APPENDIX O

Flood Risk Maps

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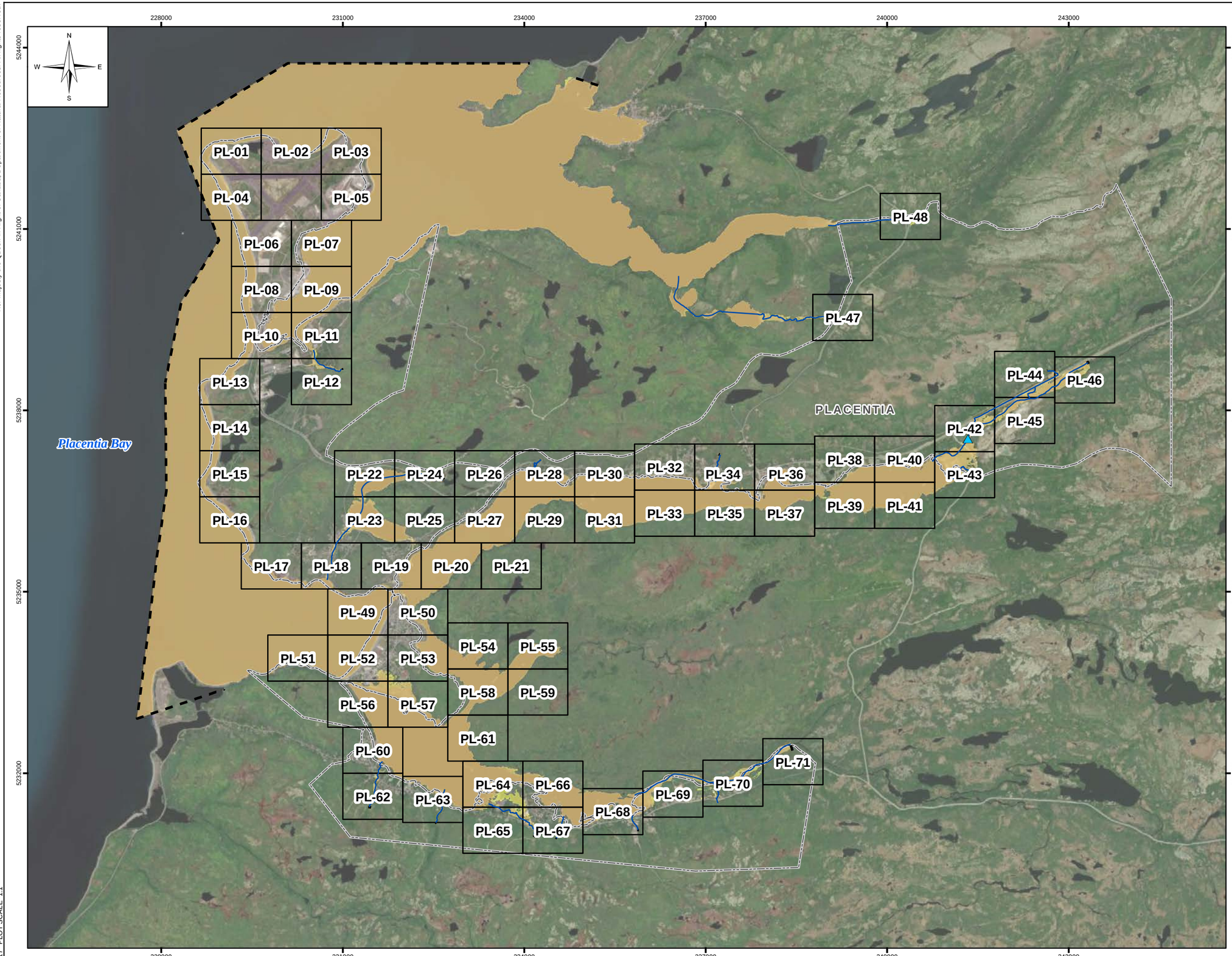

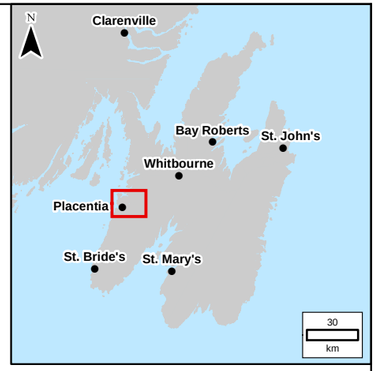

LEGEND:

- Water Survey of Canada Gauge
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 100 Year Flood Zone

NOTES:
1. Imagery is supplied by ESRI/Maxar, dated 2020.

0.5 0 0.5 1 1.5 2
Kilometres

SCALE: 1:60,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

SEPTEMBER 2022 | FIGURE 3.1 | REV: 0

FileName: P:\Projects\2021\21-3217-0020\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.1.mxd
11"x17" PLOT SCALE 1:1

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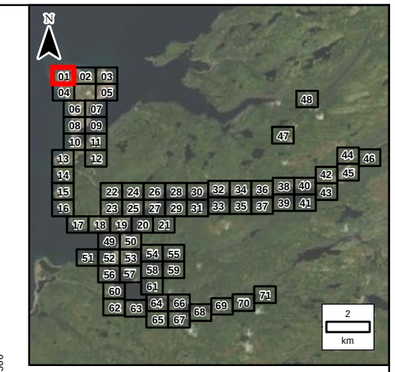

LEGEND:

- Sn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-01

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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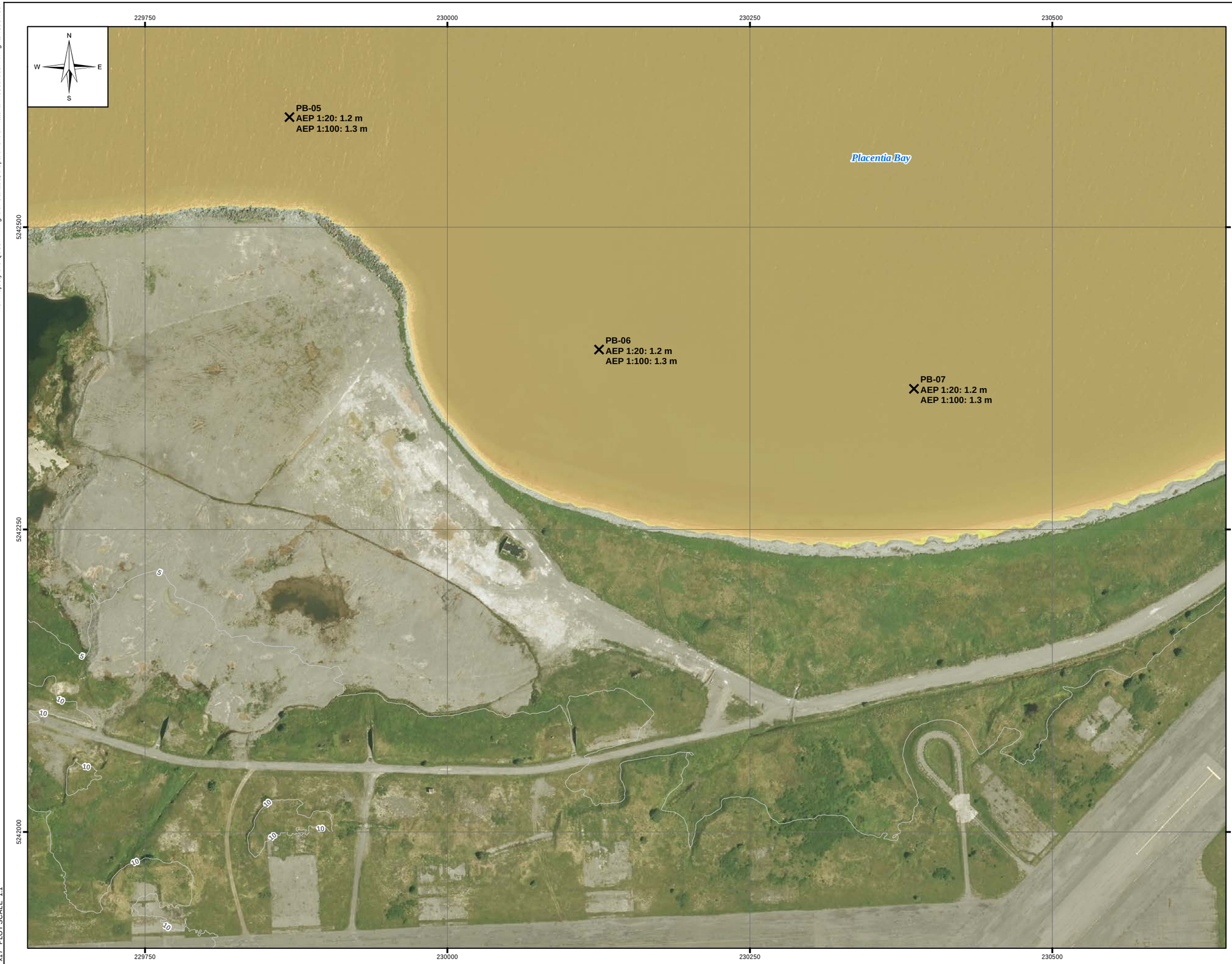

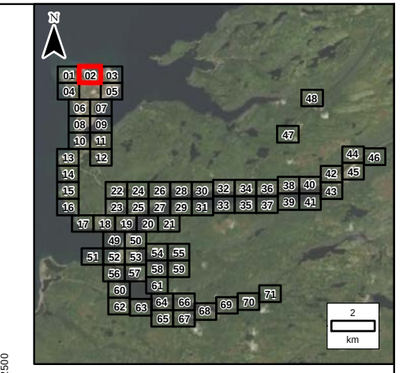

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-02

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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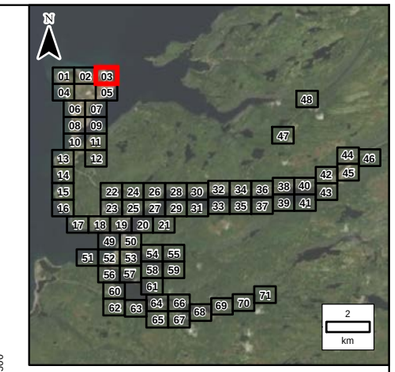

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-03

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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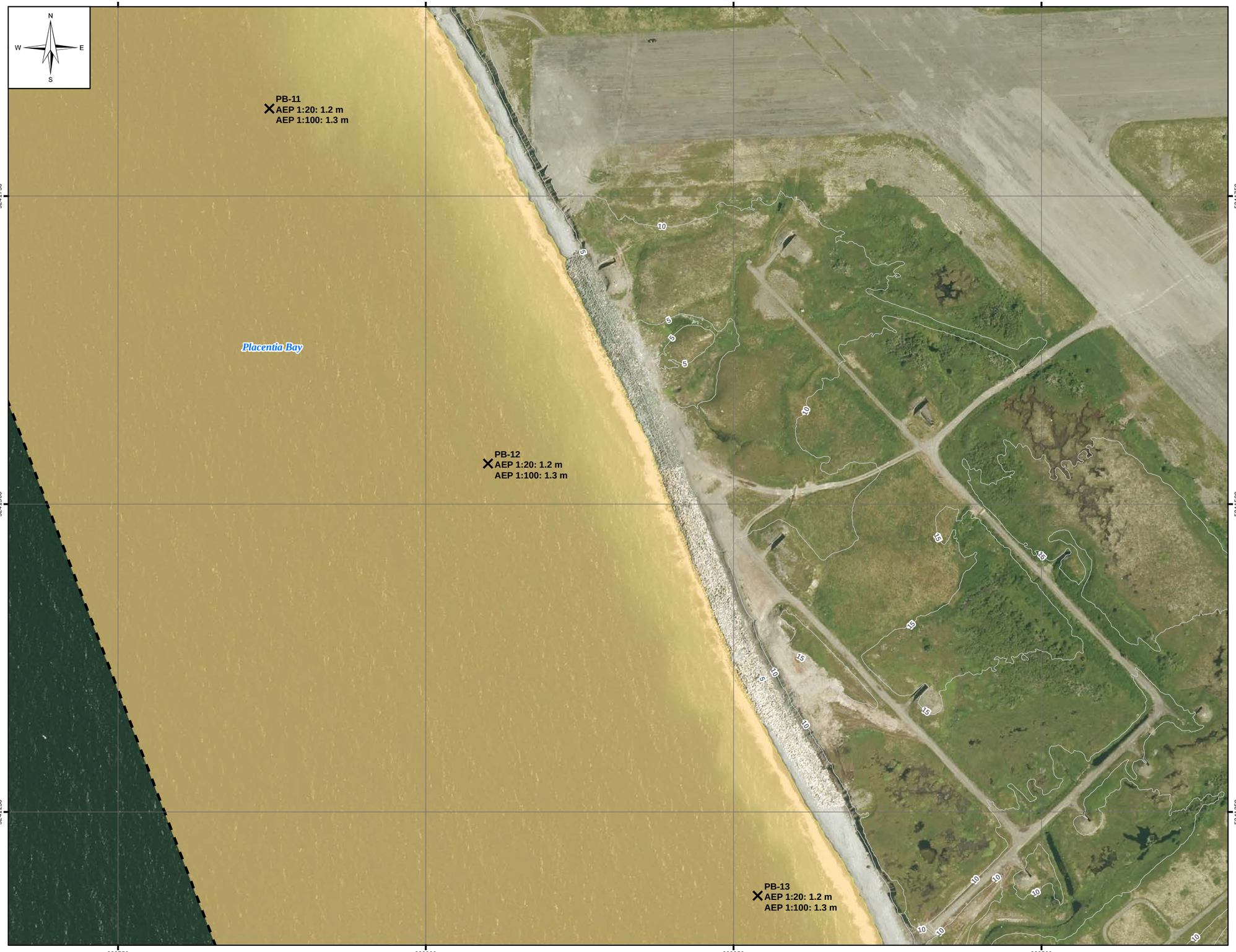

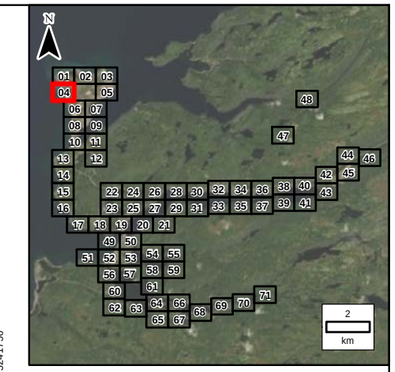

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-04

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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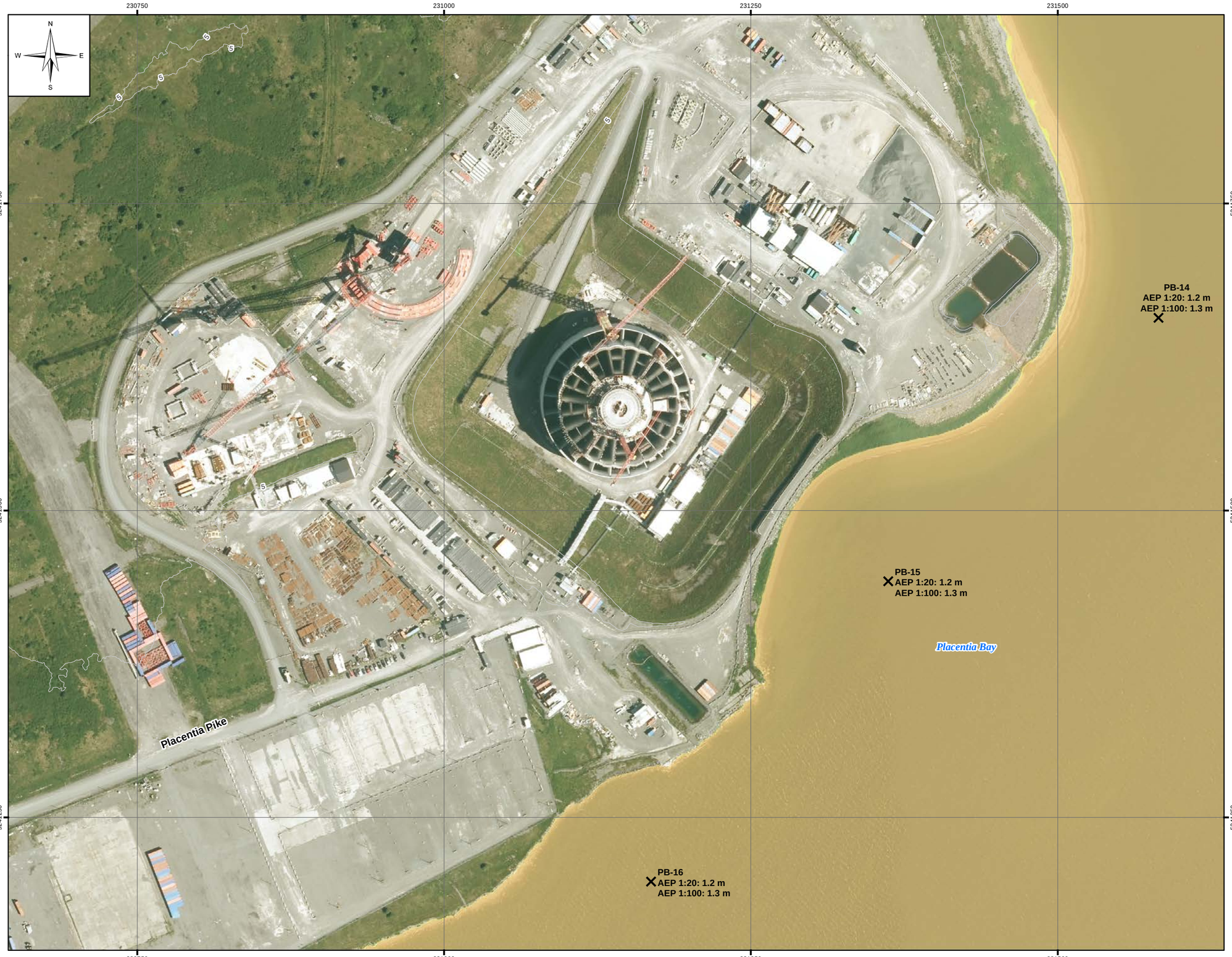

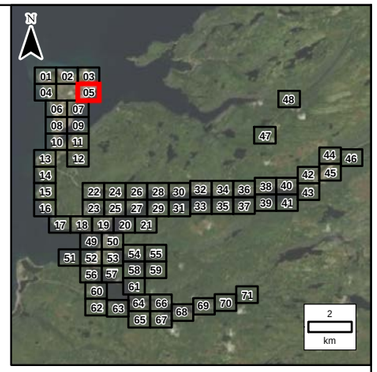

LEGEND:

Stn: 771 (RAS: 771)
Name: PL-LC3-48
AEP 1:20: 38.2 m
AEP 1:100: 38.4 m
Cross Section

Stn: 1029
Name: PL-LC3-2D-55
AEP 1:20: 41.5 m
AEP 1:100: 41.6 m
2D Annotation

SEA-32
AEP 1:20: 38.2 m
AEP 1:100: 38.4 m
Coastal Water Level

1:20 Year Flood Zone

100 Year Flood Zone

River/Creek Centreline

5 m LiDAR Contour

Limit of Mapping

Placentia Flood Wall

Limit of 2D Modelling

Modelled Bridge

Modelled Culvert

Water Survey of Canada Gauge

NOTES:
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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-05

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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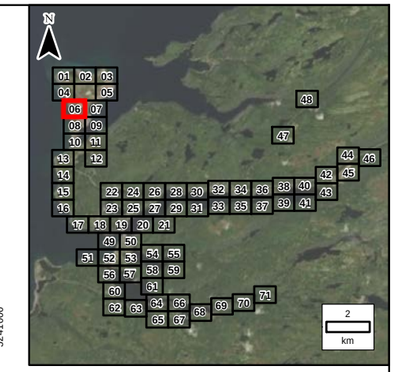

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-06

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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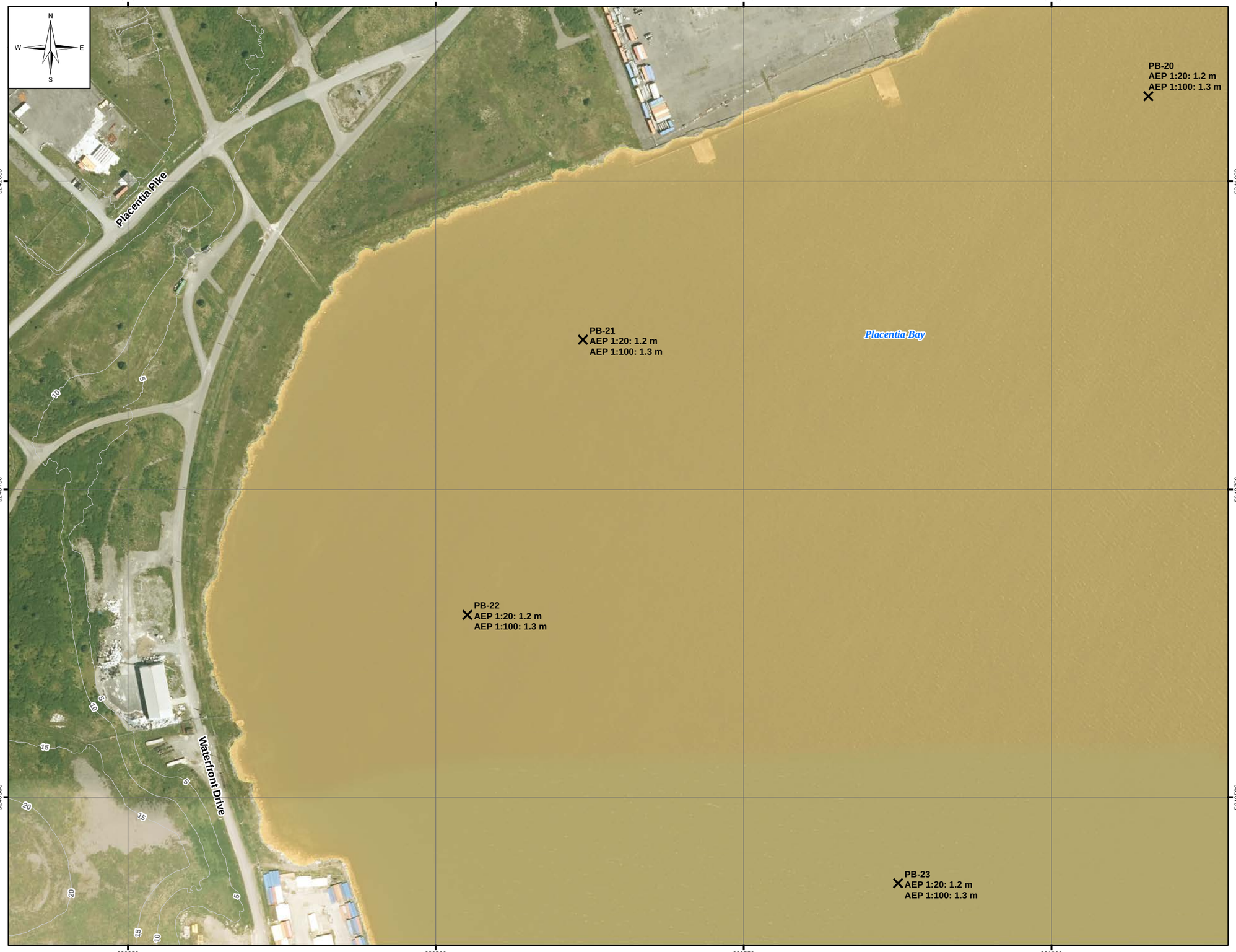

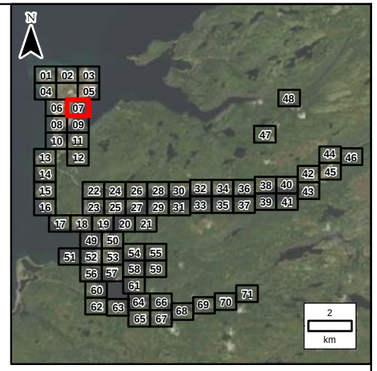

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-07

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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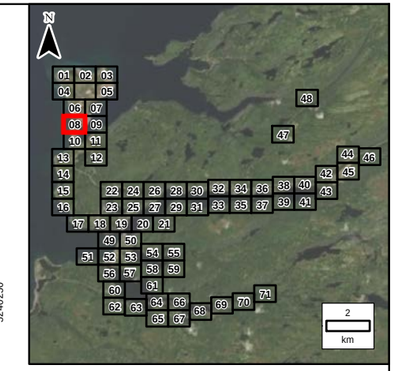

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-08

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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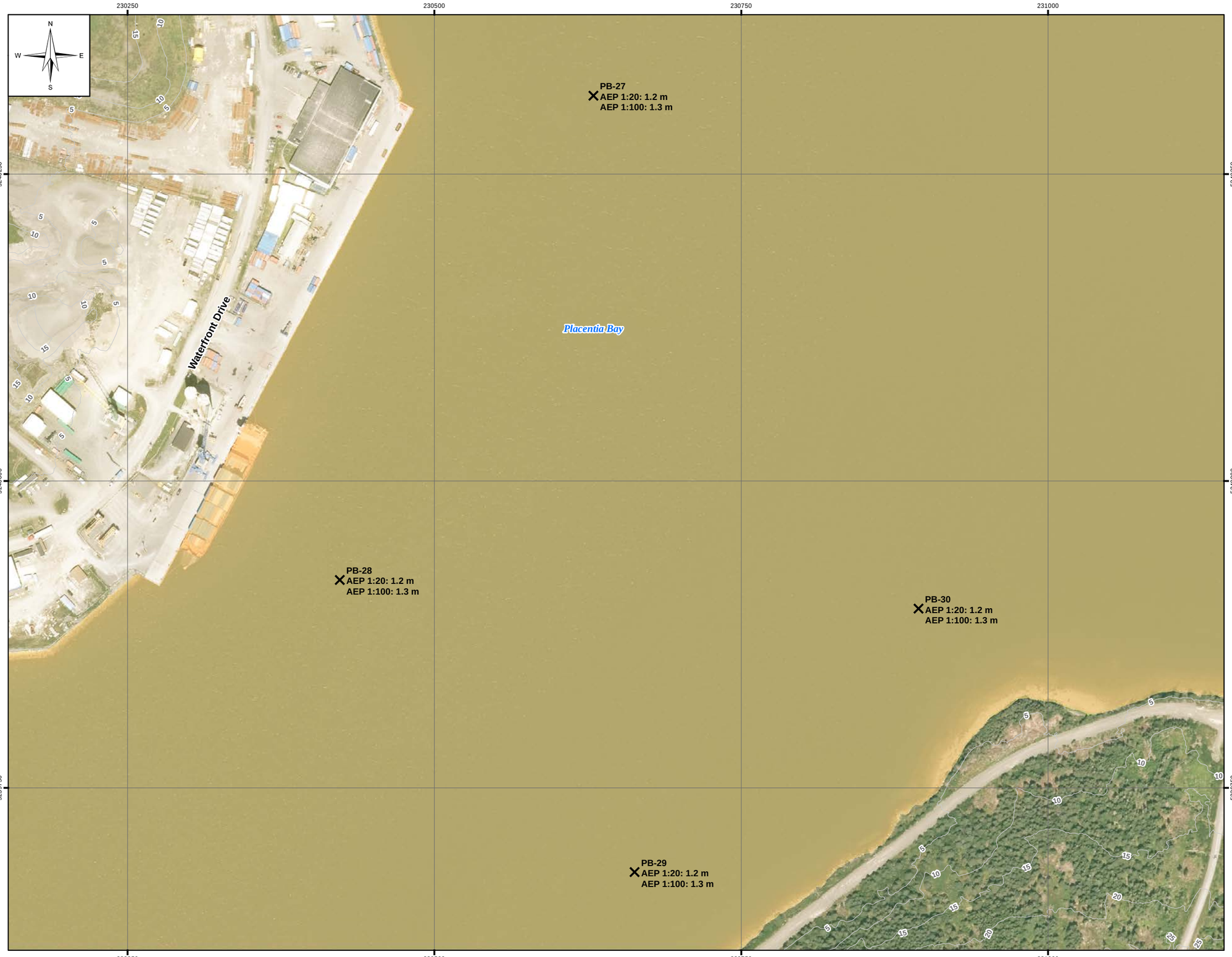

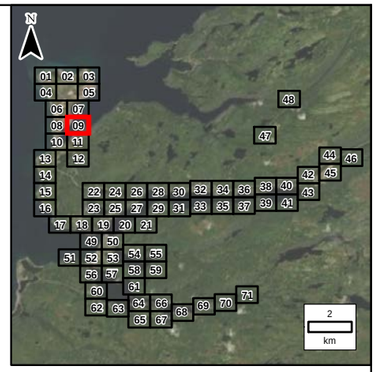

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-09

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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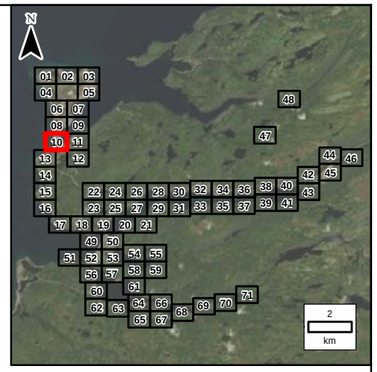

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
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- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-10

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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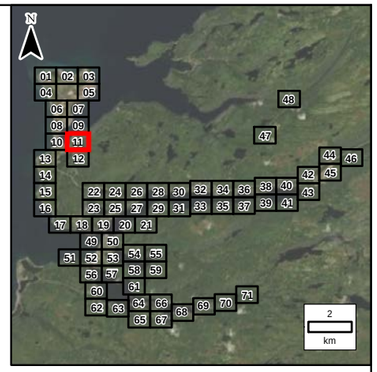

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-11

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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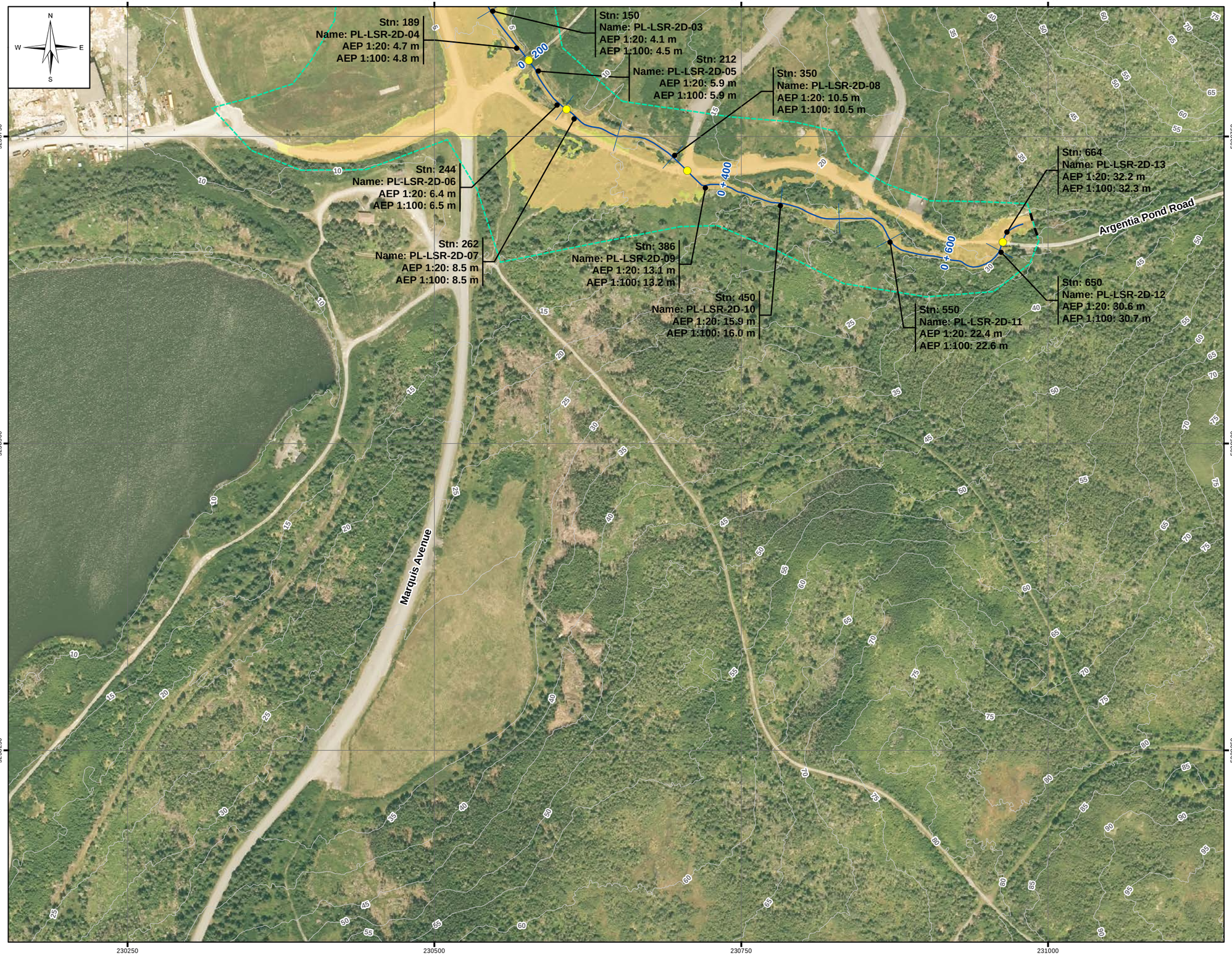

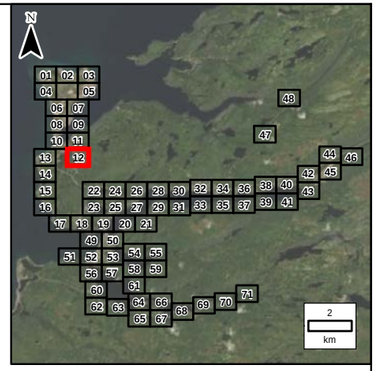

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-12

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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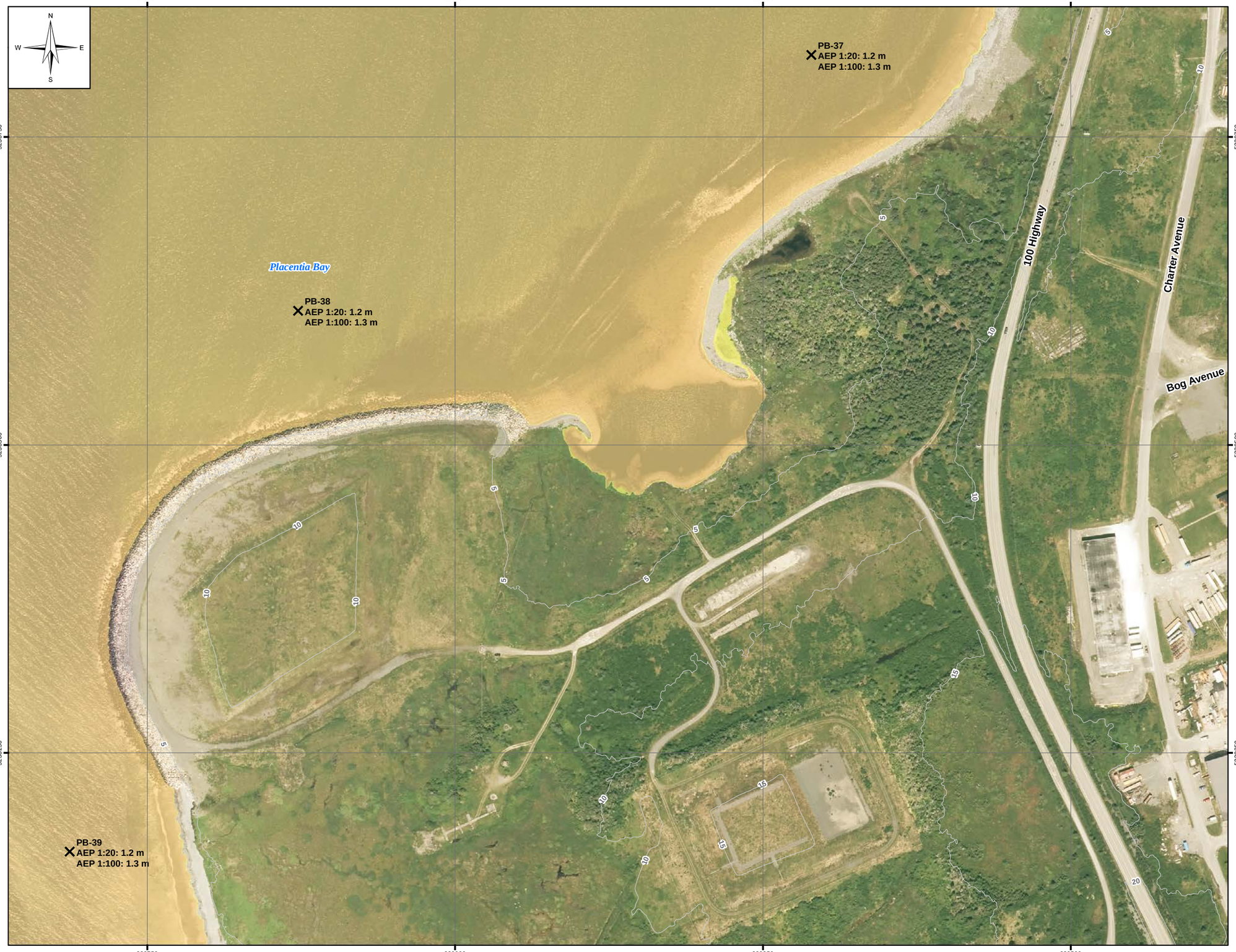

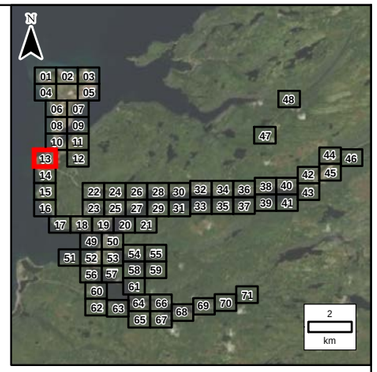

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-13

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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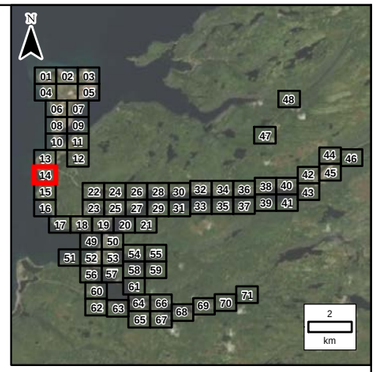

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
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- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-14

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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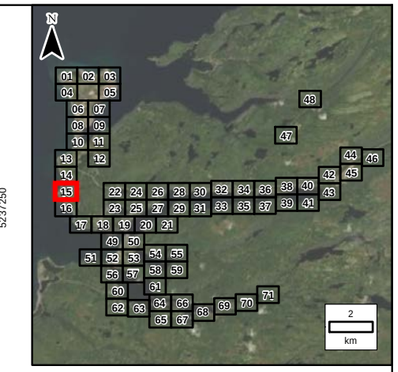

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-15

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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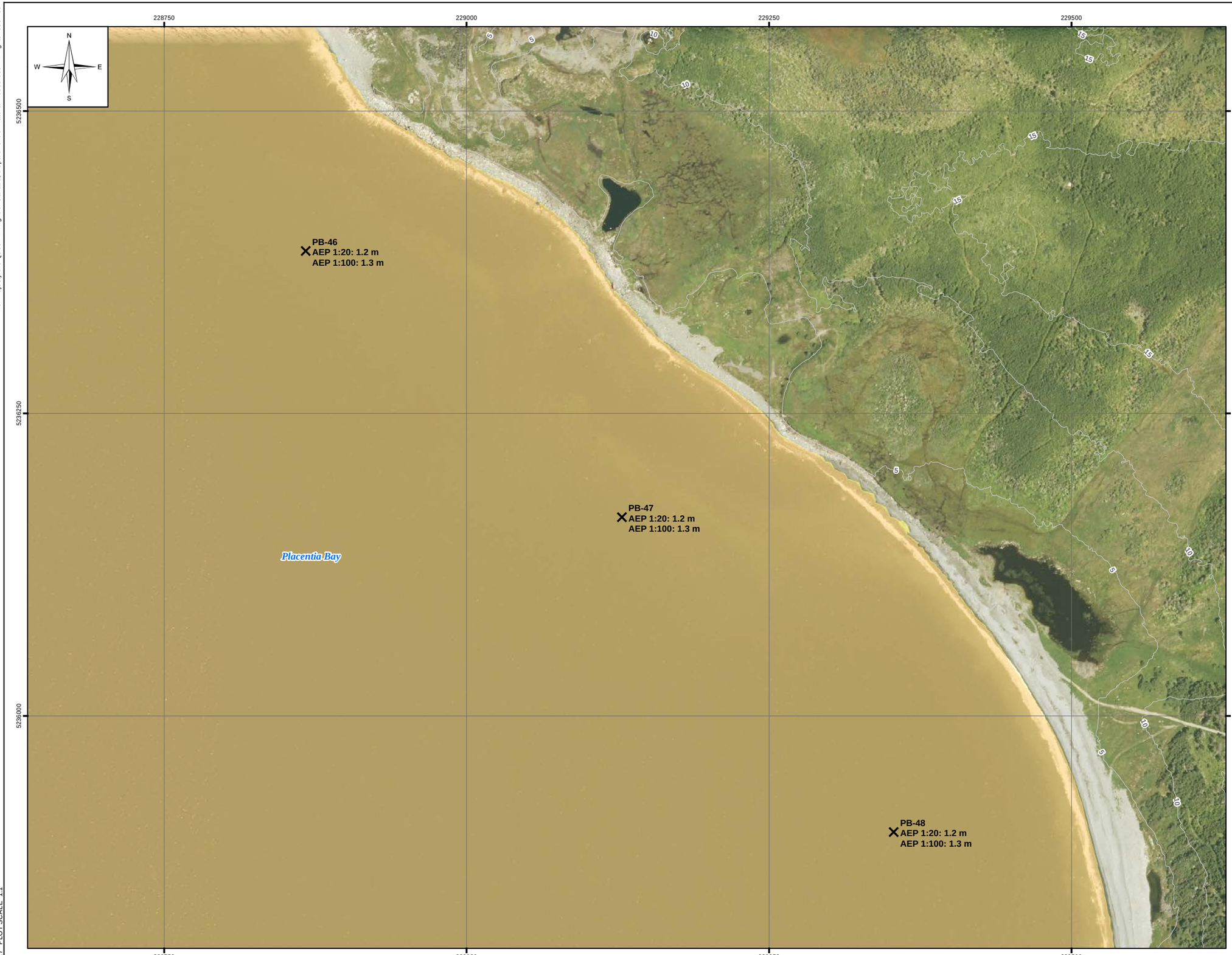

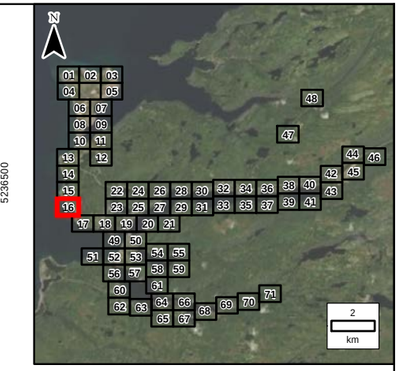

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-16

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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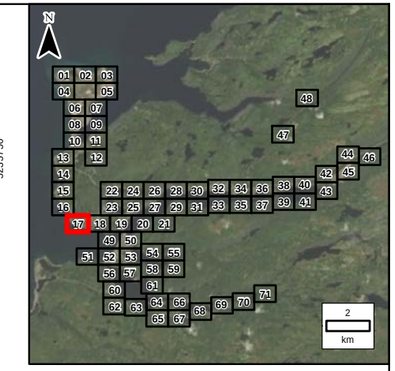

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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- River/Creek Centreline
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- Placentia Flood Wall
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-17

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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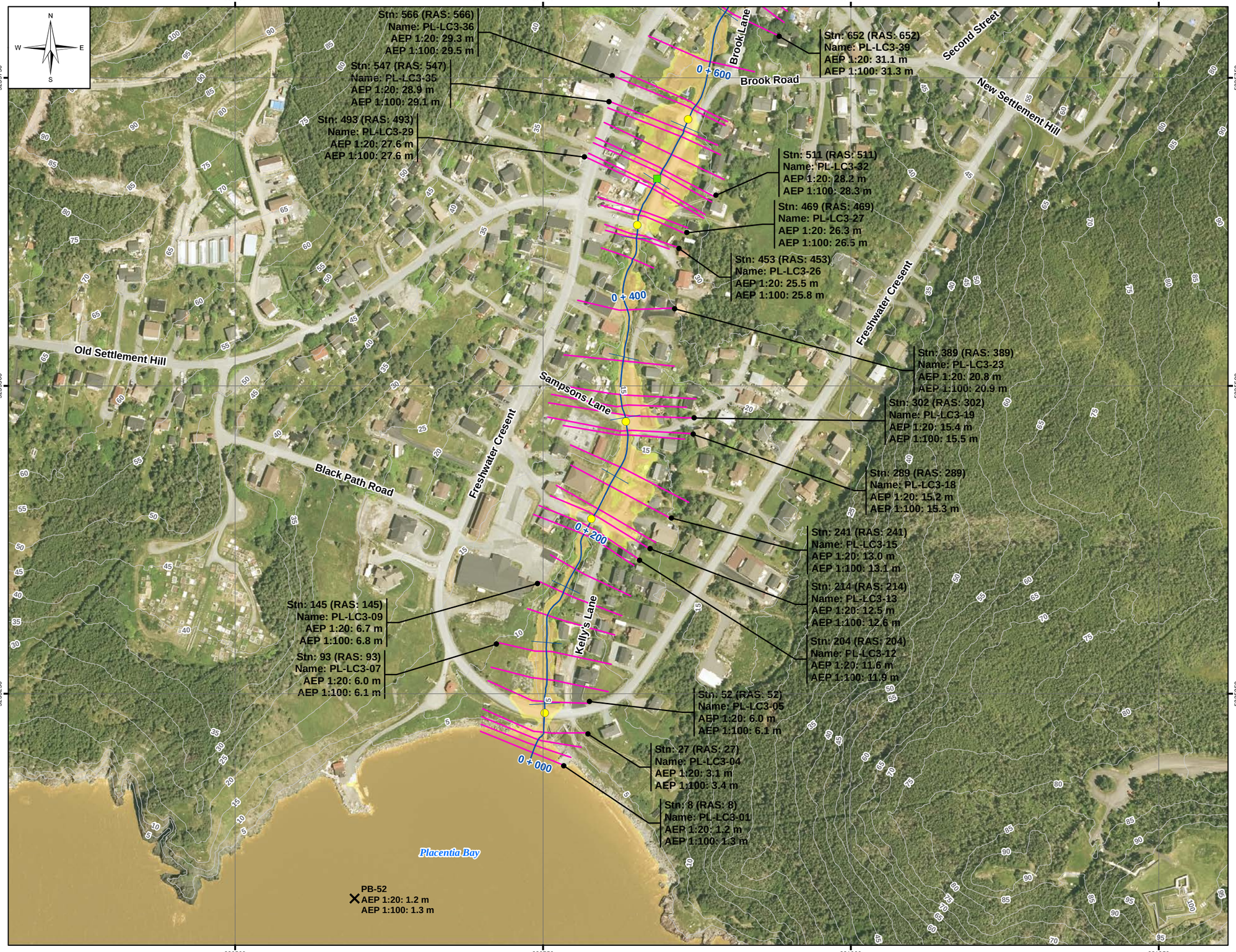

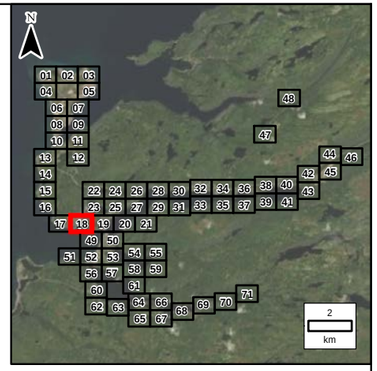

LEGEND:

- Cross Section (Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-18

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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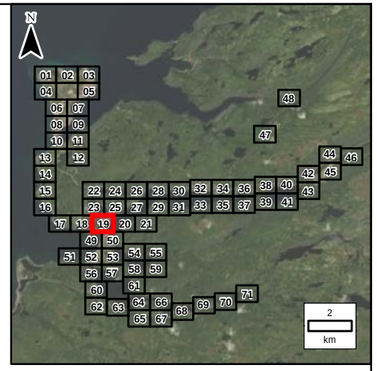

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-19

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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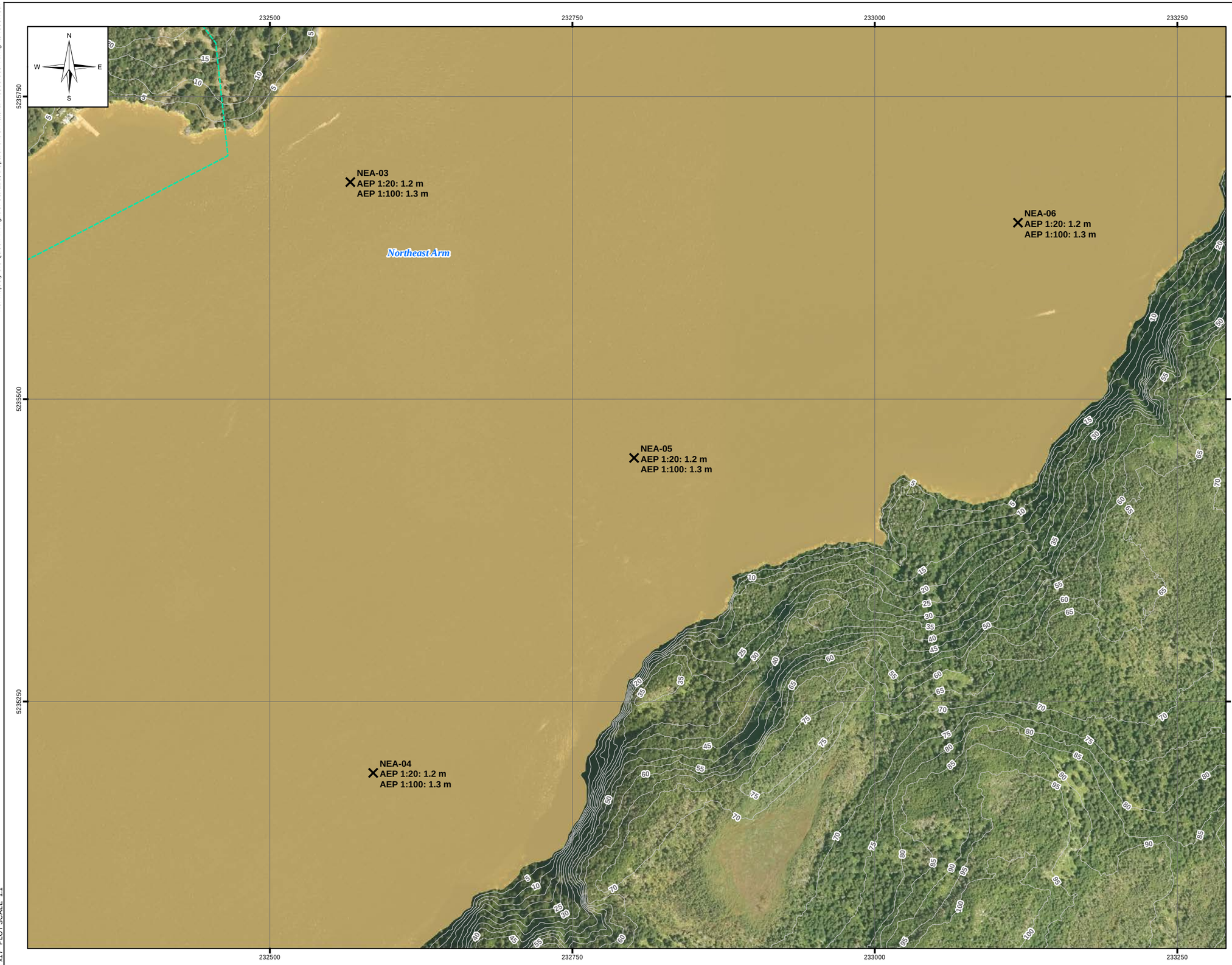

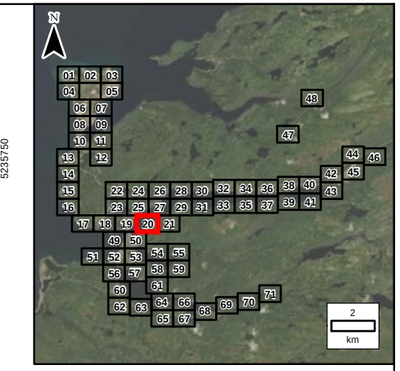

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-20

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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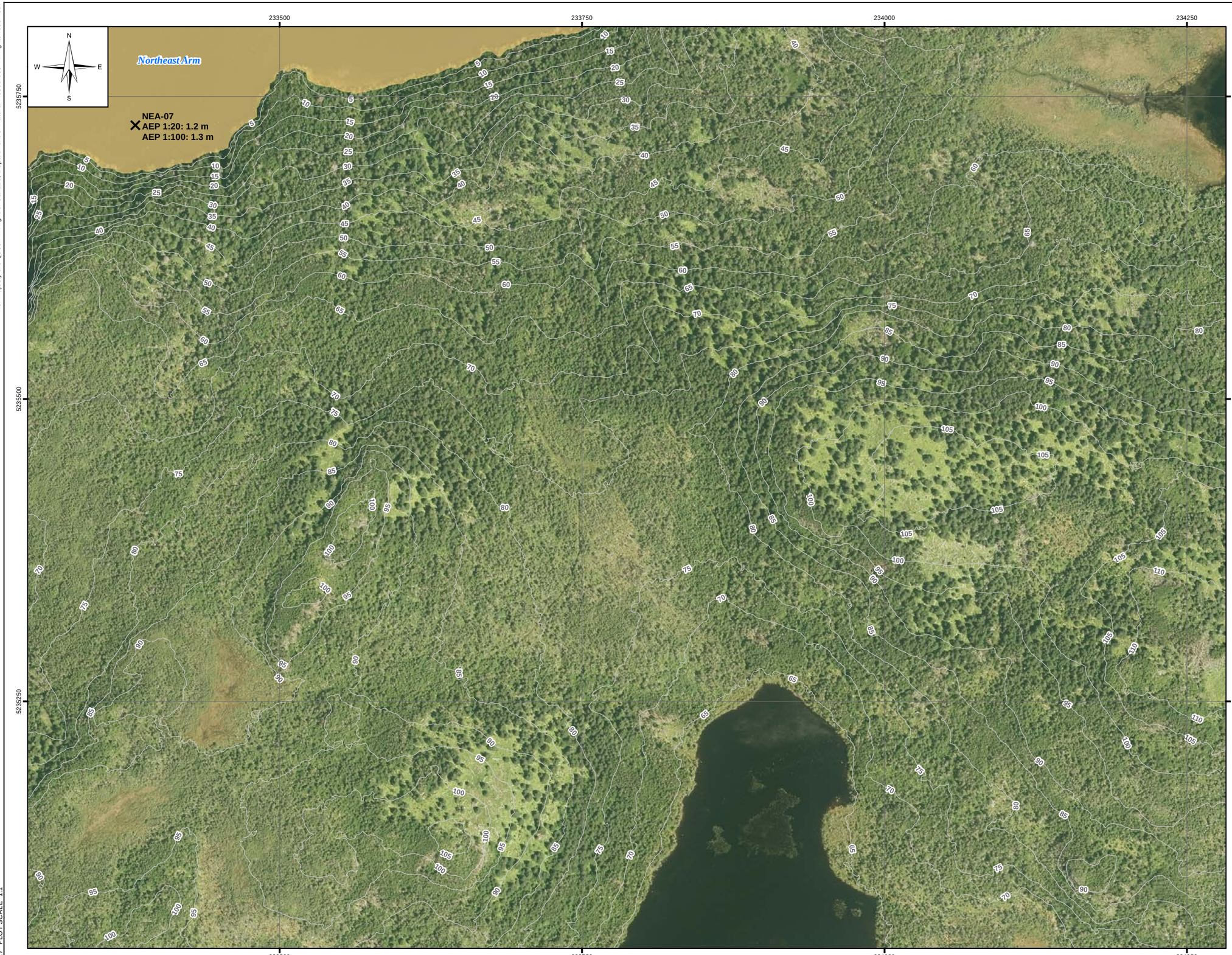

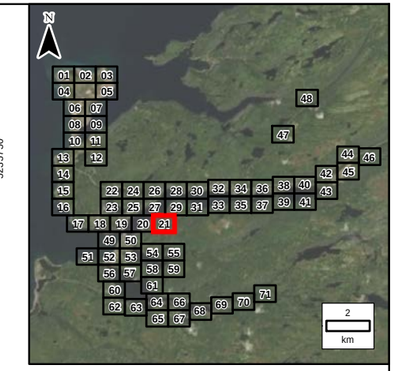

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-21

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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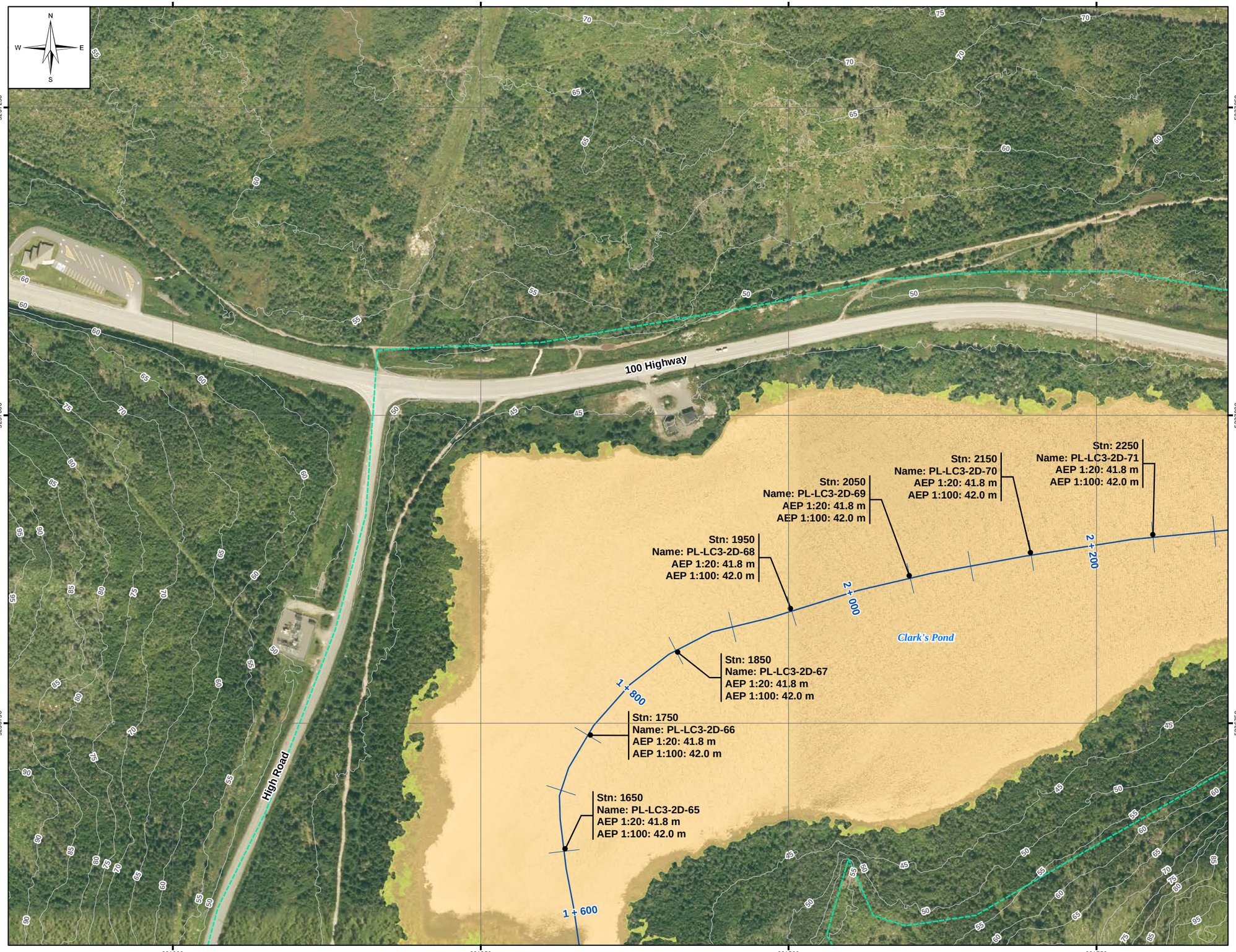

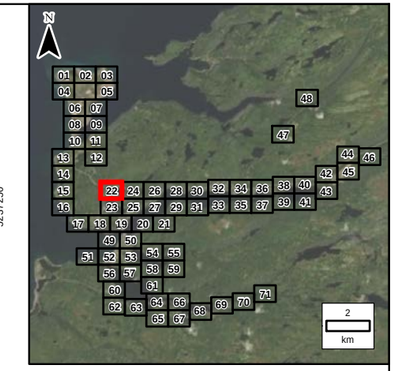

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-22

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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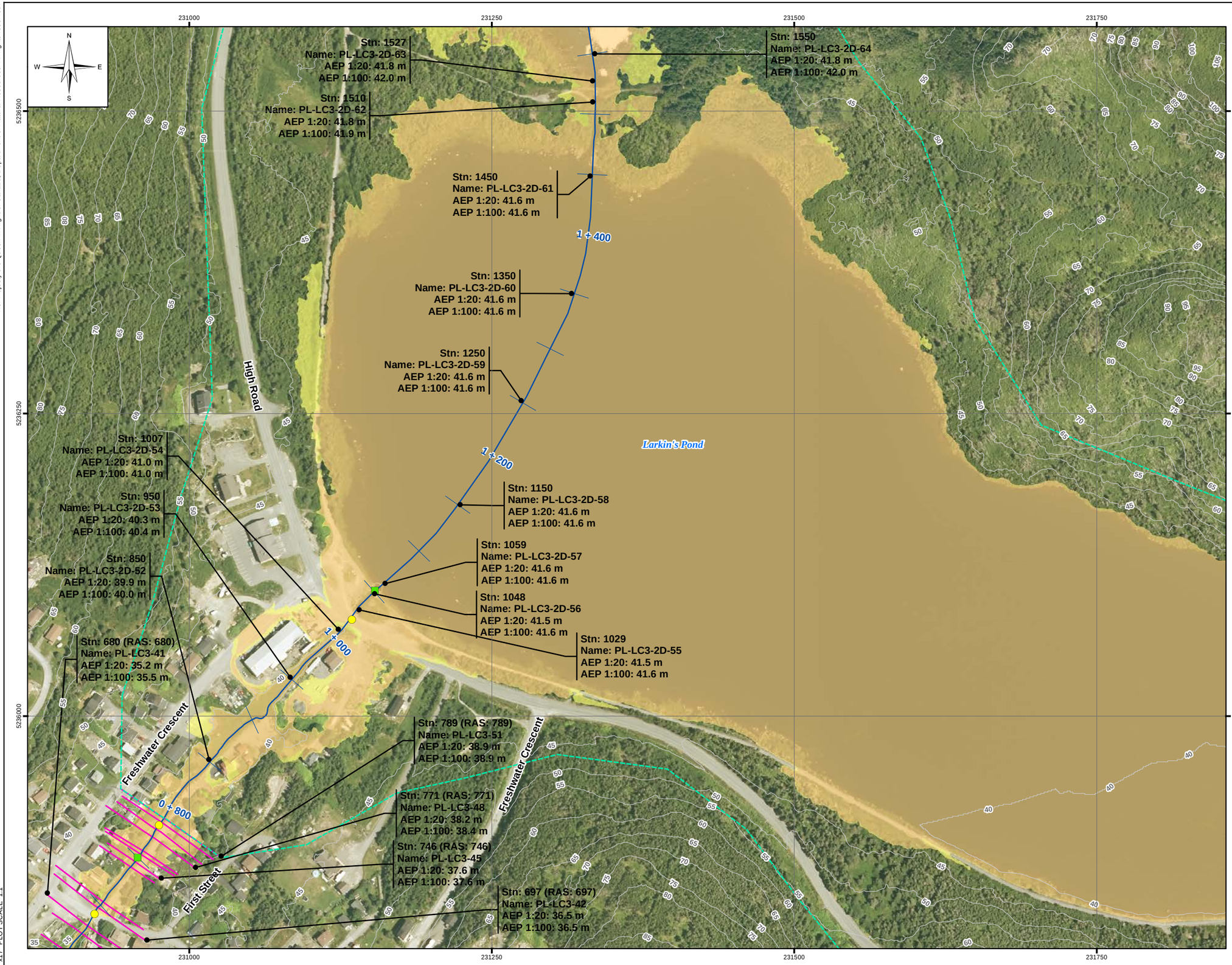

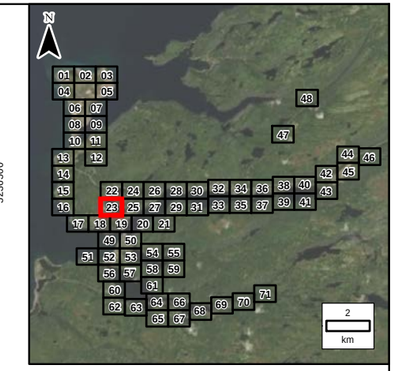

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-23

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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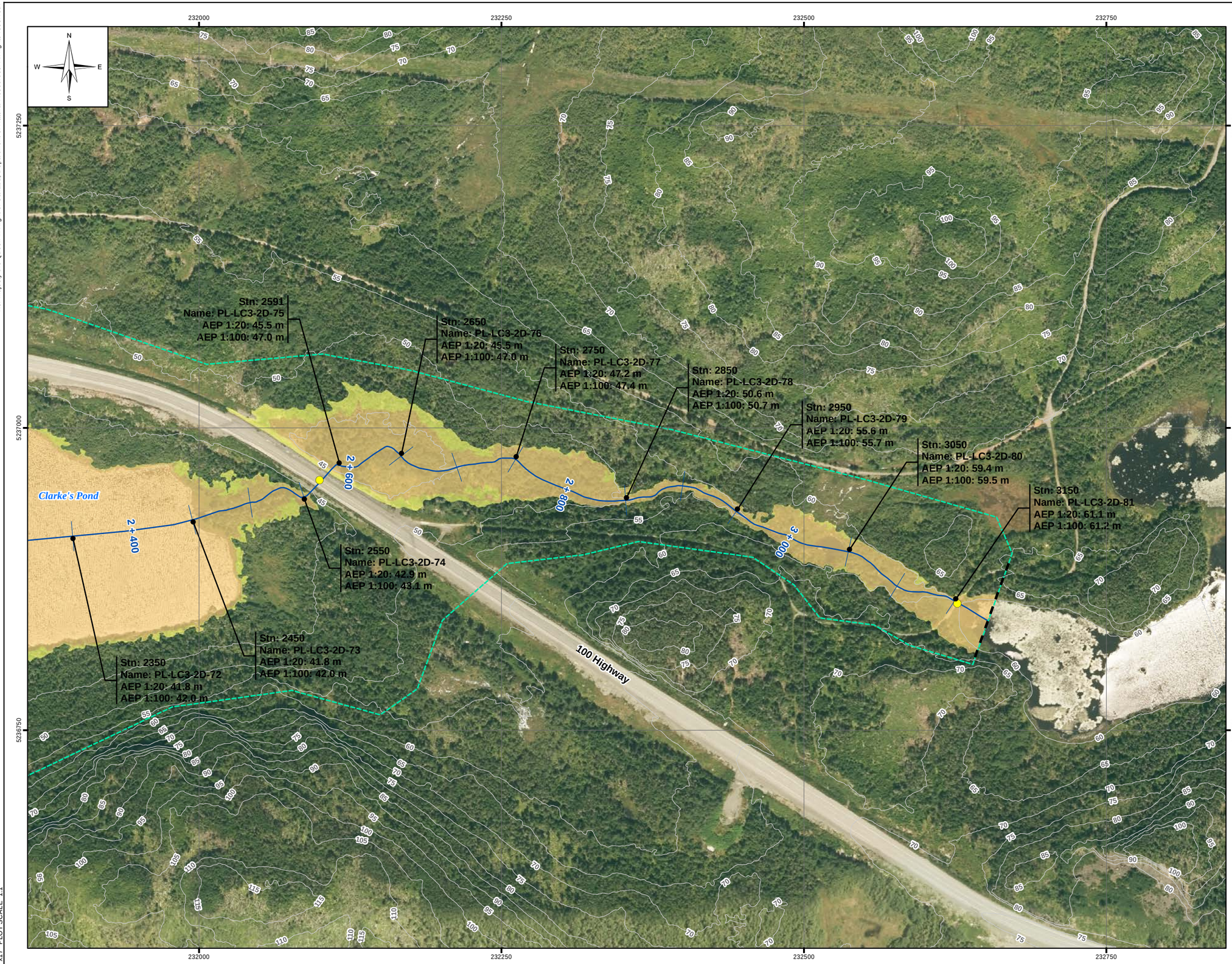

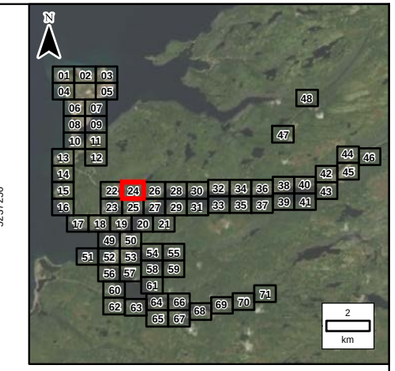

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-24

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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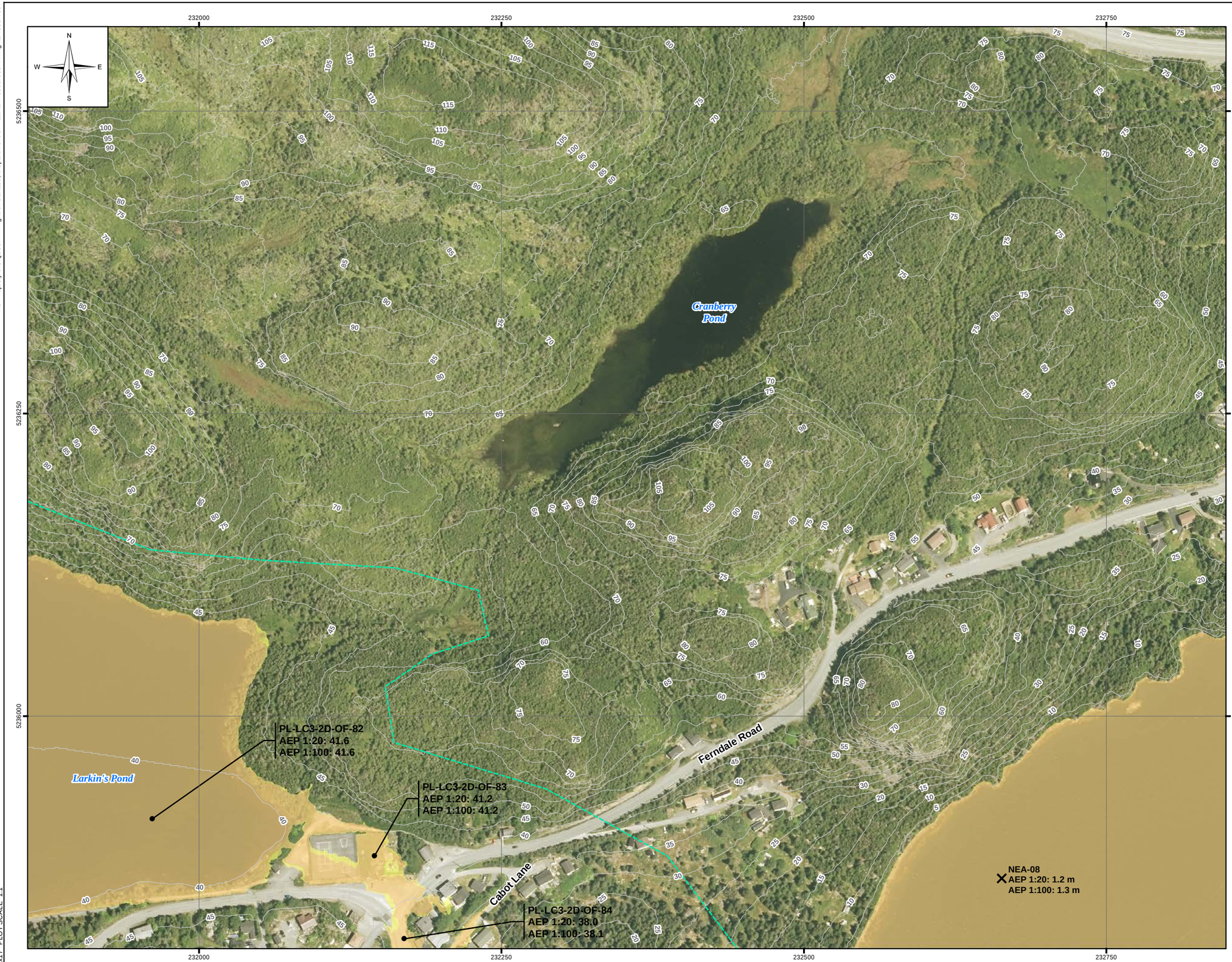

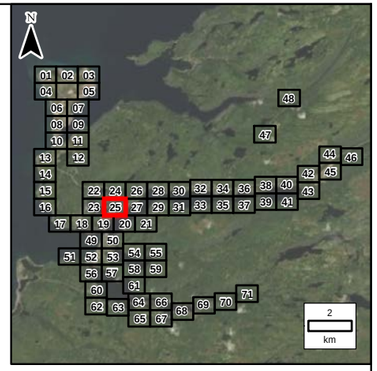

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-25

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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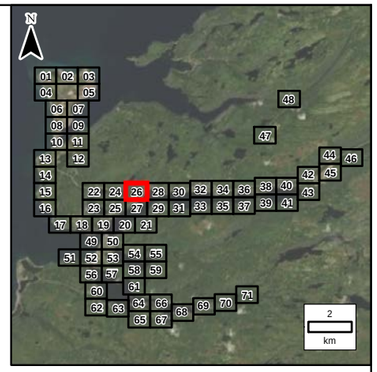

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-26

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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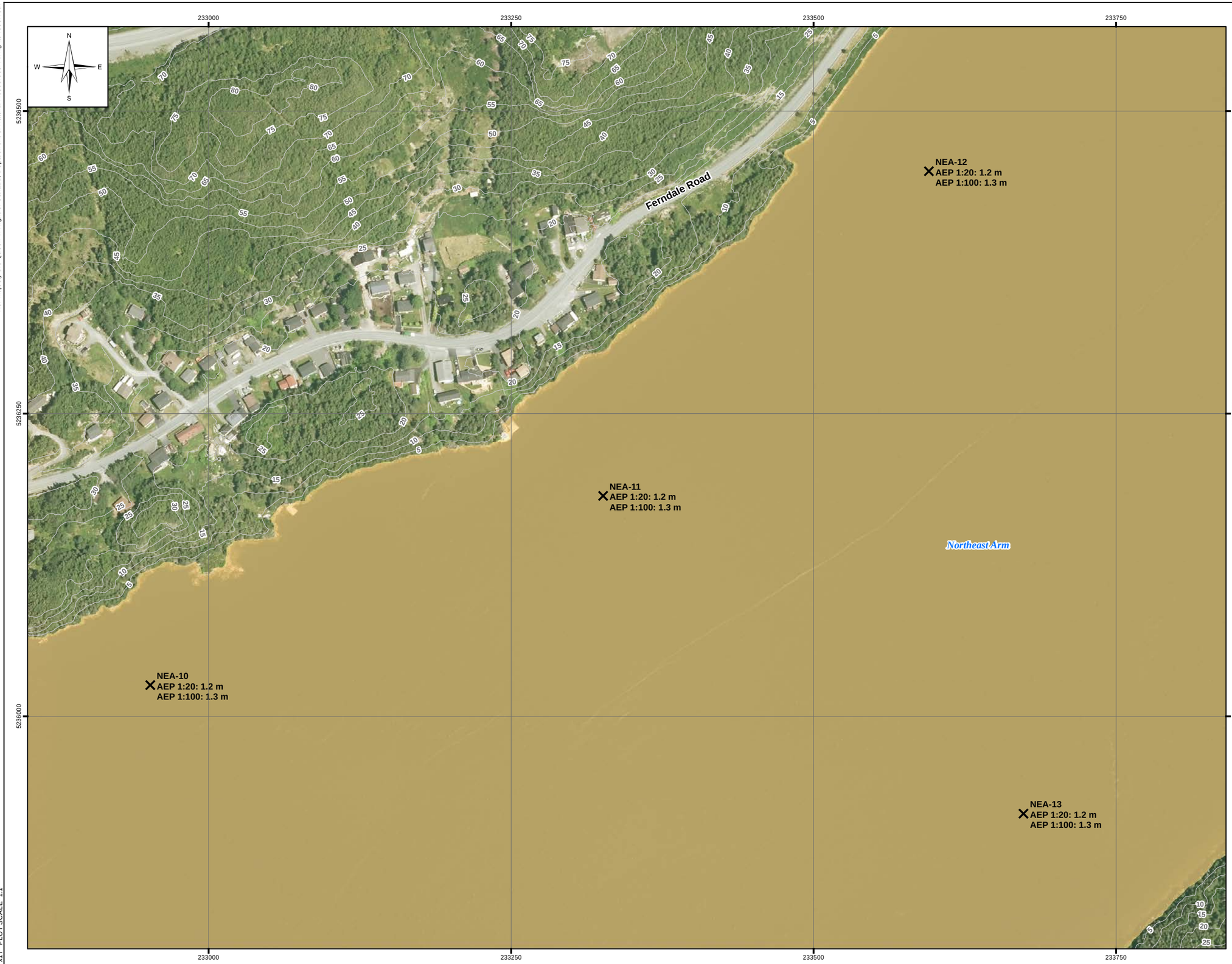

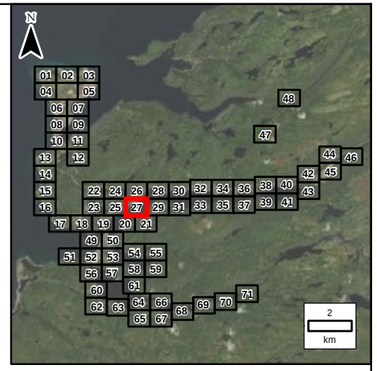

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-27

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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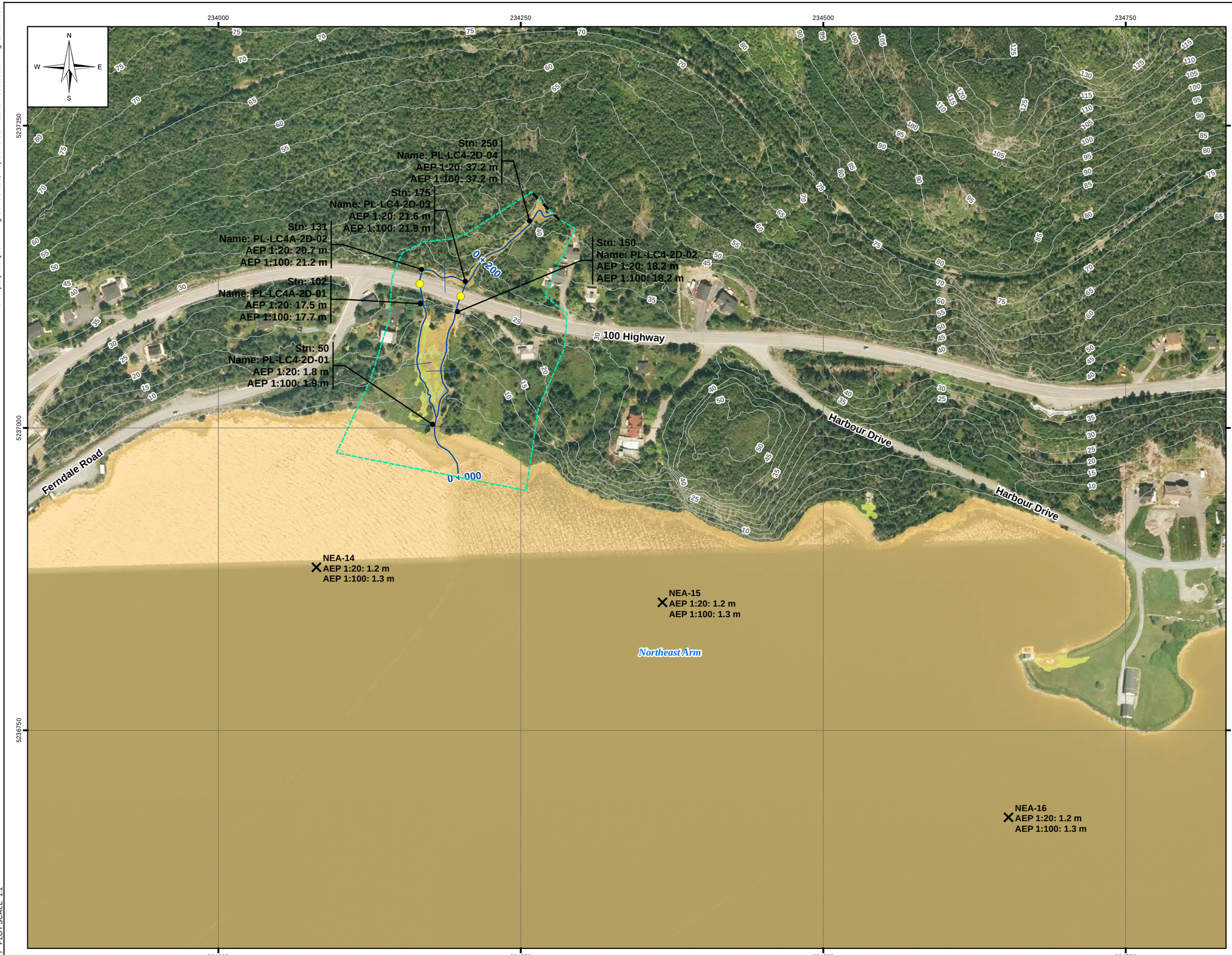

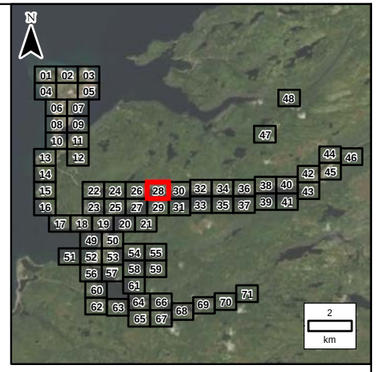

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-28

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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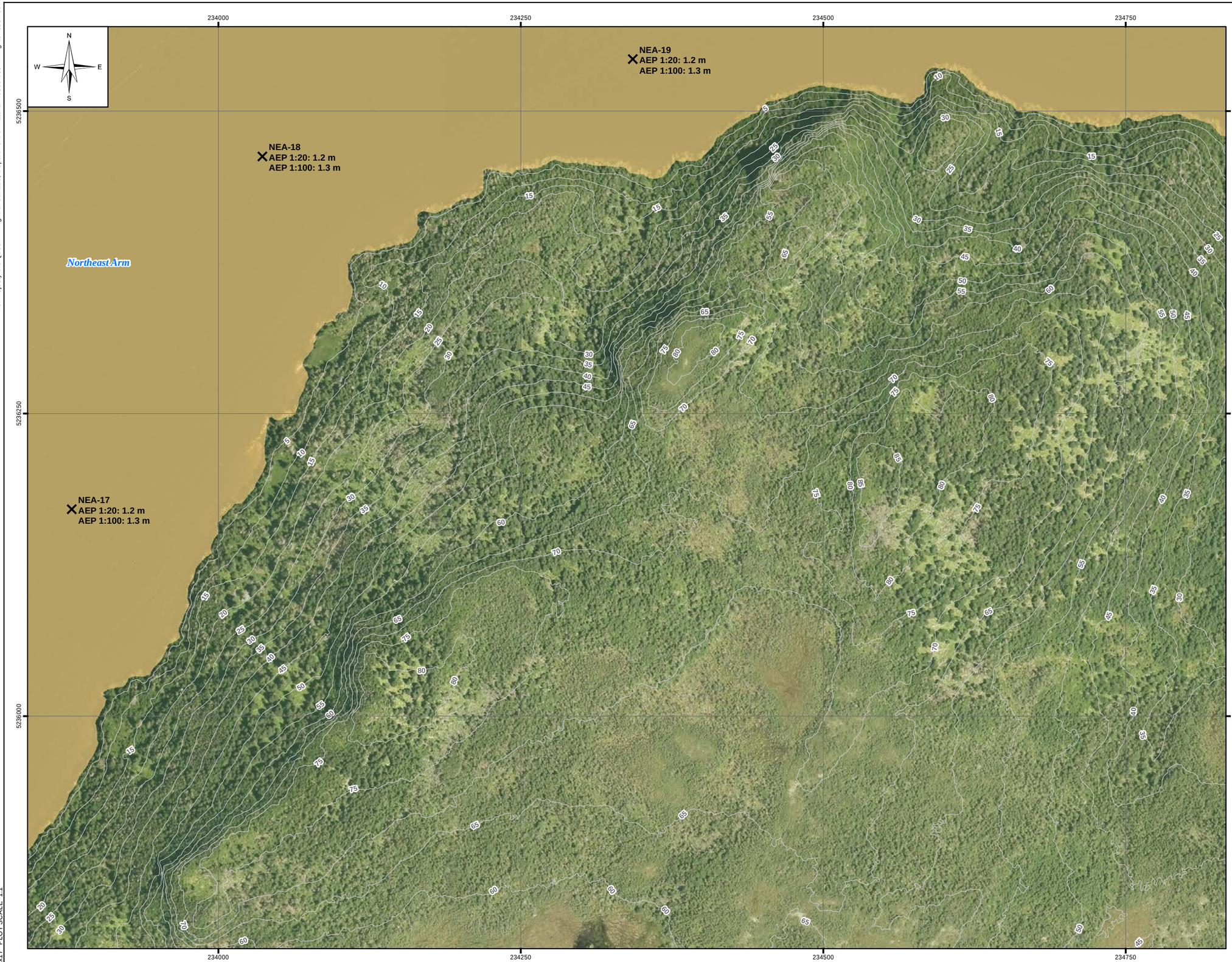

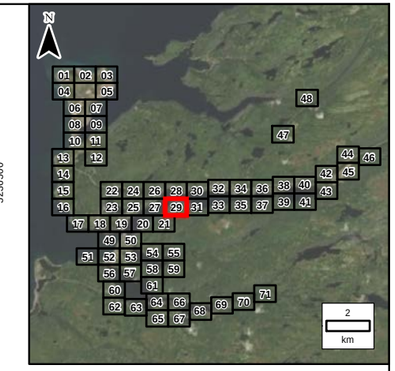

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-29

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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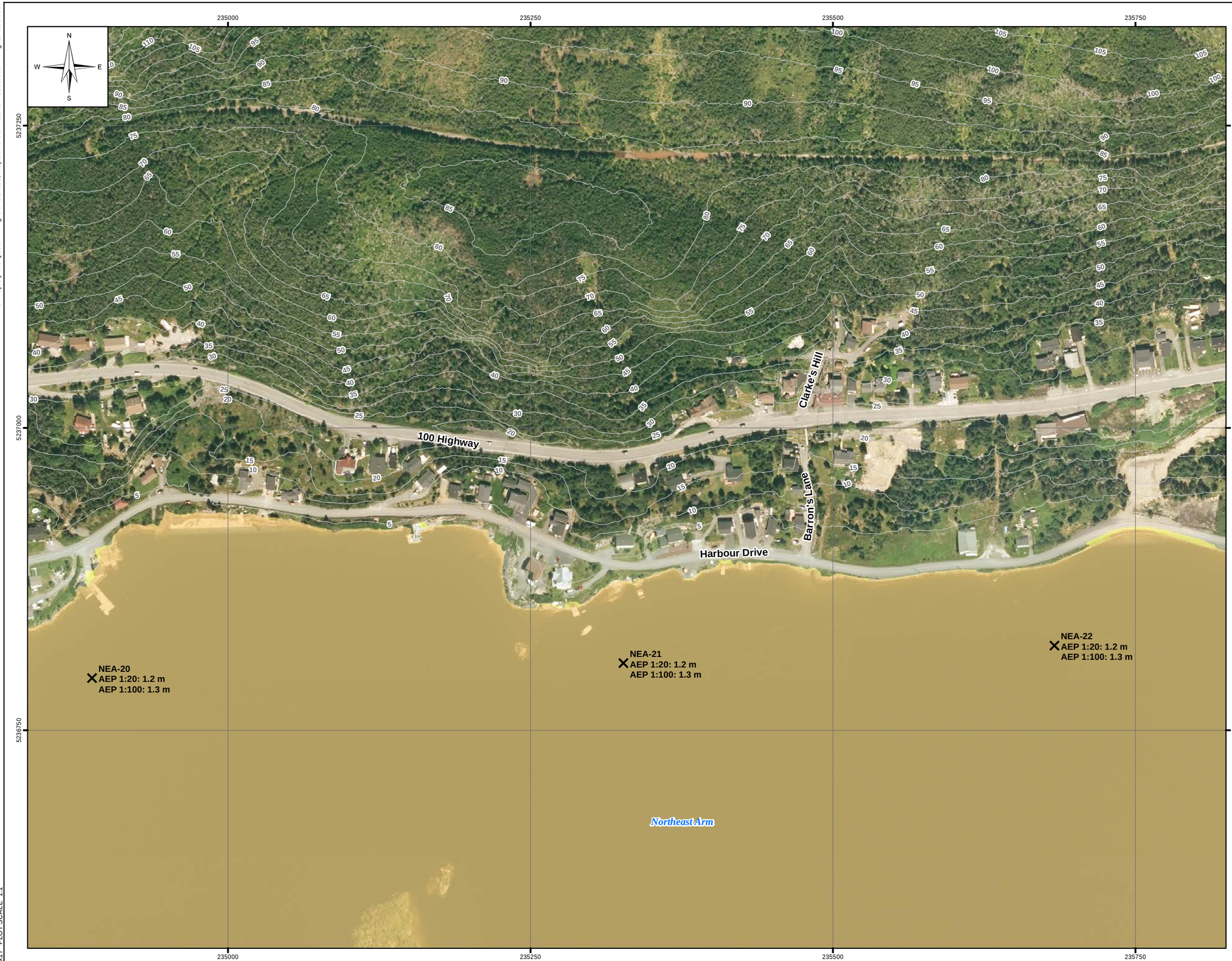

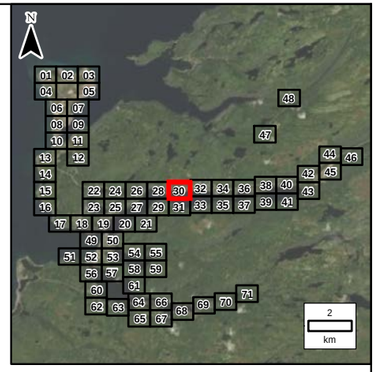

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-30

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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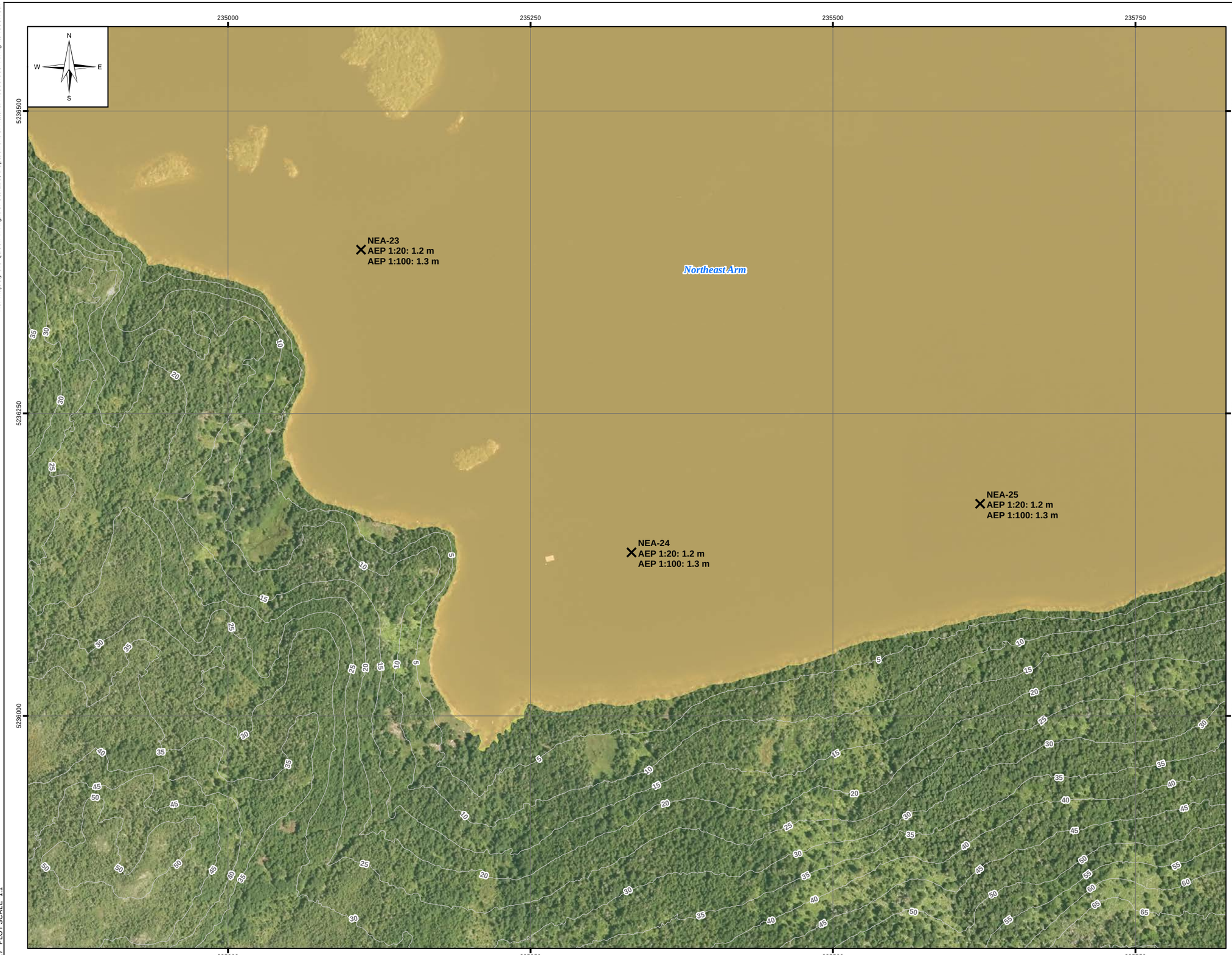

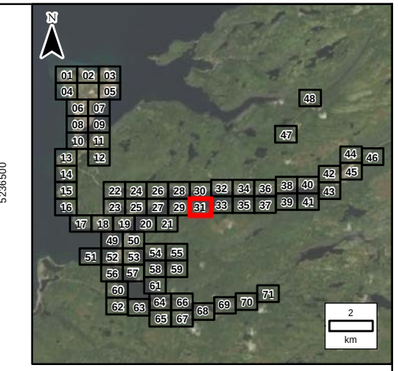

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-31

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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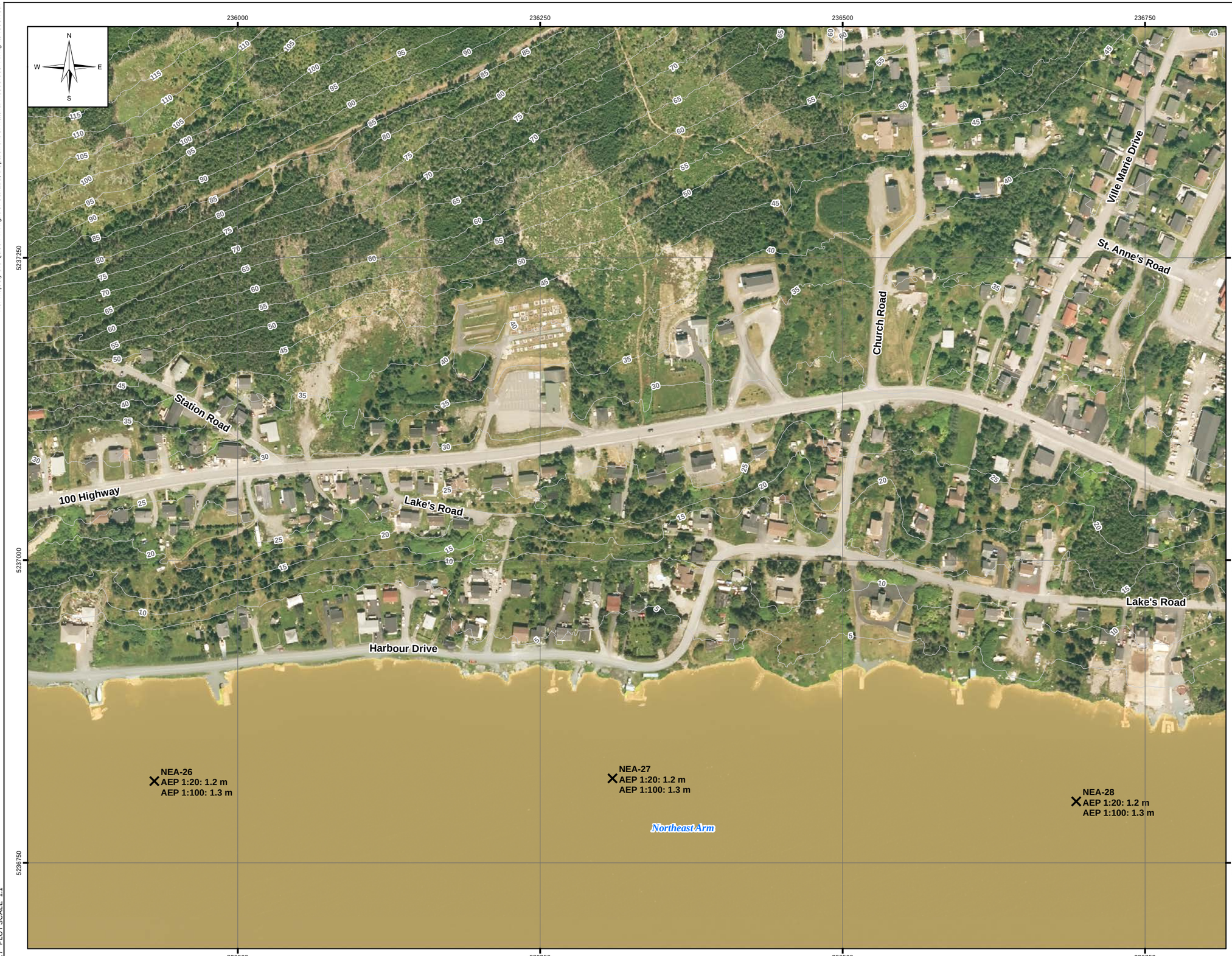

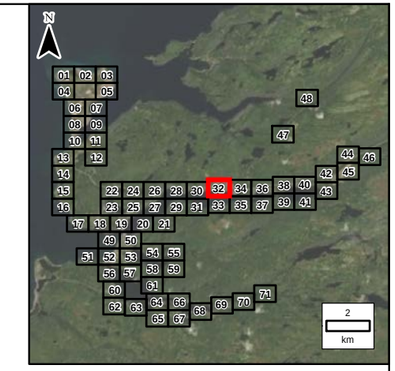

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-32

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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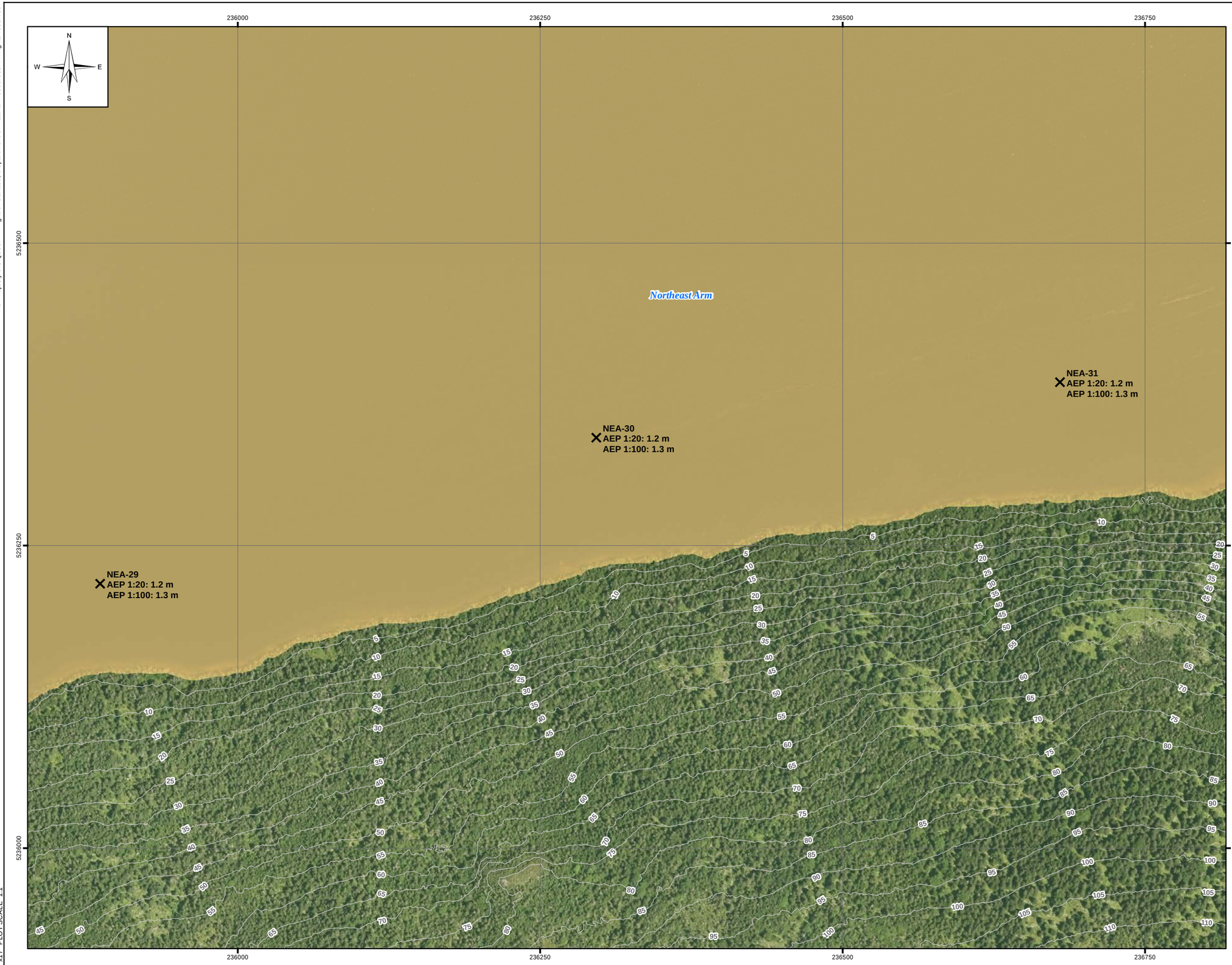

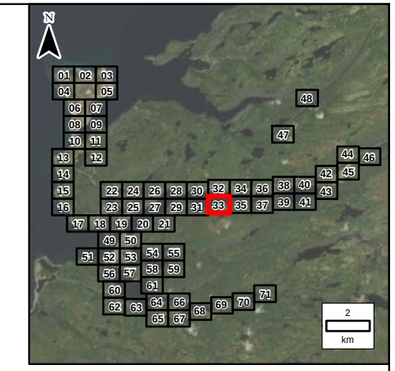

LEGEND:

- Sn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-33

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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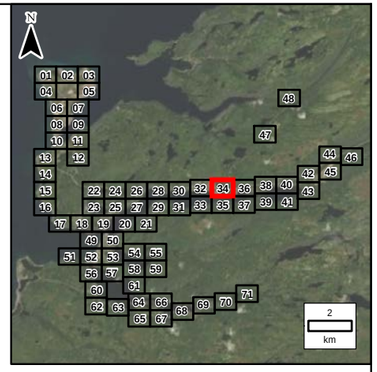

LEGEND:

- Cross Section (Stn: 771 (RAS: 771), Name: PL-LC3-48, AEP 1:20: 38.2 m, AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029, Name: PL-LC3-2D-55, AEP 1:20: 41.5 m, AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32, AEP 1:20: 38.2 m, AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-34

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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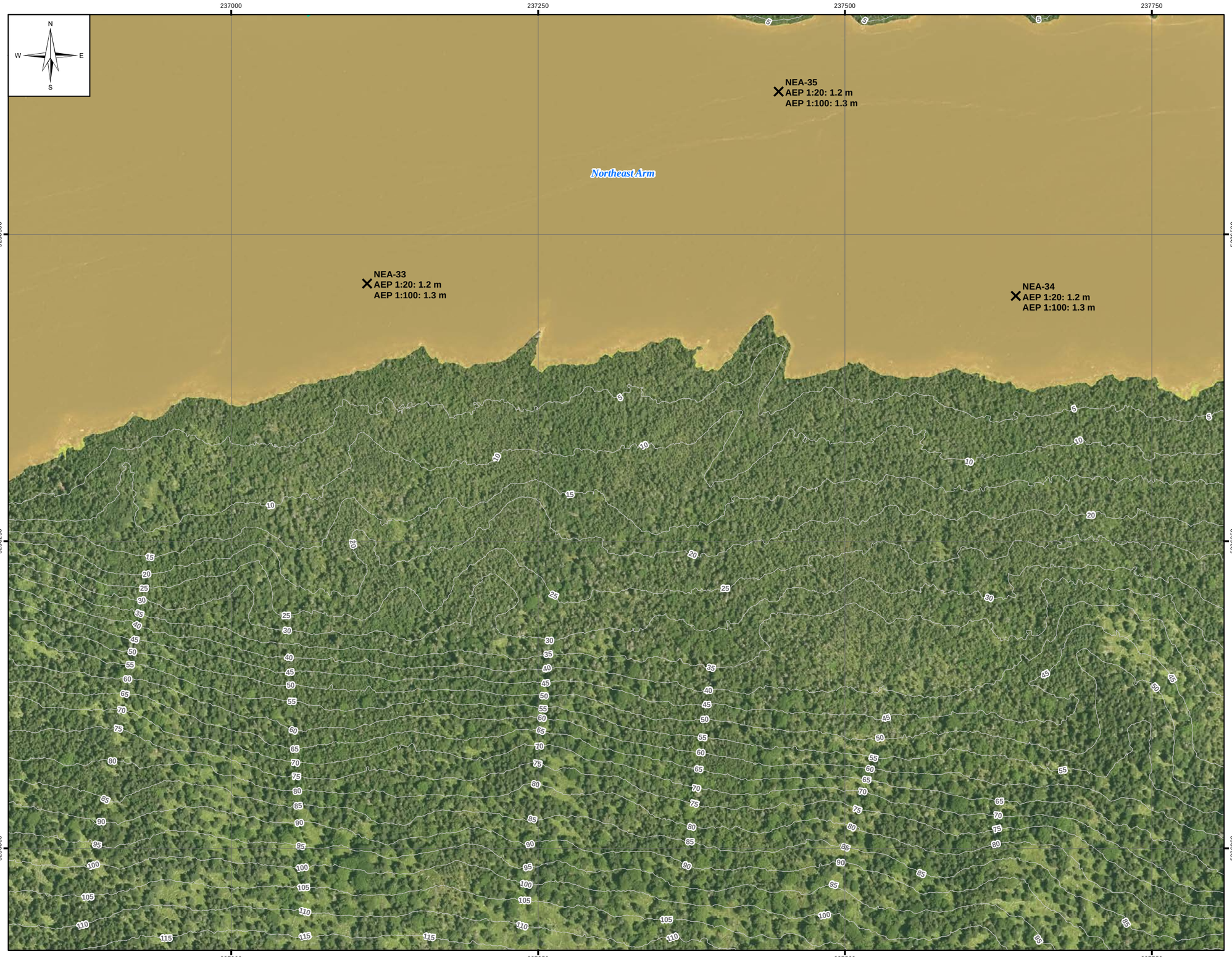

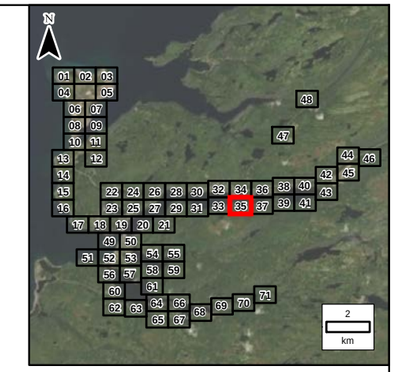

LEGEND:

- Sn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-35

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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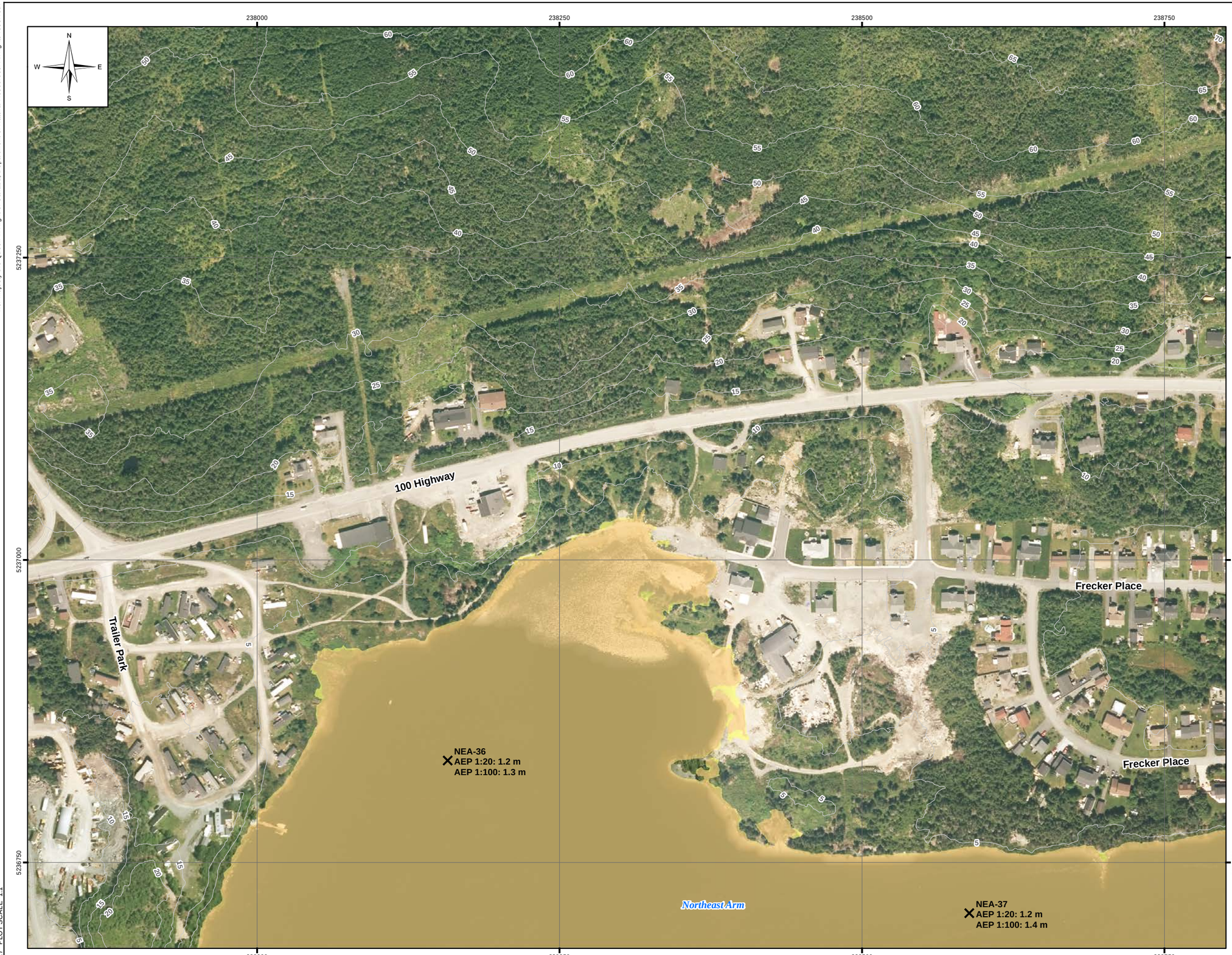

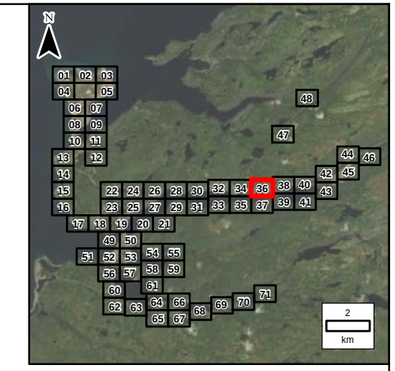

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-36

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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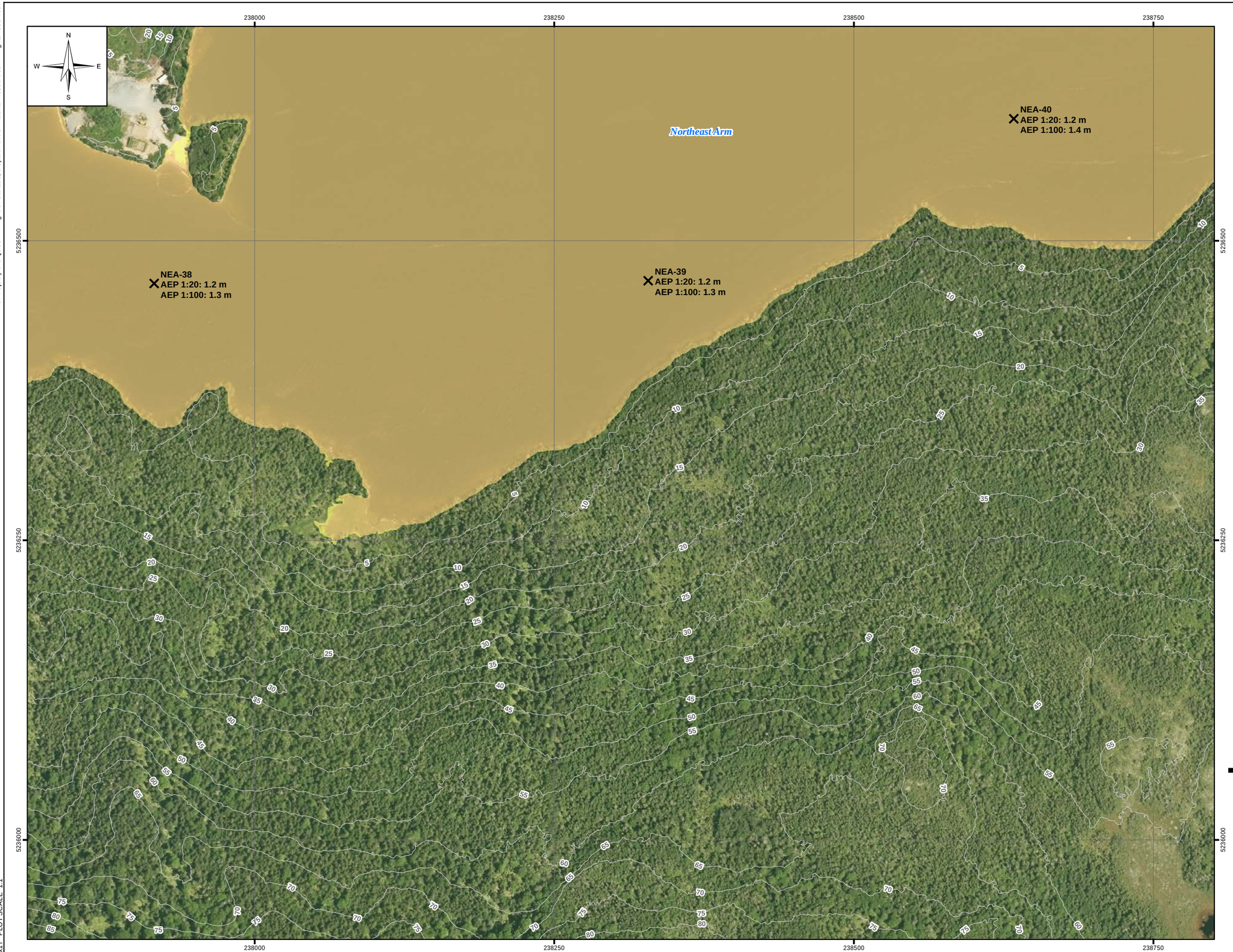

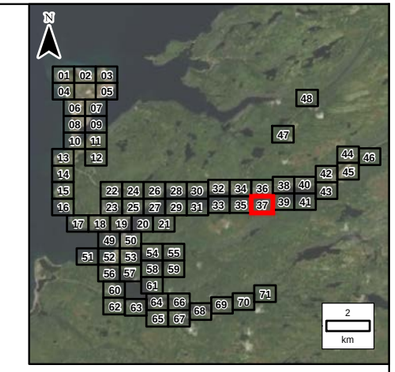

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-37

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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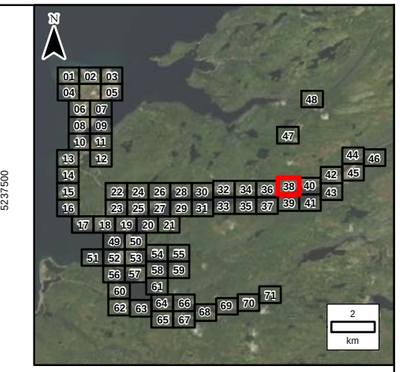

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-38

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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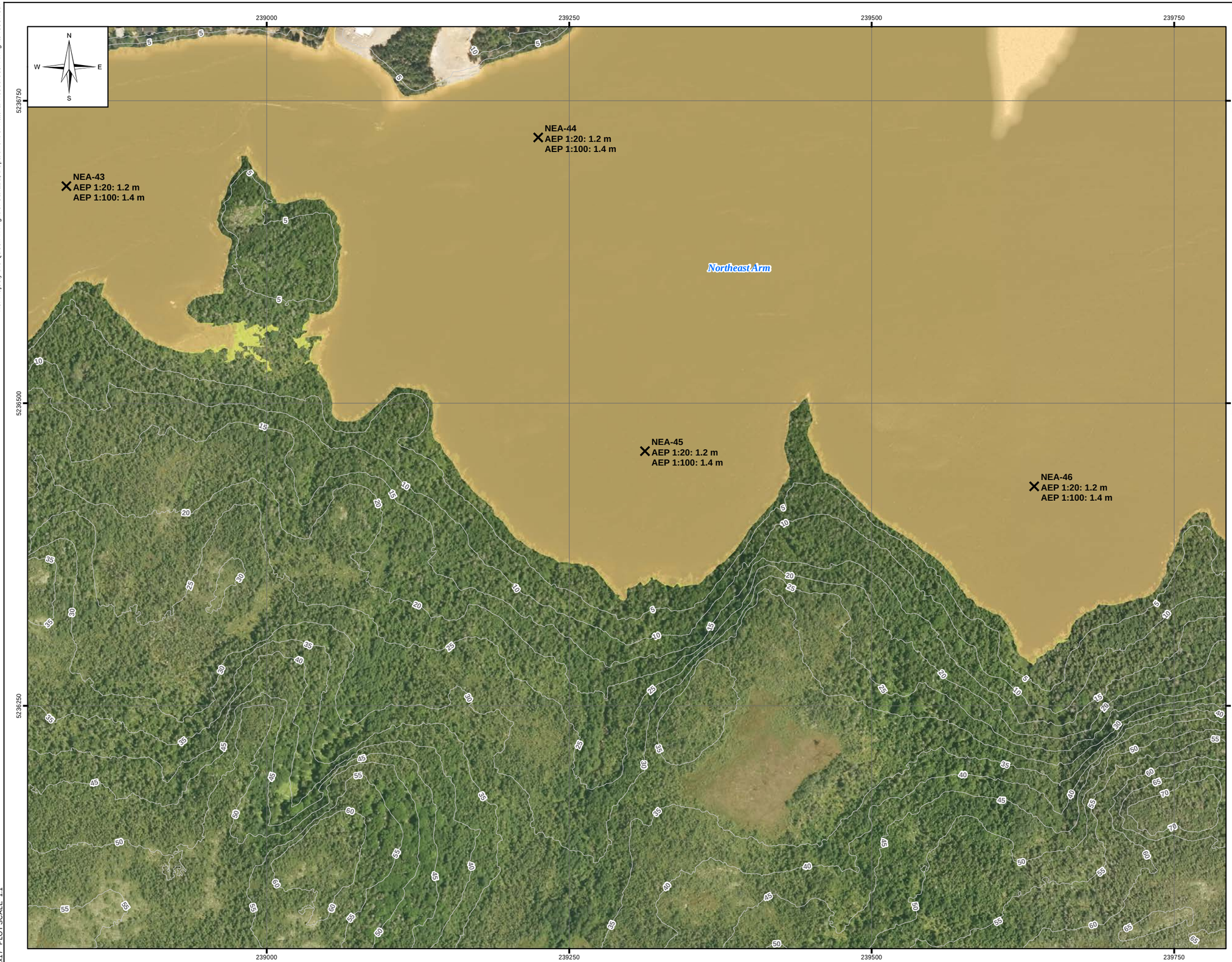

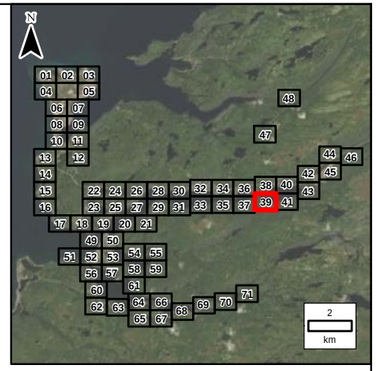

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-39

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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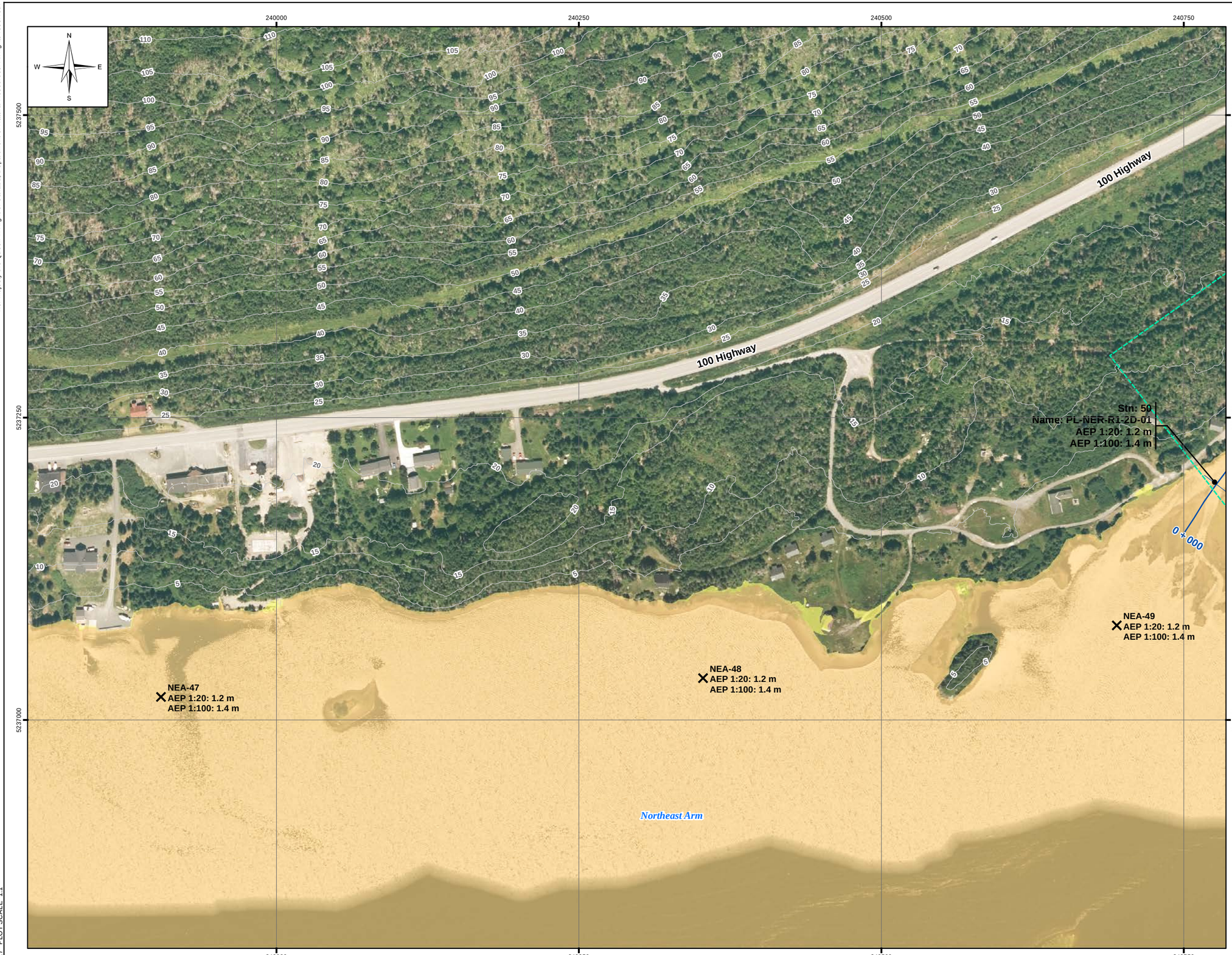

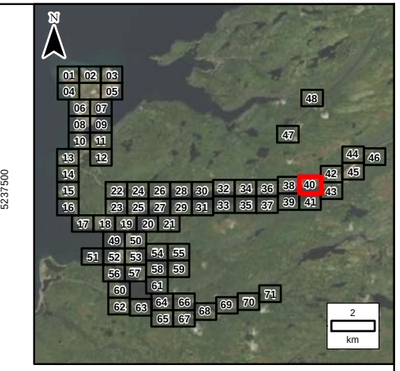

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-40

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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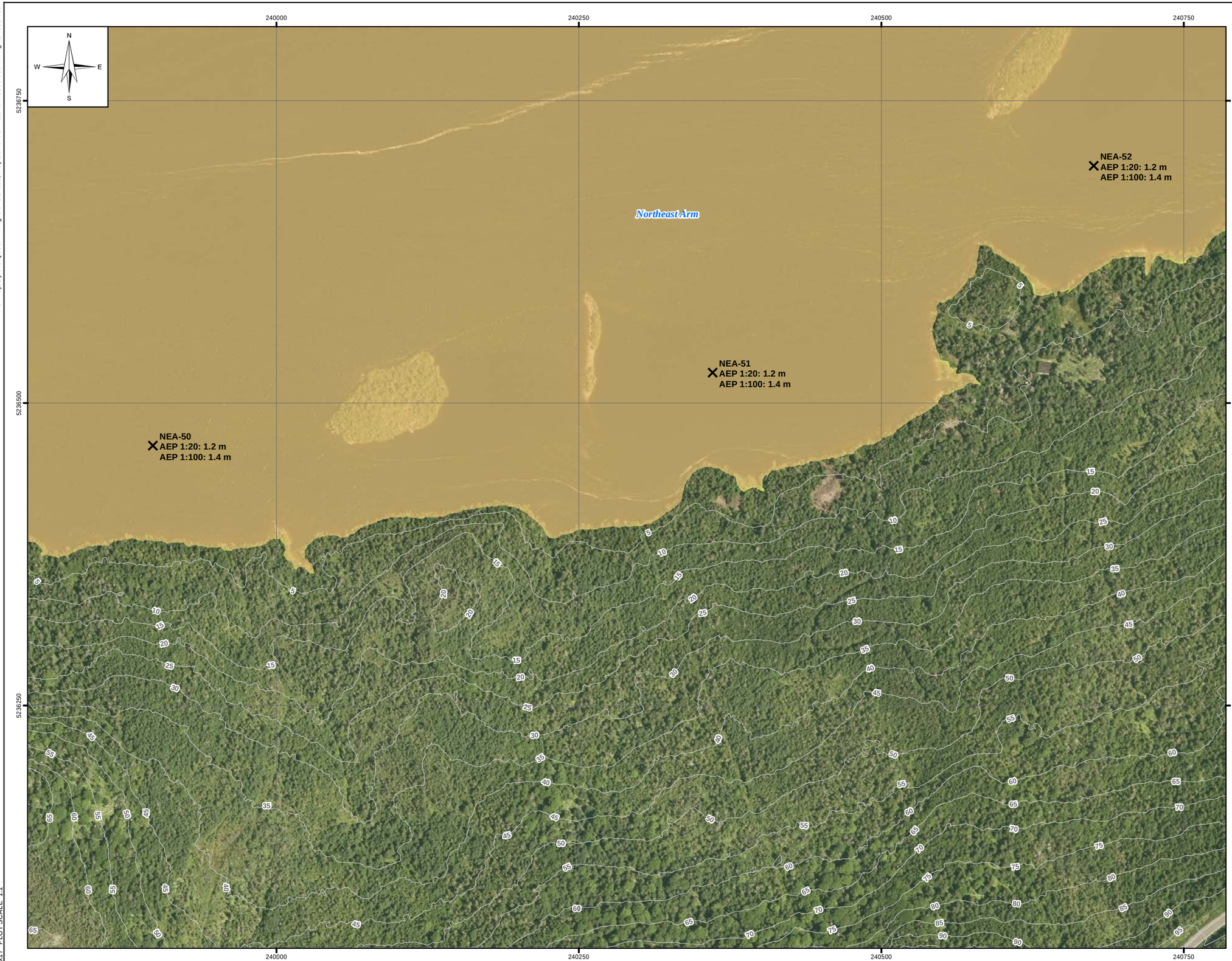

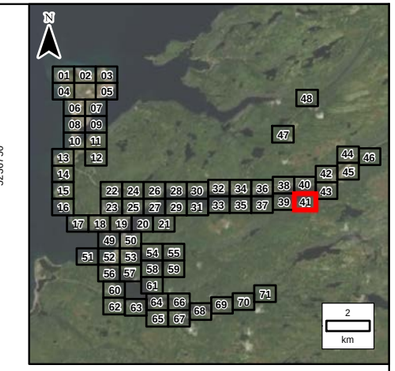

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-41

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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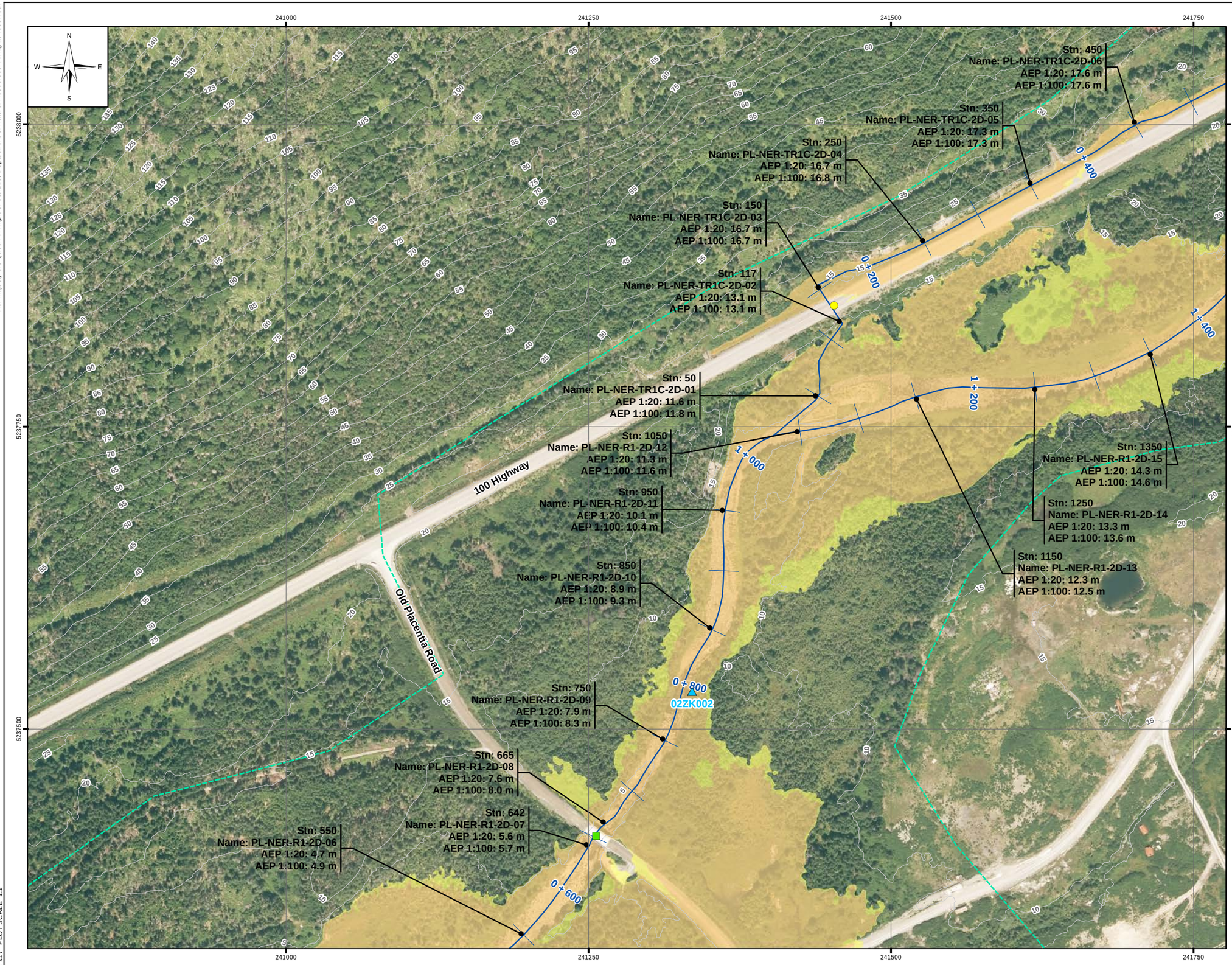

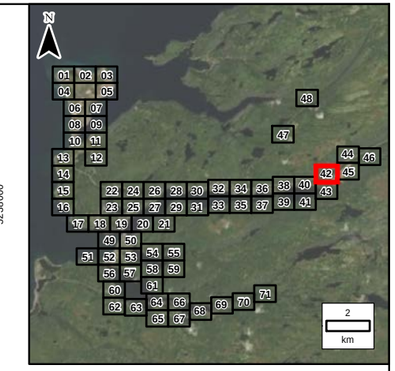

LEGEND:

- Cross Section (Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-42

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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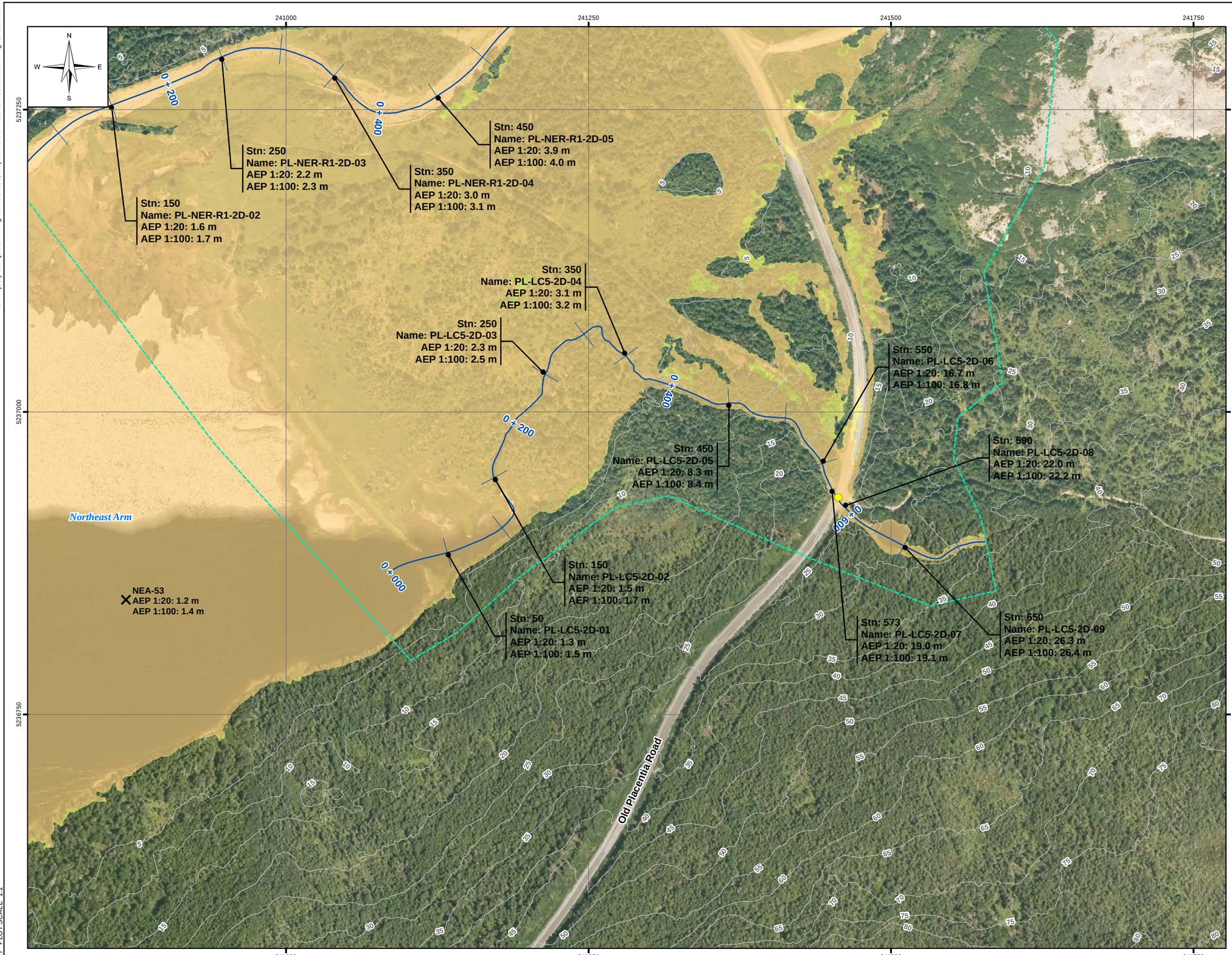

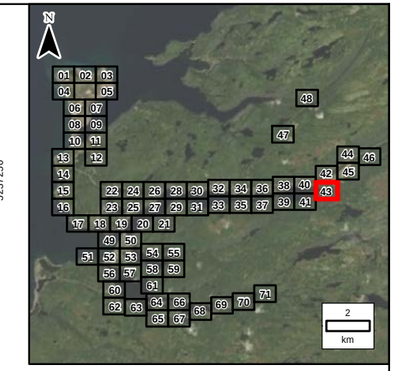

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-43

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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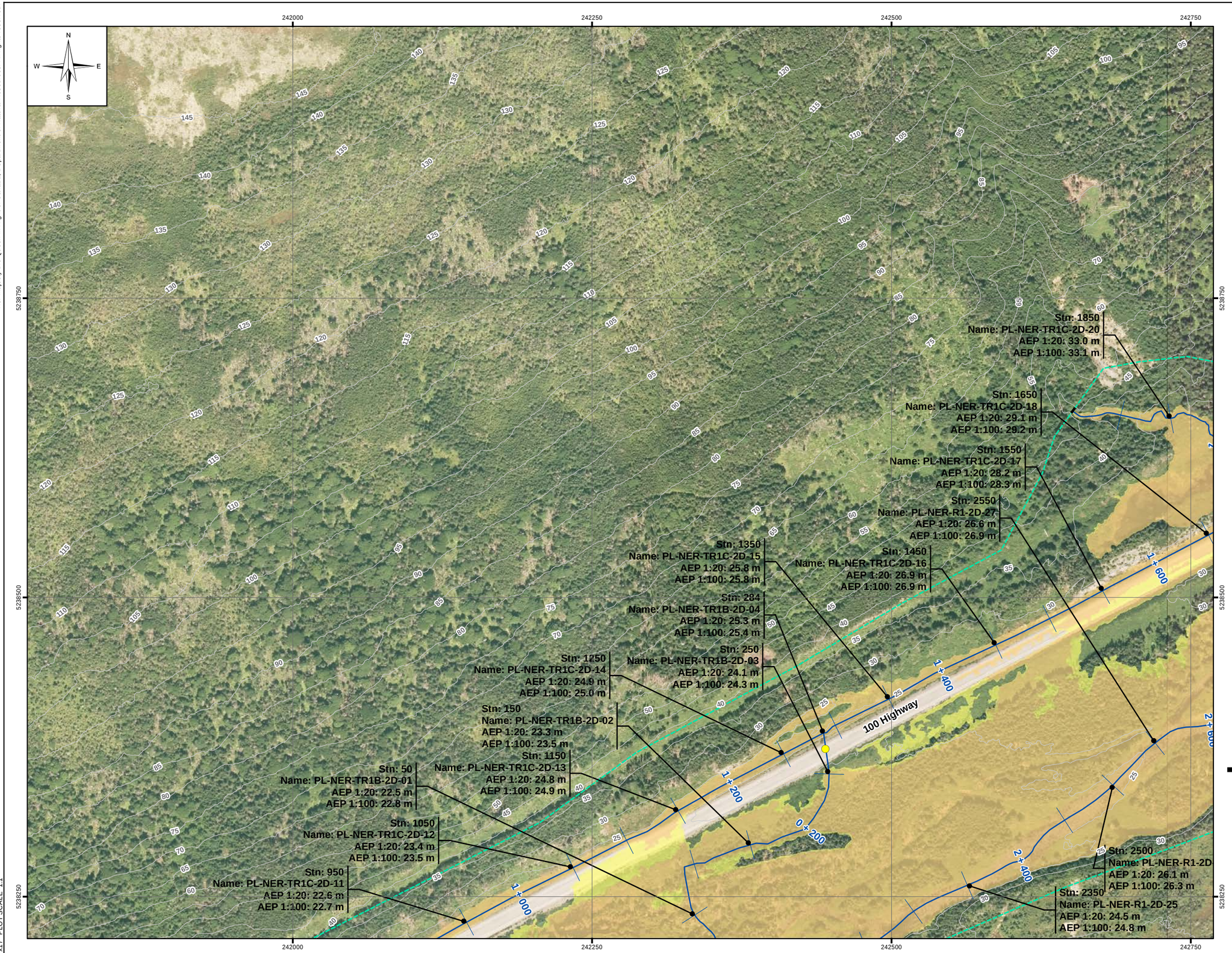

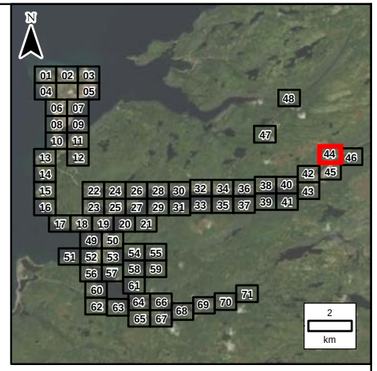

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-44

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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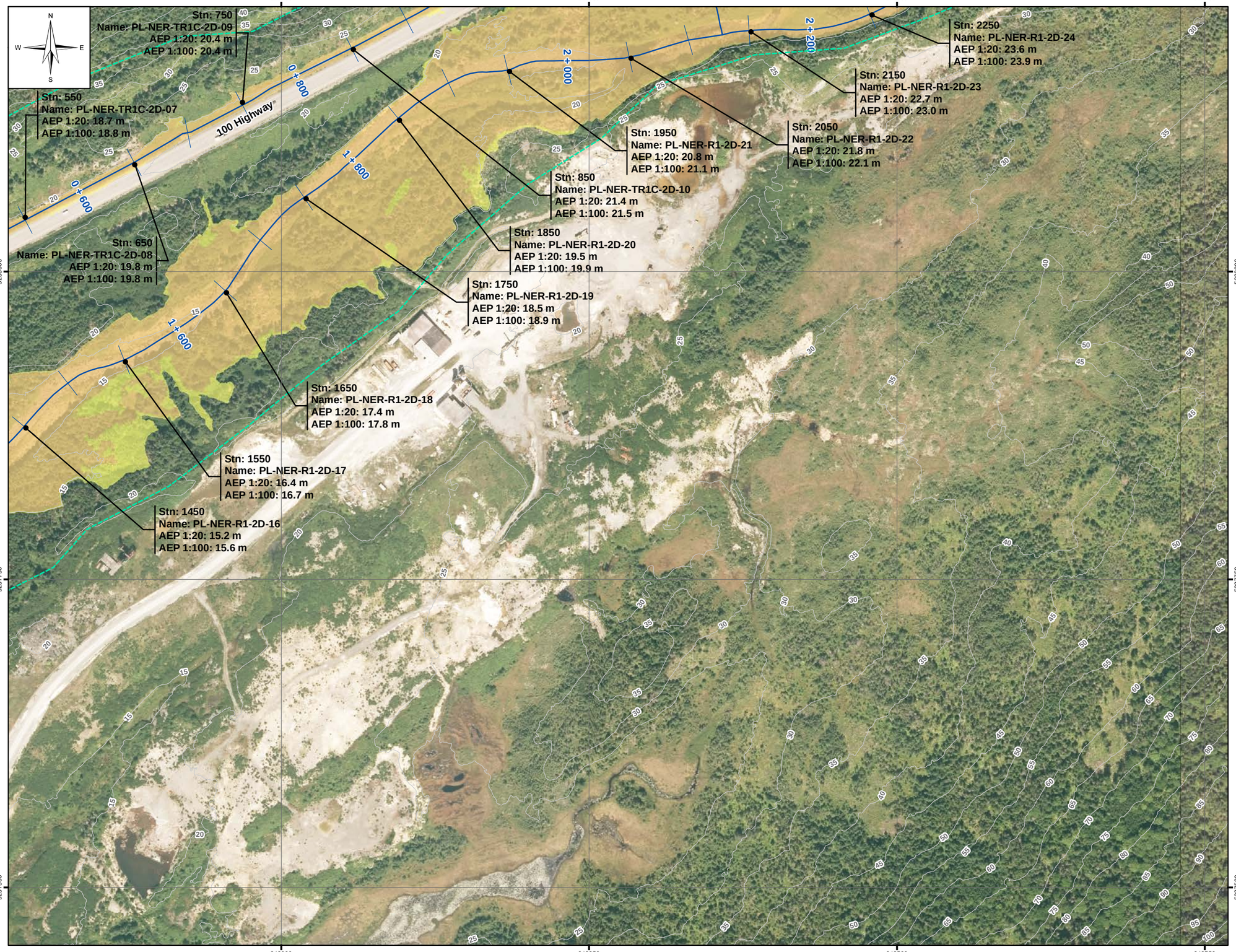

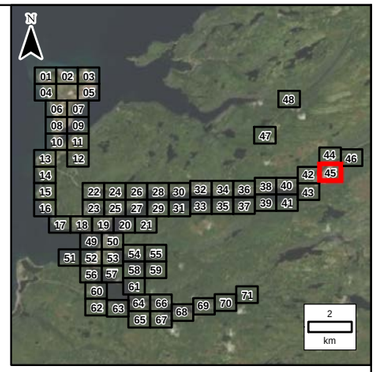

LEGEND:

- Cross Section (Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-45

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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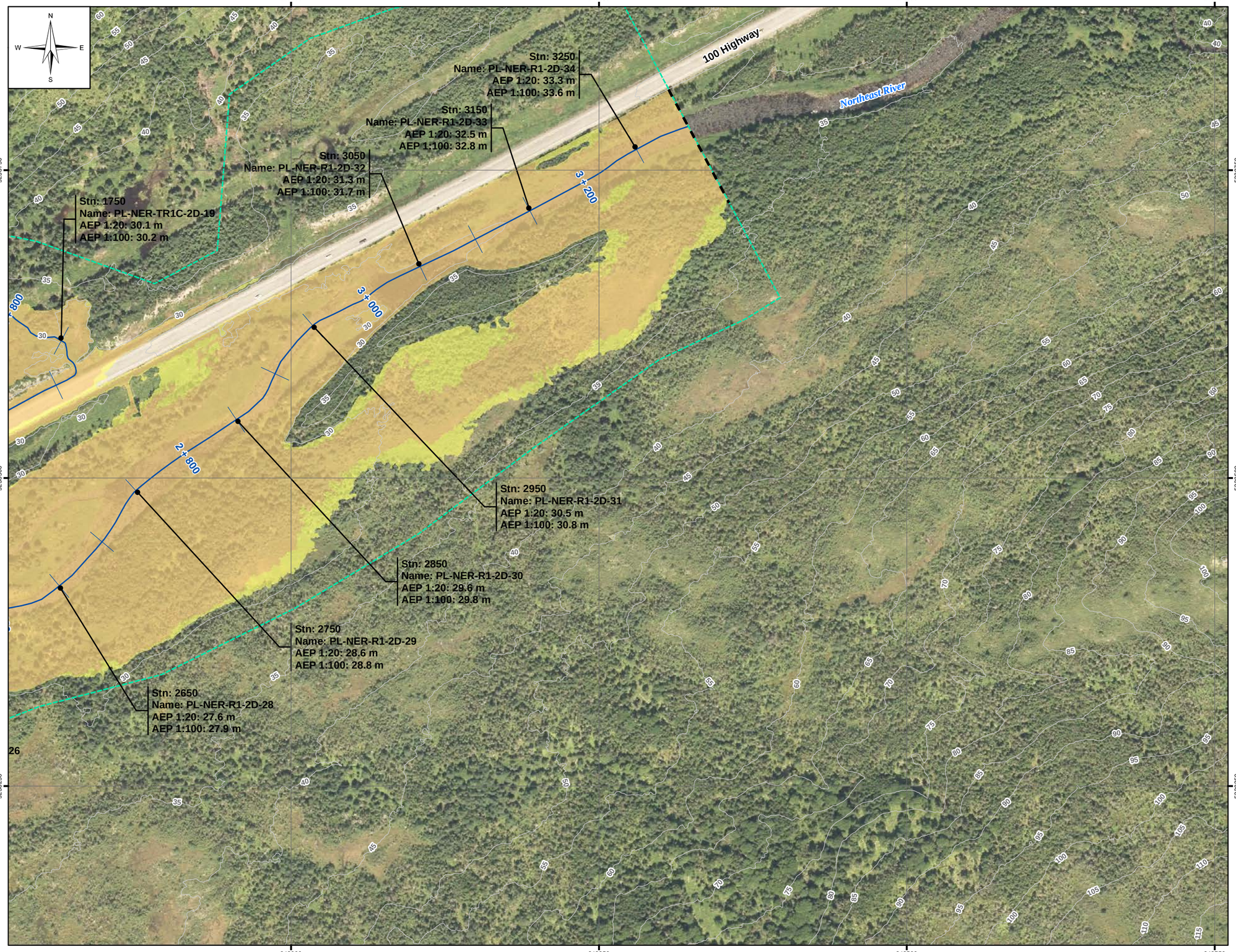

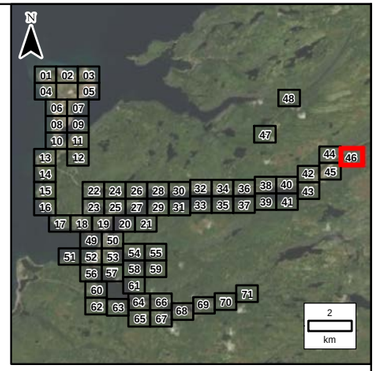

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-46

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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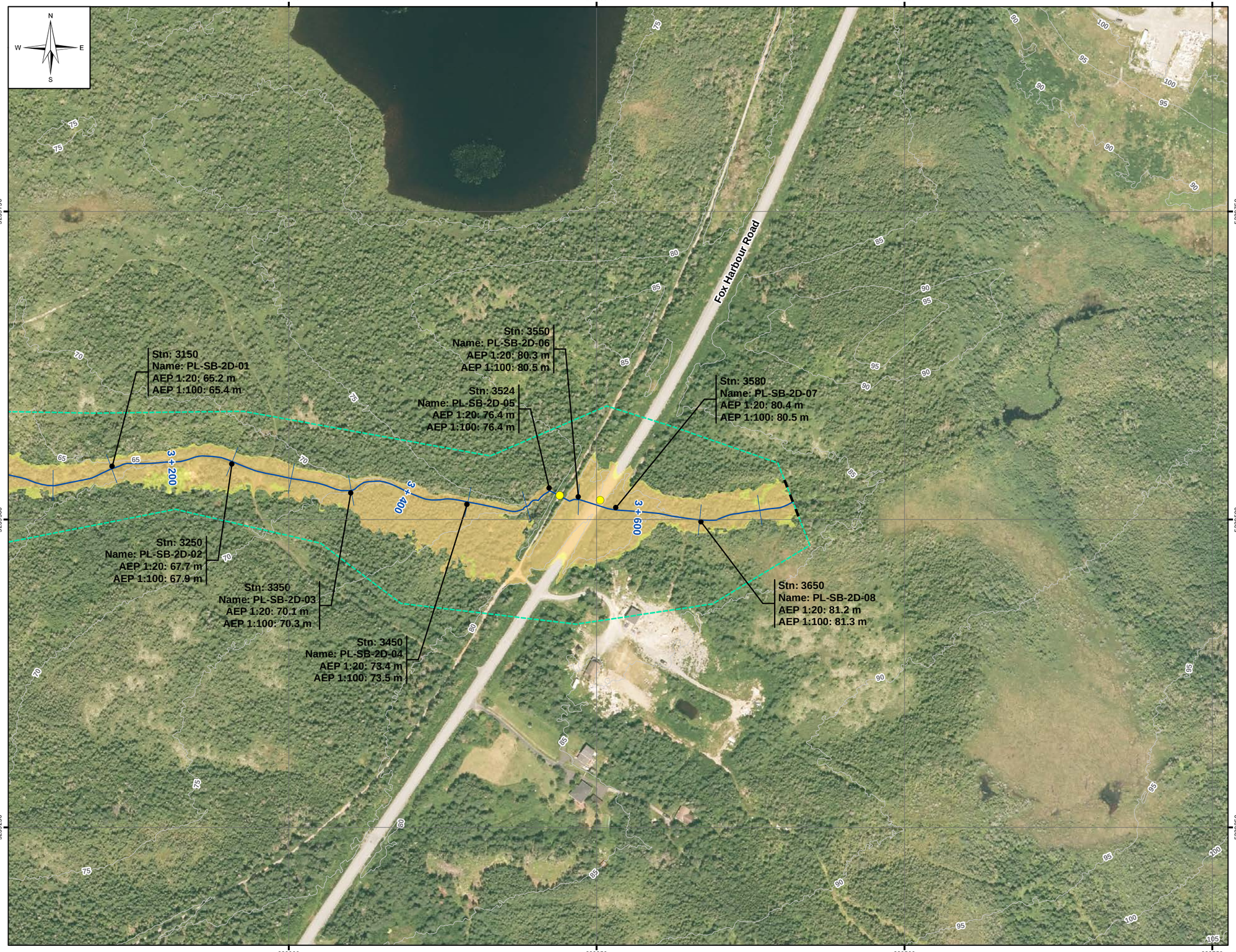

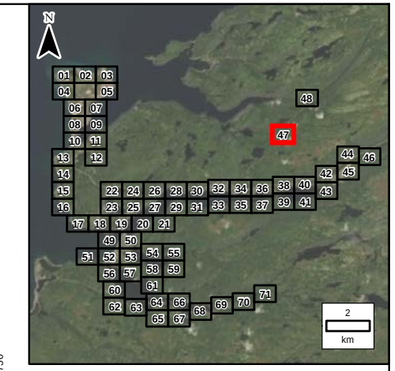

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-47

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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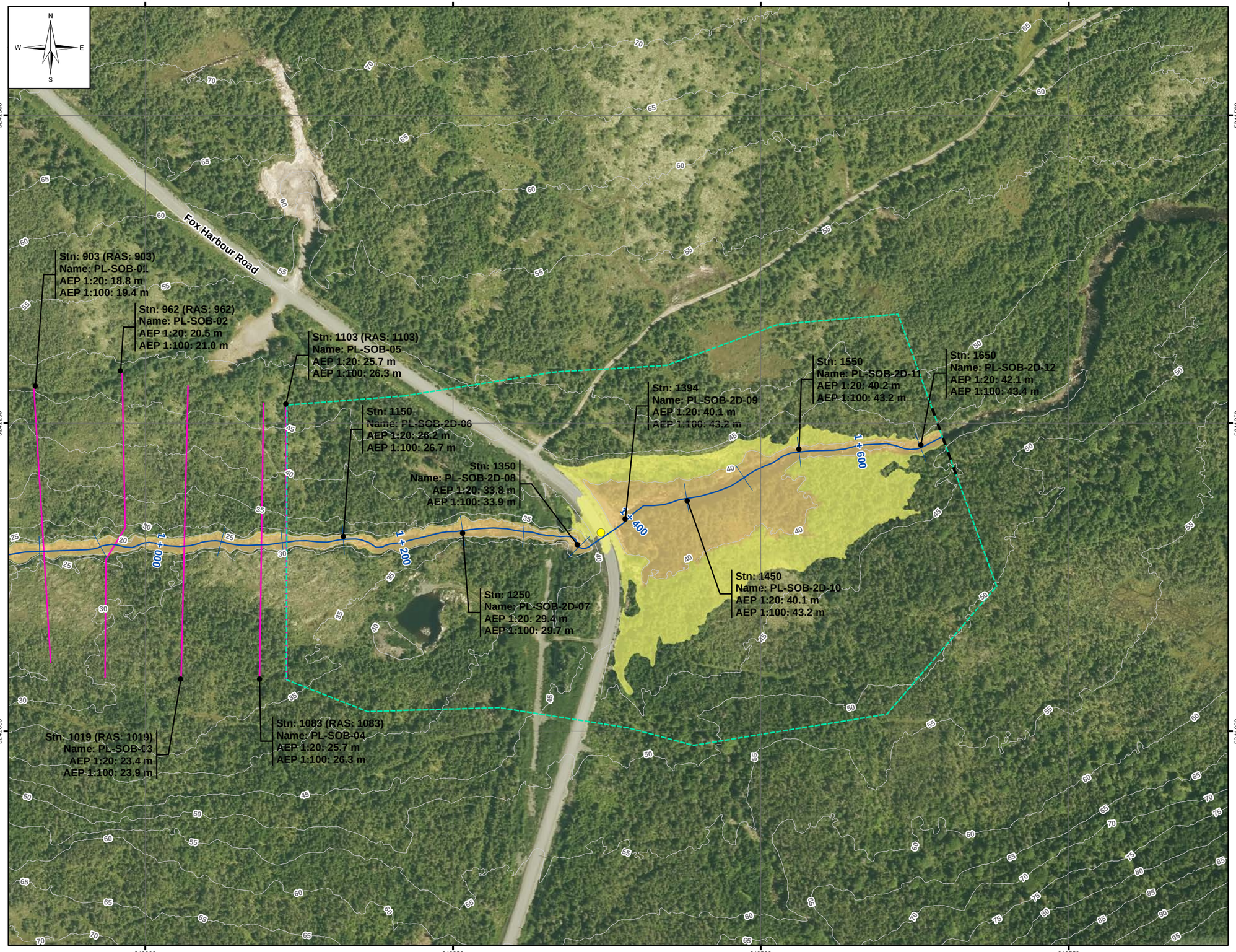

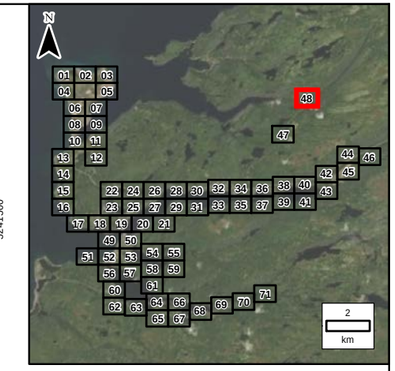

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-48

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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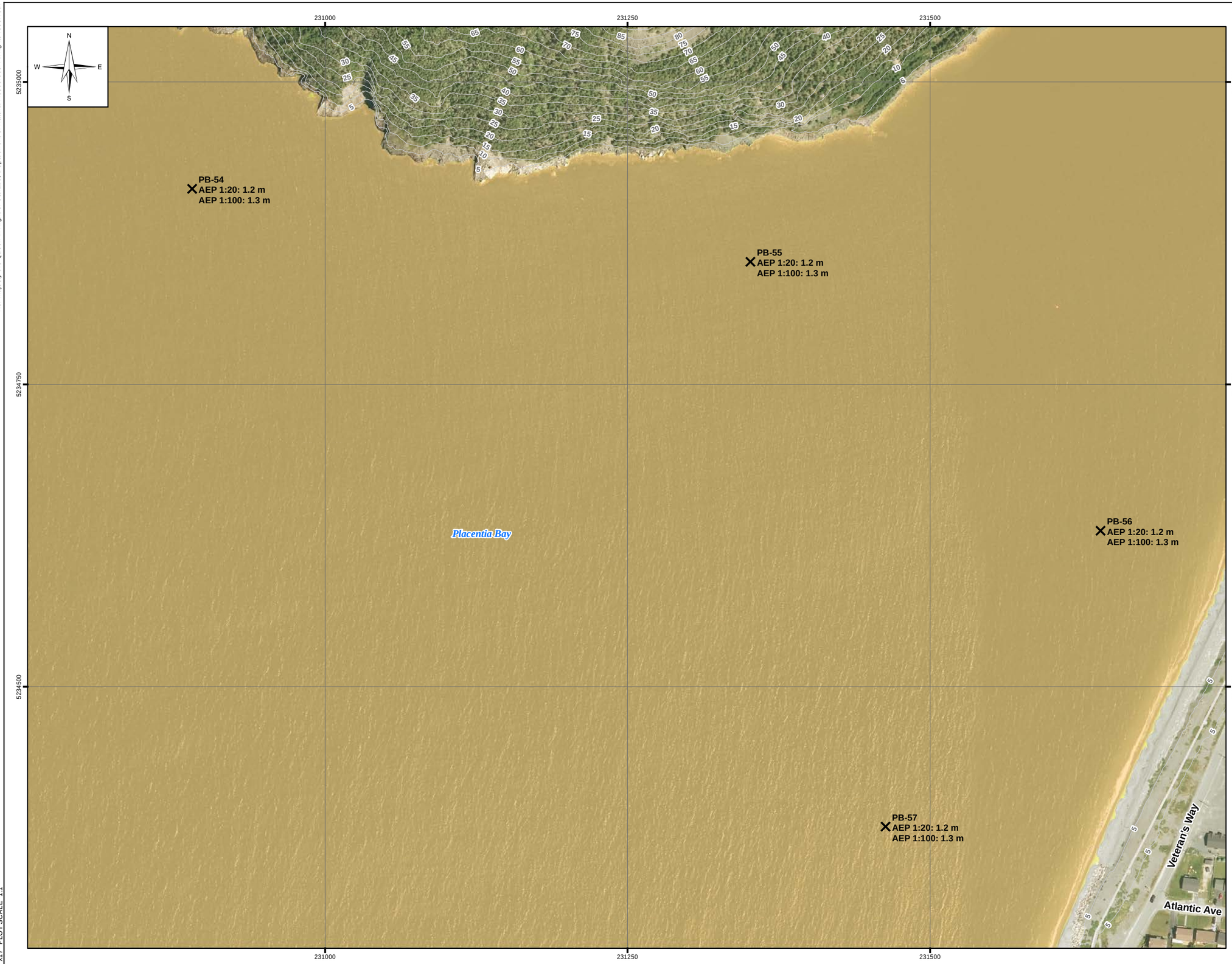

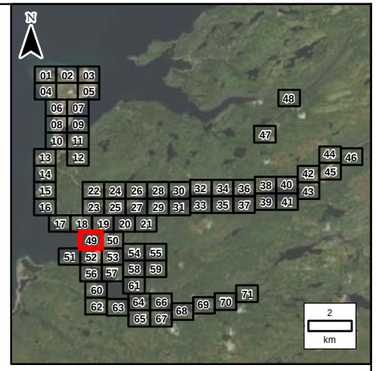

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-49

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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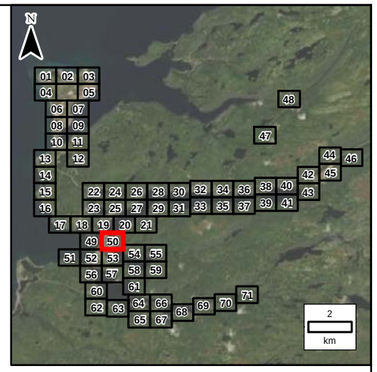

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-50

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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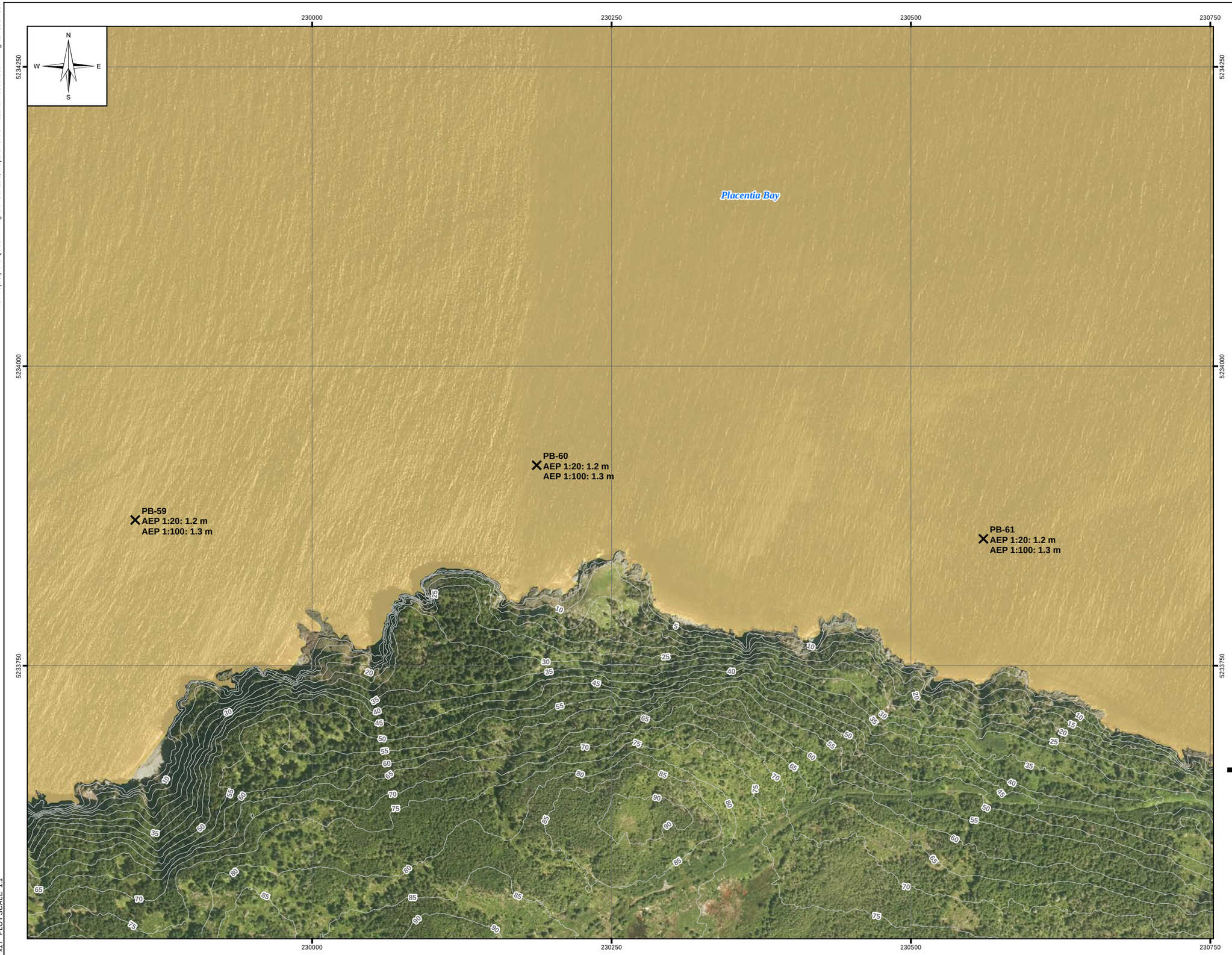

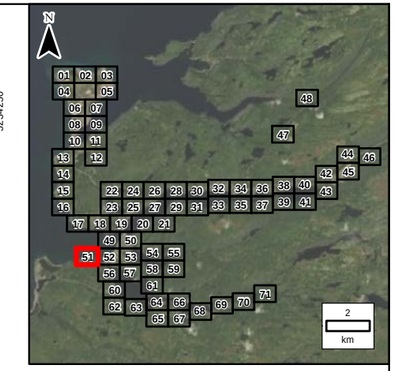

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-51

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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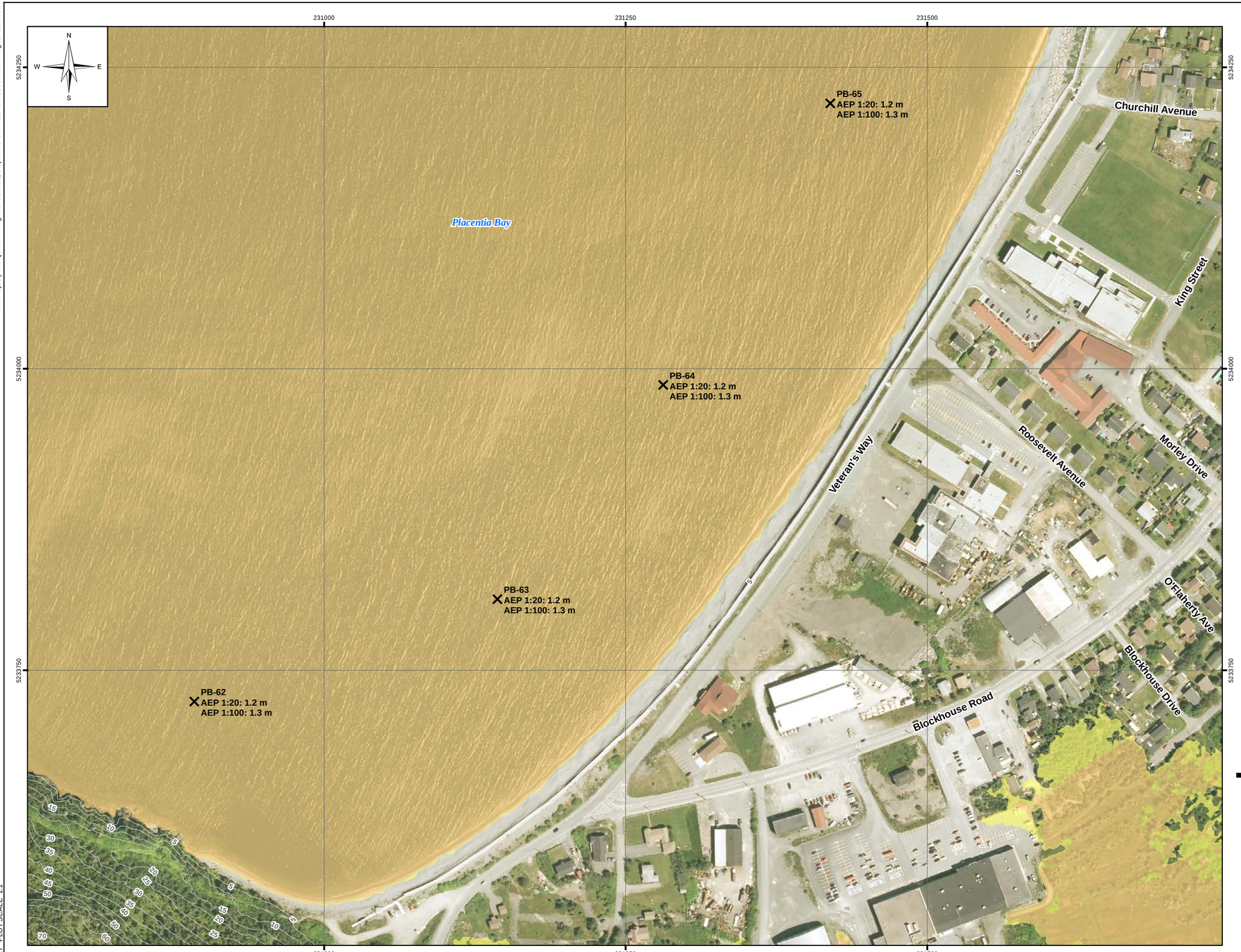

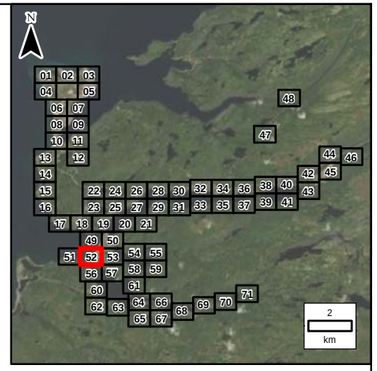

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-52

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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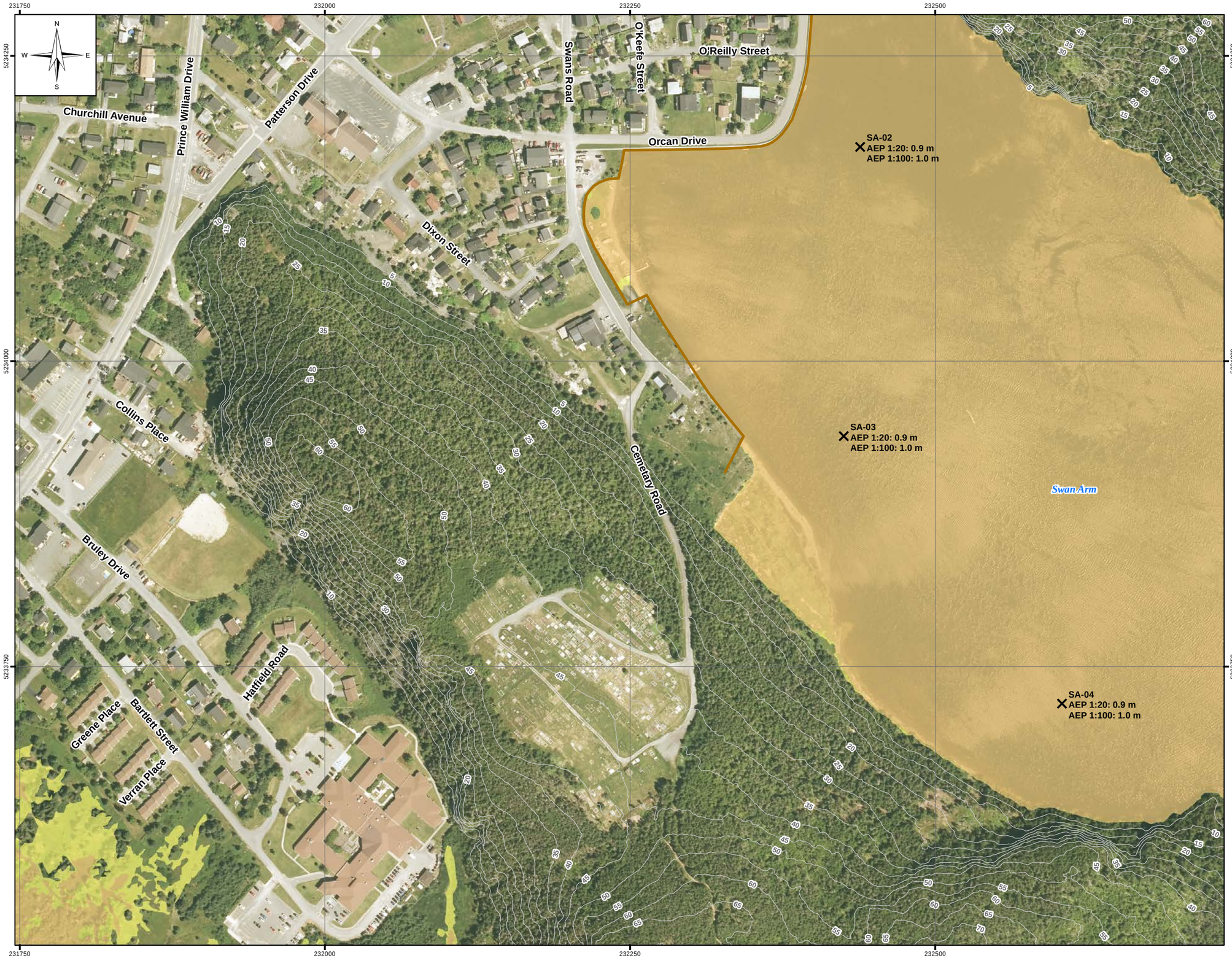

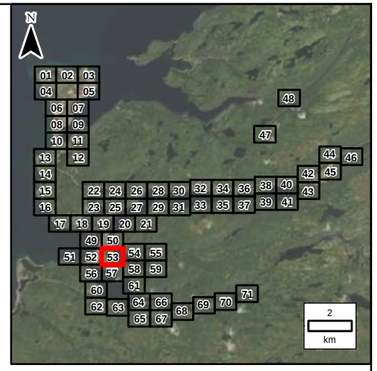

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-53

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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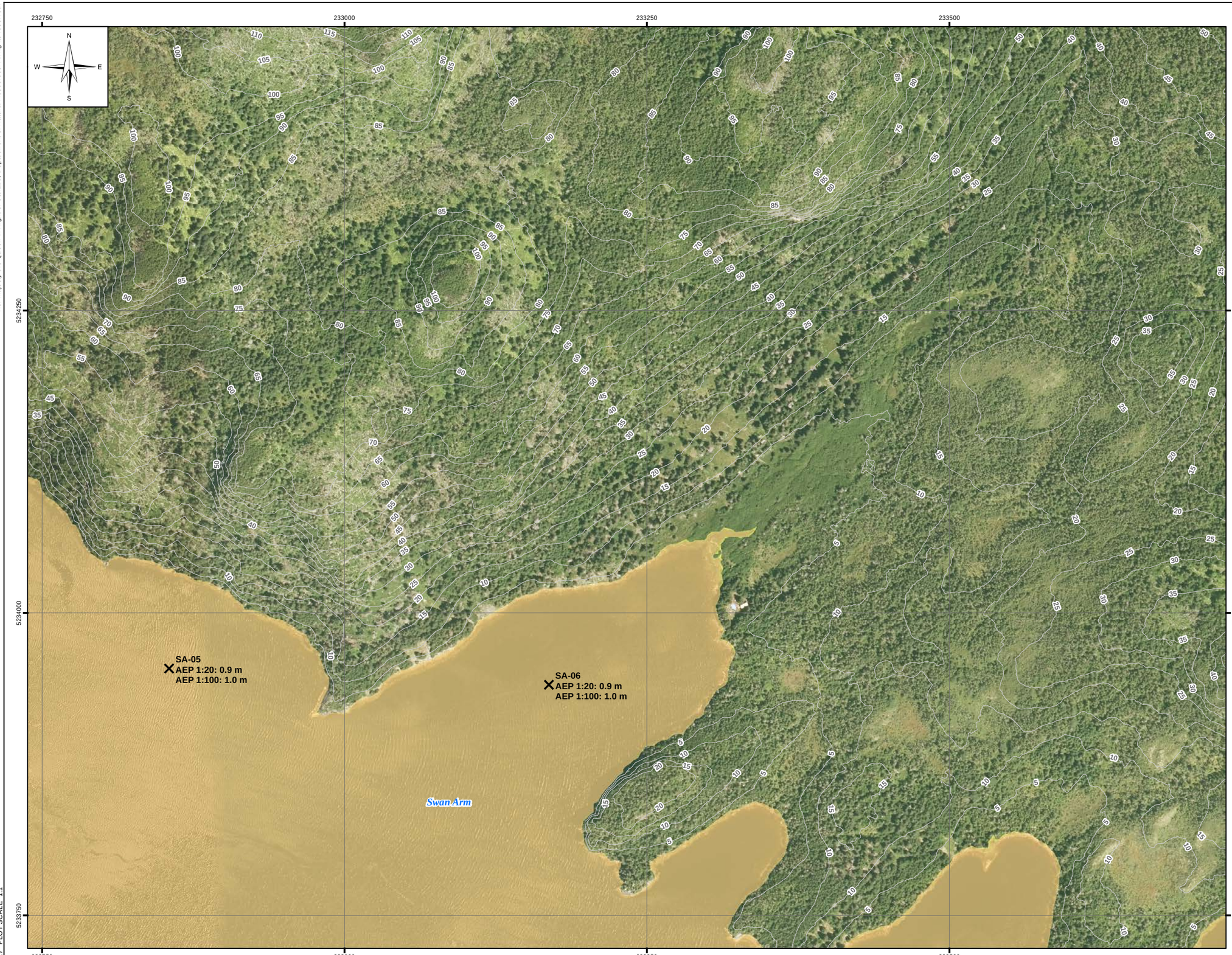

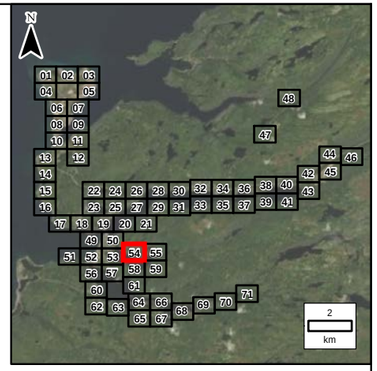

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-54

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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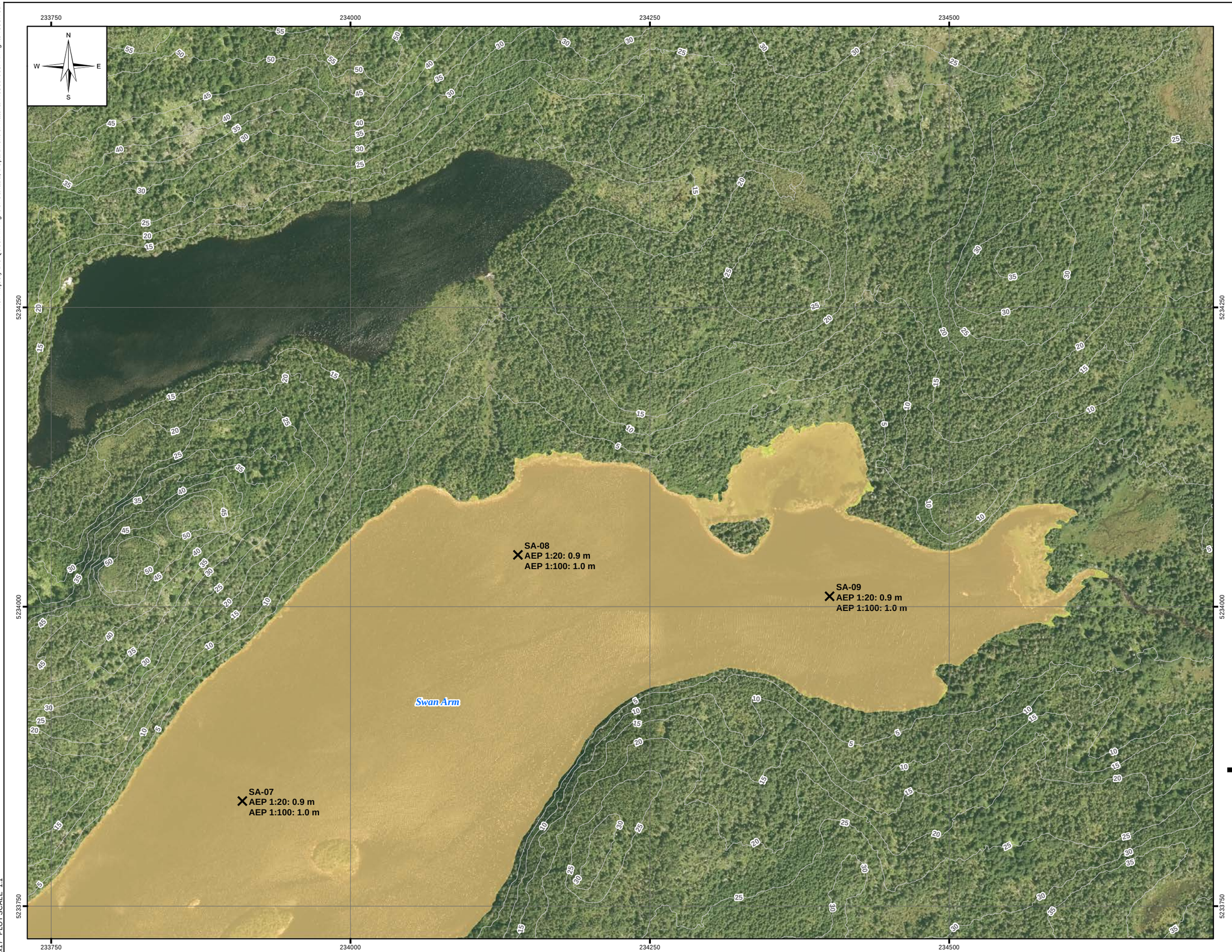

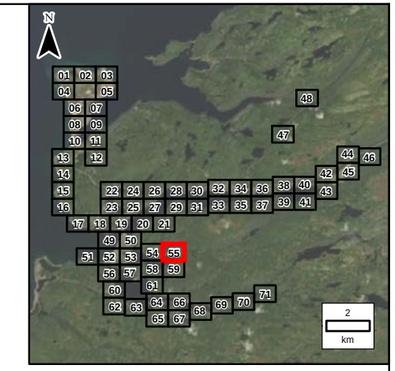

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-55

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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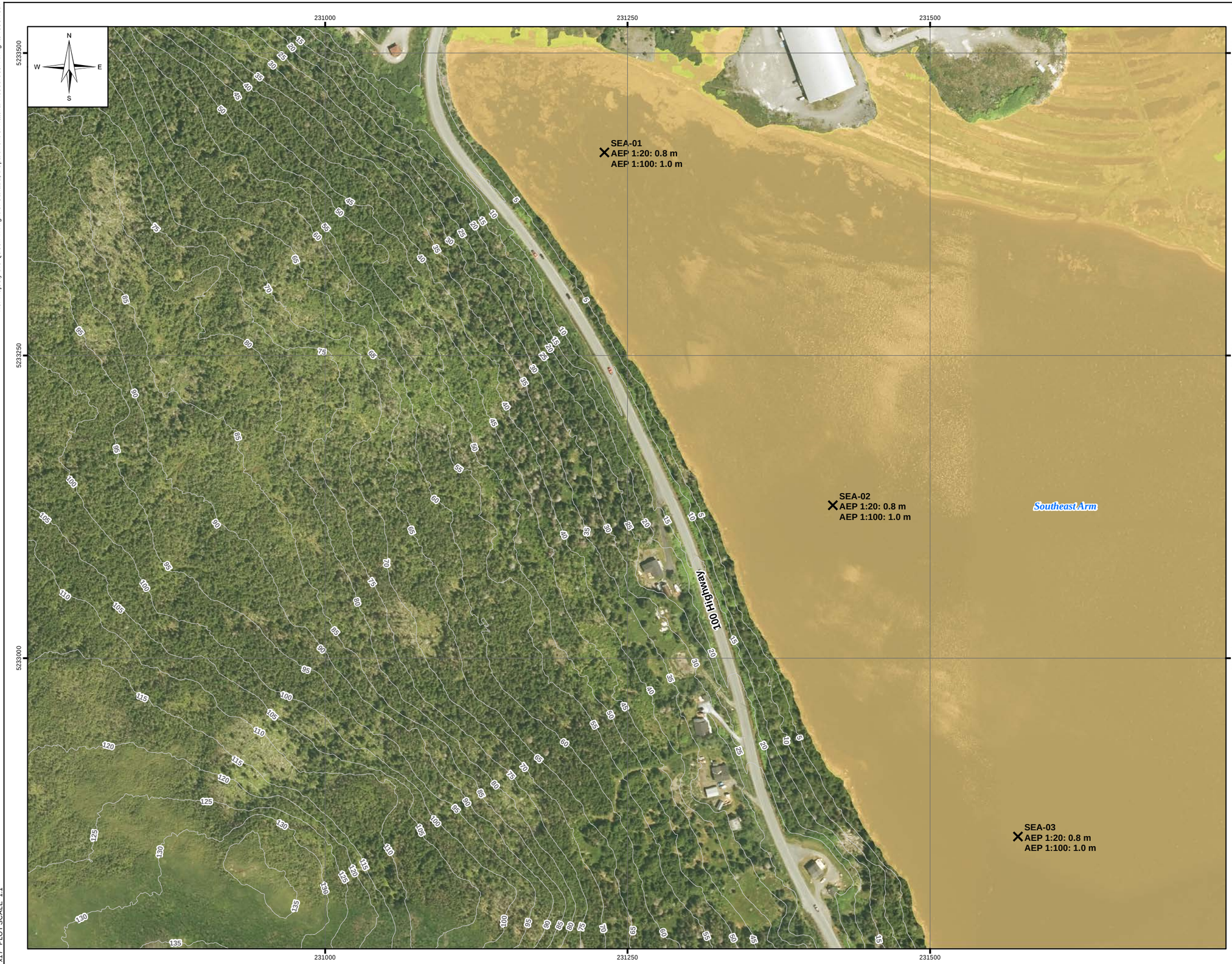

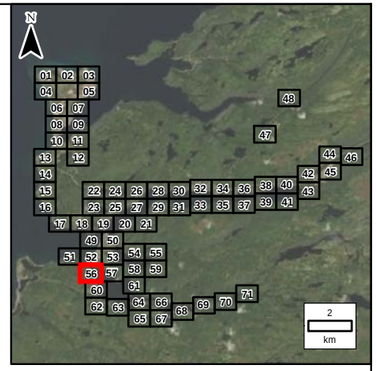

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-56

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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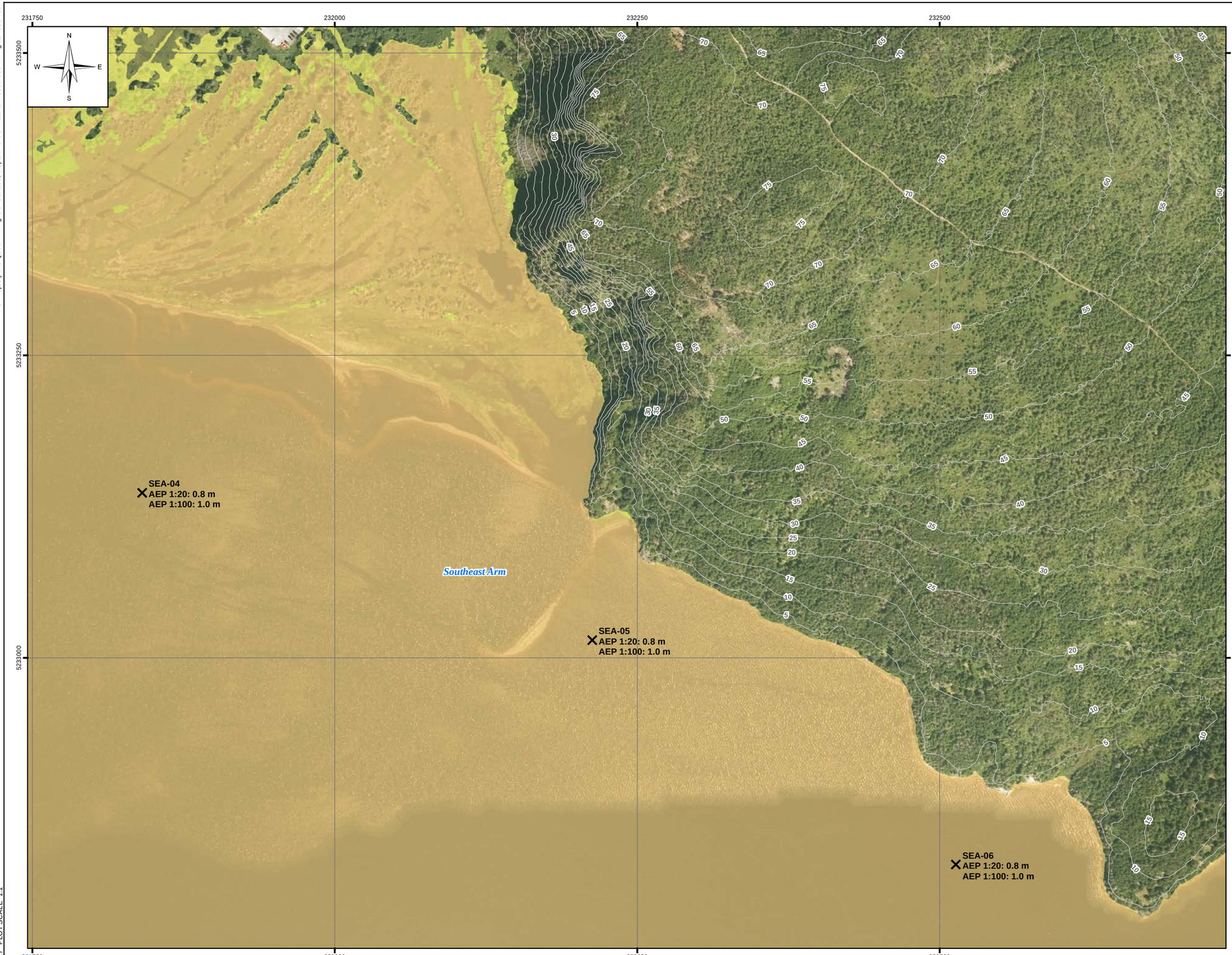

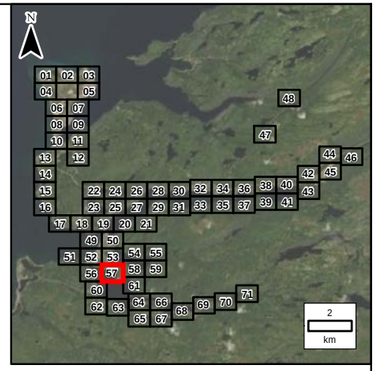

LEGEND:

- Sn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-57

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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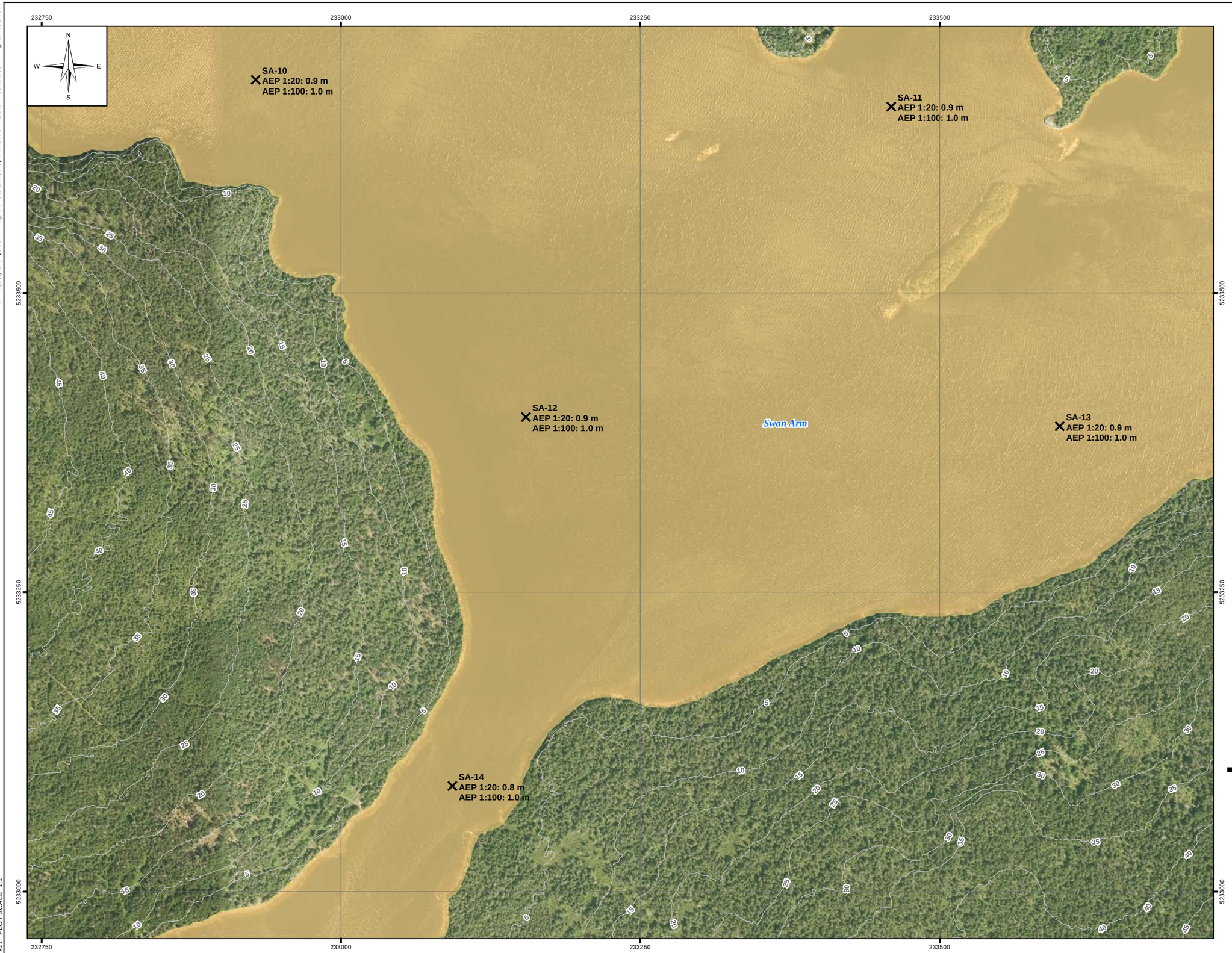

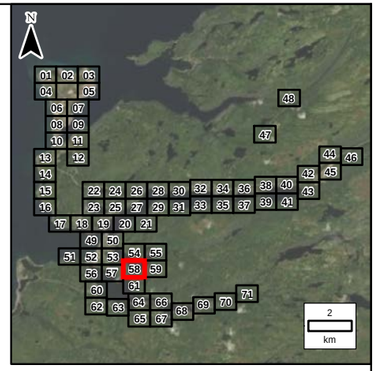

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-58

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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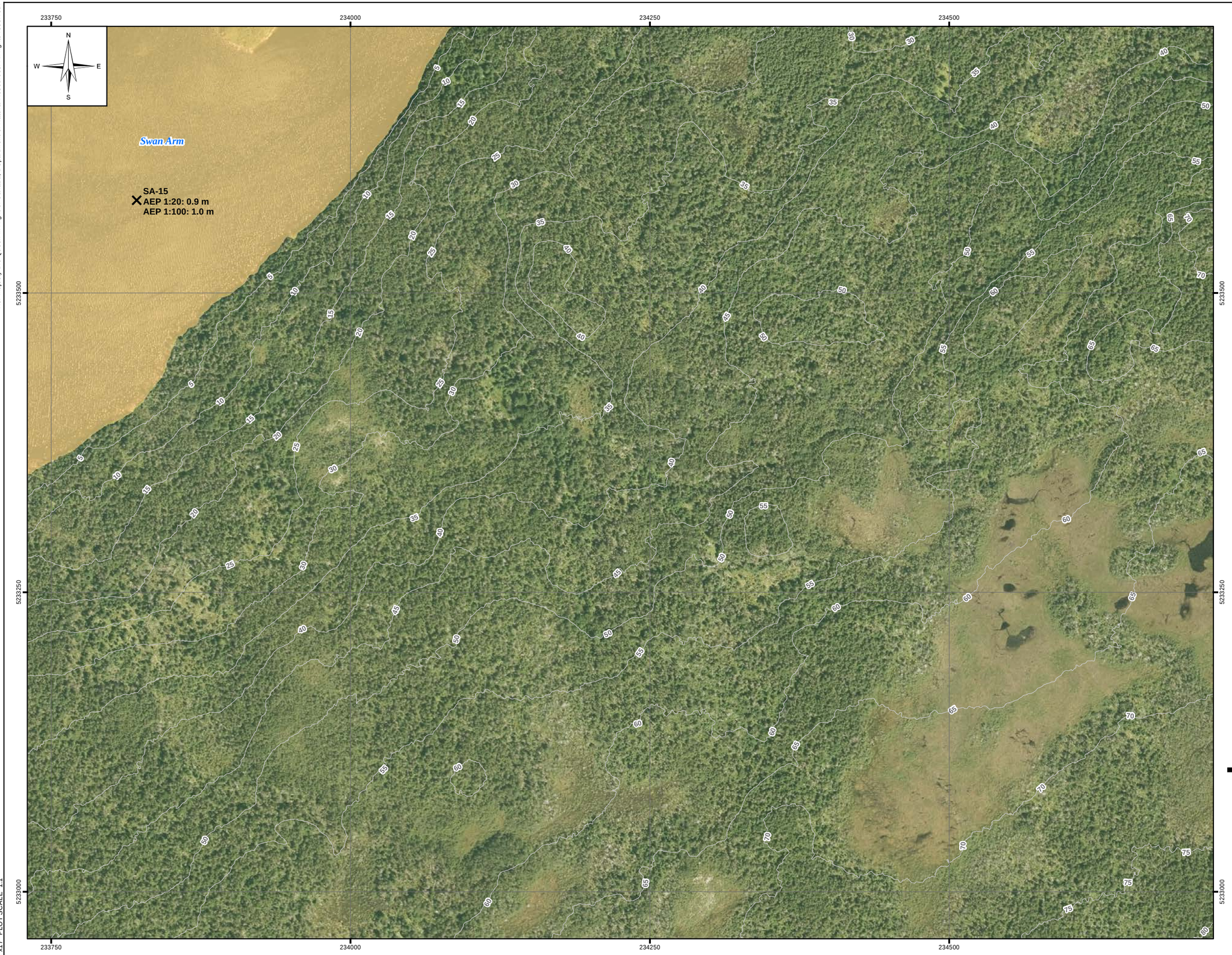

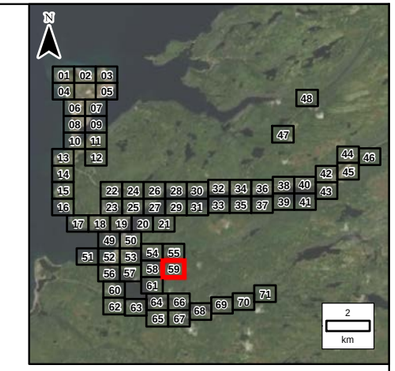

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-59

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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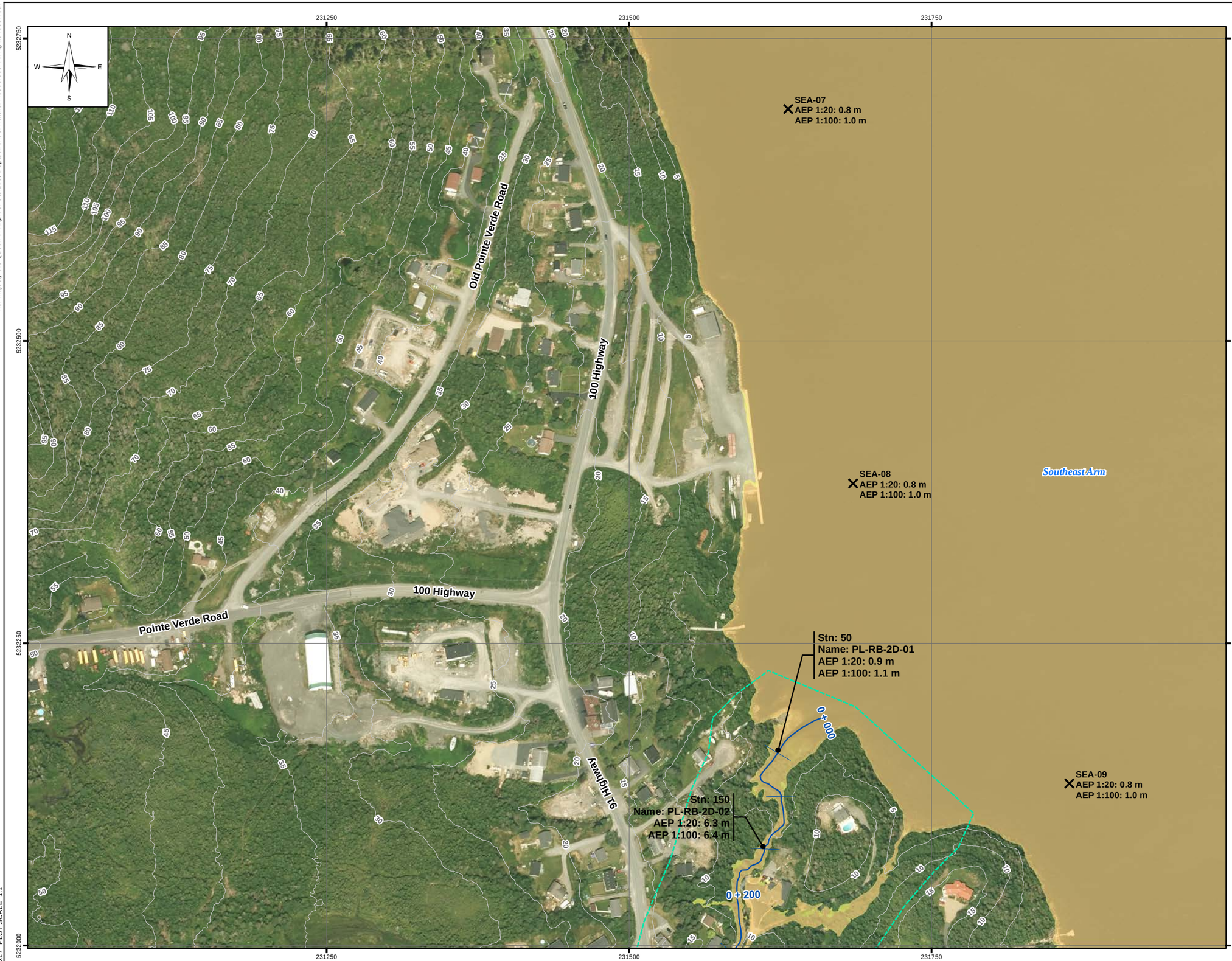

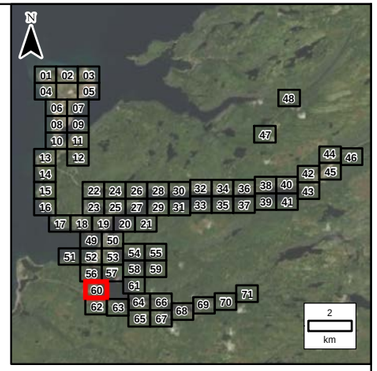

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
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20 0 20 40 60 80 100
Metres

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-60

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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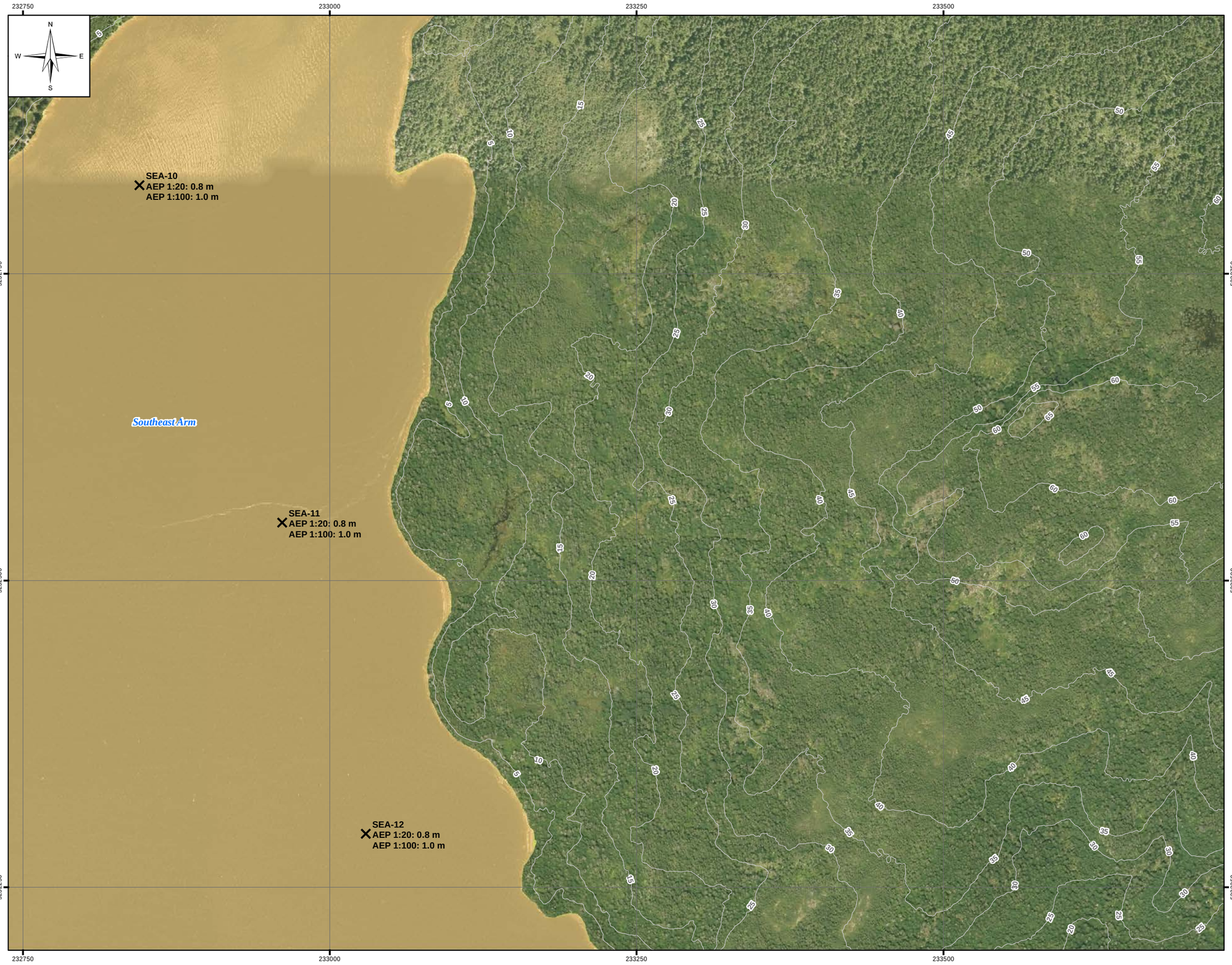

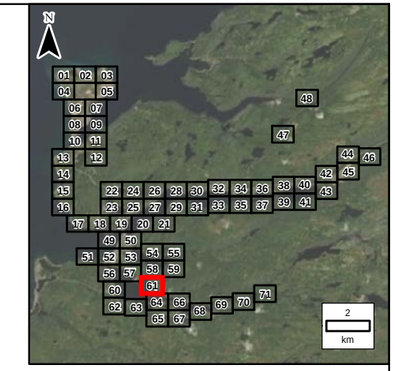

LEGEND:

- Sln: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Sln: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-61

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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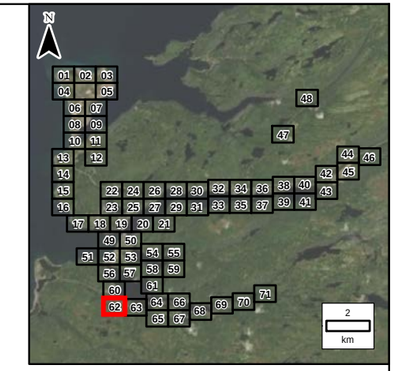

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - PL-62

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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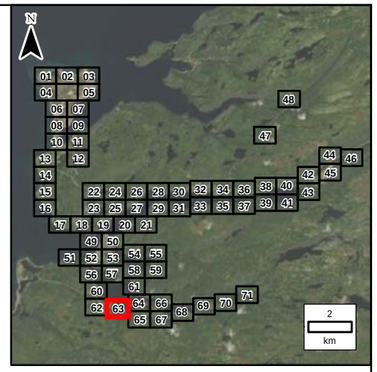

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-63

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOTSCALE 1:1

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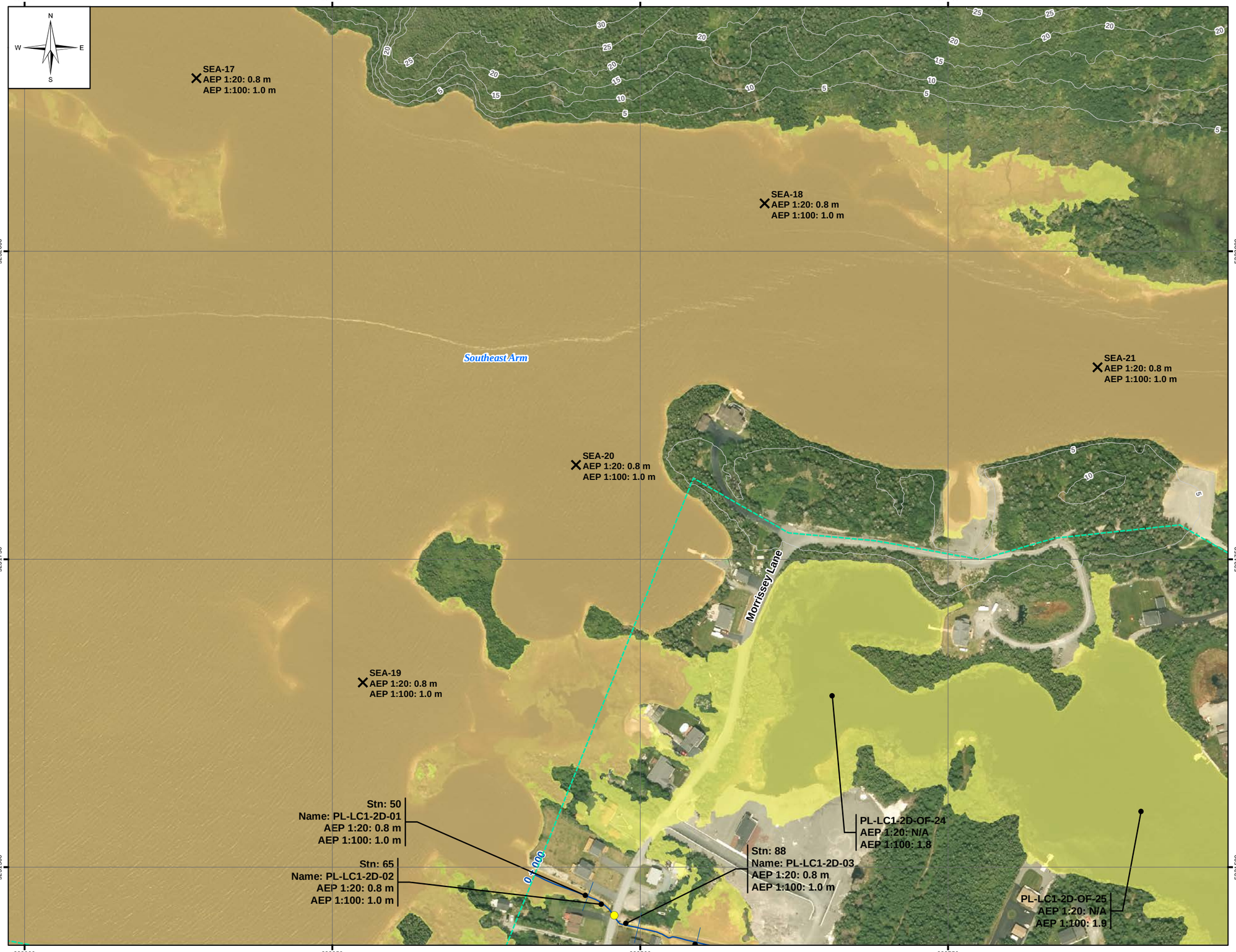

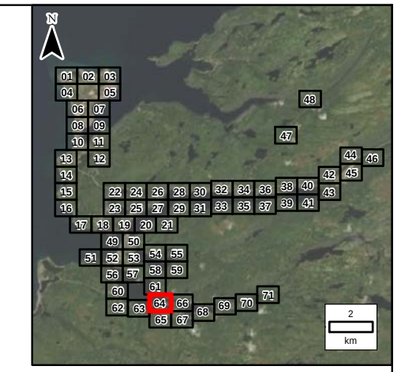

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
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- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-64

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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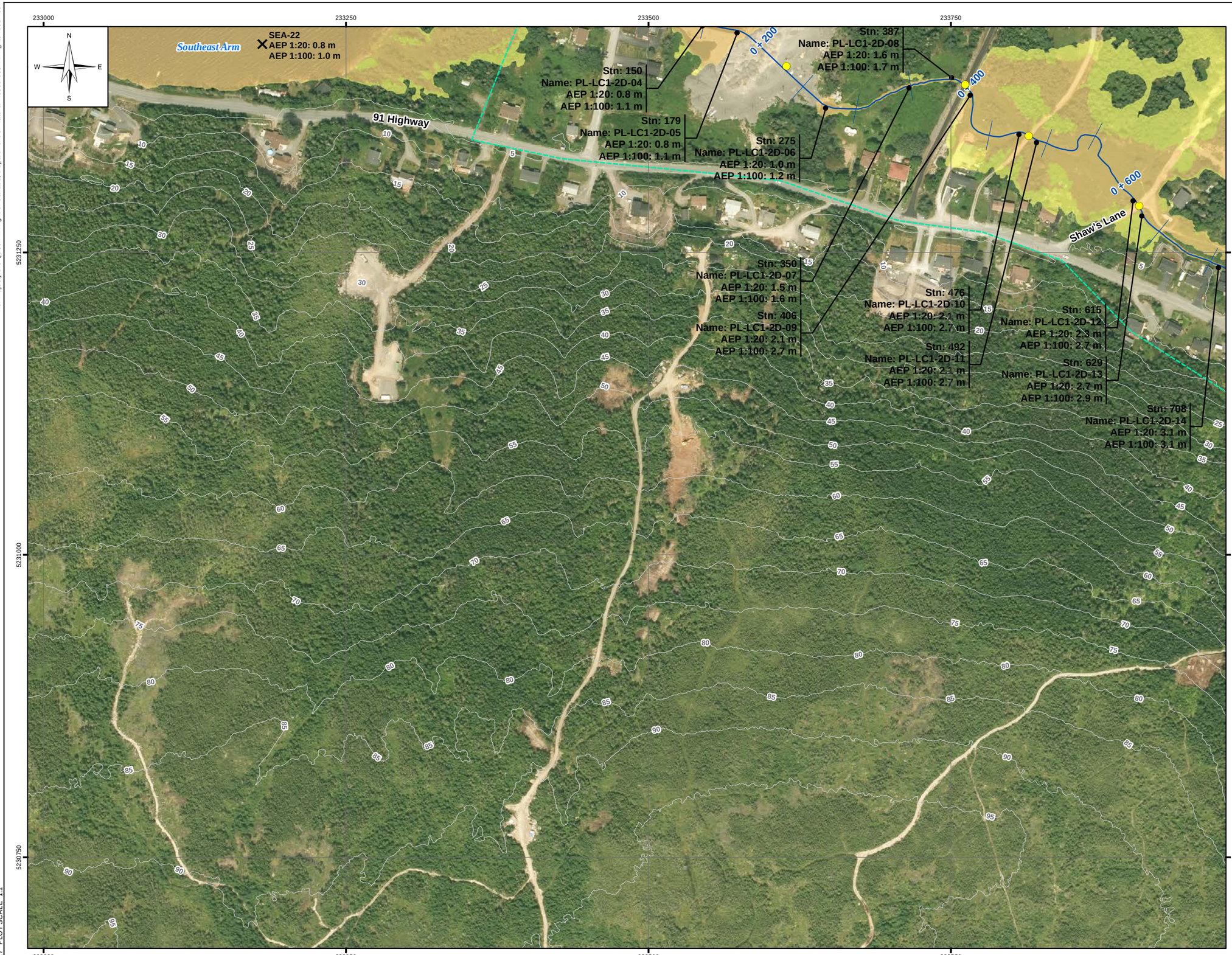

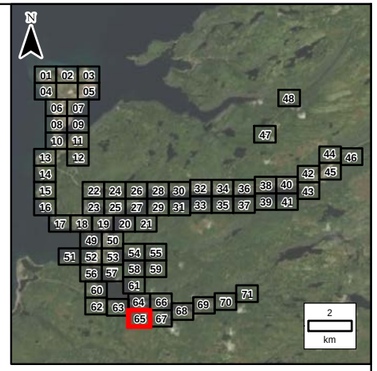

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
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- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-65

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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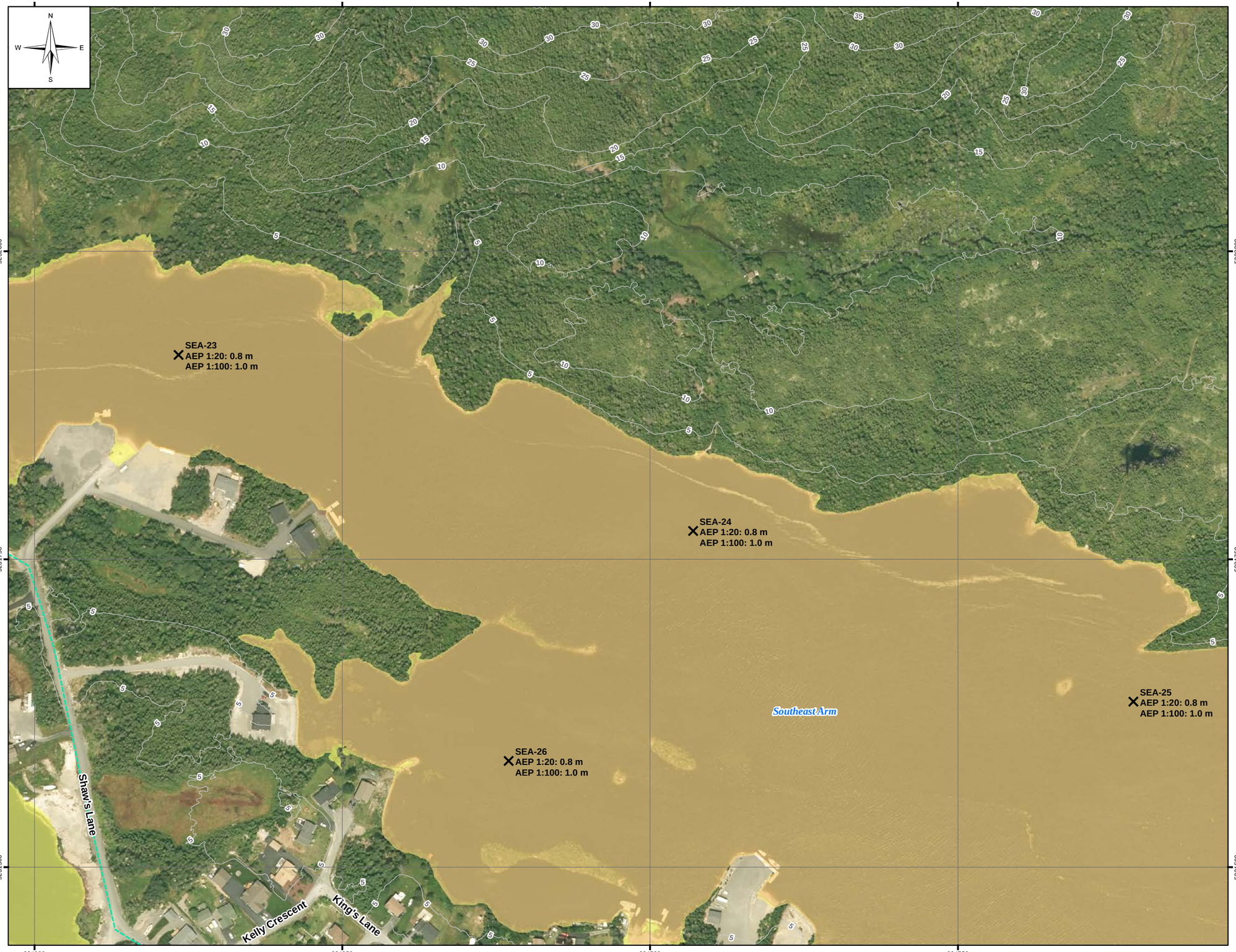

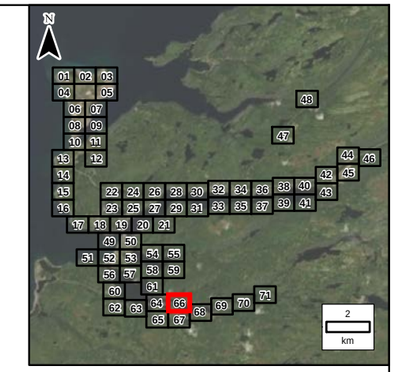

LEGEND:

- Cross Section (Stn: 771 (RAS: 771); Name: PL-LC3-48; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029; Name: PL-LC3-2D-55; AEP 1:20: 41.5 m; AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32; AEP 1:20: 38.2 m; AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-66

SEPTEMBER 2022 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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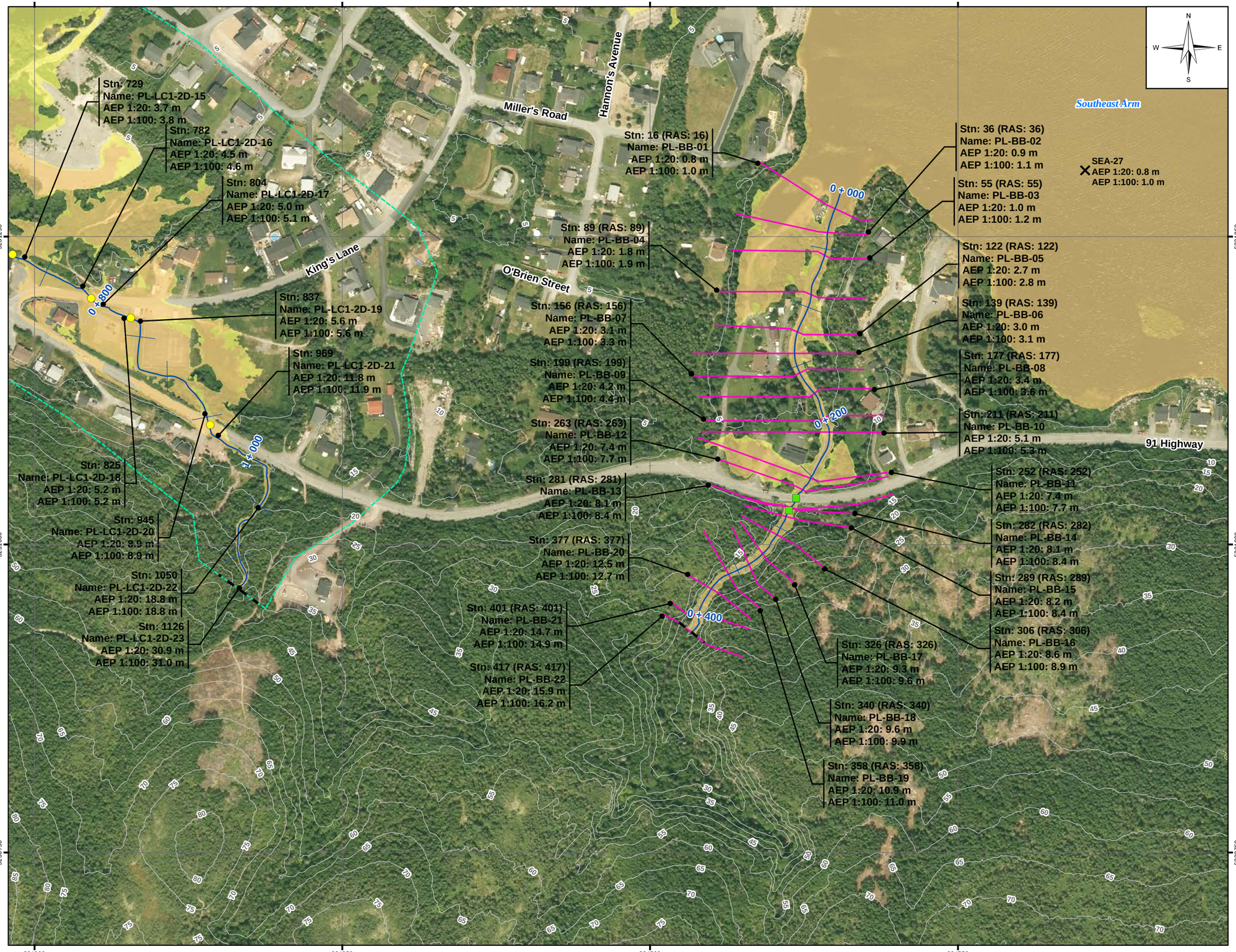

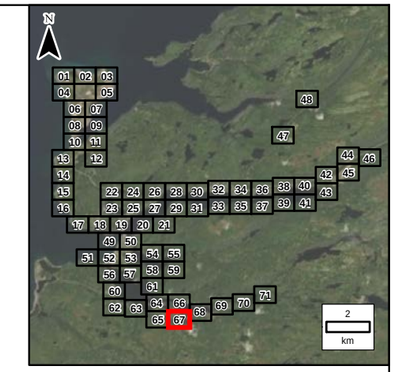

LEGEND:

- Cross Section (Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 2D Annotation (Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m)
- Coastal Water Level (SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m)
- 1:20 Year Flood Zone
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- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-67

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOTSCALE 1:1

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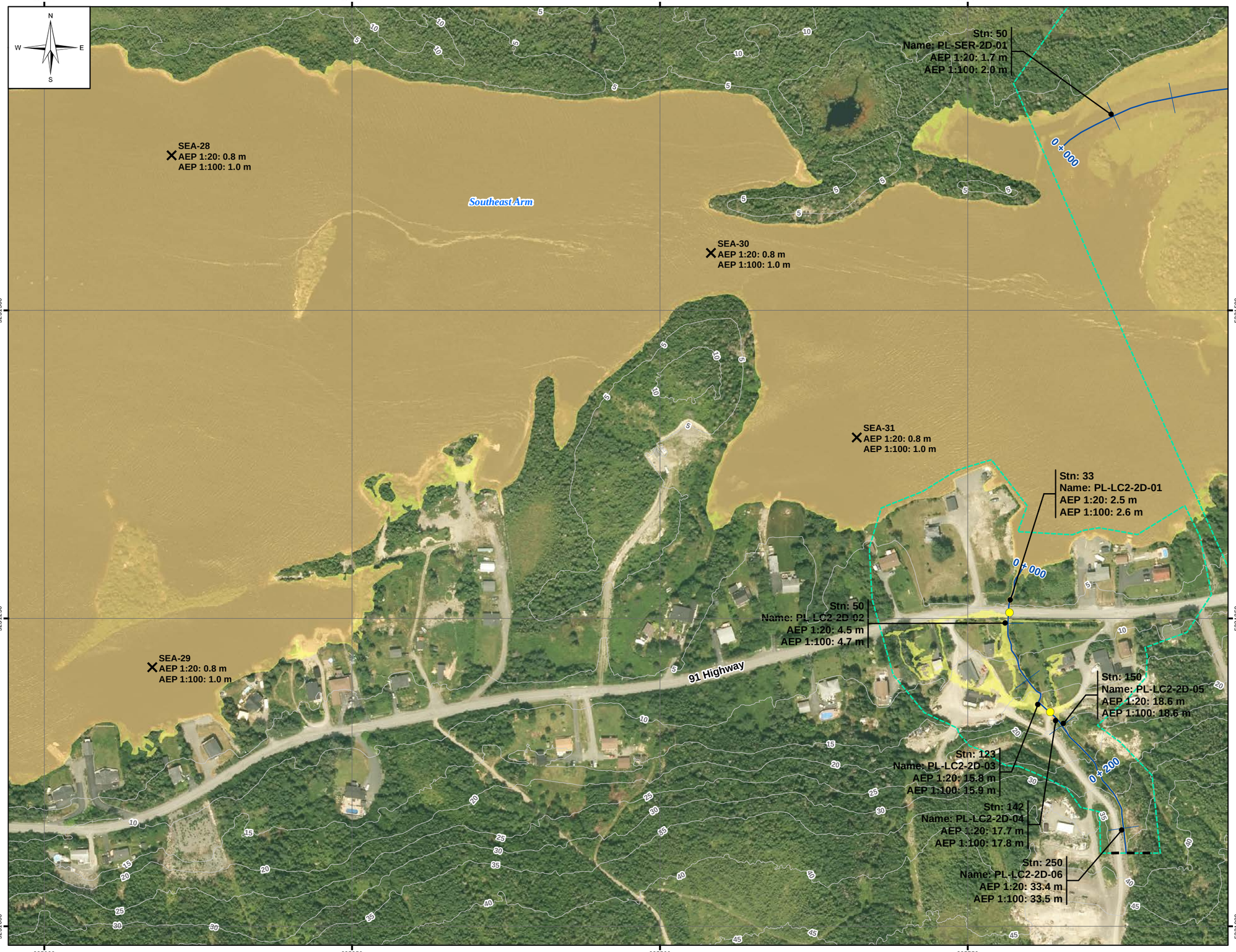

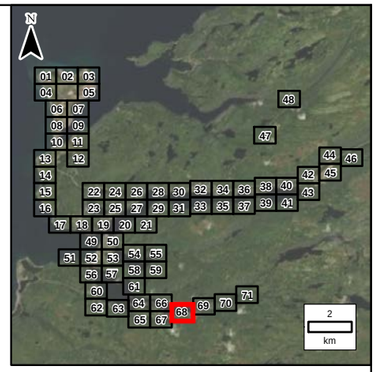

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

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4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-68

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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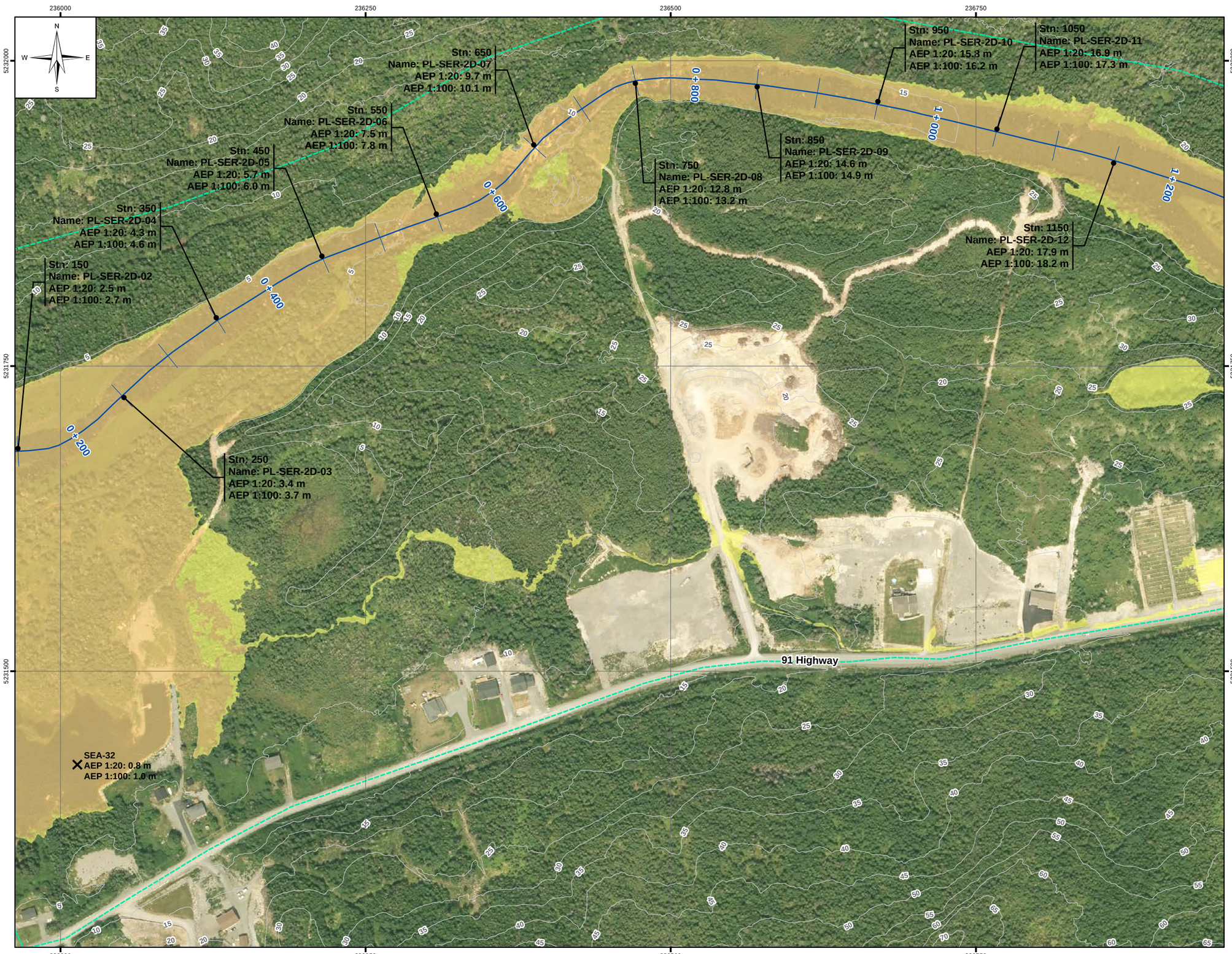

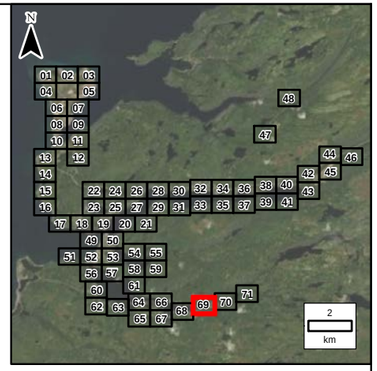

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
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- Limit of Mapping
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-69

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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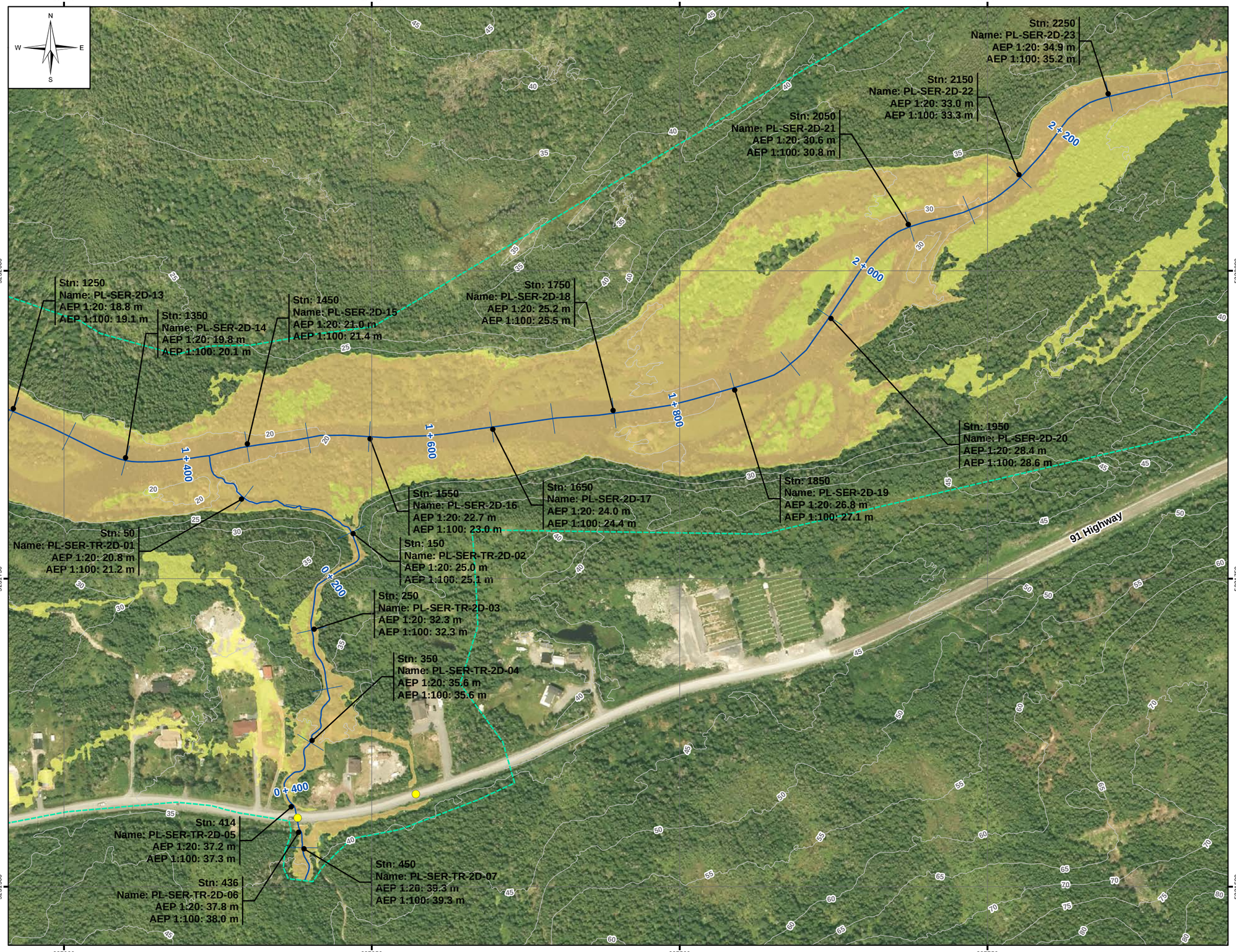

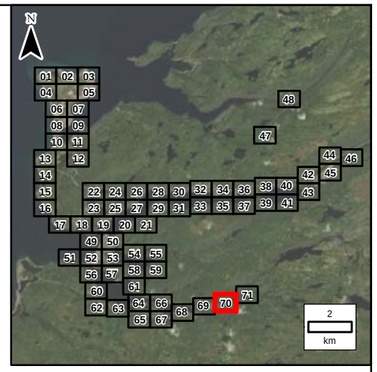

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-70

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1

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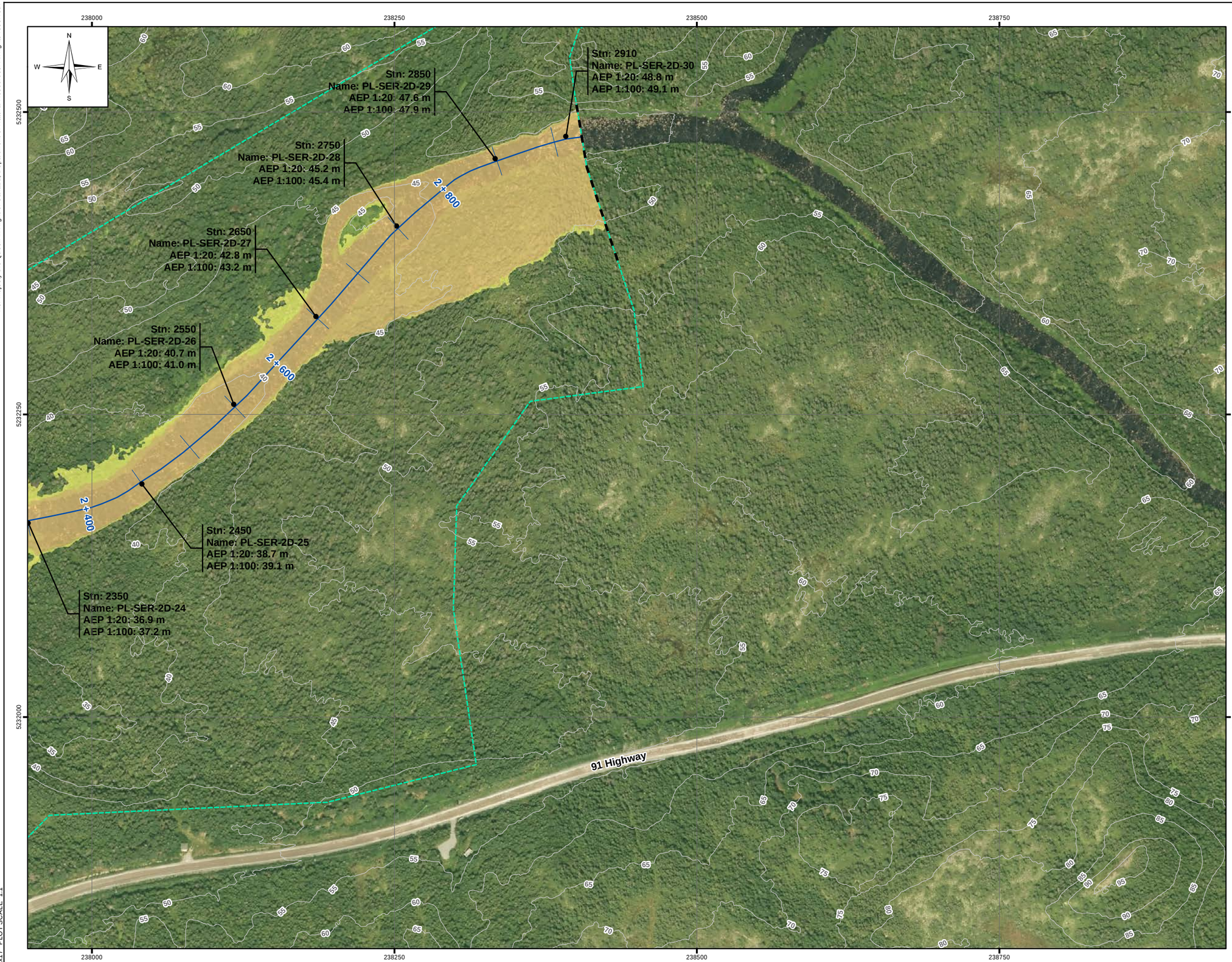

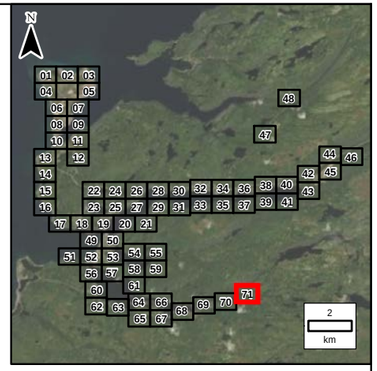

LEGEND:

- Stn: 771 (RAS: 771) Name: PL-LC3-48 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Cross Section
- Stn: 1029 Name: PL-LC3-2D-55 AEP 1:20: 41.5 m AEP 1:100: 41.6 m — 2D Annotation
- SEA-32 AEP 1:20: 38.2 m AEP 1:100: 38.4 m — Coastal Water Level
- 1:20 Year Flood Zone
- 100 Year Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Limit of Mapping
- Placentia Flood Wall
- Limit of 2D Modelling
- Modelled Bridge
- Modelled Culvert
- Water Survey of Canada Gauge

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. Annotation not shown for all cross sections for clarity.
4. Levels marked N/A are dry.

20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horizontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL). Canadian Geodetic Vertical Datum 2013 (CGVD2013).

NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
0	22/09/30	ISSUED WITH FINAL REPORT	ALW	DSB

REVISIONS / ISSUE

KGS GROUP

Newfoundland Labrador

CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR PLACENTIA, CARBONEAR, VICTORIA AND SALMON COVE

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - PL-71

SEPTEMBER 2022 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2021\21-3217-002\Dwg\GIS\MXDs\Flood_Mapping\21-3217-002-Fig3.2.mxd
11"x17" PLOT SCALE 1:1