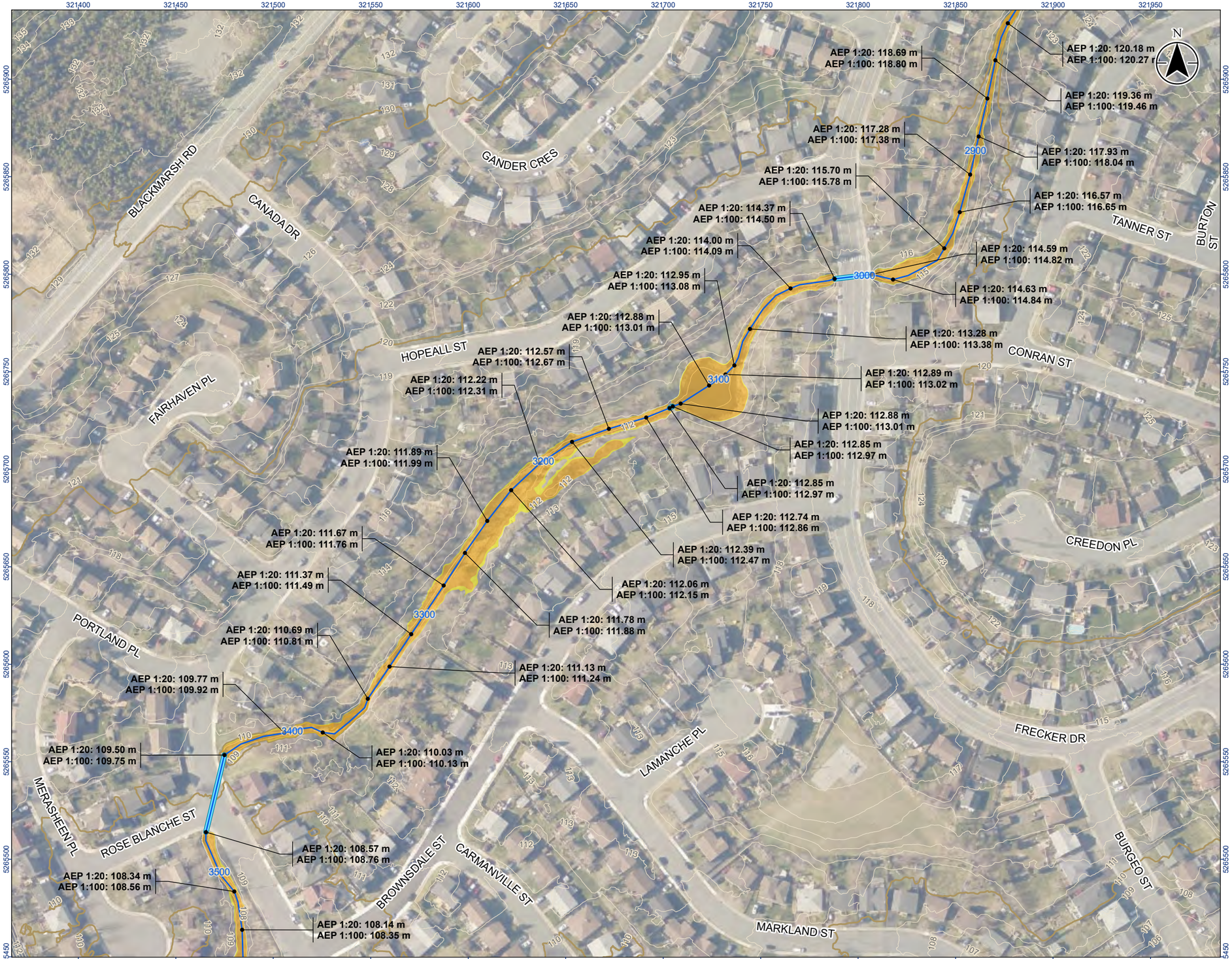
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-4

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-5

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-6

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 6 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by jacwalker on 2024-12-19

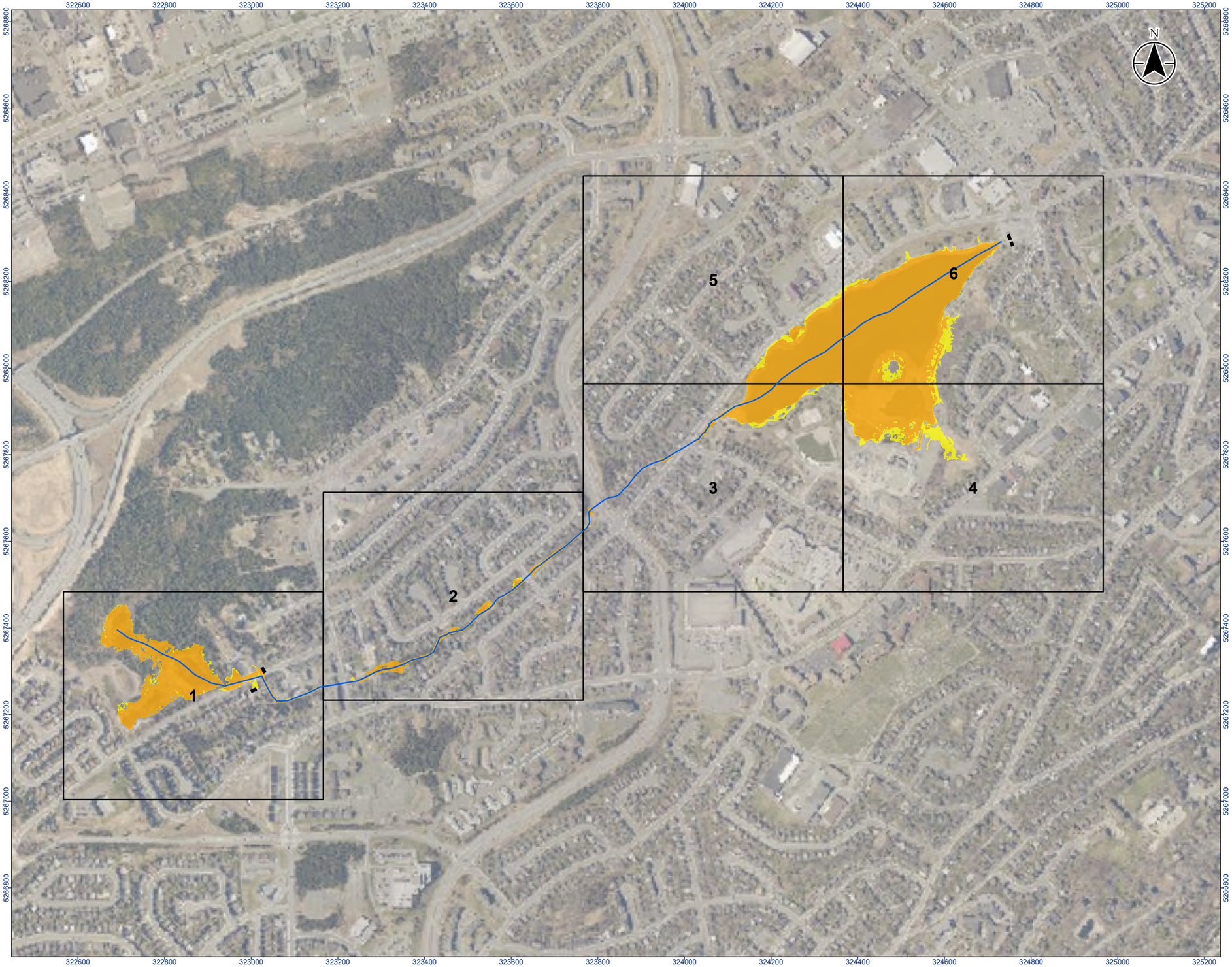
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
3-7

Title
Current Climate Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 7 of 7

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 175 350 m

1:9,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 MTM 1
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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-05-26

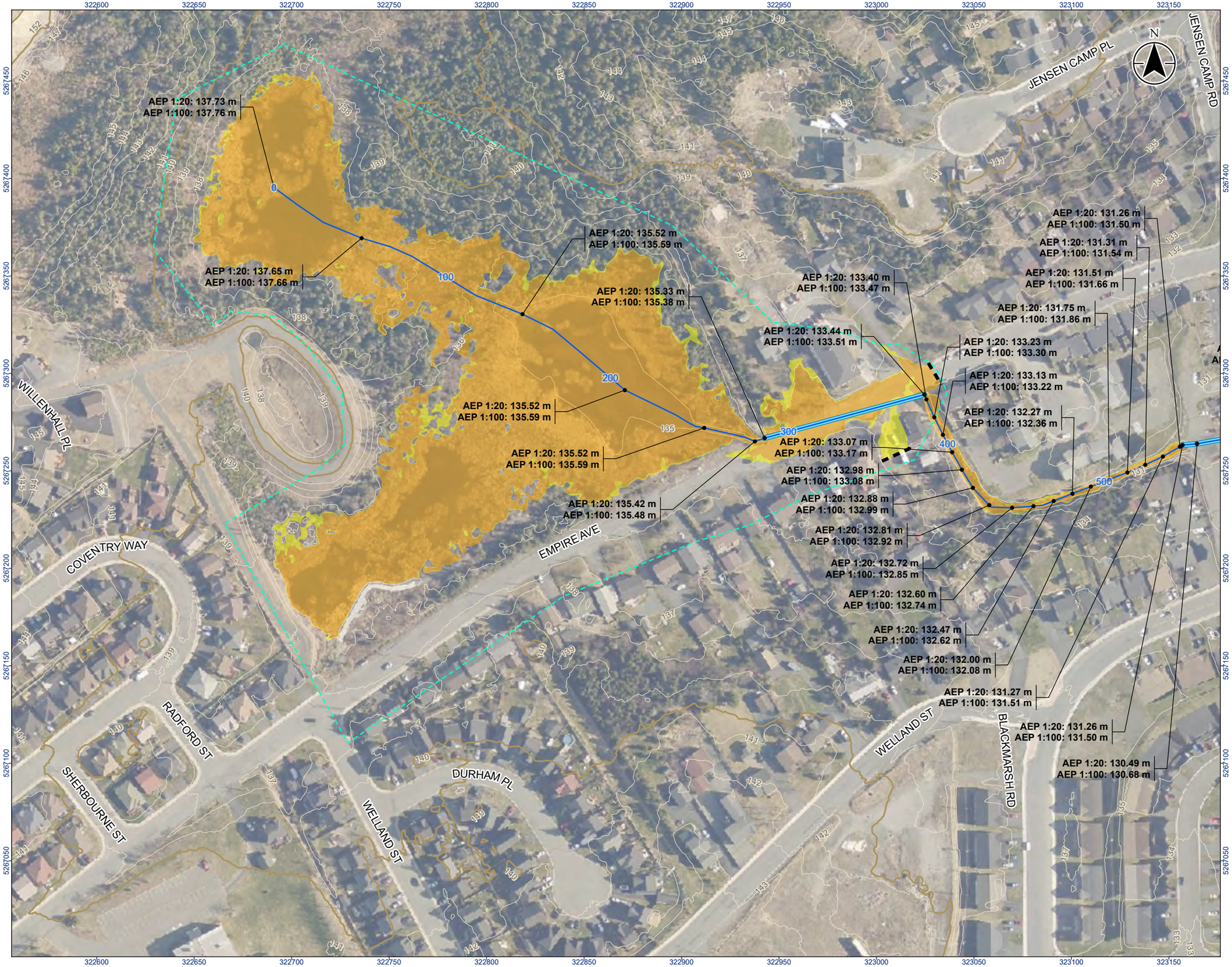
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-0

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-1

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 1 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-06-02

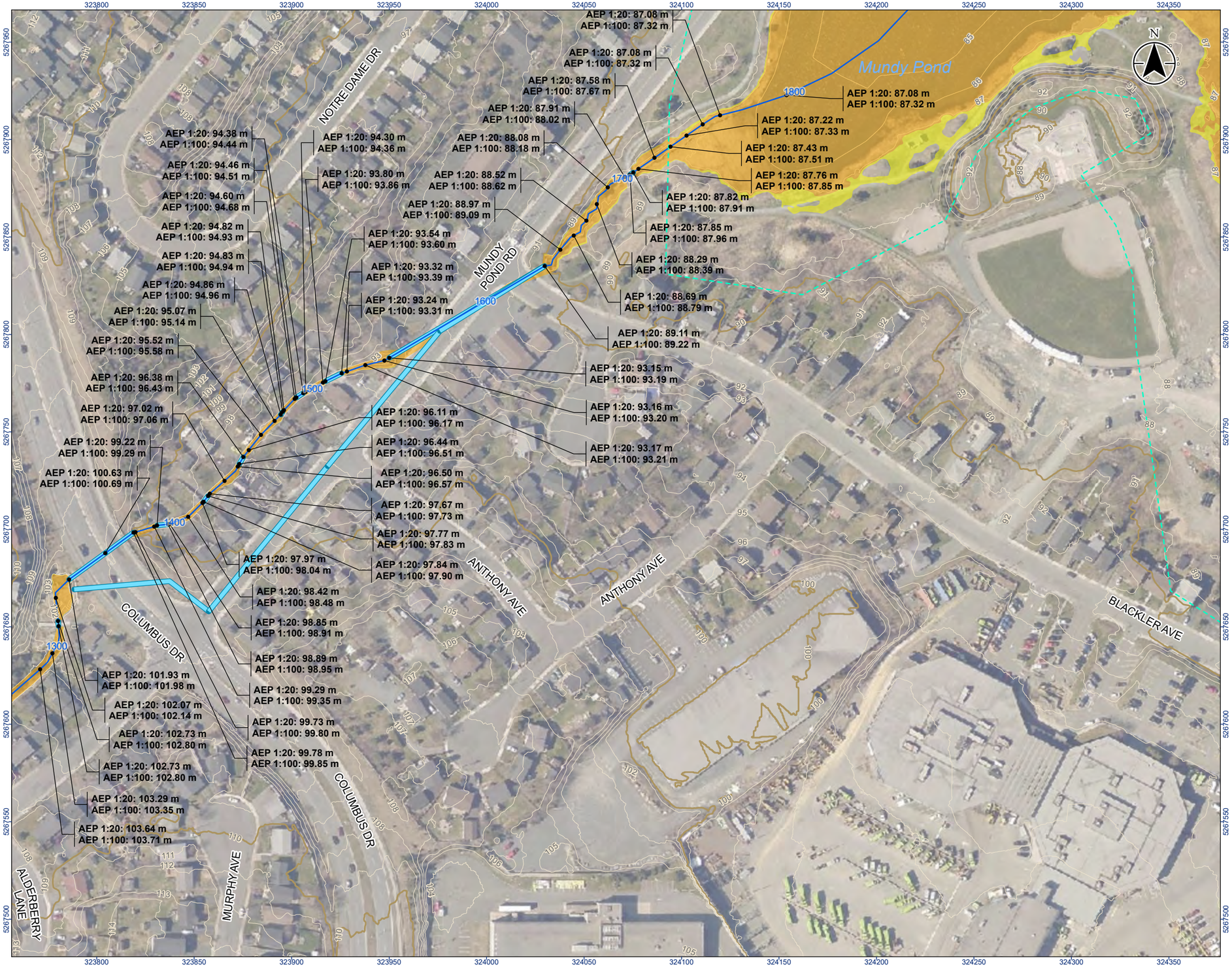
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-2

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 2 of 6

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Legend

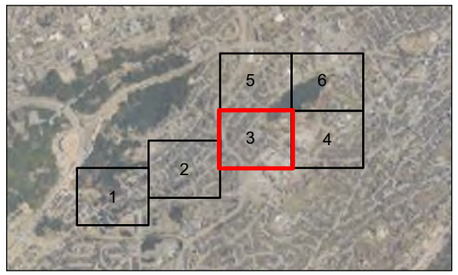
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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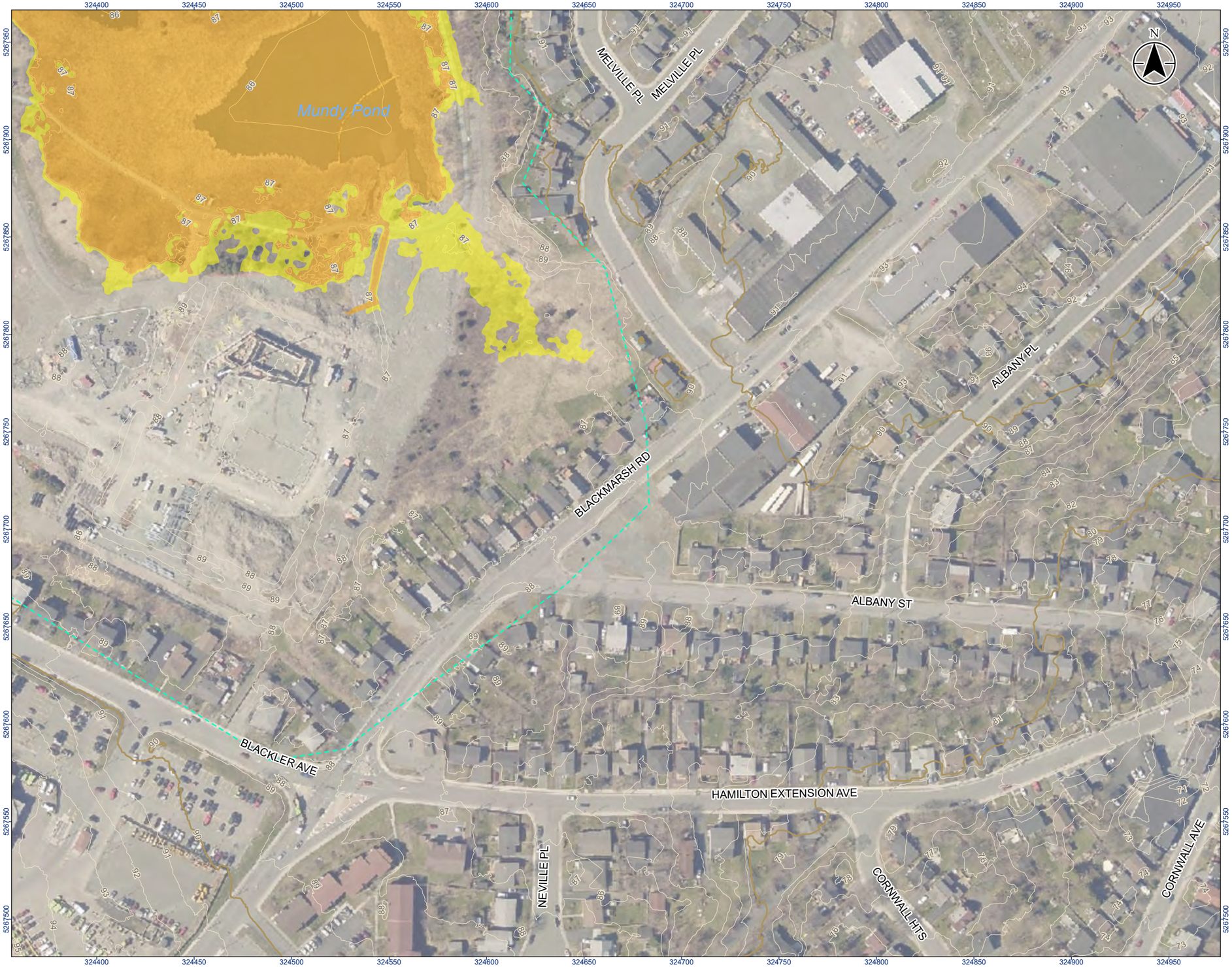
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-3

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 3 of 6

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Stantec

Legend

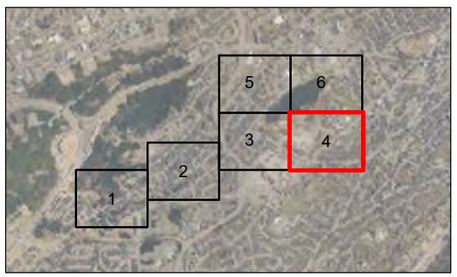
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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City of St. John's

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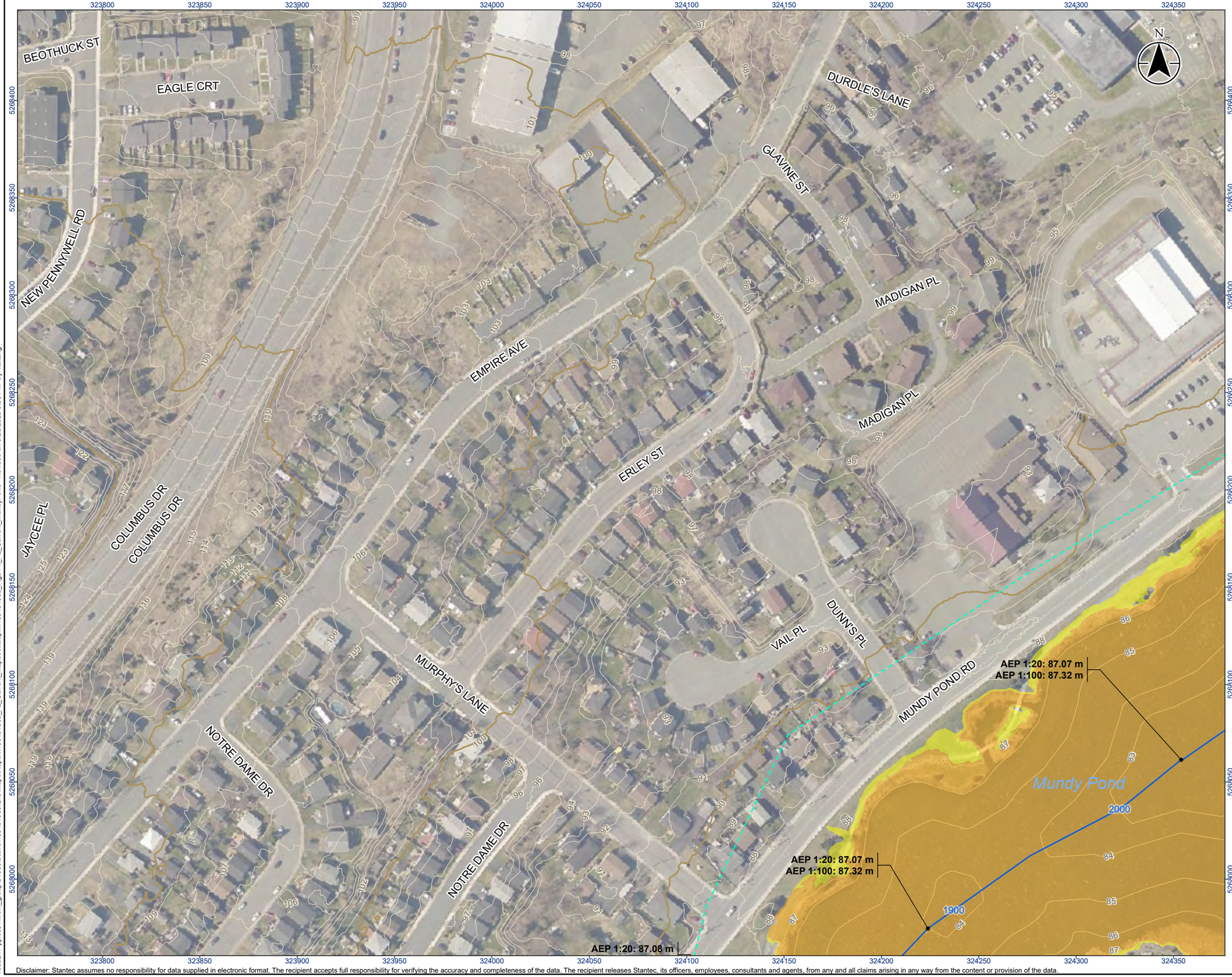
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-4

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 4 of 6

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Legend

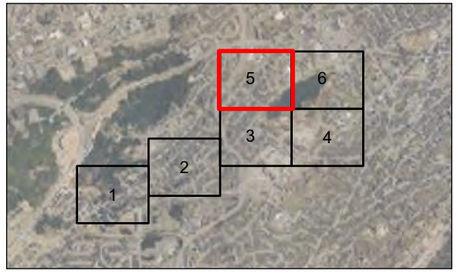
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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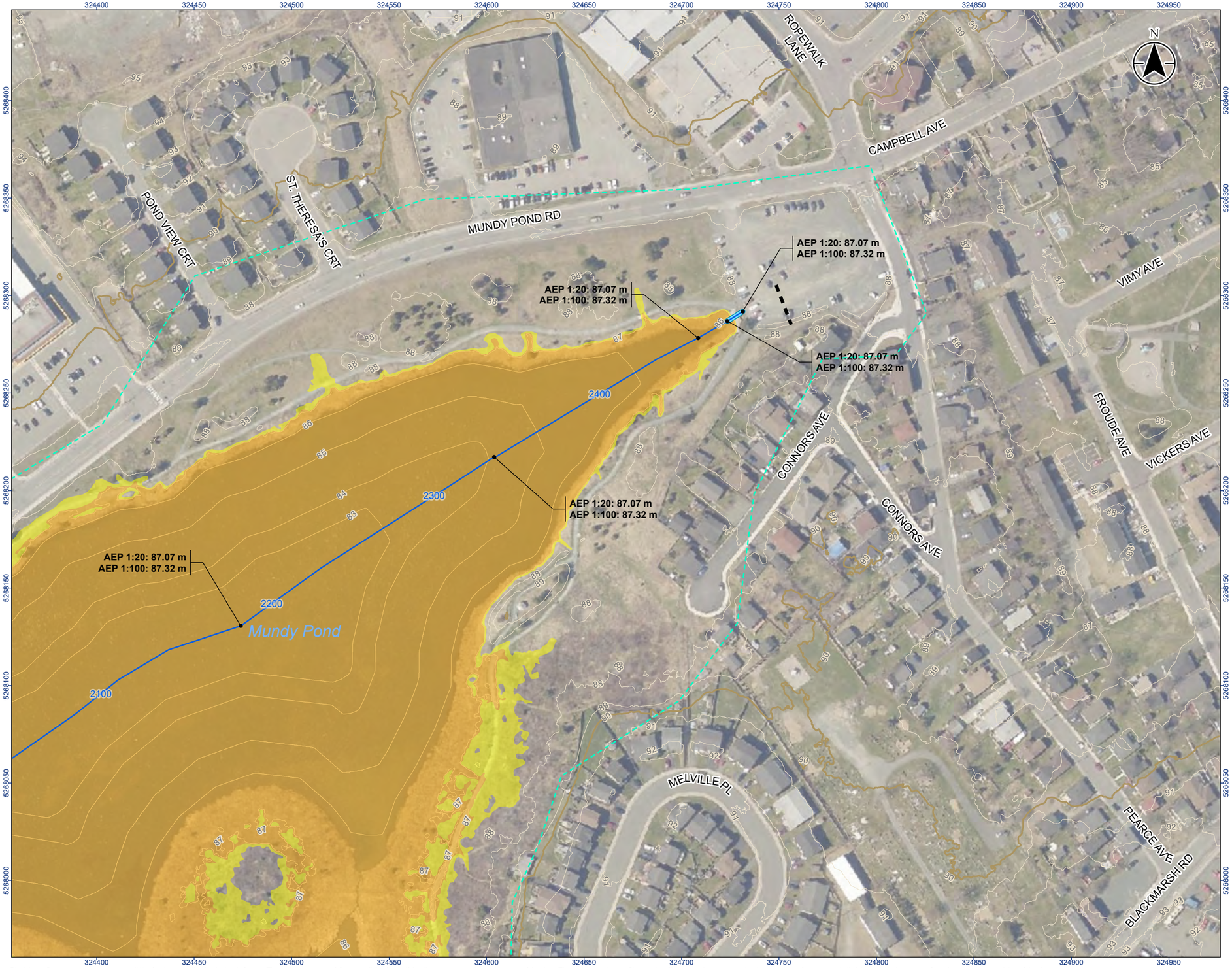
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-5

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 5 of 6

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Legend

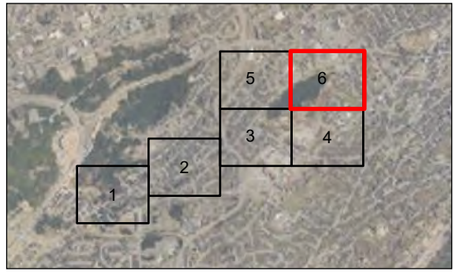
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-02

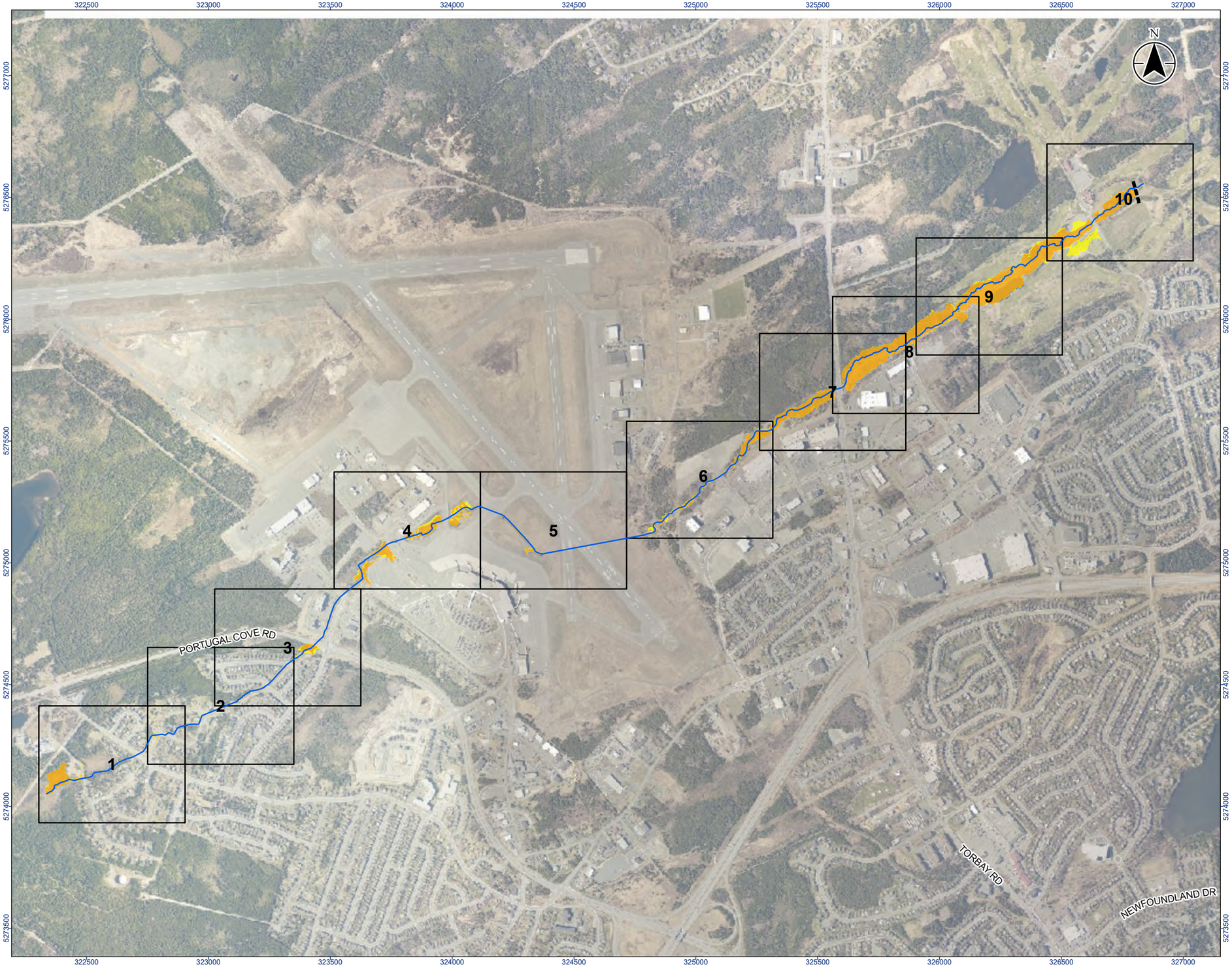
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
4-6

Title
Current Climate Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 6 of 6

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 310 620 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

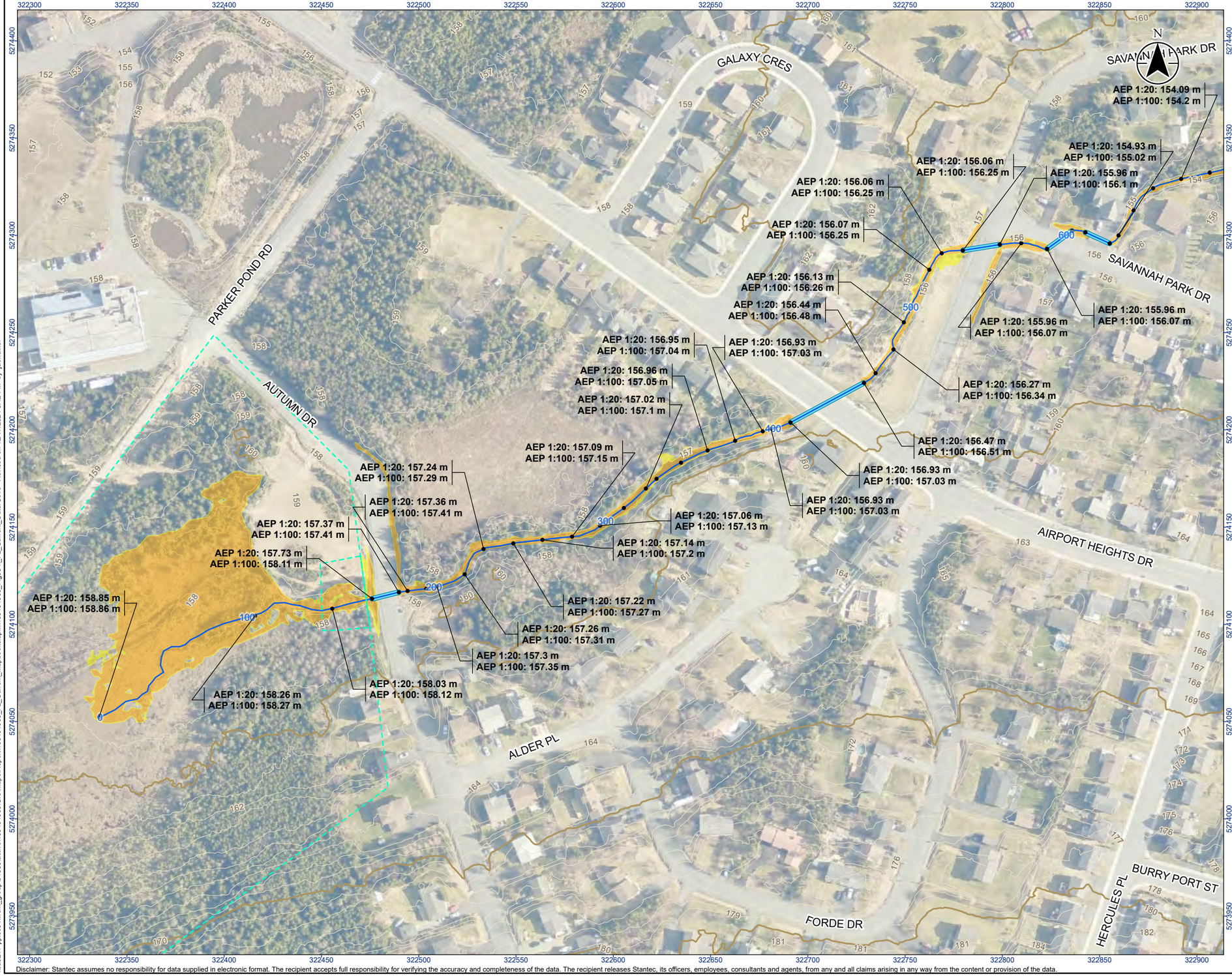
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-0

Title
Current Climate Condition AEP Flood Zone - Outer Cove Brook Overview Map

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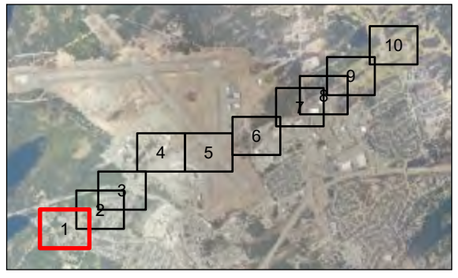
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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Prepared by jacwalker on 2024-12-19

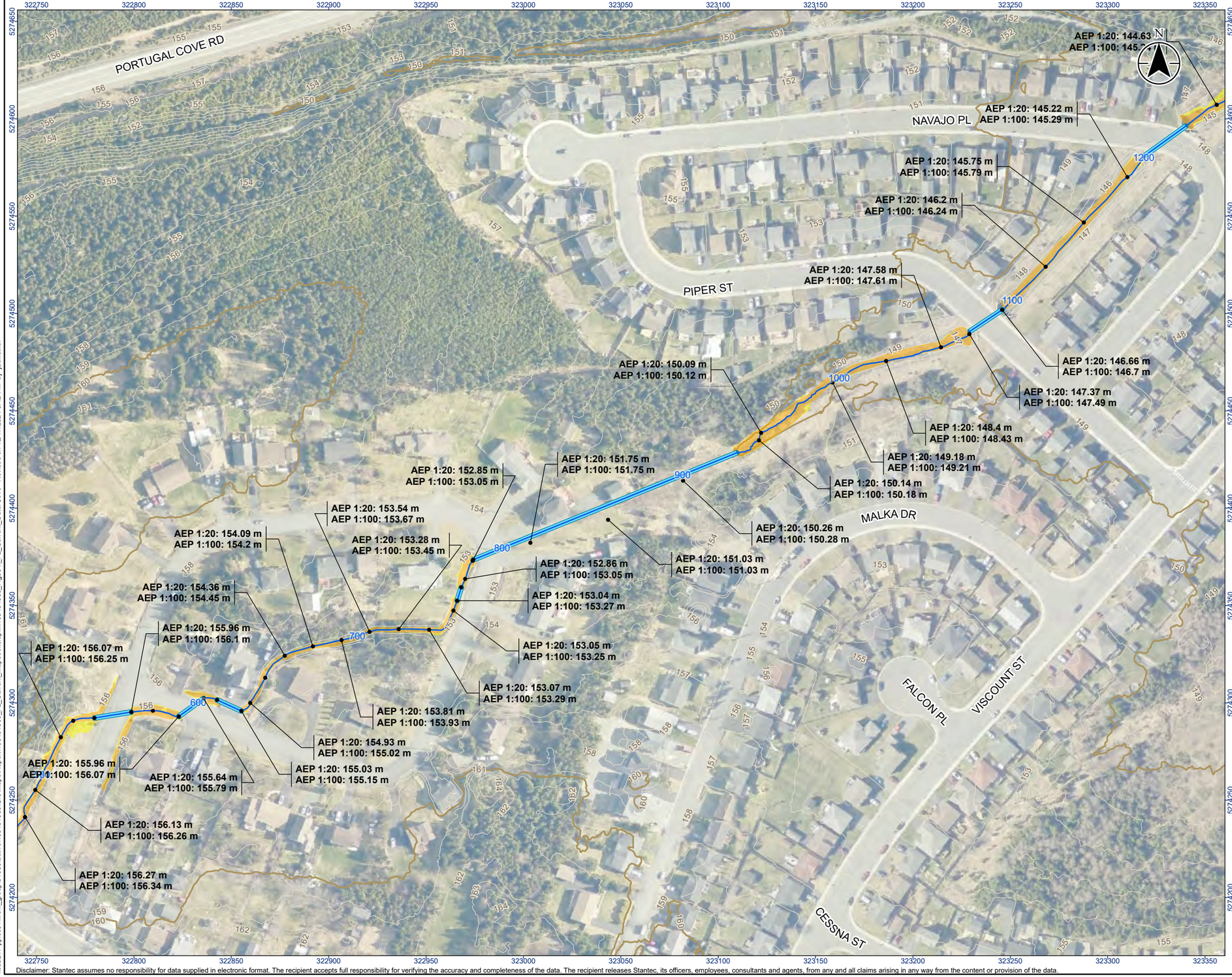
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-1

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 1 of 10

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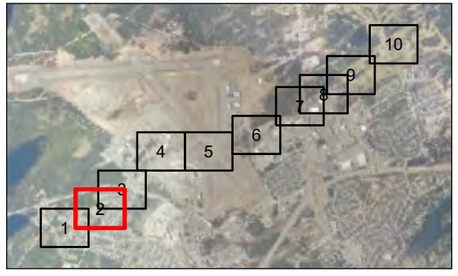
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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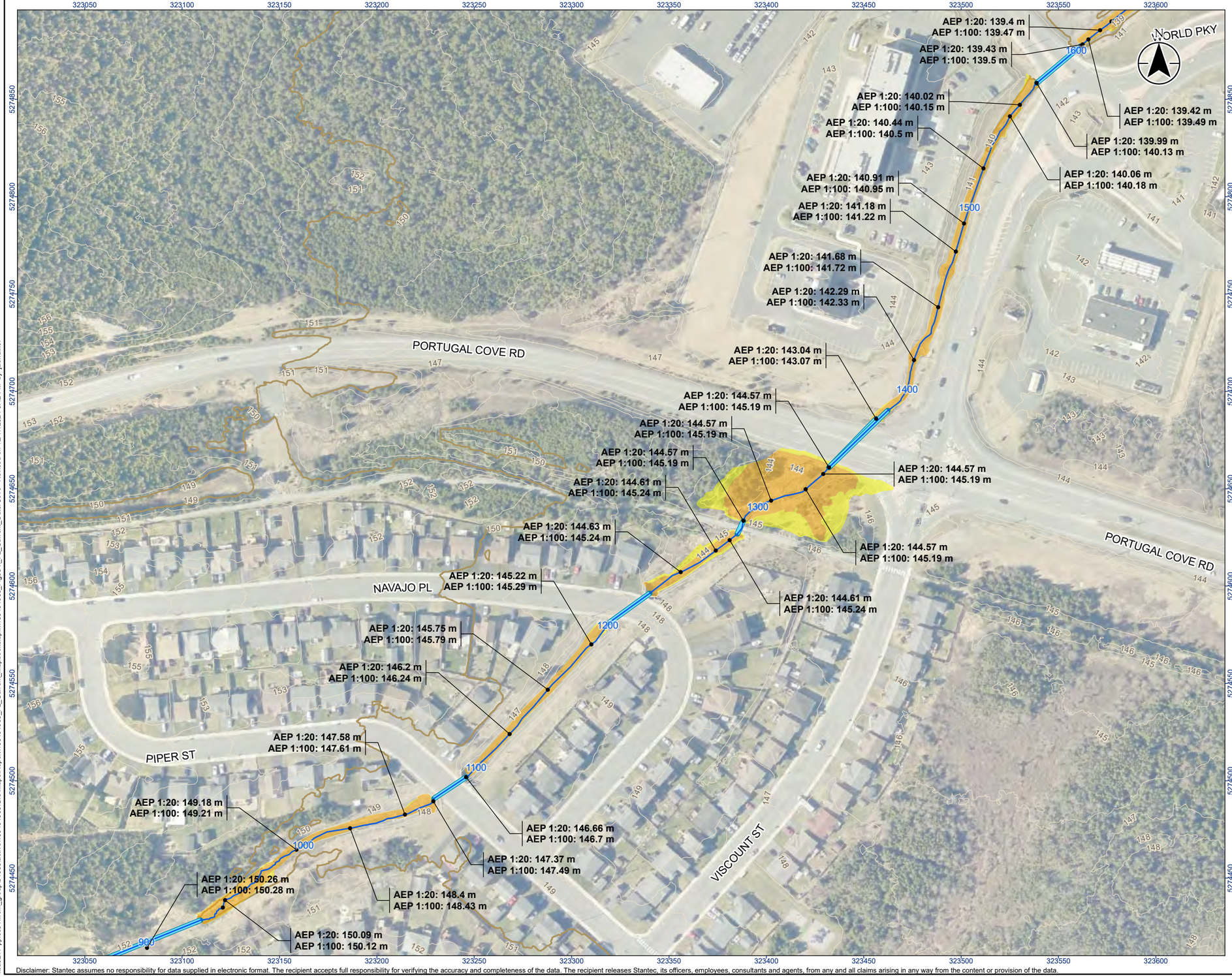
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-2

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 2 of 10

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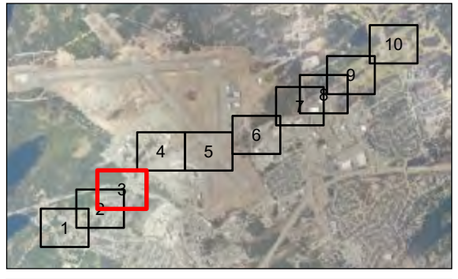
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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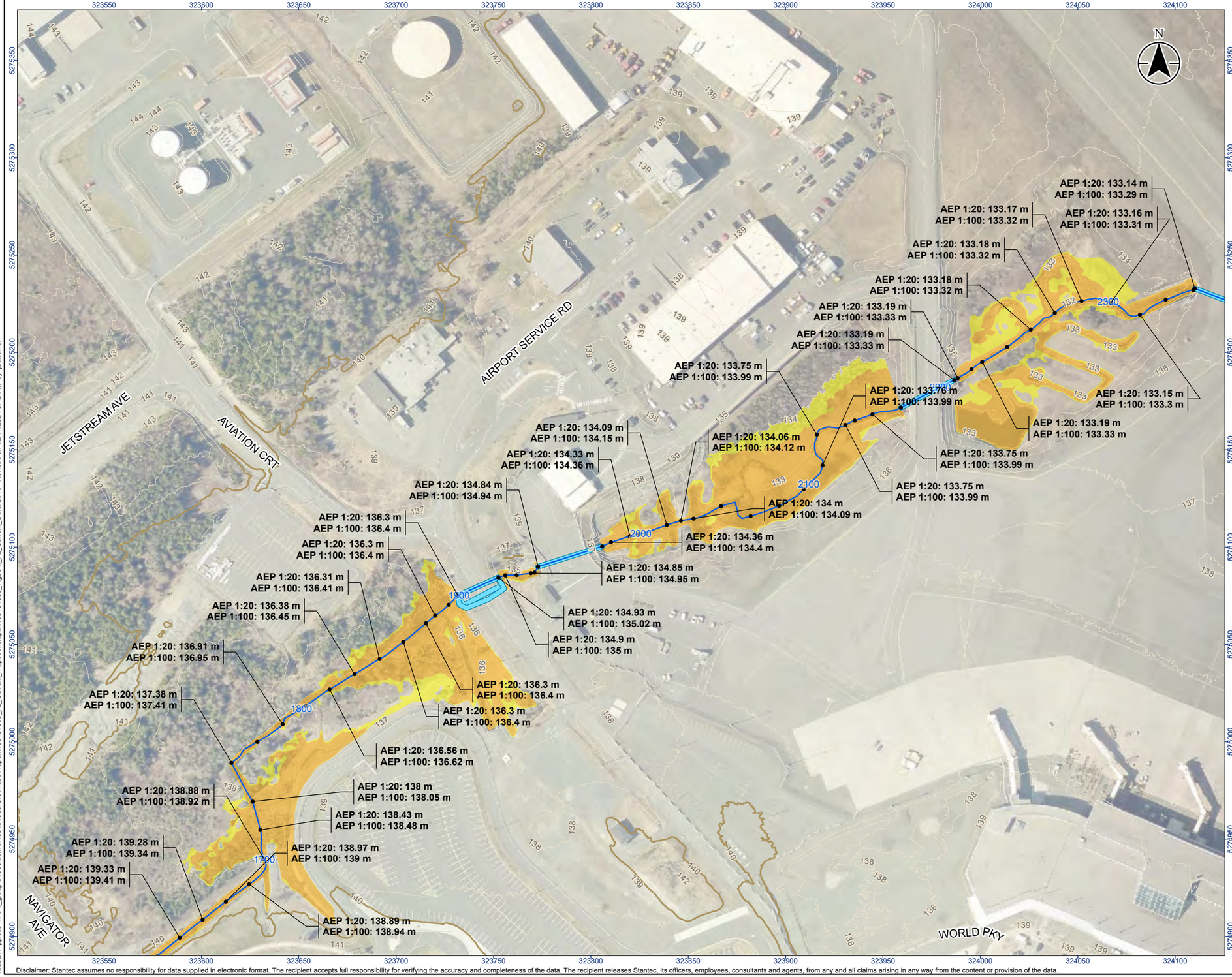
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-3

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 3 of 10

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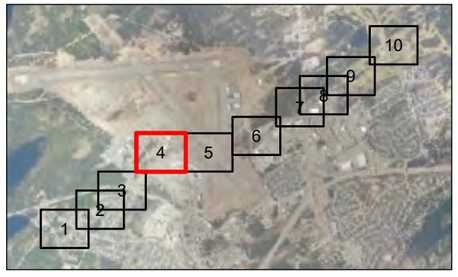
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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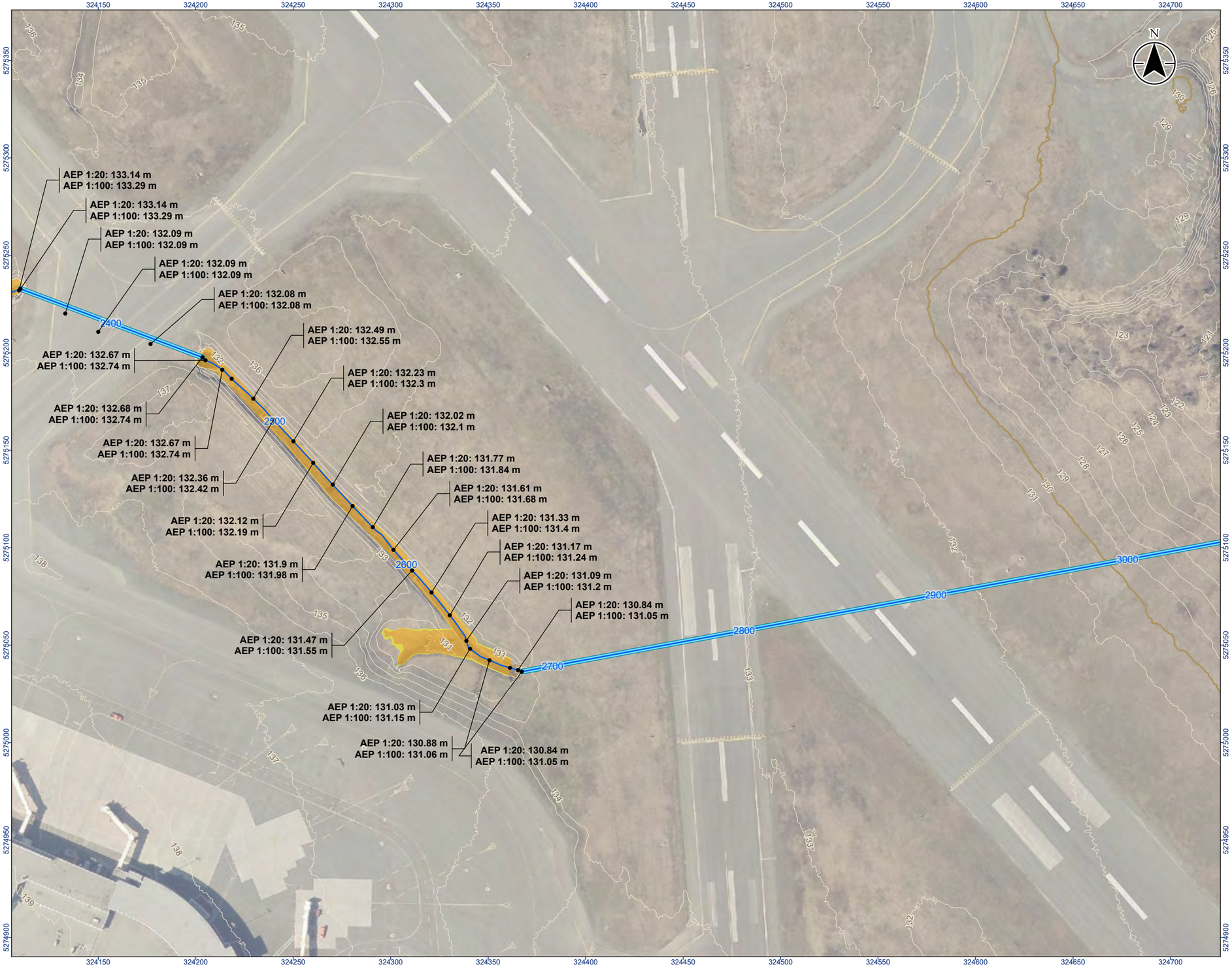
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-4

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 4 of 10

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Legend

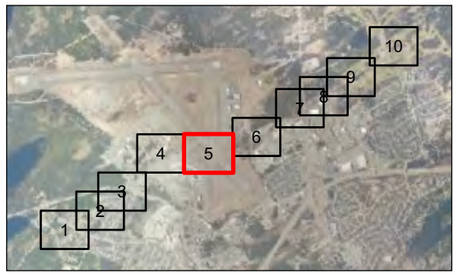
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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163401903 REVA
Prepared by jacwalker on 2024-12-19

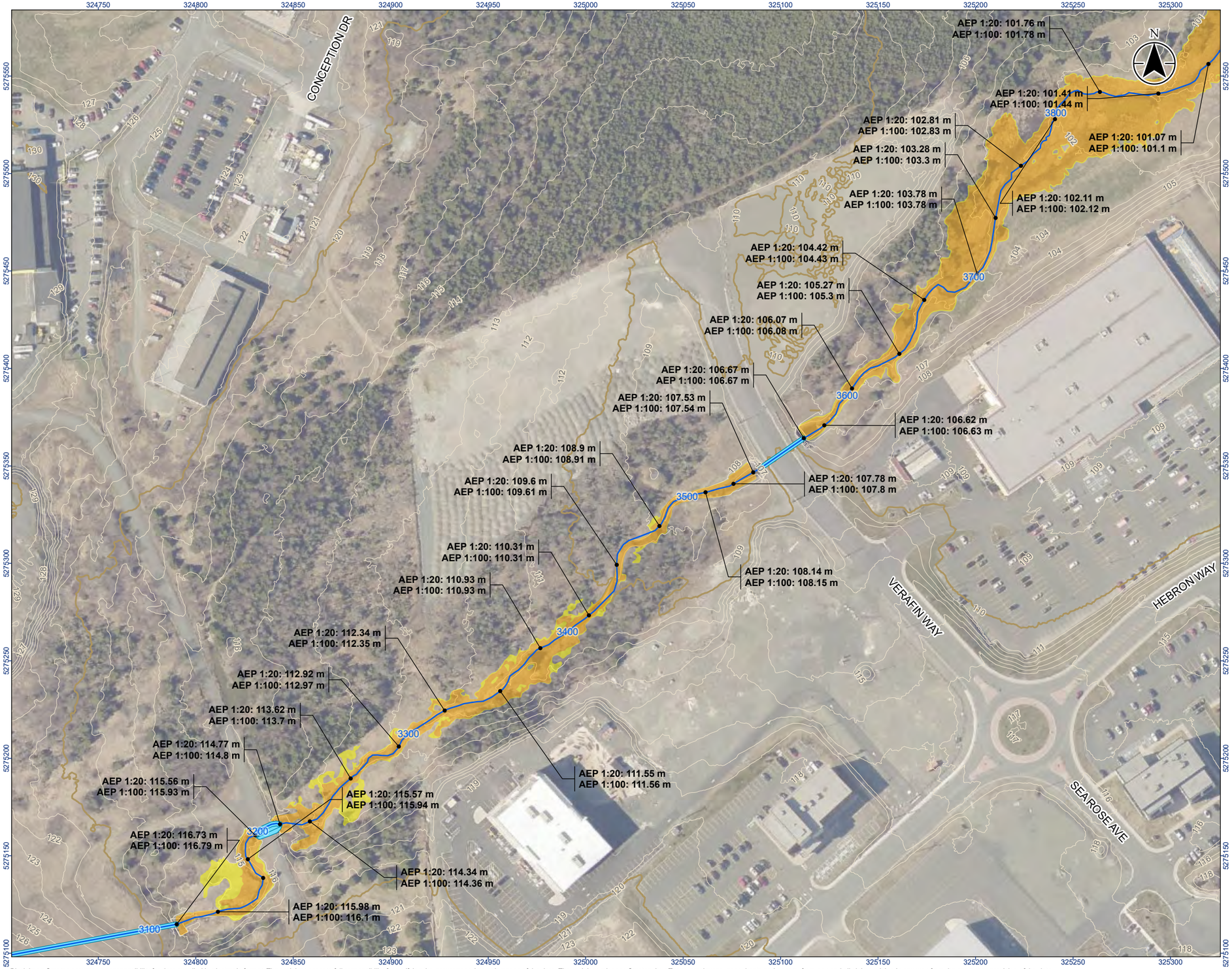
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-5

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

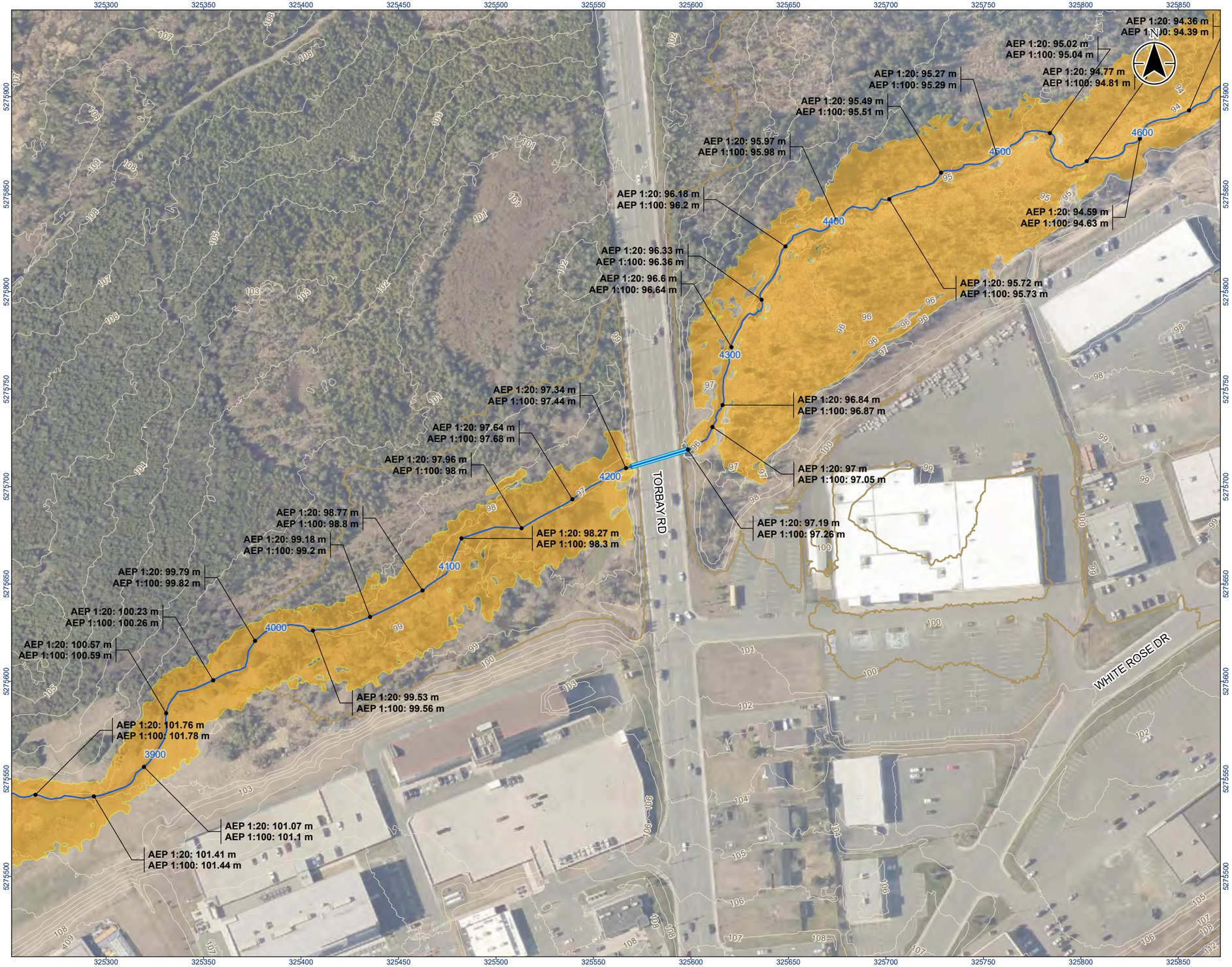
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-6

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 6 of 10

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Stantec

Legend

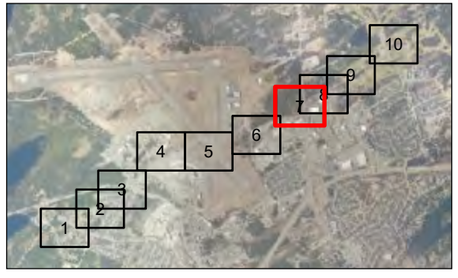
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

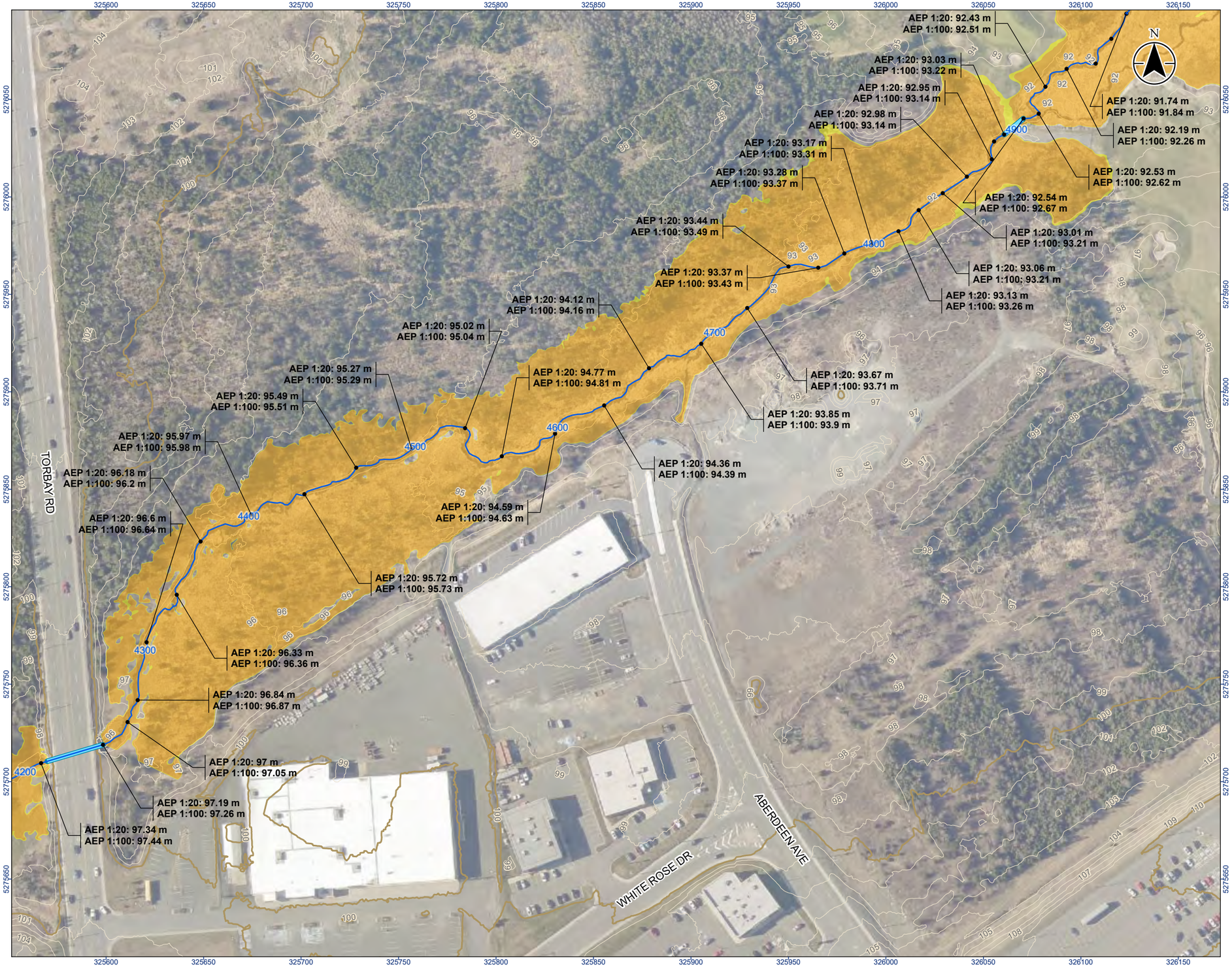
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-7

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 7 of 10

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Stantec

Legend

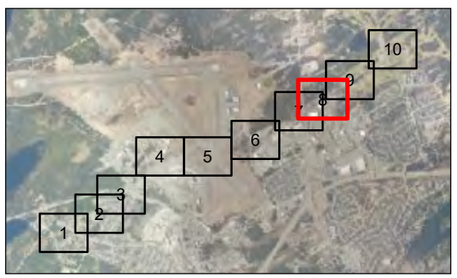
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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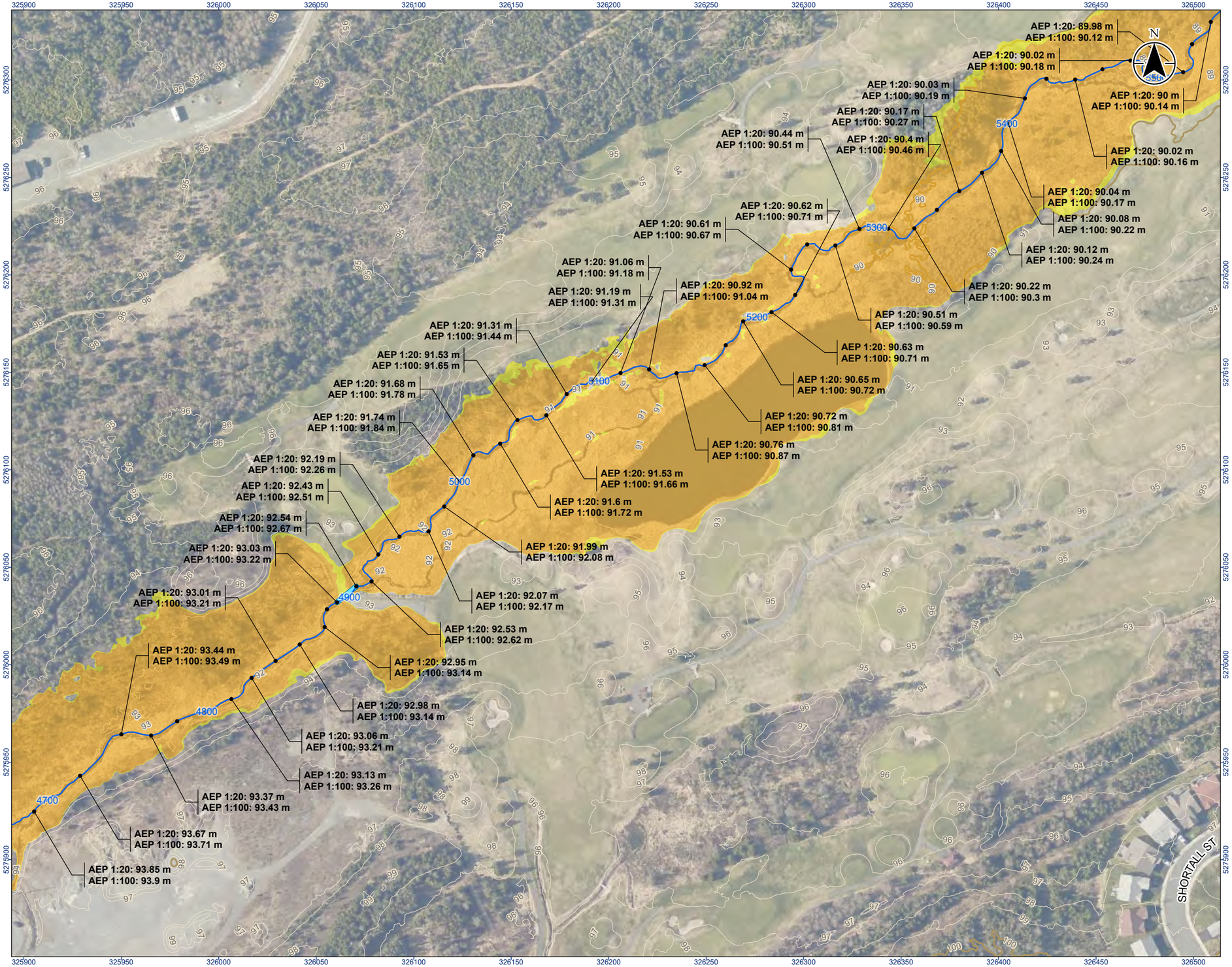
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-8

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 8 of 10

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Legend

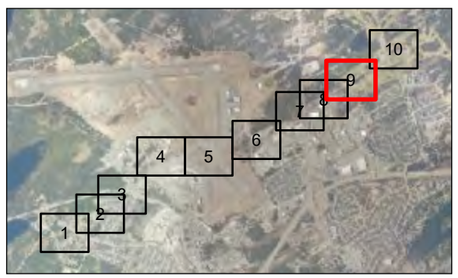
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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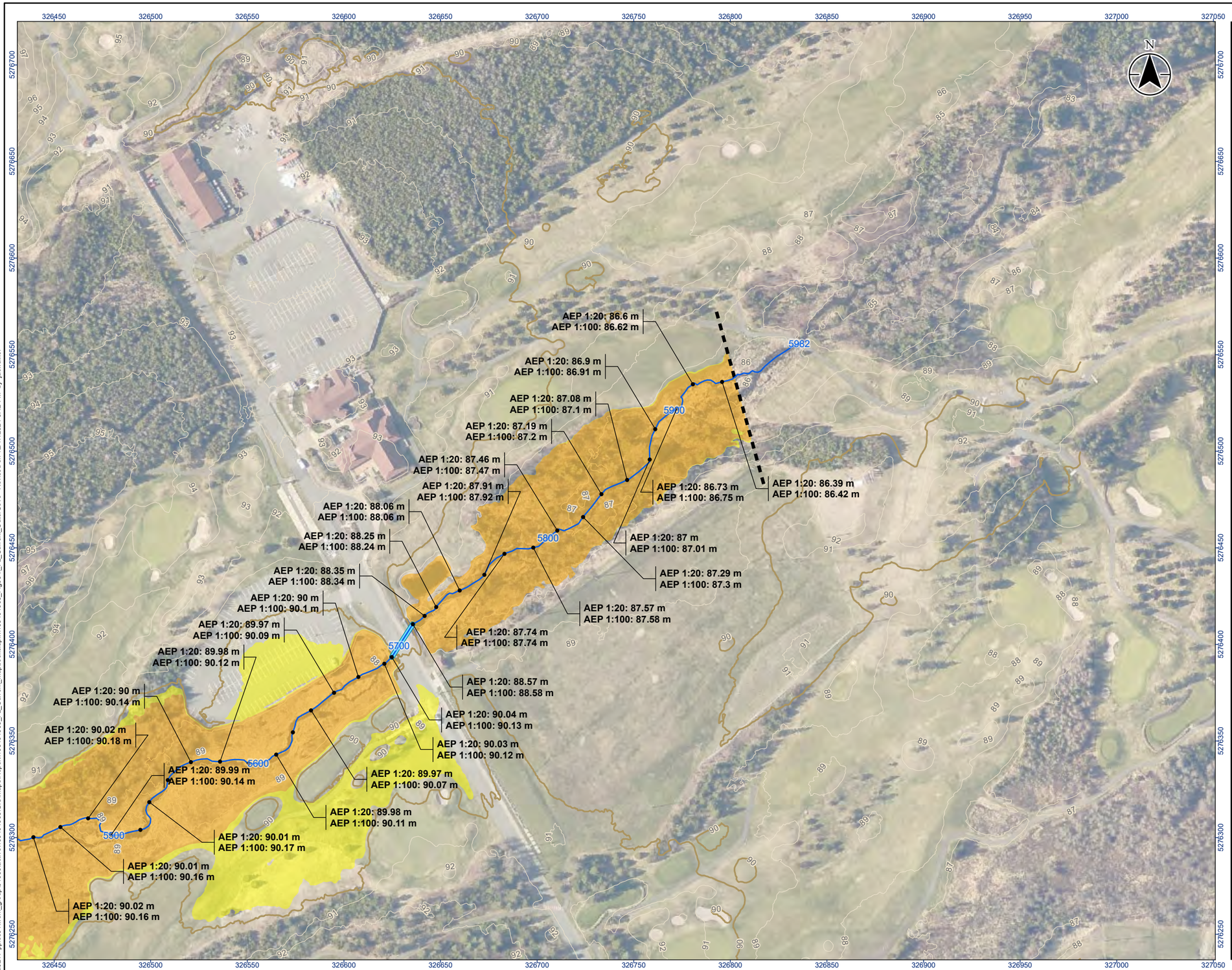
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-9

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 9 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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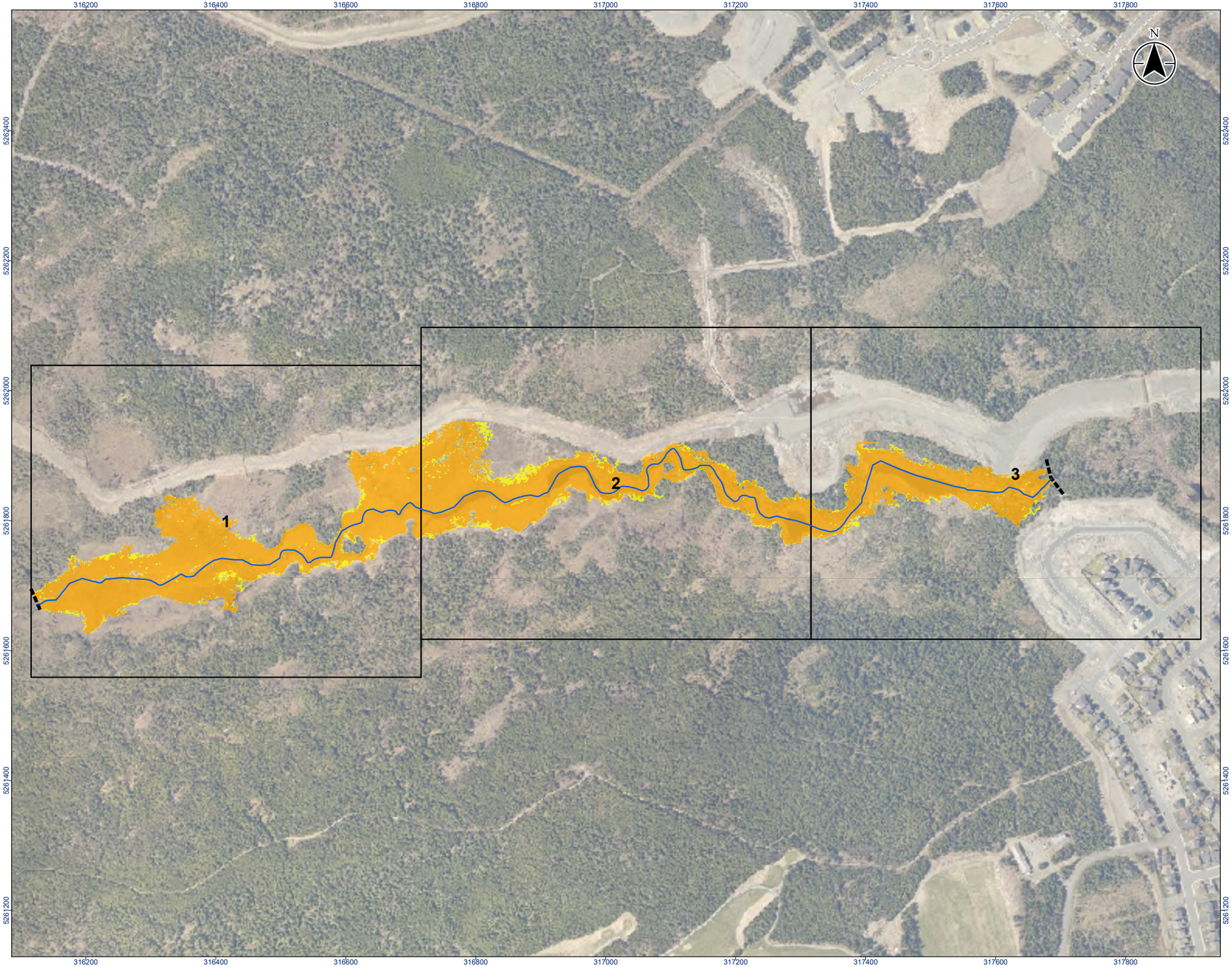
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
5-10

Title
Current Climate Condition
AEP Flood Zone - Outer Cove Brook
Sheet 10 of 10

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Legend

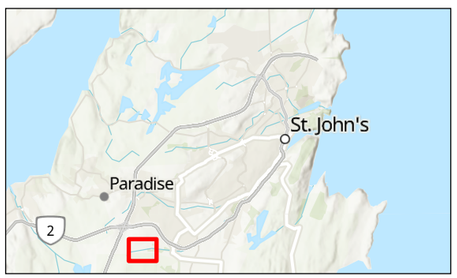
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 110 220 m

1:6,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

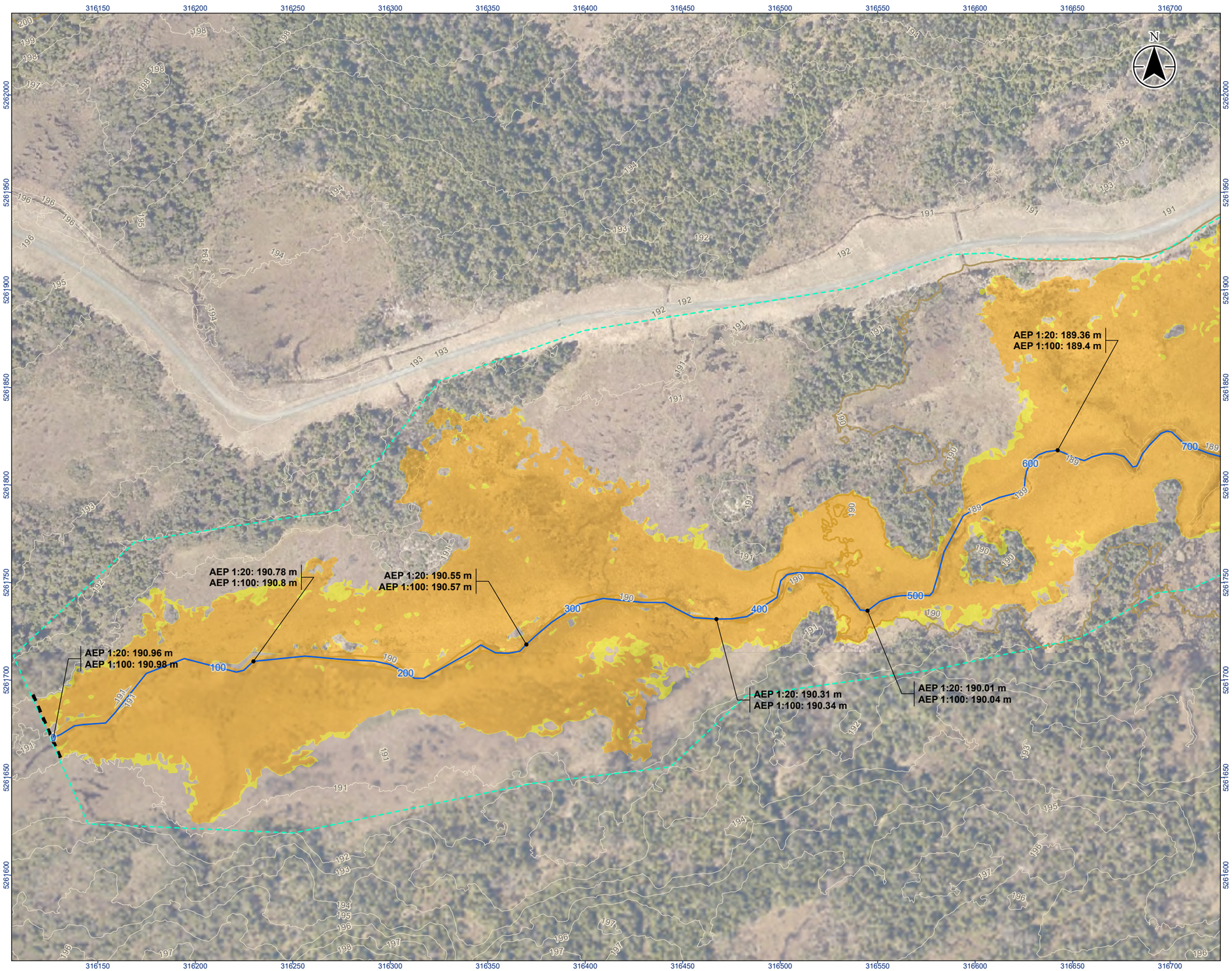
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
6-0

Title
Current Climate Condition AEP Flood Zone - South Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

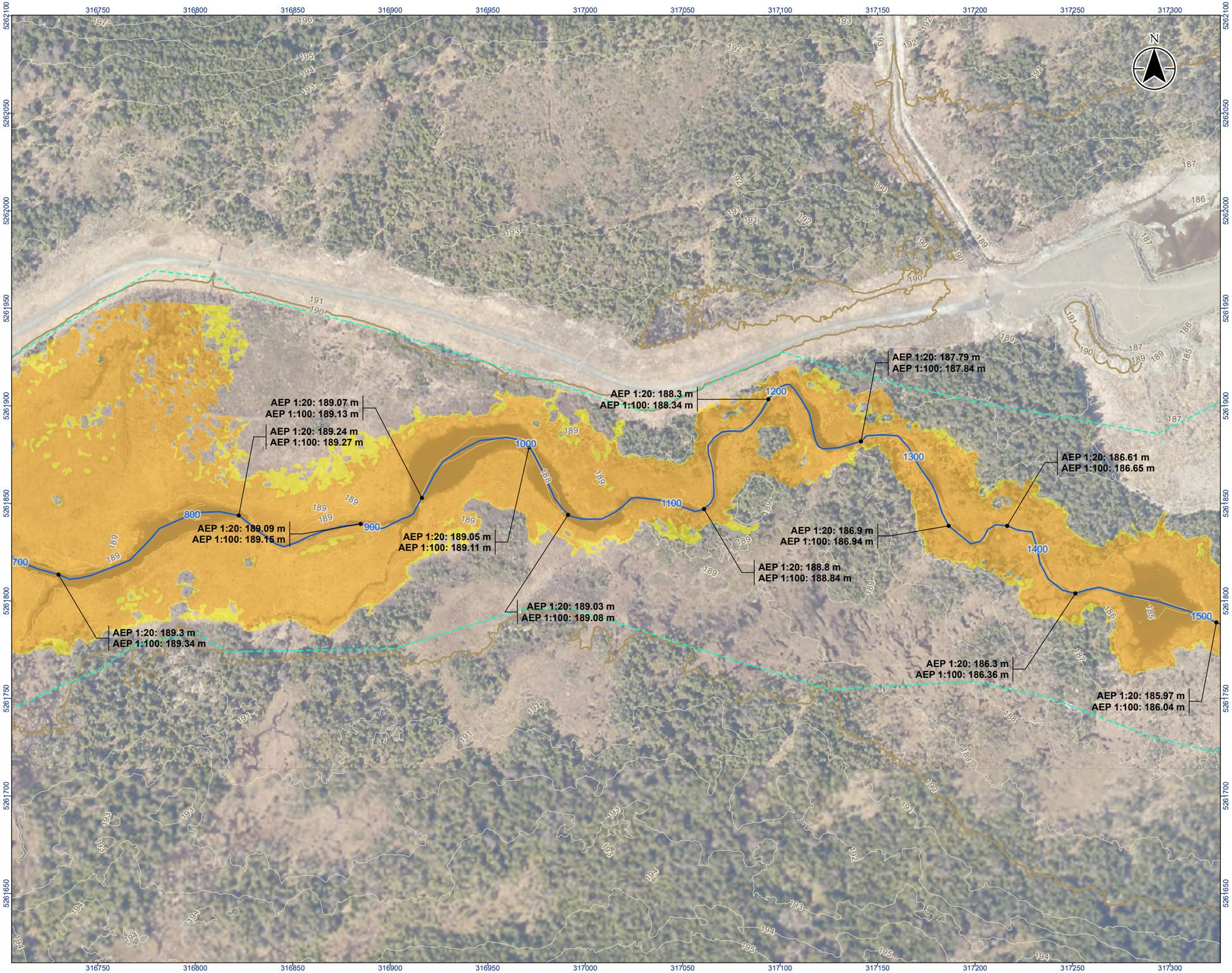
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
6-1

Title
Current Climate Condition
AEP Flood Zone - South Brook
Sheet 1 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-04-01

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
6-2

Title
Current Climate Condition
AEP Flood Zone - South Brook
Sheet 2 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-04-01

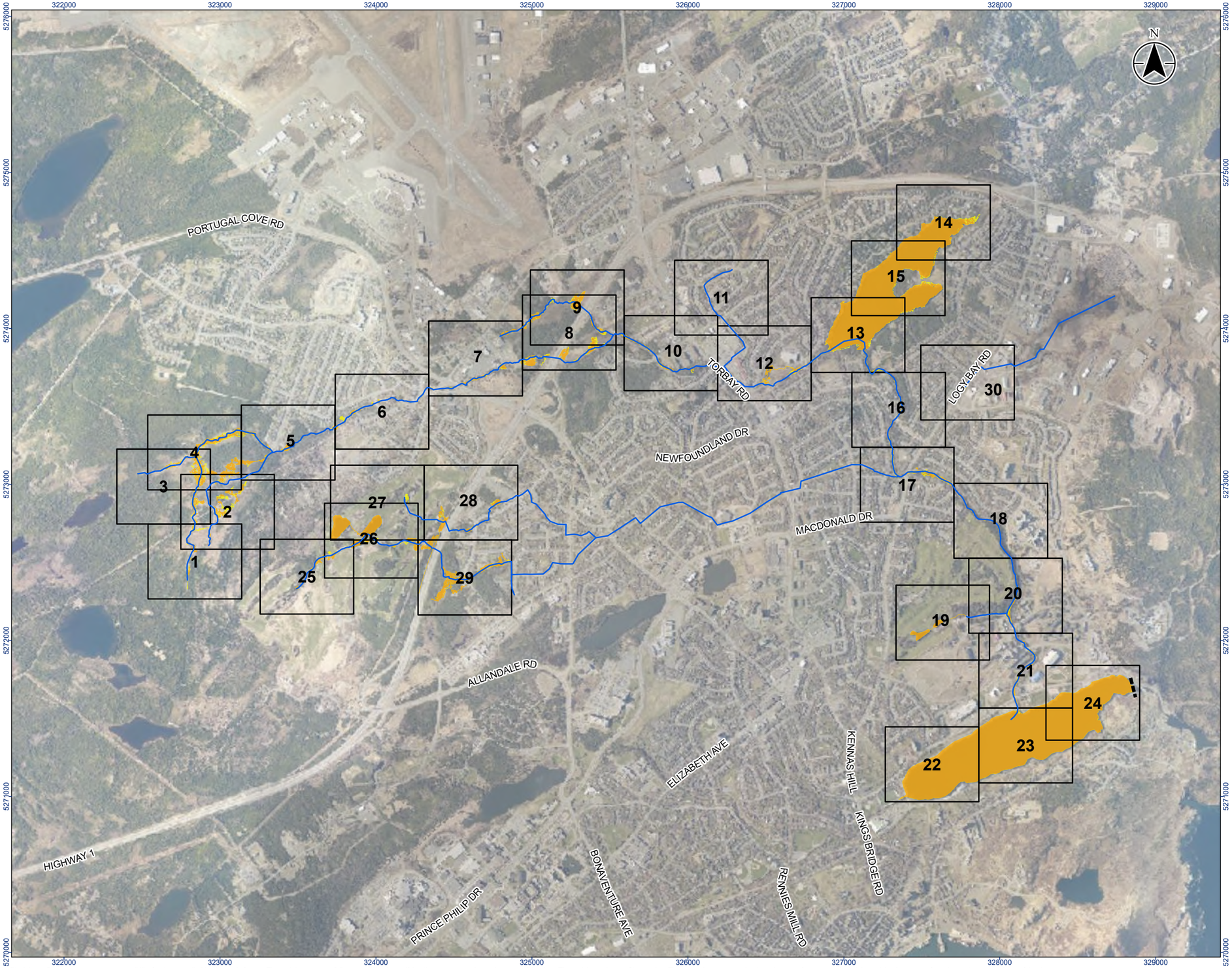
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
6-3

Title
Current Climate Condition
AEP Flood Zone - South Brook
Sheet 3 of 3

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 490 980 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

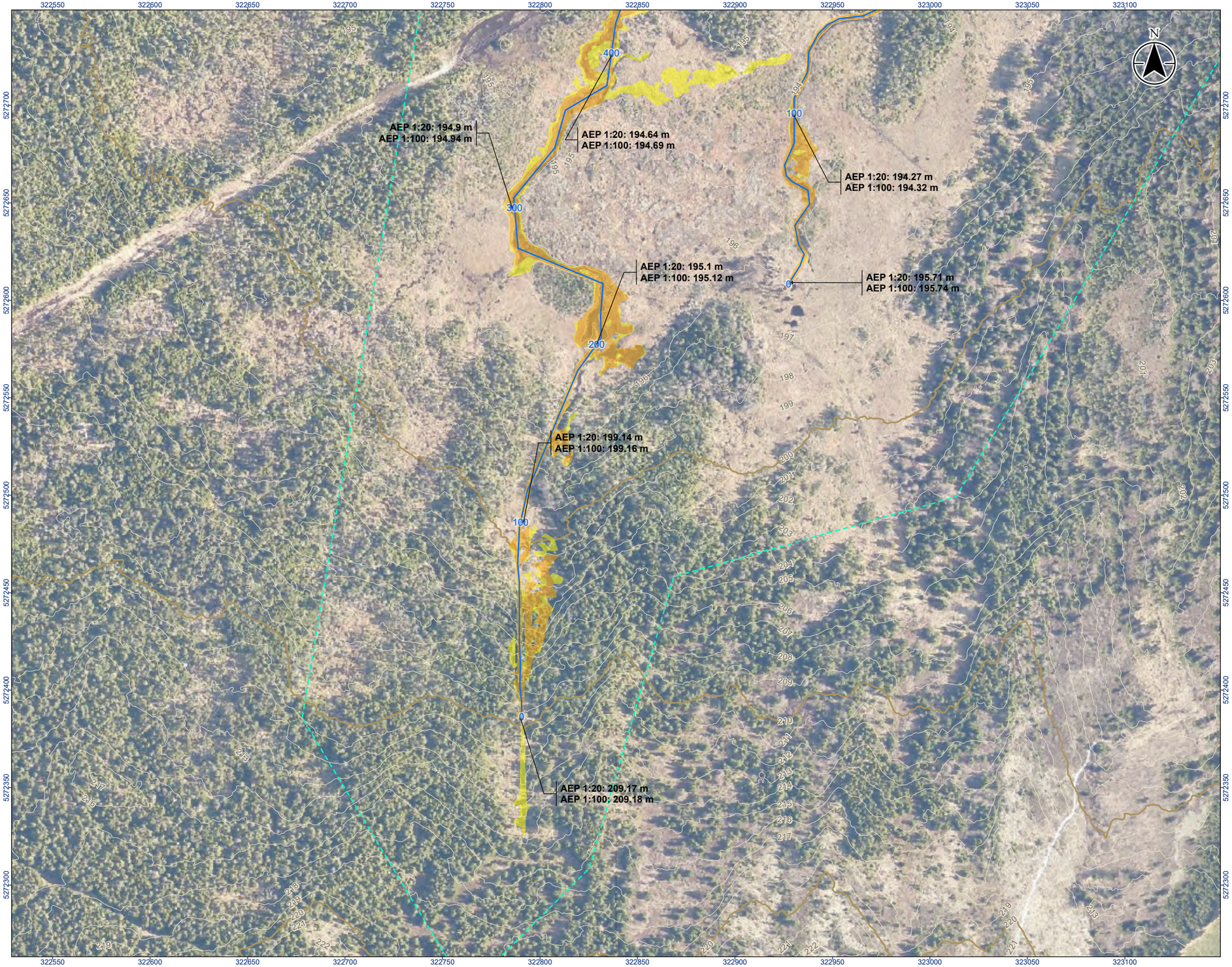
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-0

Title
Current Climate Condition AEP Flood Zone - Virginia River Overview Map

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Stantec

Legend

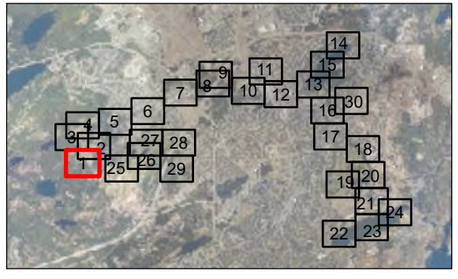
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

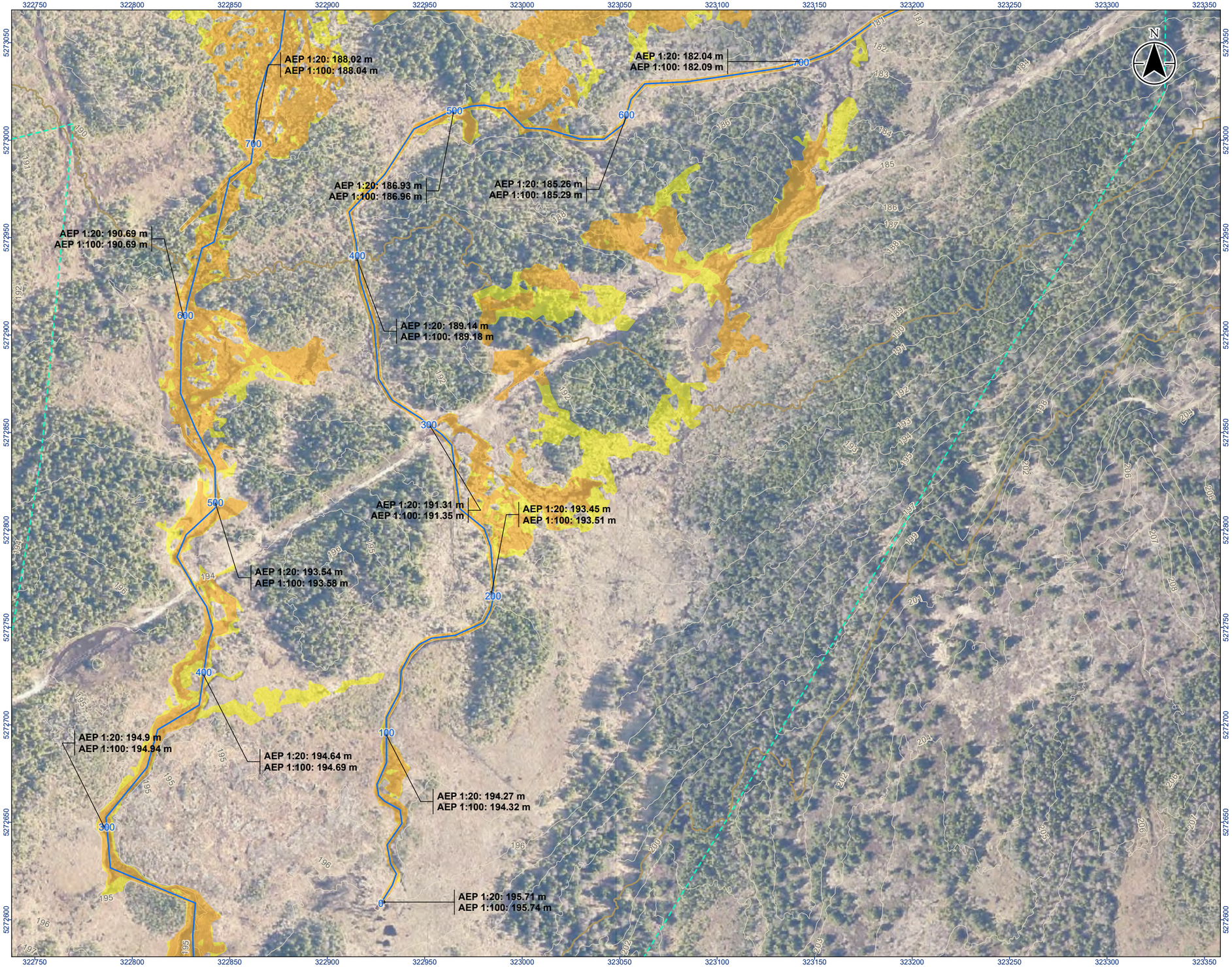
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-1

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 1 of 30

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Legend

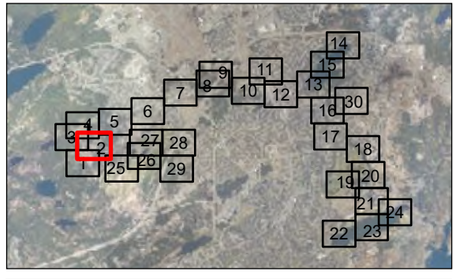
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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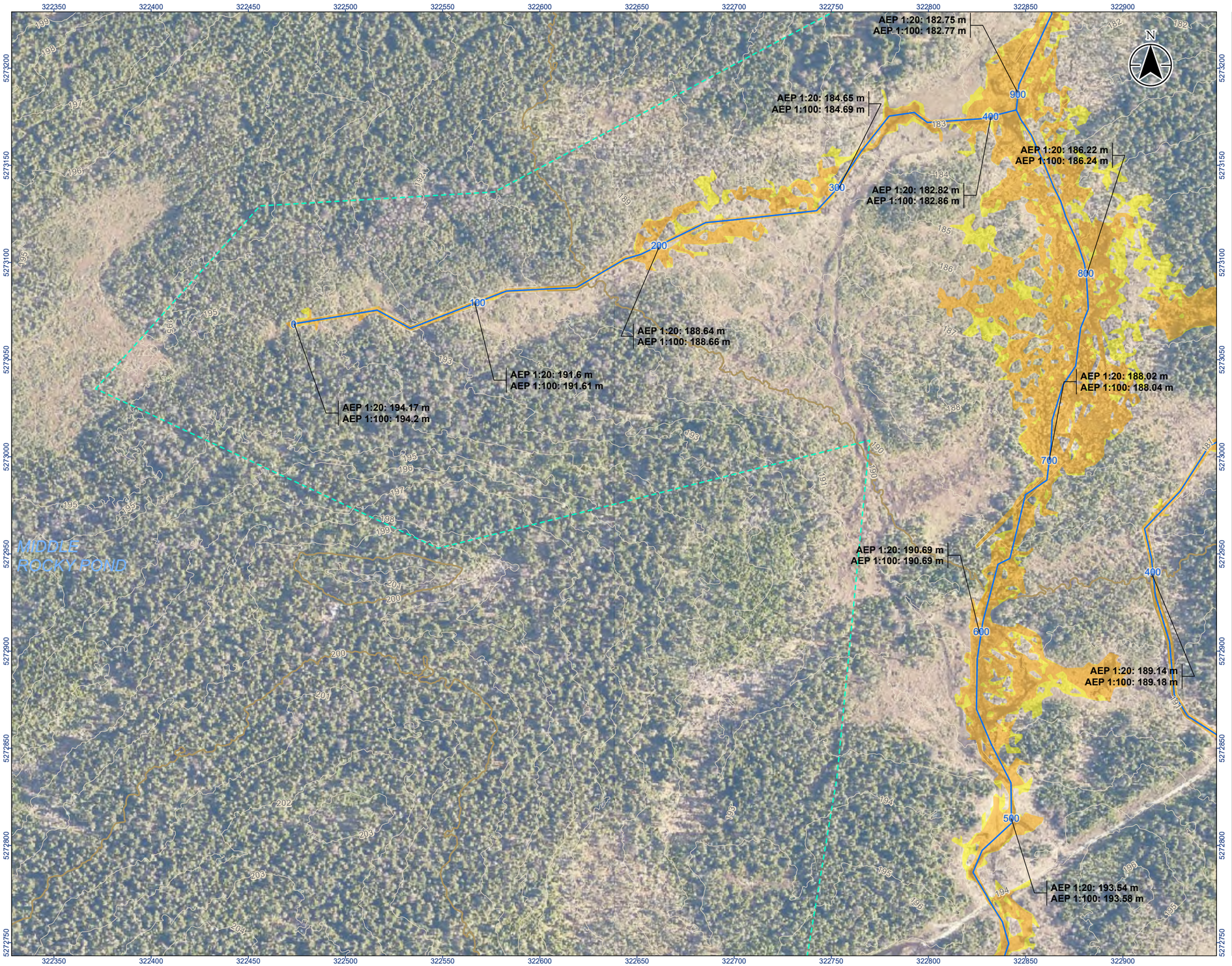
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-2

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 2 of 30

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Legend

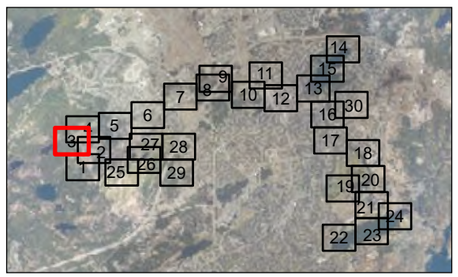
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
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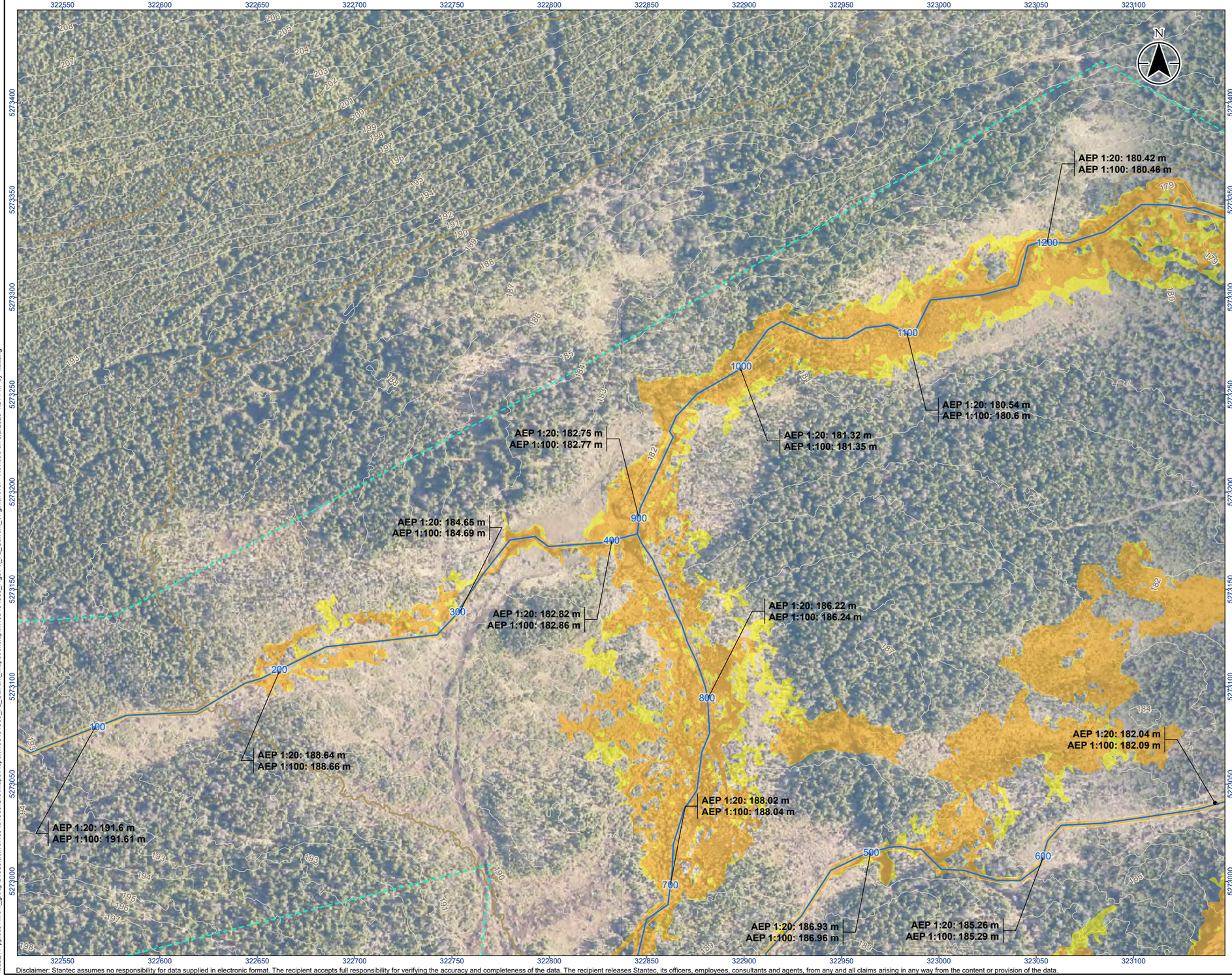
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-3

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 3 of 30

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Legend

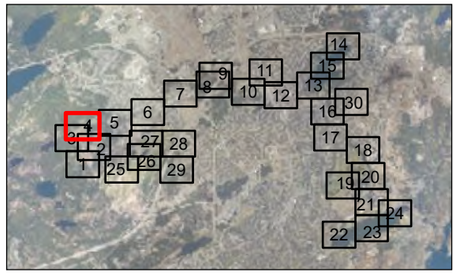
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-4

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 4 of 30

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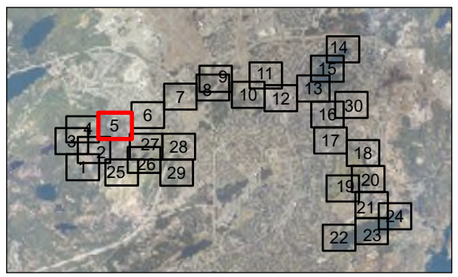
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-5

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 5 of 30

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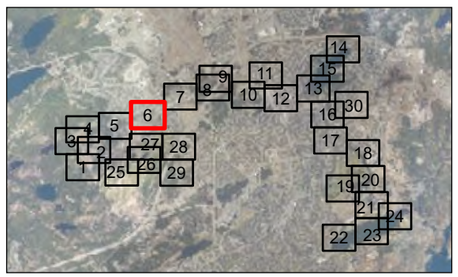
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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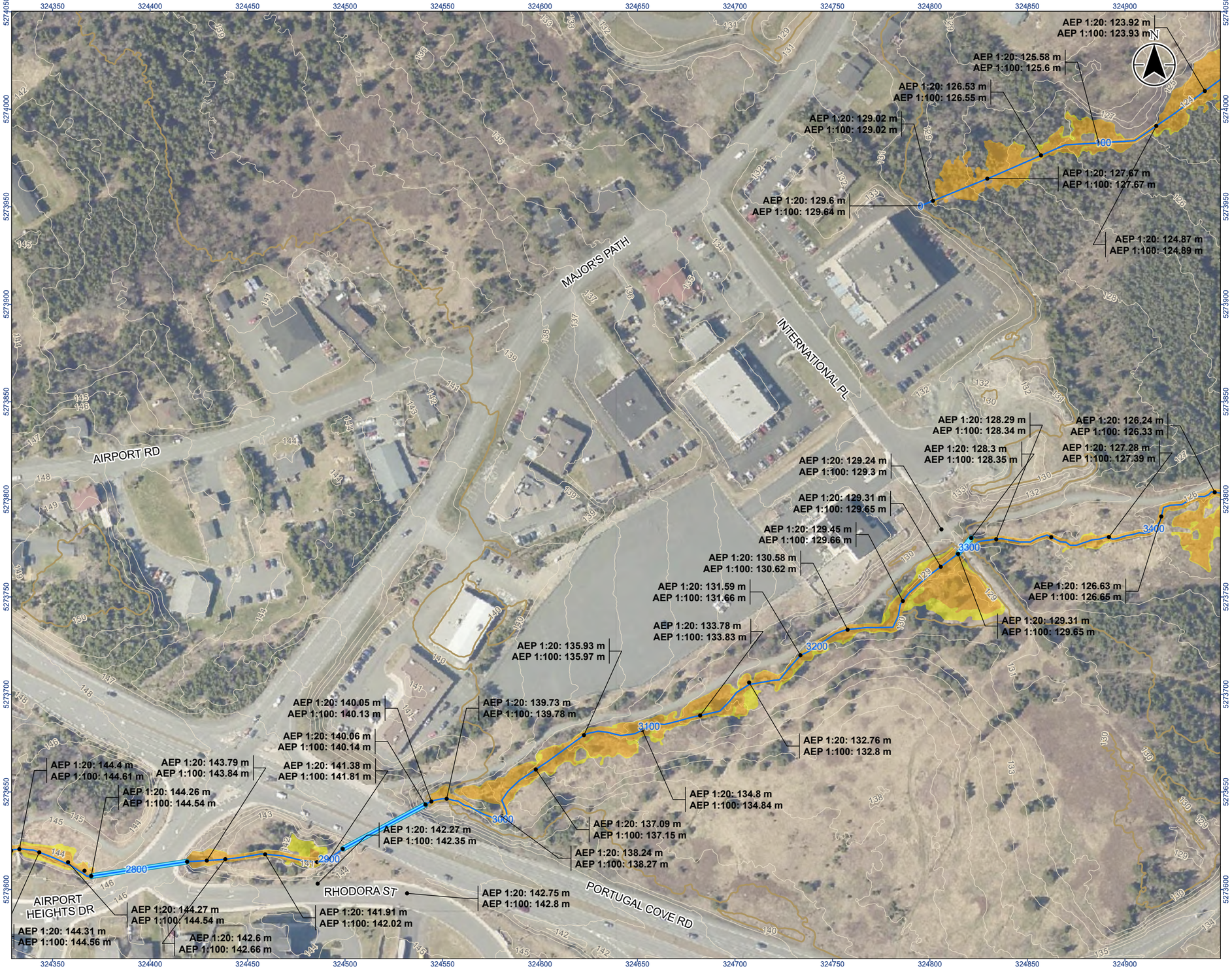
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-6

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 6 of 30

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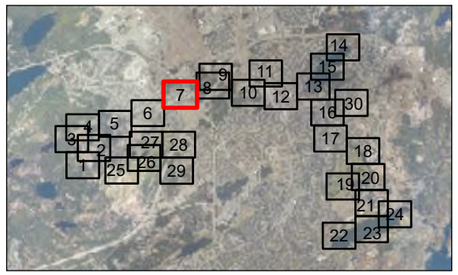
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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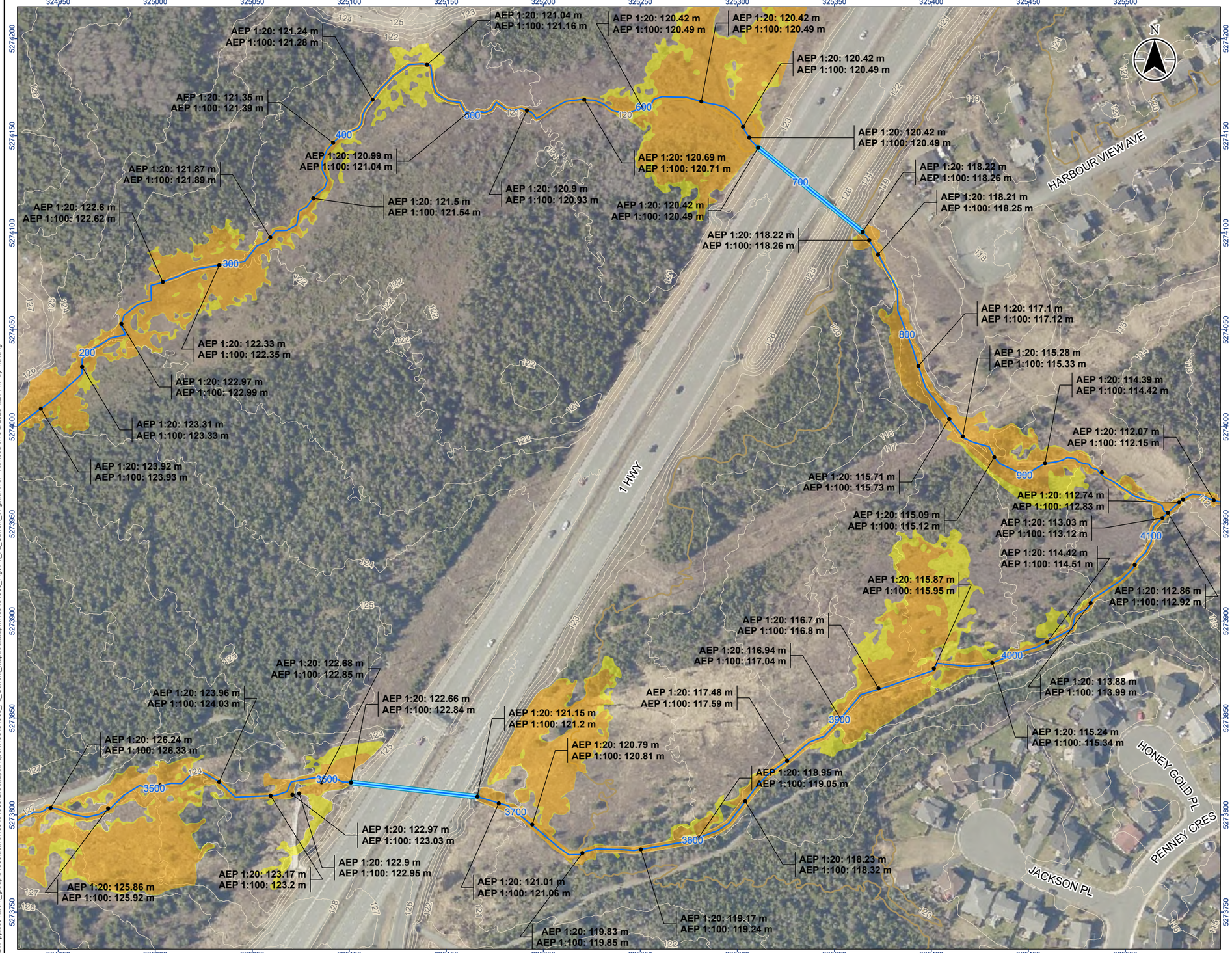
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-7

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 7 of 30

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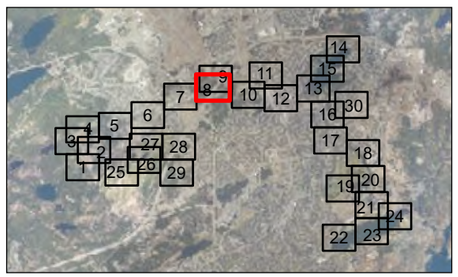
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- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
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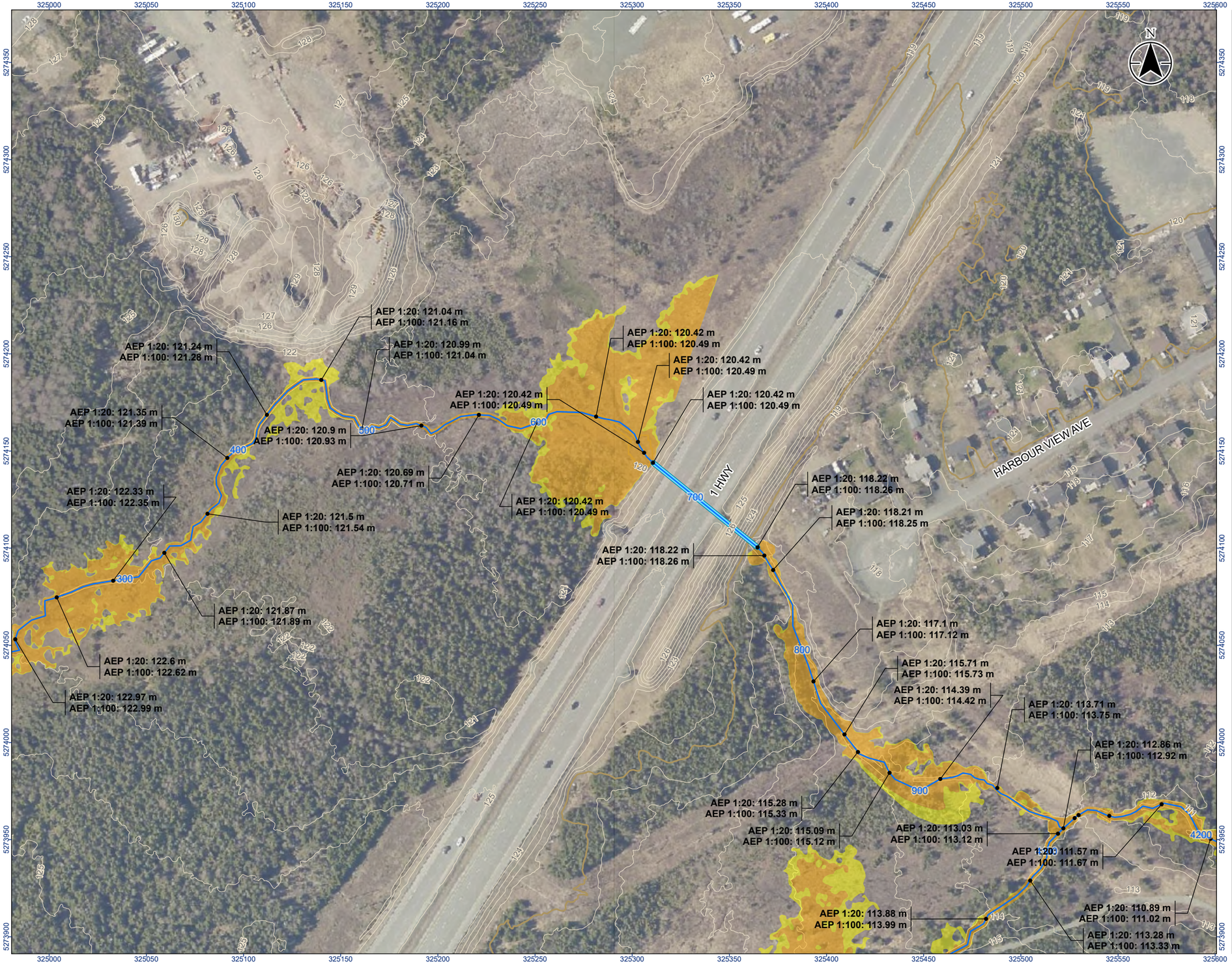
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-8

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 8 of 30

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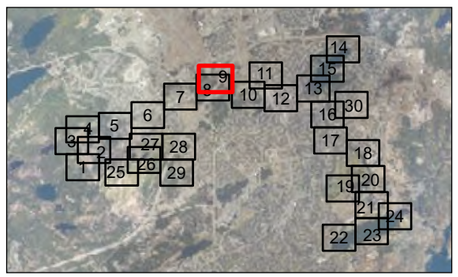
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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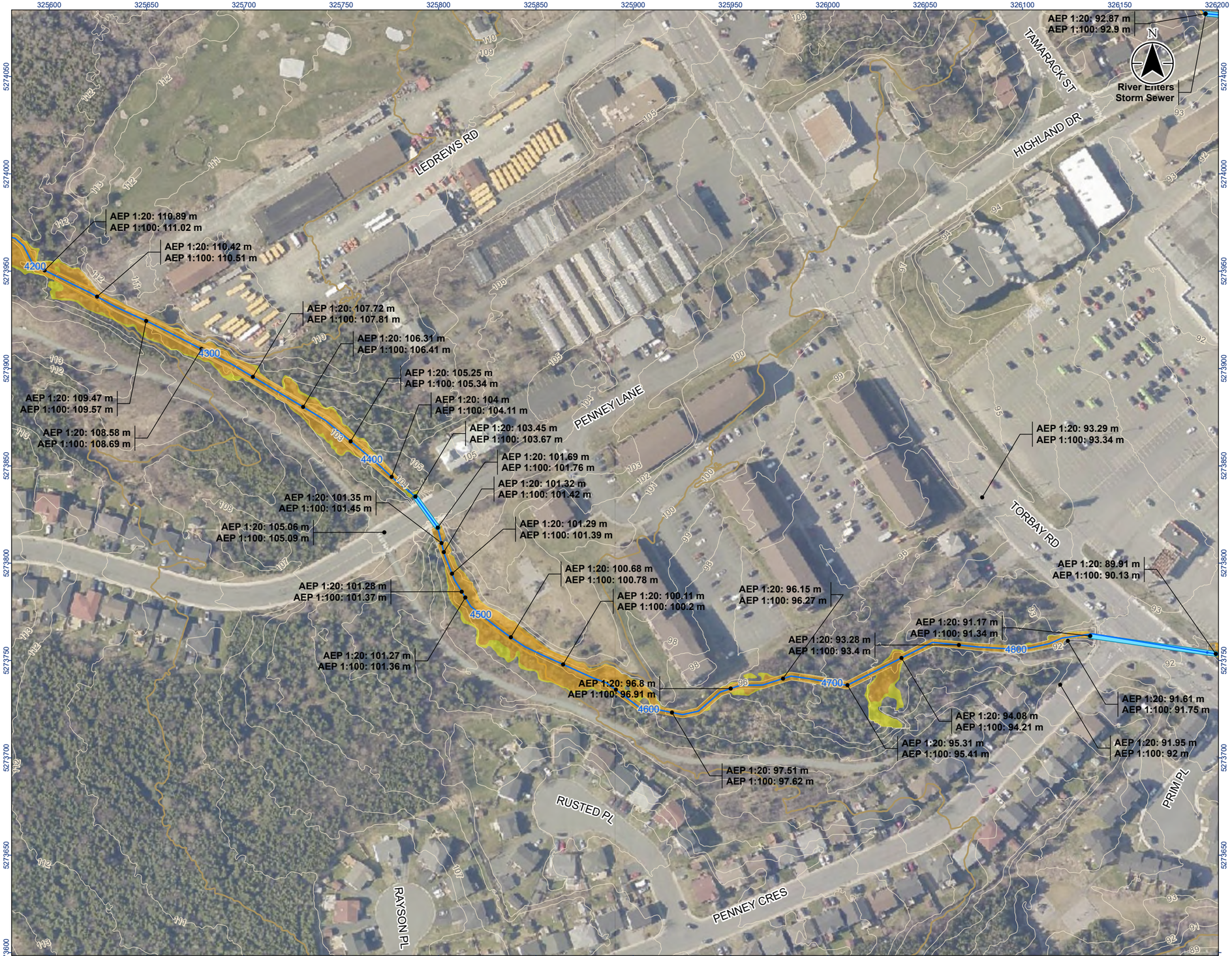
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-9

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 9 of 30

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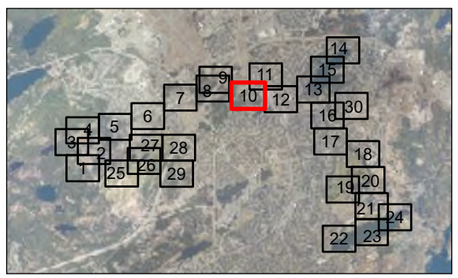
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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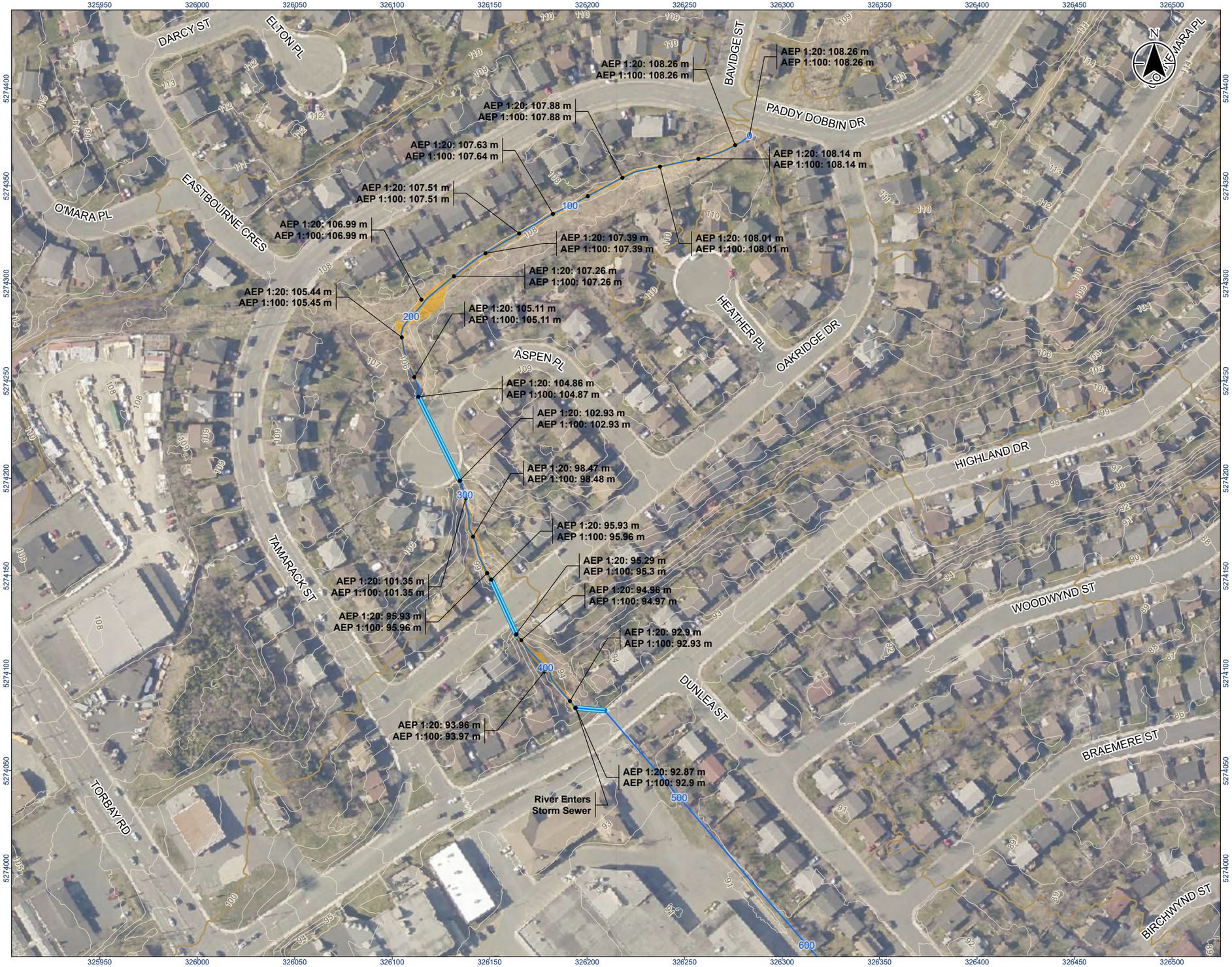
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-10

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 10 of 30

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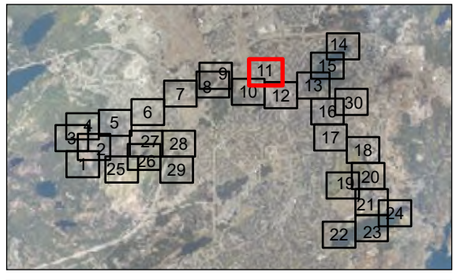
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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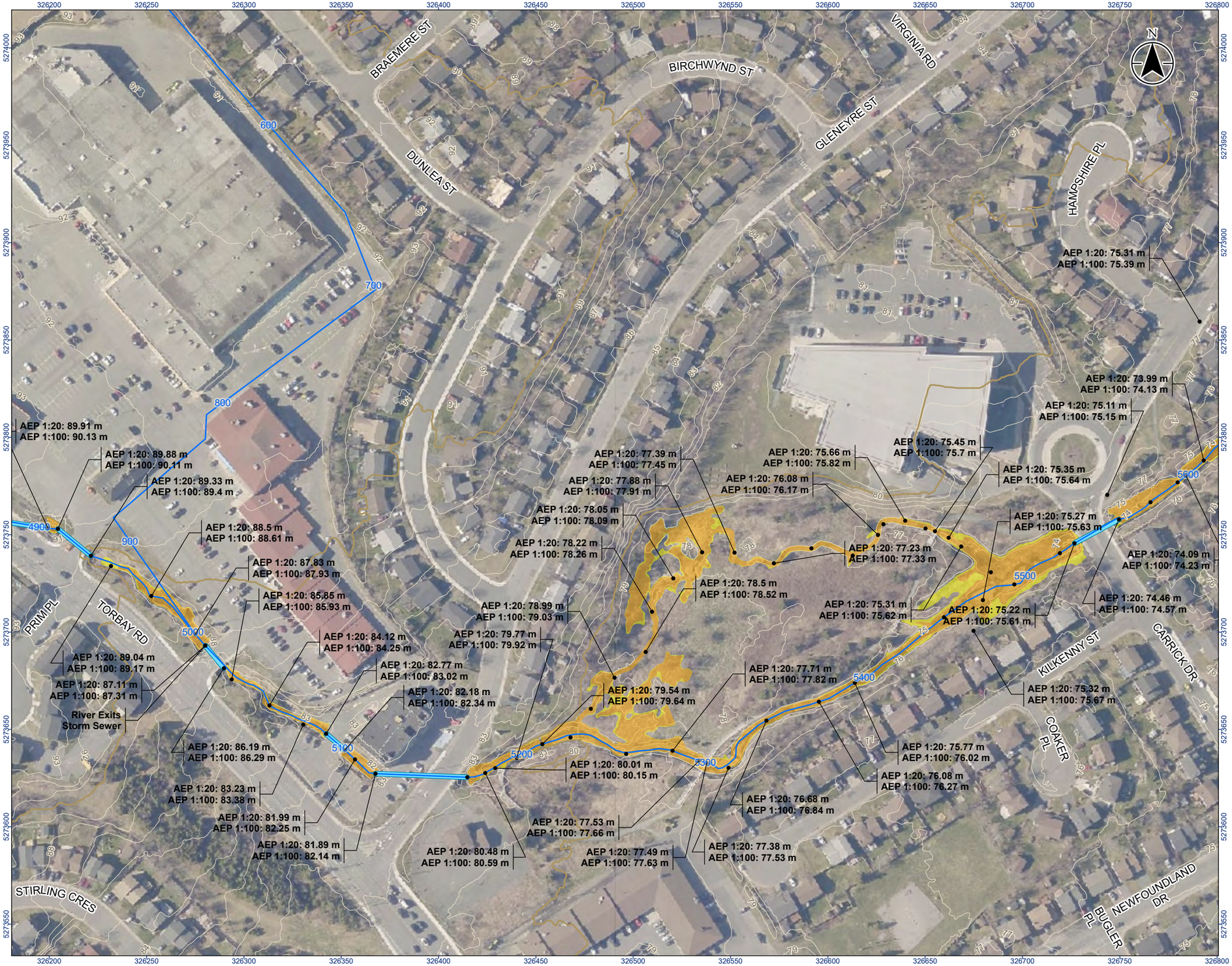
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-11

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 11 of 30

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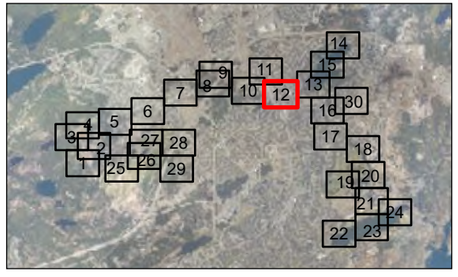
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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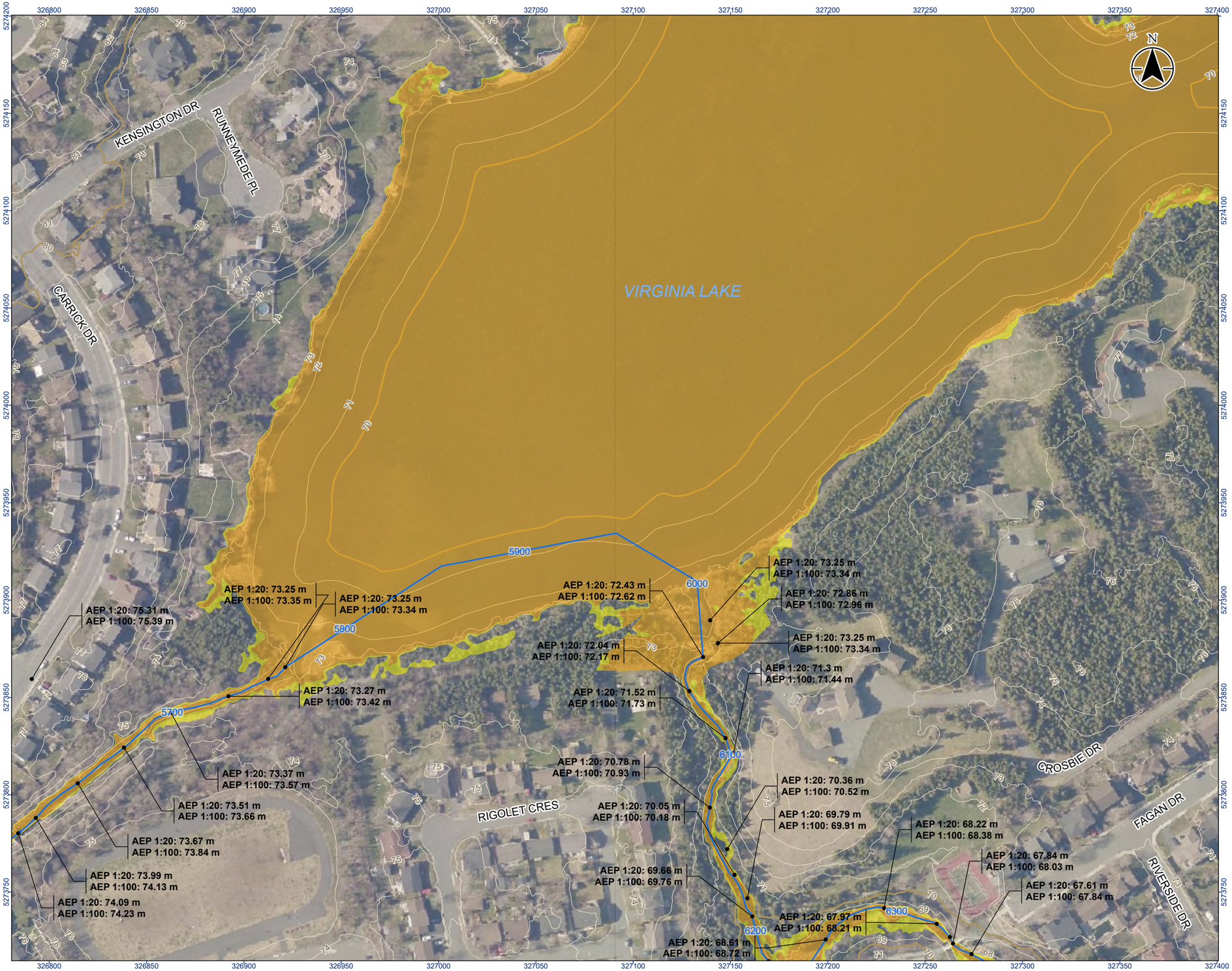
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-12

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 12 of 30

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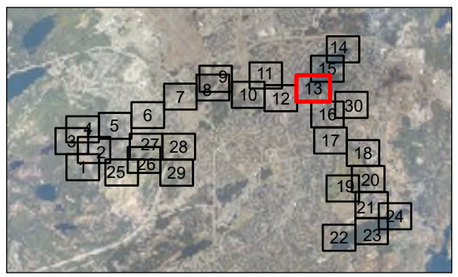
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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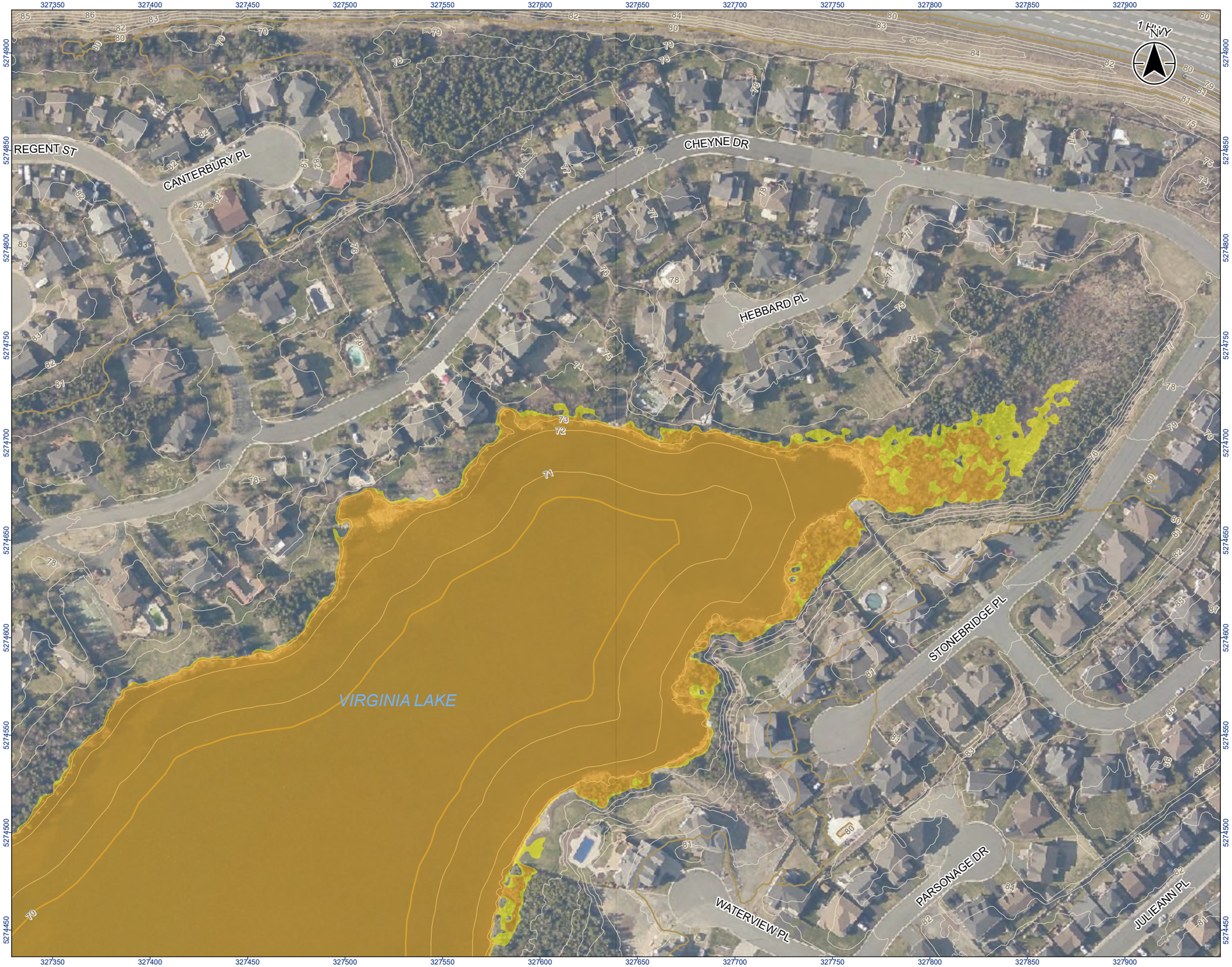
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-13

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 13 of 30

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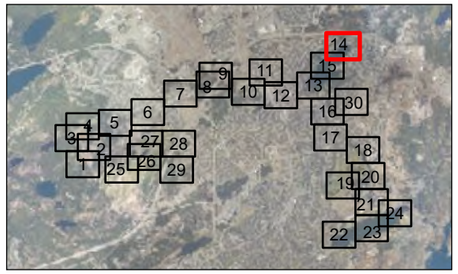
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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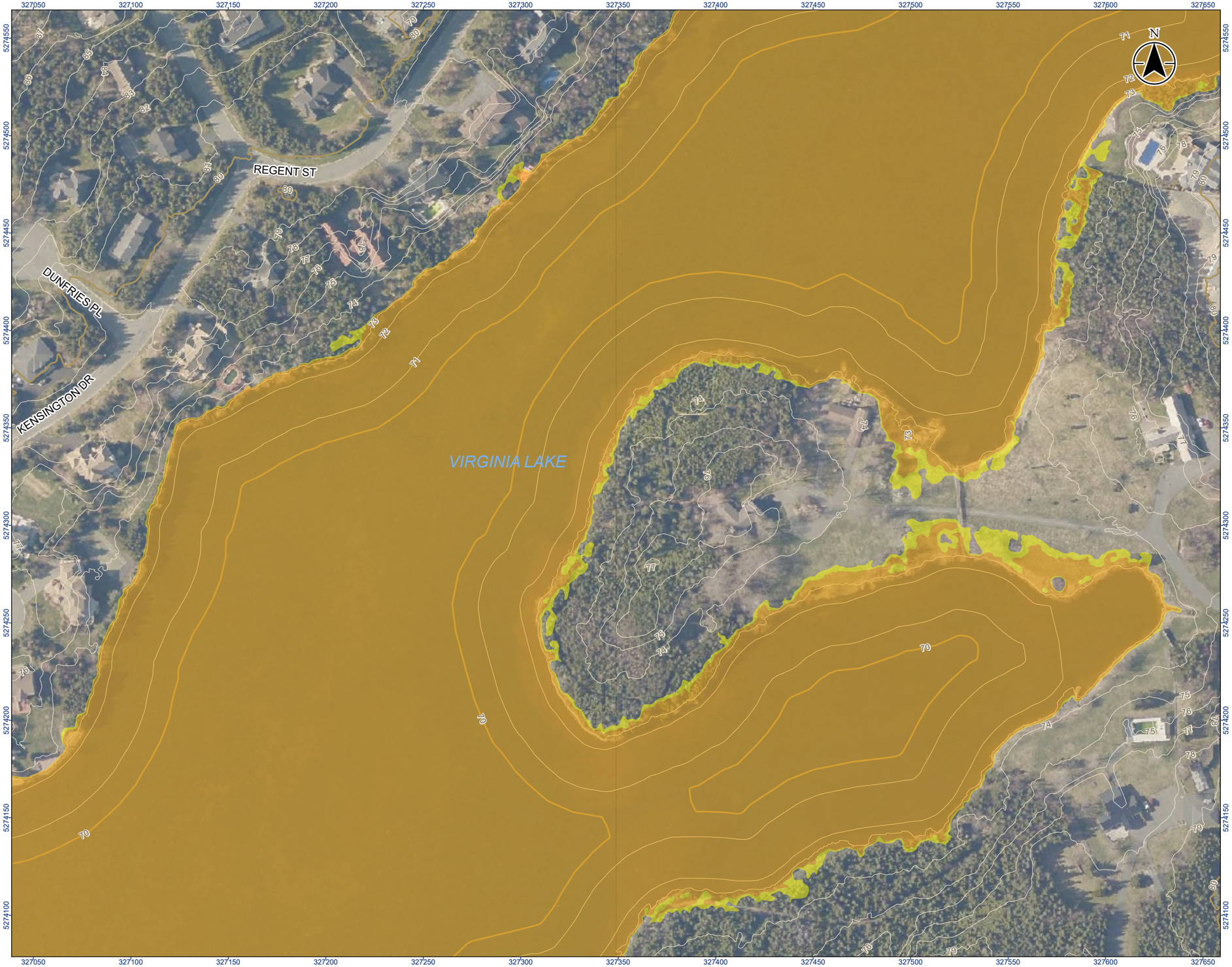
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-14

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 14 of 30

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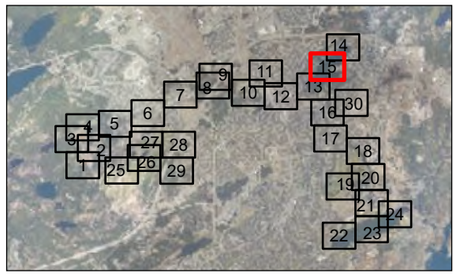
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-15

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 15 of 30

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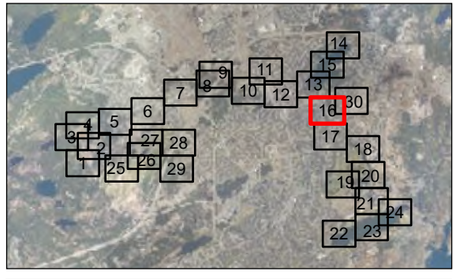
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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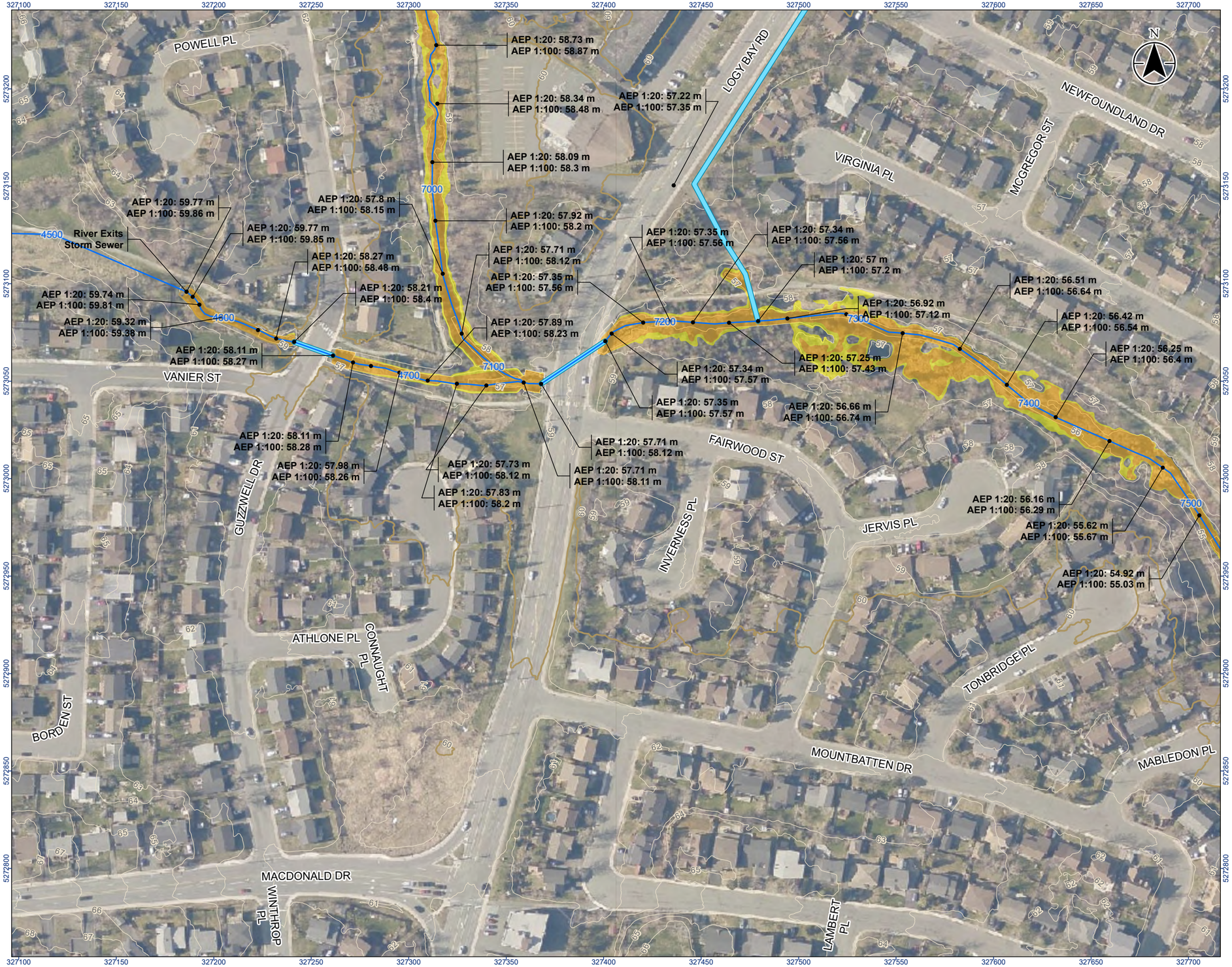
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-16

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 16 of 30

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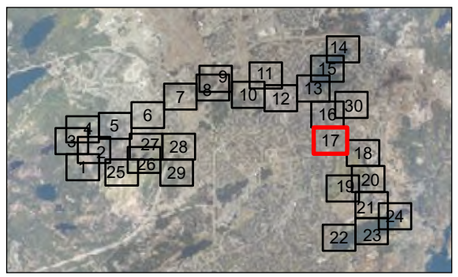
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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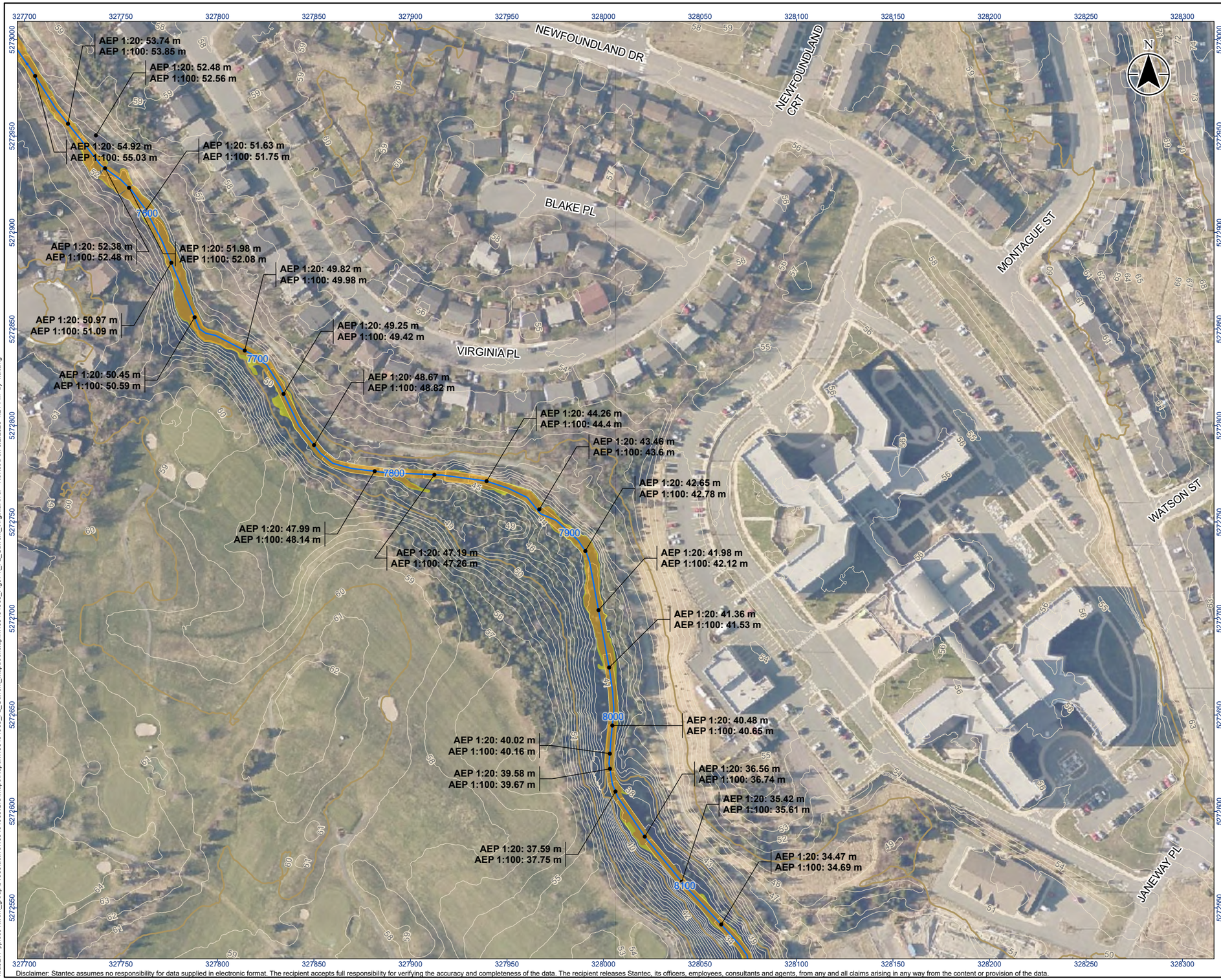
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-17

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 17 of 30

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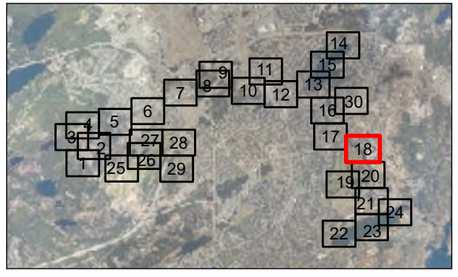
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-18

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 18 of 30

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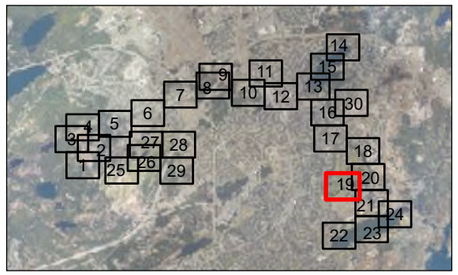
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-19

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 19 of 30

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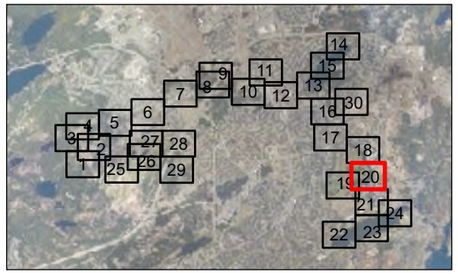
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-20

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 20 of 30

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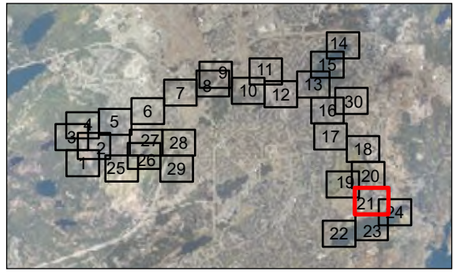
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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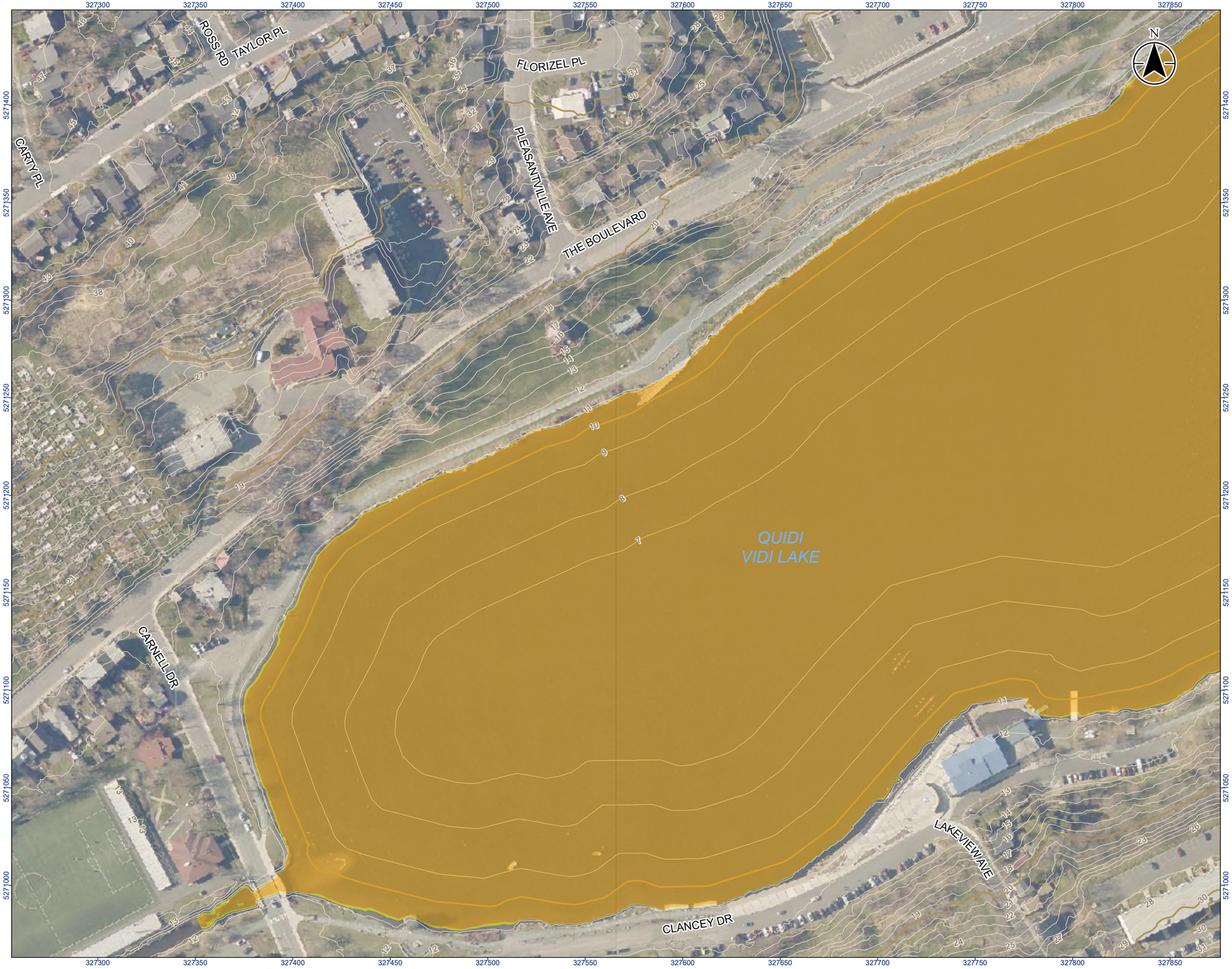
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-21

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 21 of 30

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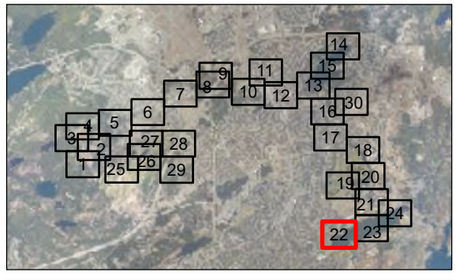
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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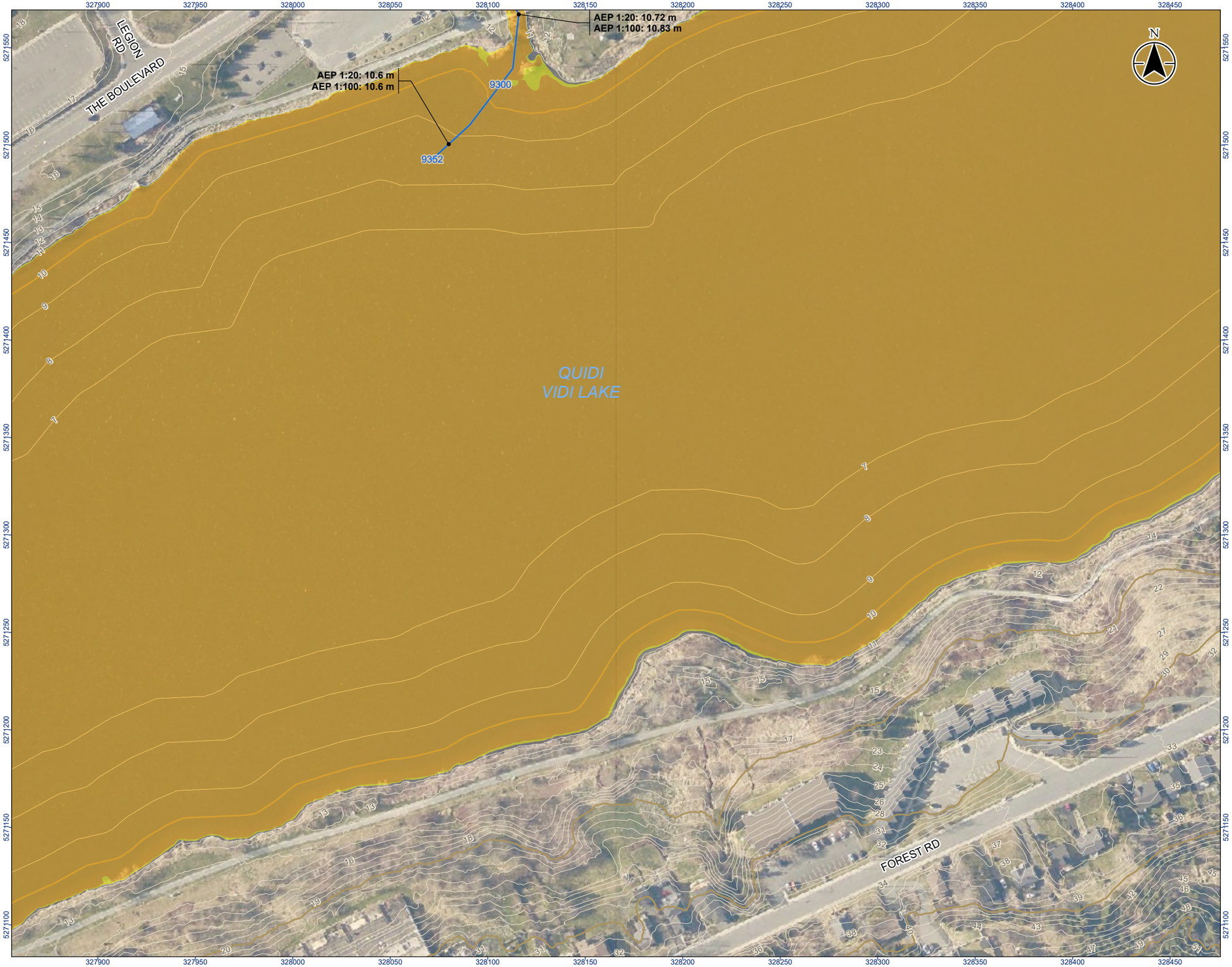
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-22

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 22 of 30

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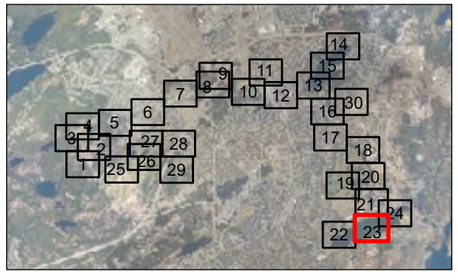
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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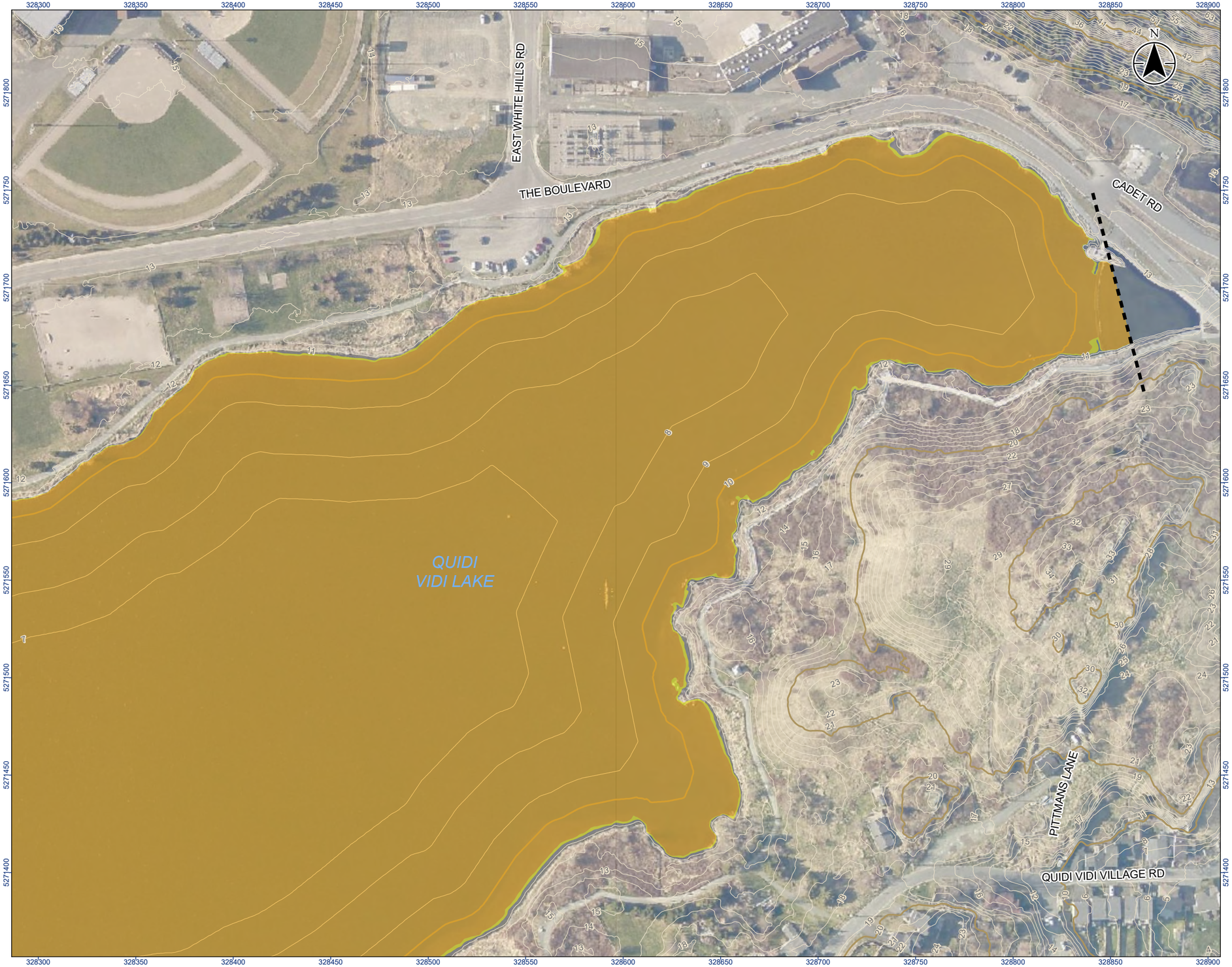
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-23

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 23 of 30

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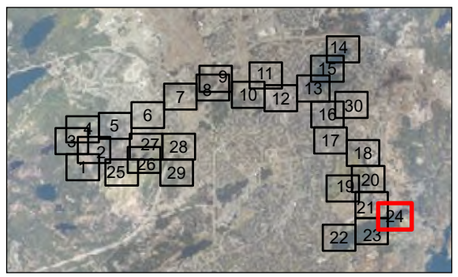
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-24

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 24 of 30

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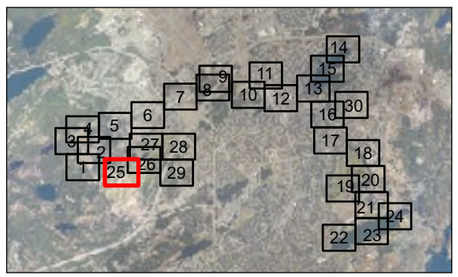
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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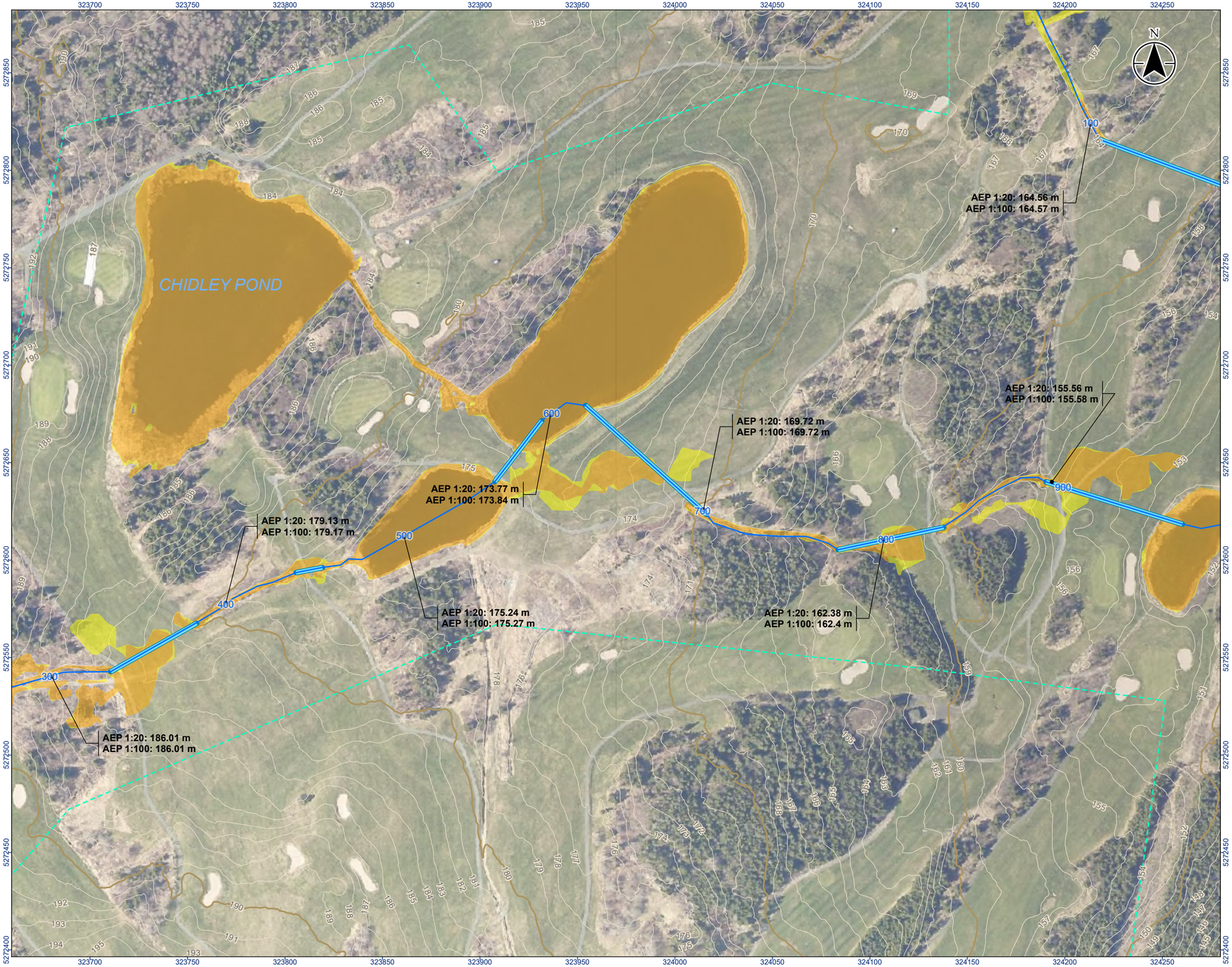
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-25

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 25 of 30

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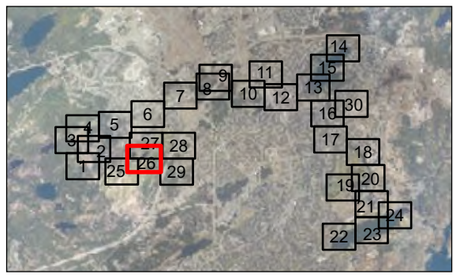
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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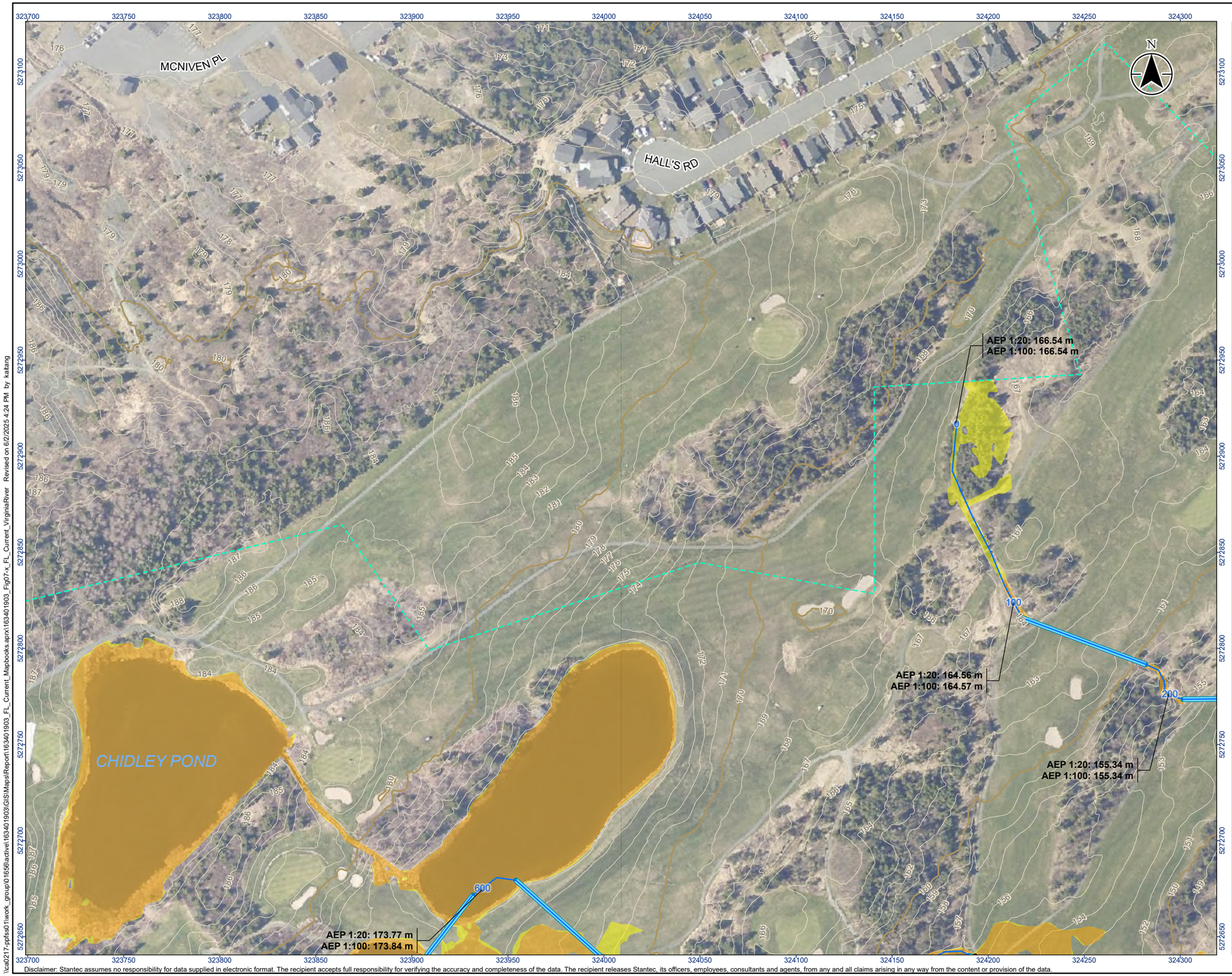
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-26

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 26 of 30

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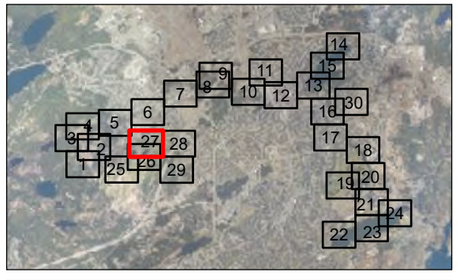
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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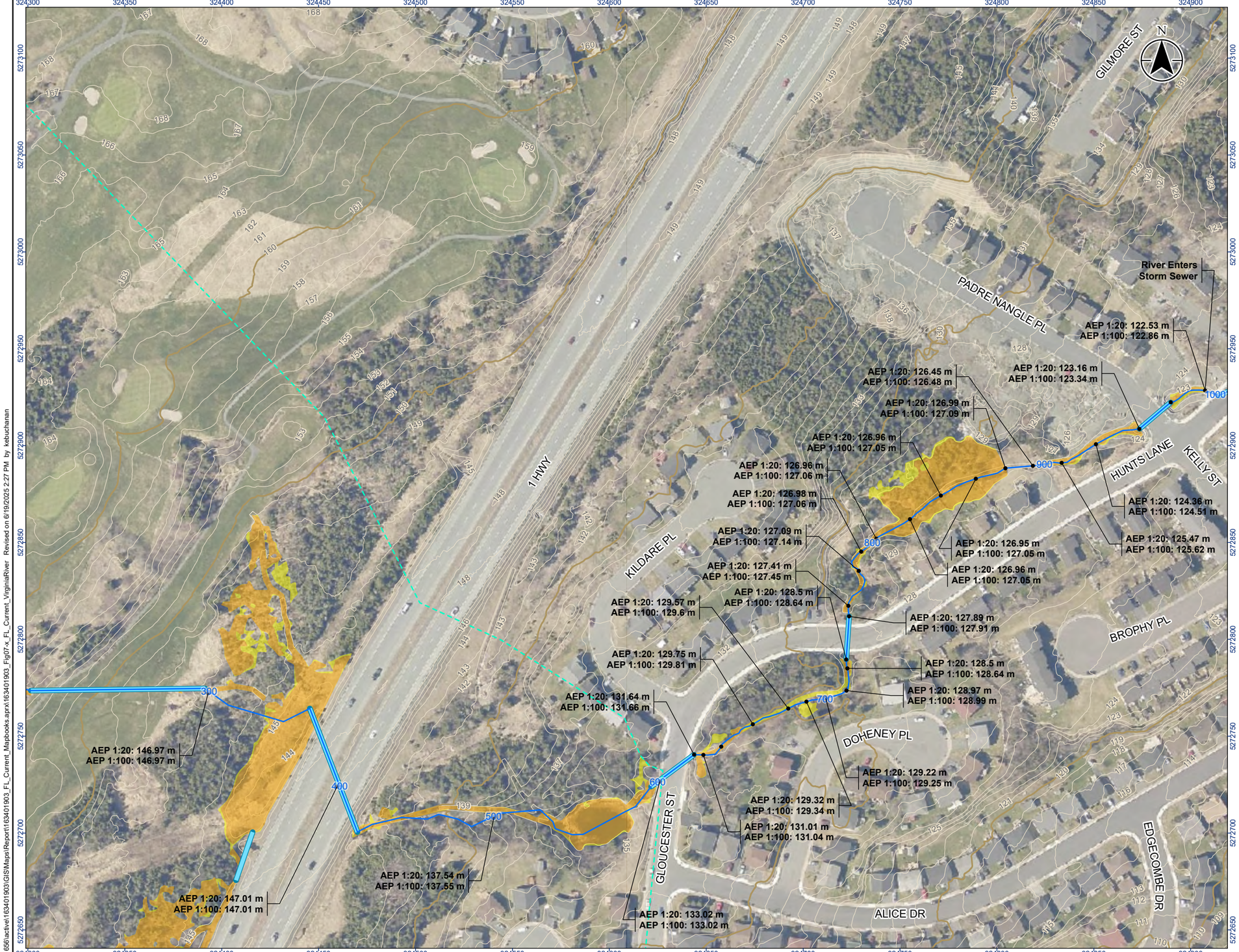
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-27

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 27 of 30

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Stantec

Legend

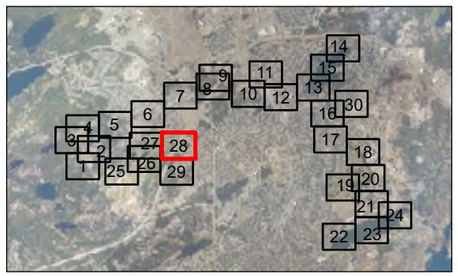
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2025-06-19

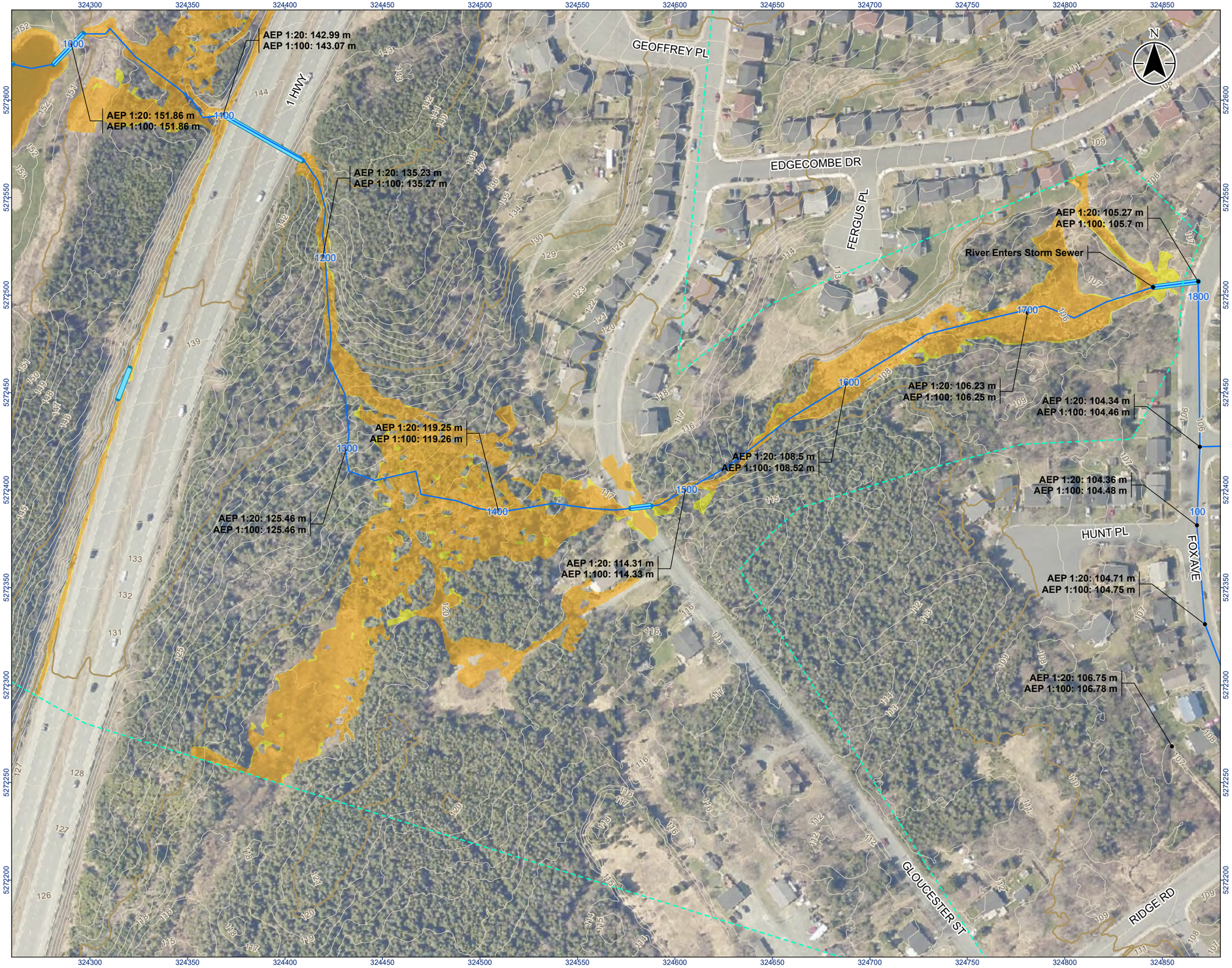
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-28

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 28 of 30

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Stantec

Legend

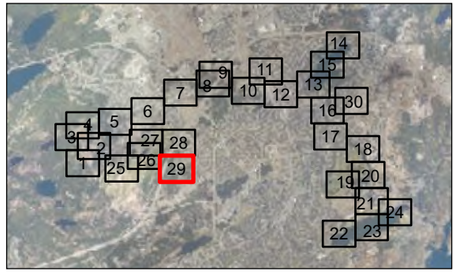
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-29

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 29 of 30

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Stantec

Legend

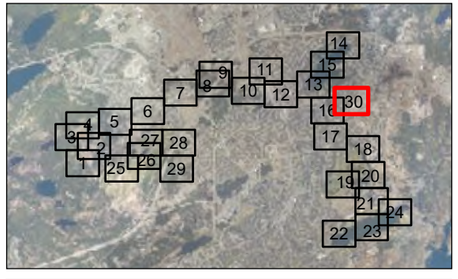
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-06-03

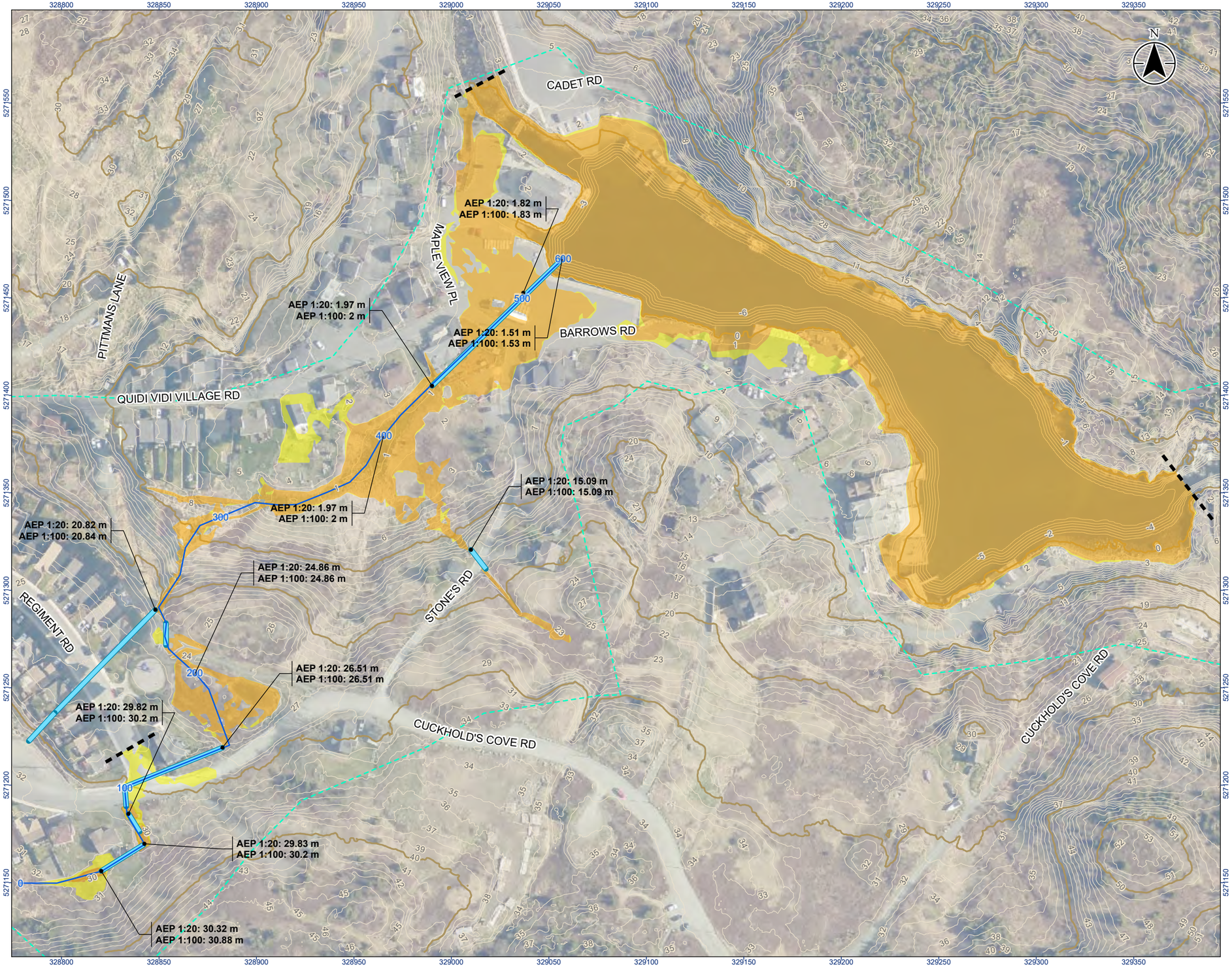
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
7-30

Title
Current Climate Condition
AEP Flood Zone - Virginia River
Sheet 30 of 30

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by jacwalker on 2024-12-19

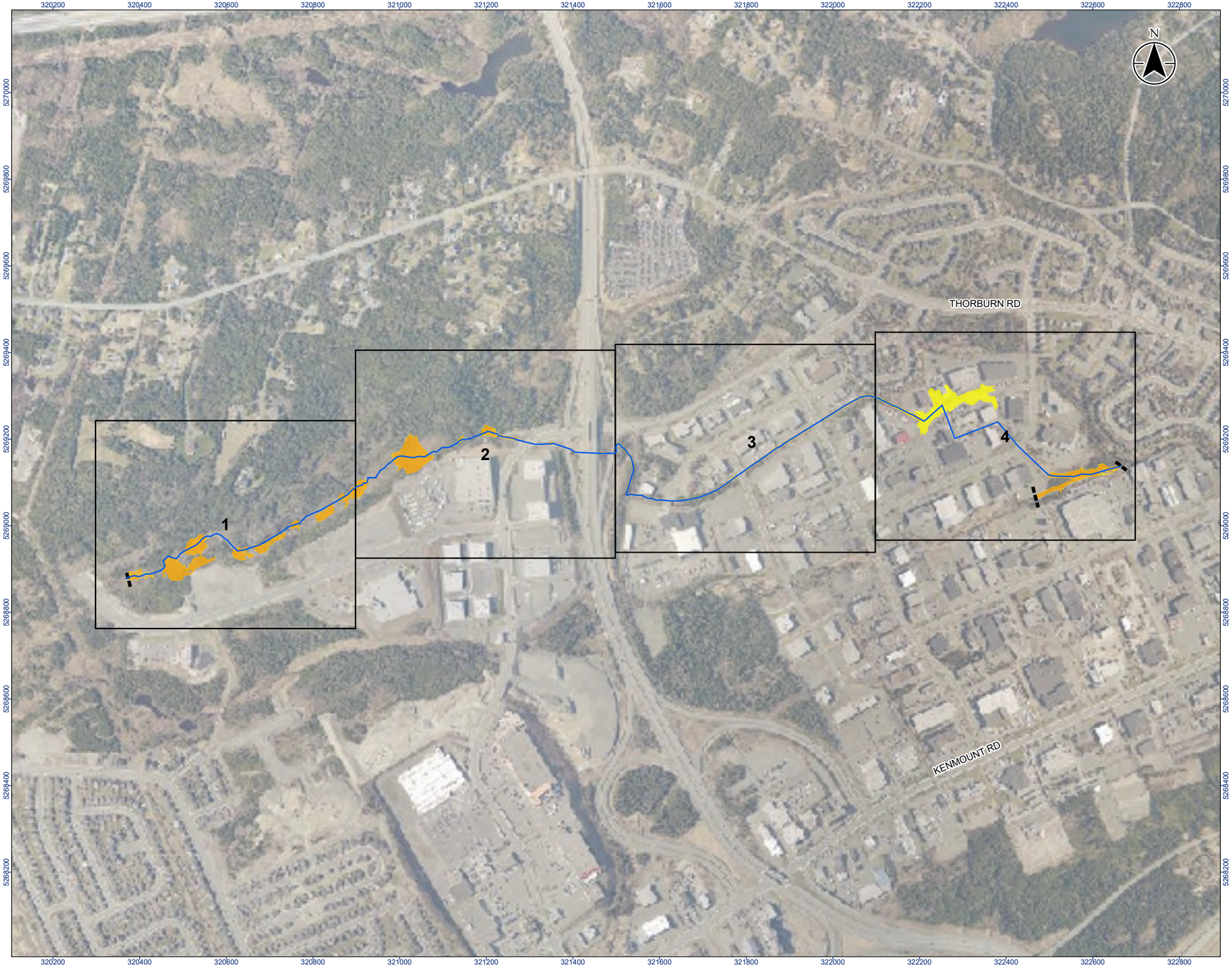
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
8-0

Title
Climate Change Condition
AEP Flood Zone - Barrow Road Stream

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 175 350 m

1:9,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

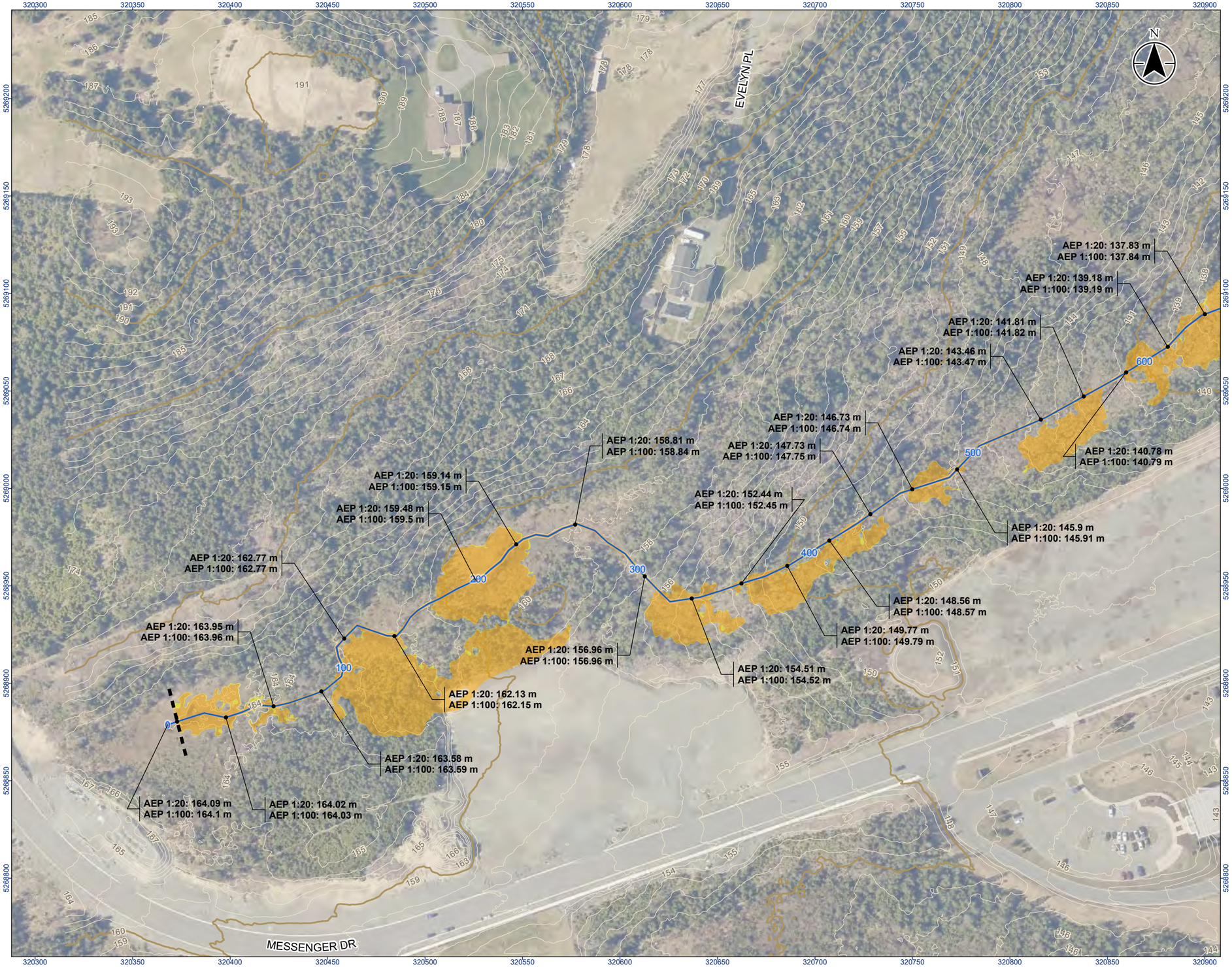
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
9-0

Title
Climate Change Condition
AEP Flood Zone - Holes In Marsh Brook
Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by jacwalker on 2024-12-19

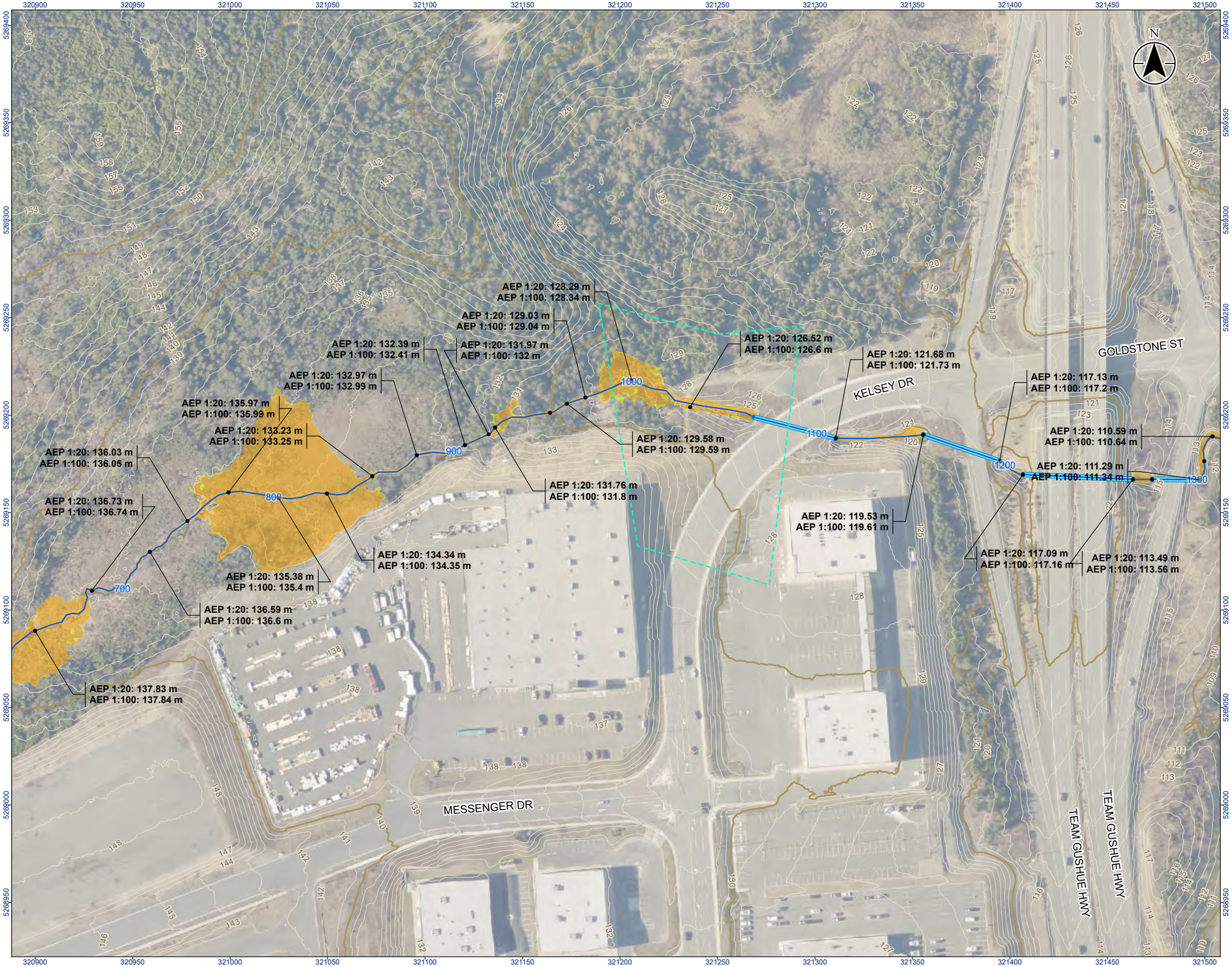
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
9-1

Title
Climate Change Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 1 of 4

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Legend

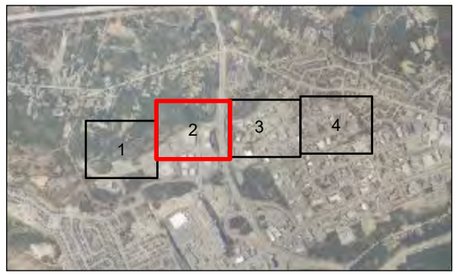
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
9-2

Title
Climate Change Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 2 of 4

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Legend

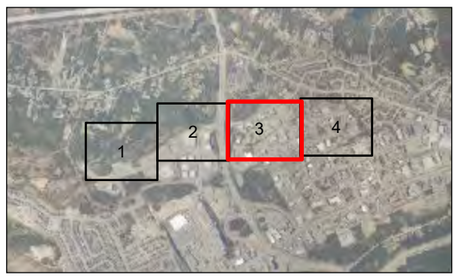
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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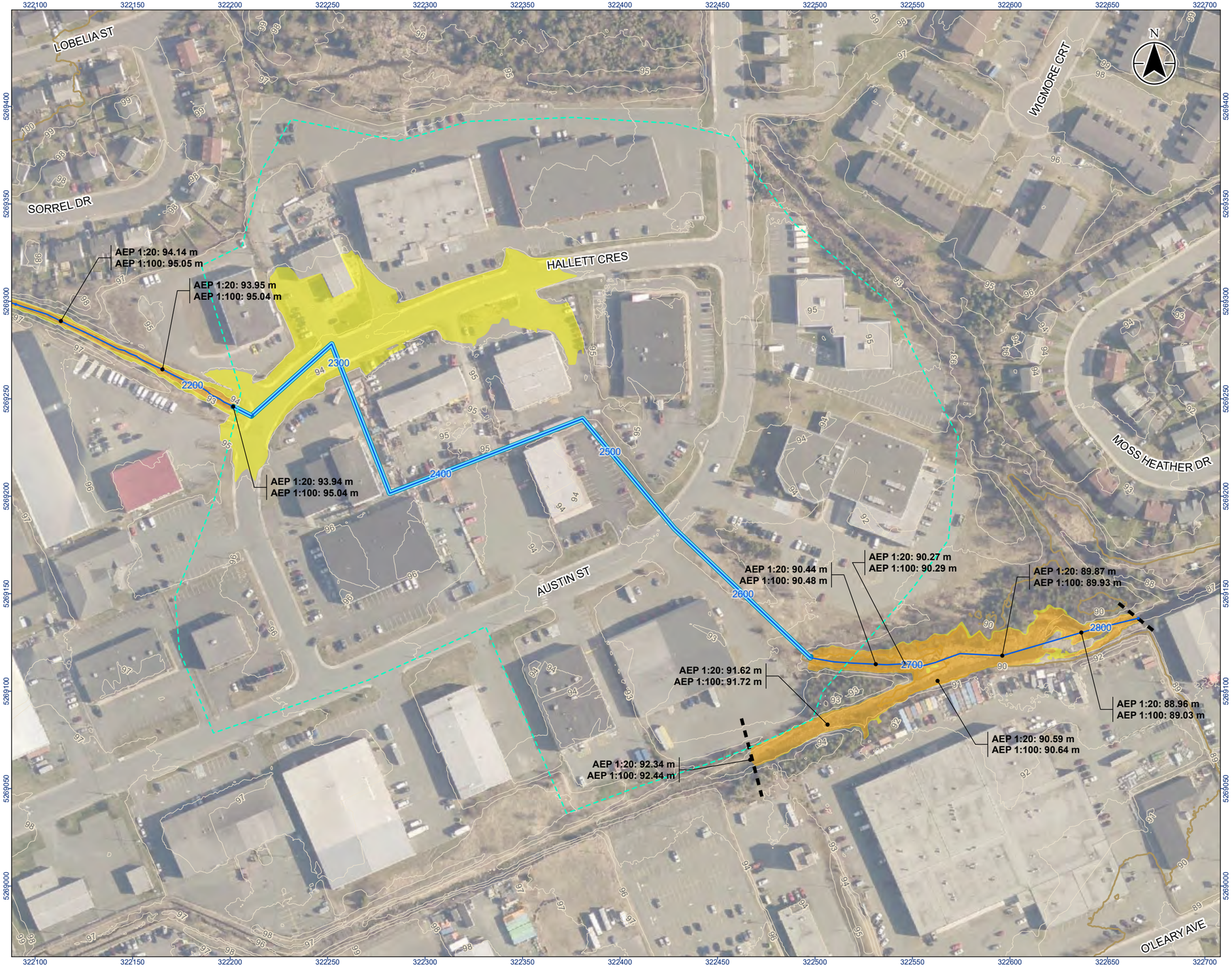
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
9-3

Title
Climate Change Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 3 of 4

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FL_ClimateChange_HolesInMarsh Revised on 12/17/2024 3:43 PM by jacwalker



Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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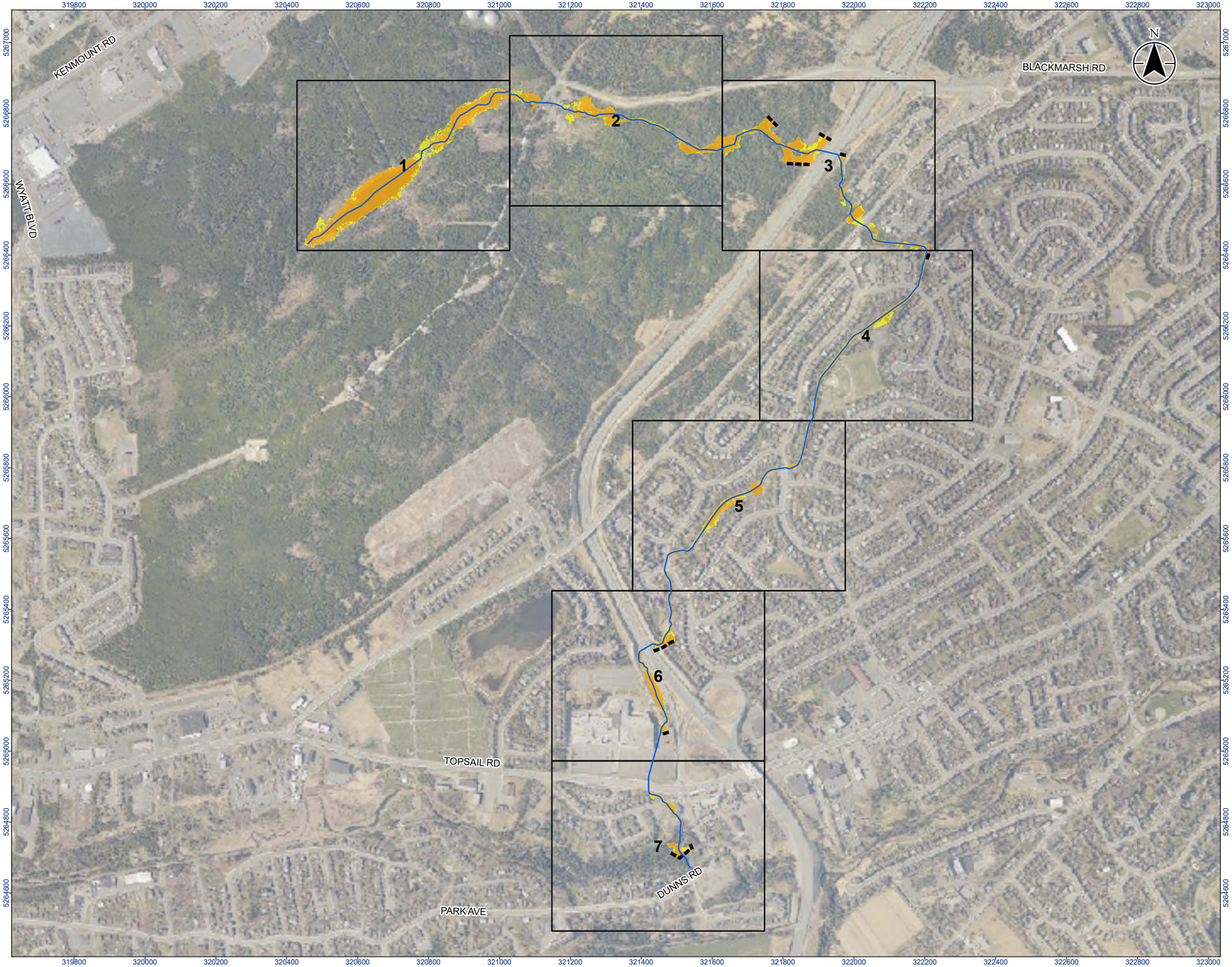
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
9-4

Title
Climate Change Condition
AEP Flood Zone - Holes In Marsh Brook
Sheet 4 of 4

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Stantec

Legend

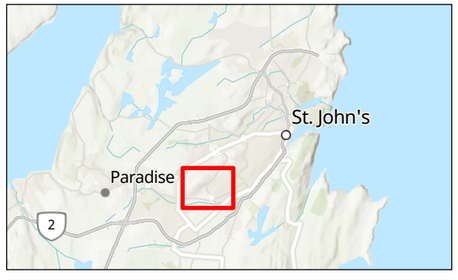
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 210 420 m

1:11,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

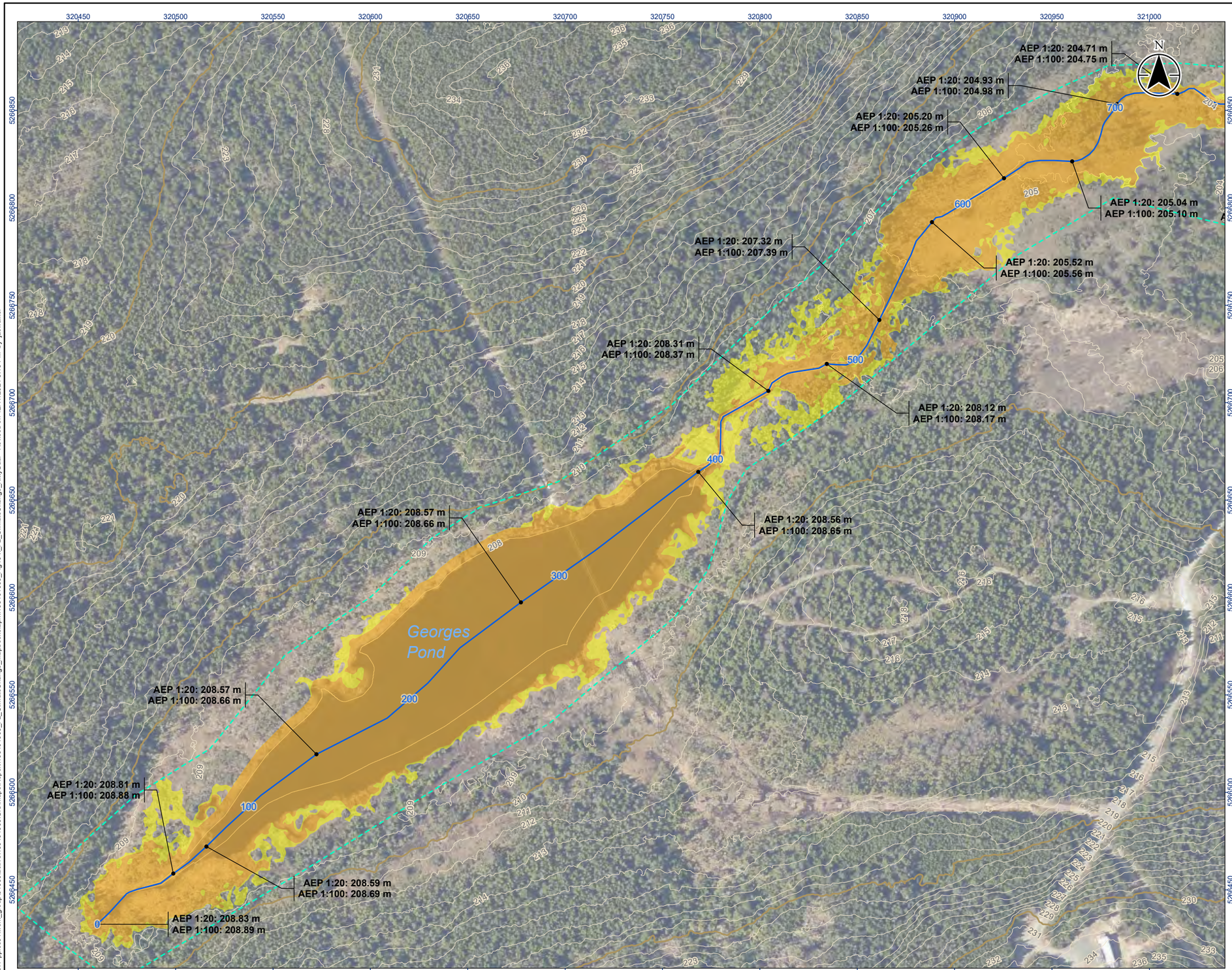
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-0

Title
Climate Change Condition AEP Flood Zone - Kitty Gaul Brook Overview Map

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Legend

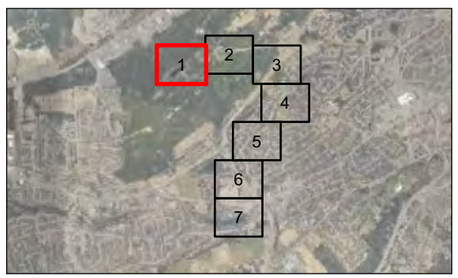
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-1

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 1 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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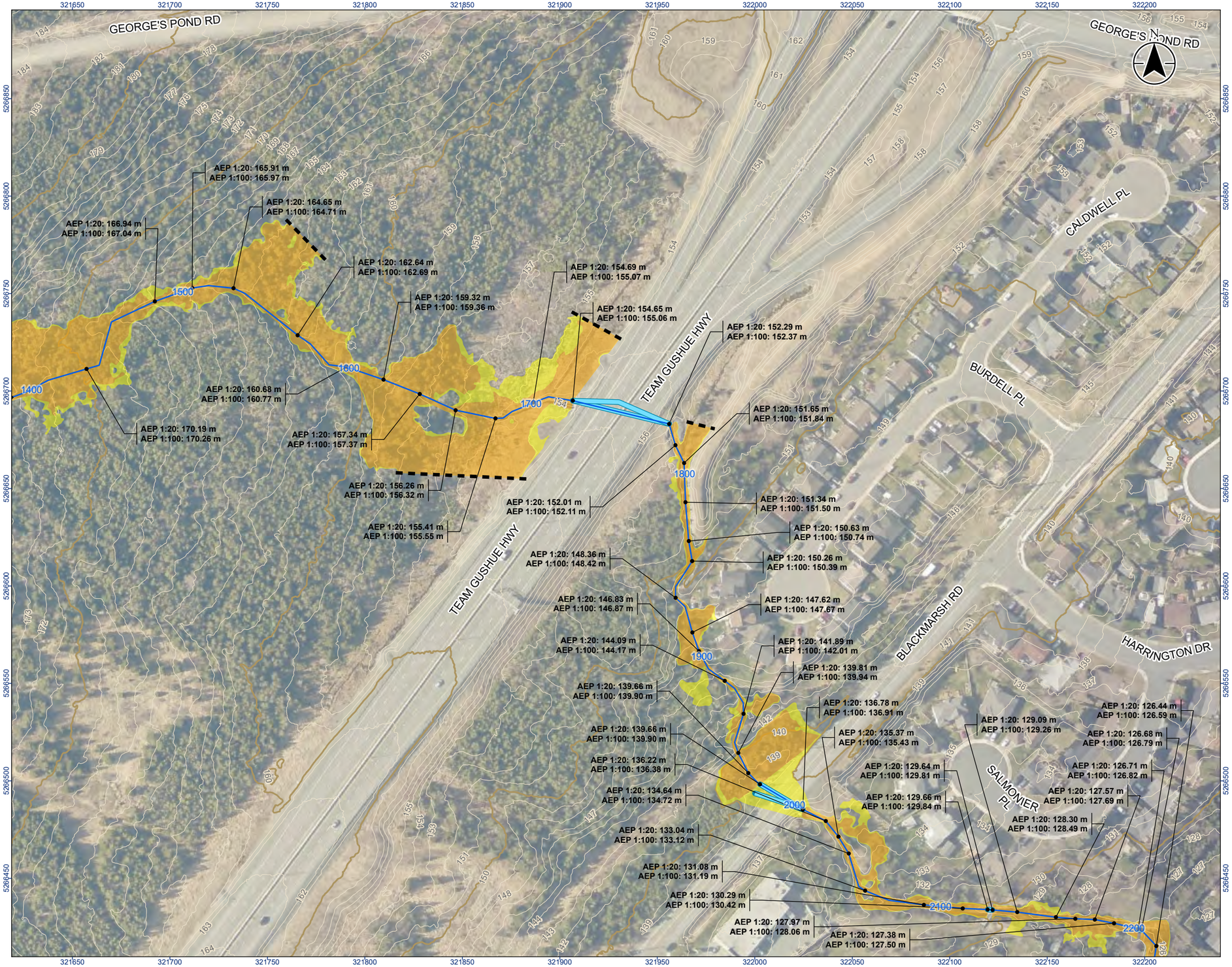
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-2

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 2 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-3

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 3 of 7

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FL_ClimateChange_KittyGaul Revised on 12/17/2024 3:43 PM by jacwalker



Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

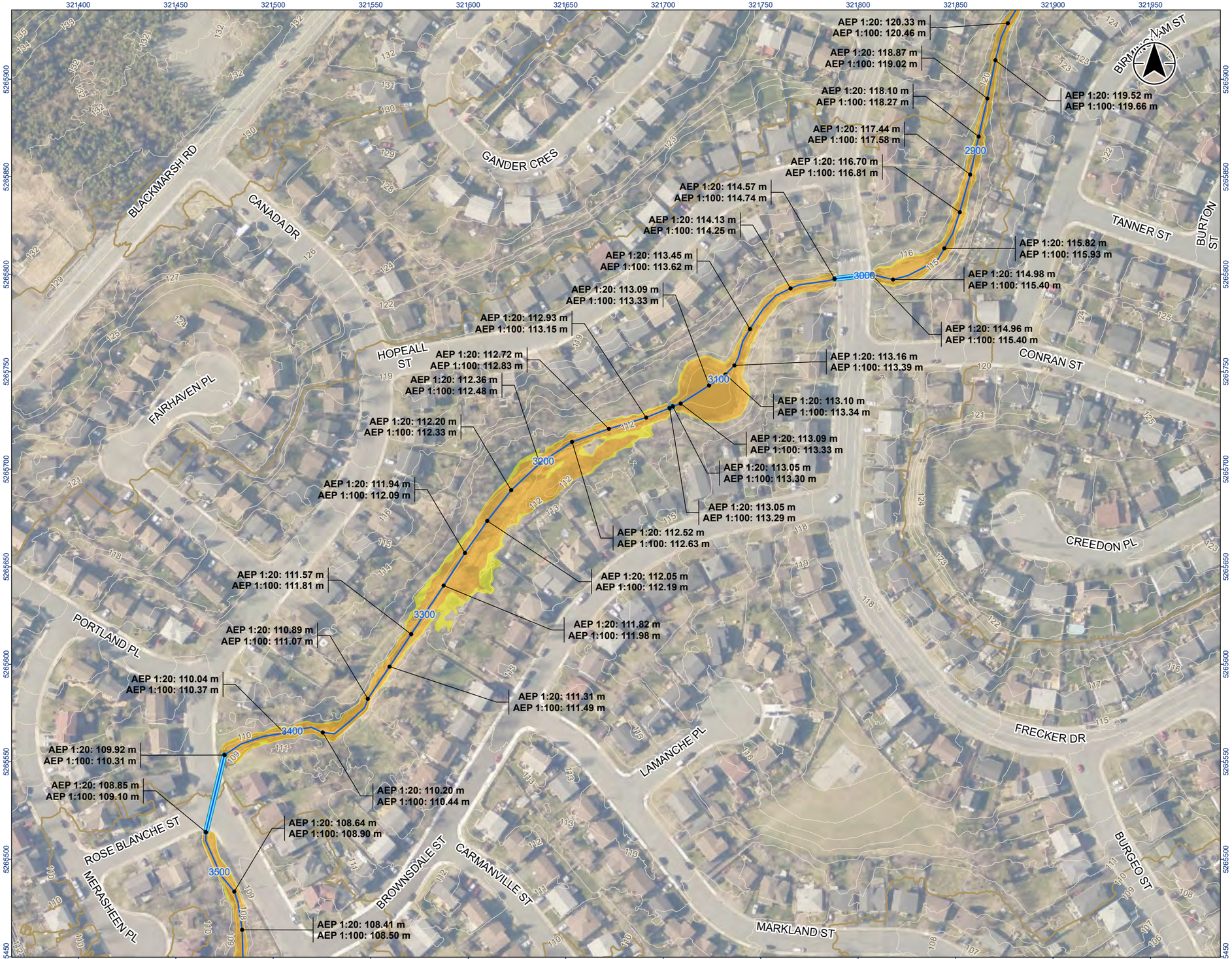
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-4

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

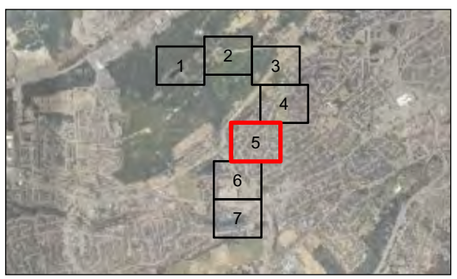
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-5

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-6

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 6 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

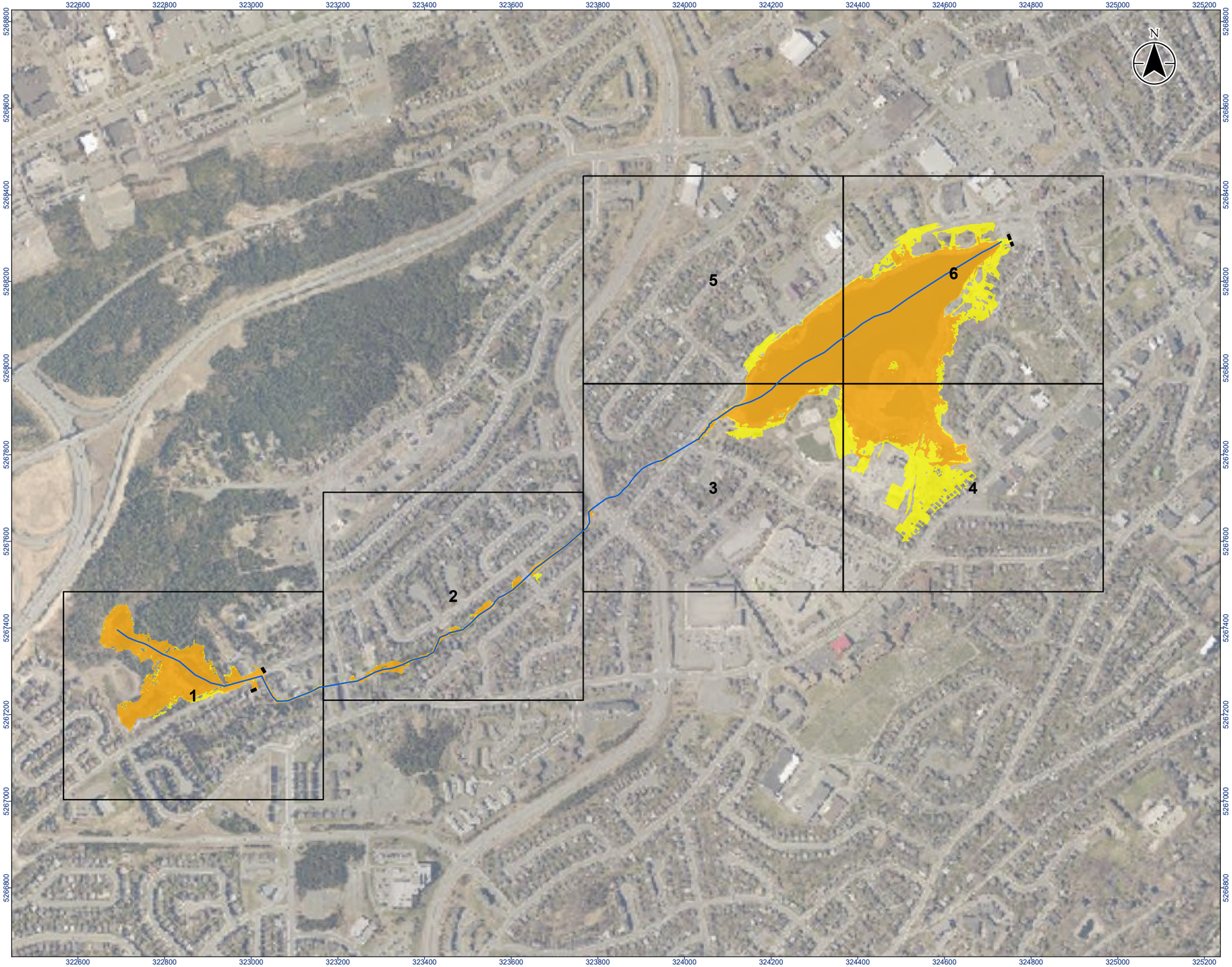
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
10-7

Title
Climate Change Condition
AEP Flood Zone - Kitty Gaul Brook
Sheet 7 of 7

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FL_ClimateChange_KittyGaul Revised on 12/17/2024 3:43 PM by jacwalker



Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 175 350 m

1:9,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-05-26

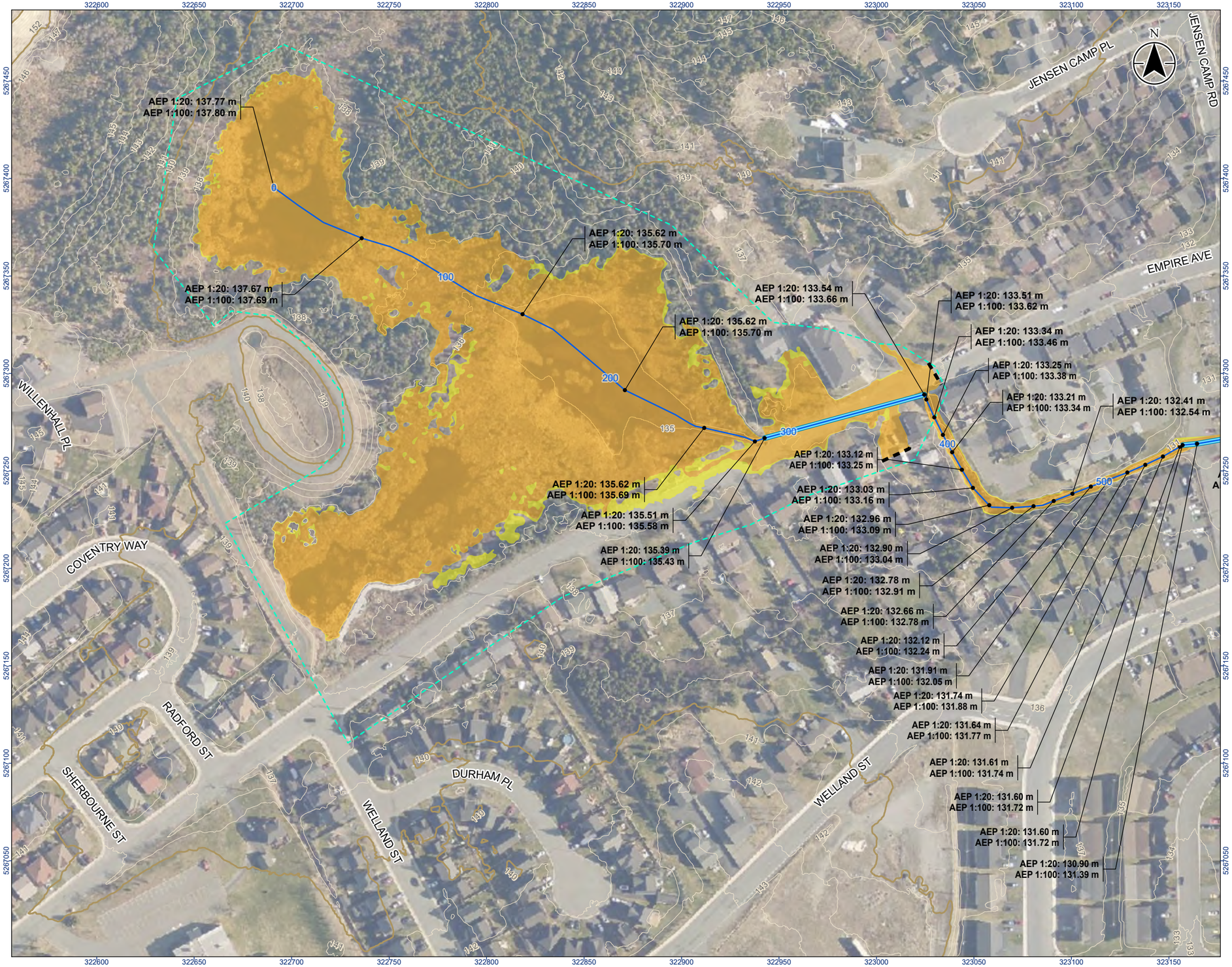
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-0

Title
Climate Change Condition AEP Flood Zone - Mundy Pond Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-1

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 1 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-02

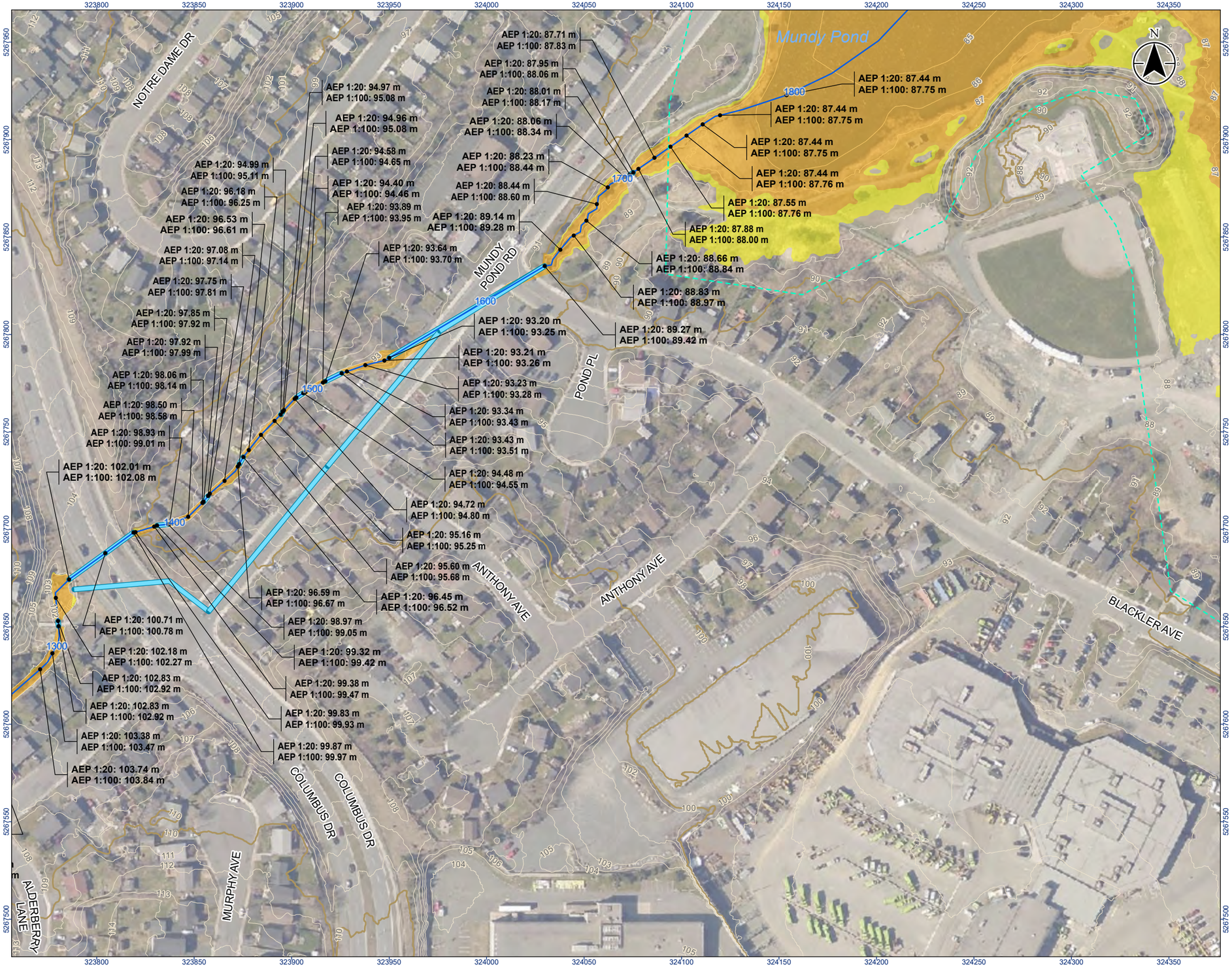
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-2

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 2 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-06-02

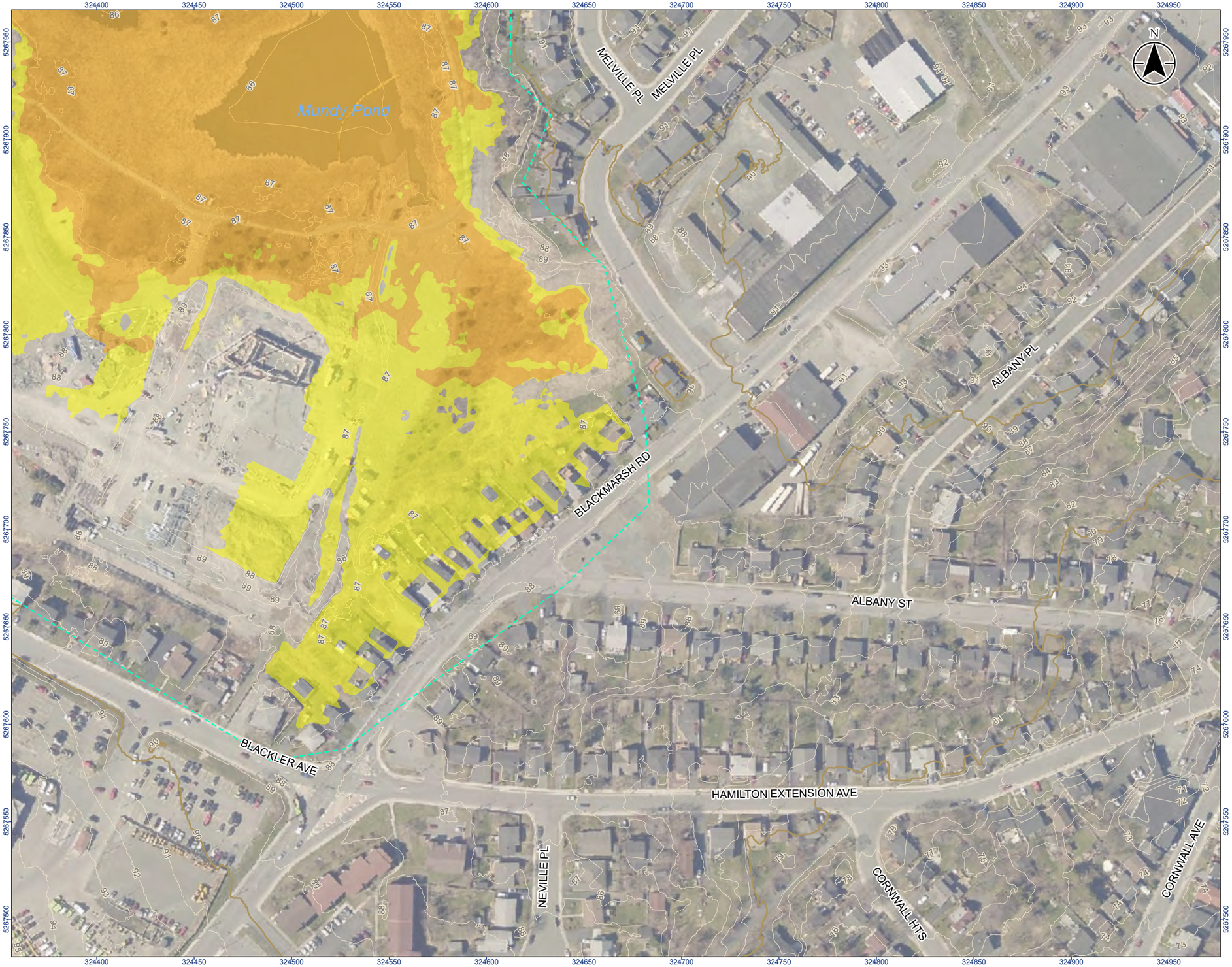
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-3

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 3 of 6

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Stantec

Legend

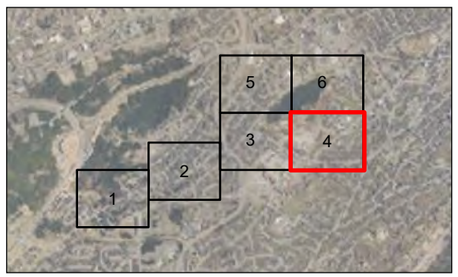
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

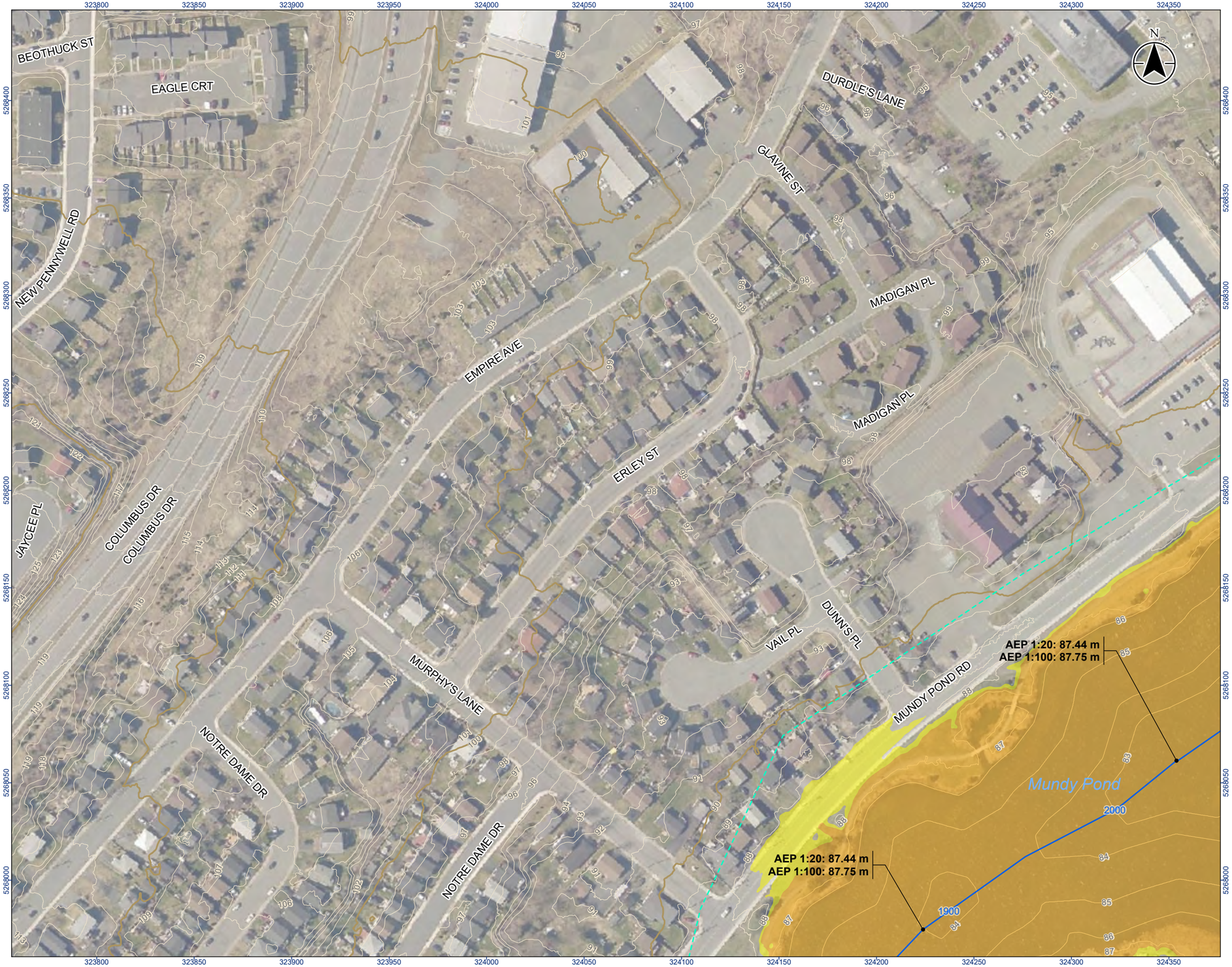
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-4

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 4 of 6

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FL_ClimateChange_MundyPond Revised on 5/26/2025 3:52 PM by kaitang



Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-06-02

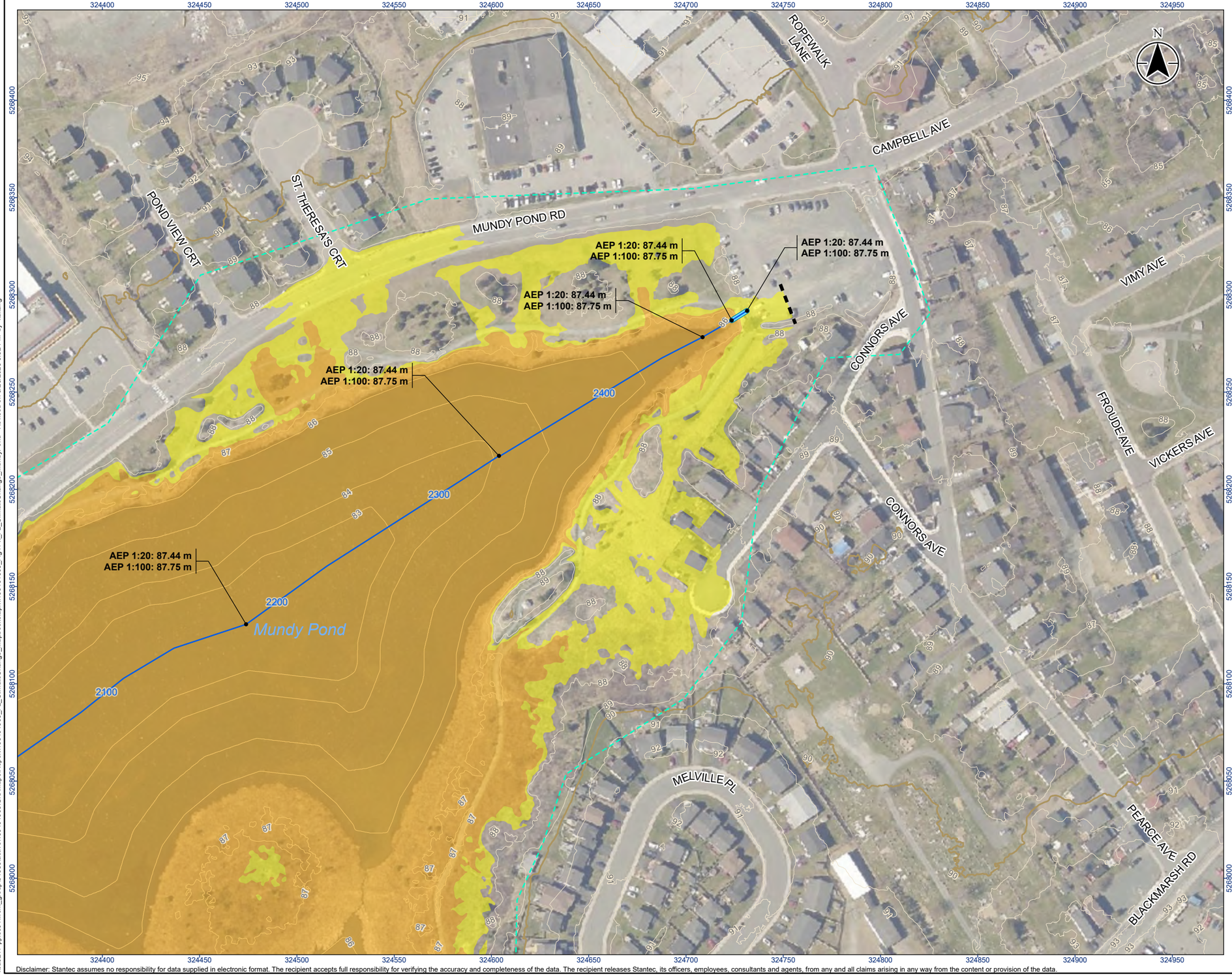
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-5

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 5 of 6

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Stantec

Legend

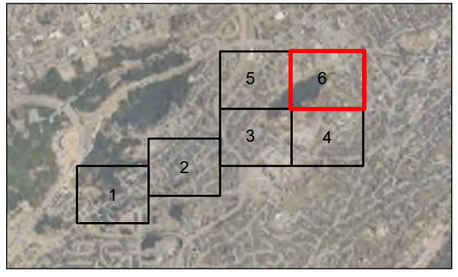
- River/Creek Centreline
- Modelled Hydraulic Structure
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-06-02

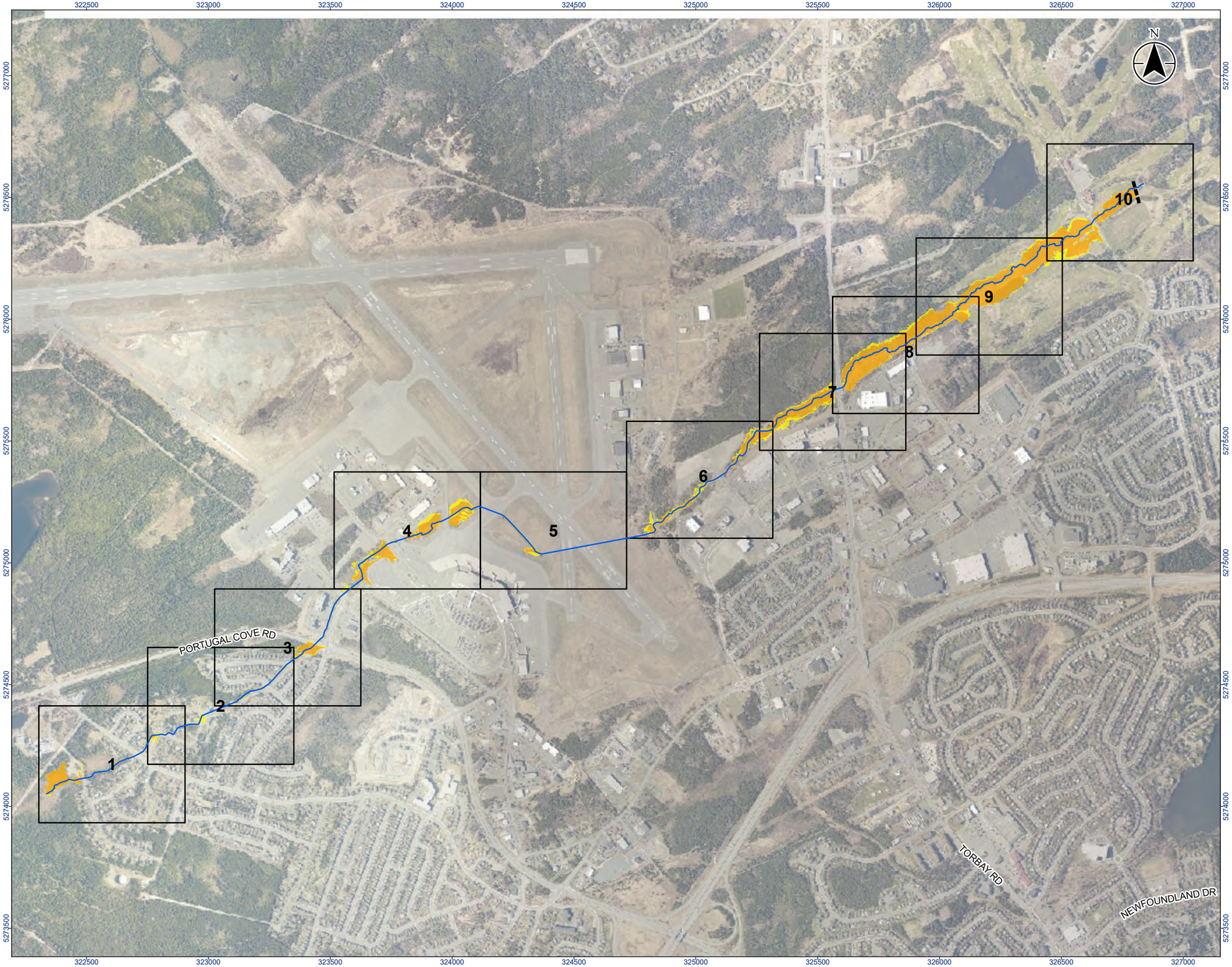
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
11-6

Title
Climate Change Condition
AEP Flood Zone - Mundy Pond Brook
Sheet 6 of 6

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 310 620 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2024-12-19

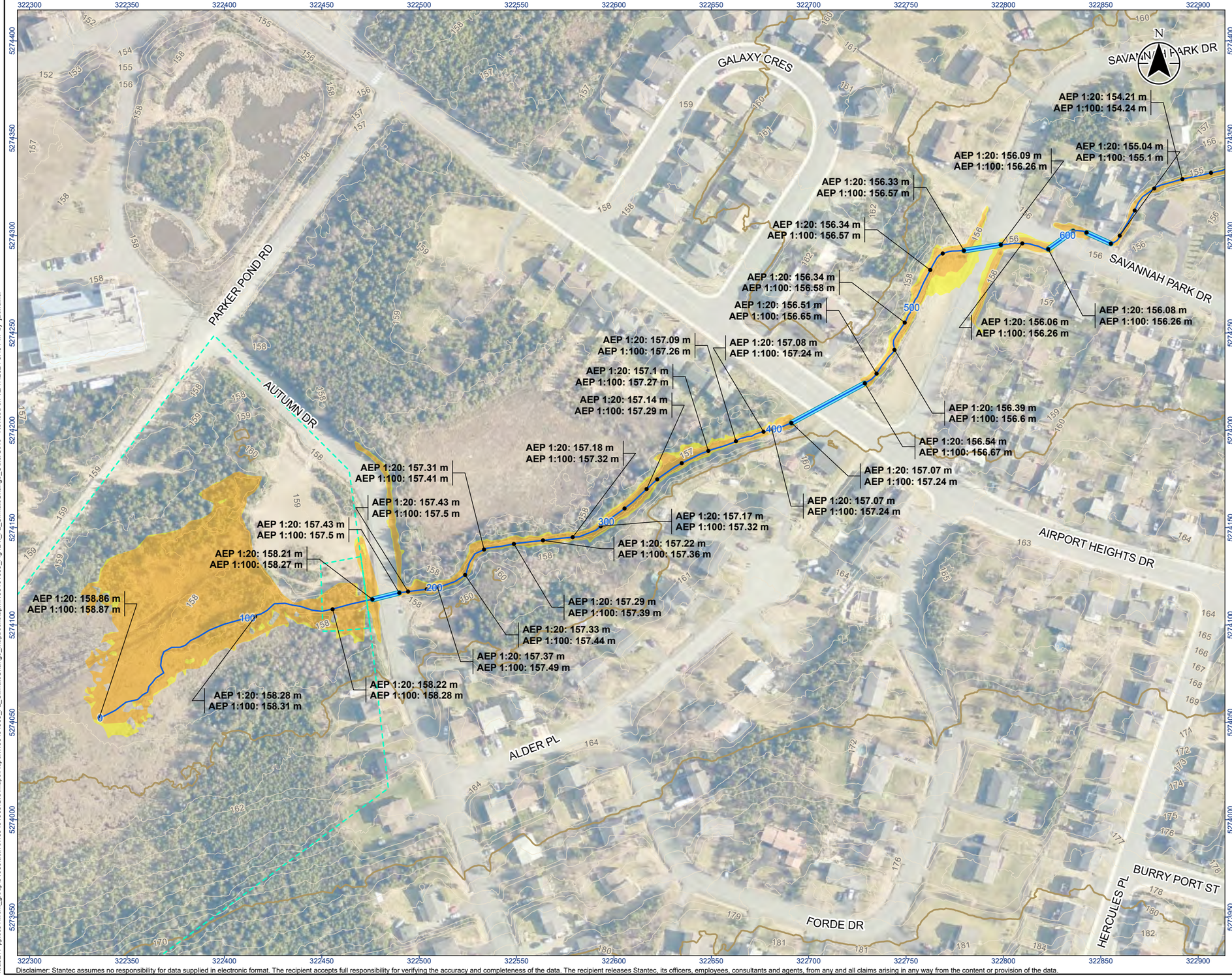
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-0

Title
Climate Change Condition AEP Flood Zone - Outer Cove Brook Overview Map

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Stantec

Legend

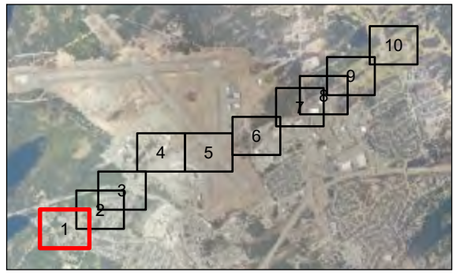
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

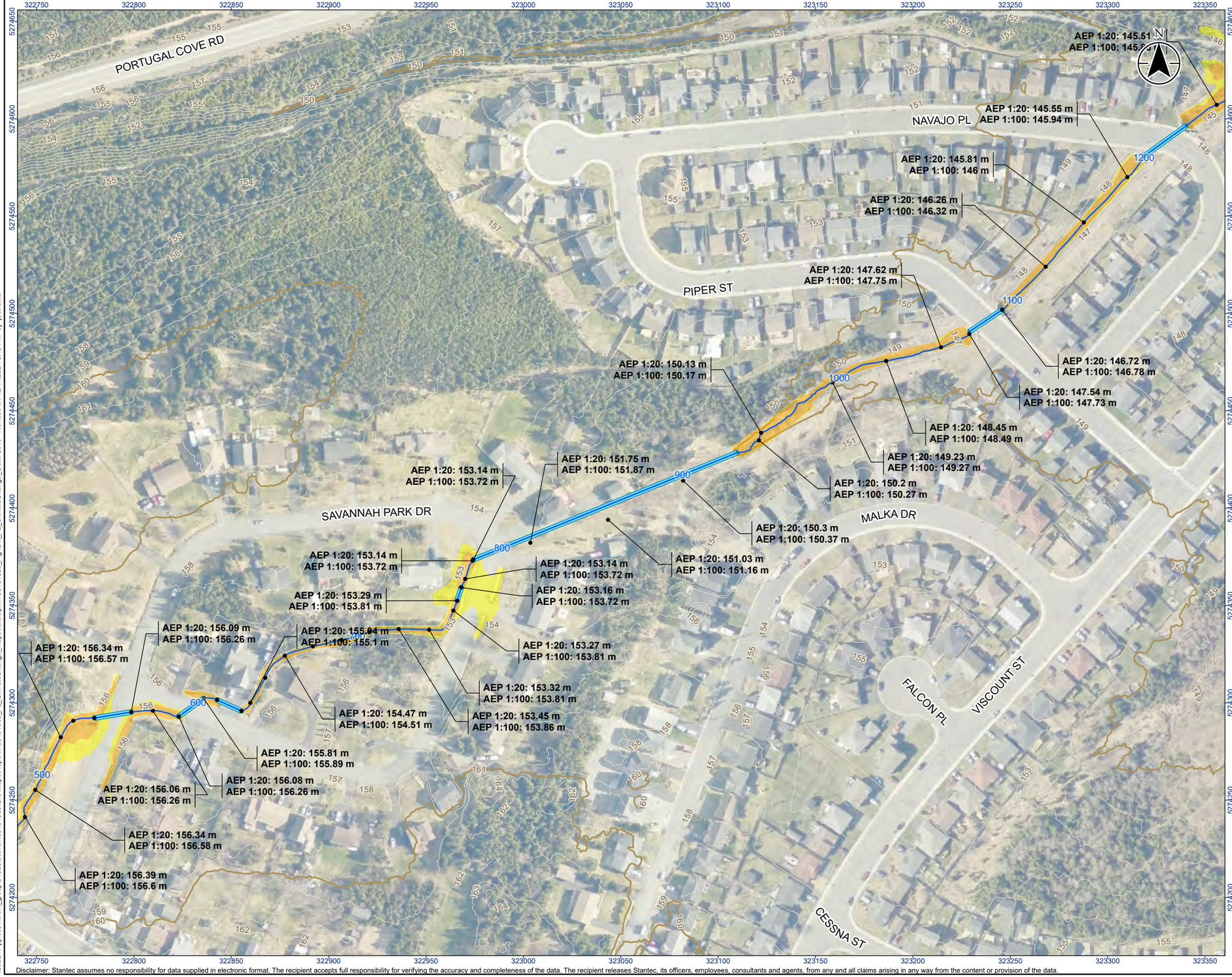
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
12-1

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 1 of 10

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Stantec

Legend

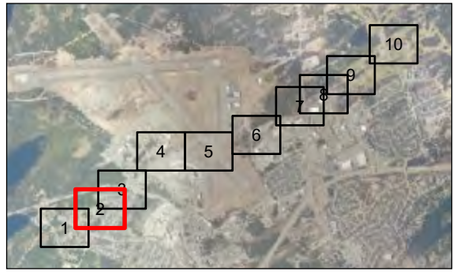
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

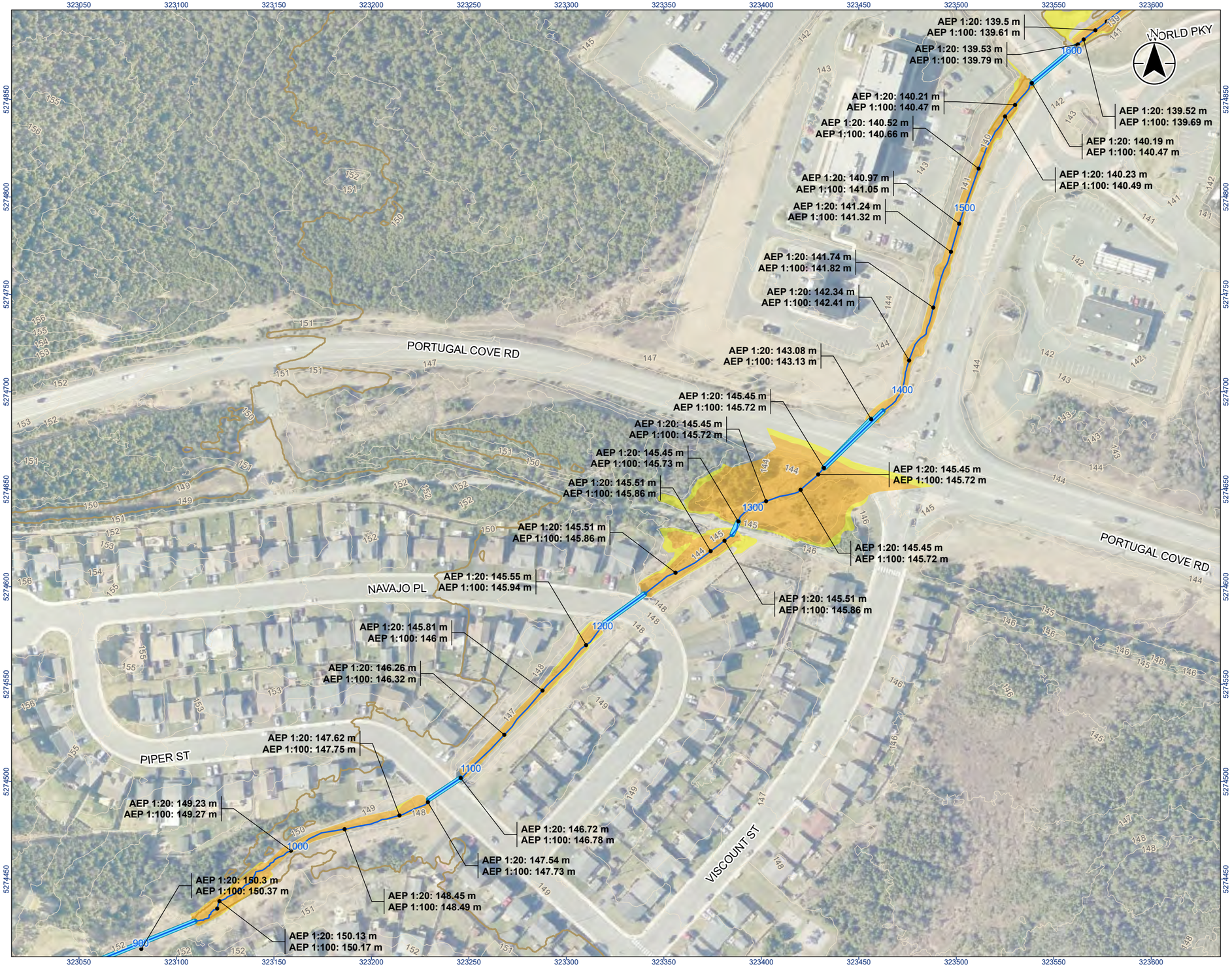
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-2

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 2 of 10

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Stantec

Legend

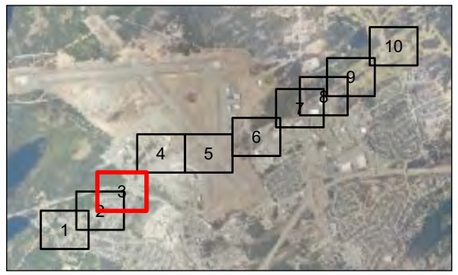
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

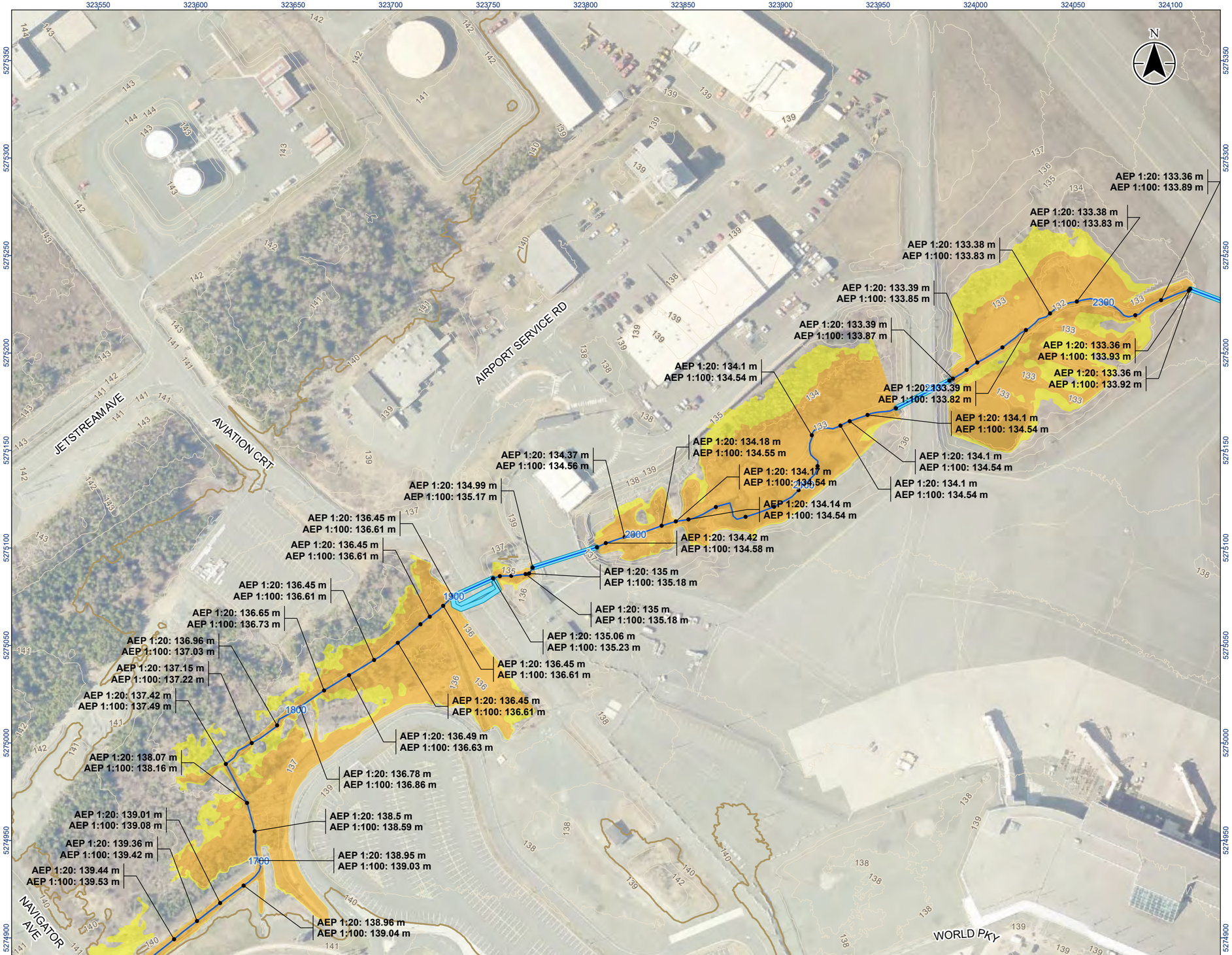
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-3

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 3 of 10

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Legend

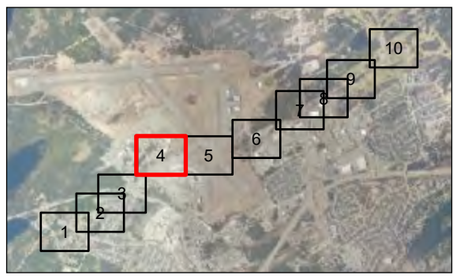
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-19

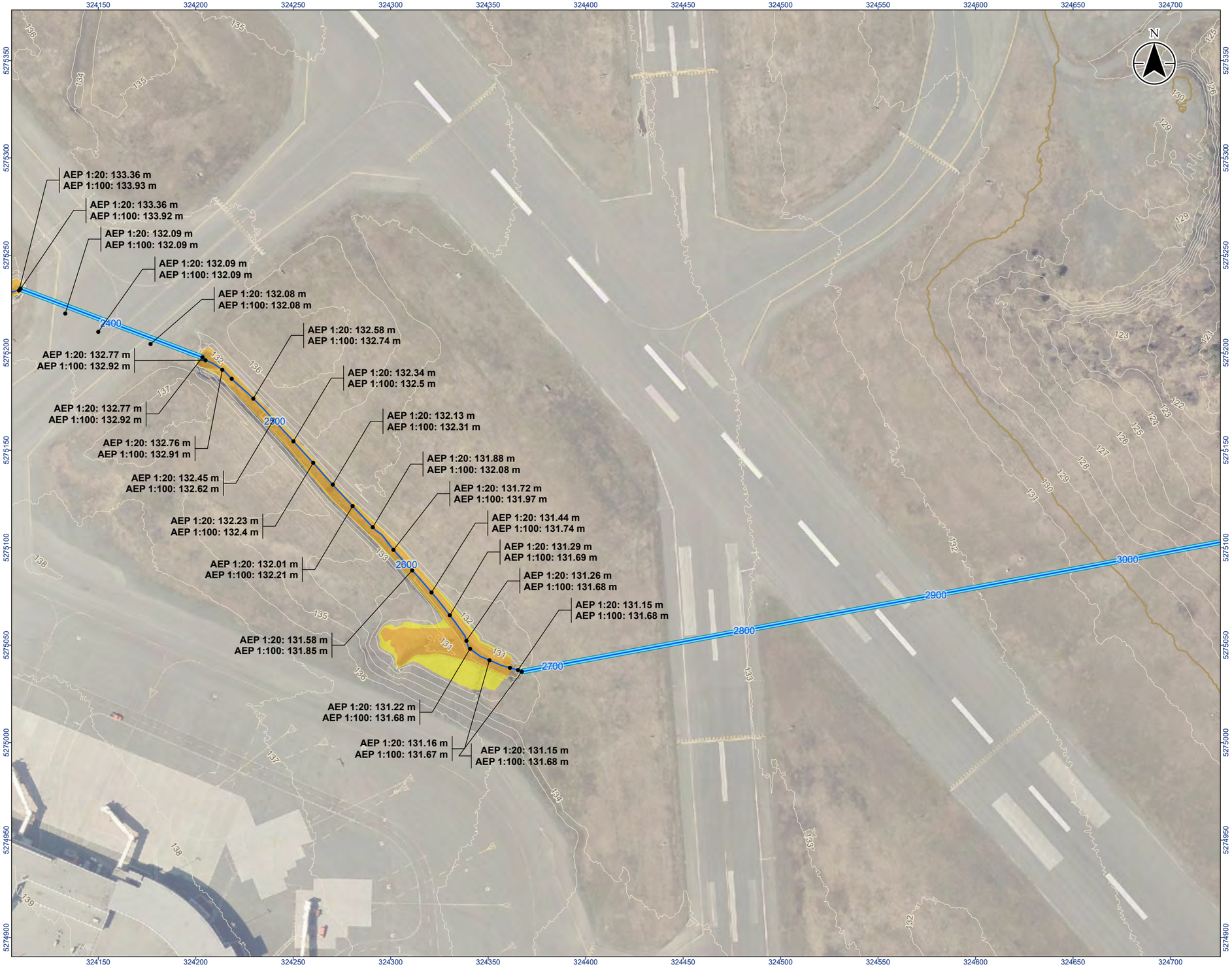
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-4

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 4 of 10

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Legend

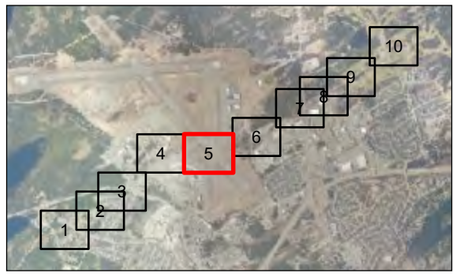
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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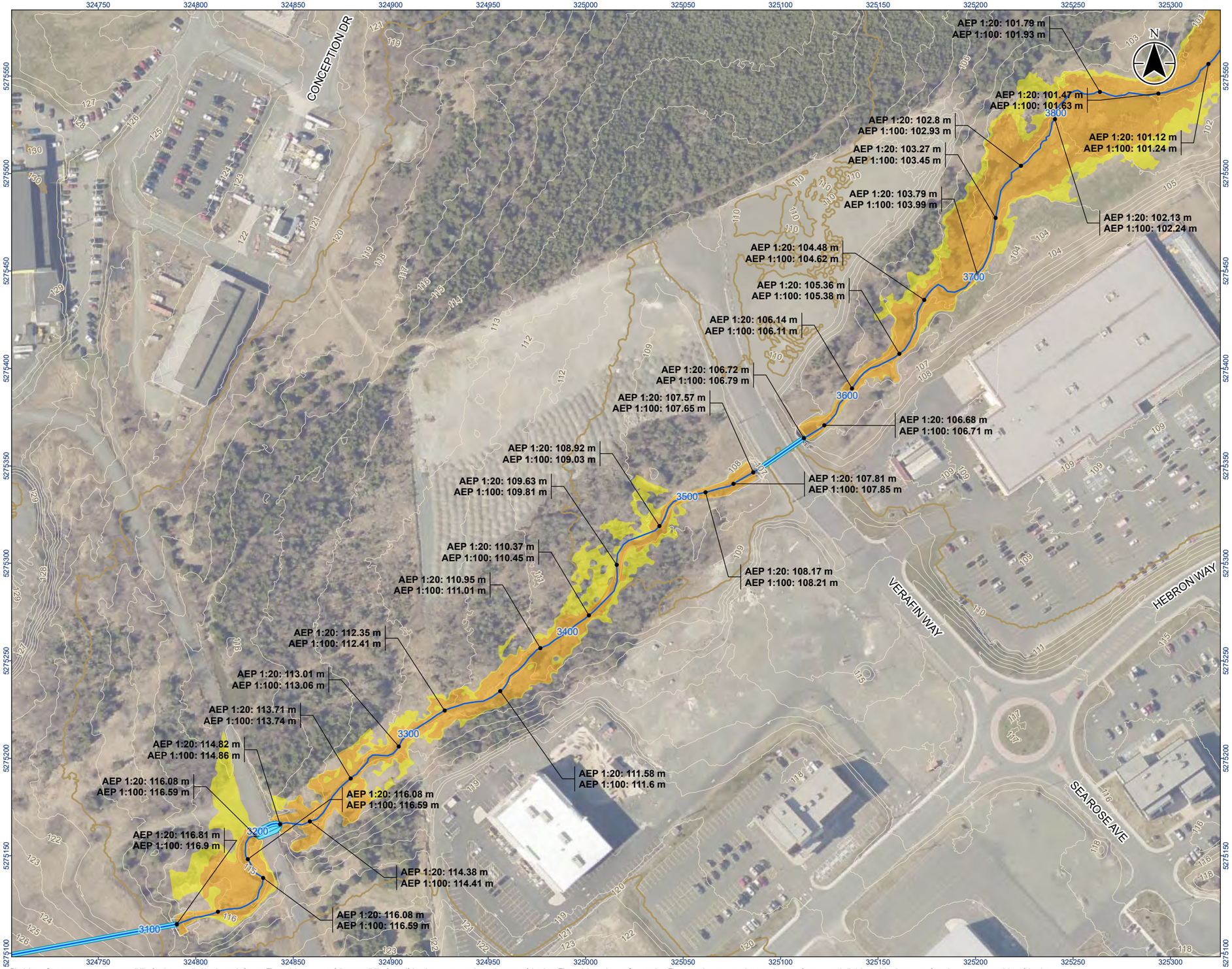
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-5

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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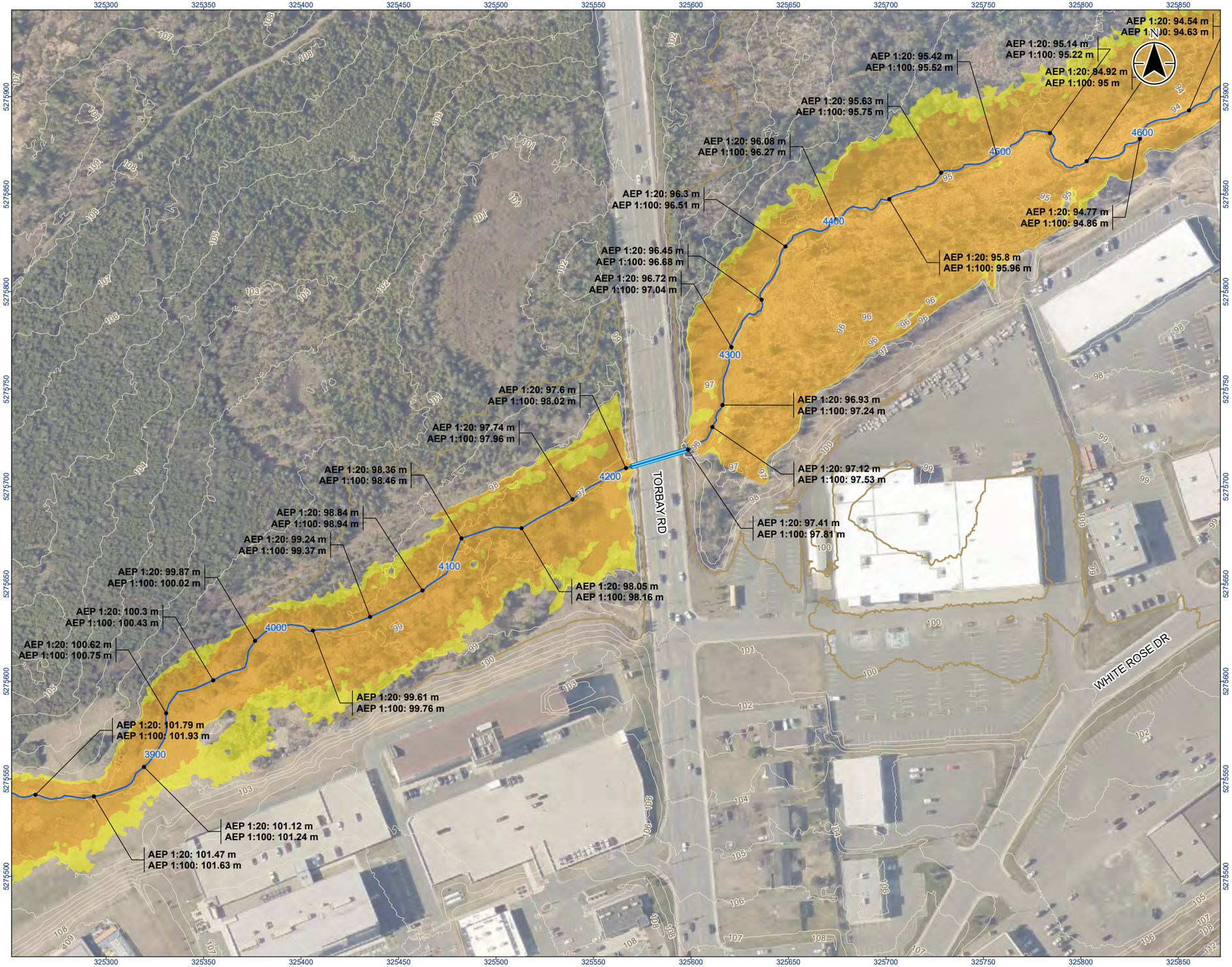
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-6

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 6 of 10

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Legend

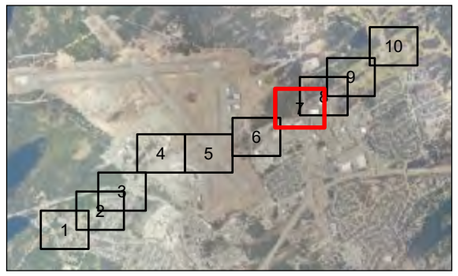
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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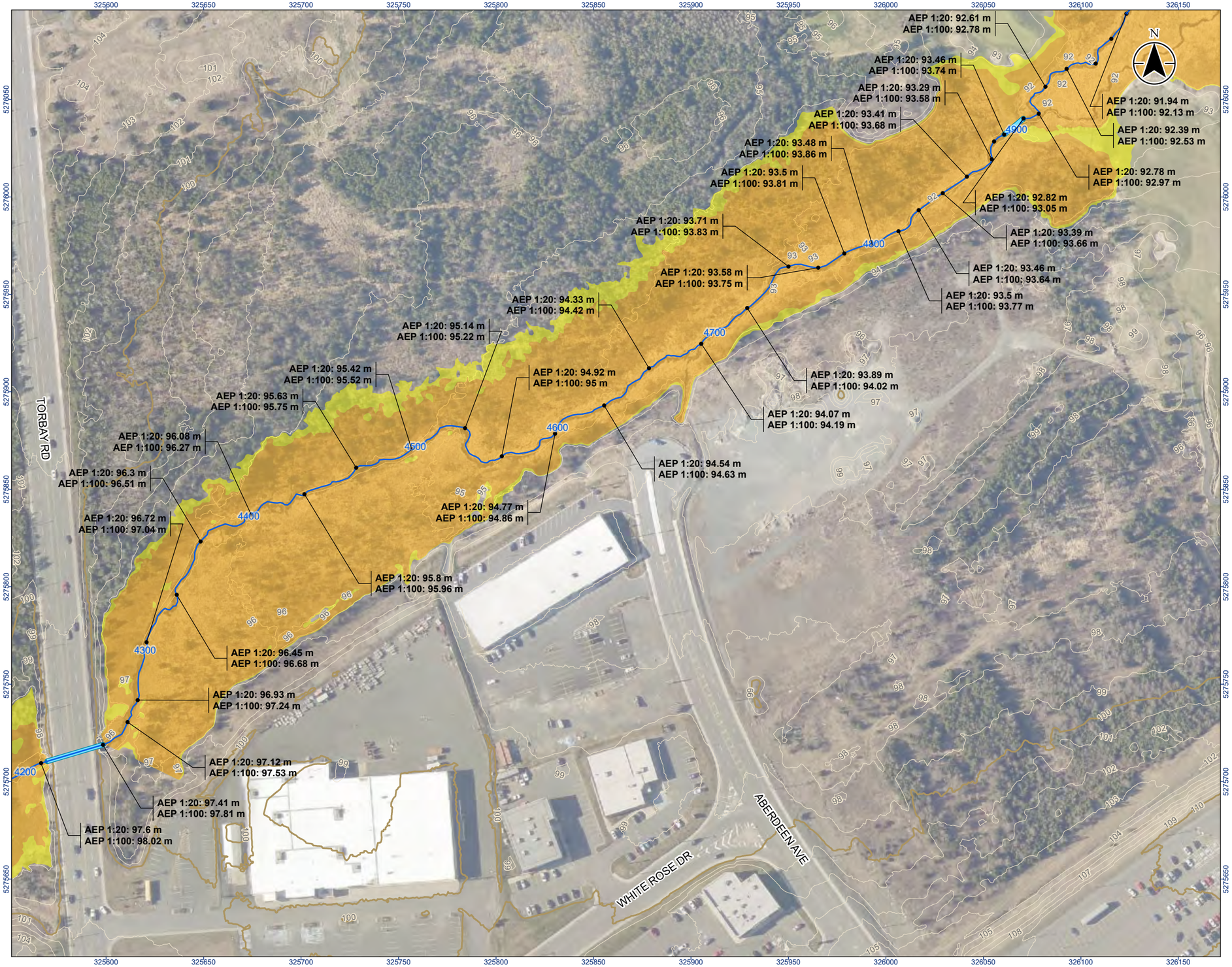
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-7

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 7 of 10

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Legend

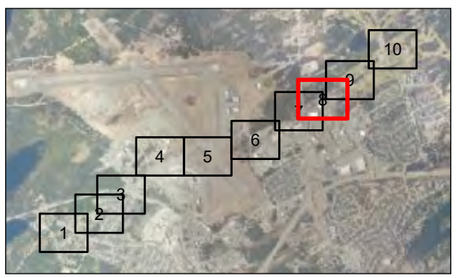
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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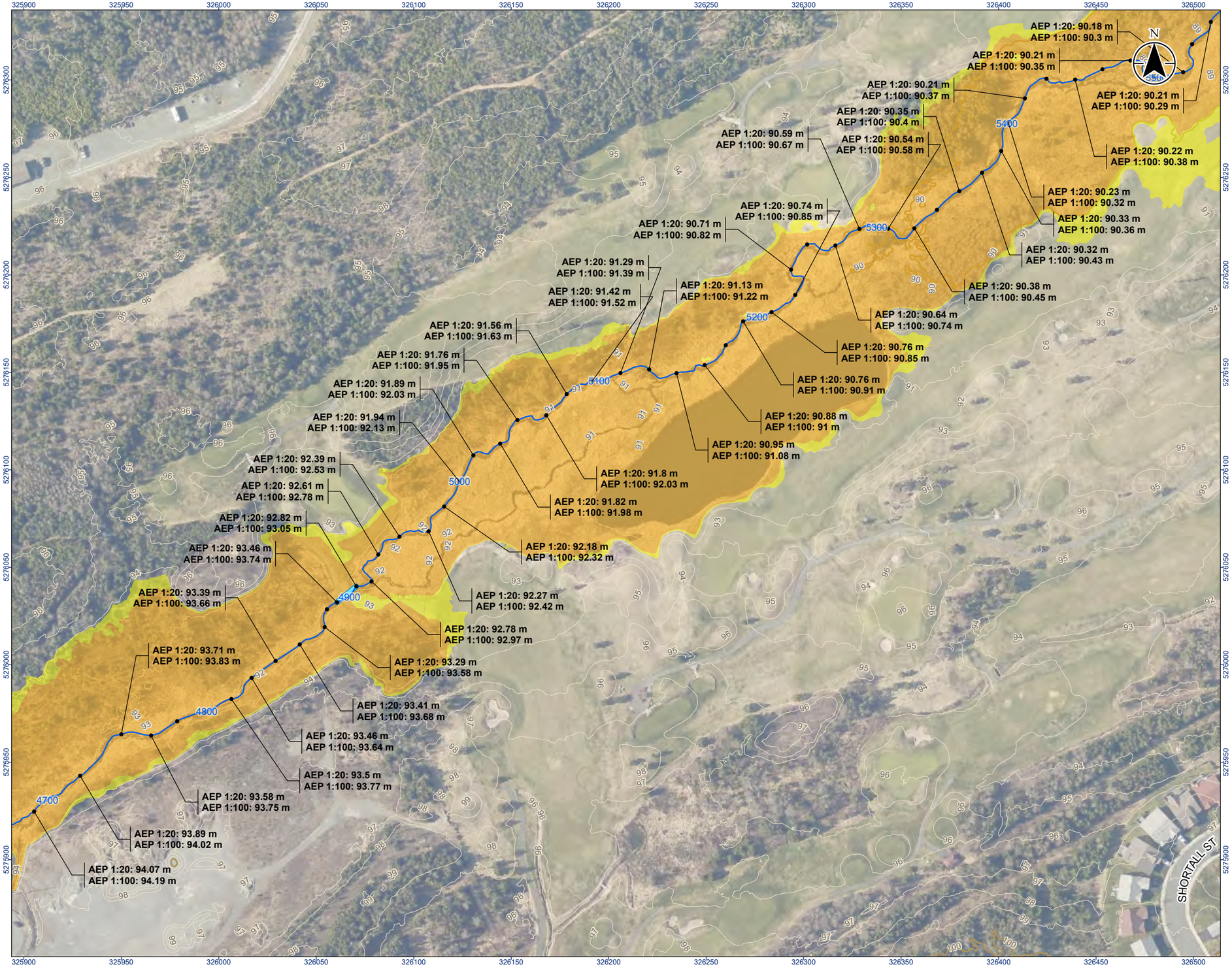
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-8

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 8 of 10

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Legend

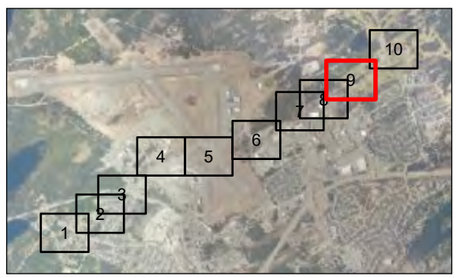
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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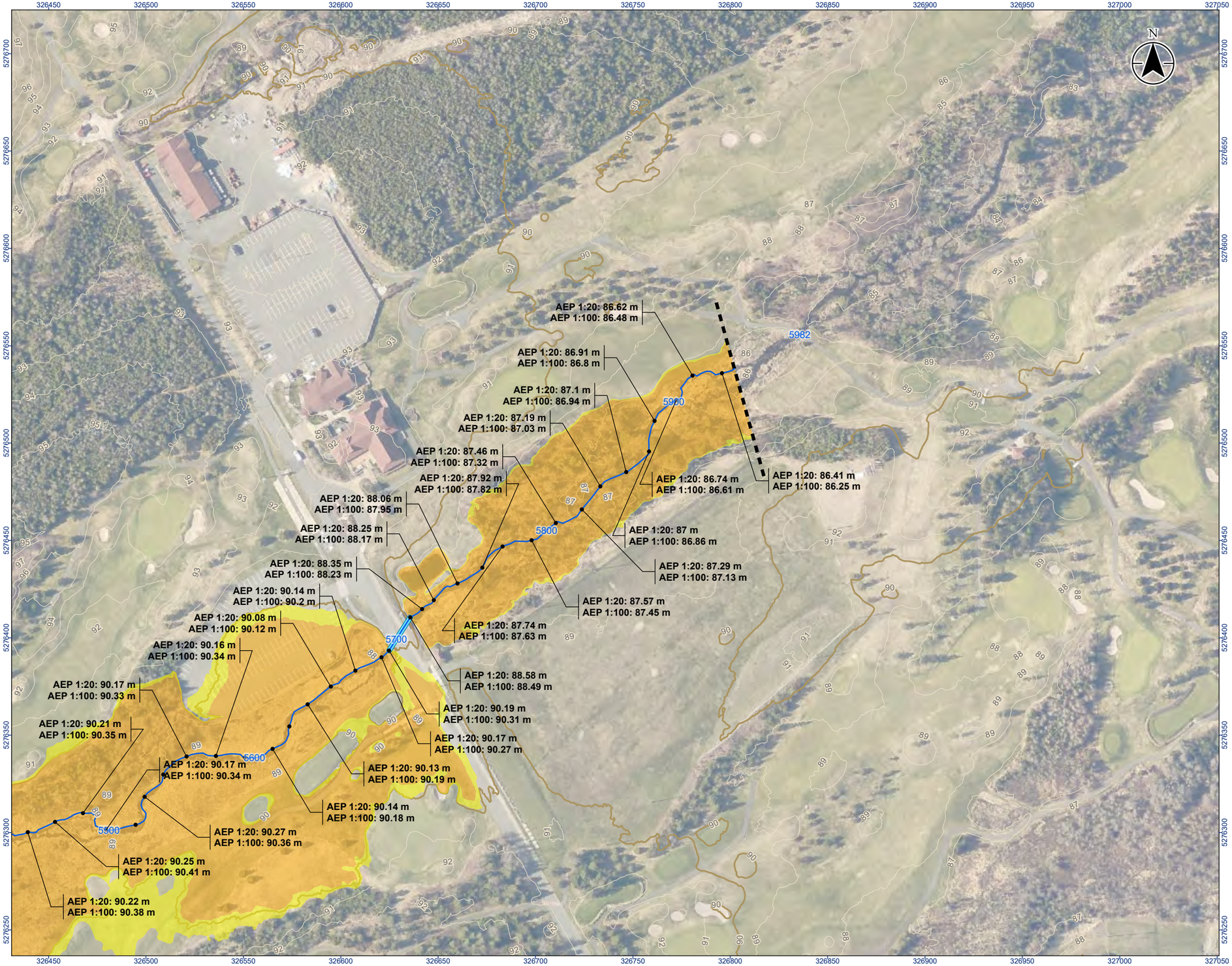
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-9

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 9 of 10

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Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
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163401903 REVA
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
12-10

Title
Climate Change Condition
AEP Flood Zone - Outer Cove Brook
Sheet 10 of 10

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5262400 5262200 5262000 5261800 5261600 5261400 5261200

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1 2 3

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Legend

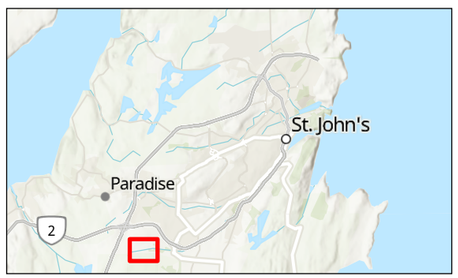
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 110 220 m

1:6,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

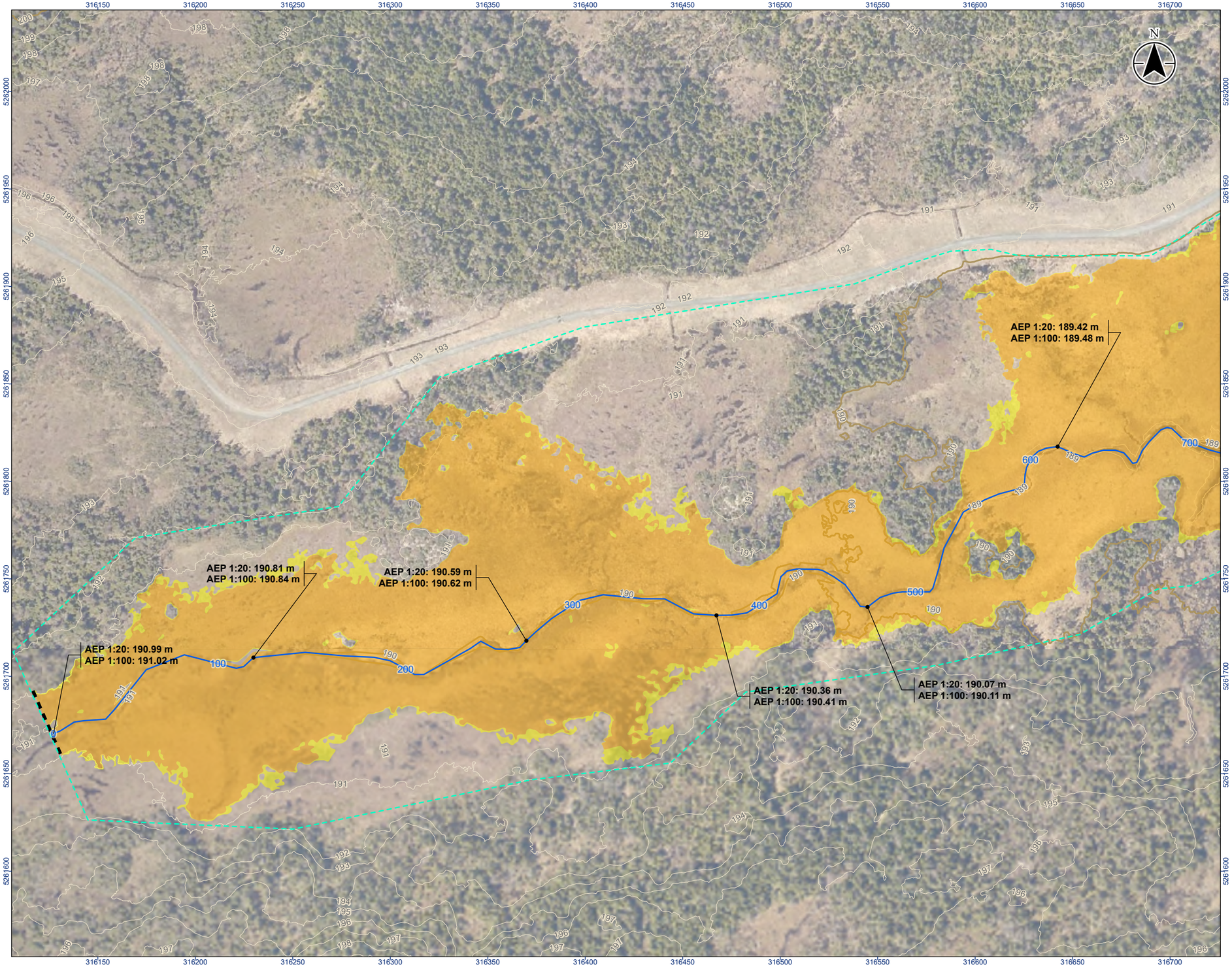
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
13-0

Title
Climate Change Condition AEP Flood Zone - South Brook Overview Map

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Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

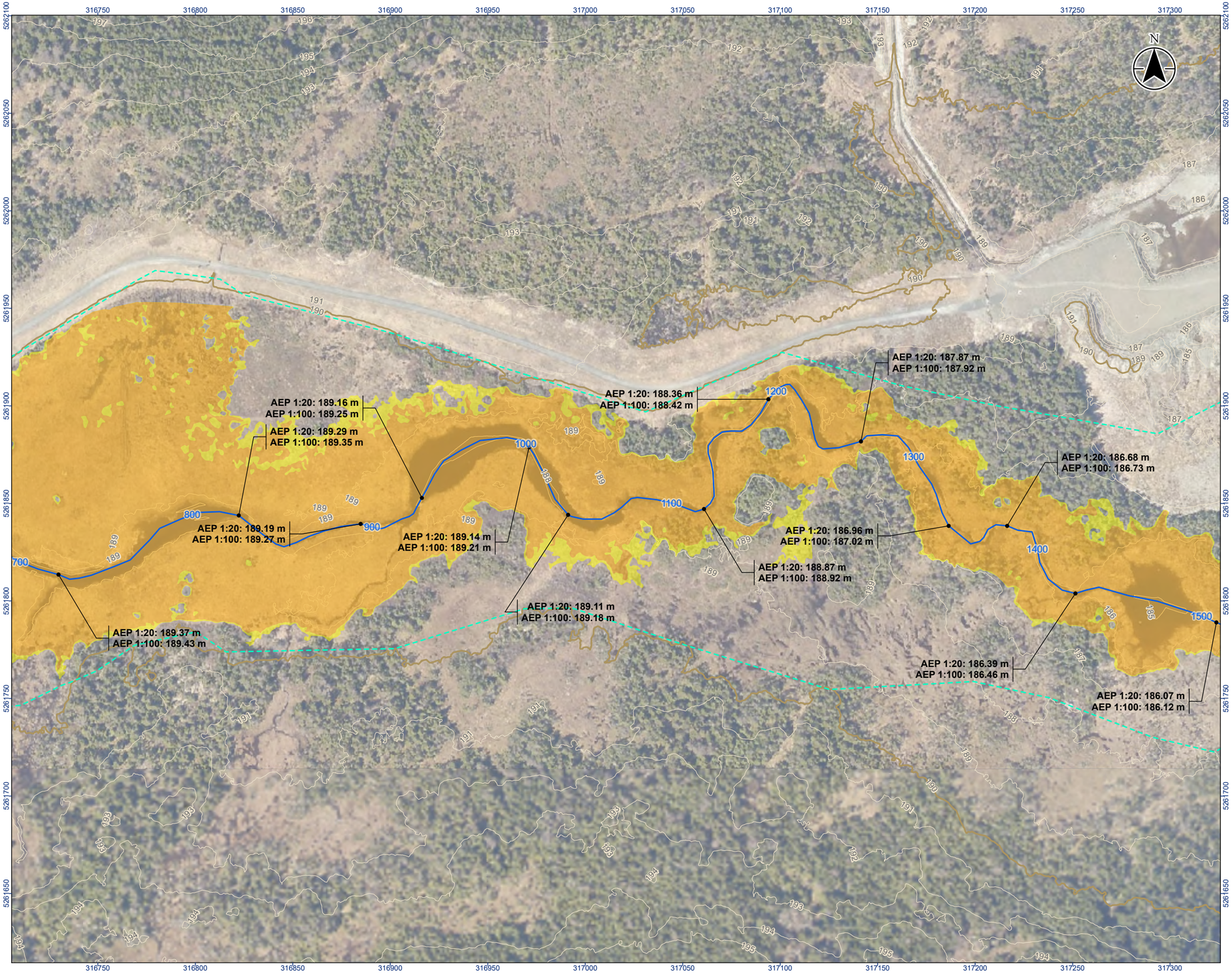
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
13-1

Title
Climate Change Condition
AEP Flood Zone - South Brook
Sheet 1 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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Prepared by kaitang on 2025-04-01

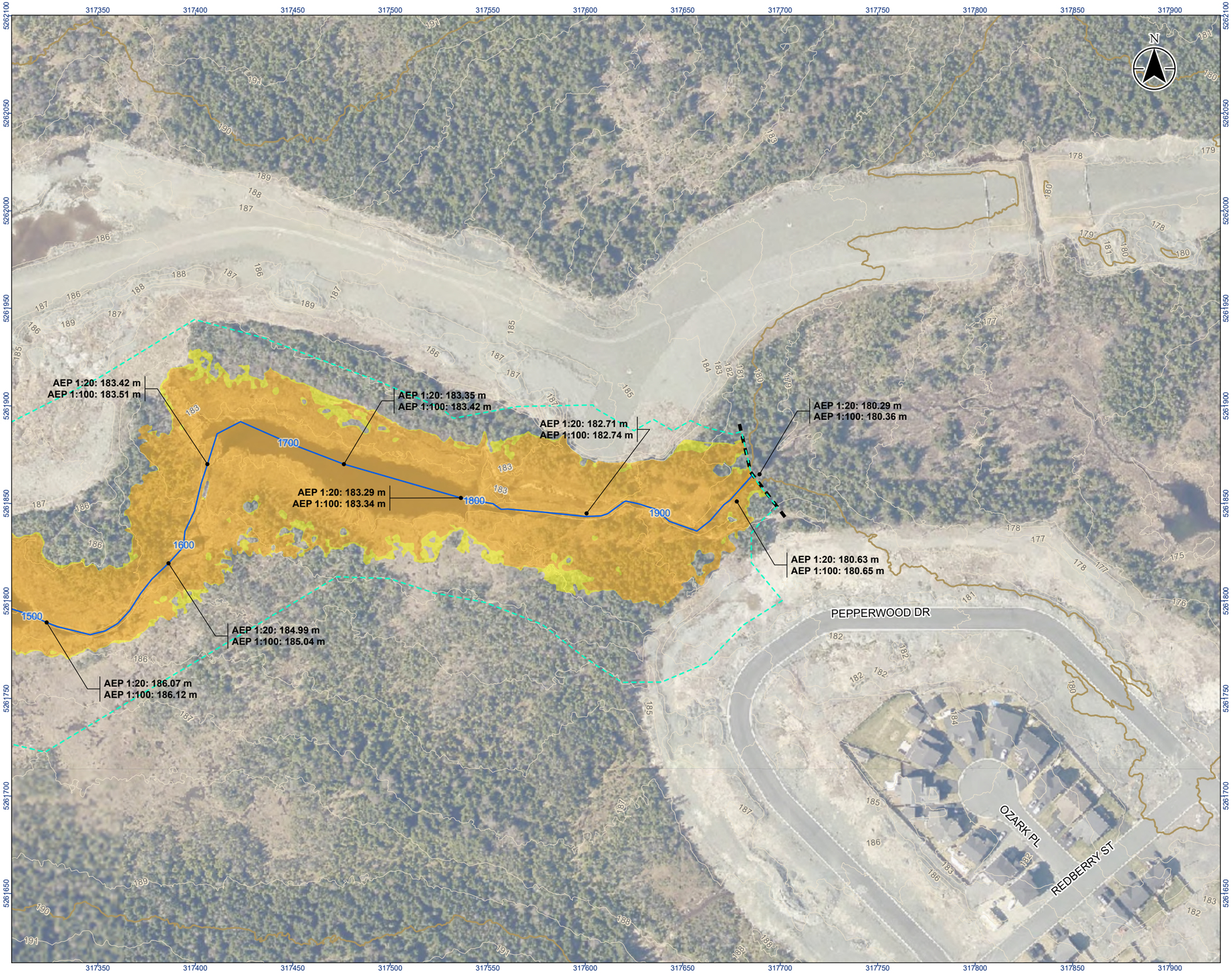
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
13-2

Title
Climate Change Condition
AEP Flood Zone - South Brook
Sheet 2 of 3

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Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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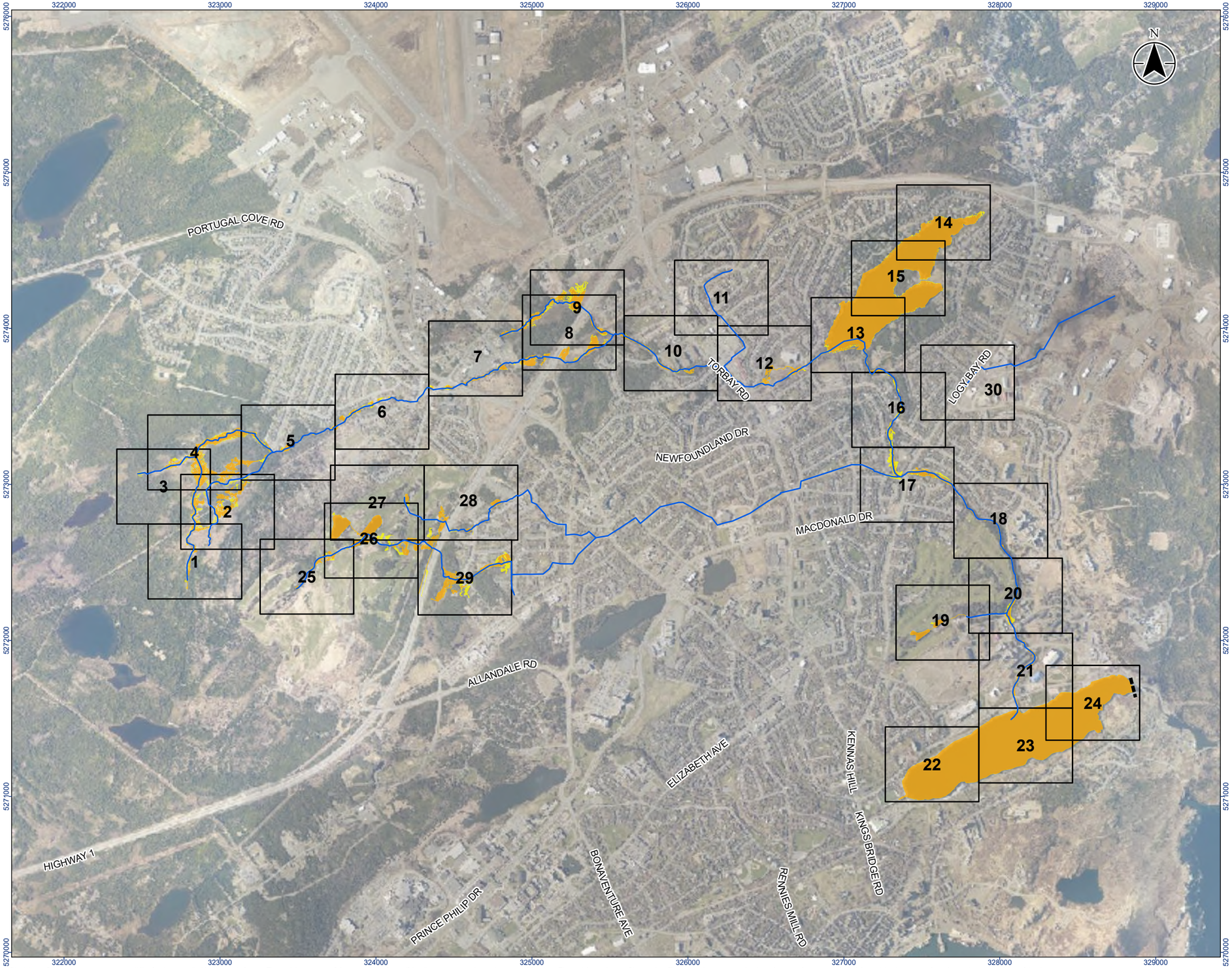
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
13-3

Title
Climate Change Condition
AEP Flood Zone - South Brook
Sheet 3 of 3

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Revised on 3/28/2025 2:08 PM by kaitang



Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20-Year Flood Zone
- 100-Year Flood Zone

0 490 980 m

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Notes

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Project Location
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163401903 REVA
Prepared by kebuchanan on 2024-12-19

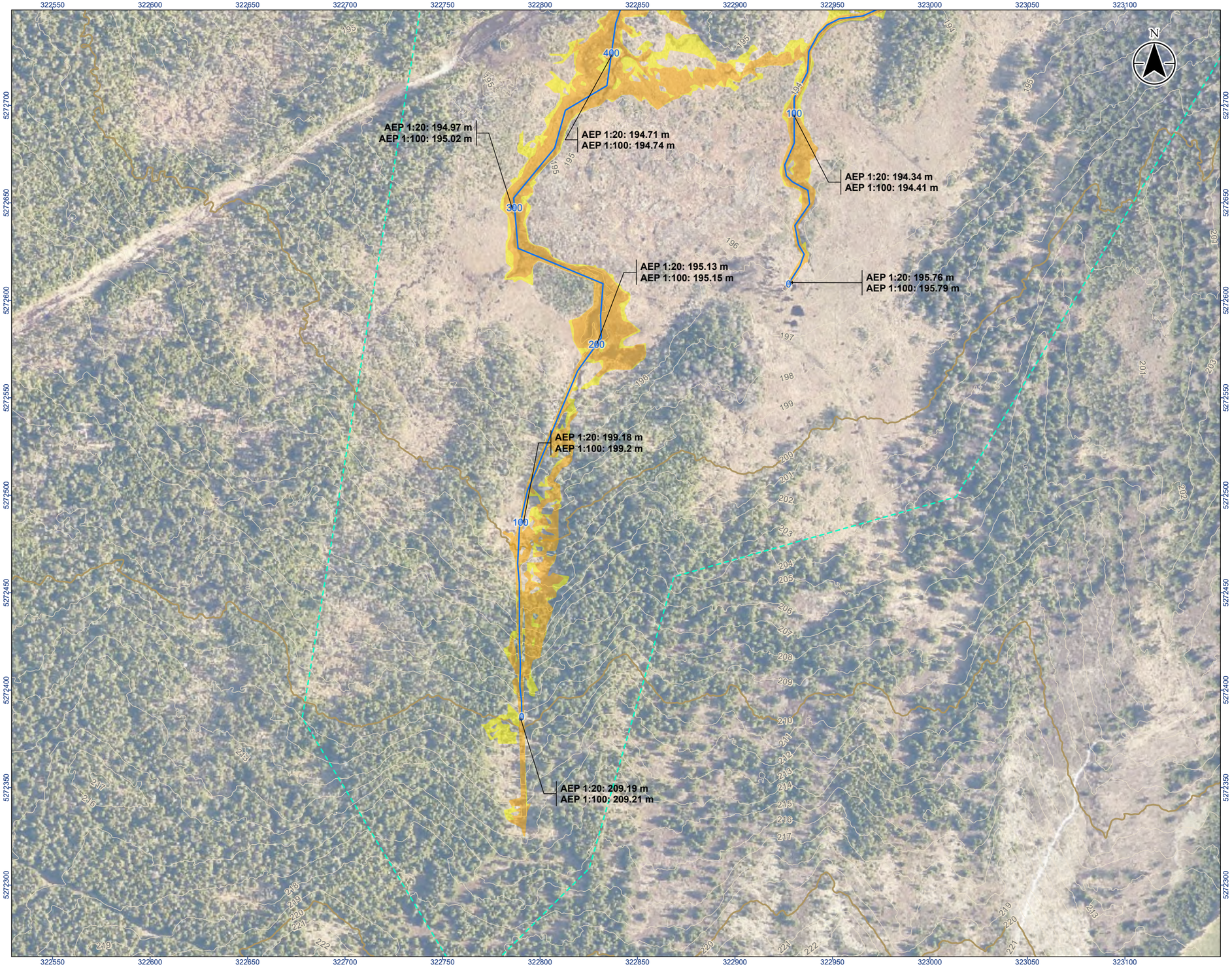
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-0

Title
Climate Change Condition AEP Flood Zone - Virginia River Overview Map

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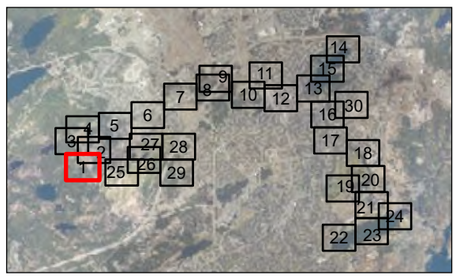
Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

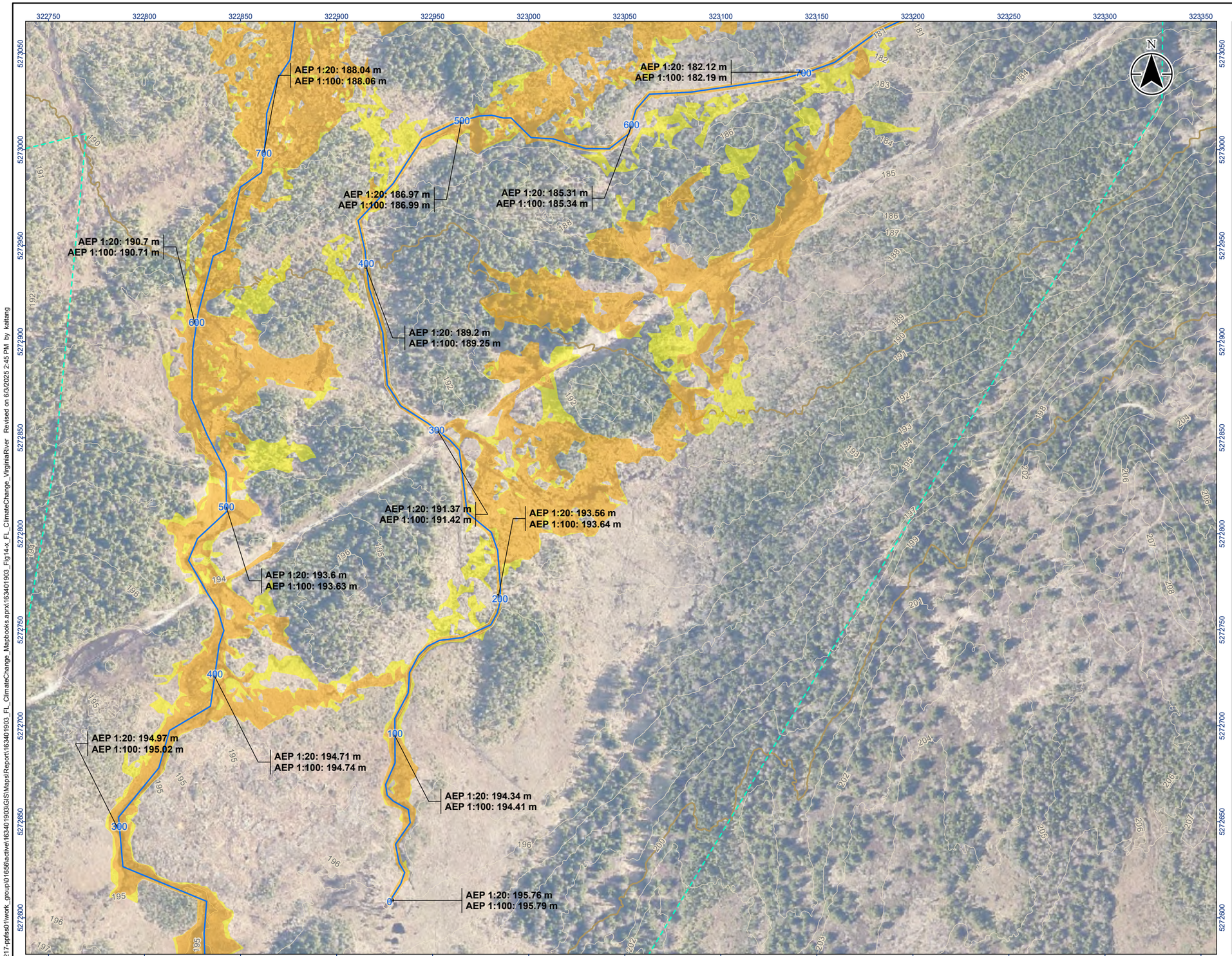
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-1

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 1 of 30

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FL_ClimateChange_VirginiaRiver Revised on 6/3/2025 2:45 PM by kaitang



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Legend

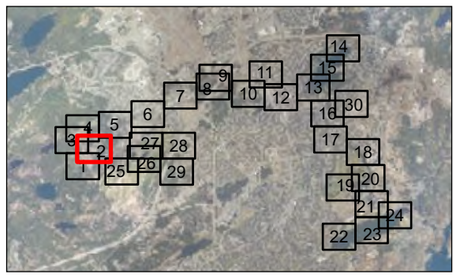
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-03

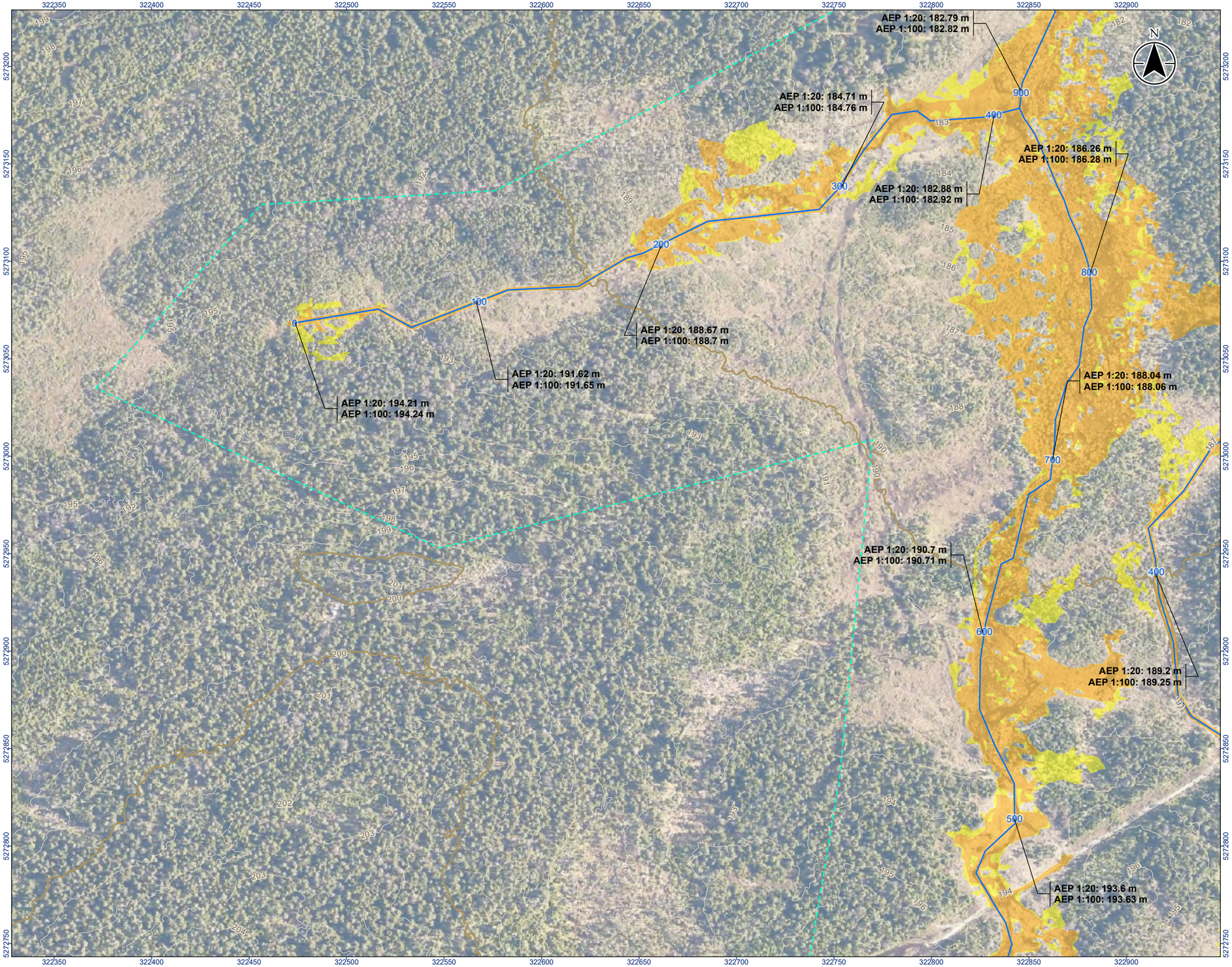
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-2

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 2 of 30

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Legend

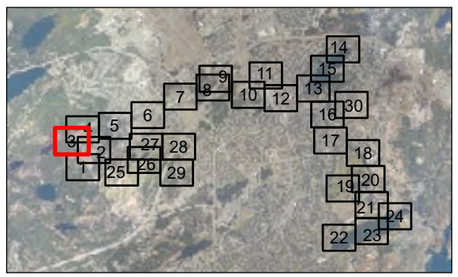
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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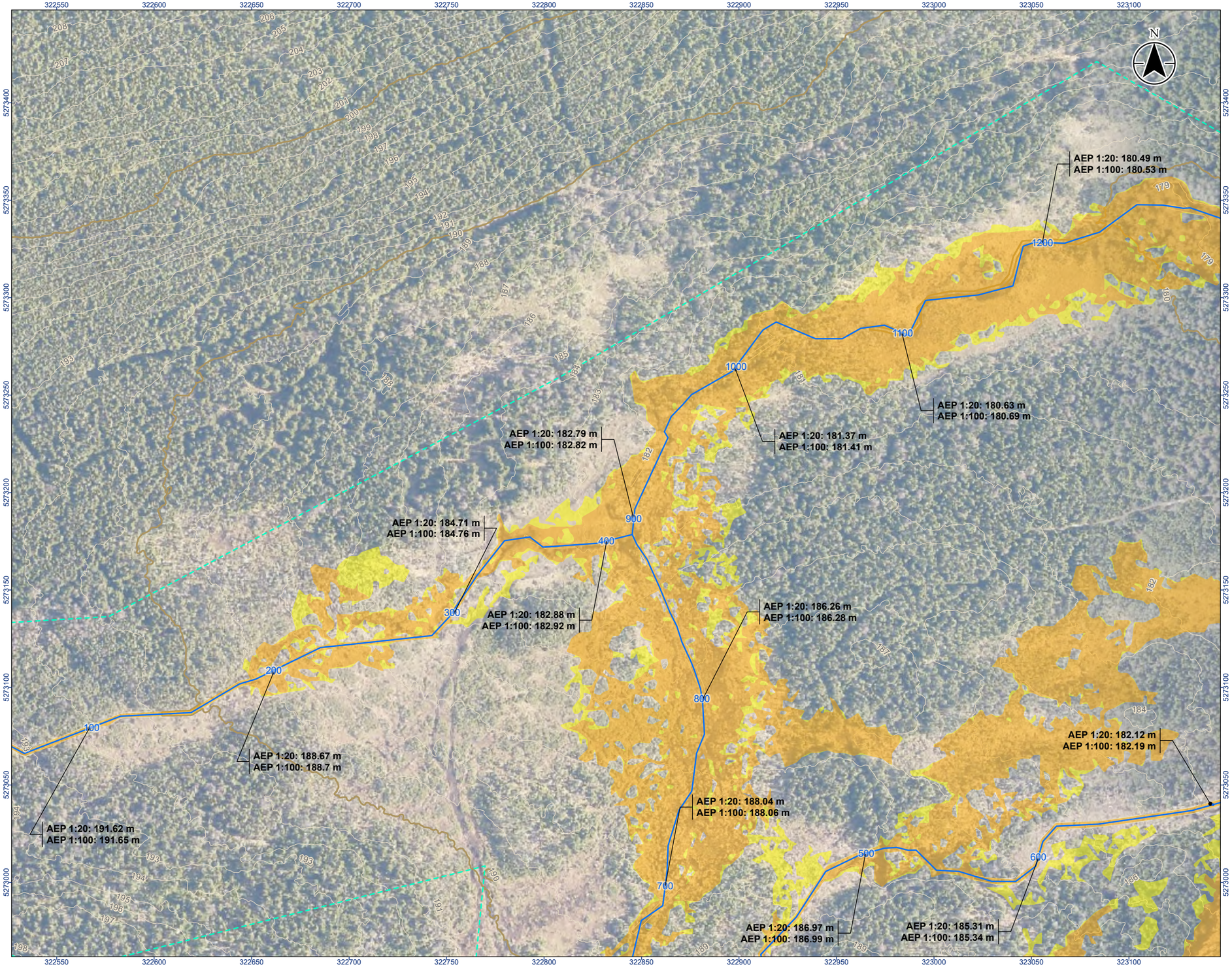
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-3

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 3 of 30

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Legend

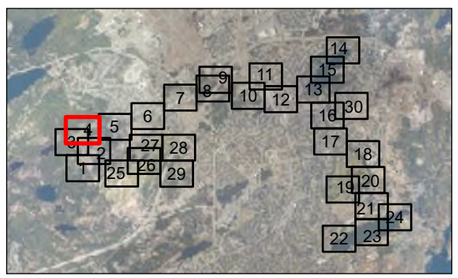
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-4

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 4 of 30

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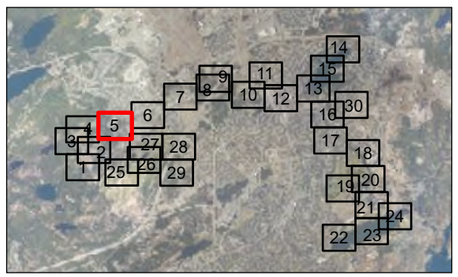
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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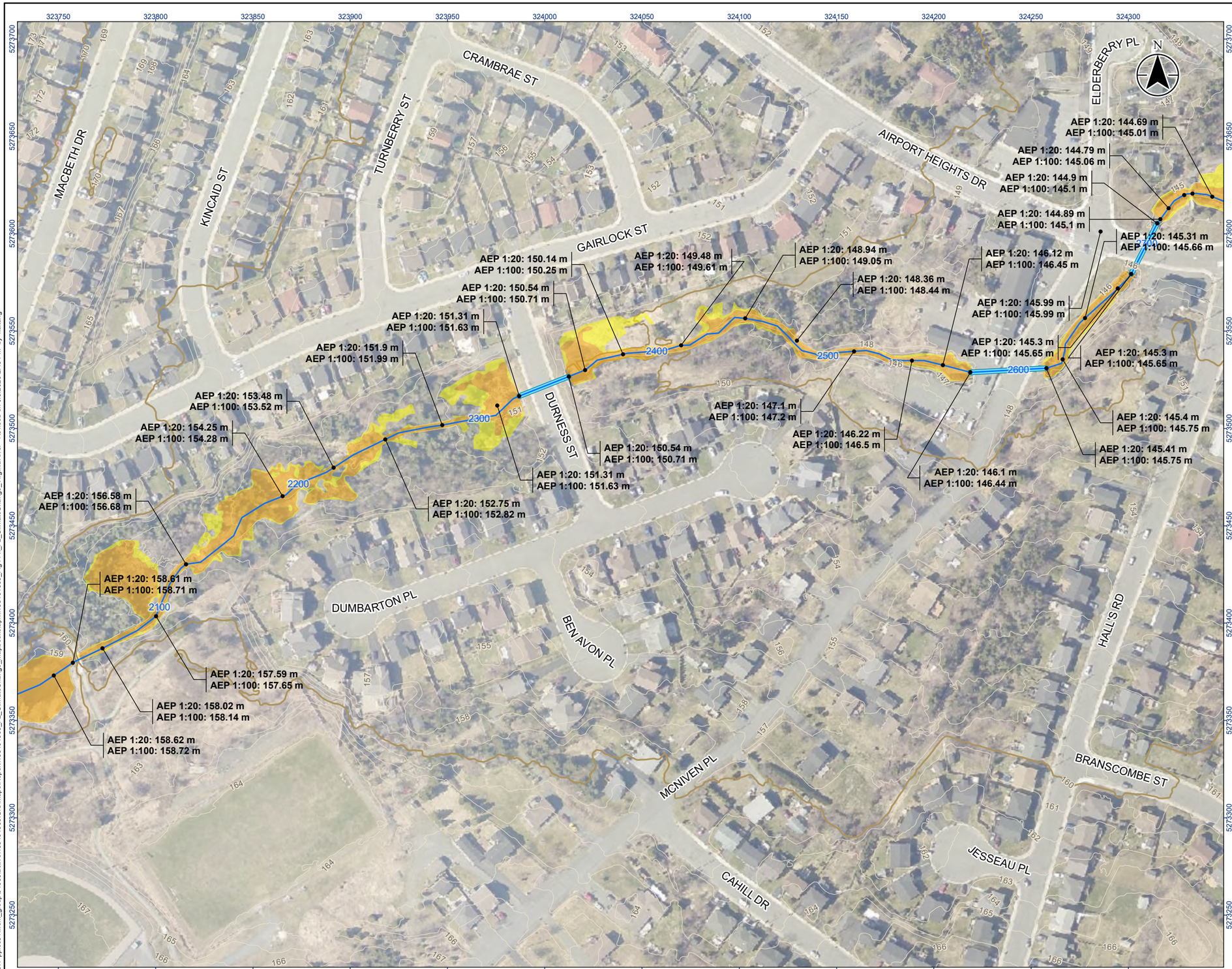
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-5

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 5 of 30

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FL_ClimateChange_VirginiaRiver Revised on 6/3/2025 2:45 PM by kaitang



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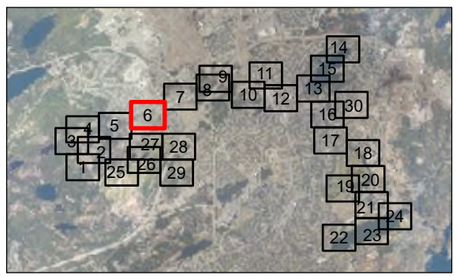
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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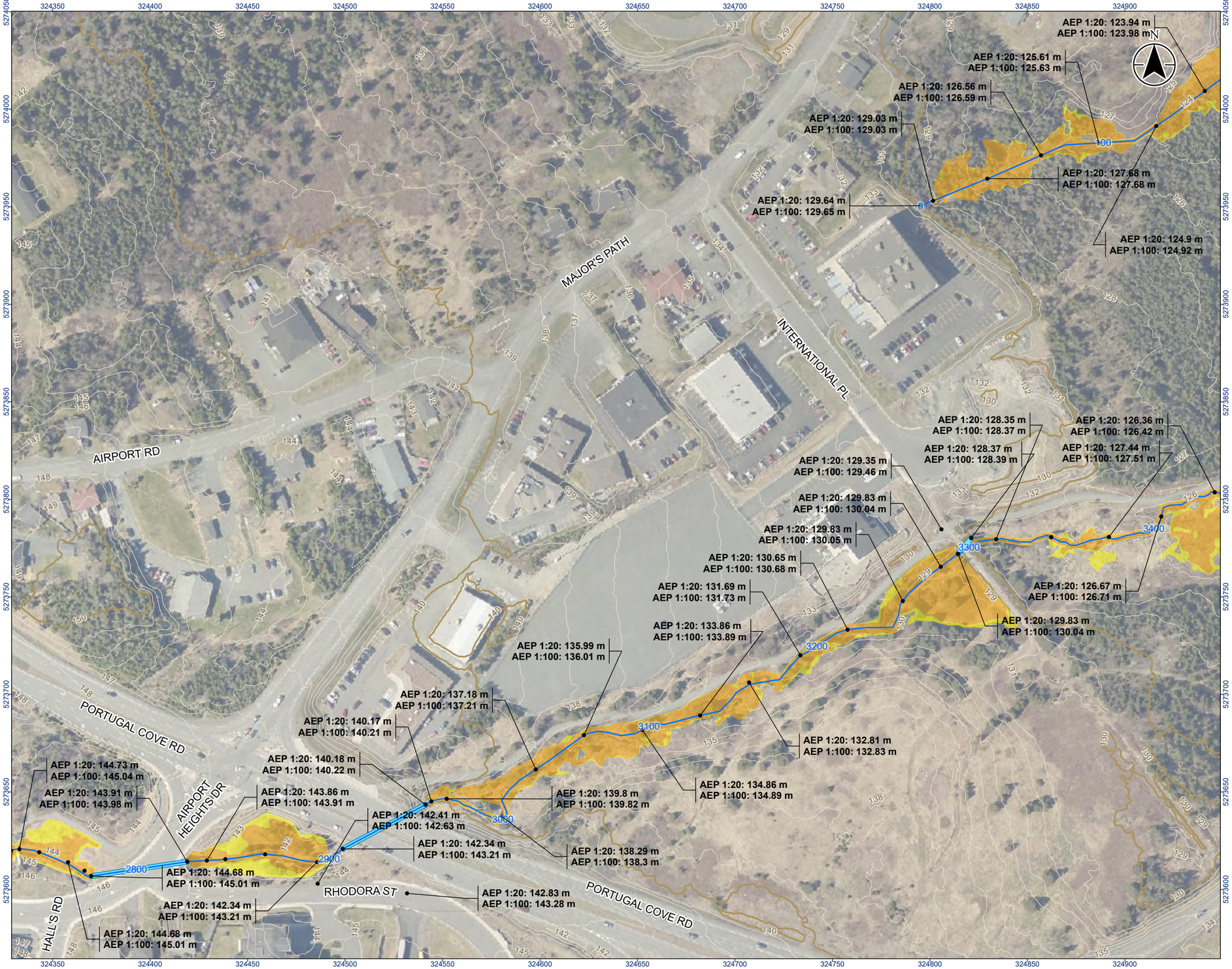
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-6

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 6 of 30

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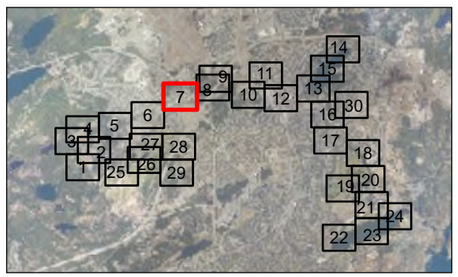
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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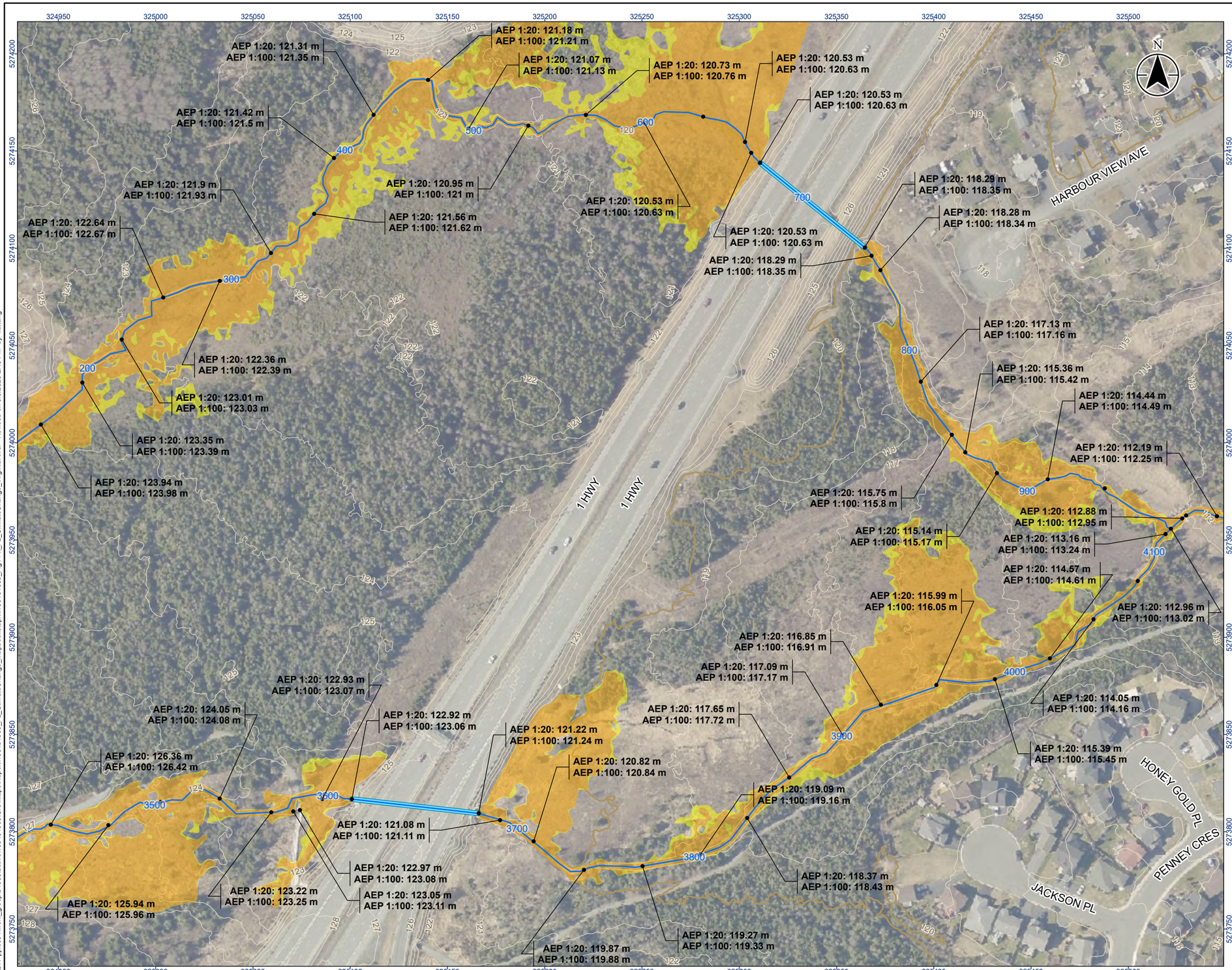
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-7

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 7 of 30

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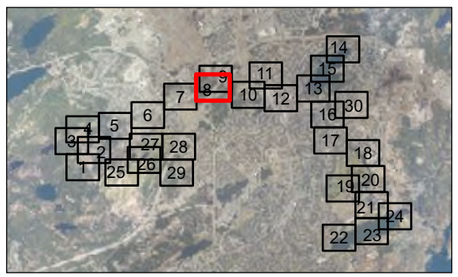
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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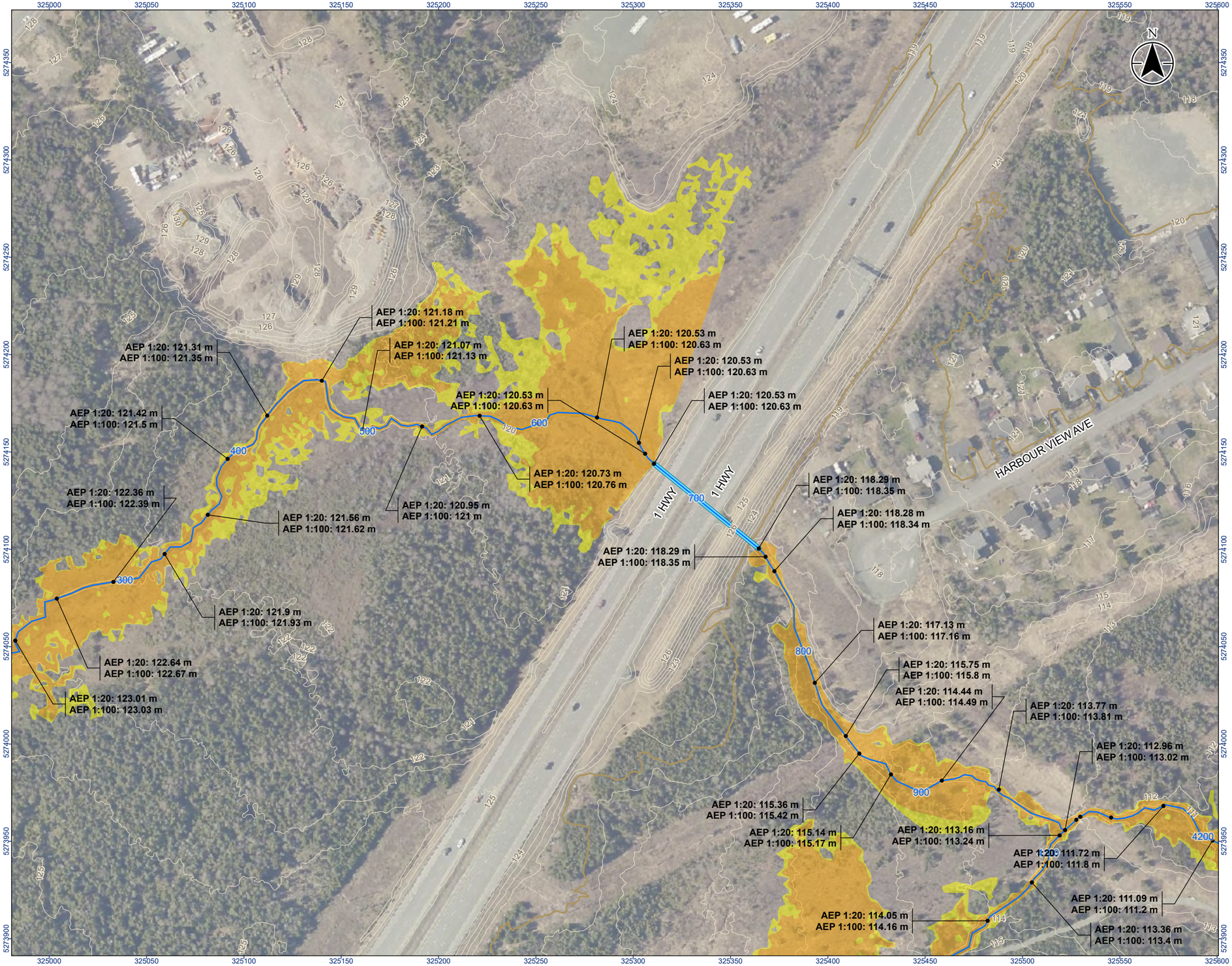
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-8

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 8 of 30

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Legend

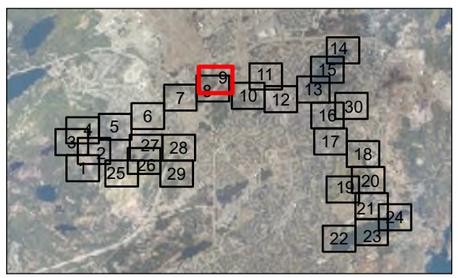
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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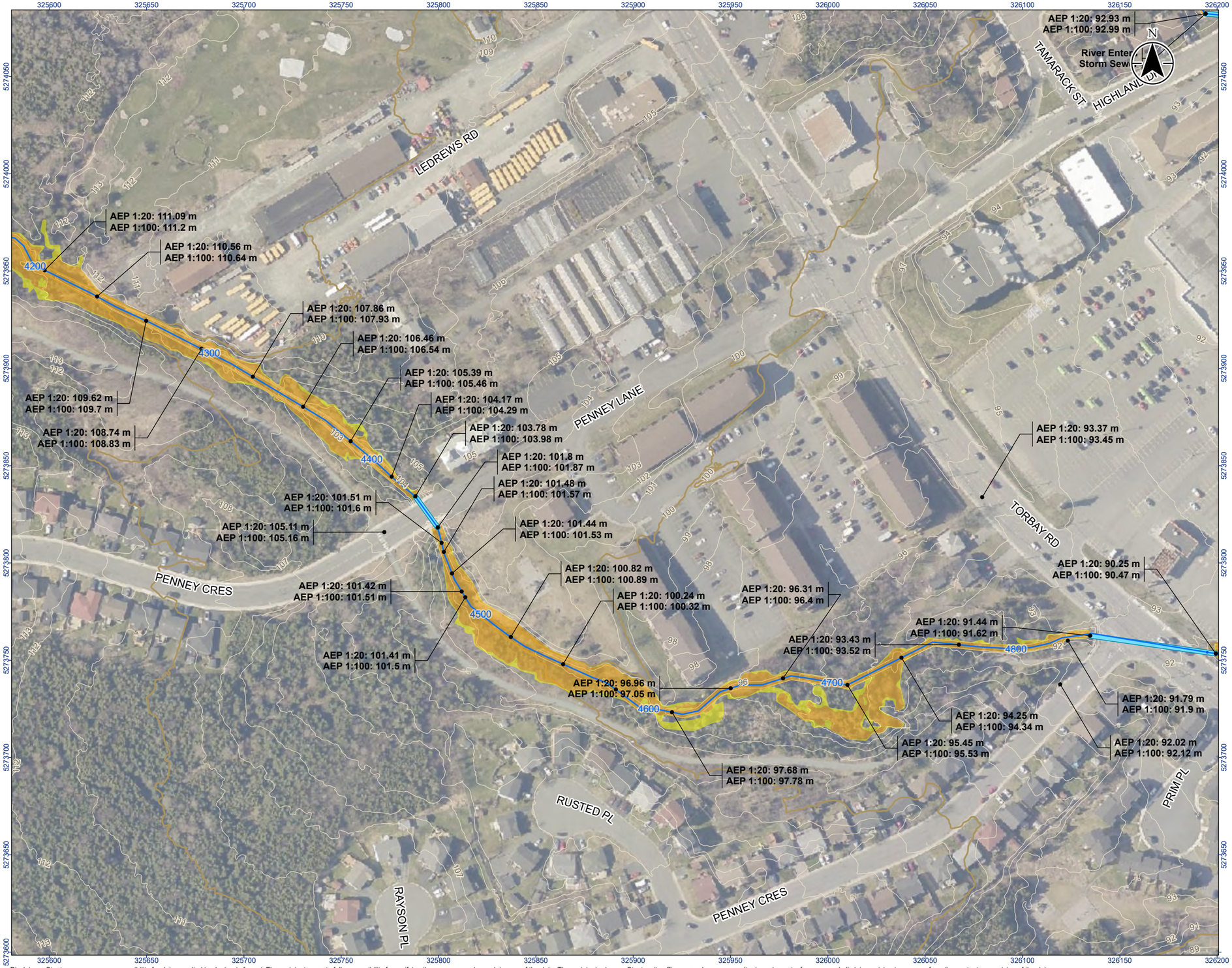
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-9

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 9 of 30

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Stantec

Legend

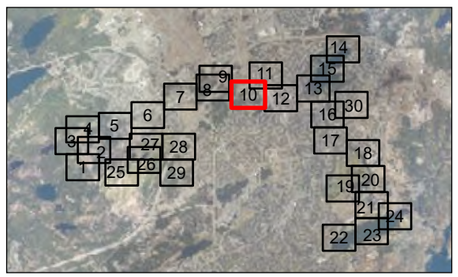
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-10

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 10 of 30

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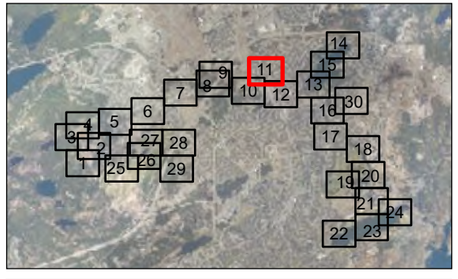
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-03

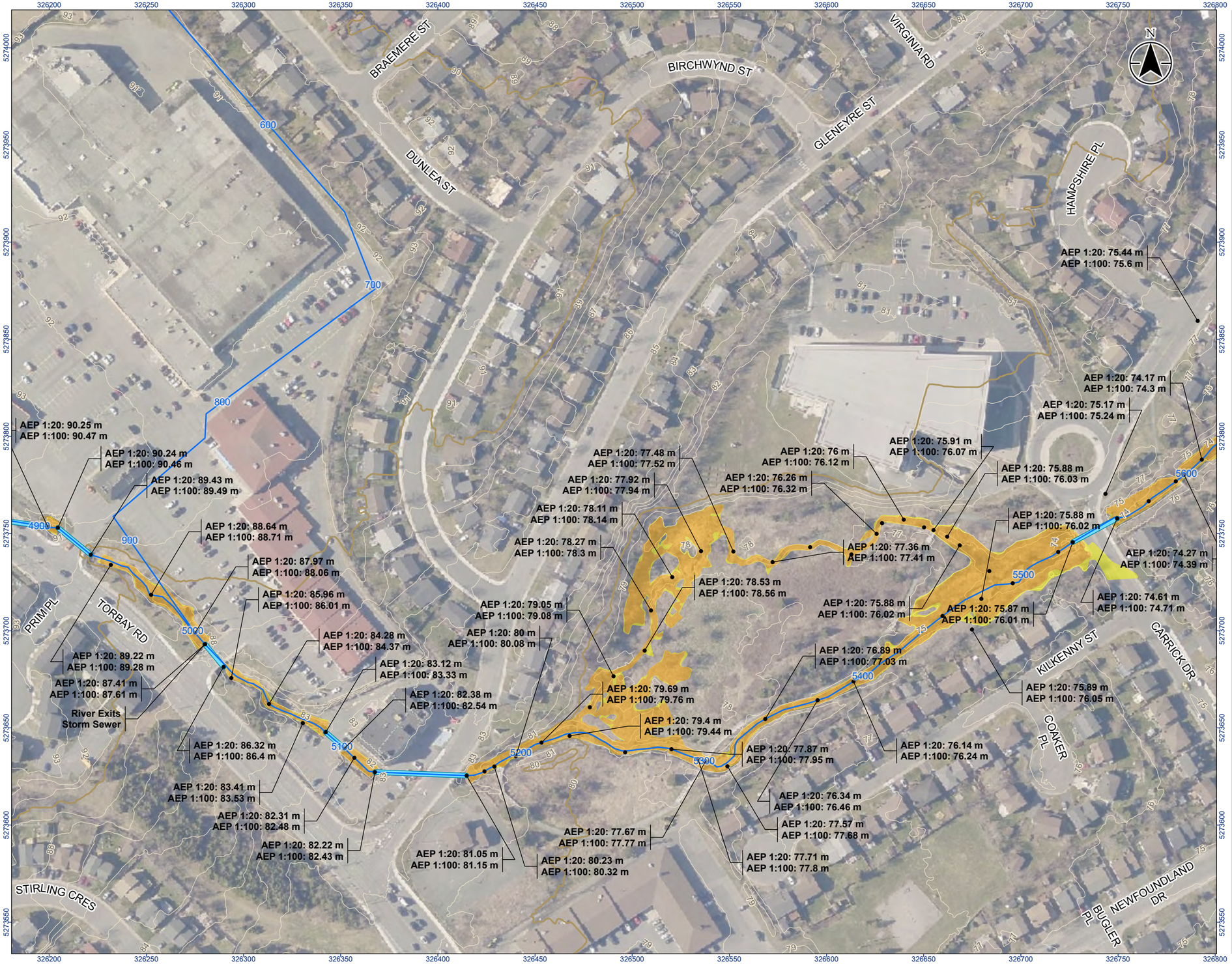
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-11

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 11 of 30

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Stantec

Legend

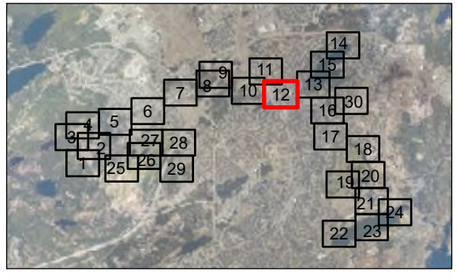
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

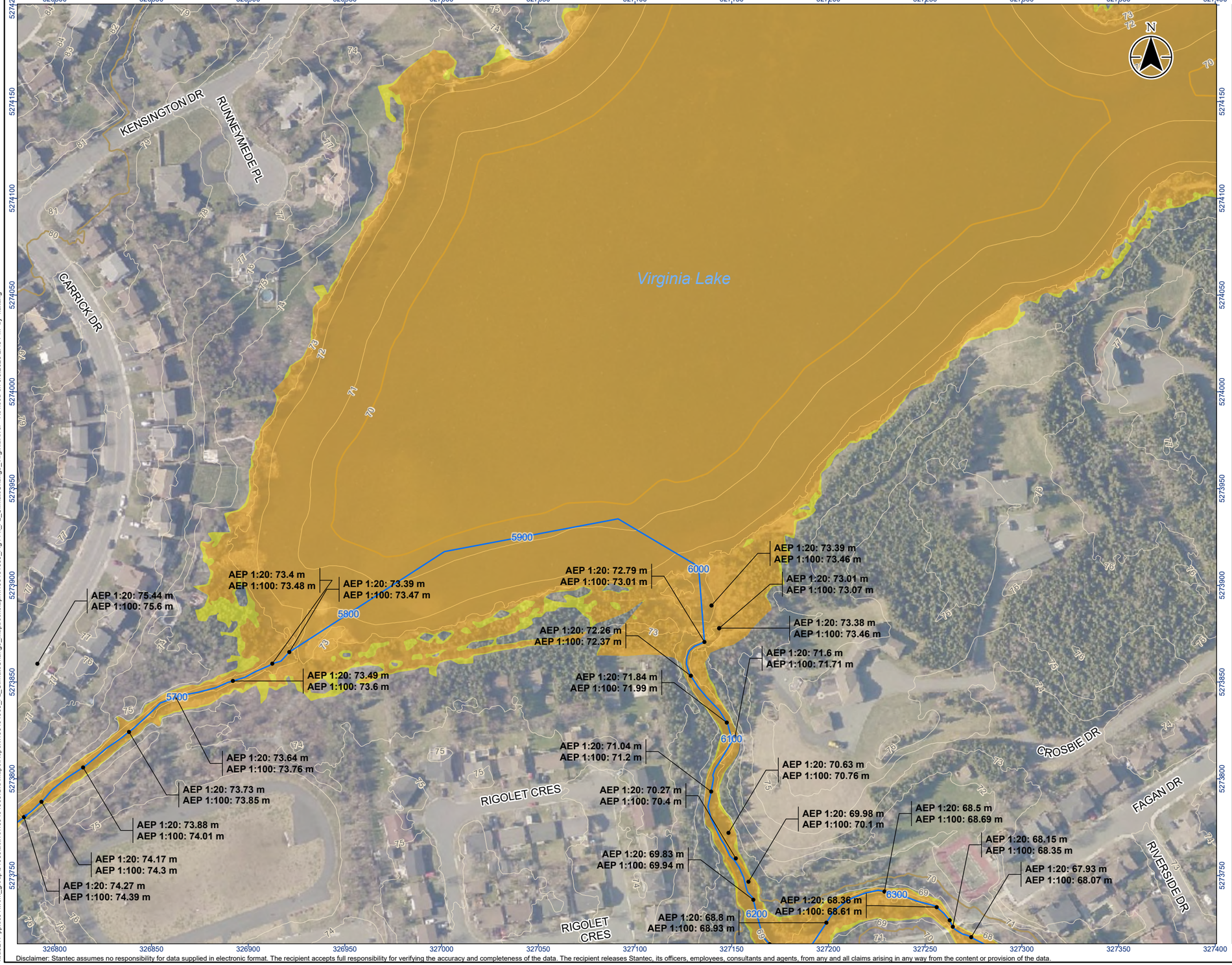
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-12

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 12 of 30

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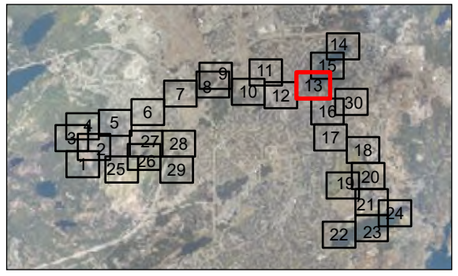
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Notes

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Project Location
City of St. John's

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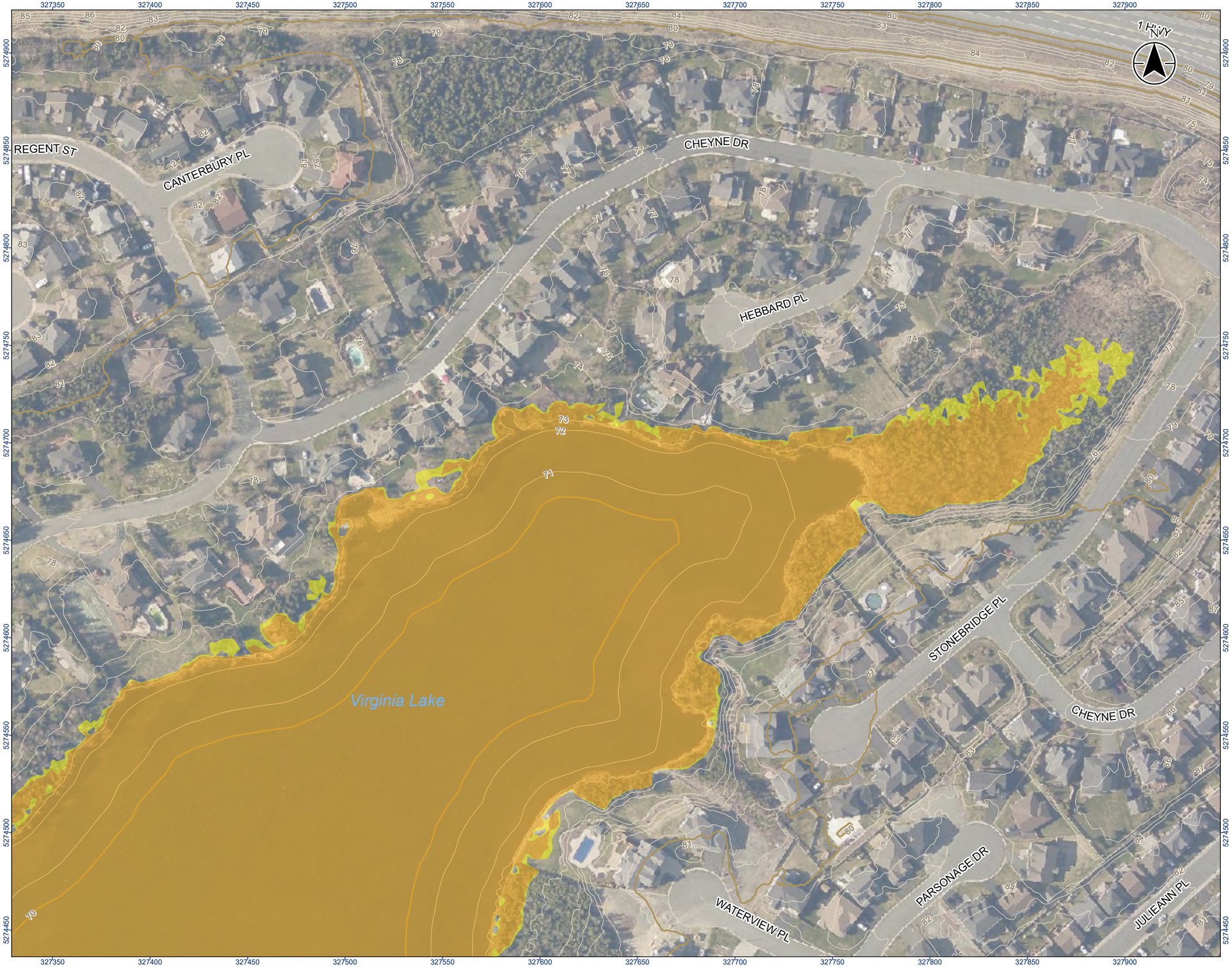
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-13

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 13 of 30

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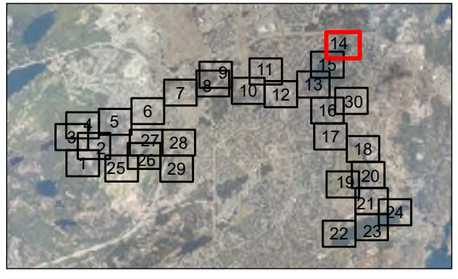
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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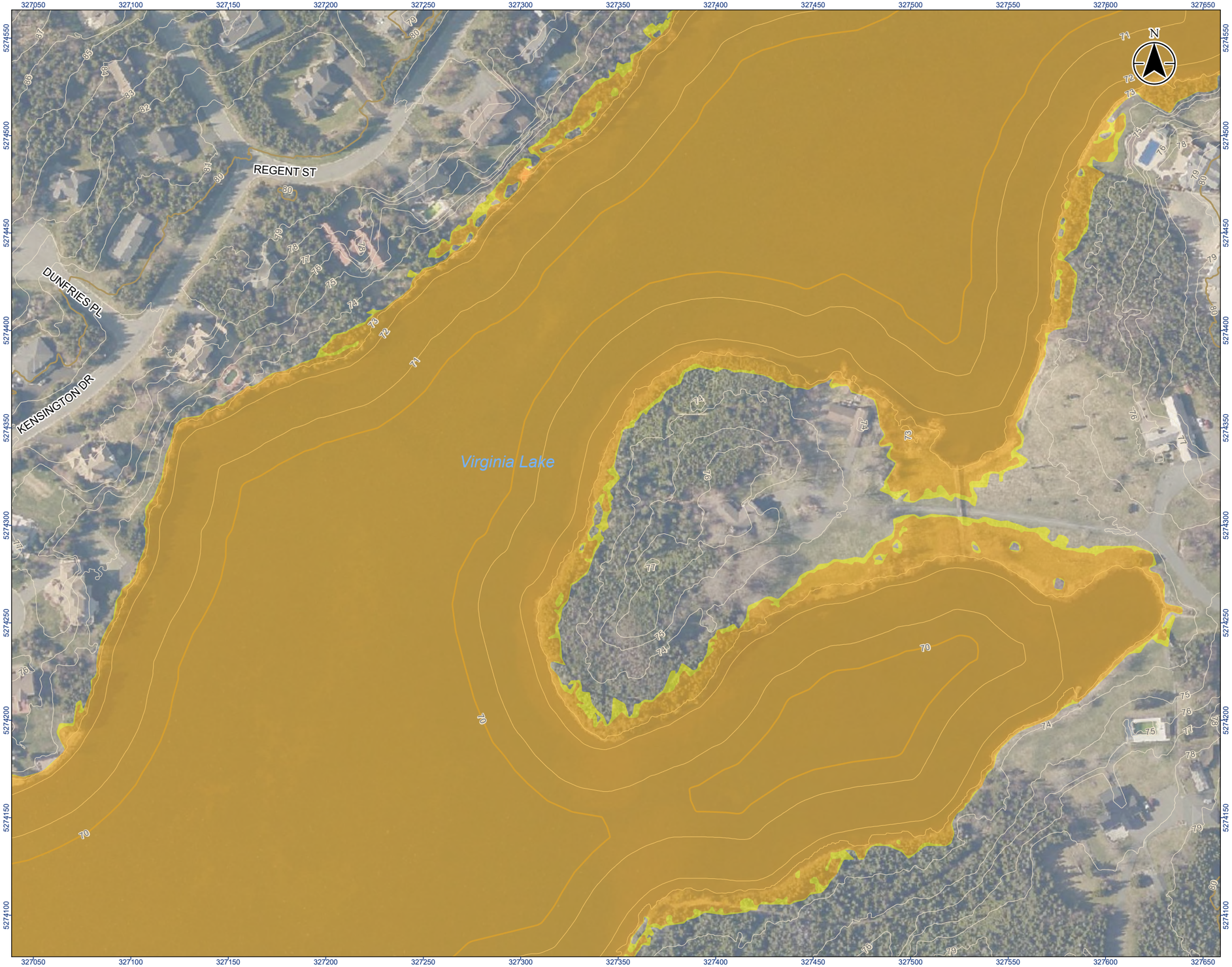
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-14

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 14 of 30

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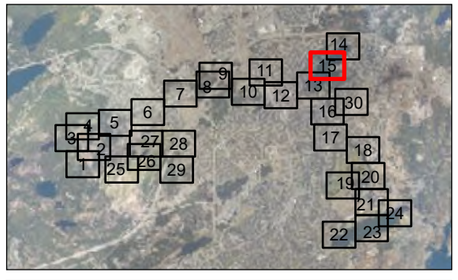
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-15

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 15 of 30

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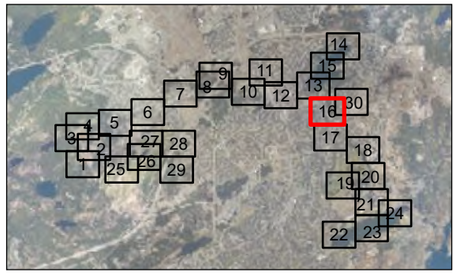
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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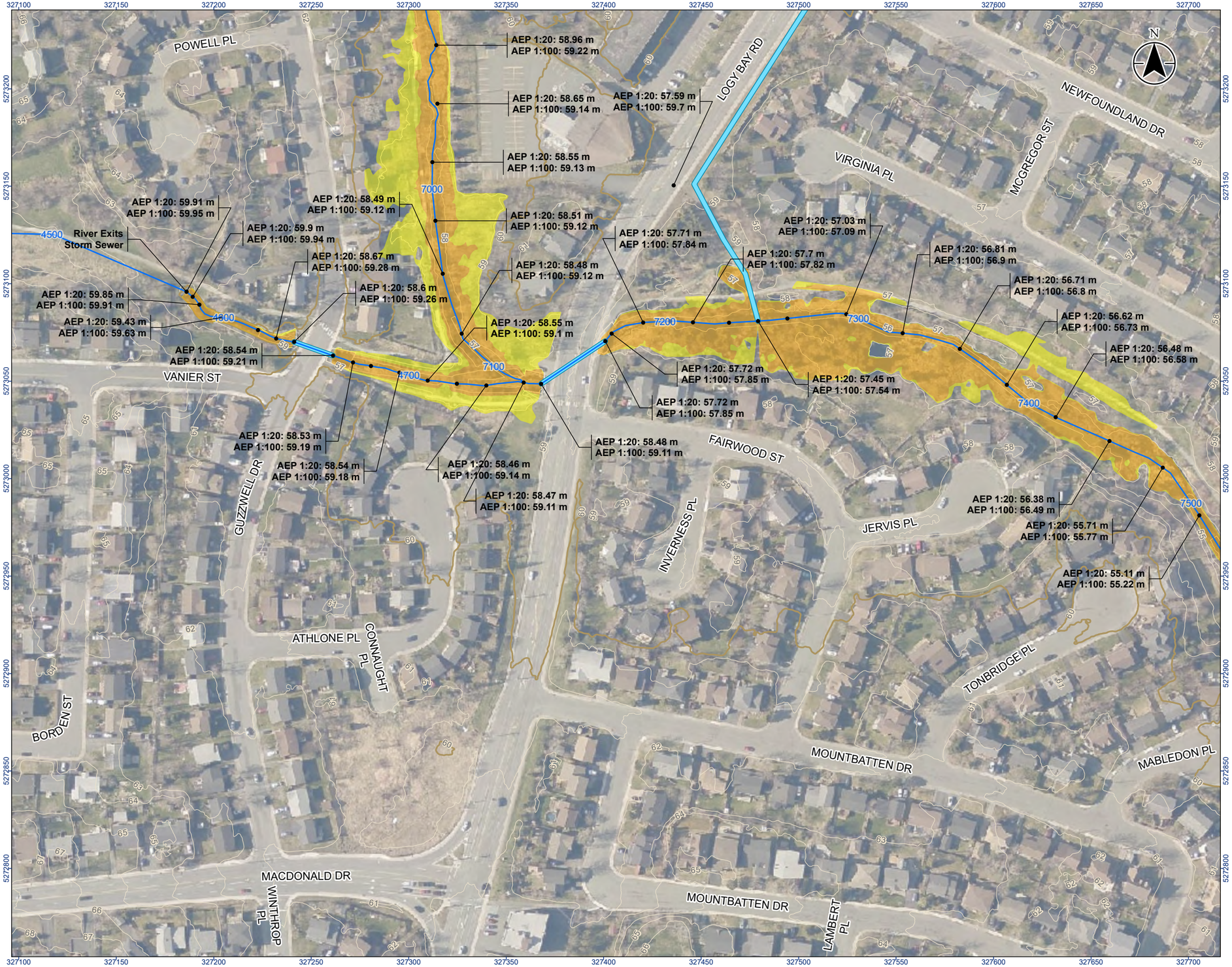
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-16

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 16 of 30

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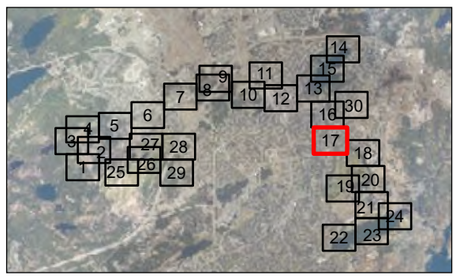
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- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
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Project Location
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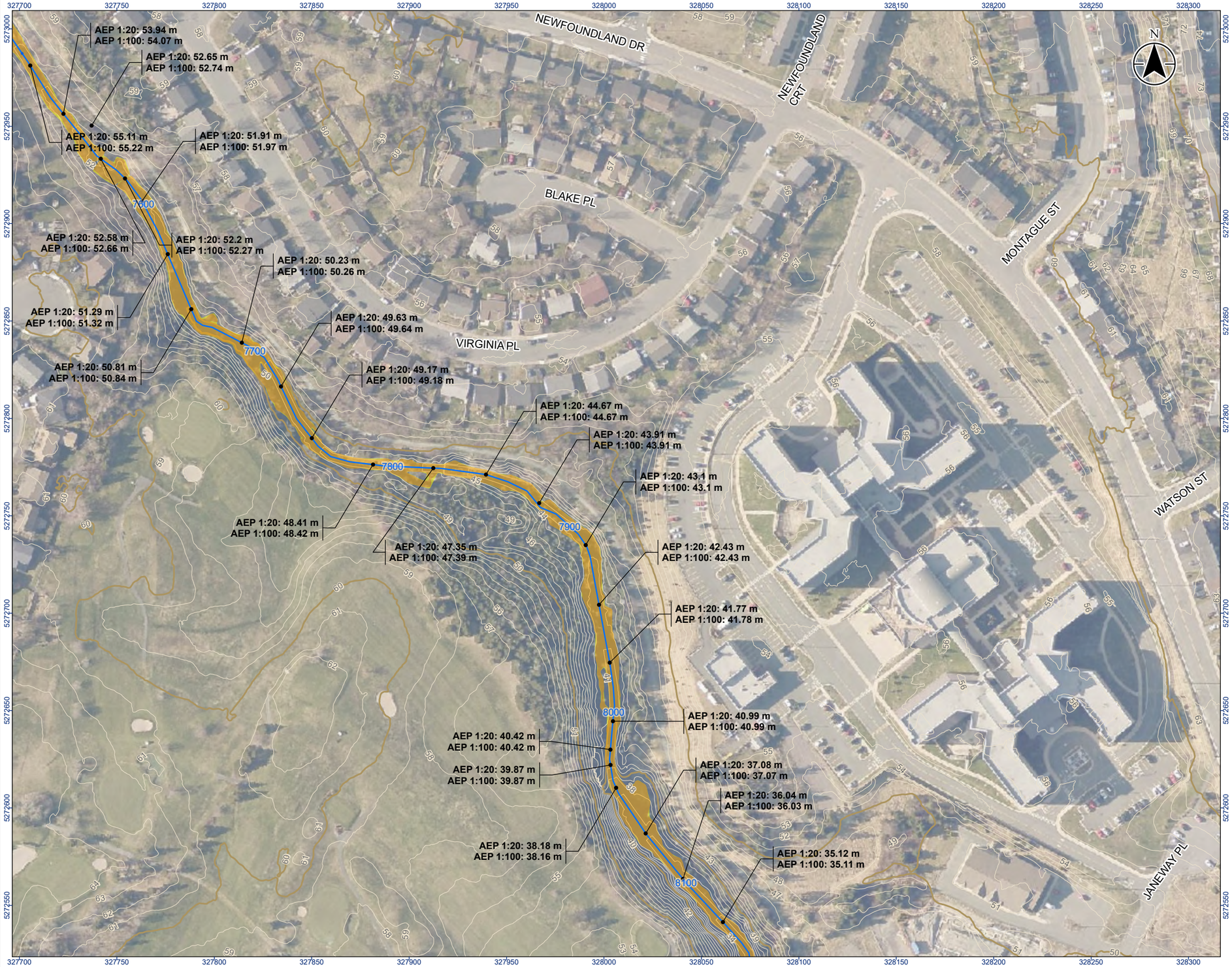
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-17

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 17 of 30

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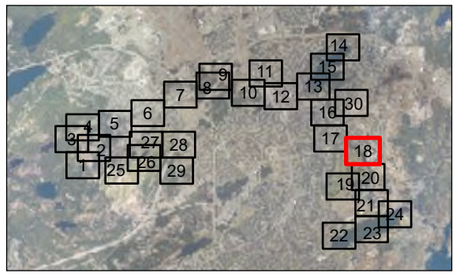
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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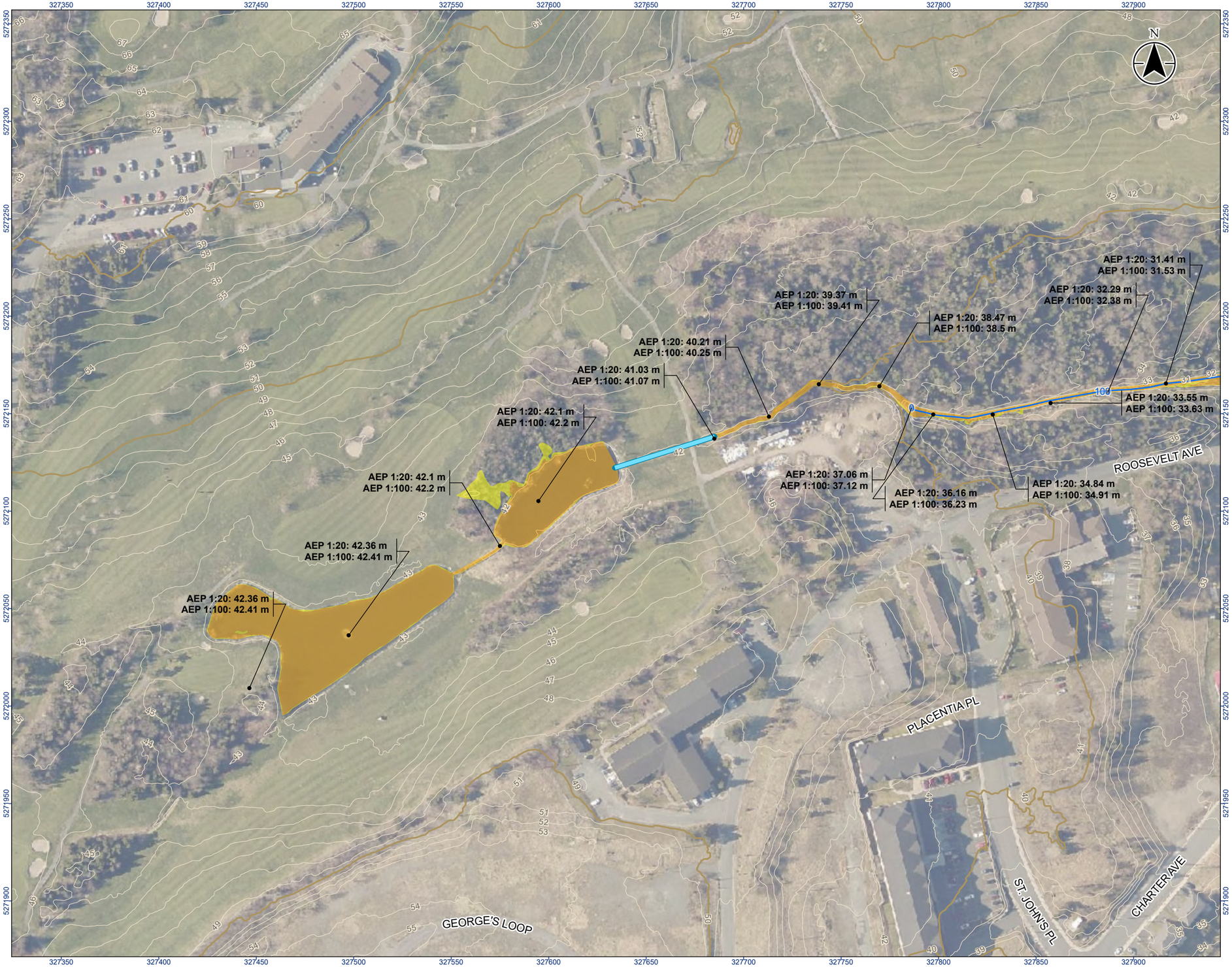
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-18

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 18 of 30

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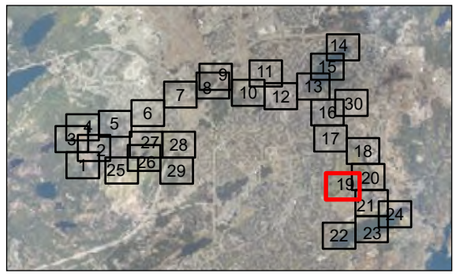
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-19

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 19 of 30

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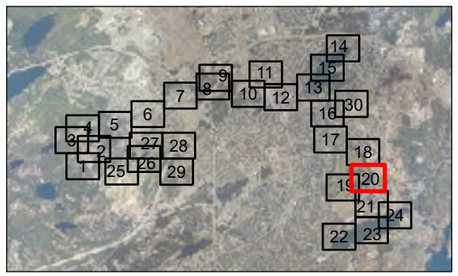
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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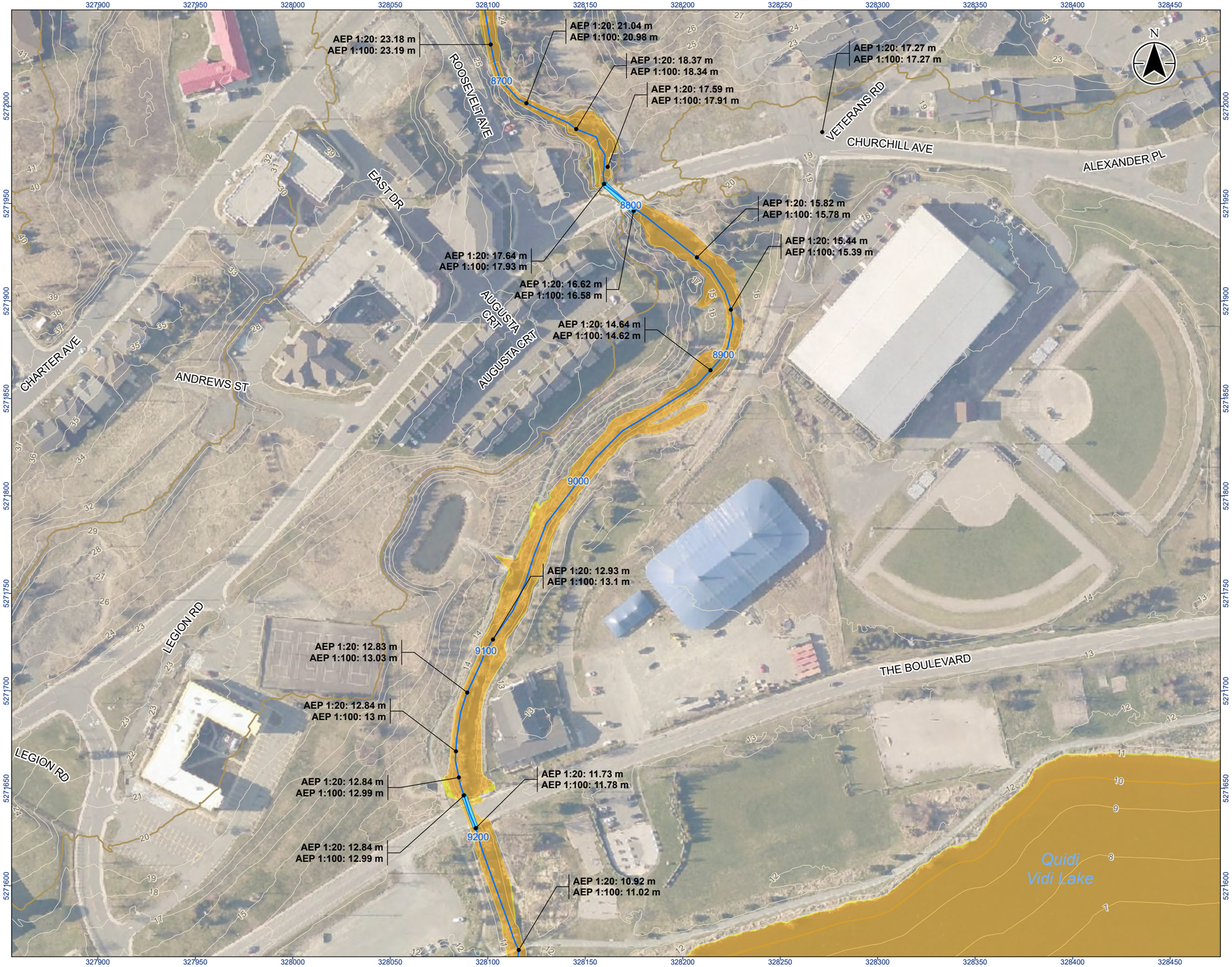
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-20

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 20 of 30

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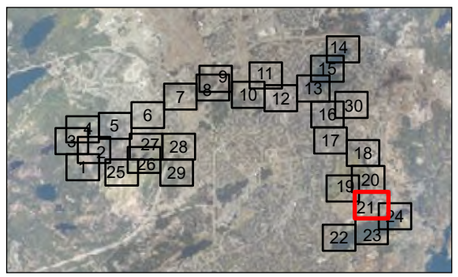
Legend

- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m
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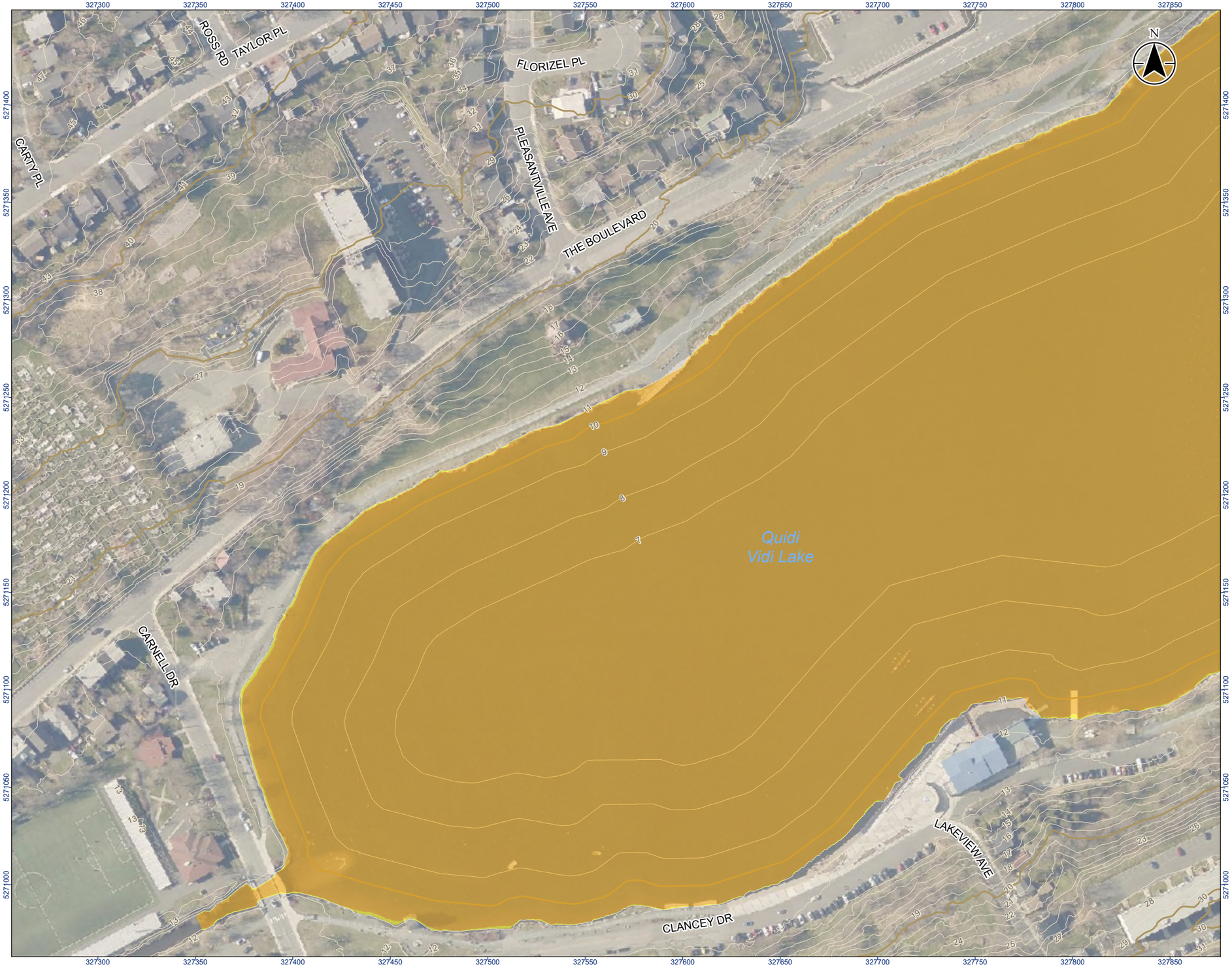
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-21

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 21 of 30

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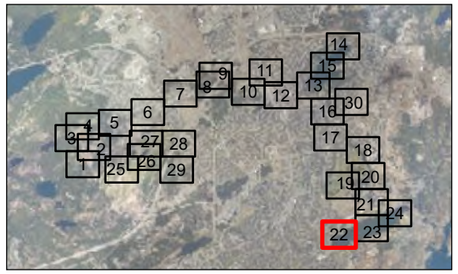
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
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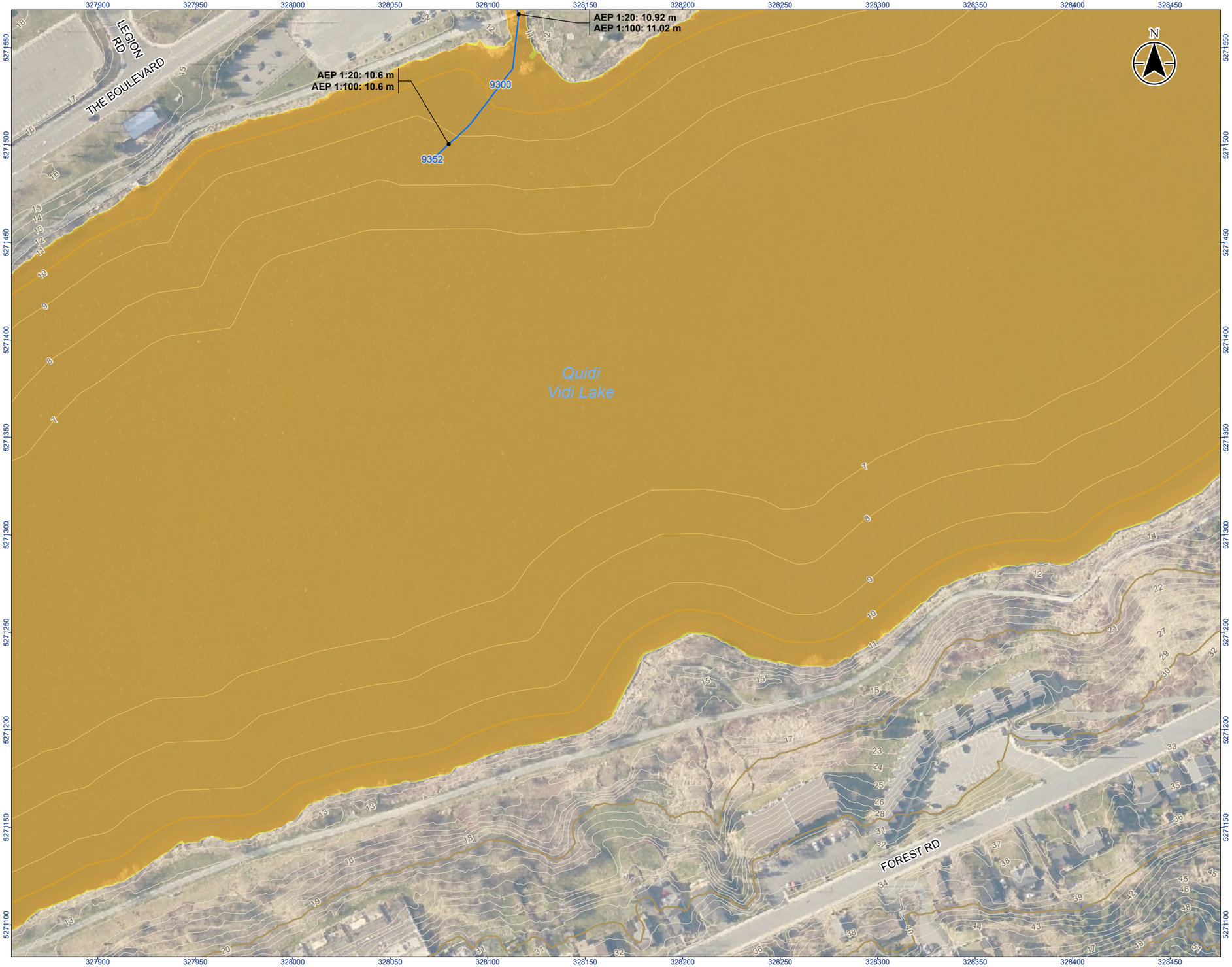
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-22

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 22 of 30

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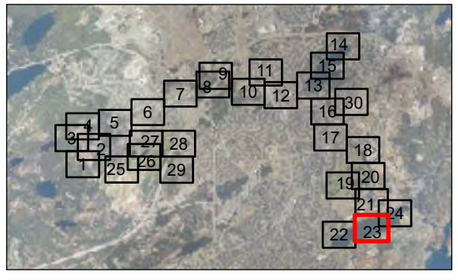
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

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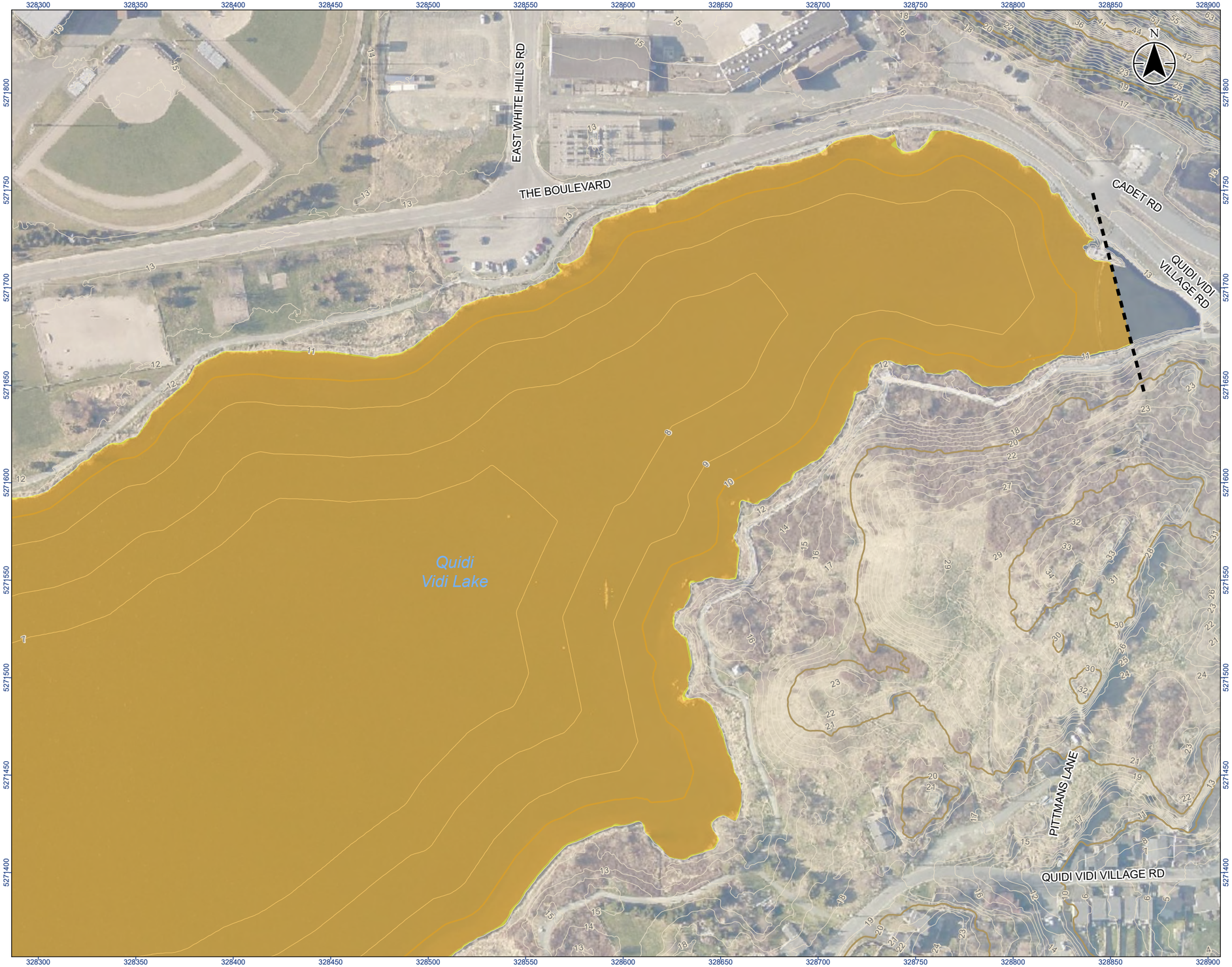
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-23

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 23 of 30

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Legend

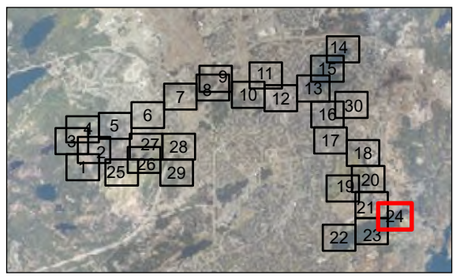
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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2. Topography shown was developed by Stantec from the HRDEM from Natural Resources Canada (NRCAN).
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4. Orthoimagery is supplied by the Government of Newfoundland and Labrador.



Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-24

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 24 of 30

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Legend

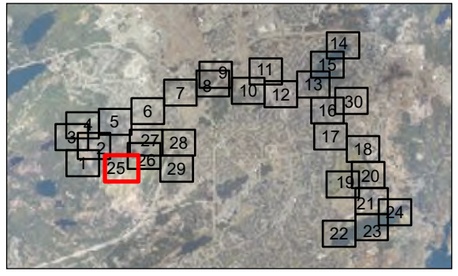
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

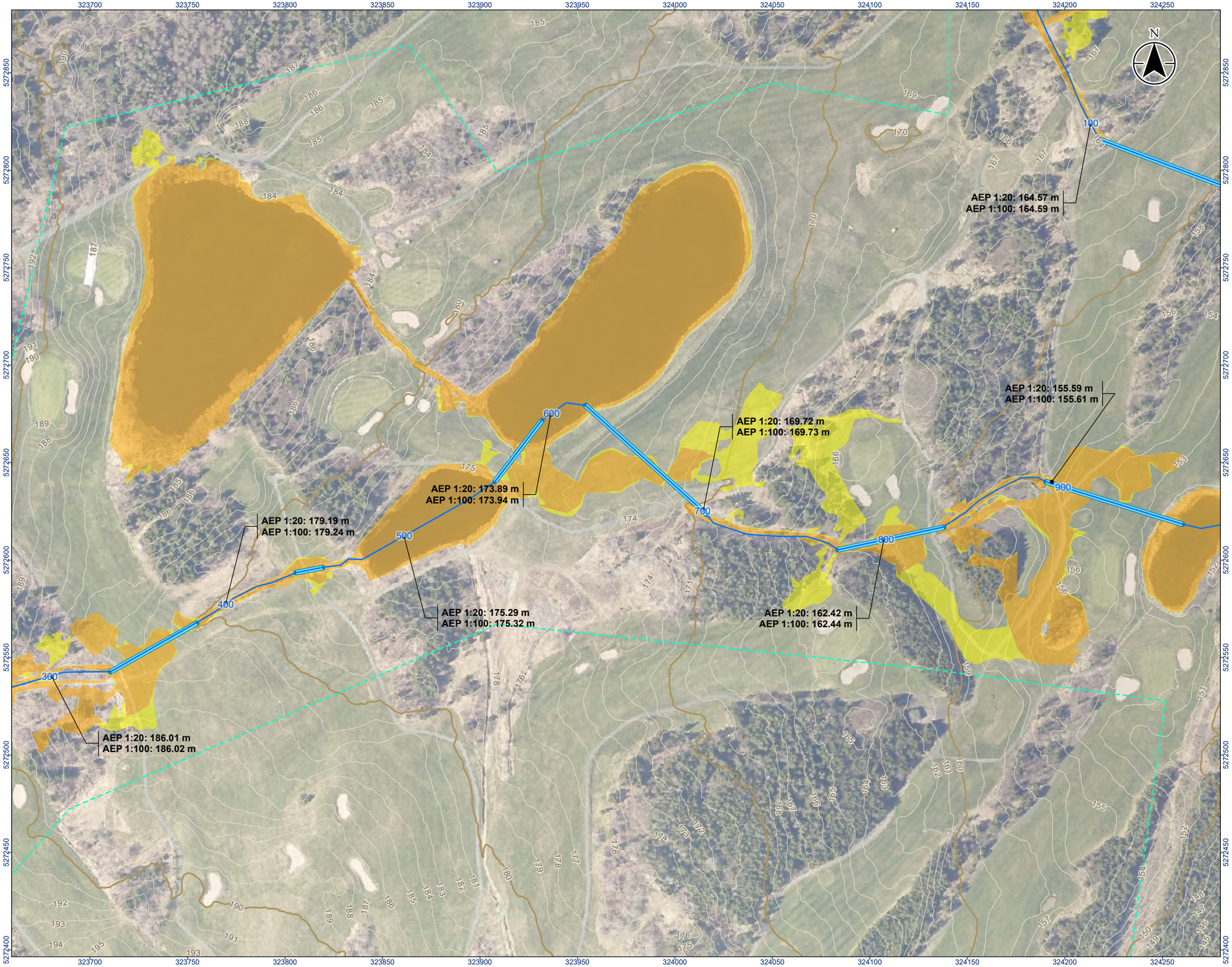
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-25

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 25 of 30

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Legend

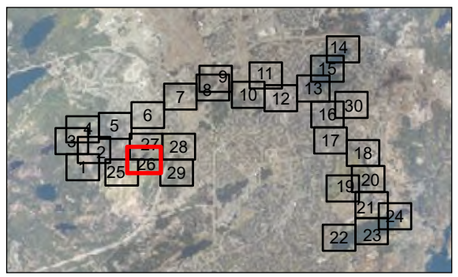
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

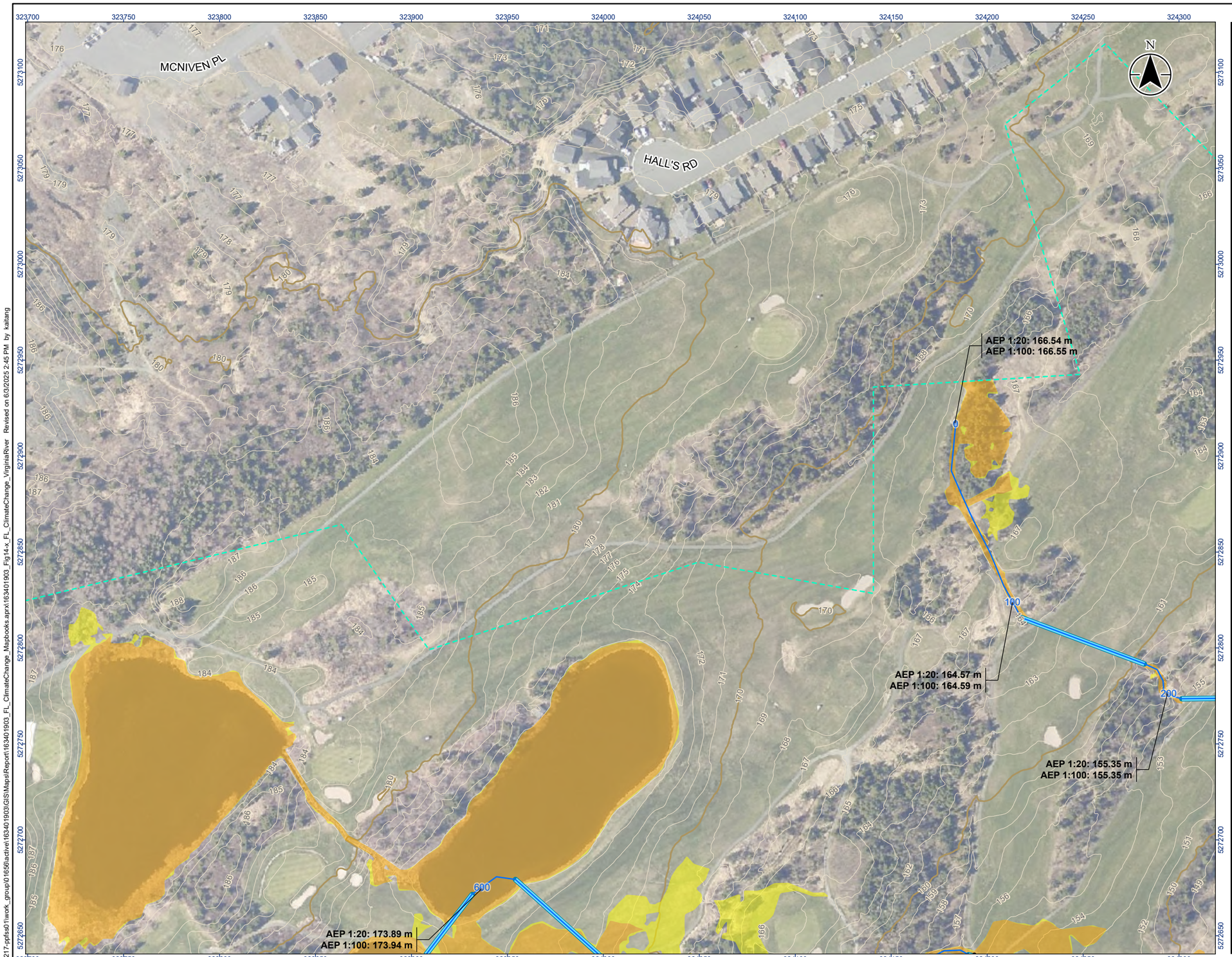
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-26

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 26 of 30

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FL_ClimateChange_VirginiaRiver Revised on 6/3/2025 2:45 PM by kaitang



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Legend

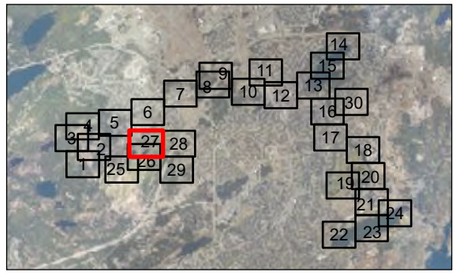
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

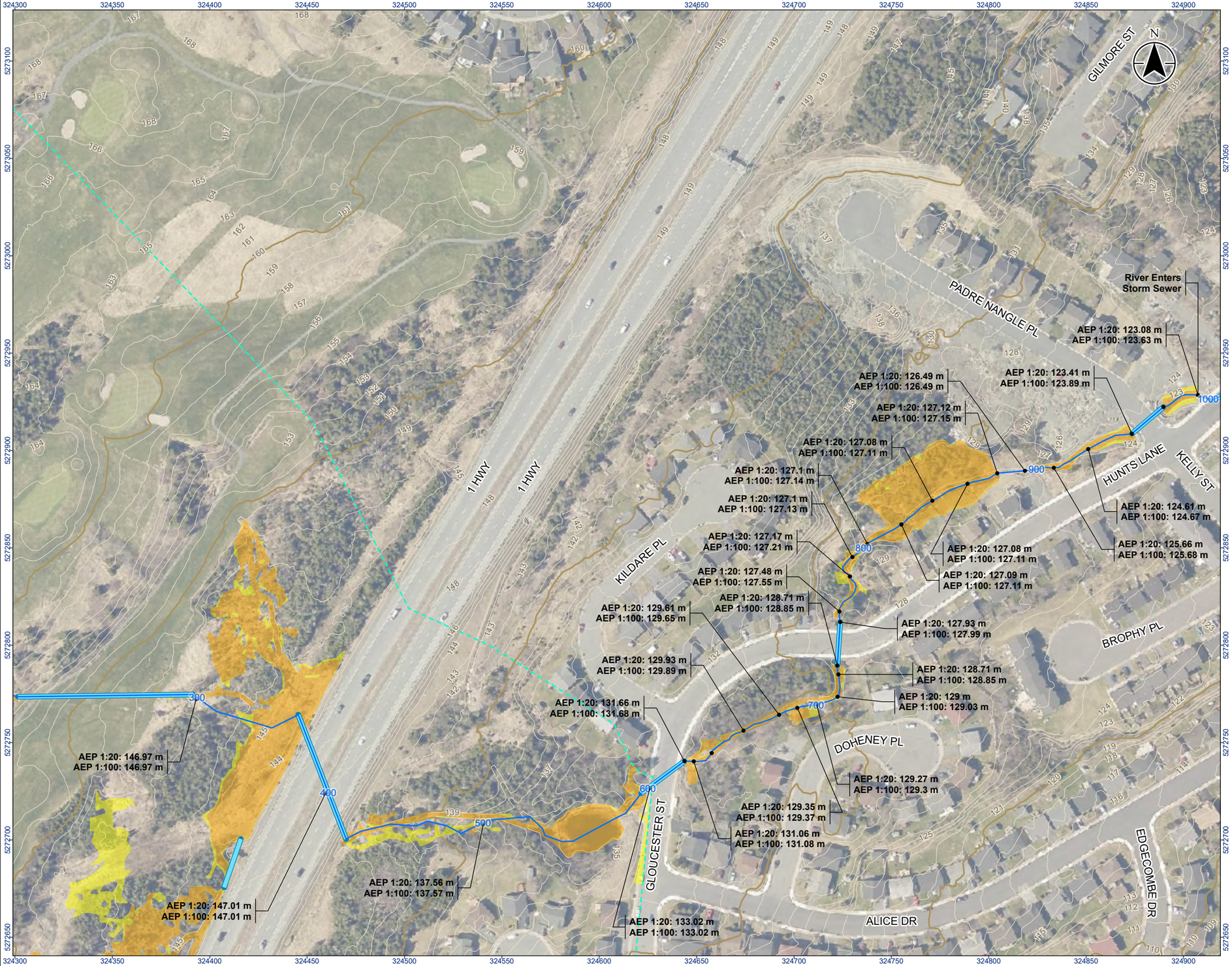
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-27

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 27 of 30

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Legend

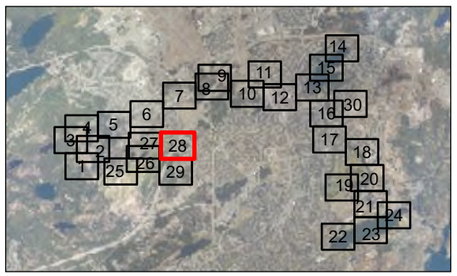
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kebuchanan on 2025-06-19

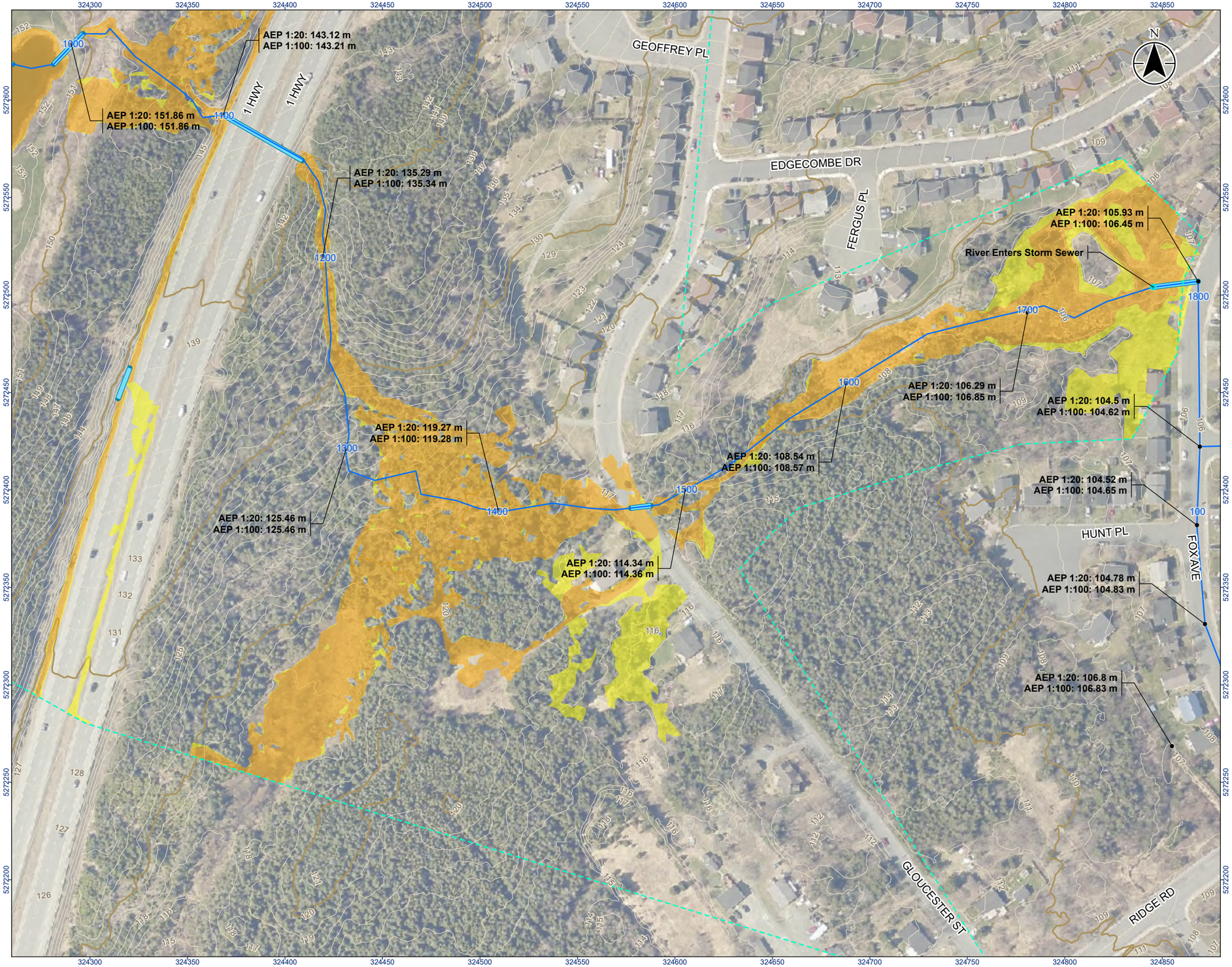
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-28

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 28 of 30

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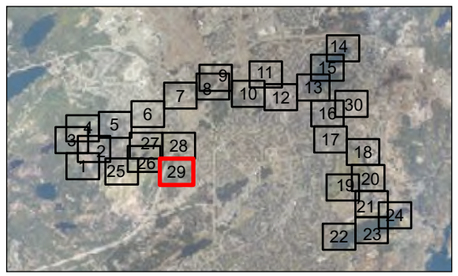
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-29

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 29 of 30

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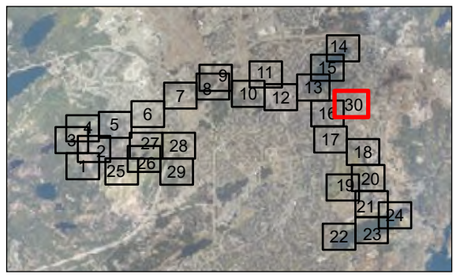
- River/Creek Centreline
- Modelled Culvert
- 1 m LiDAR Contour
- 10 m LiDAR Contour
- Limit of Mapping
- Limit of 2D Modelling
- 20-Year Flood Zone
- 100-Year Flood Zone

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
14-30

Title
Climate Change Condition
AEP Flood Zone - Virginia River
Sheet 30 of 30

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