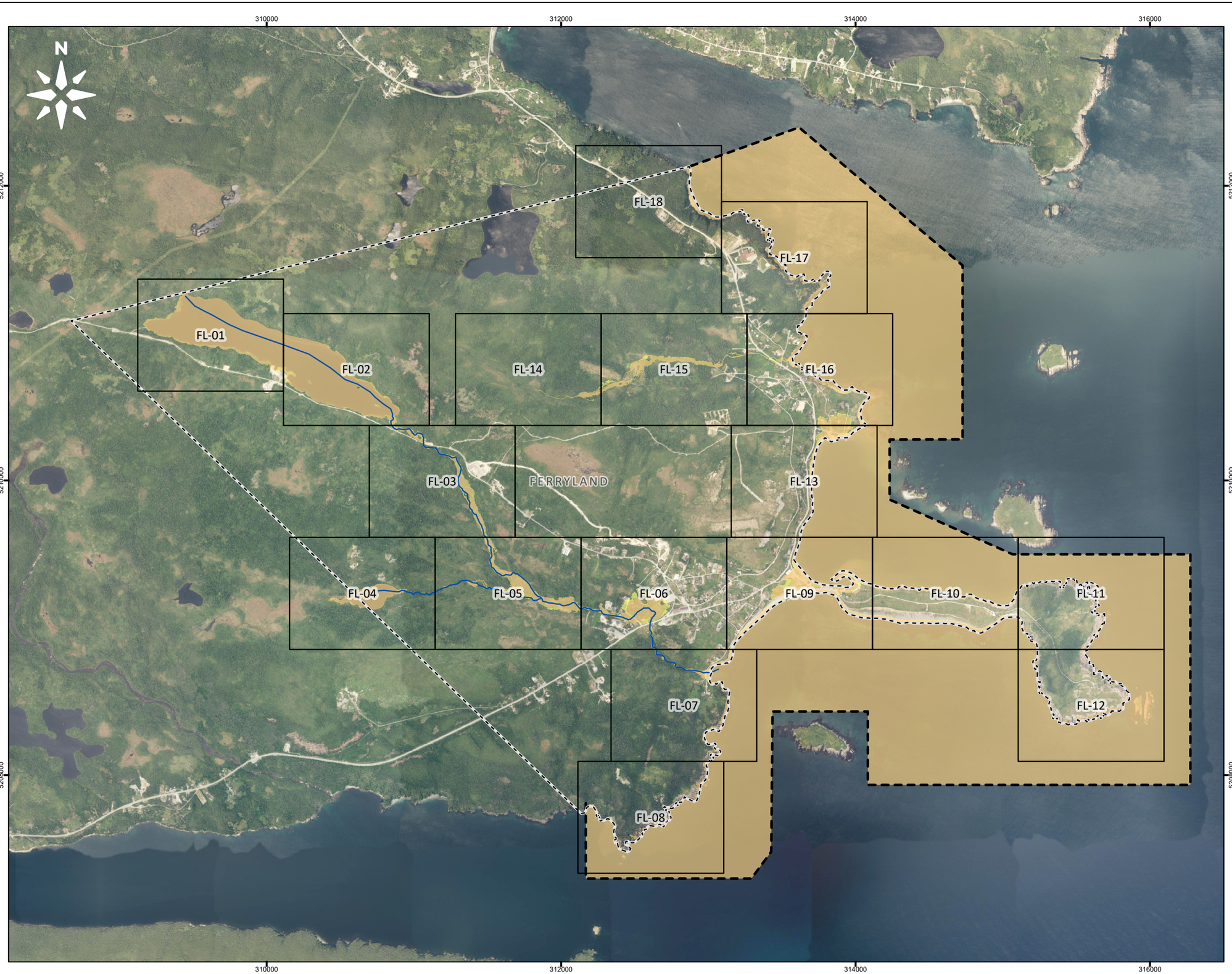
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LEGEND:

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

NOTES:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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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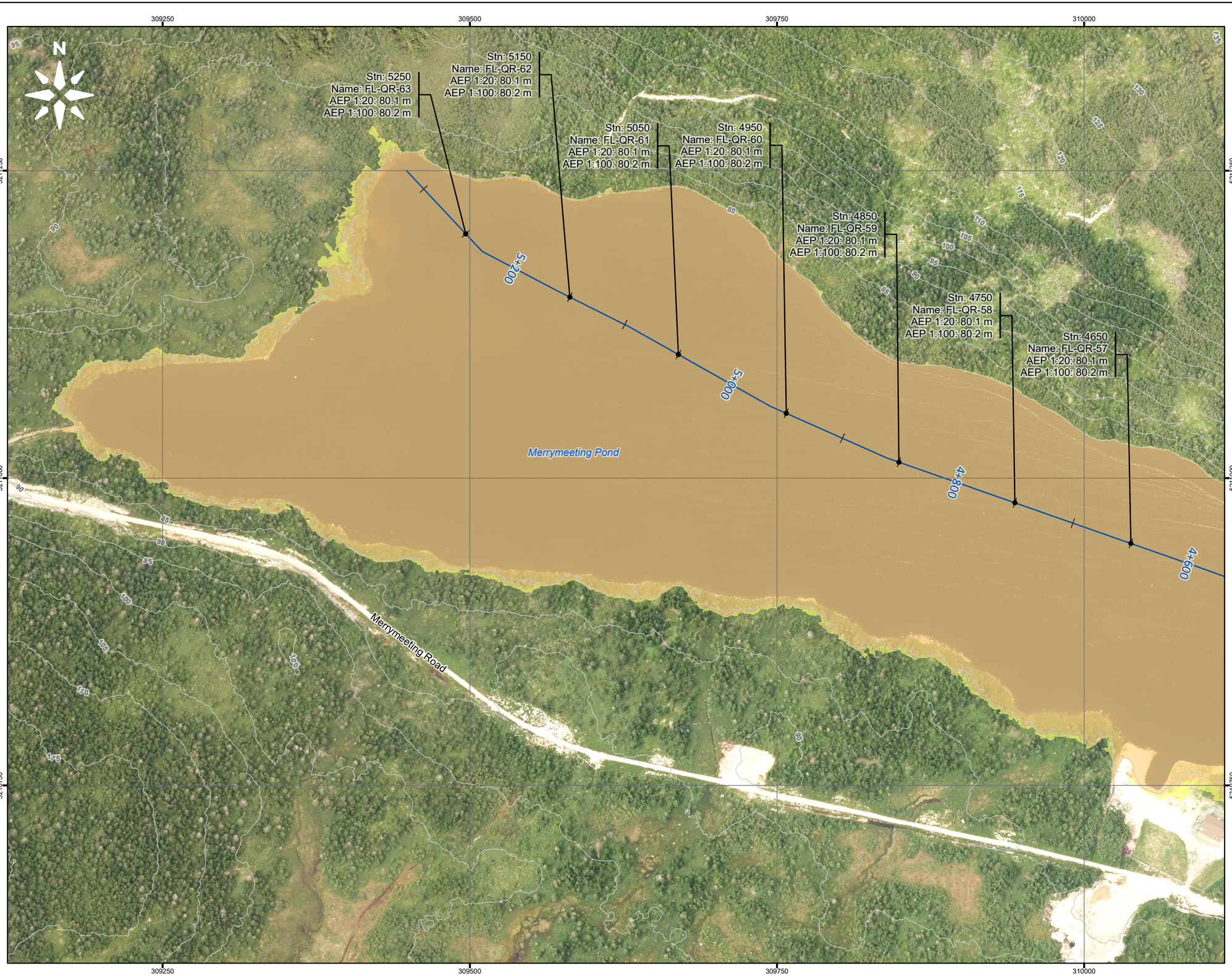
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

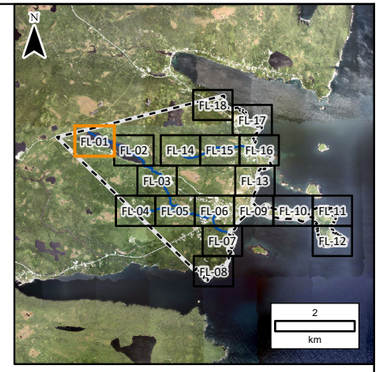
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 6.1 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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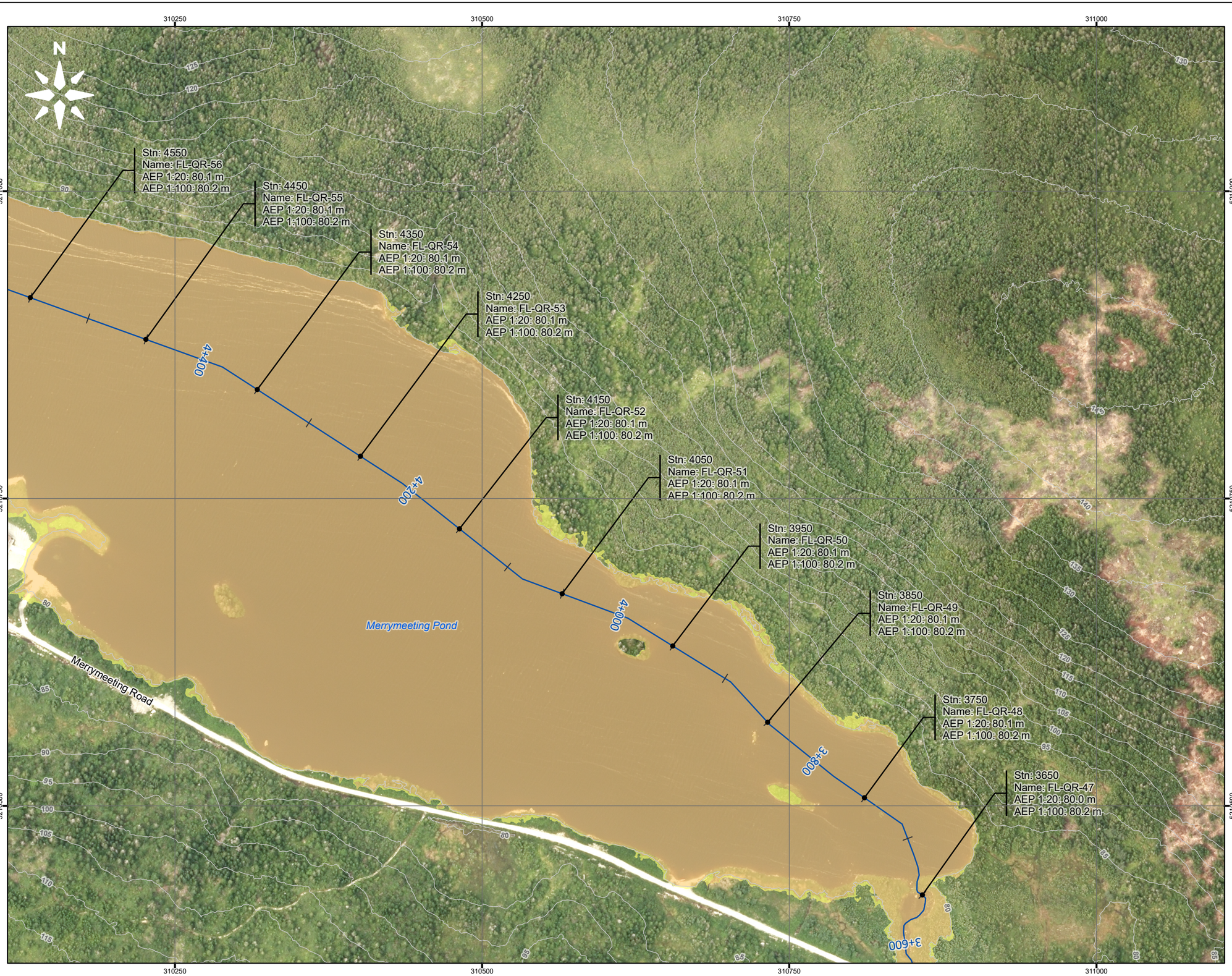
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

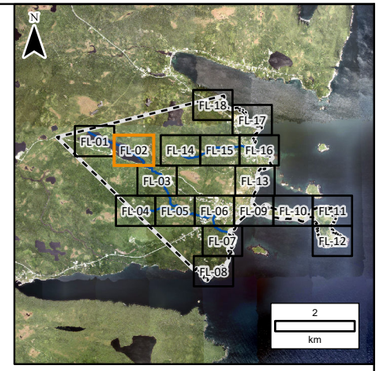
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-01

DECEMBER 2025 | FIGURE 6.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

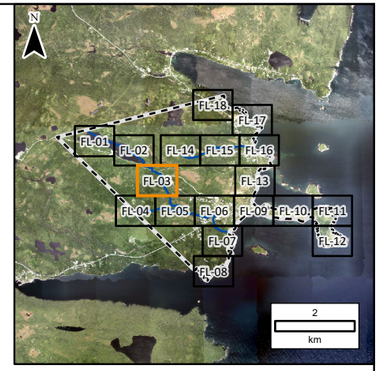
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-02

DECEMBER 2025 | FIGURE 6.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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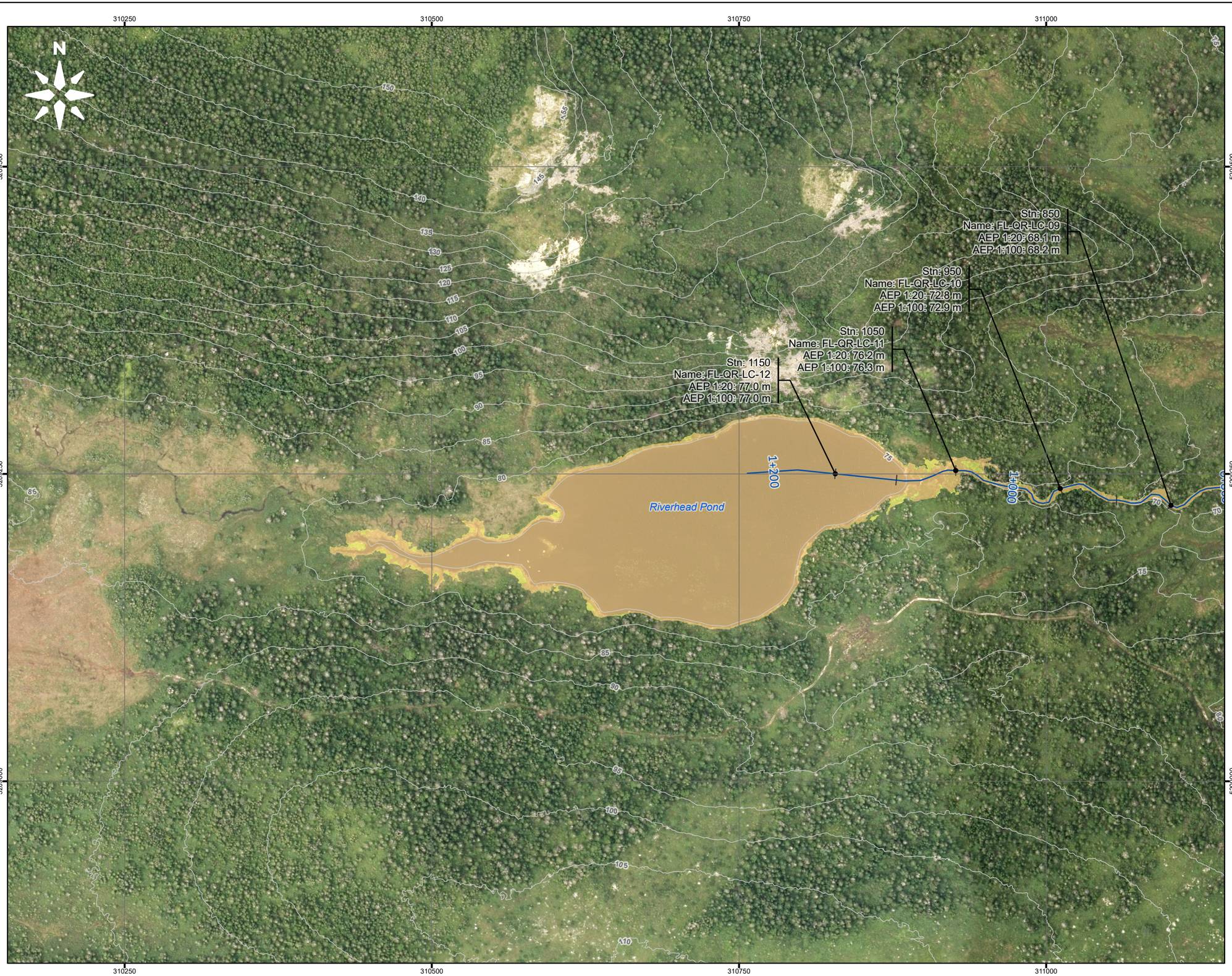
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

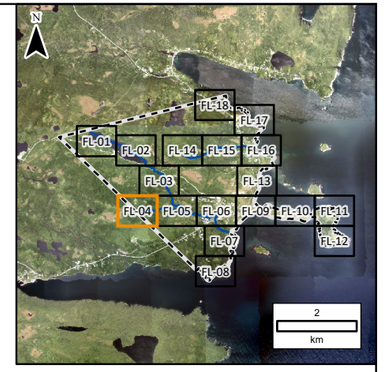
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-03

DECEMBER 2025 | FIGURE 6.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-04

DECEMBER 2025	FIGURE 6.2	REV: 0

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11"x17" PLOT SCALE 1:1

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311250 311500 311750 312000

5209500 5209250 5209000

Stn: 2350
Name: FL-QR-32
AEP 1:20: 47.8 m
AEP 1:100: 47.9 m

Stn: 2250
Name: FL-QR-31
AEP 1:20: 45.6 m
AEP 1:100: 45.7 m

Stn: 2150
Name: FL-QR-30
AEP 1:20: 44.2 m
AEP 1:100: 44.3 m

Stn: 2050
Name: FL-QR-29
AEP 1:20: 43.1 m
AEP 1:100: 43.1 m

Stn: 1950
Name: FL-QR-28
AEP 1:20: 41.5 m
AEP 1:100: 41.6 m

Stn: 1850
Name: FL-QR-27
AEP 1:20: 39.2 m
AEP 1:100: 39.3 m

Stn: 1750
Name: FL-QR-26
AEP 1:20: 37.0 m
AEP 1:100: 37.0 m

Stn: 1650
Name: FL-QR-25
AEP 1:20: 36.3 m
AEP 1:100: 36.4 m

Stn: 1550
Name: FL-QR-24
AEP 1:20: 35.7 m
AEP 1:100: 35.8 m

Stn: 1488.7
Name: FL-QR-23
AEP 1:20: 35.3 m
AEP 1:100: 35.4 m

Stn: 1481.7
Name: FL-QR-22
AEP 1:20: 34.9 m
AEP 1:100: 35.0 m

Stn: 1450
Name: FL-QR-21
AEP 1:20: 34.4 m
AEP 1:100: 34.6 m

Stn: 750
Name: FL-QR-LC-08
AEP 1:20: 63.0 m
AEP 1:100: 63.0 m

Stn: 650
Name: FL-QR-LC-07
AEP 1:20: 57.5 m
AEP 1:100: 57.6 m

Stn: 550
Name: FL-QR-LC-06
AEP 1:20: 51.4 m
AEP 1:100: 51.5 m

Stn: 450
Name: FL-QR-LC-05
AEP 1:20: 46.8 m
AEP 1:100: 46.9 m

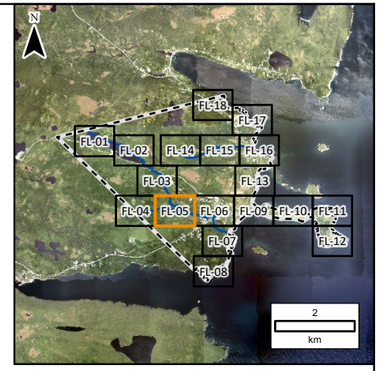
Stn: 350
Name: FL-QR-LC-04
AEP 1:20: 44.2 m
AEP 1:100: 44.2 m

Stn: 250
Name: FL-QR-LC-03
AEP 1:20: 42.0 m
AEP 1:100: 42.0 m

Stn: 150
Name: FL-QR-LC-02
AEP 1:20: 39.8 m
AEP 1:100: 39.9 m

Stn: 50
Name: FL-QR-LC-01
AEP 1:20: 36.8 m
AEP 1:100: 36.8 m

0+000 0+200 0+400 0+600 0+800 1+000 1+200 1+400 1+600 1+800 2+000 2+200



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

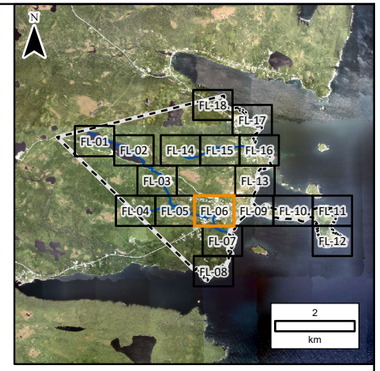
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-05

DECEMBER 2025 | FIGURE 6.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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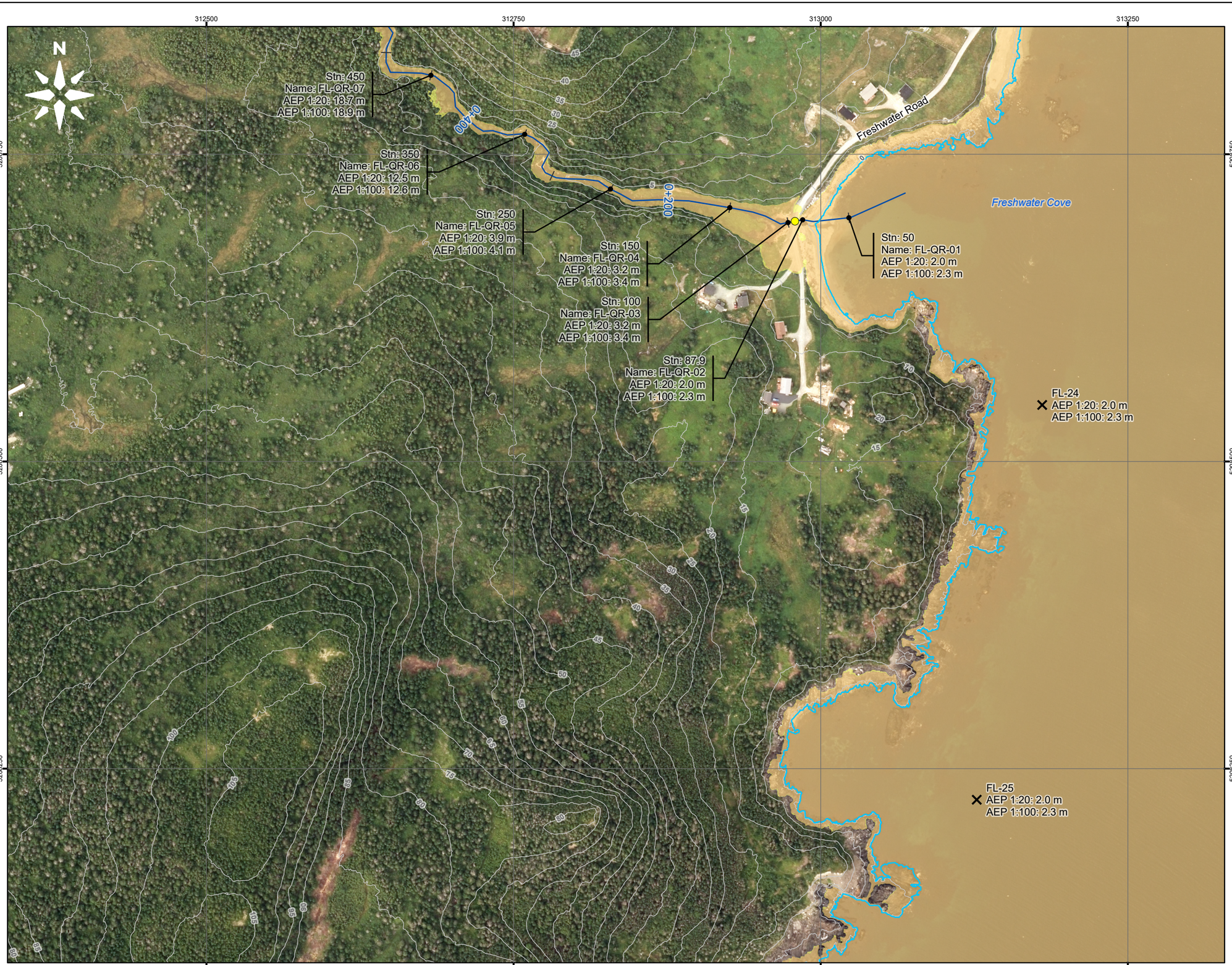
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

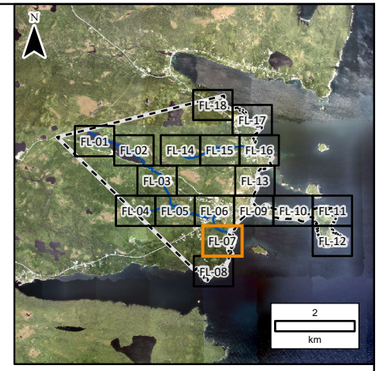
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-06

DECEMBER 2025	FIGURE 6.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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Newfoundland Labrador Canada

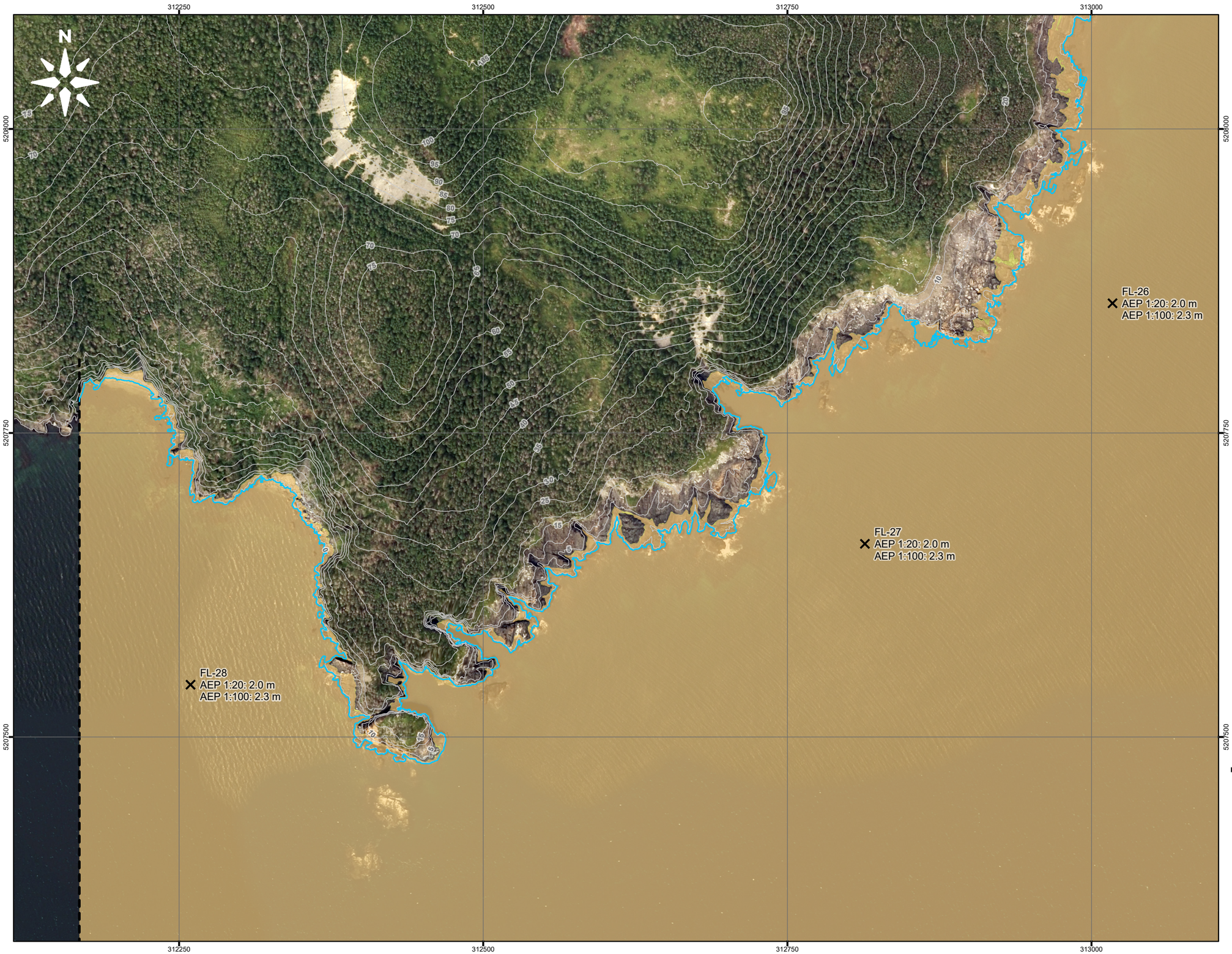
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

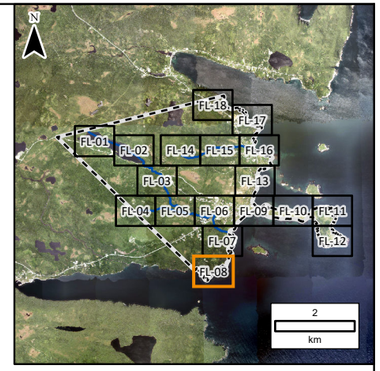
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-07

DECEMBER 2025 | FIGURE 6.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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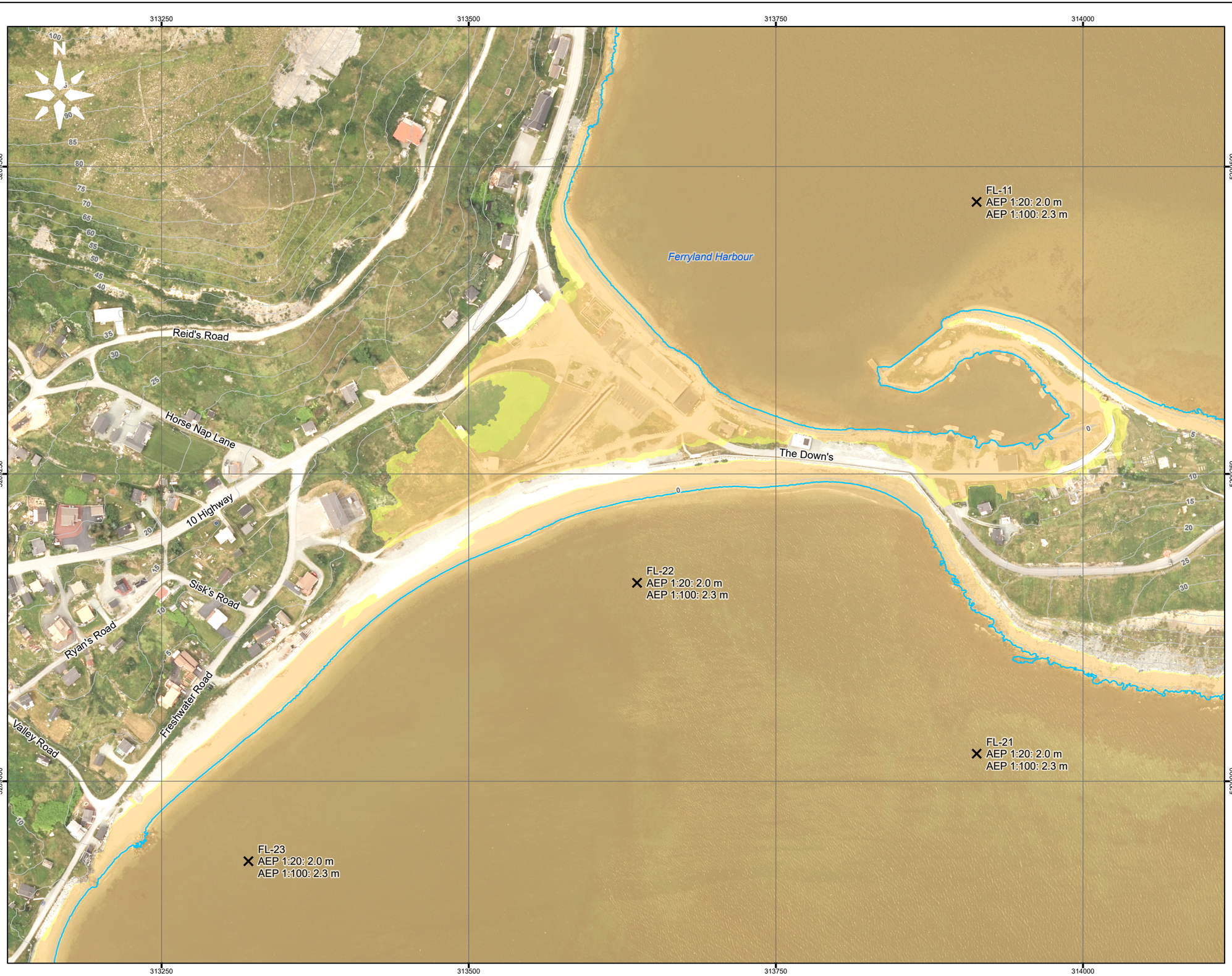
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

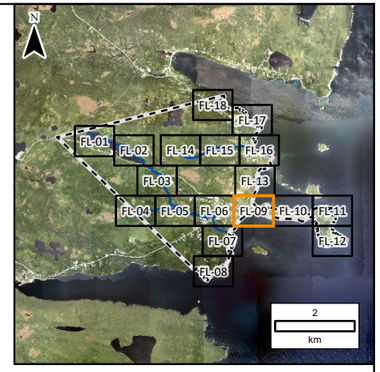
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-08

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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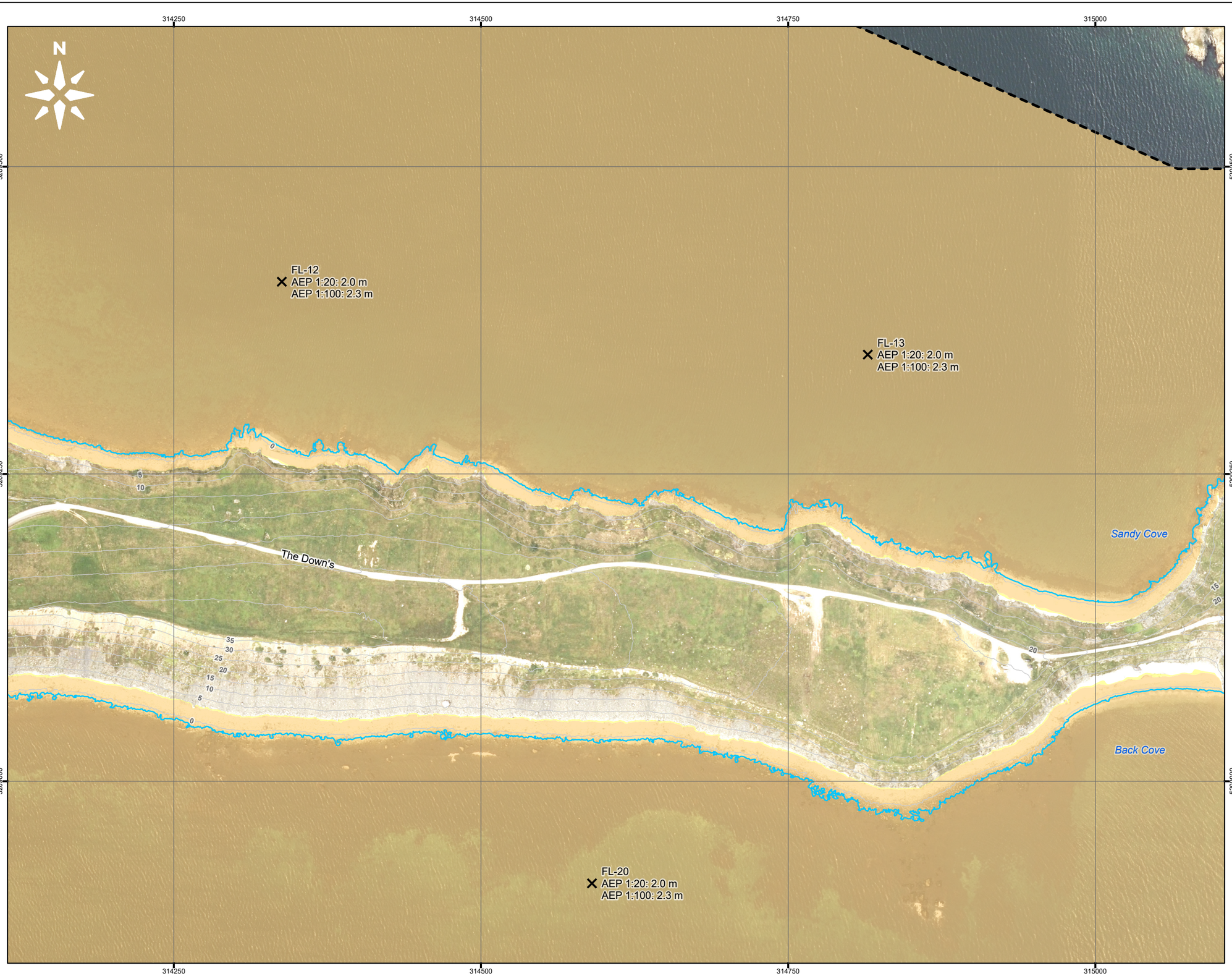
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

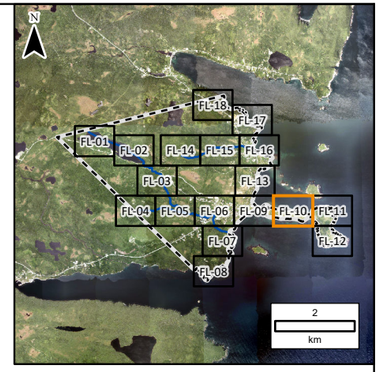
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-09

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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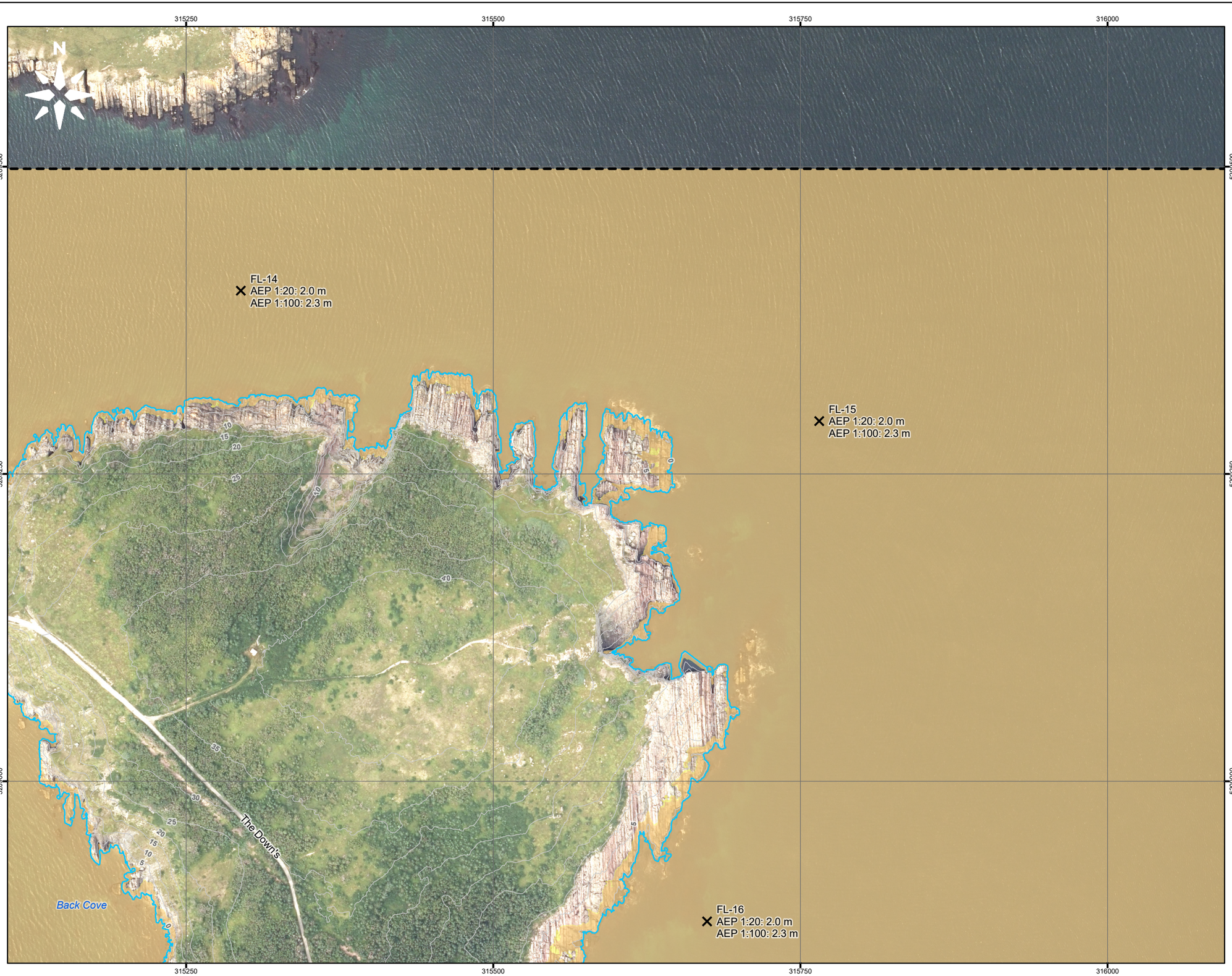
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

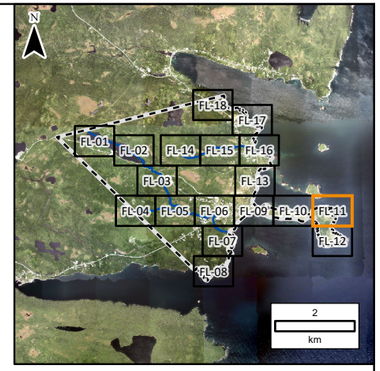
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-10

DECEMBER 2025	FIGURE 6.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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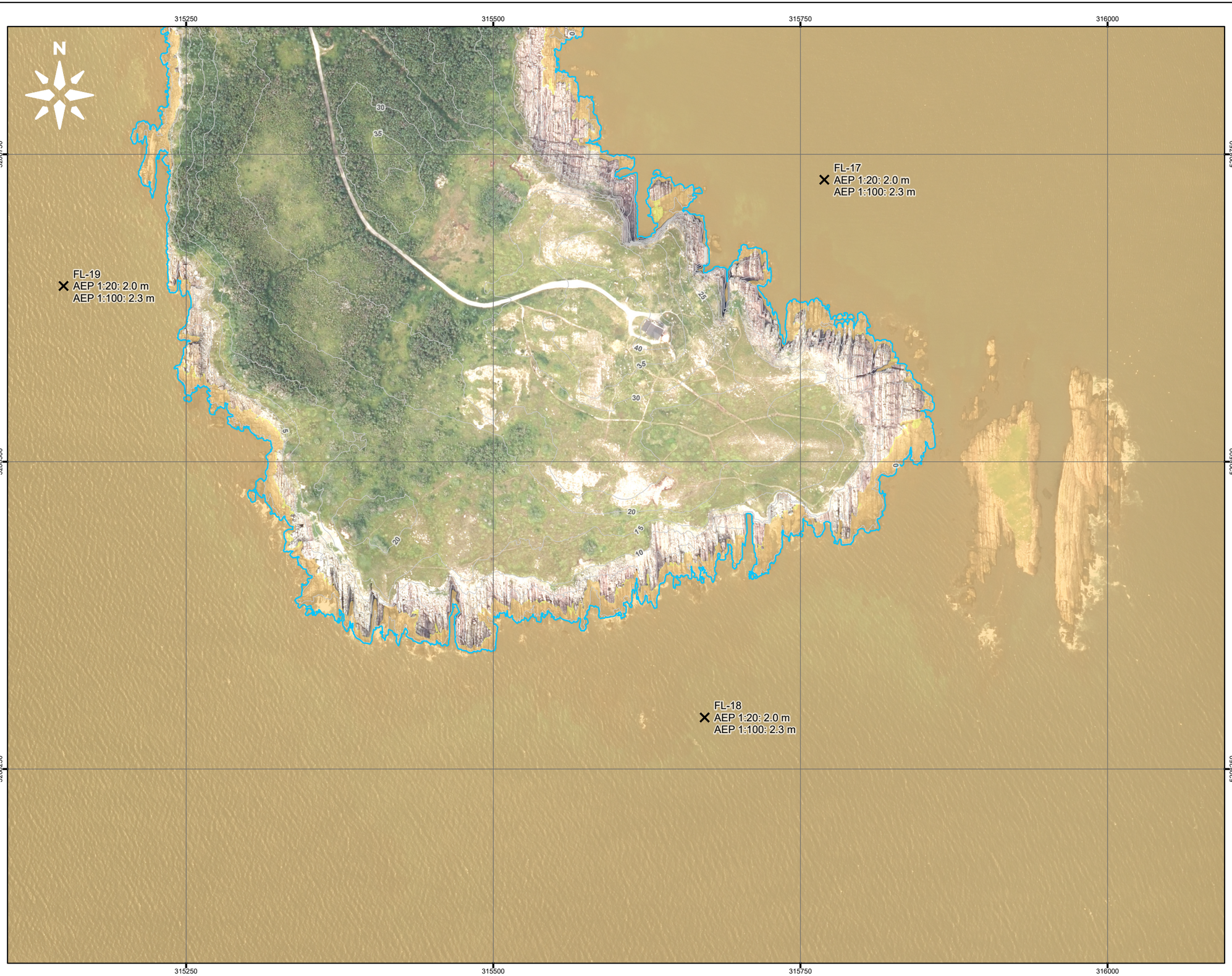
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

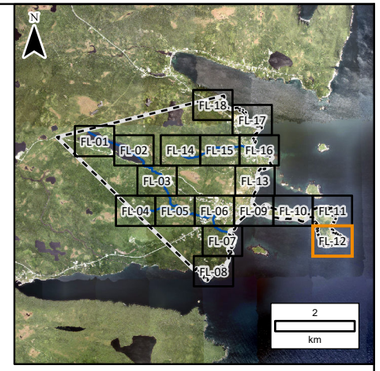
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-11

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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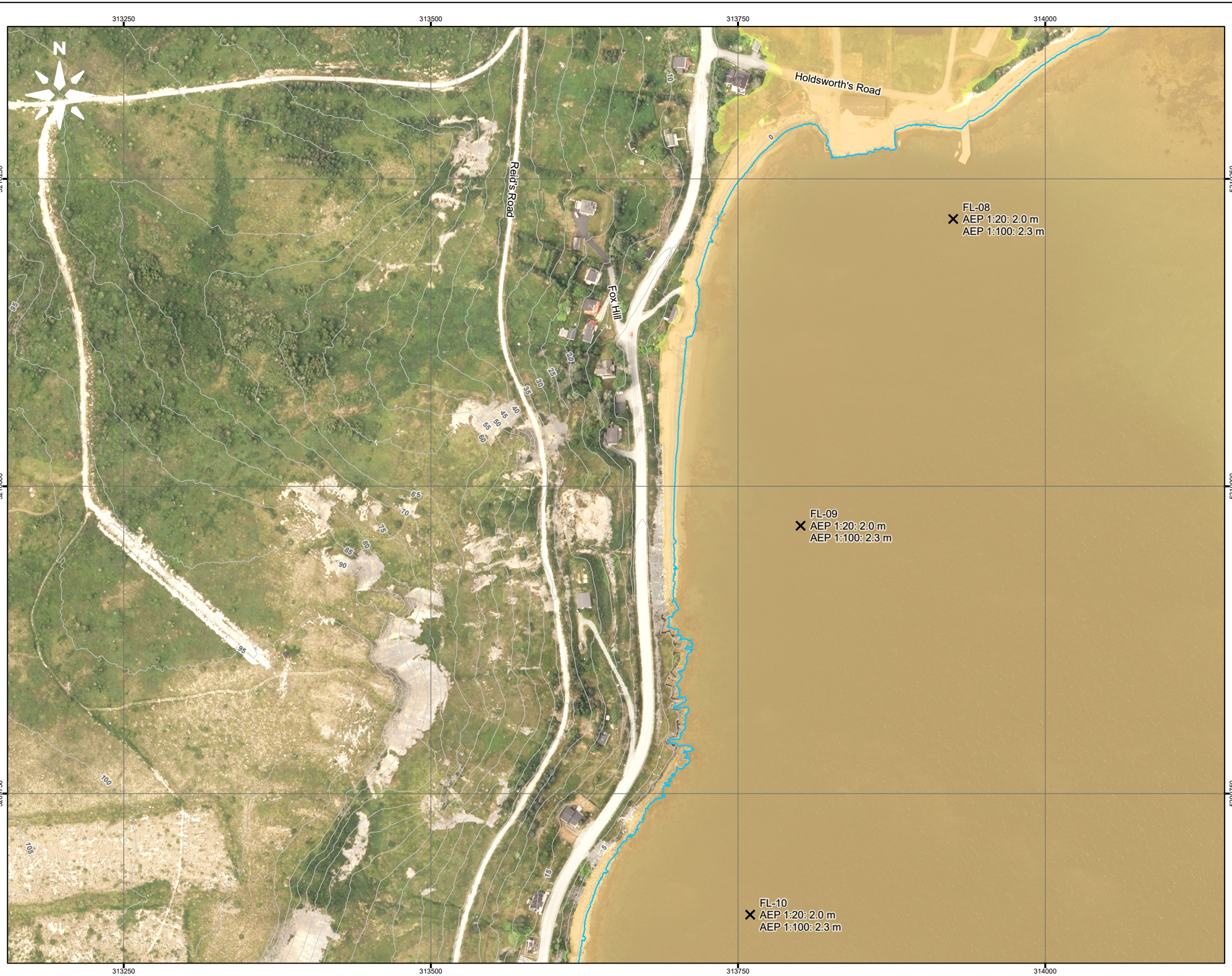
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

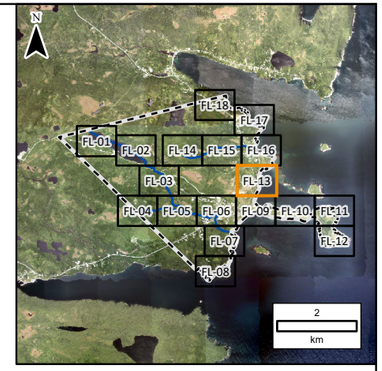
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-12

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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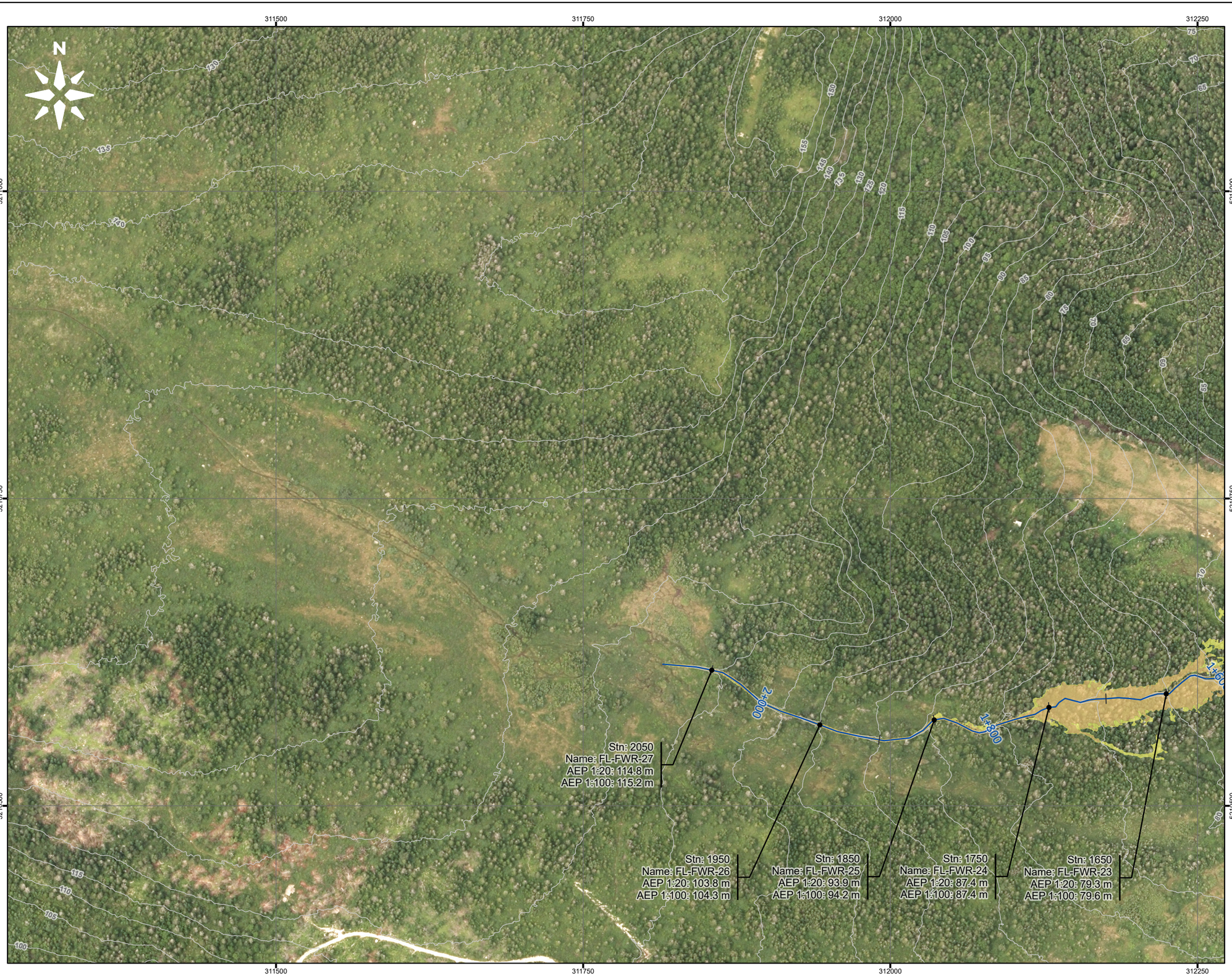
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

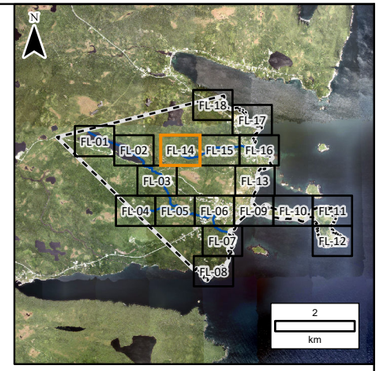
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-13

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-FWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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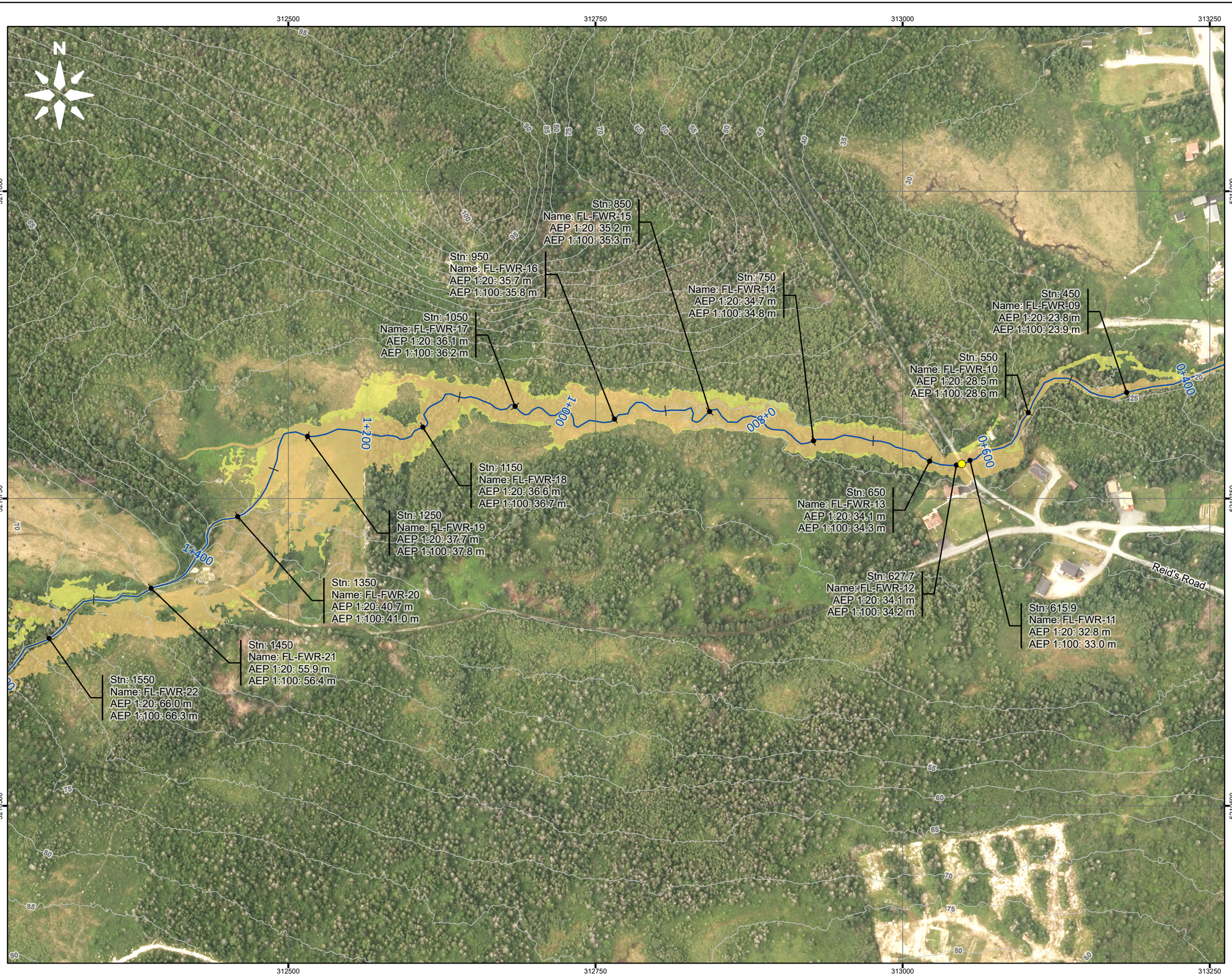
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

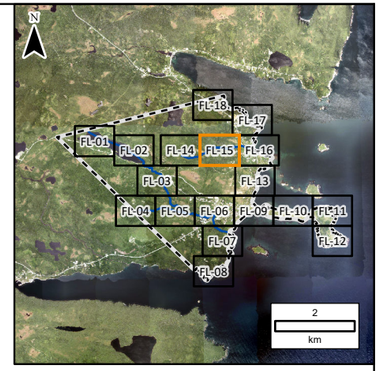
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-14

DECEMBER 2025	FIGURE 6.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-15

DECEMBER 2025	FIGURE 6.2	REV: 0

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11"x17" PLOT SCALE 1:1

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313500 313750 314000 314250

5211000 5210750 5210500

Stn: 350
Name: FL-FWR-08
AEP 1:20: 18.4 m
AEP 1:100: 18.5 m

Stn: 250
Name: FL-FWR-07
AEP 1:20: 13.5 m
AEP 1:100: 13.6 m

Stn: 217.1
Name: FL-FWR-06
AEP 1:20: 12.8 m
AEP 1:100: 13.2 m

Stn: 188.6
Name: FL-FWR-05
AEP 1:20: 10.4 m
AEP 1:100: 10.5 m

Stn: 150
Name: FL-FWR-04
AEP 1:20: 8.0 m
AEP 1:100: 8.1 m

Stn: 121
Name: FL-FWR-03
AEP 1:20: 7.8 m
AEP 1:100: 7.9 m

Stn: 108.8
Name: FL-FWR-02
AEP 1:20: 5.3 m
AEP 1:100: 5.4 m

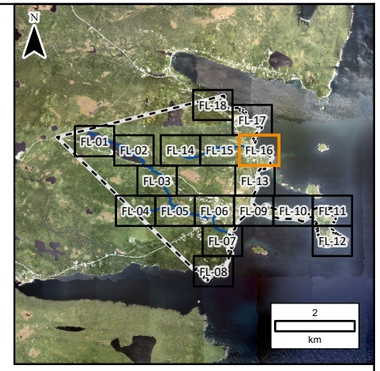
Stn: 50
Name: FL-FWR-01
AEP 1:20: 2.0 m
AEP 1:100: 2.3 m

FL-05
AEP 1:20: 2.0 m
AEP 1:100: 2.3 m

FL-06
AEP 1:20: 2.0 m
AEP 1:100: 2.3 m

FL-07
AEP 1:20: 2.0 m
AEP 1:100: 2.3 m

Freshwater Cove
Caplin Cove
Bay Ridge Road
Bay Ridge
10 Highway
Sunnyhill Road



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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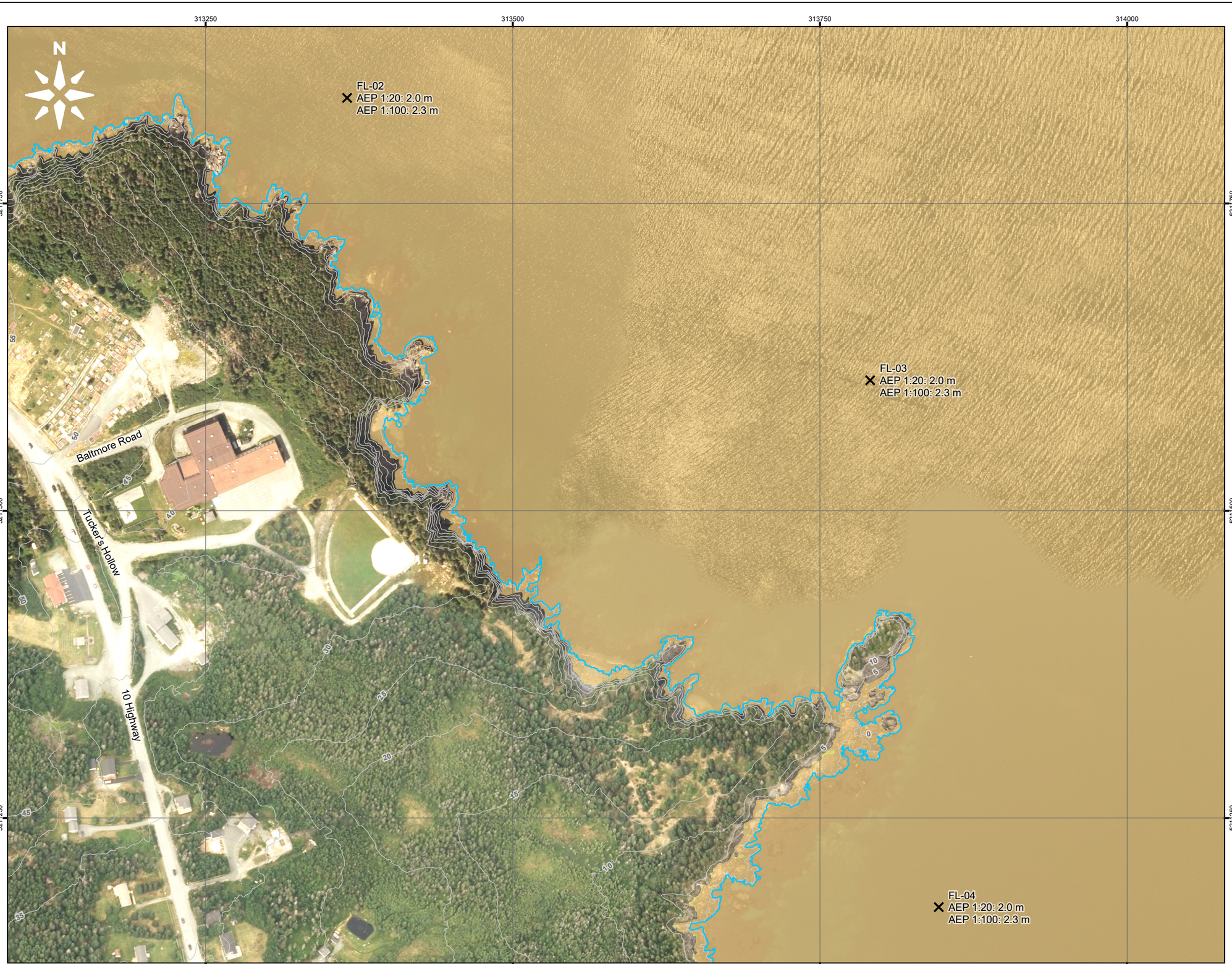
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

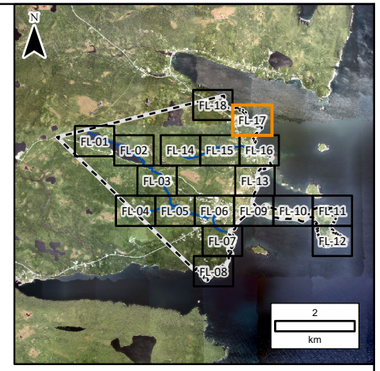
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-16

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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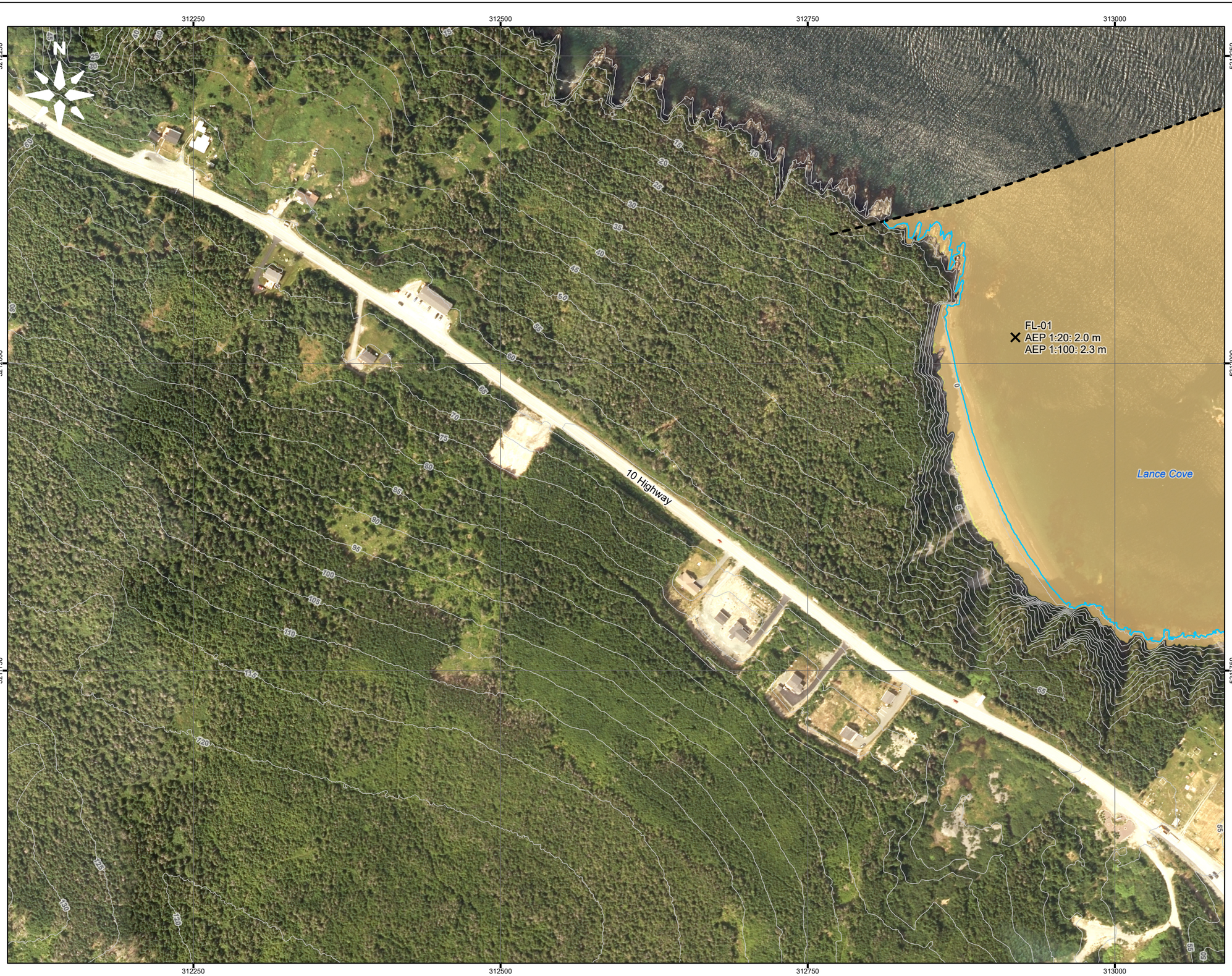
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

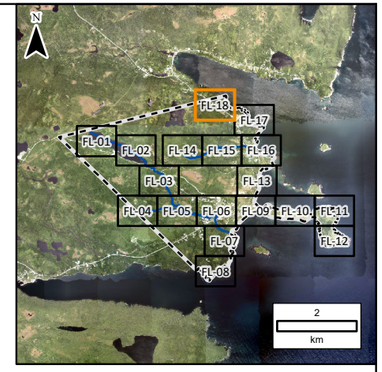
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - FL-17

DECEMBER 2025 | FIGURE 6.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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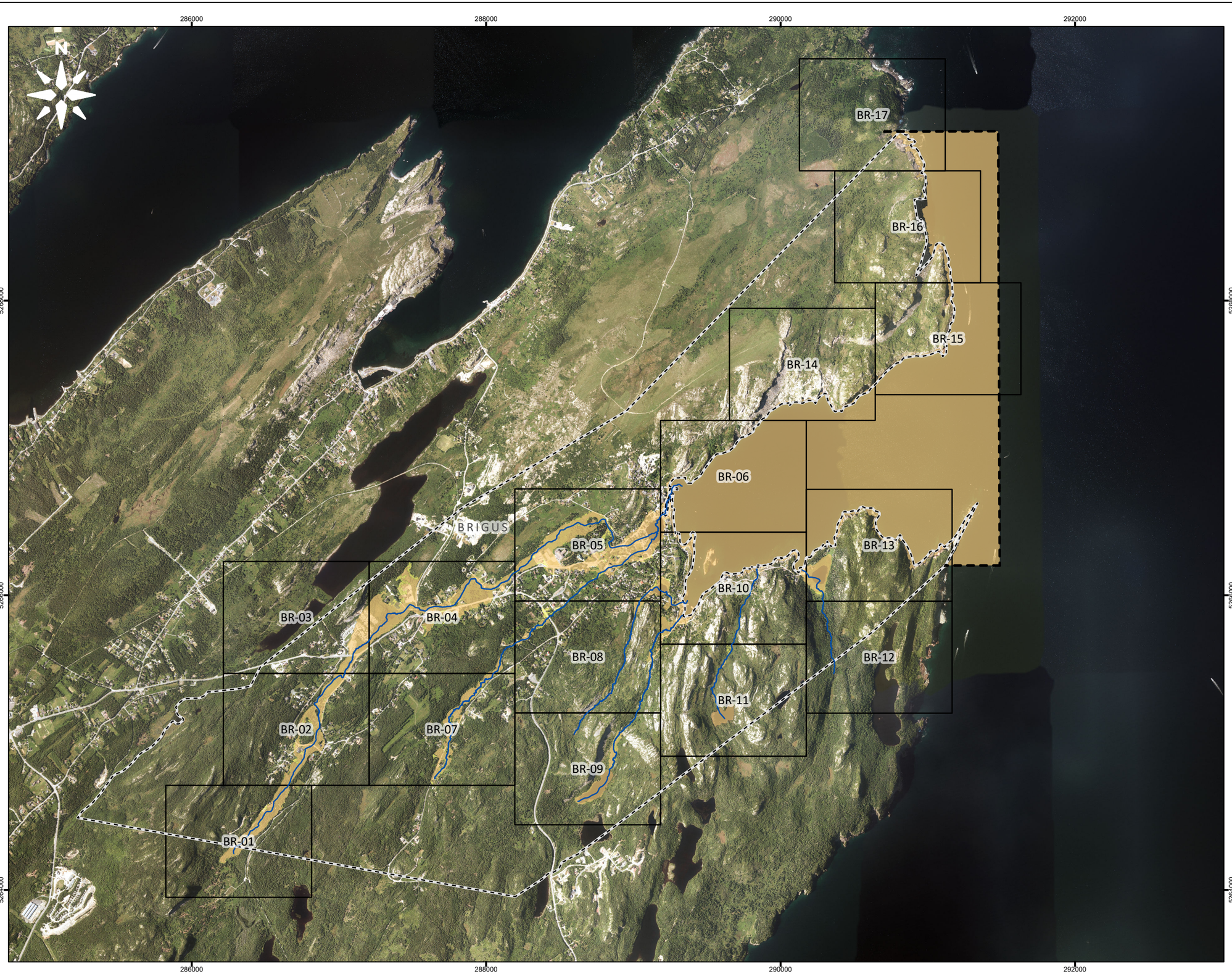
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - FL-18

DECEMBER 2025 | FIGURE 6.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig6.2
11"x17" PLOT SCALE 1:1

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LEGEND:

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

NOTES:

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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

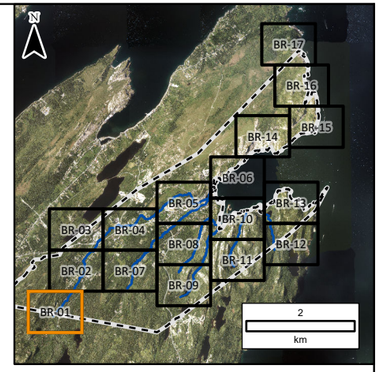
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 7.1 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

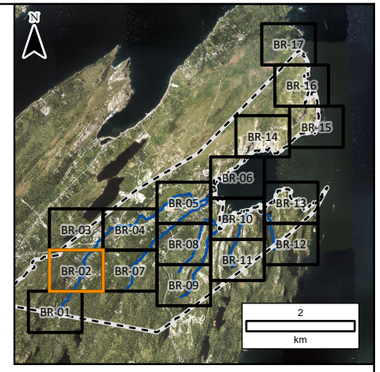
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-01

DECEMBER 2025	FIGURE 7.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

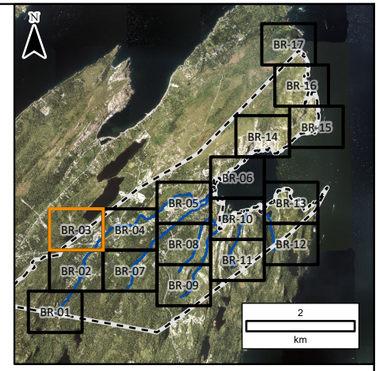
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-02

DECEMBER 2025	FIGURE 7.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

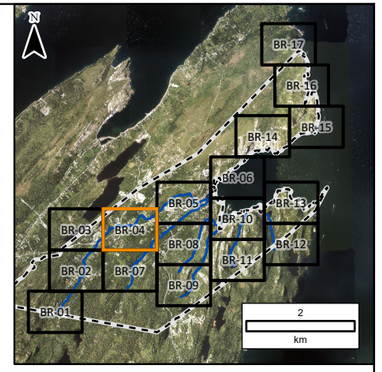
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-03

DECEMBER 2025	FIGURE 7.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

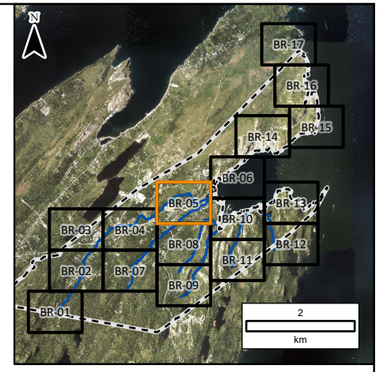
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-04

DECEMBER 2025 | FIGURE 7.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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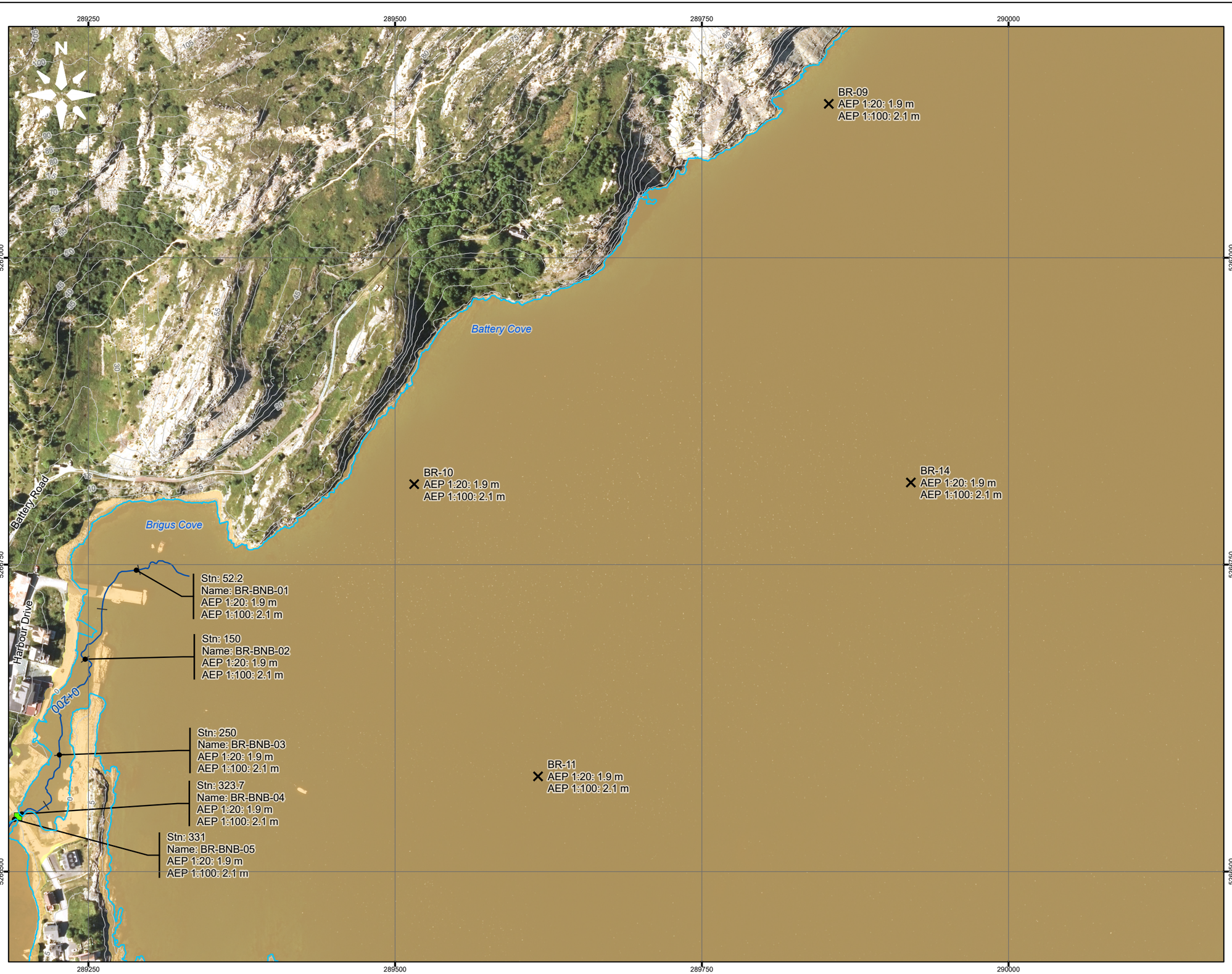
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

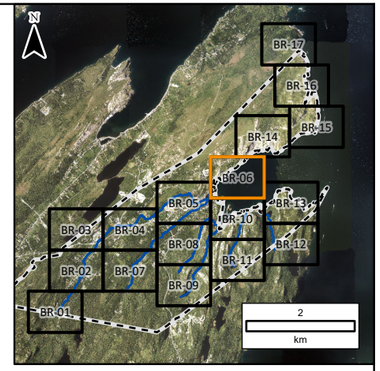
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-05

DECEMBER 2025 | FIGURE 7.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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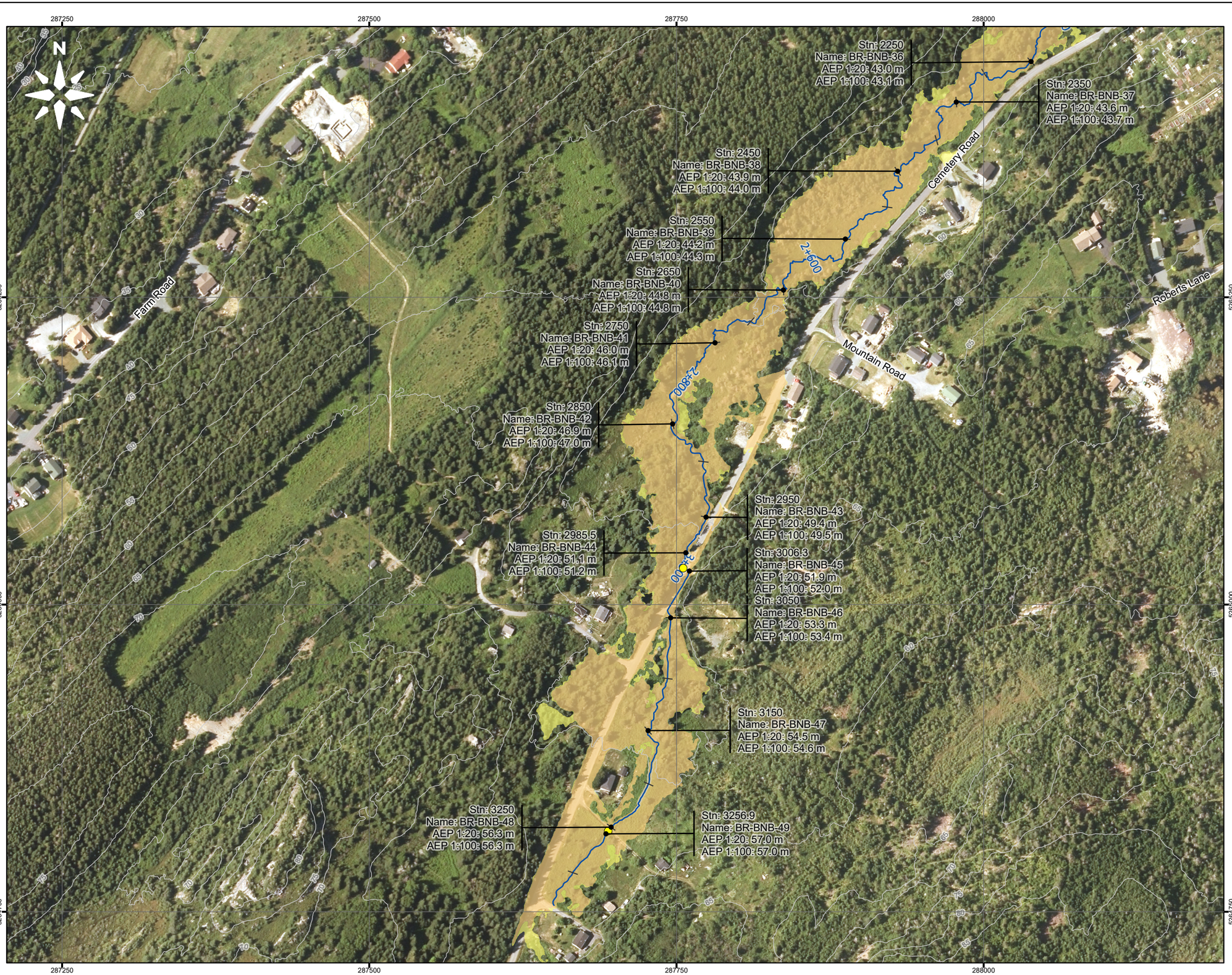
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

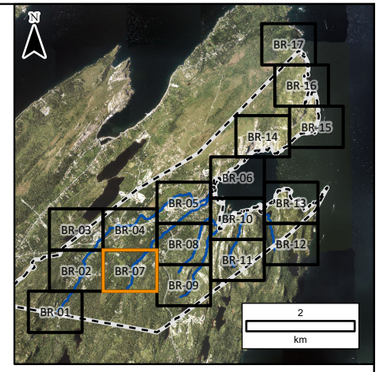
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-06

DECEMBER 2025 | FIGURE 7.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

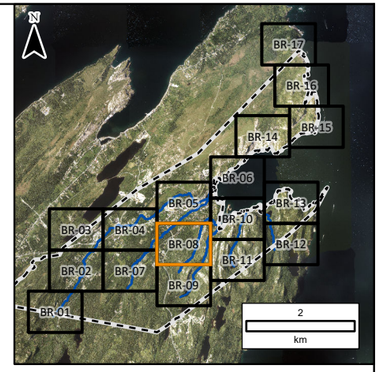
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-07

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 Canada

CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-08

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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288250 288500 288750 289000

5265000 5264750 5264500

N

Stn: 1550
Name: BR-AB-28
AEP 1:20: 49.8 m
AEP 1:100: 49.8 m

Stn: 1650
Name: BR-AB-29
AEP 1:20: 55.9 m
AEP 1:100: 56.0 m

Stn: 950
Name: BR-LC1-13
AEP 1:20: 51.0 m
AEP 1:100: 51.0 m

Stn: 1050
Name: BR-LC1-14
AEP 1:20: 61.3 m
AEP 1:100: 61.3 m

Stn: 1150
Name: BR-LC1-15
AEP 1:20: 69.5 m
AEP 1:100: 69.6 m

Stn: 1250
Name: BR-LC1-16
AEP 1:20: 70.7 m
AEP 1:100: 70.8 m

Stn: 1350
Name: BR-LC1-17
AEP 1:20: 71.5 m
AEP 1:100: 71.6 m

Stn: 1450
Name: BR-LC1-18
AEP 1:20: 72.1 m
AEP 1:100: 72.1 m

Stn: 1550
Name: BR-LC1-19
AEP 1:20: 72.3 m
AEP 1:100: 72.4 m

Stn: 1650
Name: BR-LC1-20
AEP 1:20: 72.3 m
AEP 1:100: 72.4 m

Stn: 1750
Name: BR-LC1-21
AEP 1:20: 72.3 m
AEP 1:100: 72.4 m

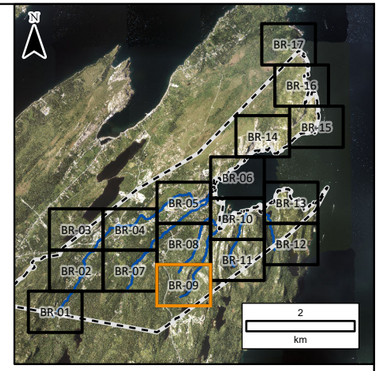
1+600 1+000 1+200 1+400 1+600 1+800

Conception Bay Highway

First Pond

Second Pond

Chalker's Pond



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-09

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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289250 289500 289750 290000

5266250 5266000 5265750

Jane's Hill
Church Hill
The Walk
South Side Road
Frog Marsh Cove
0+200
0+400
0+600

BR-13
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

BR-12
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 250
Name: BR-AB-13
AEP 1:20: 6.9 m
AEP 1:100: 7.2 m

Stn: 215.7
Name: BR-AB-12
AEP 1:20: 6.9 m
AEP 1:100: 7.2 m

Stn: 205.8
Name: BR-AB-11
AEP 1:20: 6.5 m
AEP 1:100: 6.7 m

Stn: 184.5
Name: BR-AB-10
AEP 1:20: 4.8 m
AEP 1:100: 4.8 m

Stn: 177.5
Name: BR-AB-09
AEP 1:20: 4.8 m
AEP 1:100: 4.8 m

Stn: 150
Name: BR-AB-08
AEP 1:20: 4.8 m
AEP 1:100: 4.8 m

Stn: 143
Name: BR-AB-07
AEP 1:20: 4.8 m
AEP 1:100: 4.8 m

Stn: 132.3
Name: BR-AB-06
AEP 1:20: 4.4 m
AEP 1:100: 4.6 m

Stn: 50
Name: BR-AB-01
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 66.3
Name: BR-AB-02
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 104.3
Name: BR-AB-03
AEP 1:20: 2.3 m
AEP 1:100: 2.3 m

Stn: 117
Name: BR-AB-04
AEP 1:20: 3.5 m
AEP 1:100: 3.6 m

Stn: 127.6
Name: BR-AB-05
AEP 1:20: 4.4 m
AEP 1:100: 4.6 m

Stn: 50
Name: BR-LC1-01
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 67.5
Name: BR-LC1-02
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 150
Name: BR-LC1-03
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 34.6
Name: BR-LC2-01
AEP 1:20: 5.7 m
AEP 1:100: 6.0 m

Stn: 111.2
Name: BR-LC2-04
AEP 1:20: 11.9 m
AEP 1:100: 12.0 m

Stn: 50
Name: BR-LC2-02
AEP 1:20: 7.3 m
AEP 1:100: 7.4 m

Stn: 83.7
Name: BR-LC2-03
AEP 1:20: 11.3 m
AEP 1:100: 11.3 m

Stn: 118.6
Name: BR-LC2-05
AEP 1:20: 12.7 m
AEP 1:100: 12.9 m

Stn: 150
Name: BR-LC2-06
AEP 1:20: 13.0 m
AEP 1:100: 13.1 m

Stn: 250
Name: BR-LC2-07
AEP 1:20: 17.8 m
AEP 1:100: 17.9 m

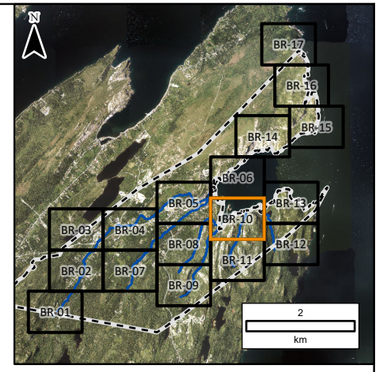
Stn: 350
Name: BR-LC2-08
AEP 1:20: 20.7 m
AEP 1:100: 20.8 m

Stn: 450
Name: BR-LC2-09
AEP 1:20: 26.9 m
AEP 1:100: 27.0 m

Stn: 550
Name: BR-LC2-10
AEP 1:20: 31.6 m
AEP 1:100: 31.7 m

Stn: 9.9
Name: BR-LC3-01
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m

Stn: 27
Name: BR-LC3-02
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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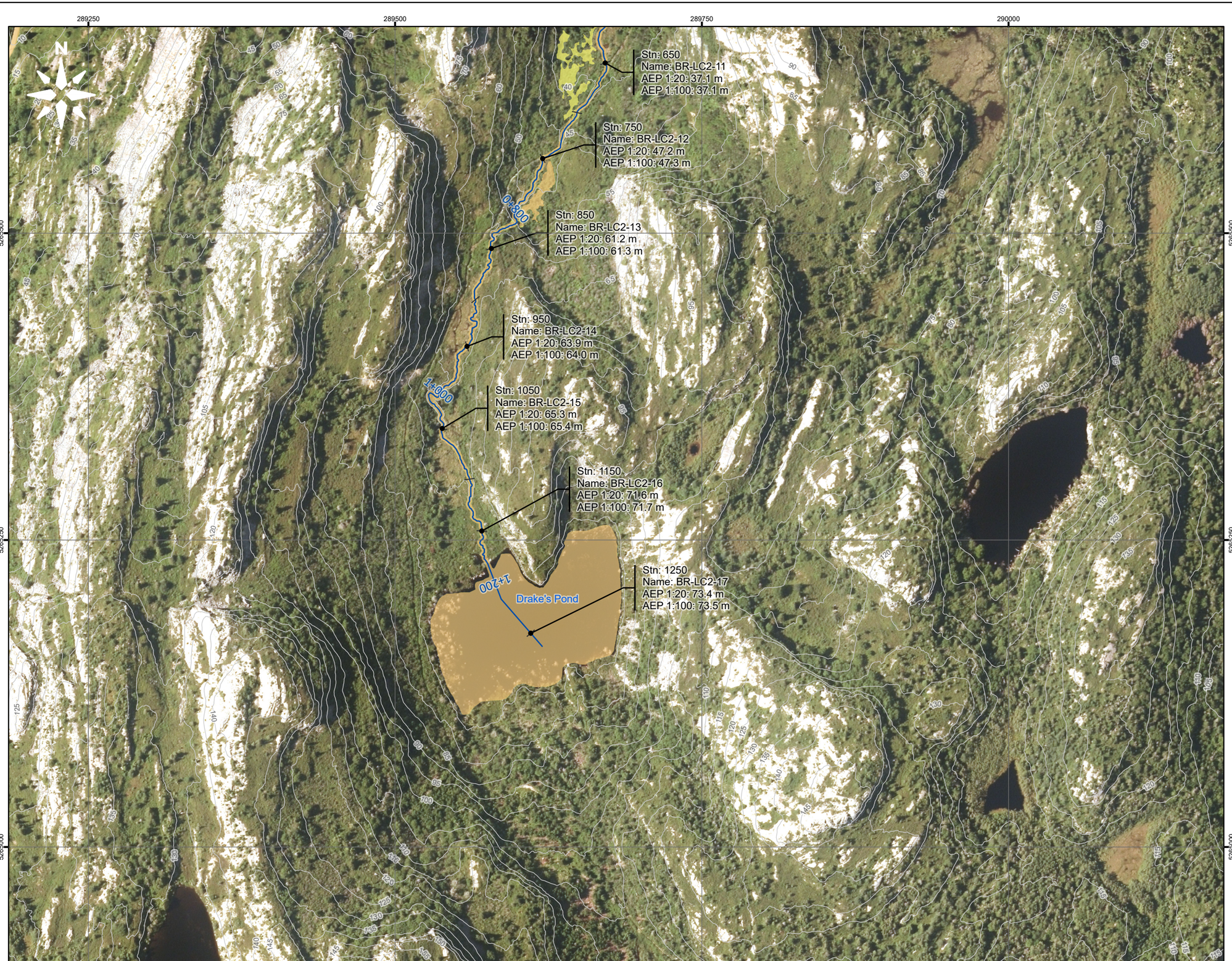
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

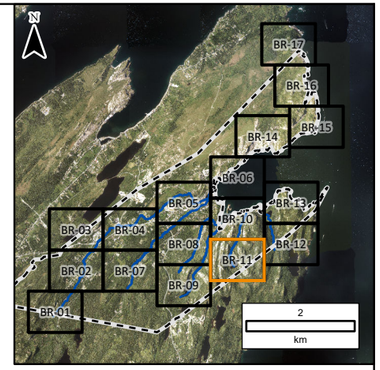
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-10

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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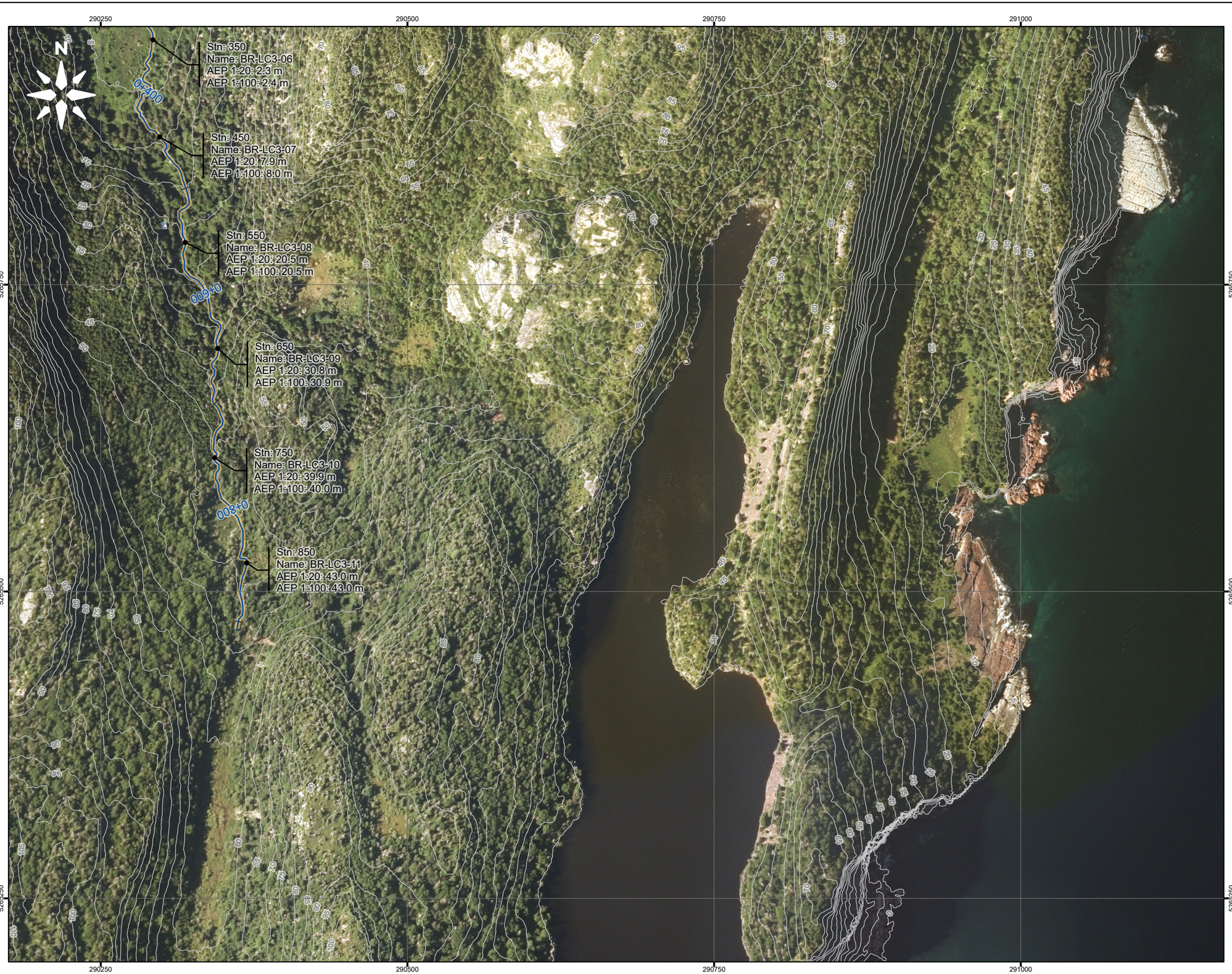
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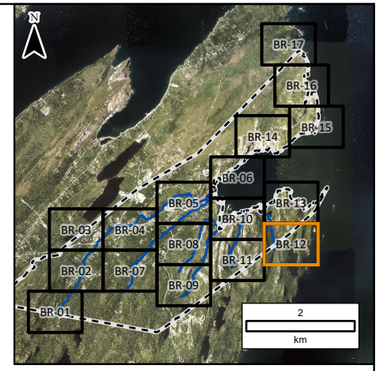
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-11

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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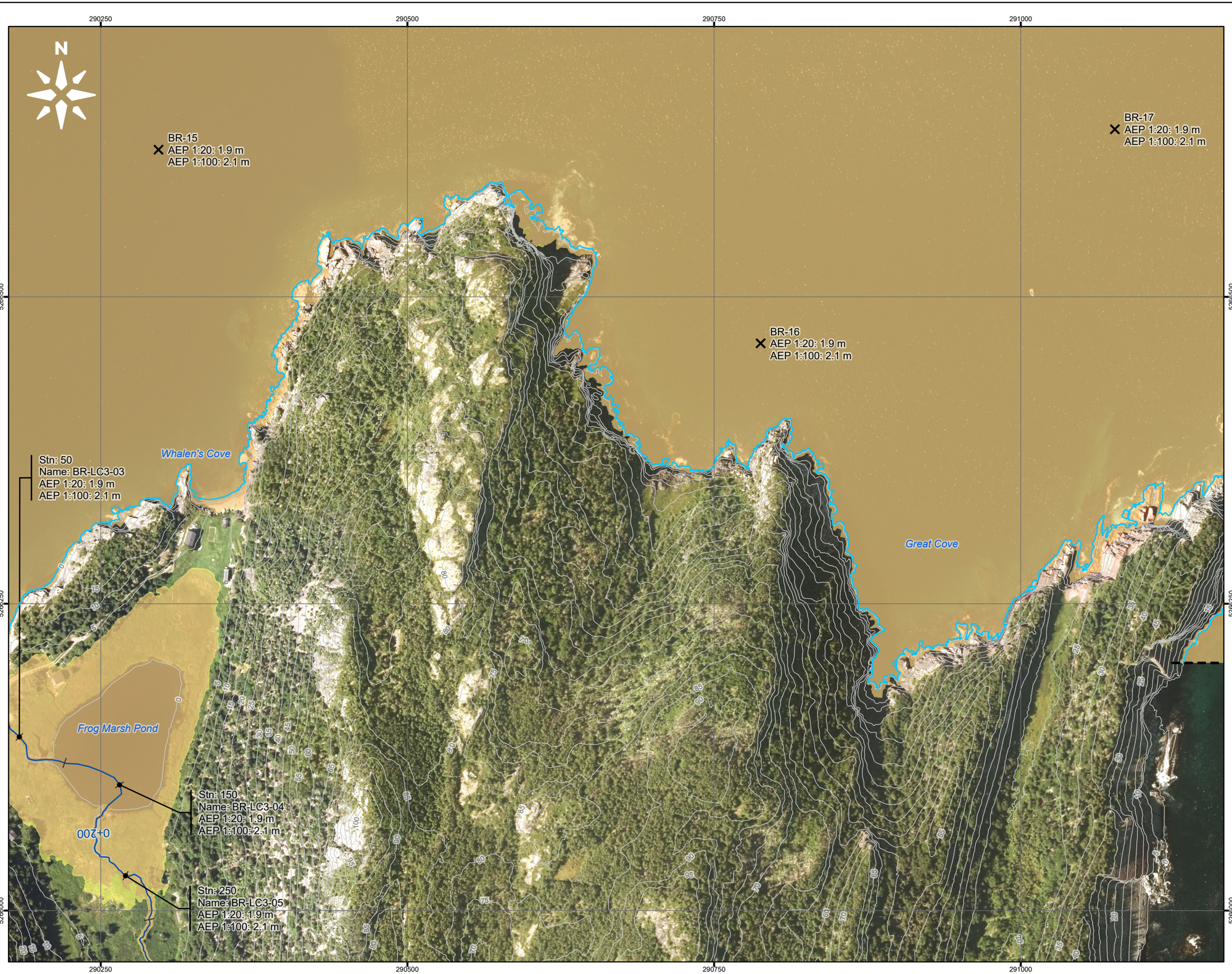
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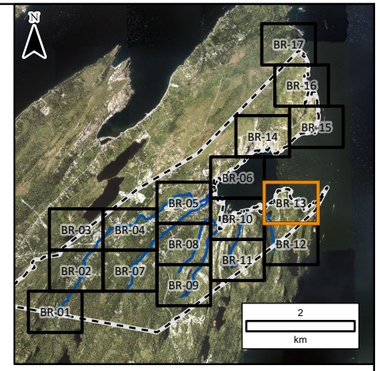
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-12

DECEMBER 2025 | FIGURE 7.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 Canada

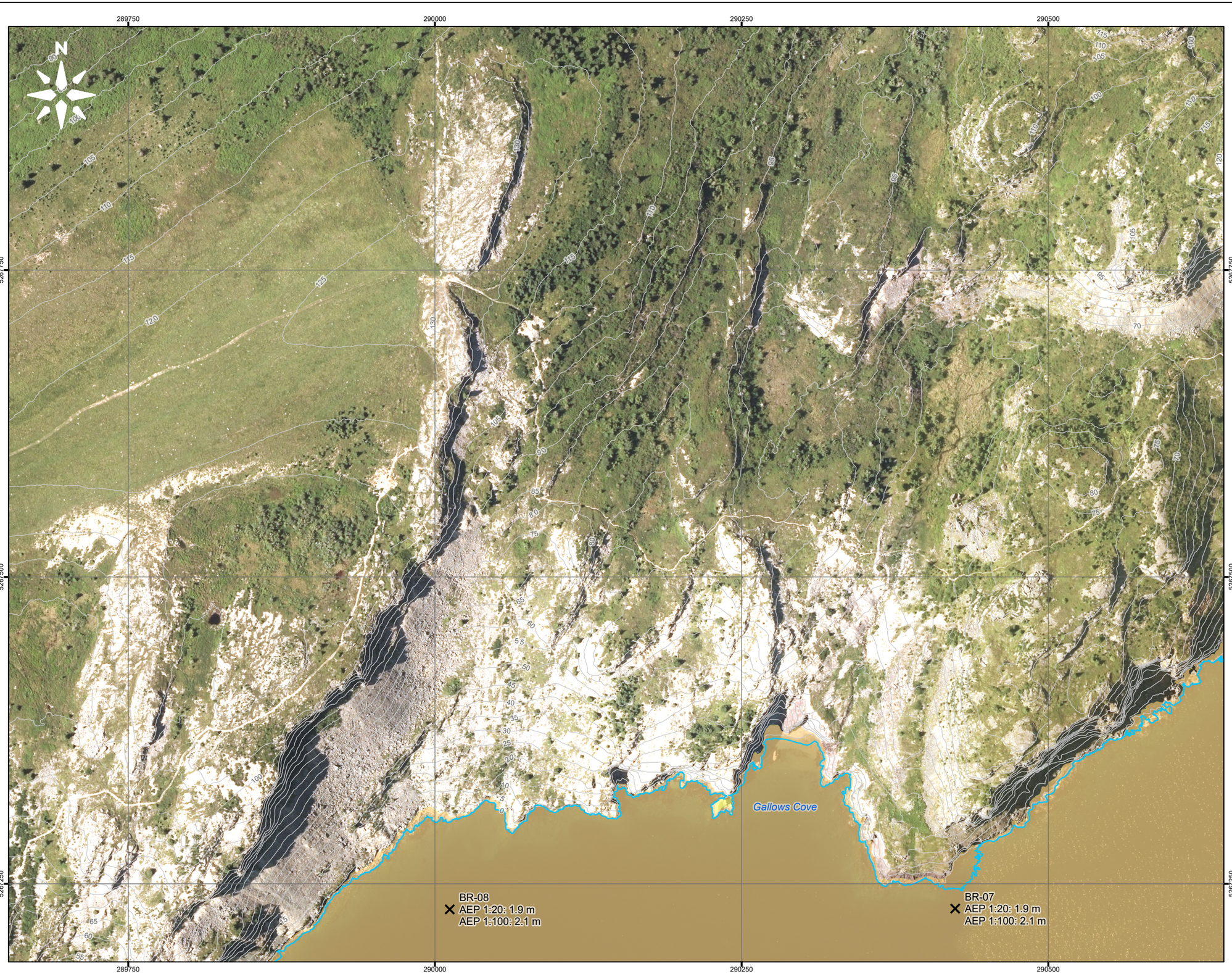
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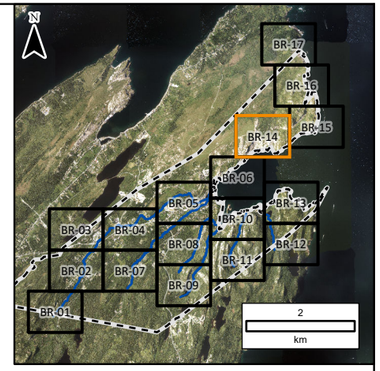
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-13

DECEMBER 2025 | FIGURE 7.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- 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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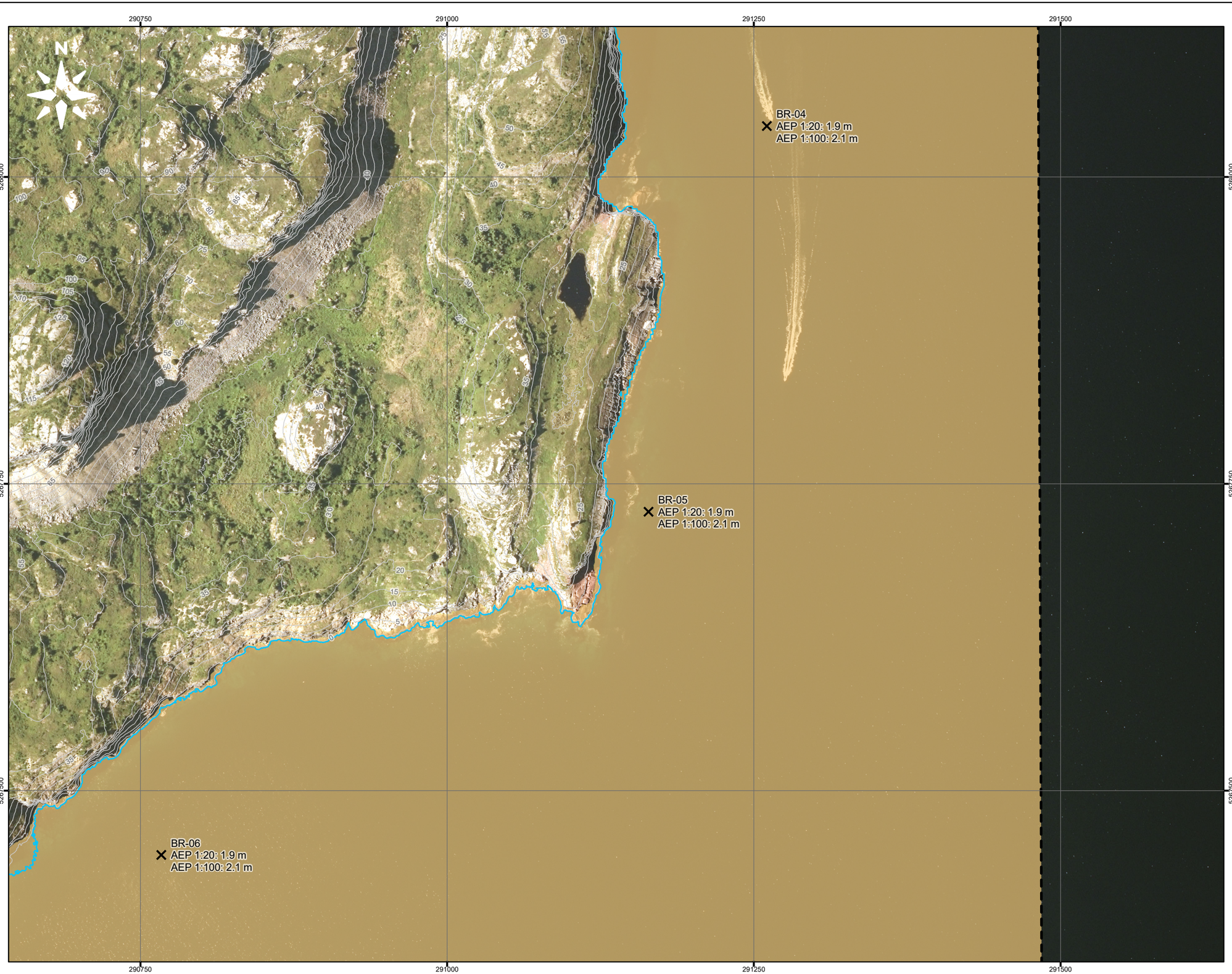
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

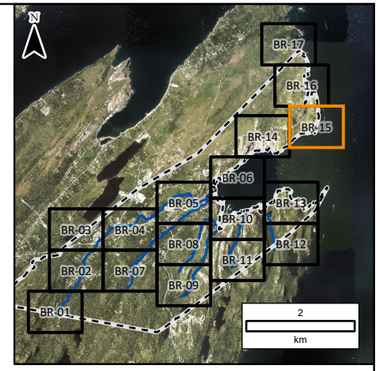
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-14

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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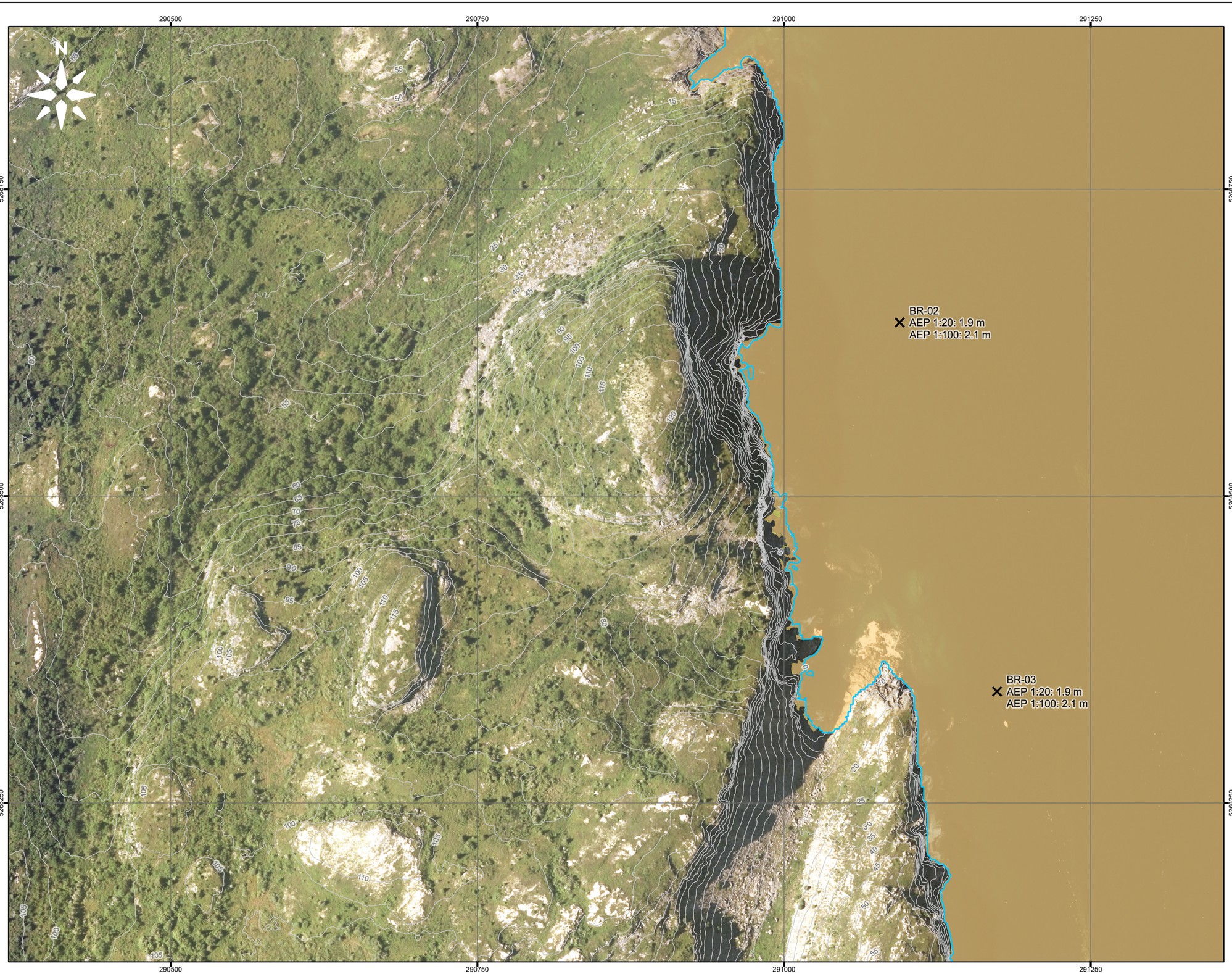
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

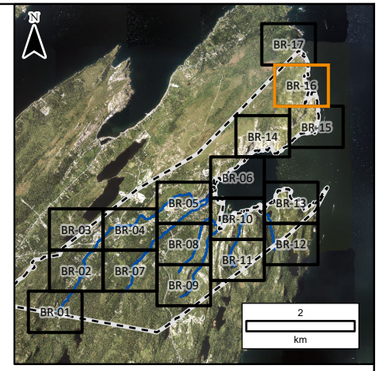
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-15

DECEMBER 2025	FIGURE 7.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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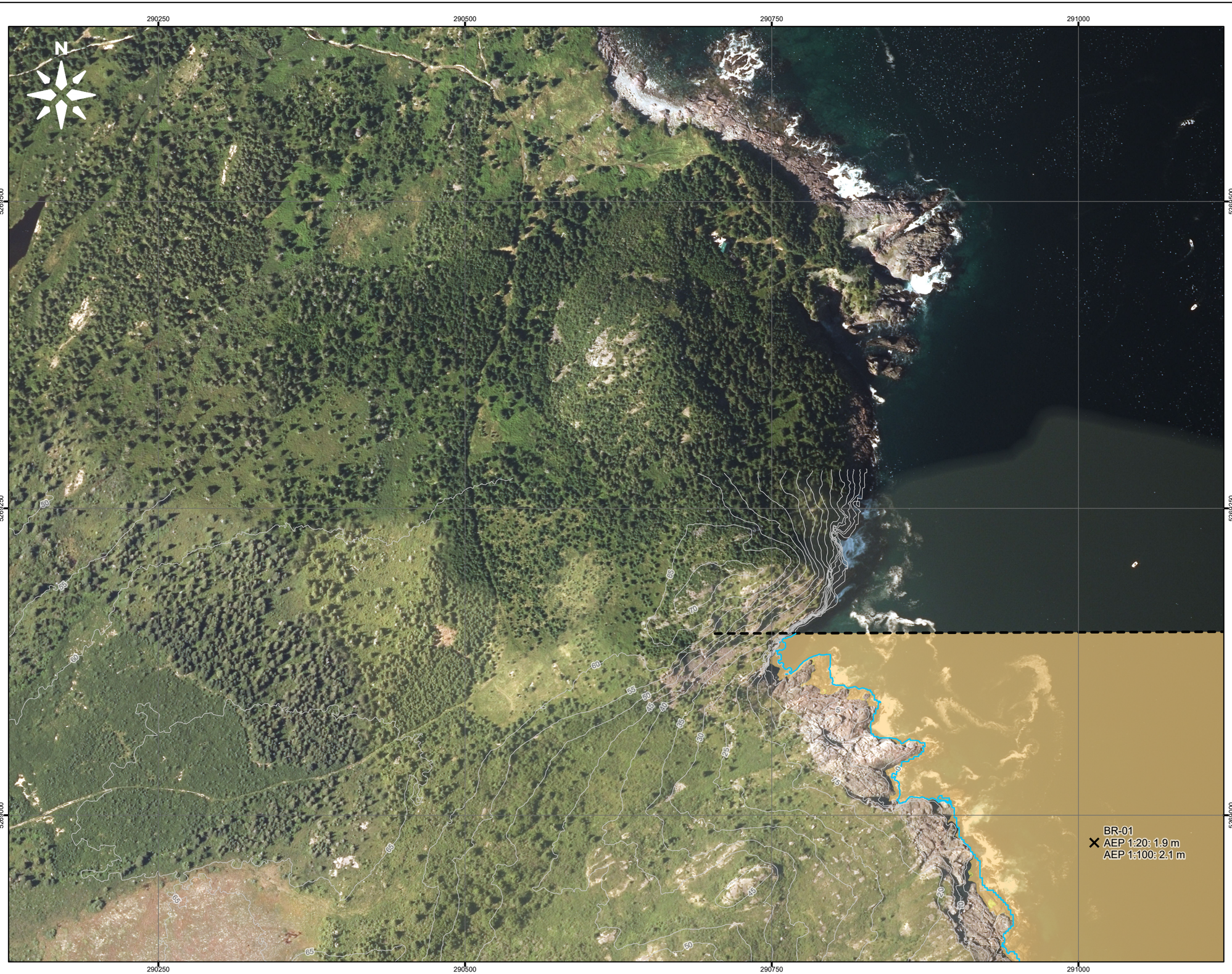
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

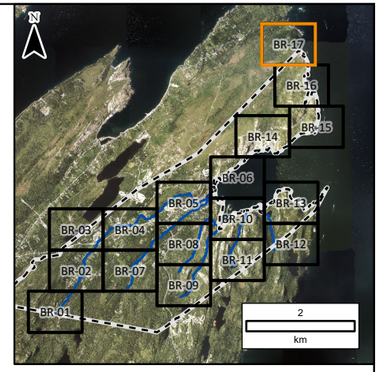
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-16

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-FWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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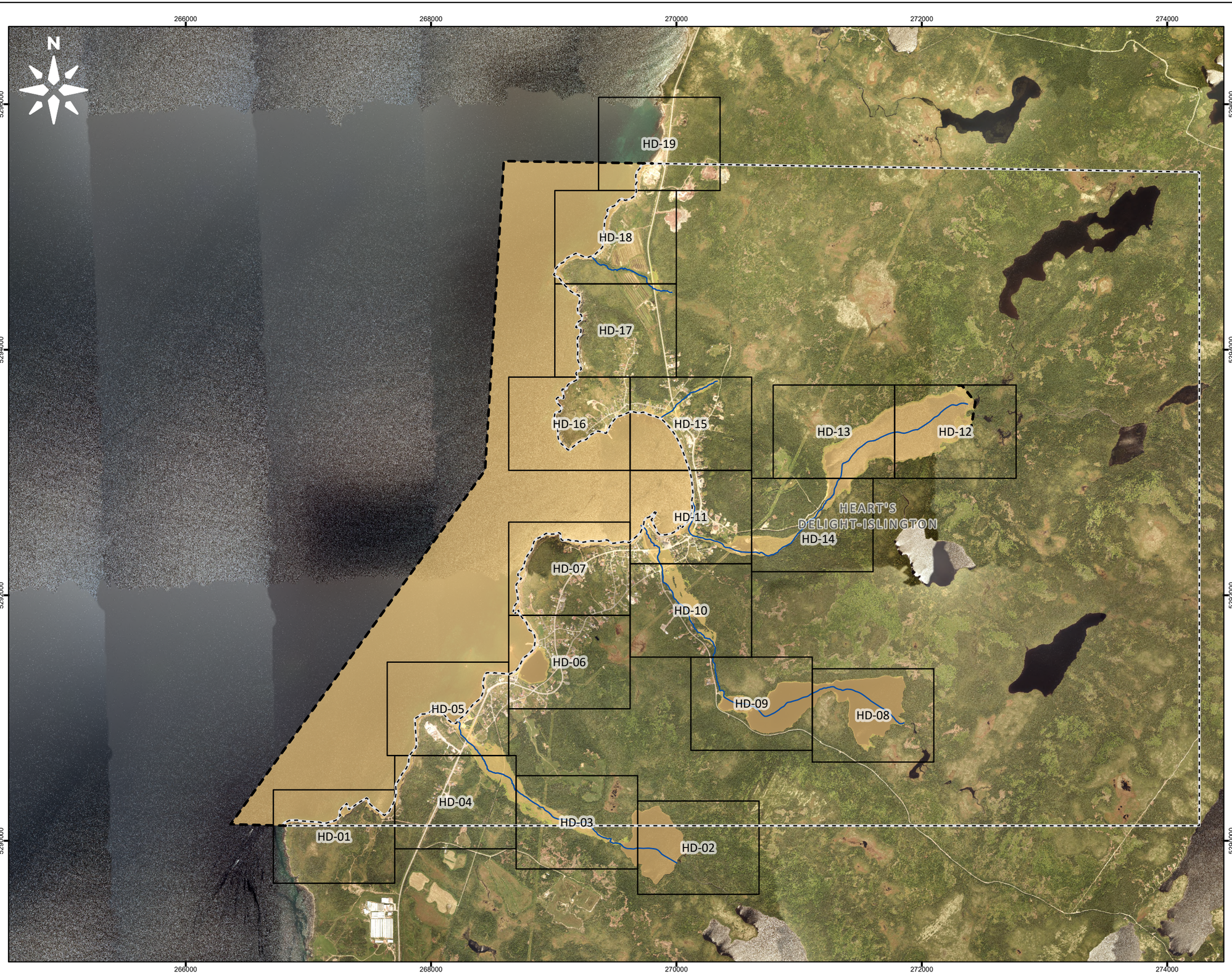
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-17

DECEMBER 2025 | FIGURE 7.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Map Extent
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

NOTES:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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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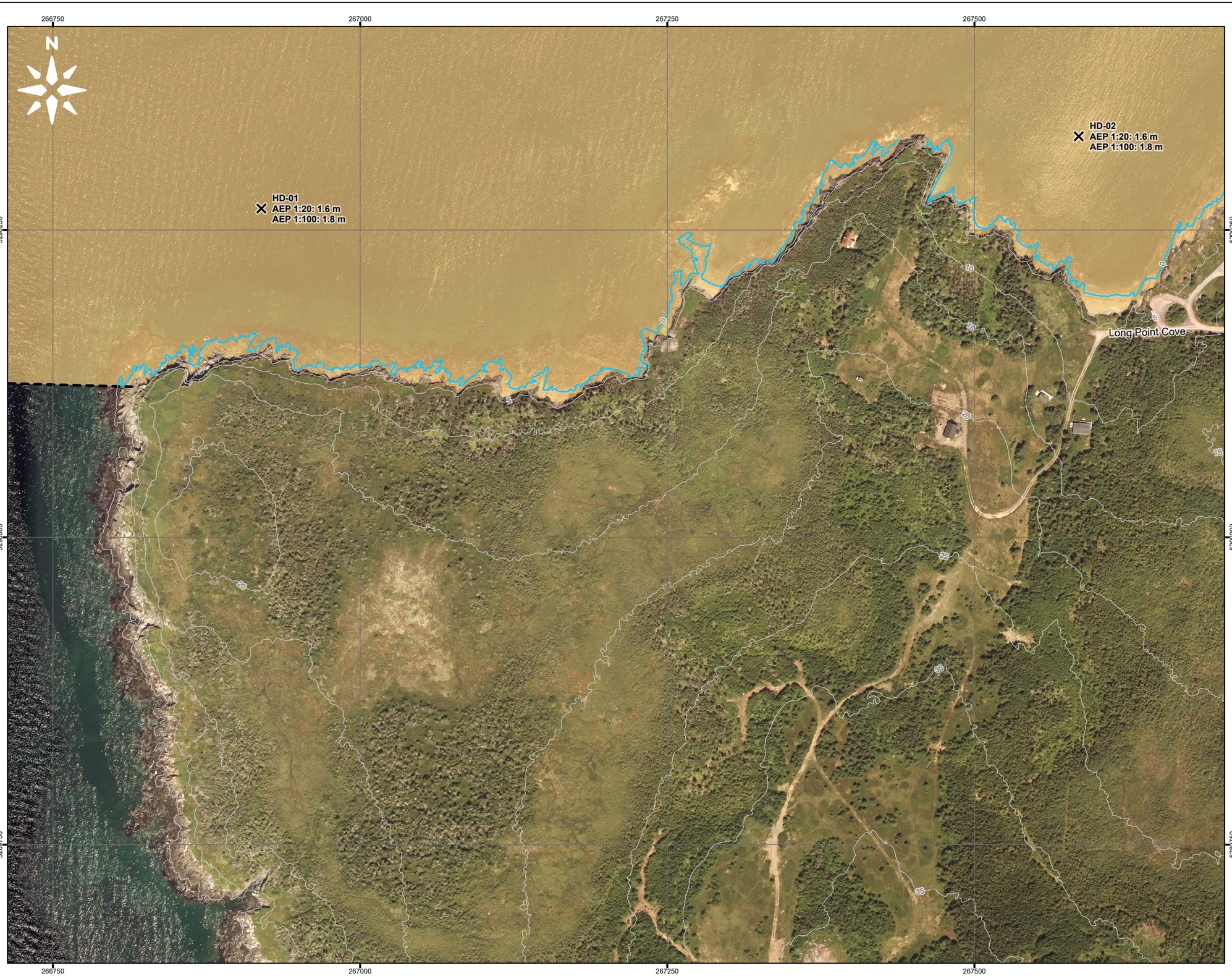
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

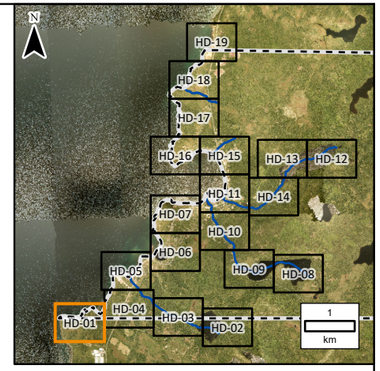
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 10.1 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping aprx 22-3217-002-Fig10.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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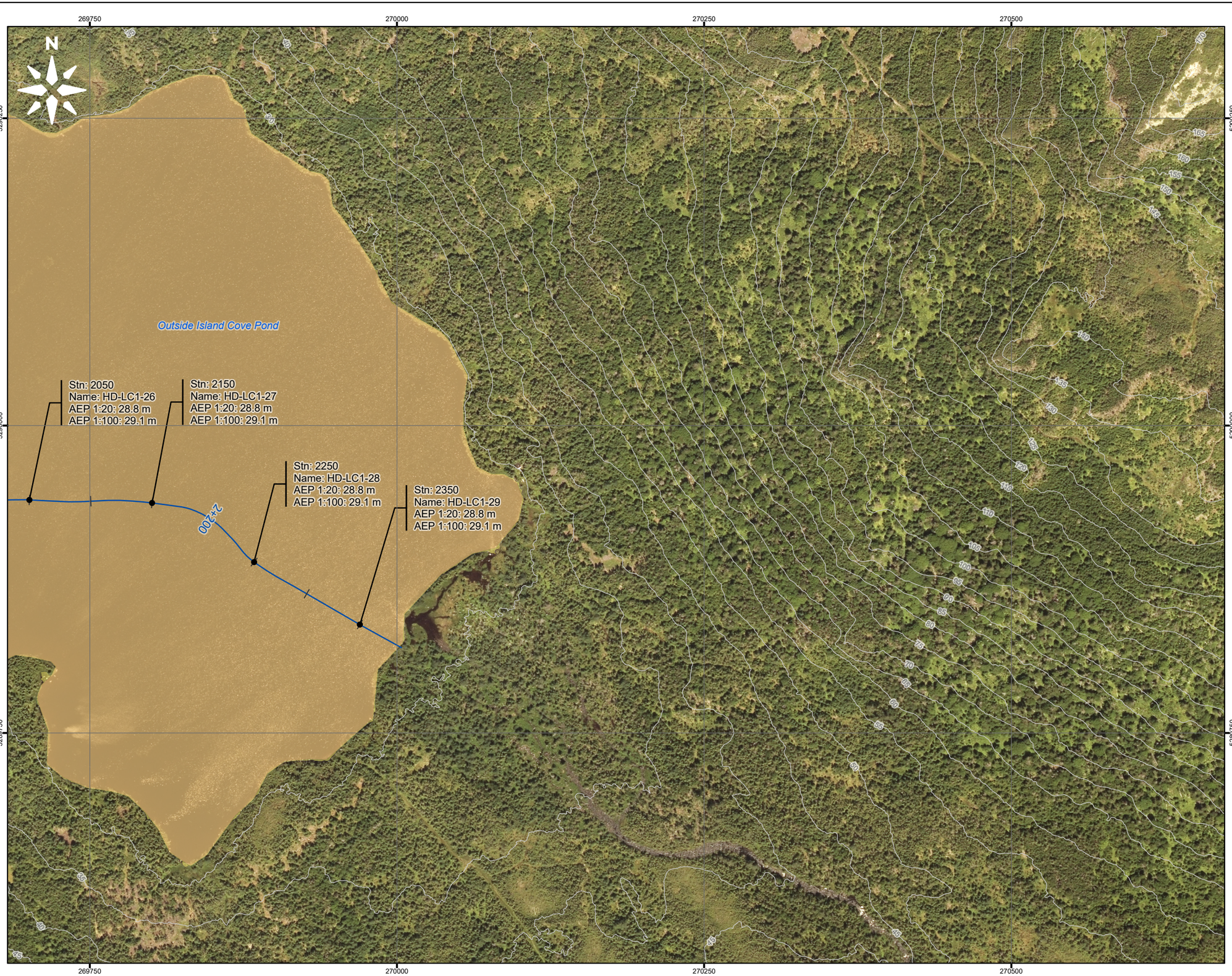
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

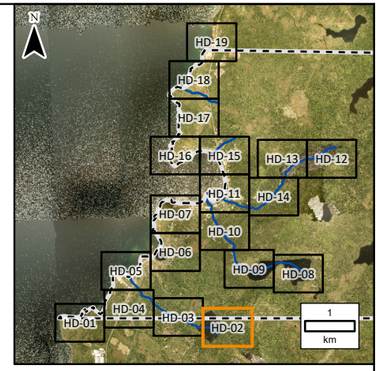
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-01

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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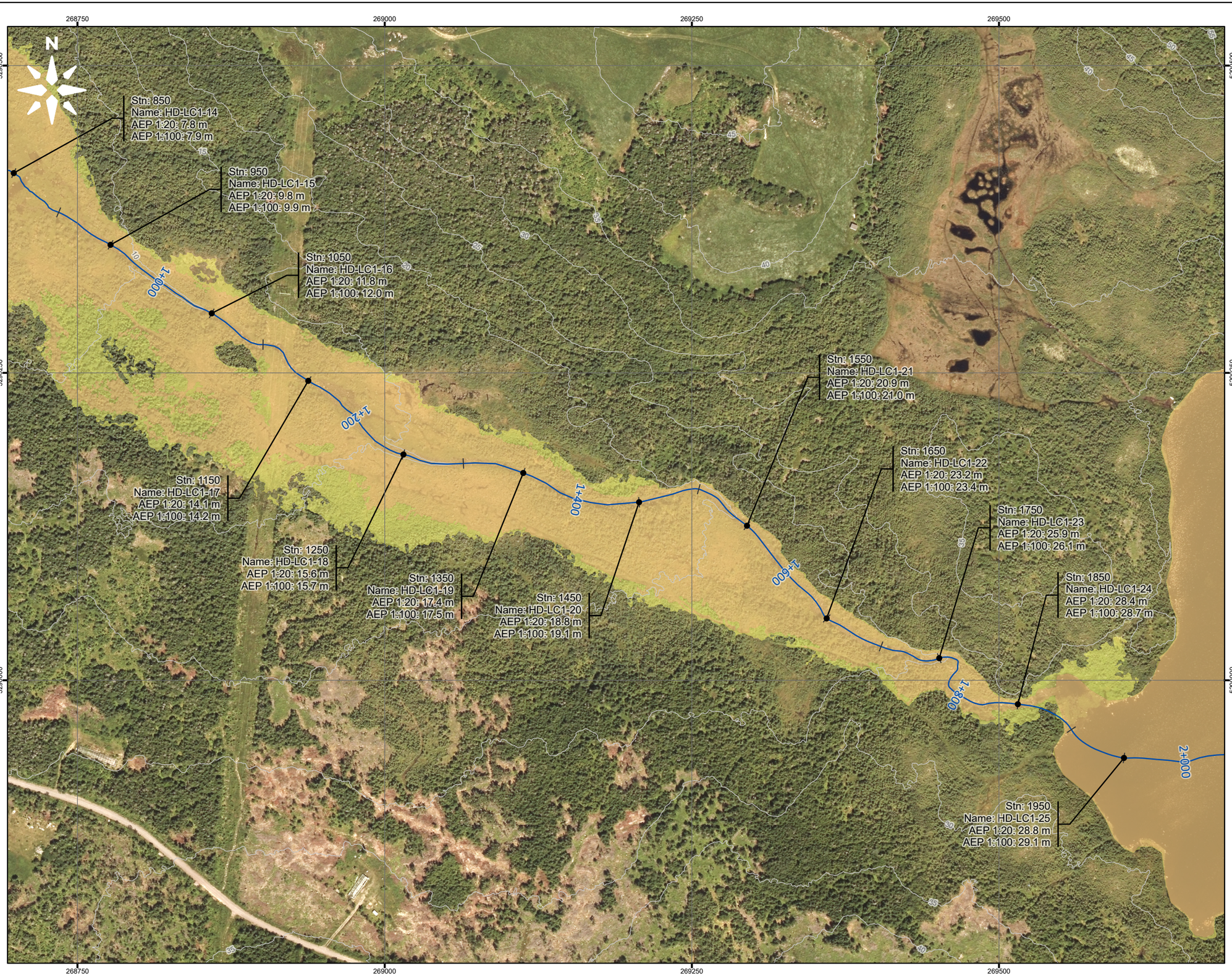
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

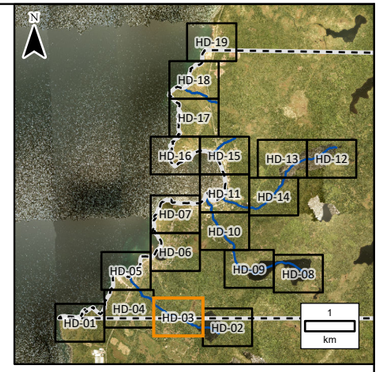
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-02

DECEMBER 2025	FIGURE 10.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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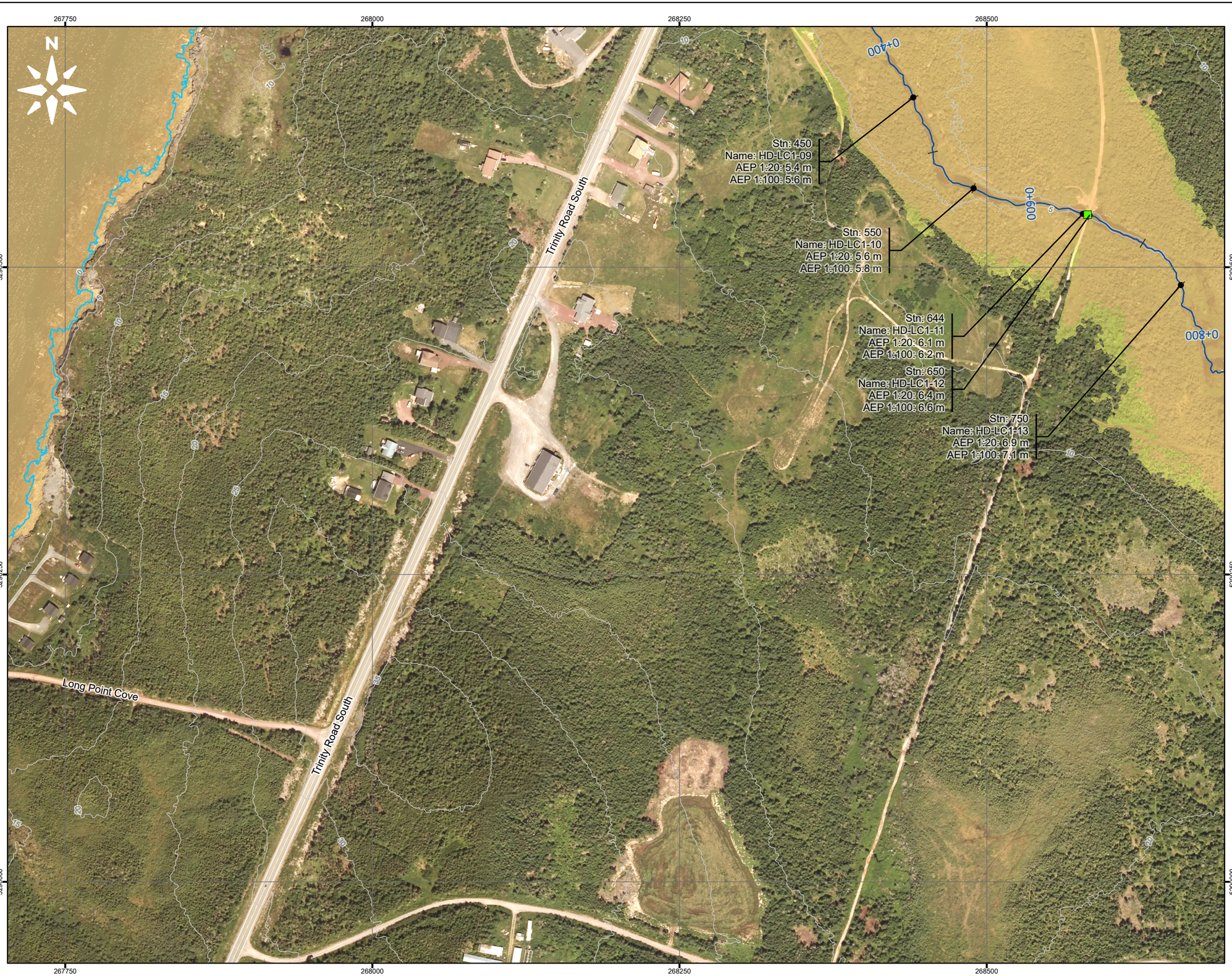
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

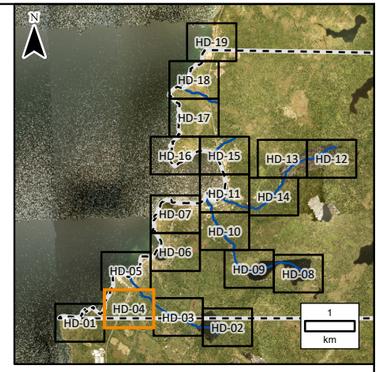
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-03

DECEMBER 2025 | FIGURE 10.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

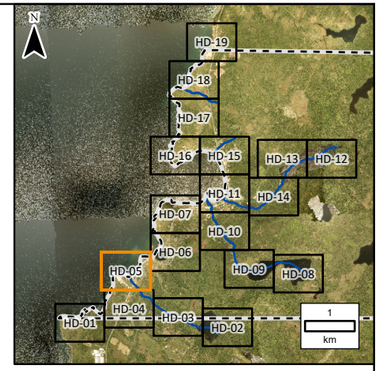
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-04

DECEMBER 2025	FIGURE 10.2	REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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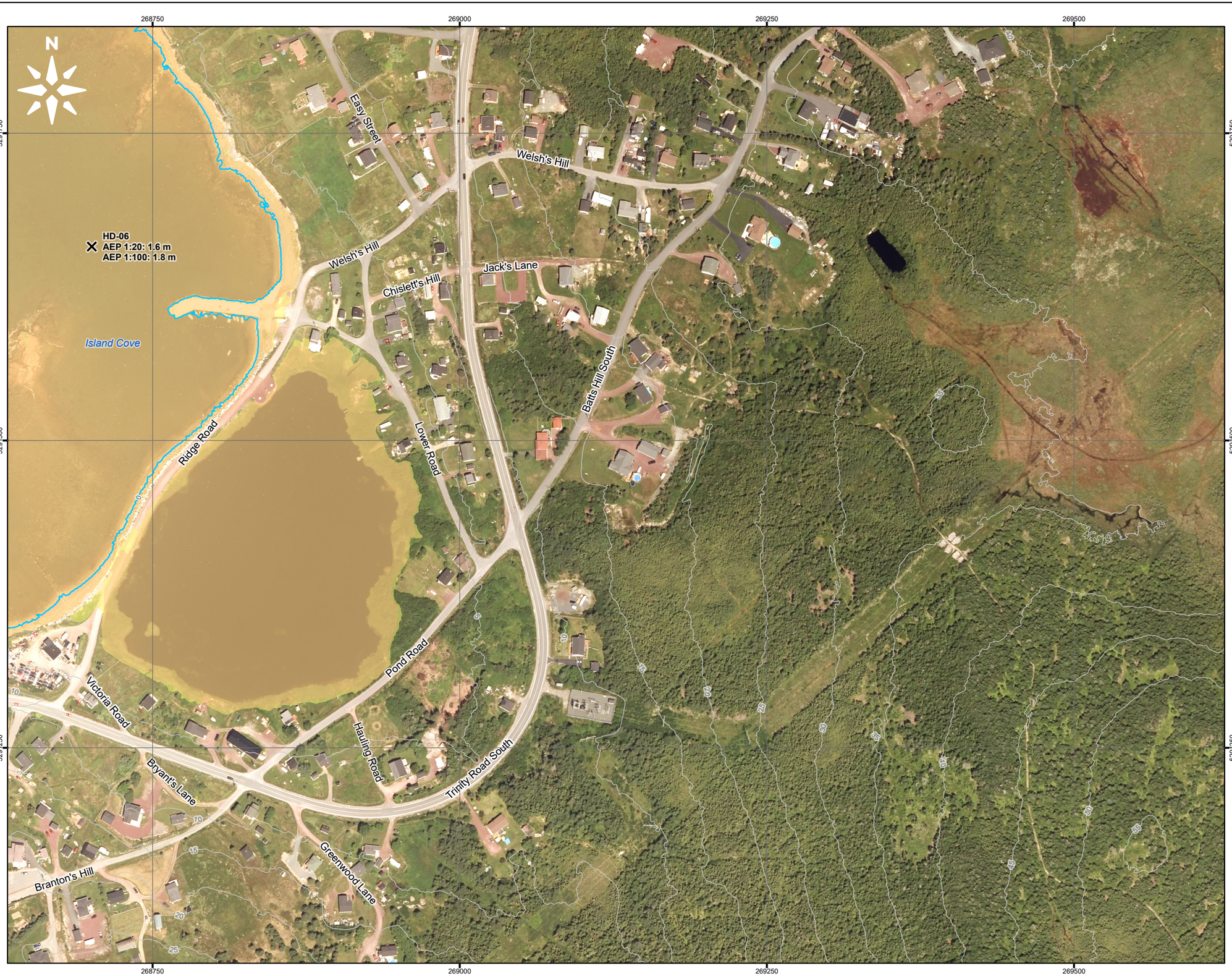
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

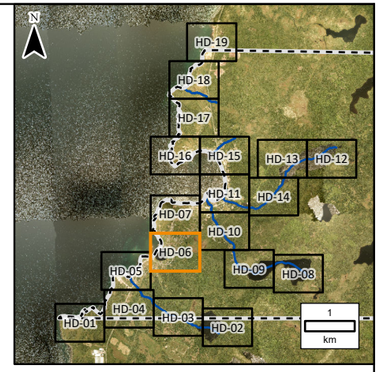
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-05

DECEMBER 2025 | FIGURE 10.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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)
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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

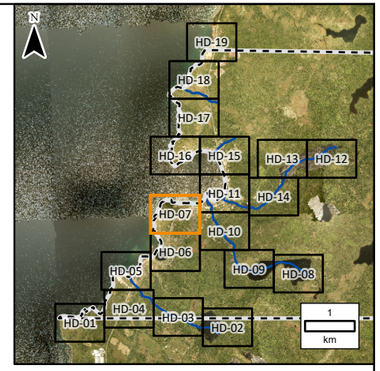
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-06

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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Newfoundland Labrador Canada

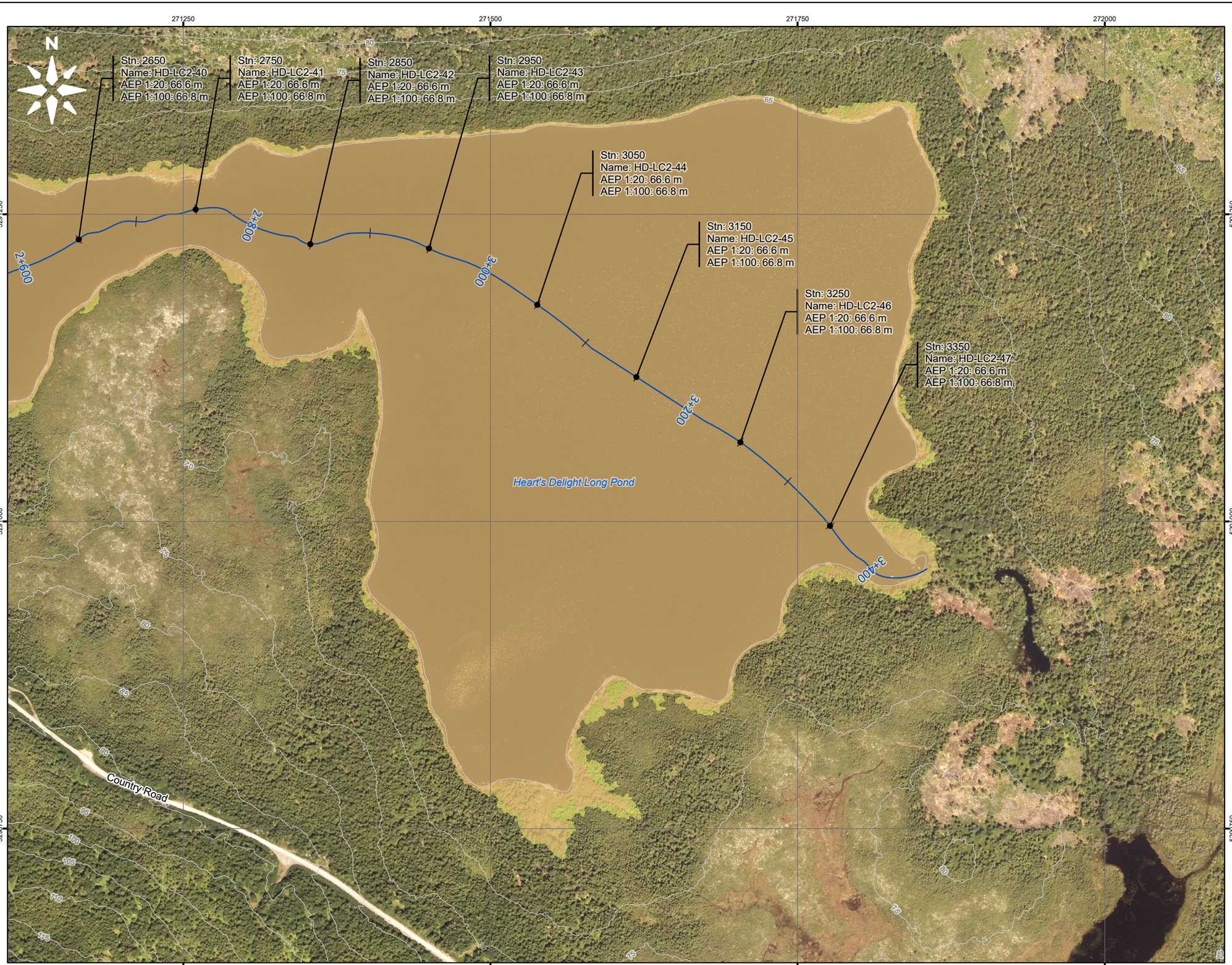
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

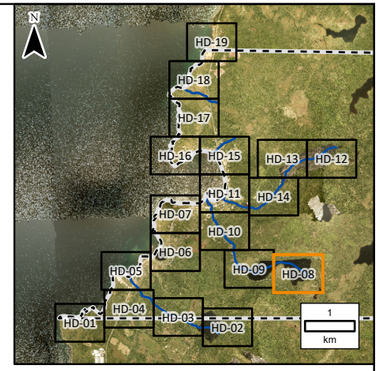
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-07

DECEMBER 2025	FIGURE 10.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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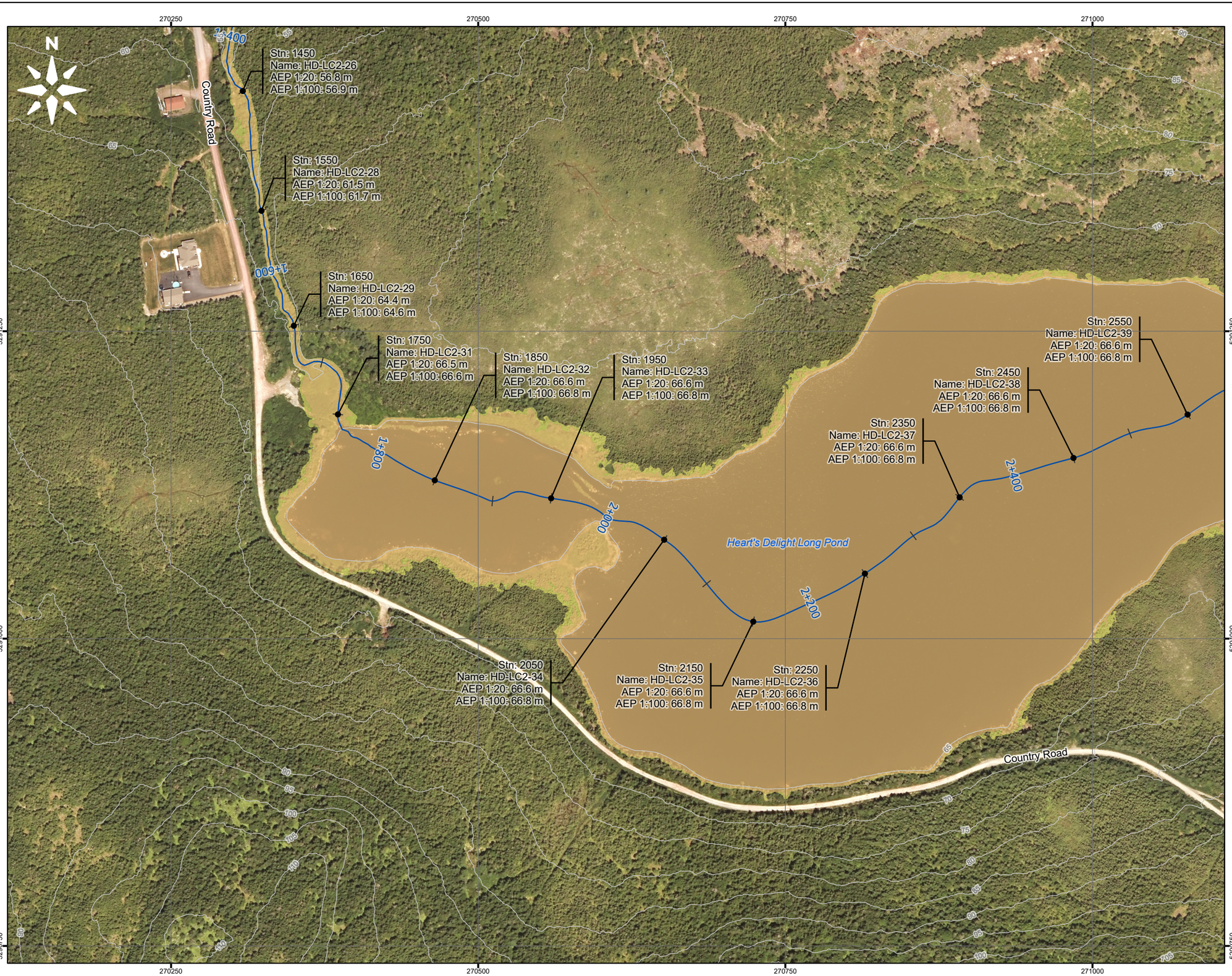
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

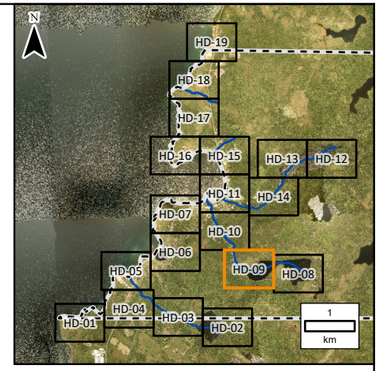
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-08

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

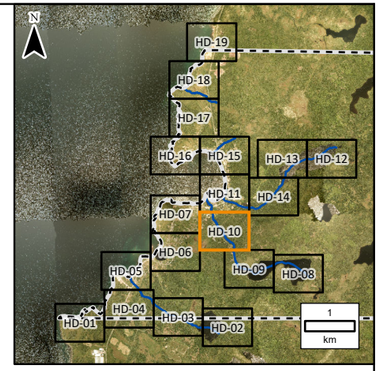
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-09

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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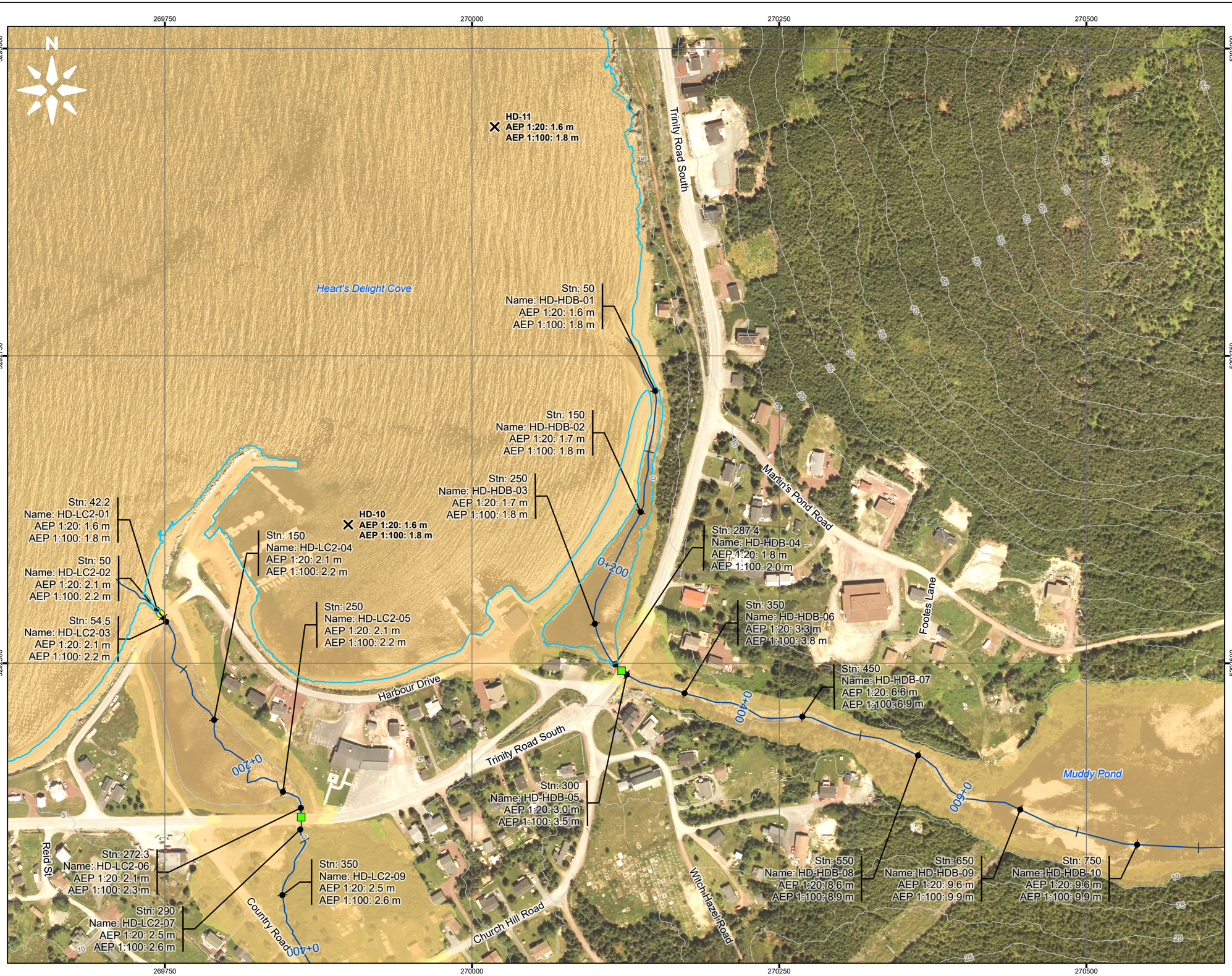
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

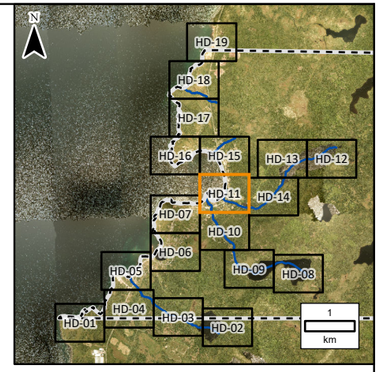
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-10

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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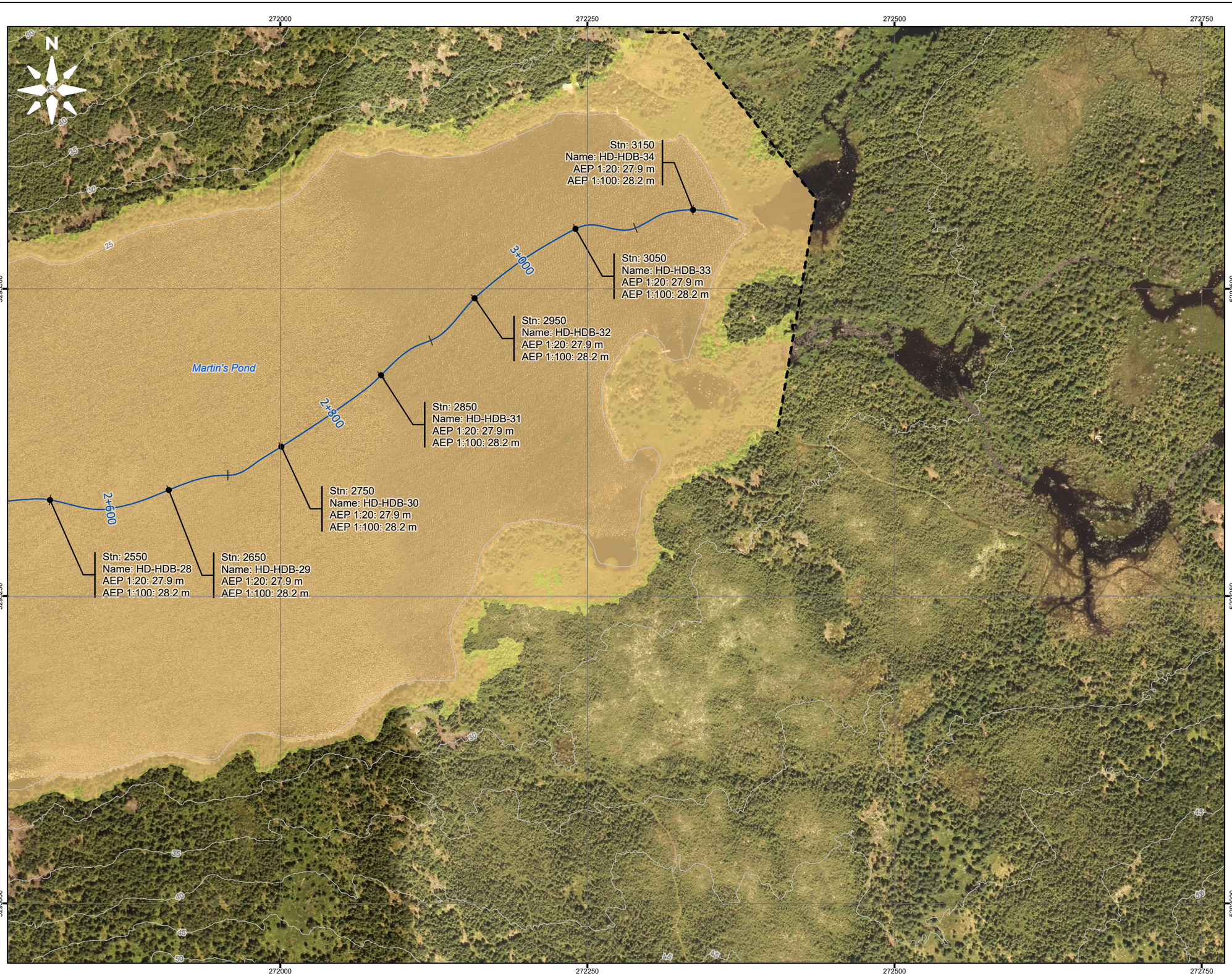
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

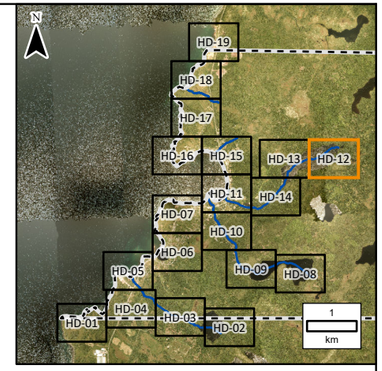
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-11

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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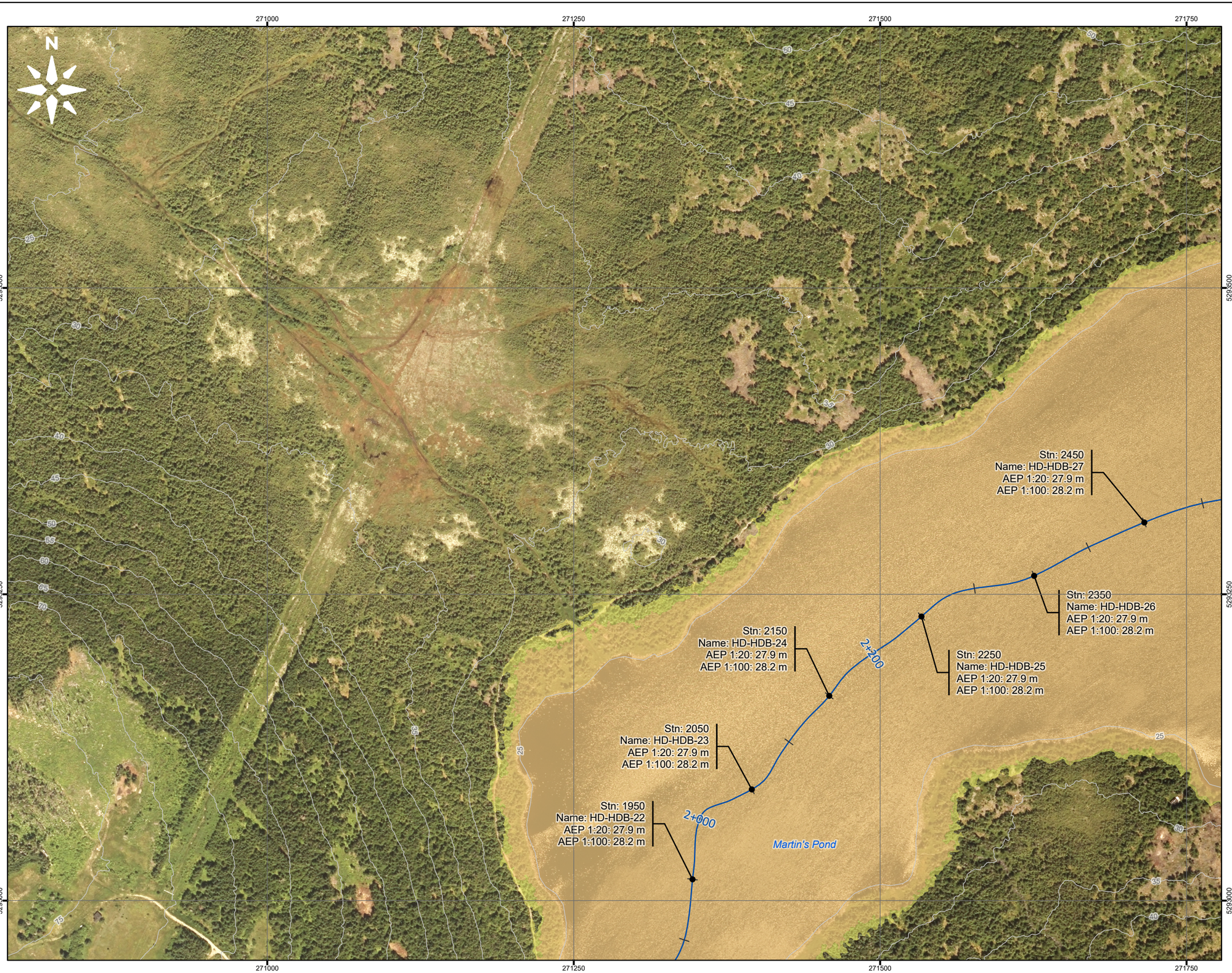
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

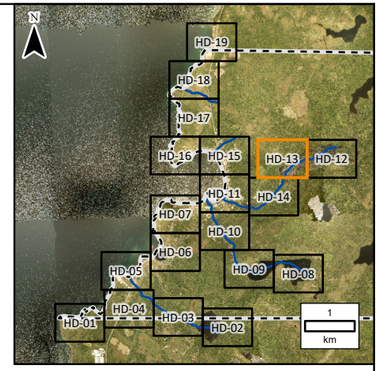
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-12

DECEMBER 2025 | FIGURE 10.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

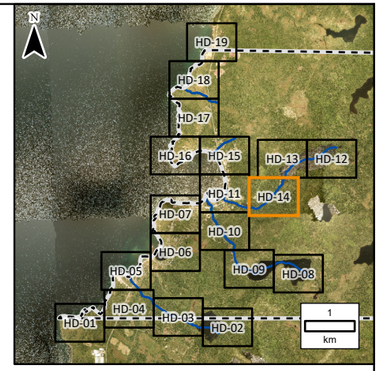
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-13

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-14

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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269750 270000 270250 270500

5293750 5293500 5293250

N

Trinity Road South

Youth Valley Road

Northeast Side Road

Circular Road

Legge's Lane

Farm Road

Heart's Delight Cove

0+400

0+200

Stn: 250
Name: HD-LC3-08
AEP 1:20: 6.6 m
AEP 1:100: 6.7 m

Stn: 550
Name: HD-LC3-11
AEP 1:20: 11.6 m
AEP 1:100: 11.7 m

Stn: 450
Name: HD-LC3-10
AEP 1:20: 11.0 m
AEP 1:100: 11.1 m

Stn: 350
Name: HD-LC3-09
AEP 1:20: 9.3 m
AEP 1:100: 9.5 m

Stn: 112.2
Name: HD-LC3-03
AEP 1:20: 2.9 m
AEP 1:100: 3.1 m

Stn: 99.4
Name: HD-LC3-02
AEP 1:20: 2.0 m
AEP 1:100: 2.1 m

Stn: 237.4
Name: HD-LC3-07
AEP 1:20: 6.5 m
AEP 1:100: 6.7 m

Stn: 227.6
Name: HD-LC3-06
AEP 1:20: 5.1 m
AEP 1:100: 5.2 m

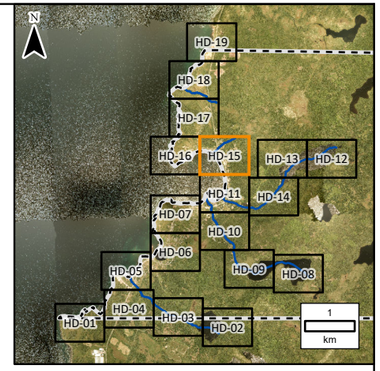
Stn: 160
Name: HD-LC3-05
AEP 1:20: 4.3 m
AEP 1:100: 4.7 m

Stn: 138.2
Name: HD-LC3-04
AEP 1:20: 3.0 m
AEP 1:100: 3.2 m

Stn: 50
Name: HD-LC3-01
AEP 1:20: 1.6 m
AEP 1:100: 1.8 m

HD-12
AEP 1:20: 1.6 m
AEP 1:100: 1.8 m

HD-11
AEP 1:20: 1.6 m
AEP 1:100: 1.8 m



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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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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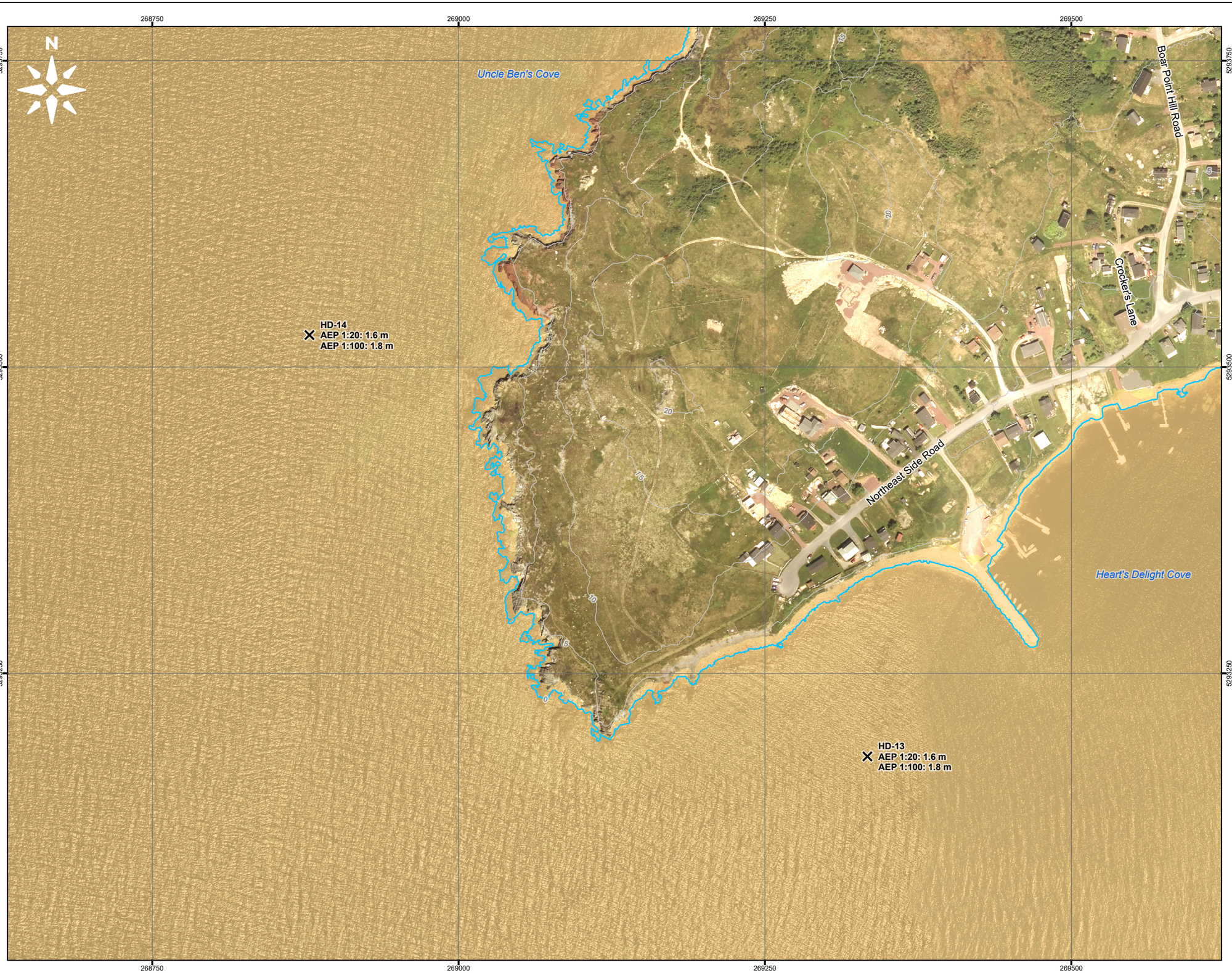
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

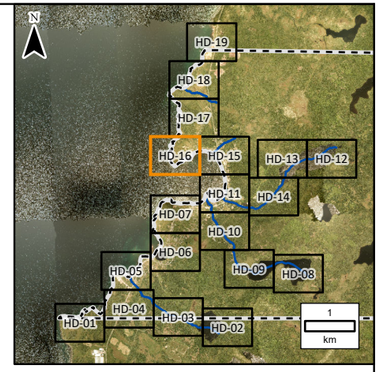
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-15

DECEMBER 2025 | FIGURE 10.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-PWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

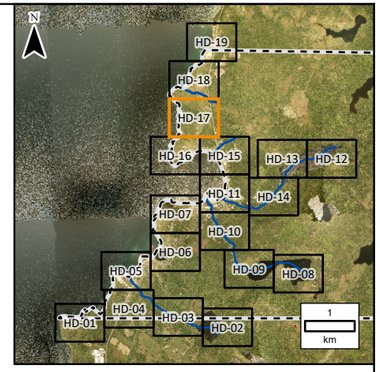
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-16

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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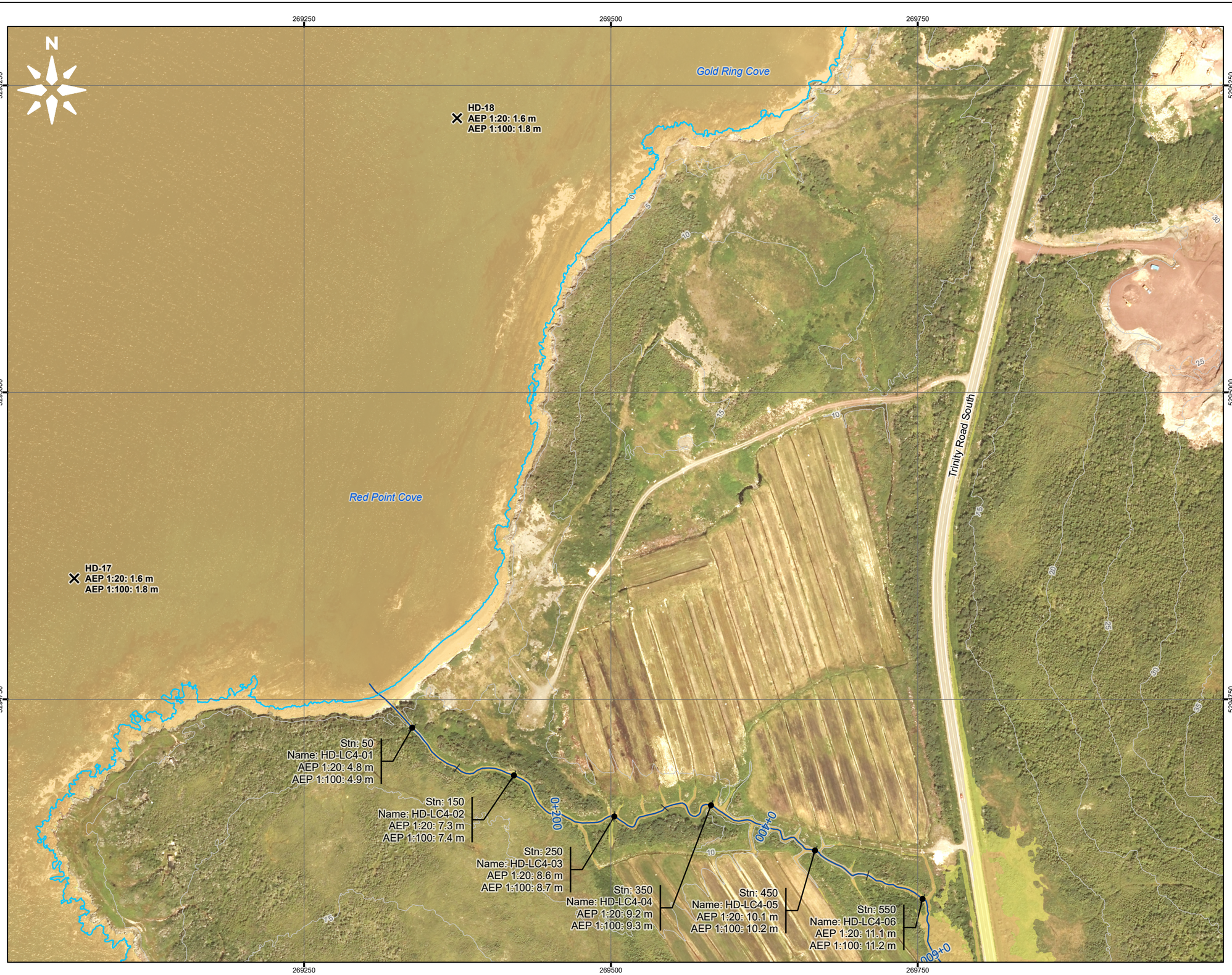
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

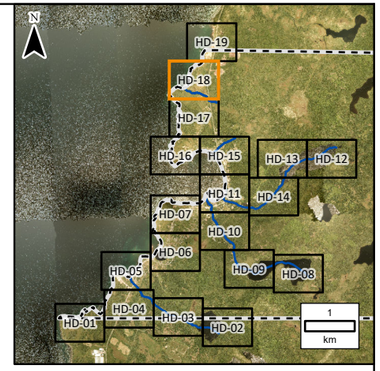
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-17

DECEMBER 2025	FIGURE 10.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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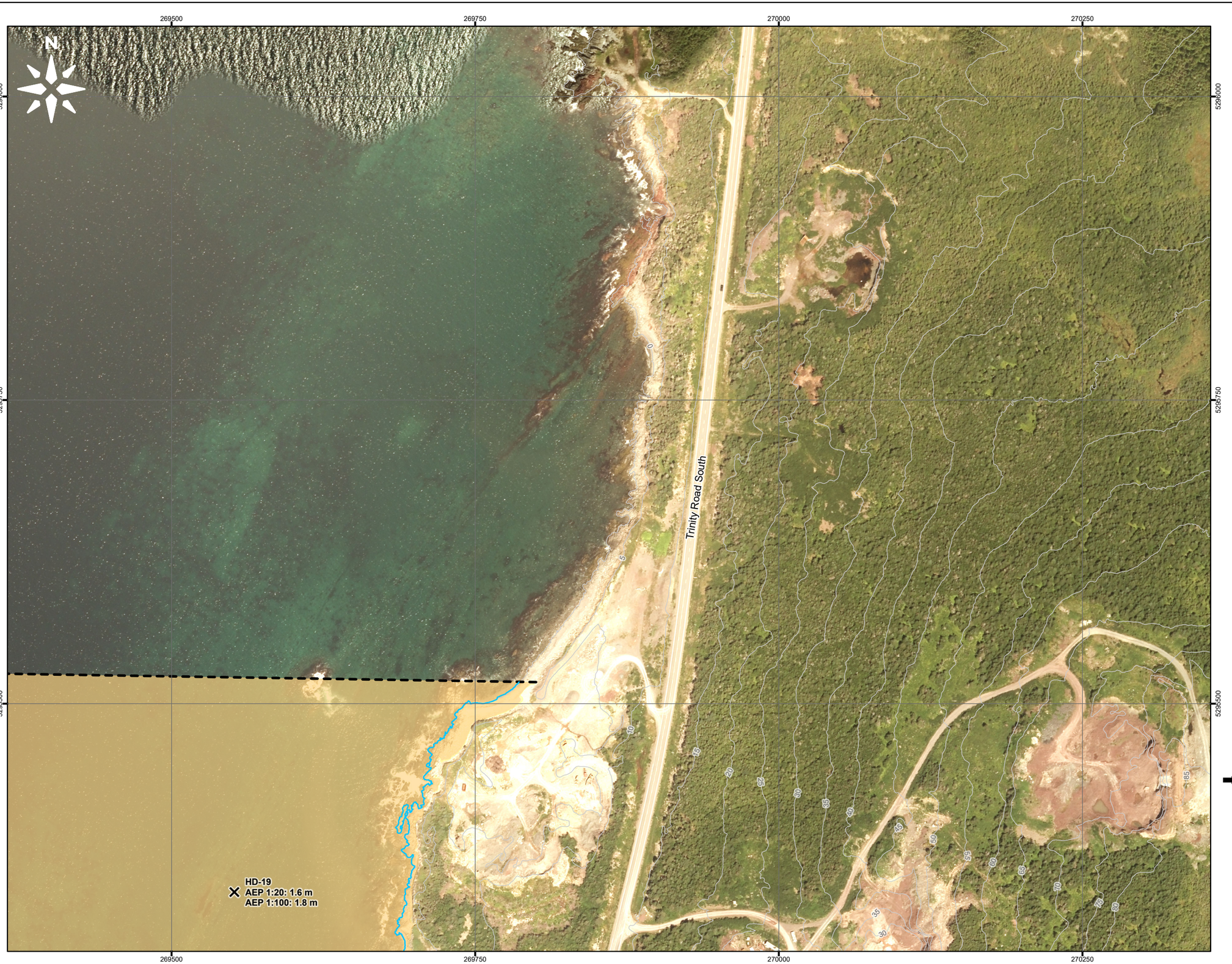
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

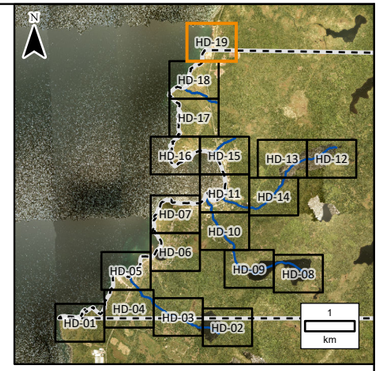
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-18

DECEMBER 2025 | FIGURE 10.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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Newfoundland Labrador Canada

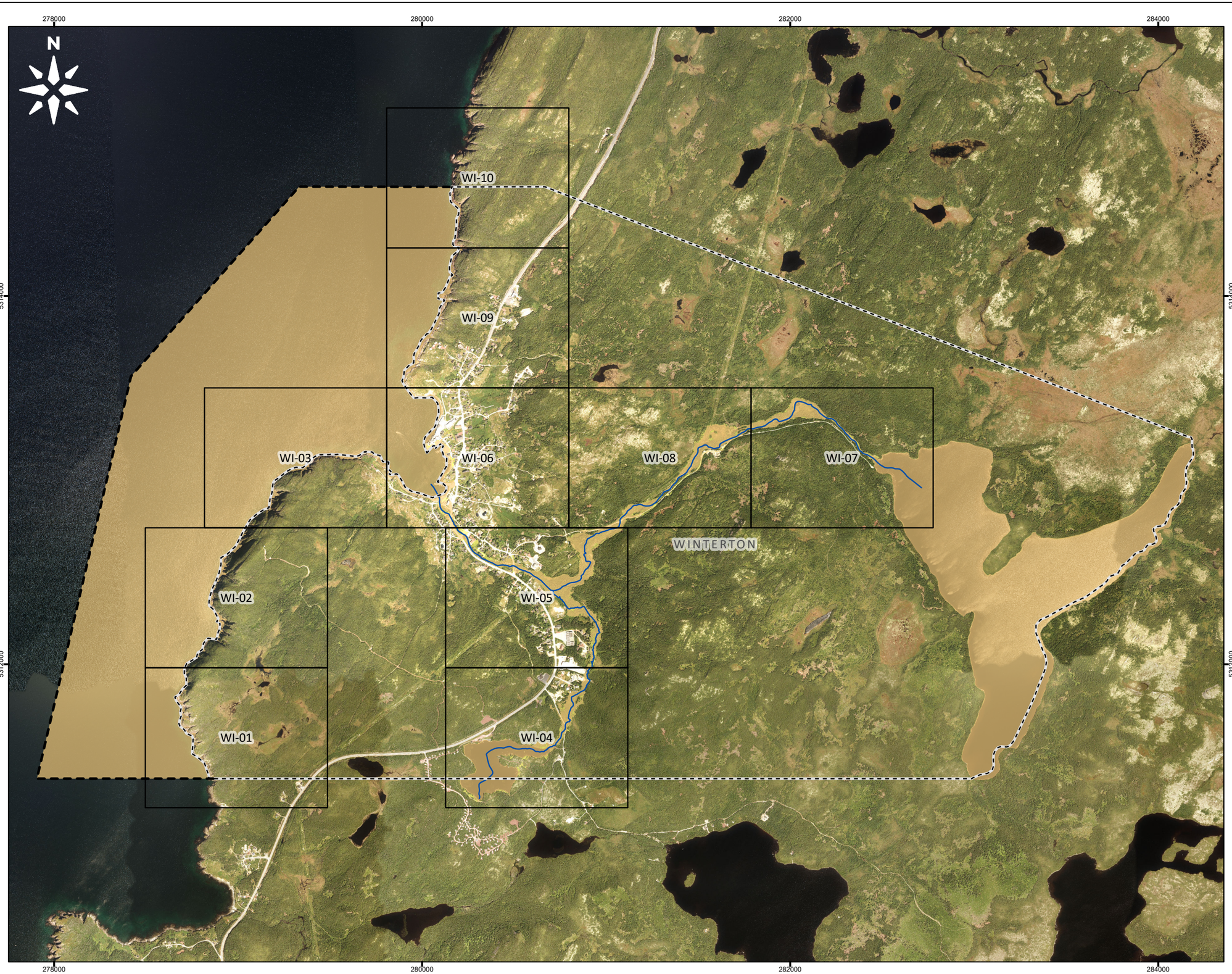
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HD-19

DECEMBER 2025	FIGURE 10.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.2
11"x17" PLOT SCALE 1:1

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LEGEND:

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

NOTES:

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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 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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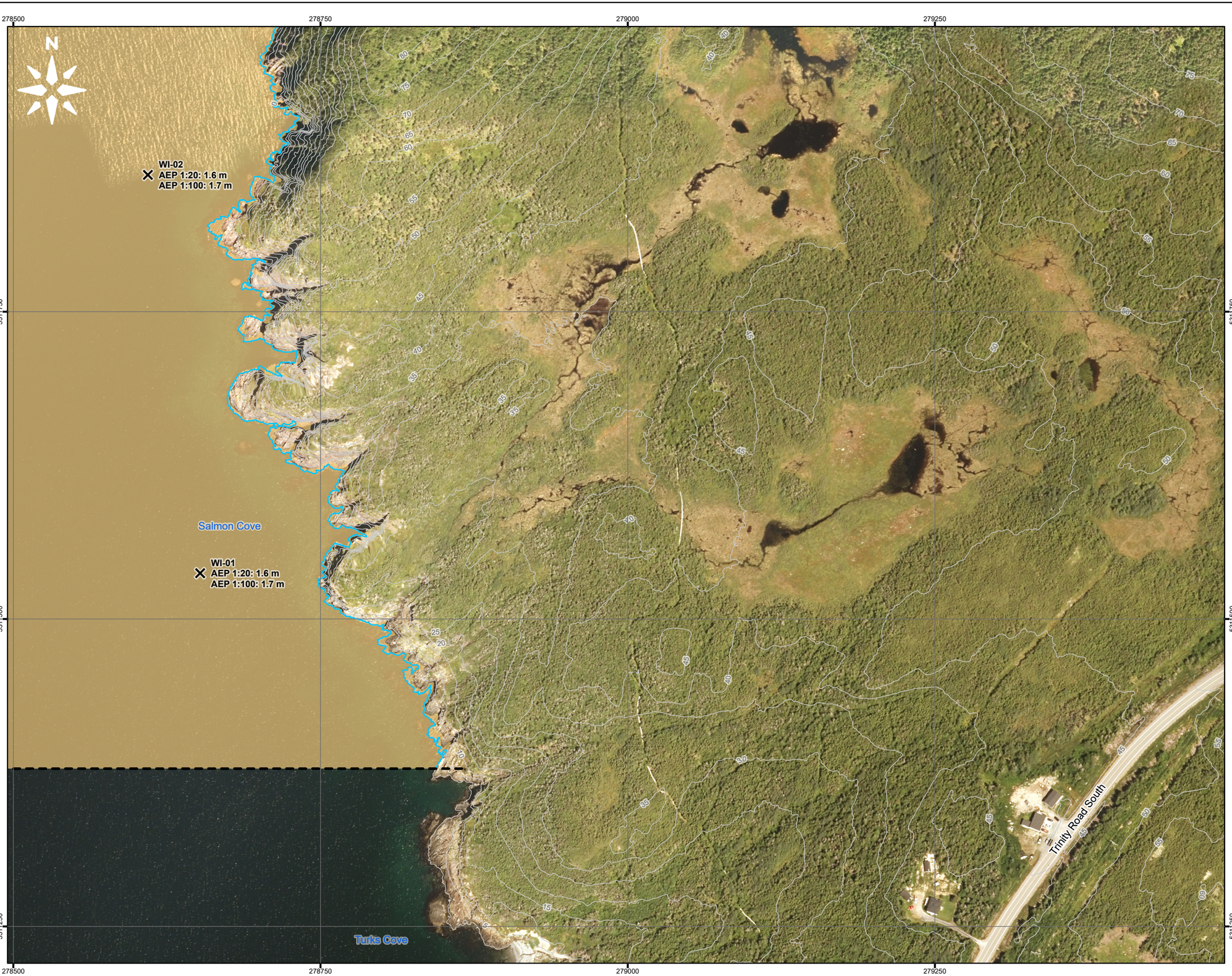
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

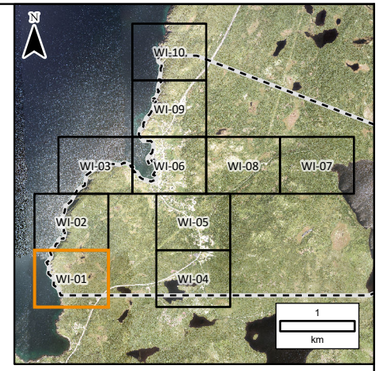
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025	FIGURE 9.1	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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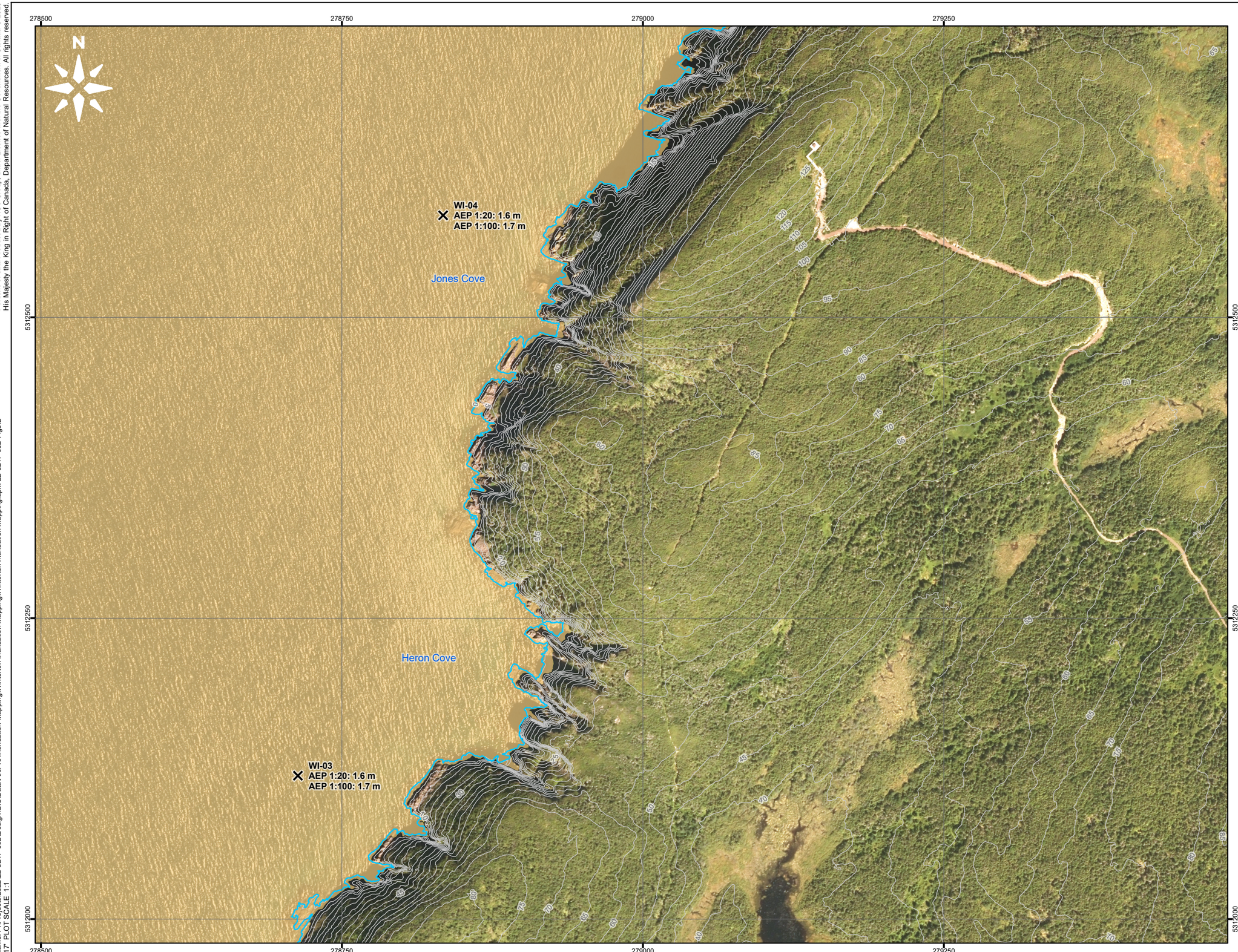
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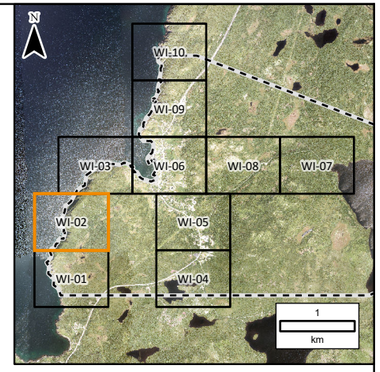
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-01

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig9.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-02

DECEMBER 2025	FIGURE 9.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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11"x17" PLOT SCALE 1:1

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5313500 5313250 5313000 5312750

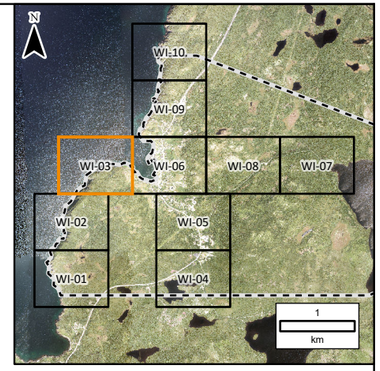
N

WI-07
AEP 1:20: 1.6 m
AEP 1:100: 1.7 m

WI-06
AEP 1:20: 1.6 m
AEP 1:100: 1.7 m

WI-05
AEP 1:20: 1.6 m
AEP 1:100: 1.7 m

Trinity Bay



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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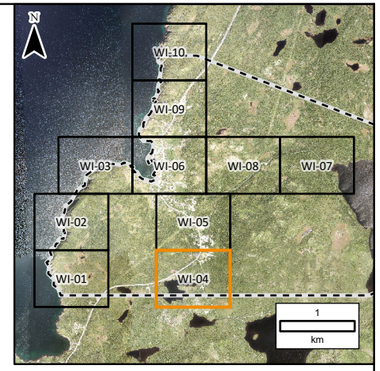
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-03

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

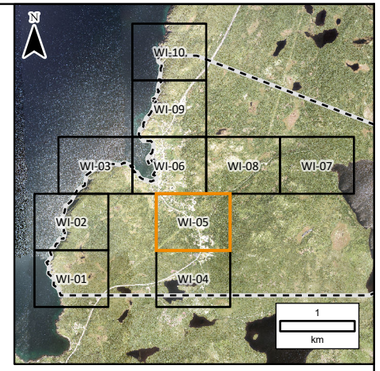
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-04

DECEMBER 2025 | FIGURE 9.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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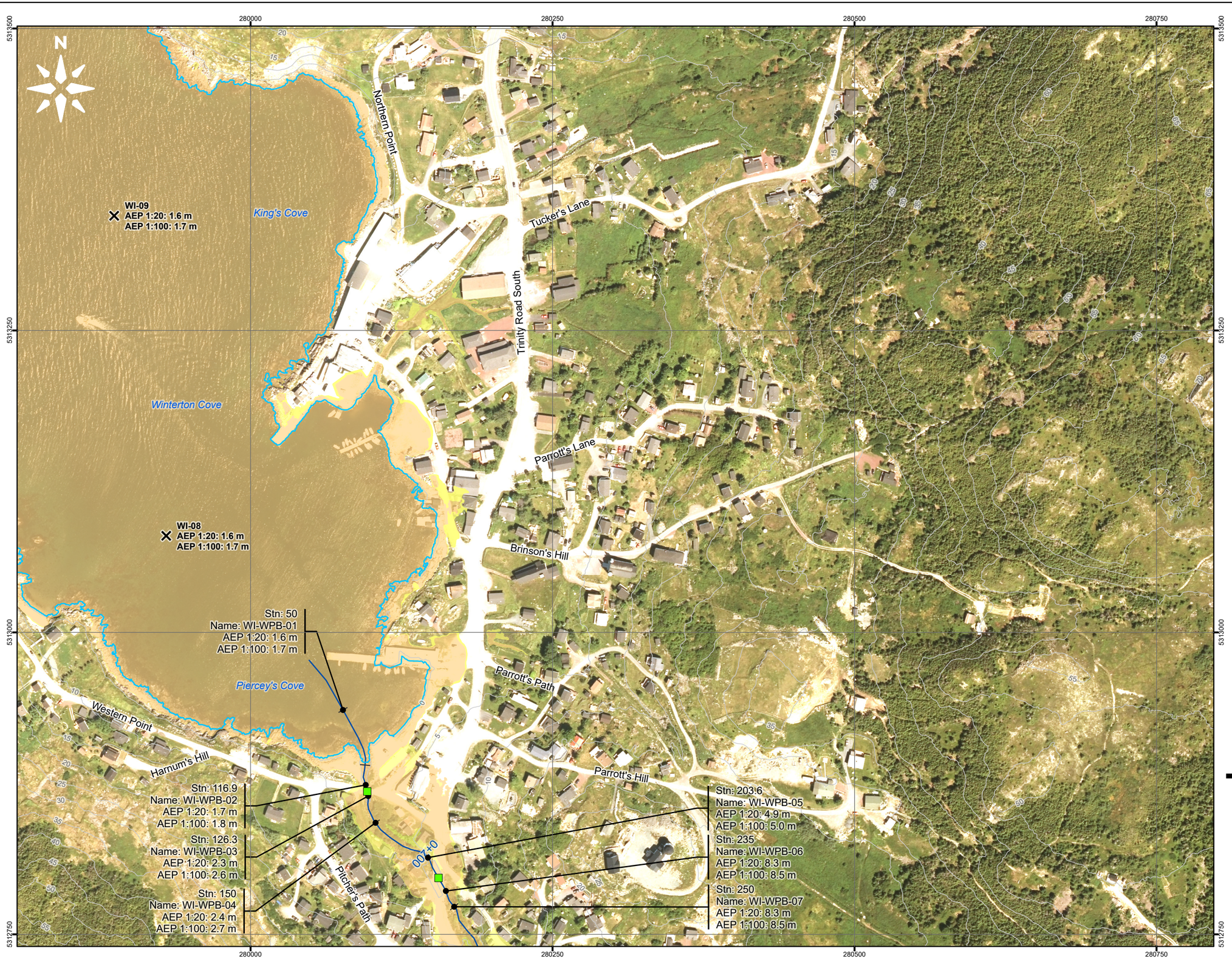
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

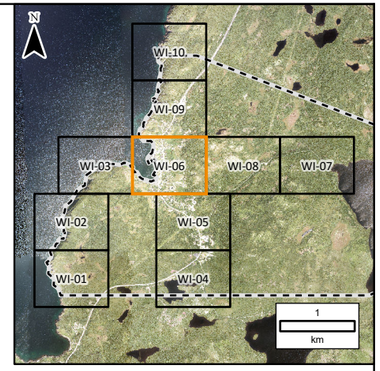
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-05

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

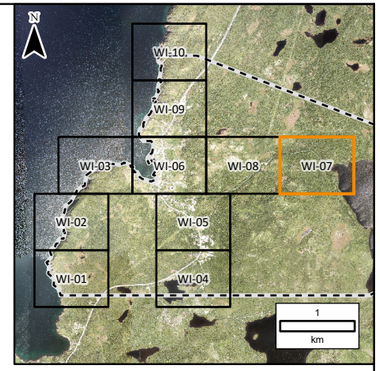
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-06

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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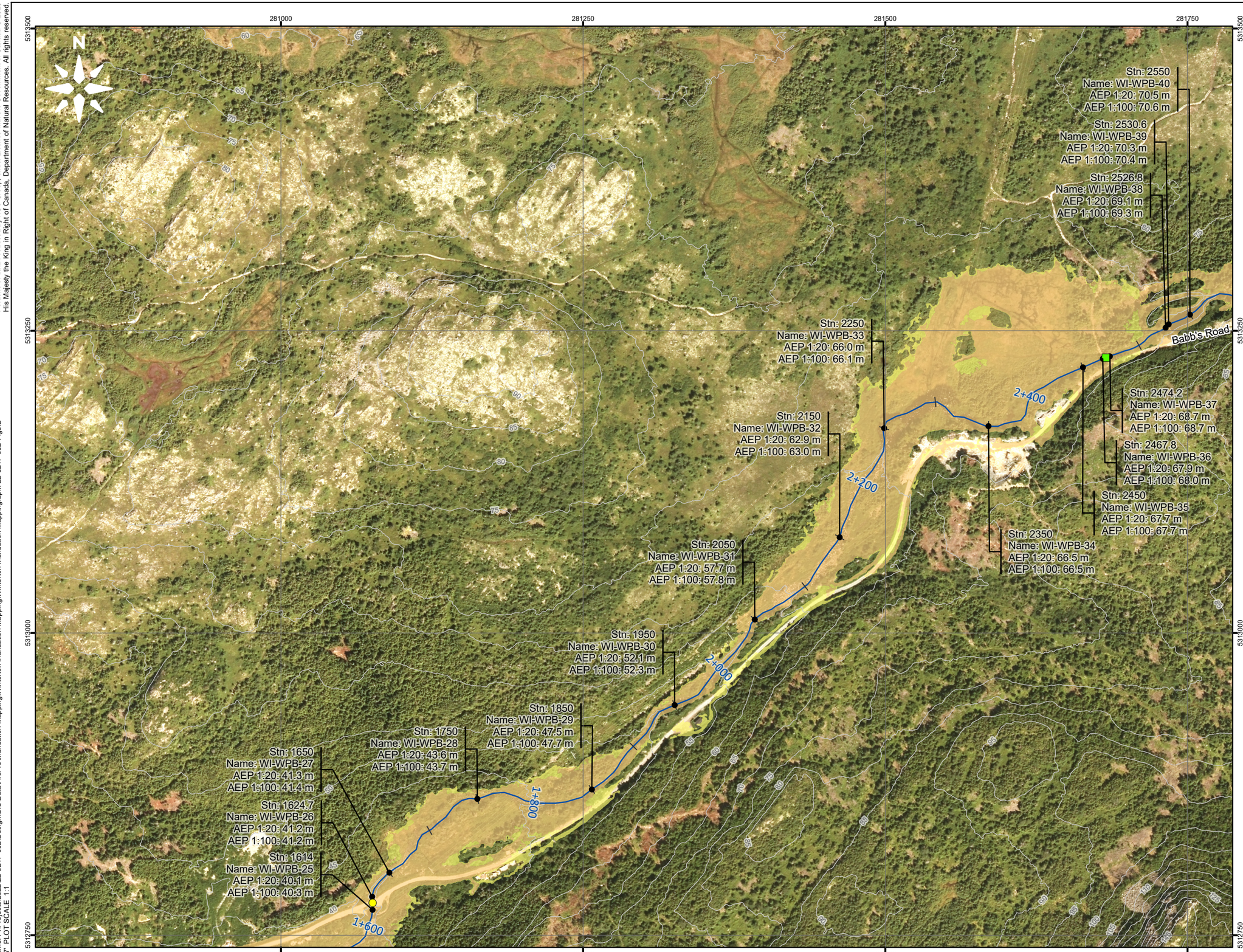
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

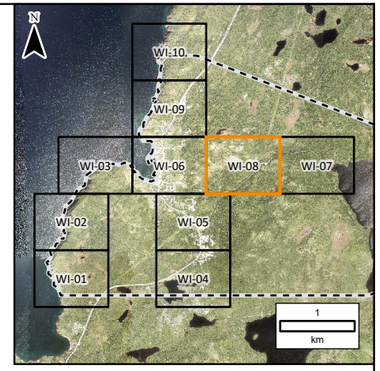
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-07

DECEMBER 2025 | FIGURE 9.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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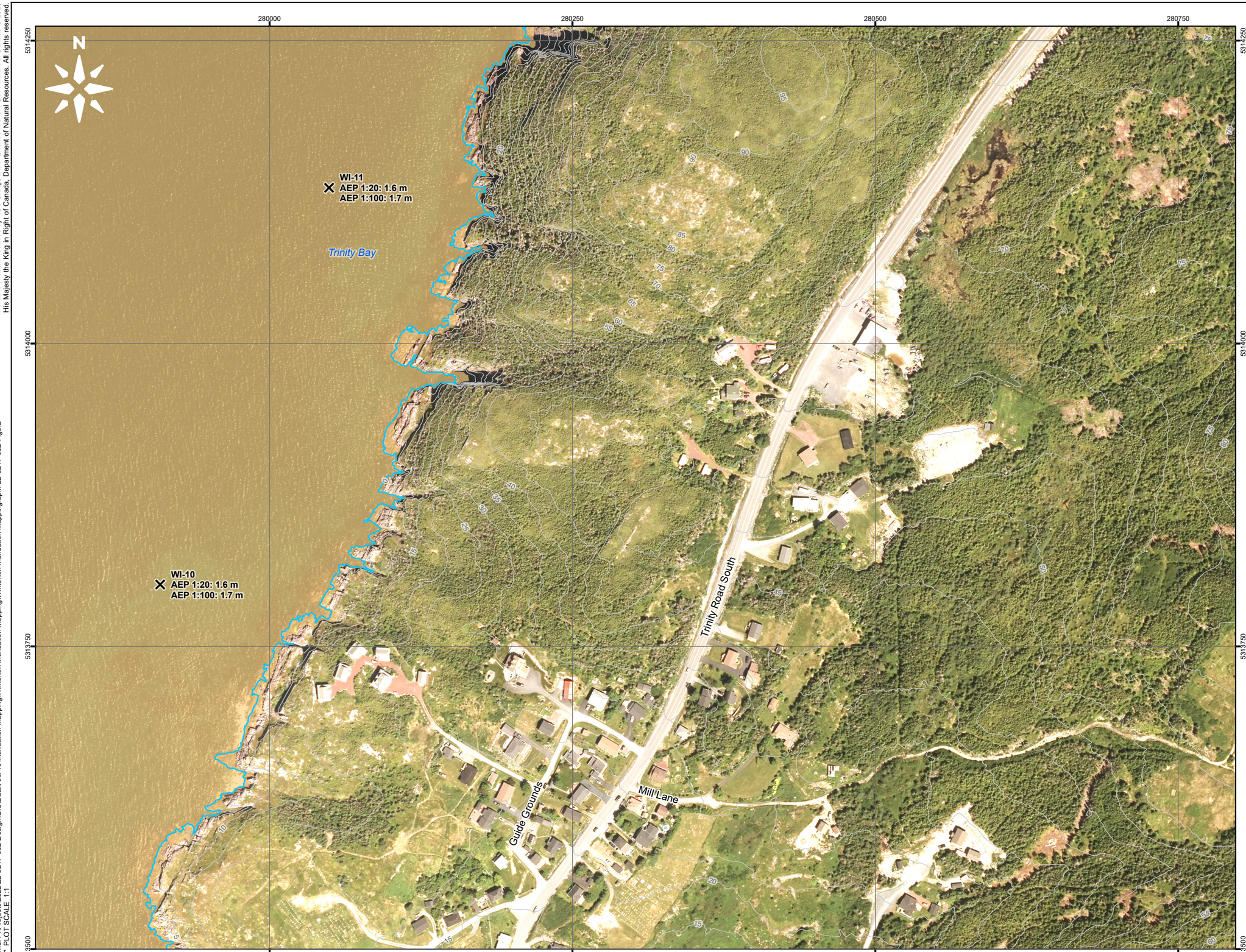
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

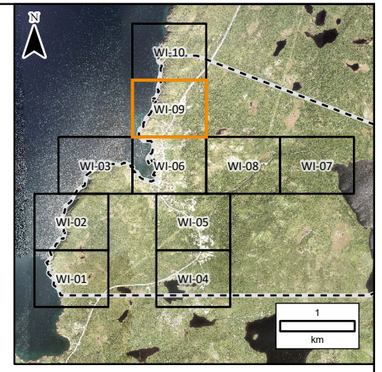
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-08

DECEMBER 2025 | FIGURE 9.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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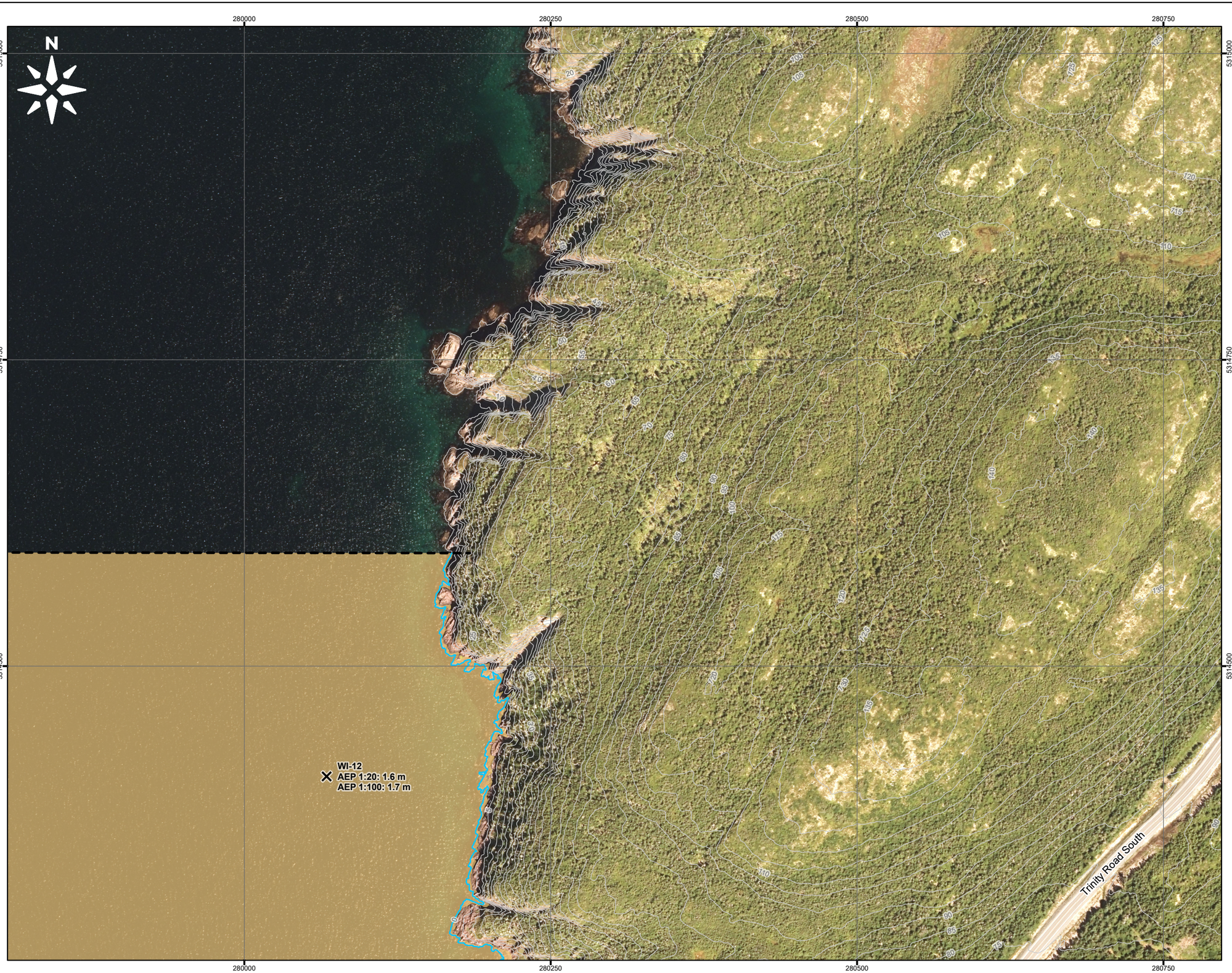
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

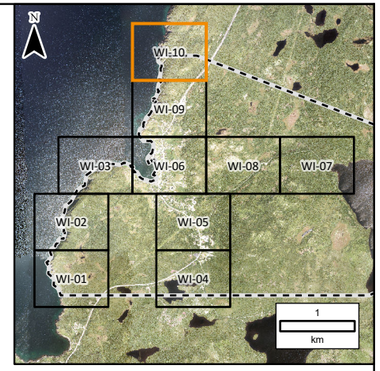
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-09

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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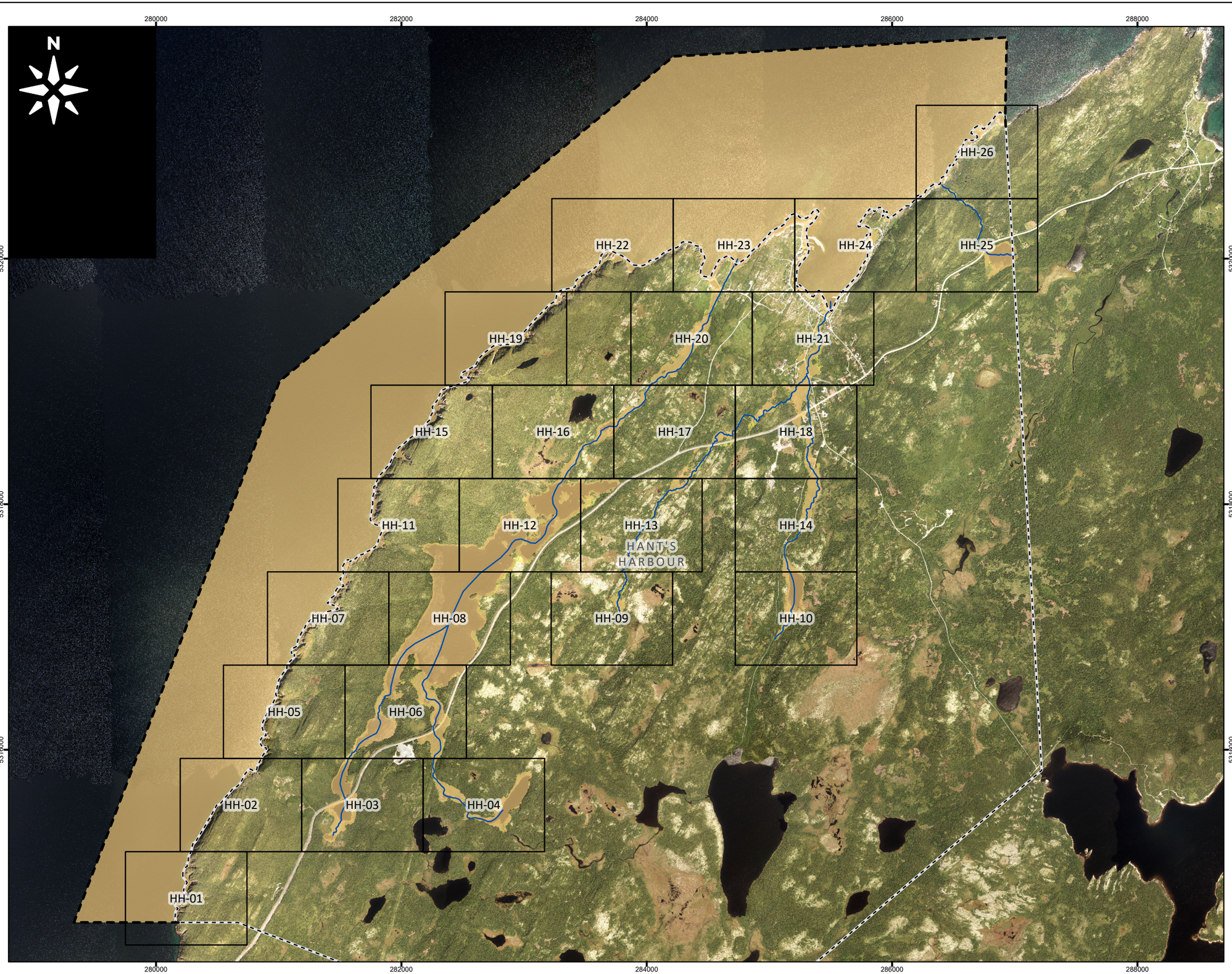
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) FLOOD ZONE - WI-10

DECEMBER 2025 | FIGURE 9.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

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

NOTES:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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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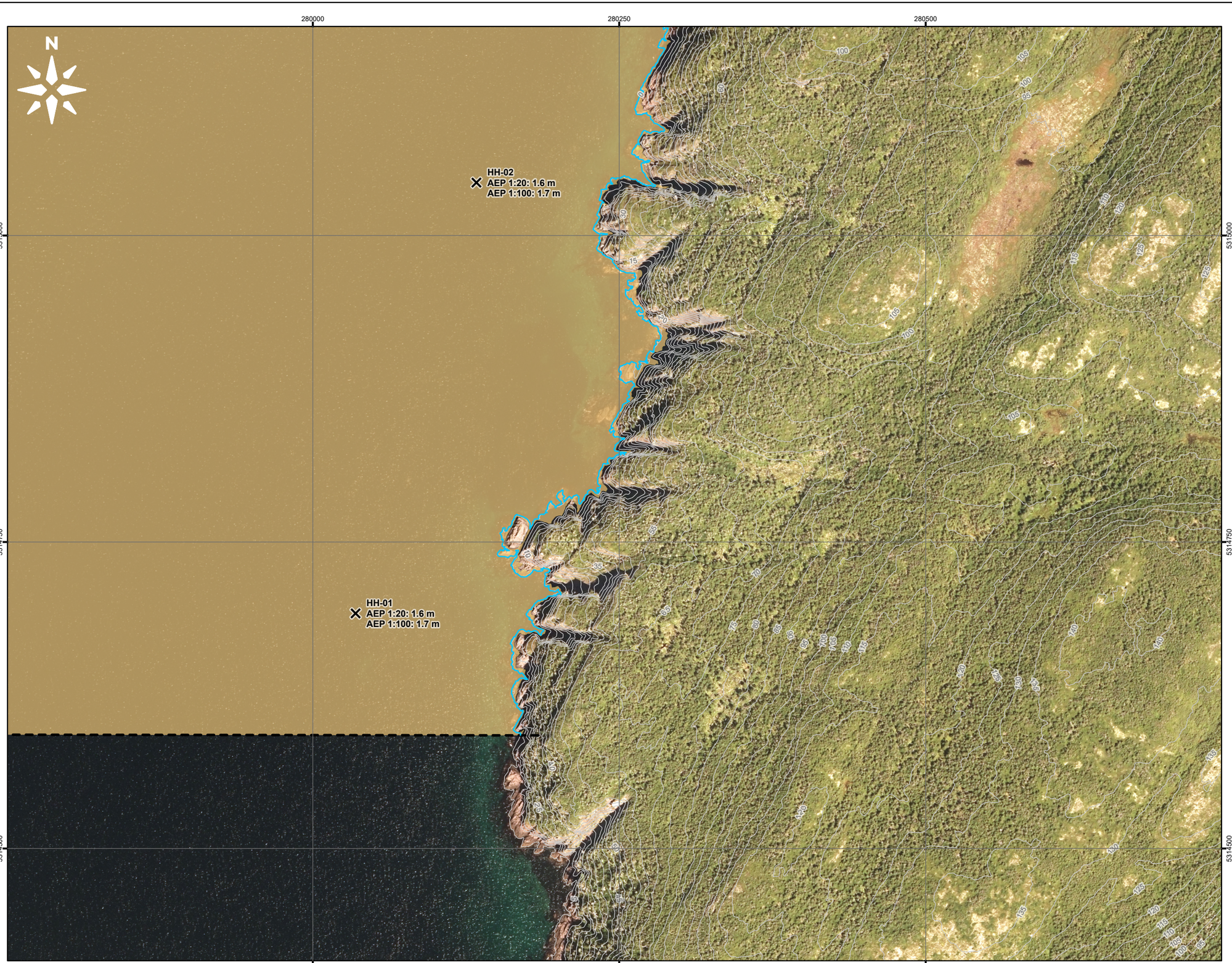
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

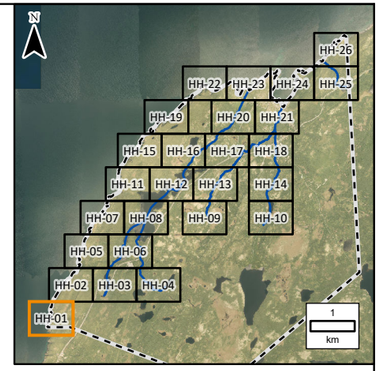
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 8.1 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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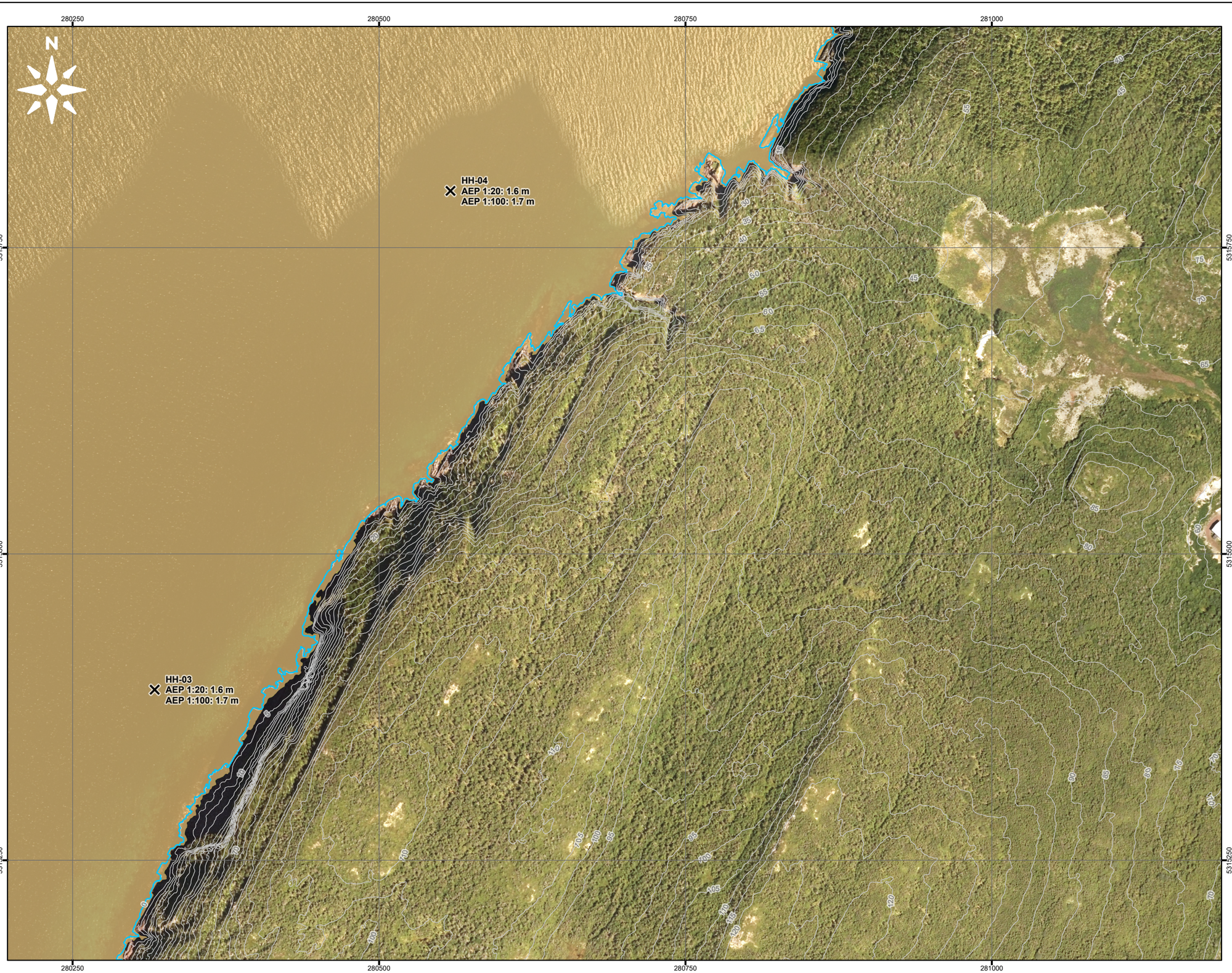
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

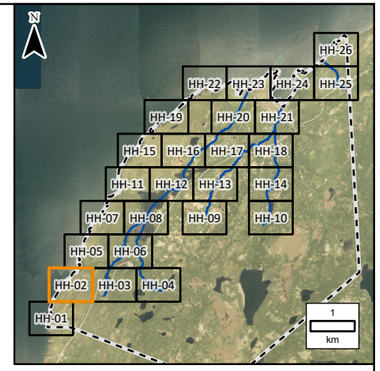
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-01

DECEMBER 2025	FIGURE 8.2	REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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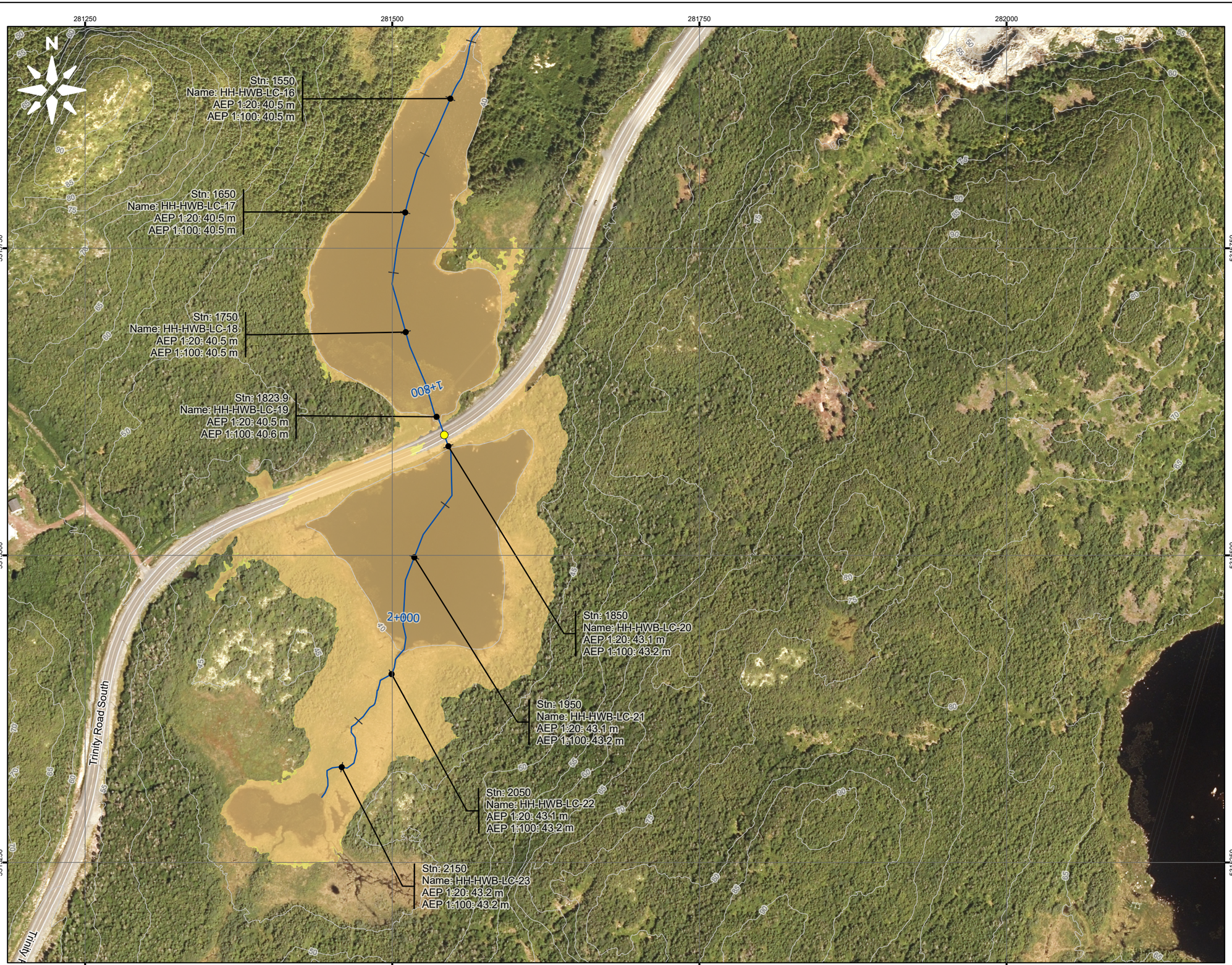
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

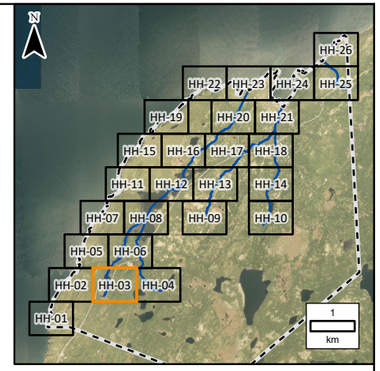
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-02

DECEMBER 2025	FIGURE 8.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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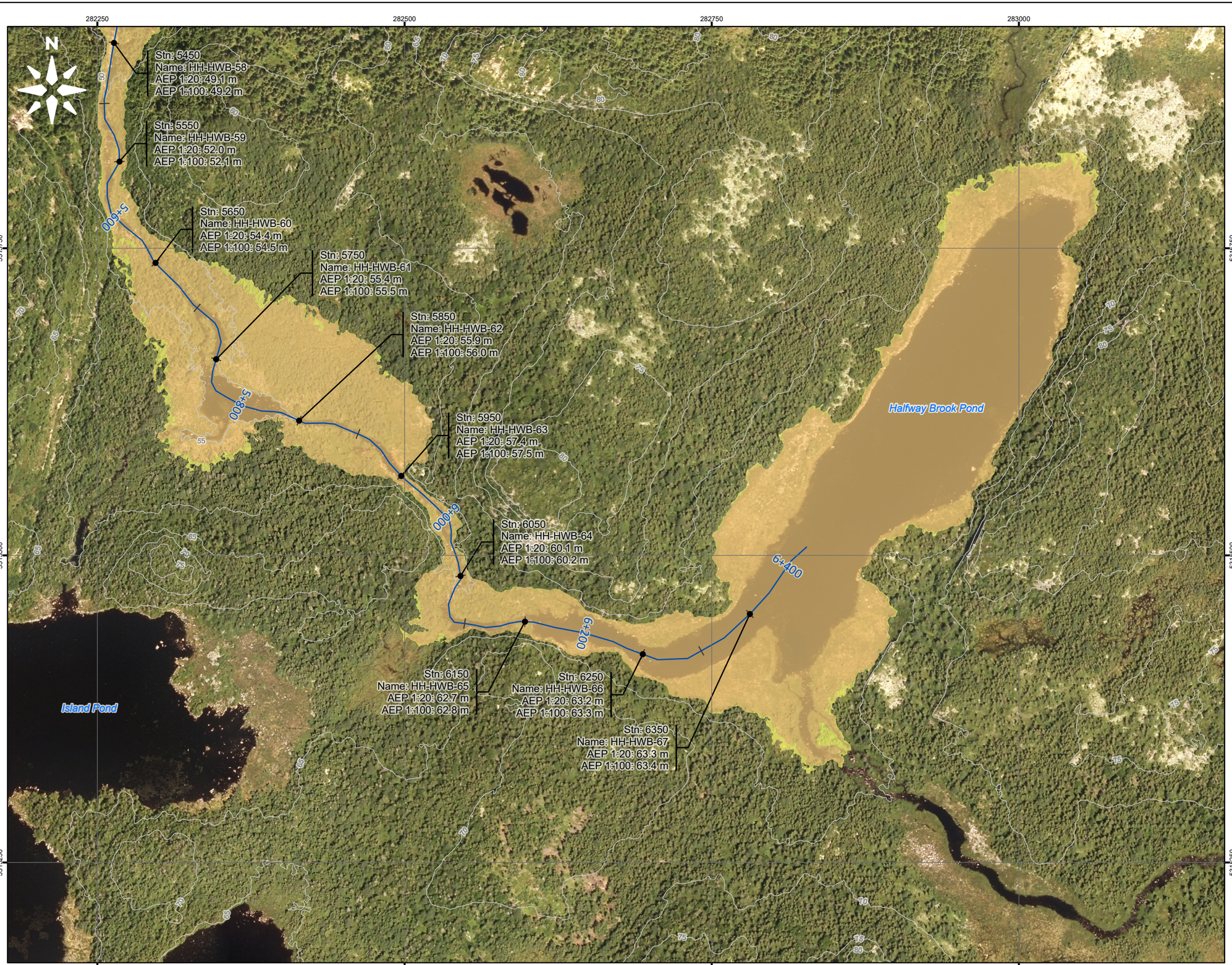
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

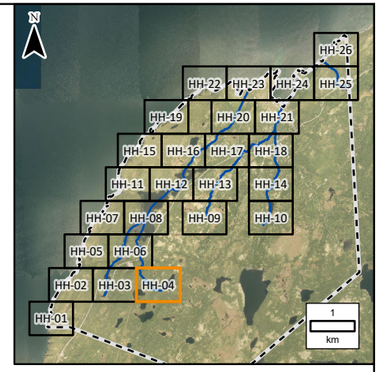
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-03

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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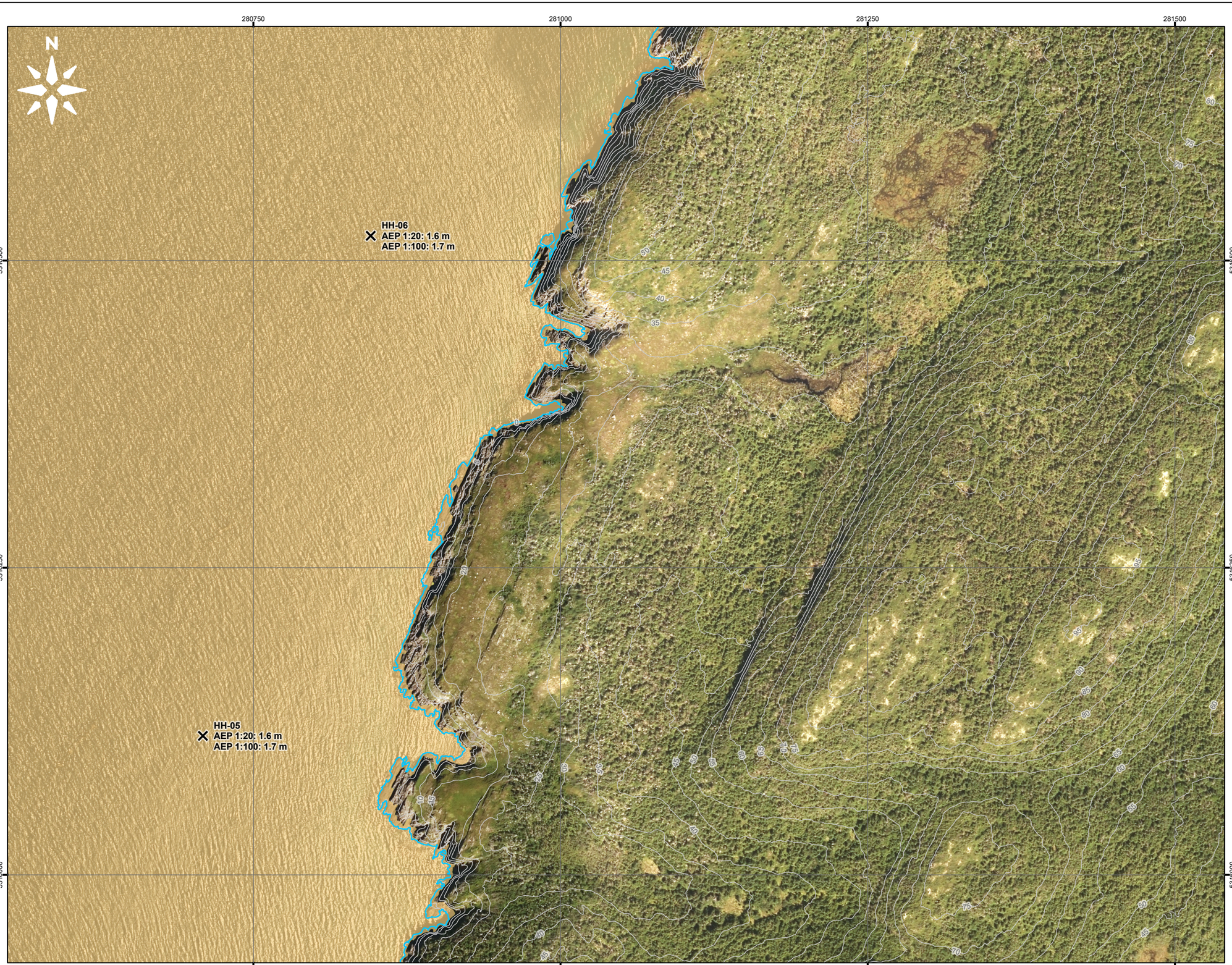
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

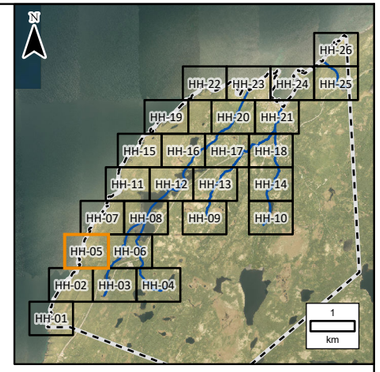
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-04

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

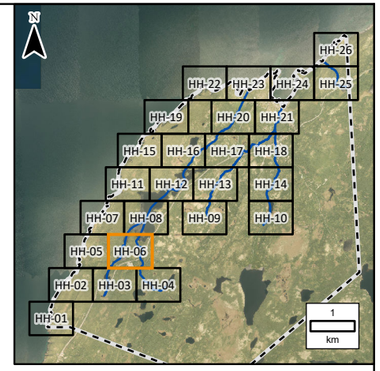
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-05

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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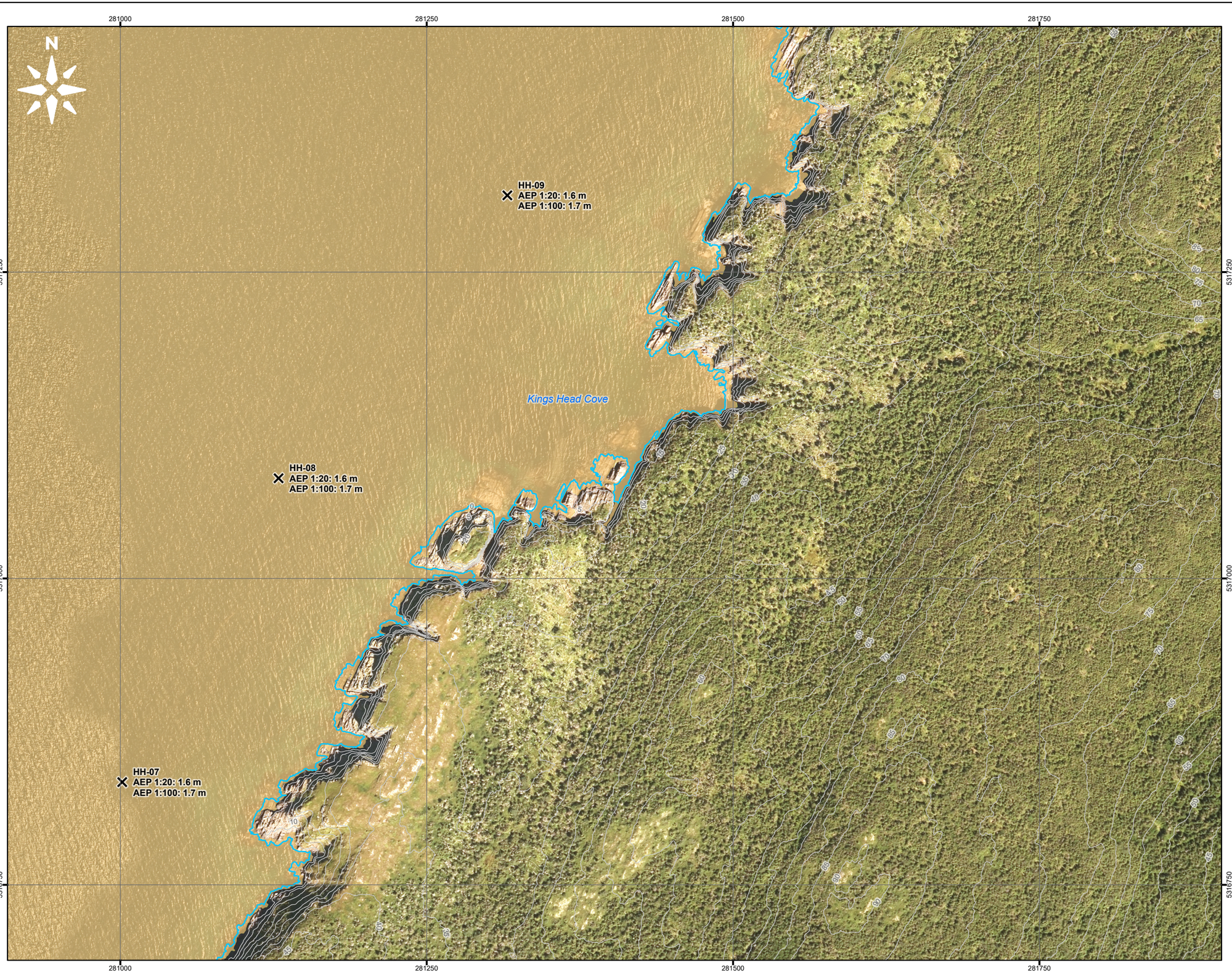
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

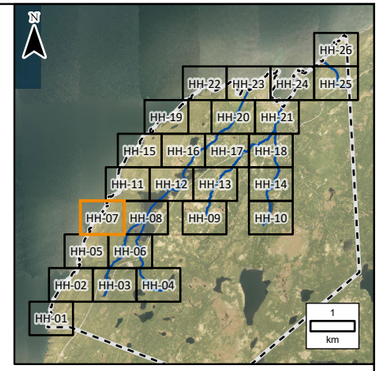
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-06

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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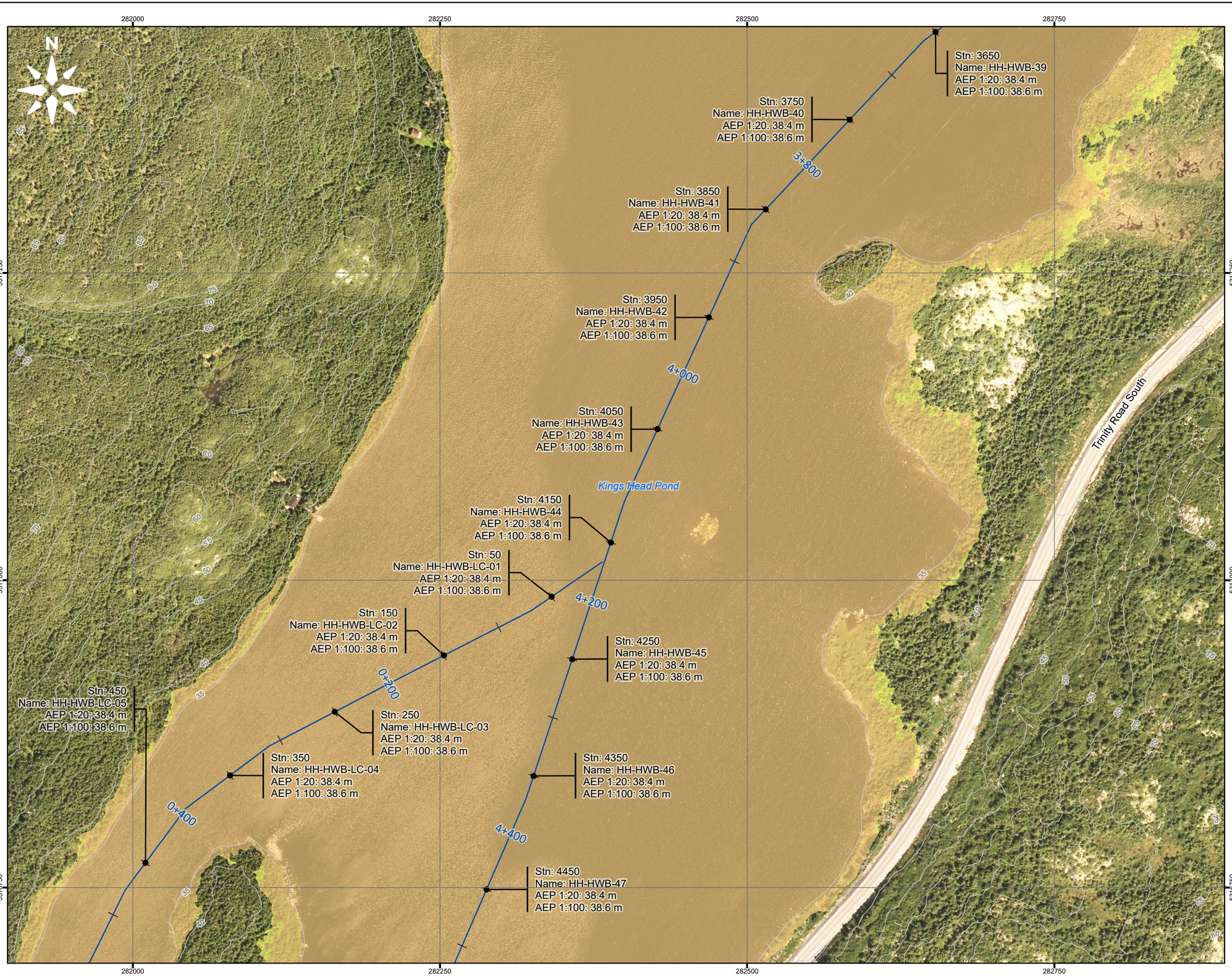
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

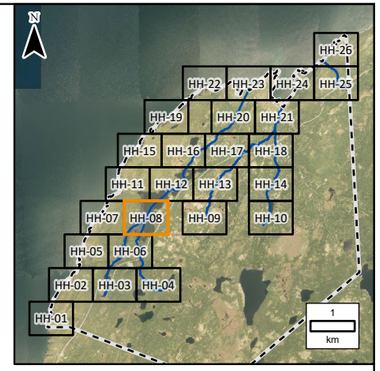
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-07

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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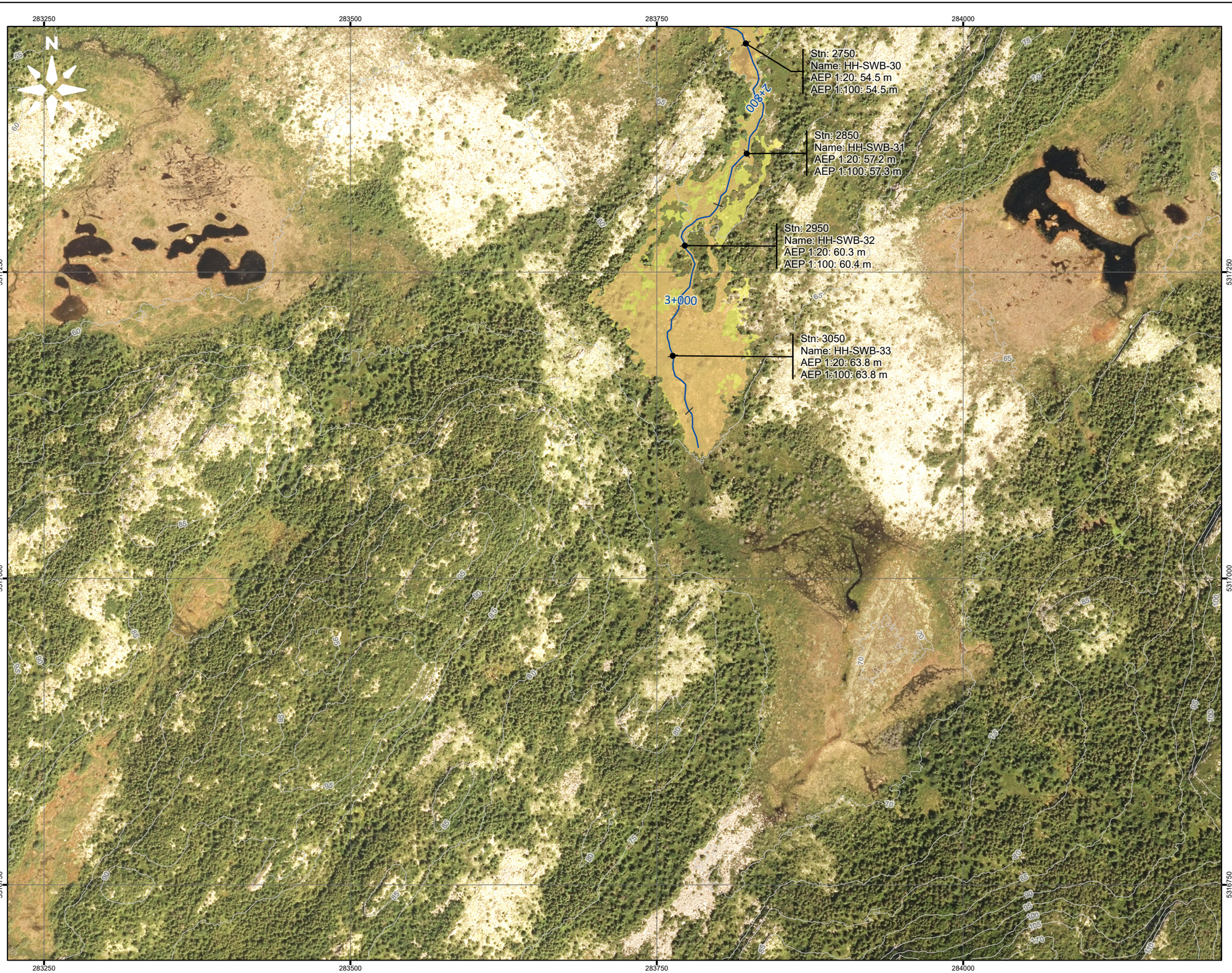
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

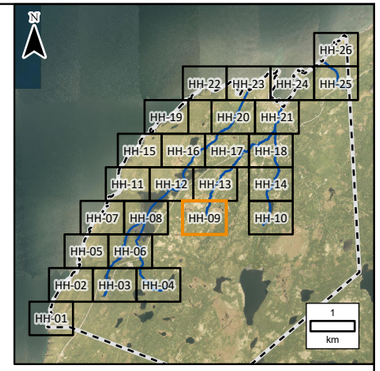
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-08

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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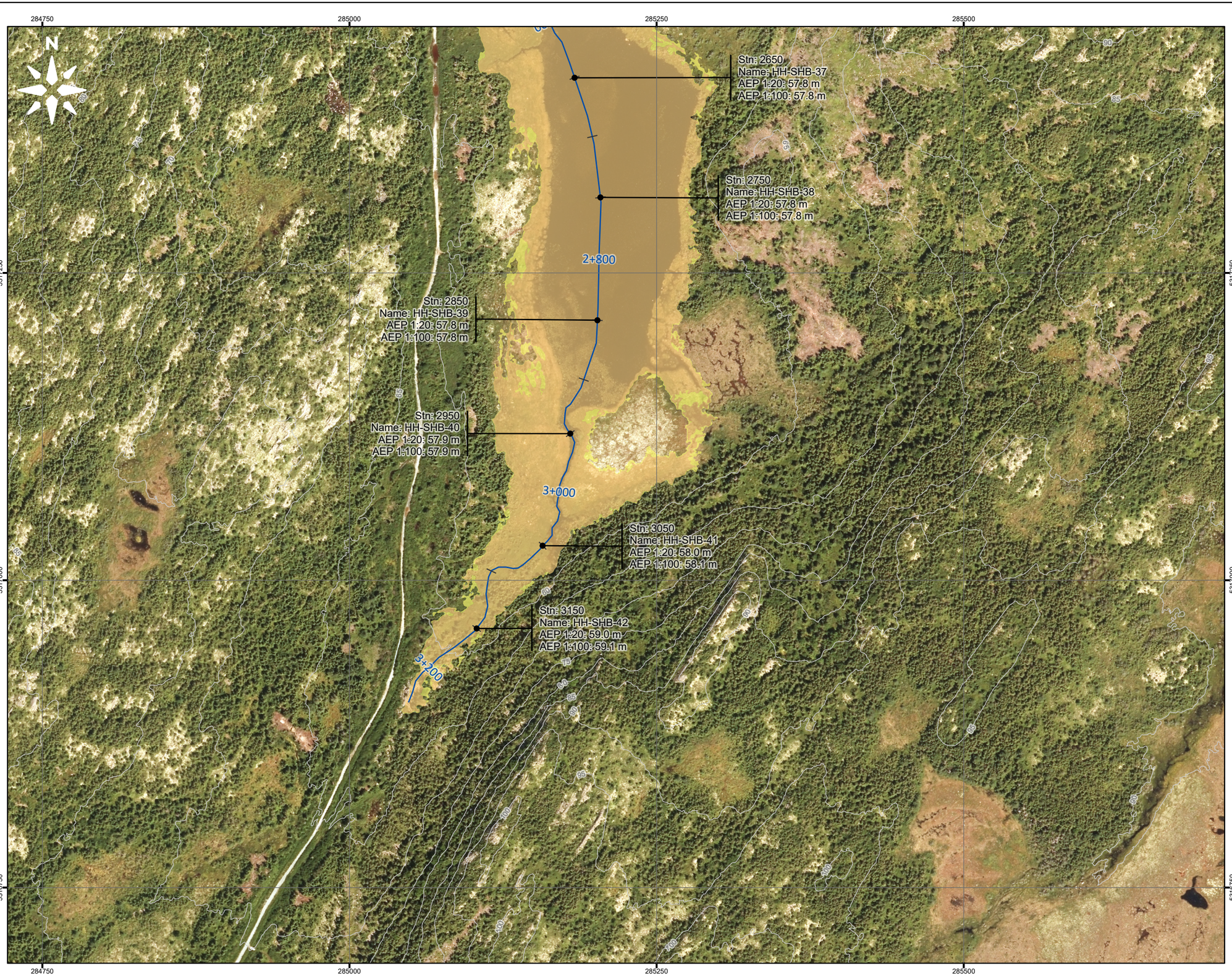
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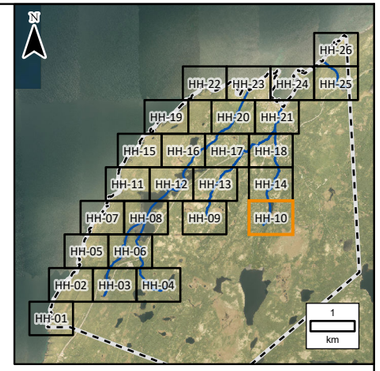
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-09

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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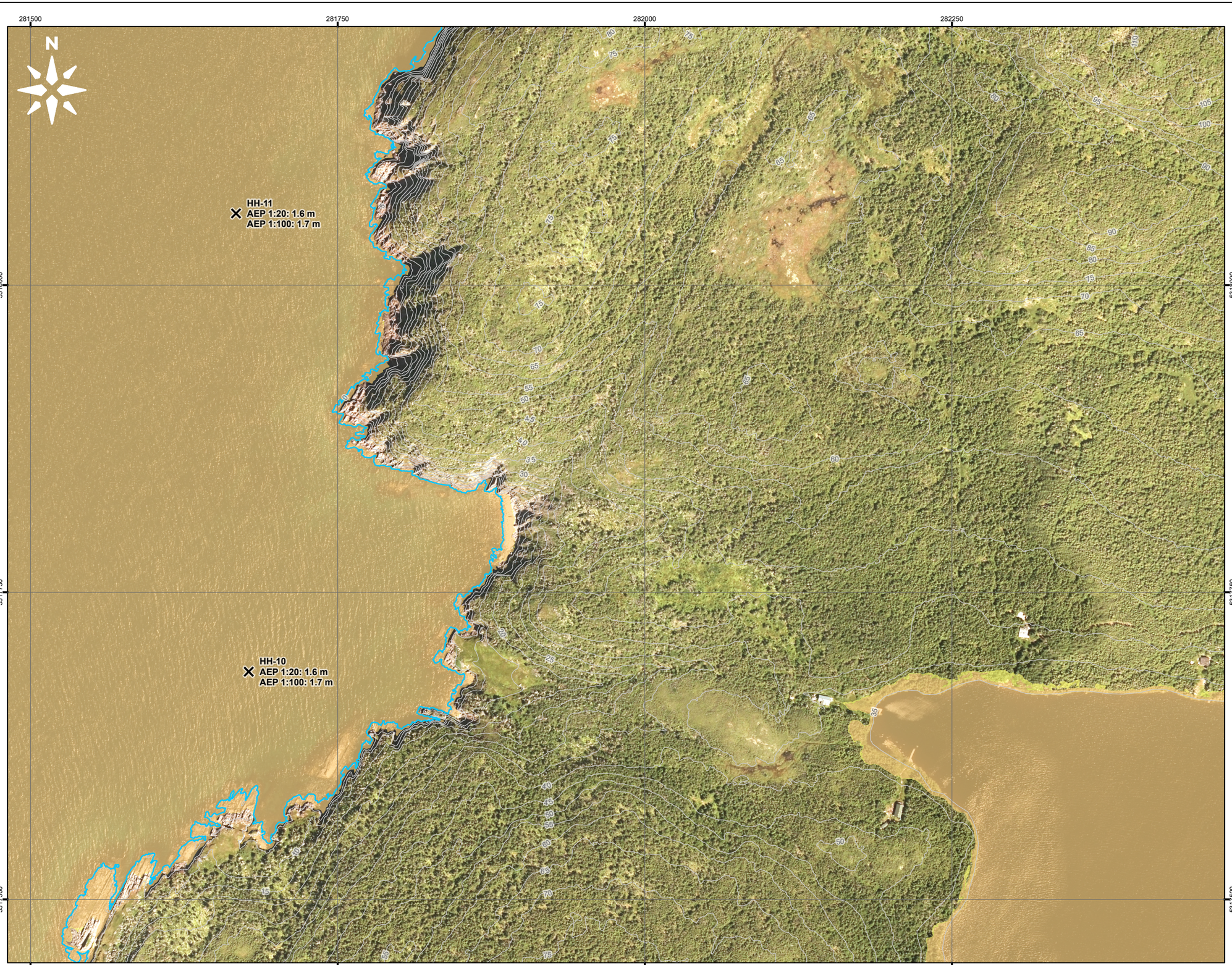
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

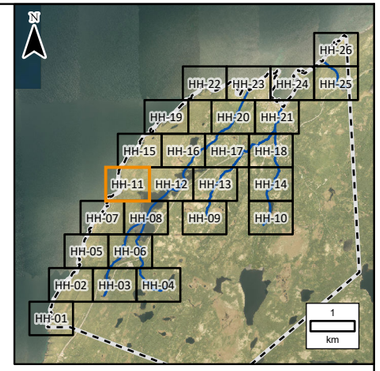
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-10

DECEMBER 2025	FIGURE 8.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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)
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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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Newfoundland Labrador Canada

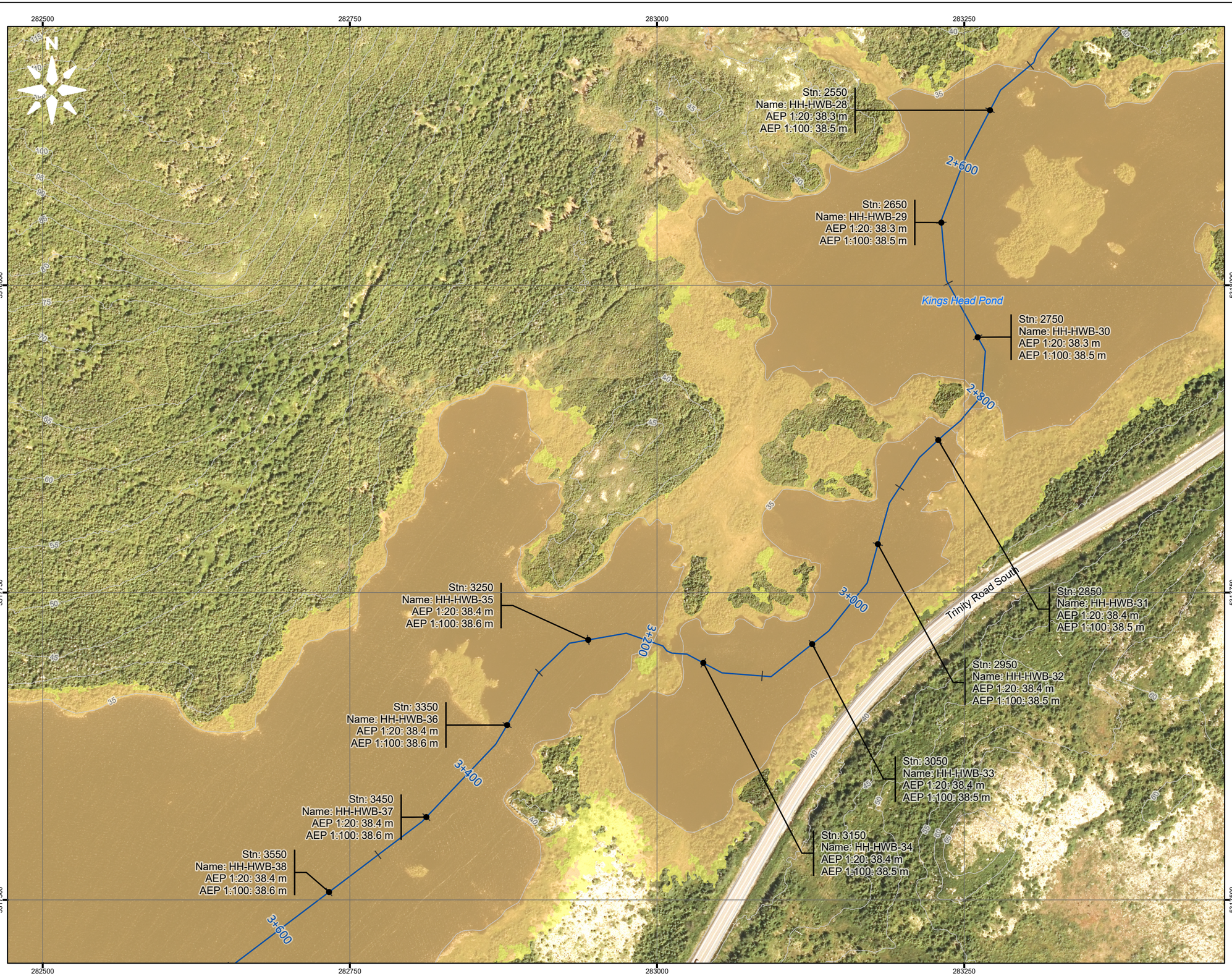
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

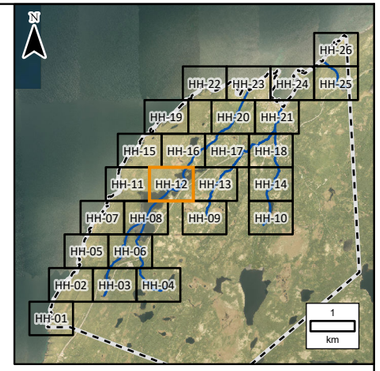
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-11

DECEMBER 2025	FIGURE 8.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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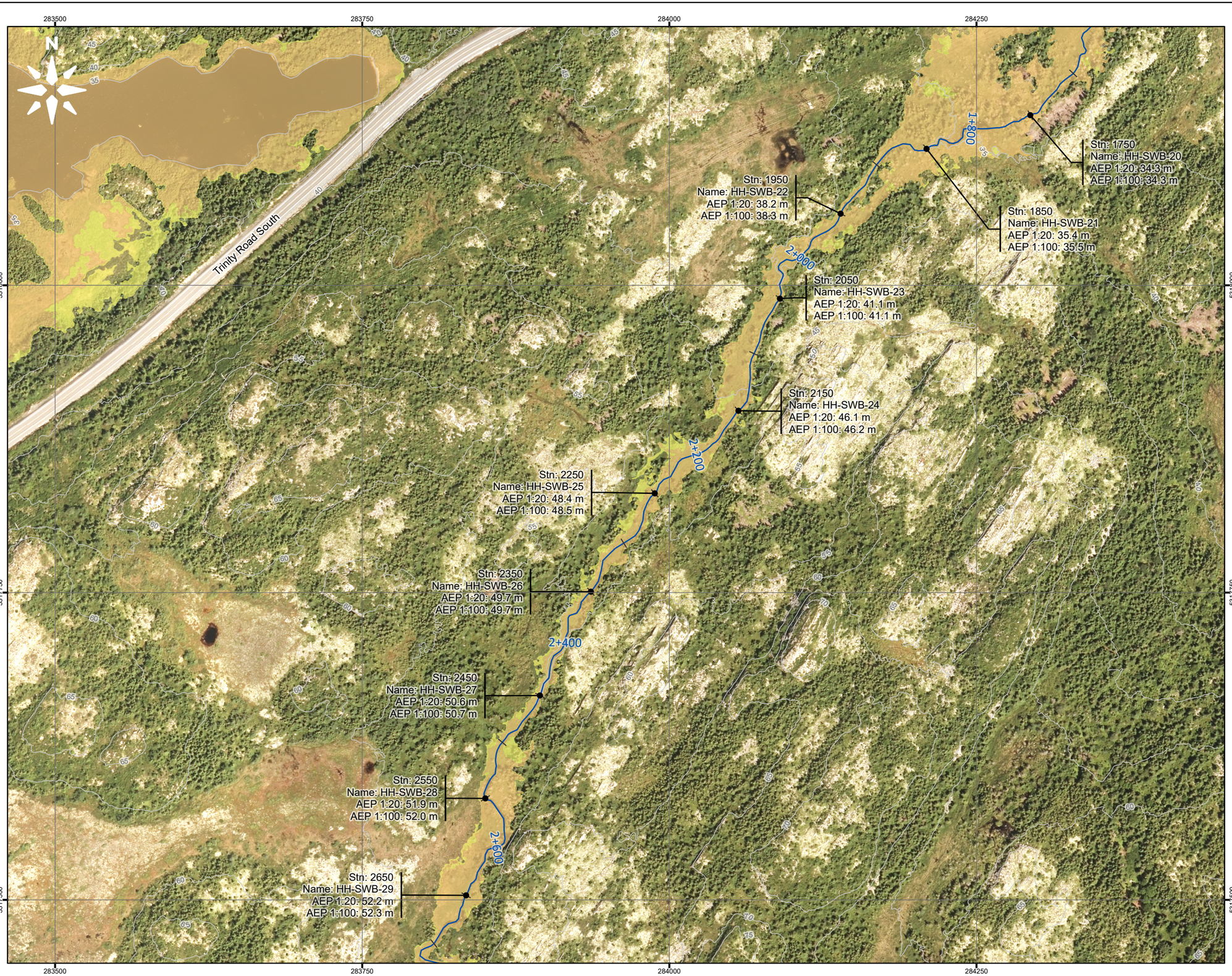
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

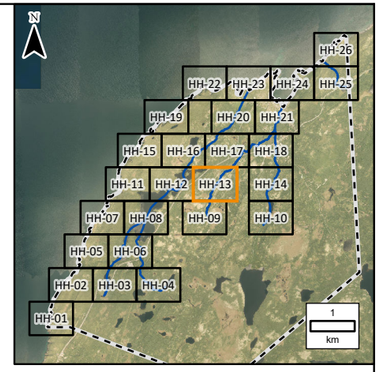
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-12

DECEMBER 2025 | FIGURE 8.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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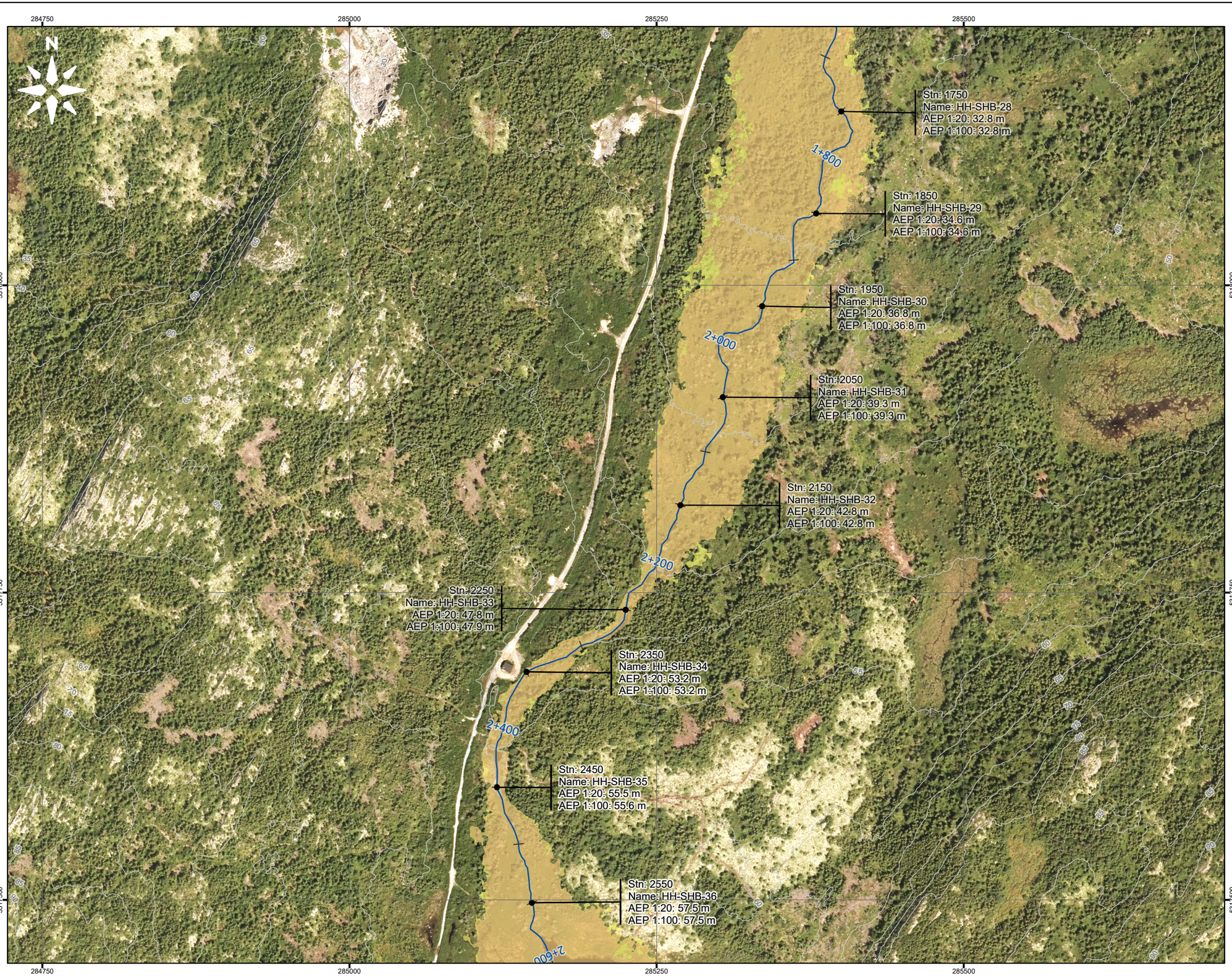
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

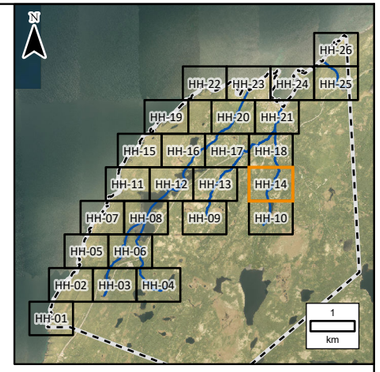
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-13

DECEMBER 2025 | FIGURE 8.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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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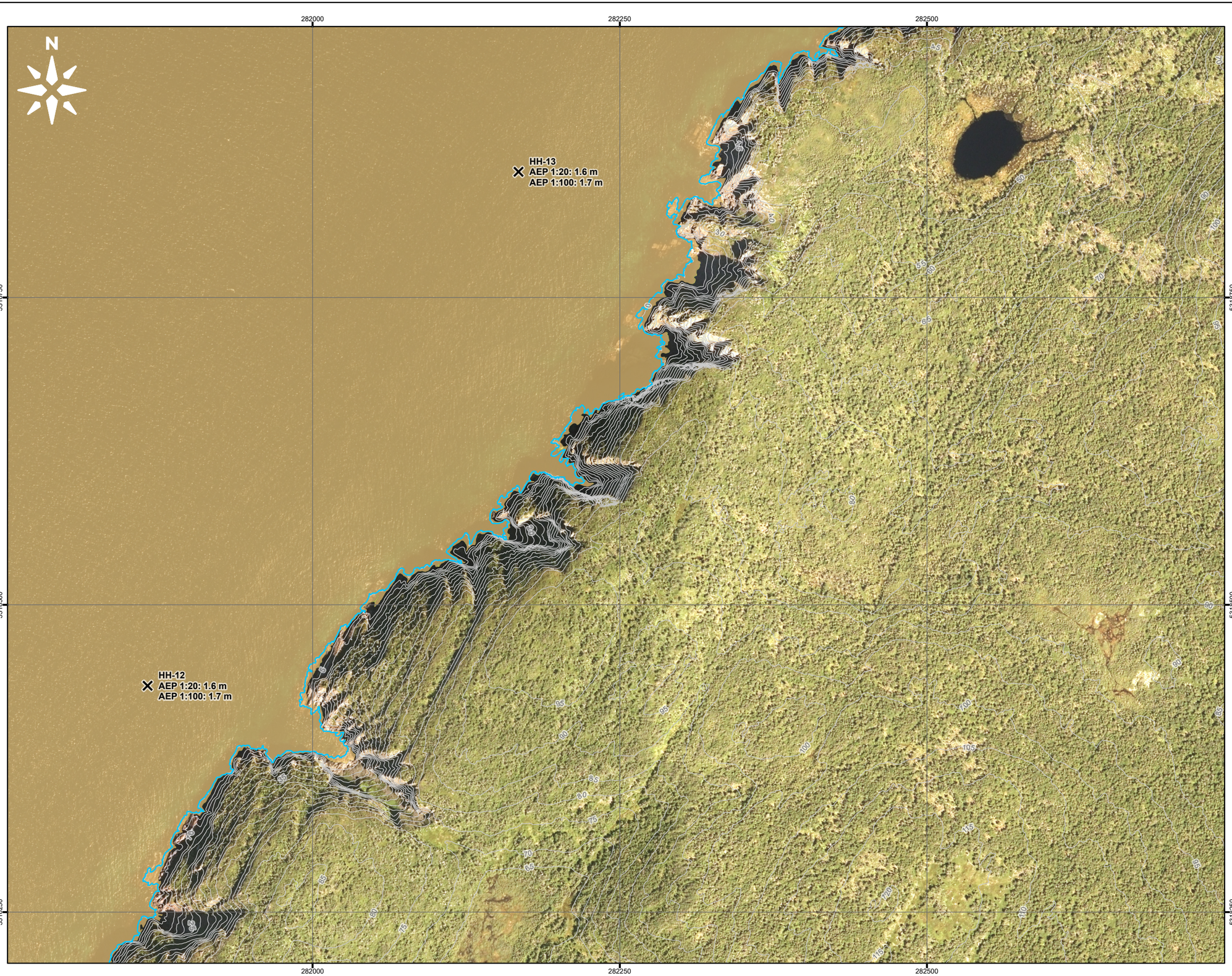
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

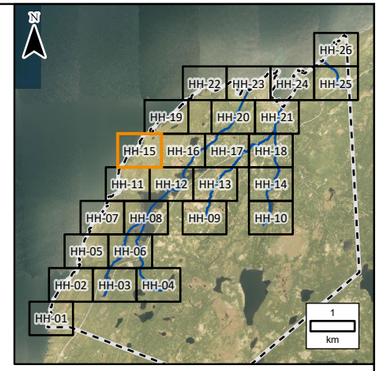
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-14

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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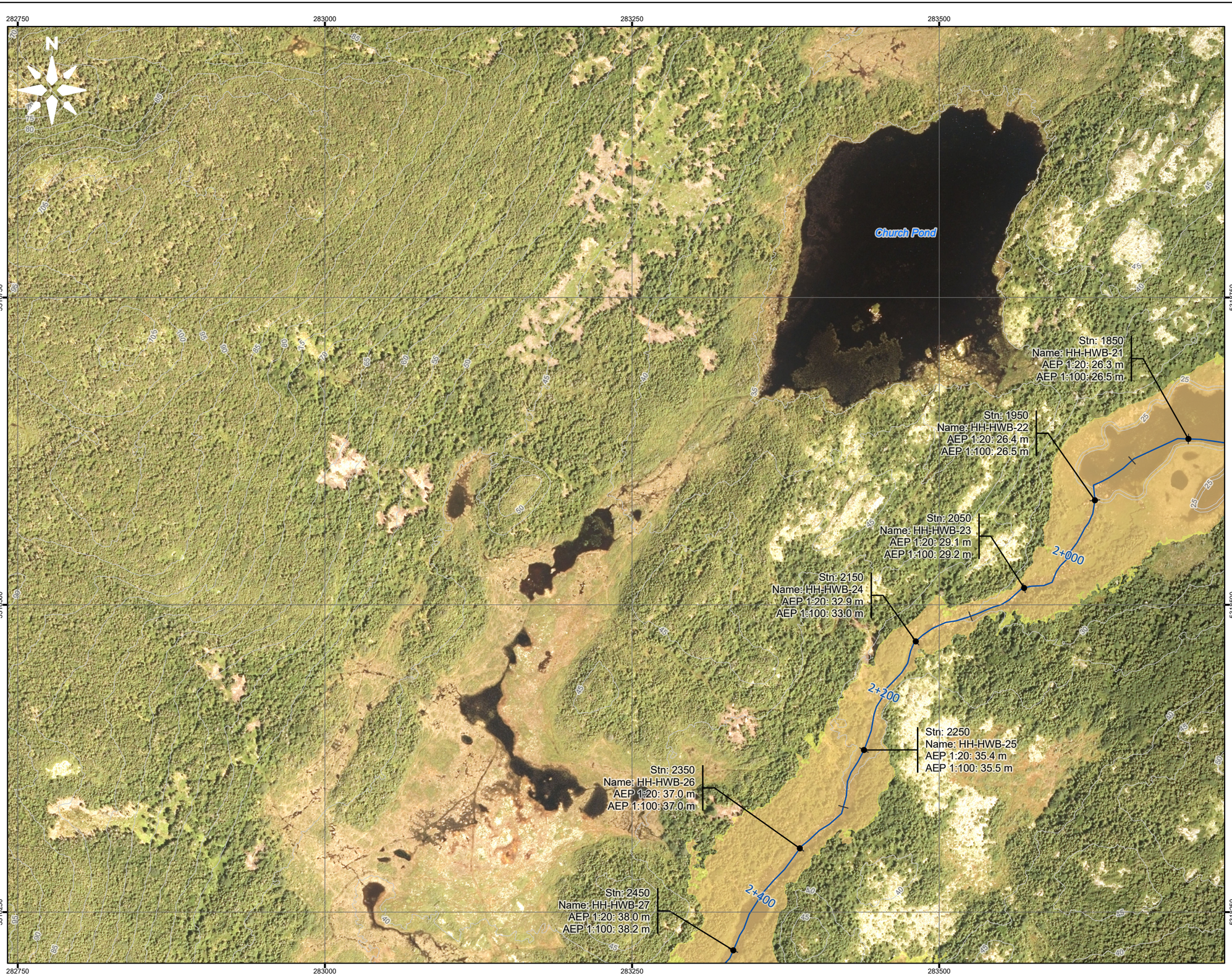
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

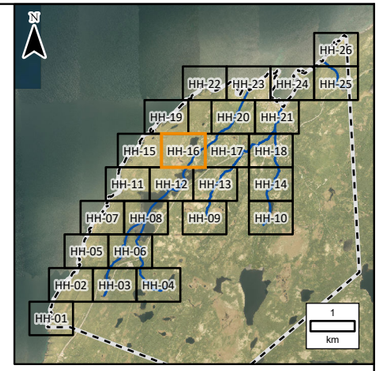
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-15

DECEMBER 2025	FIGURE 8.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

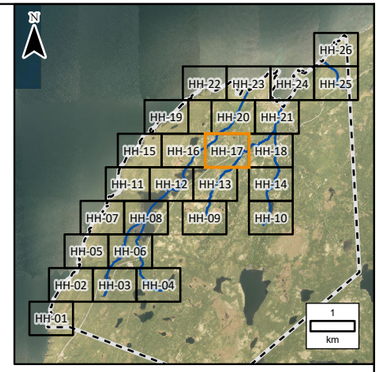
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-16

DECEMBER 2025	FIGURE 8.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- 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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

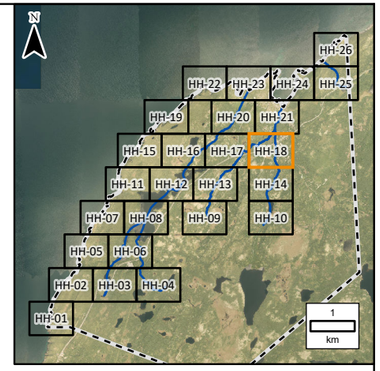
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-17

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
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- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
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- Limit of Mapping
- 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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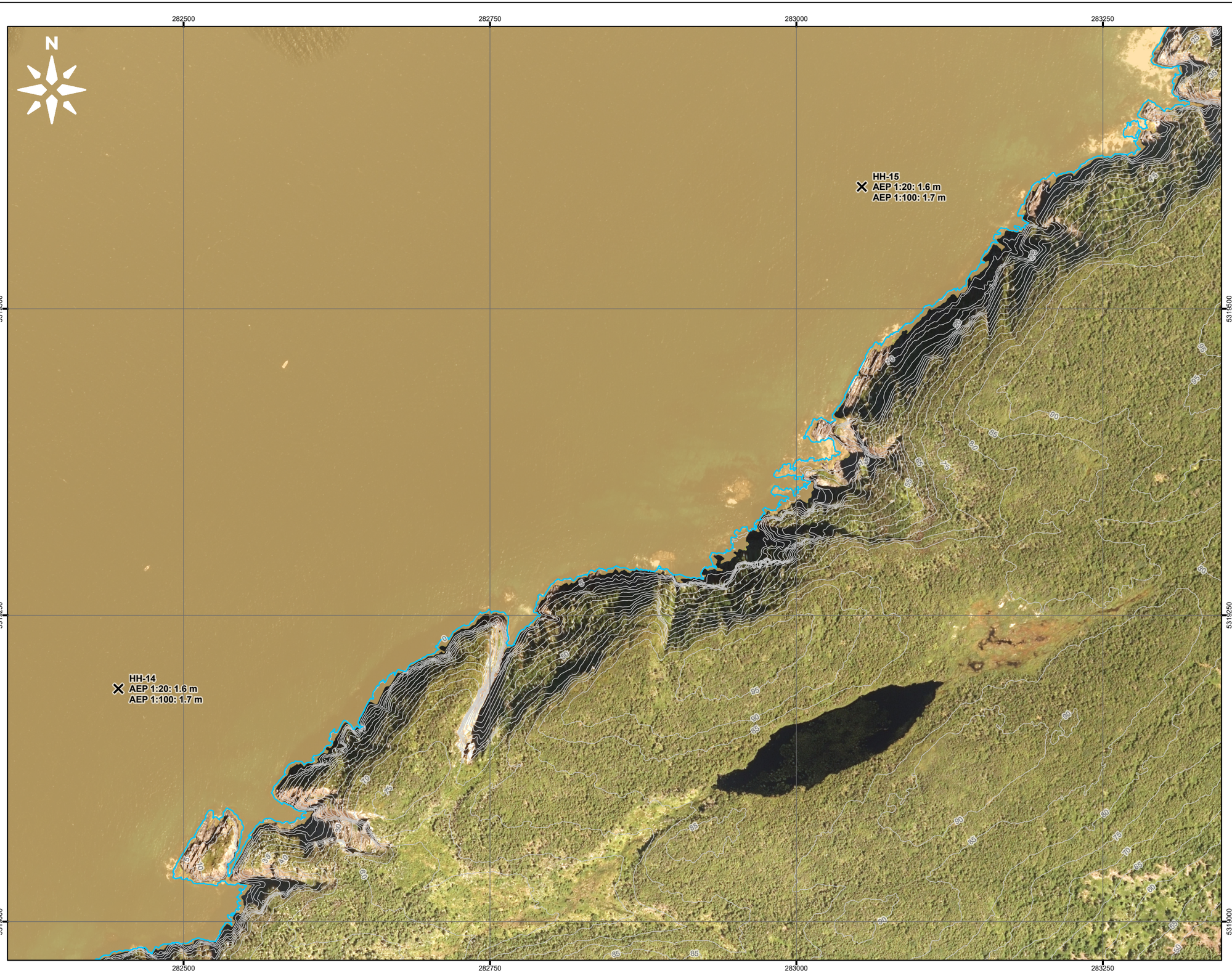
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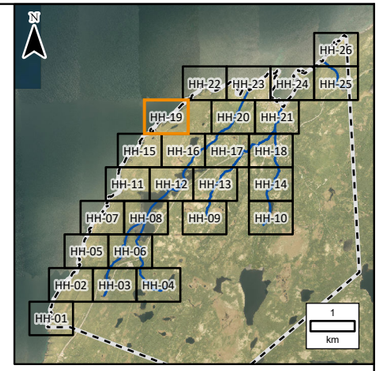
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-18

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
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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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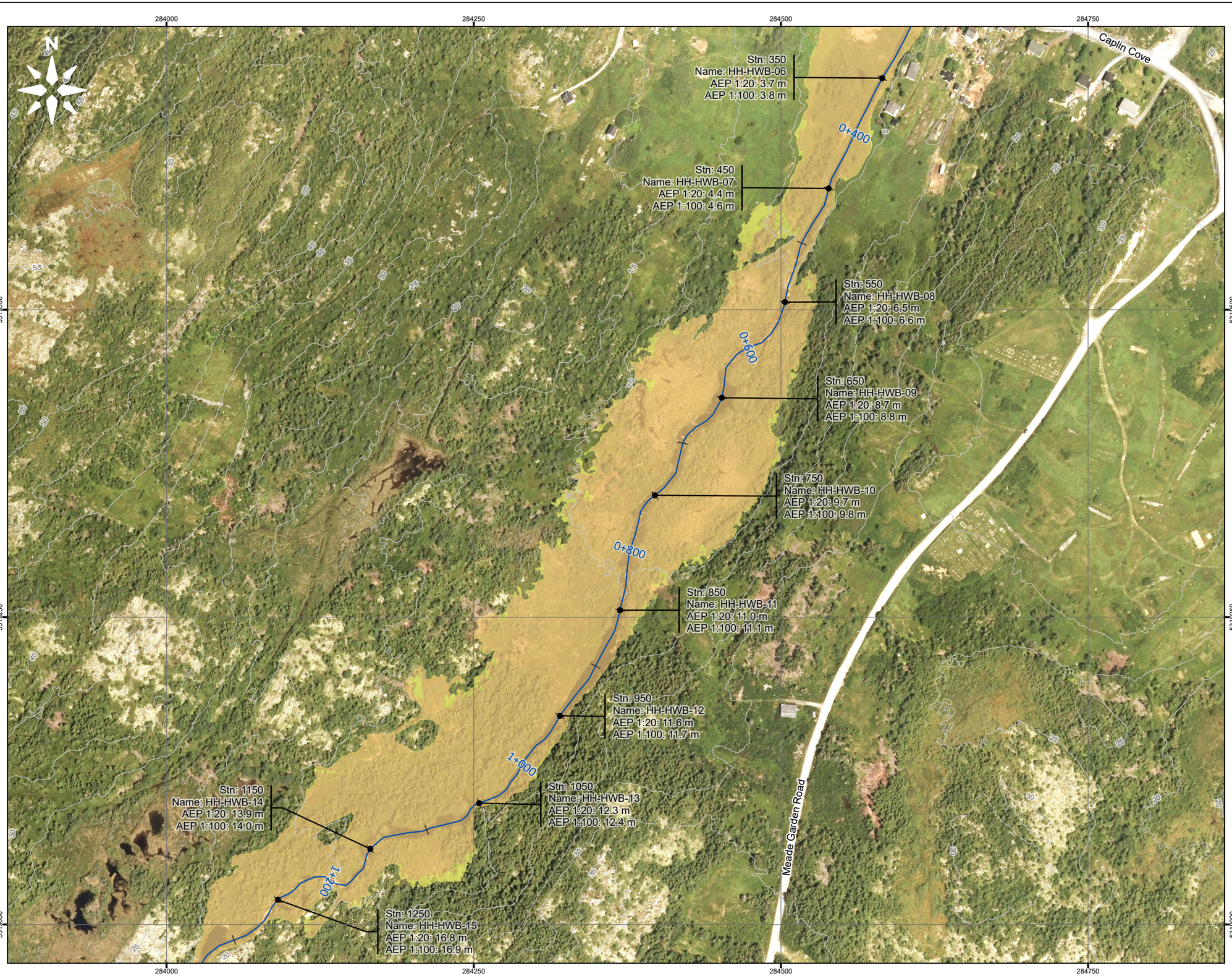
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

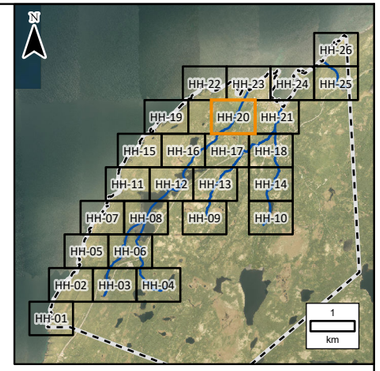
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-19

DECEMBER 2025 | FIGURE 8.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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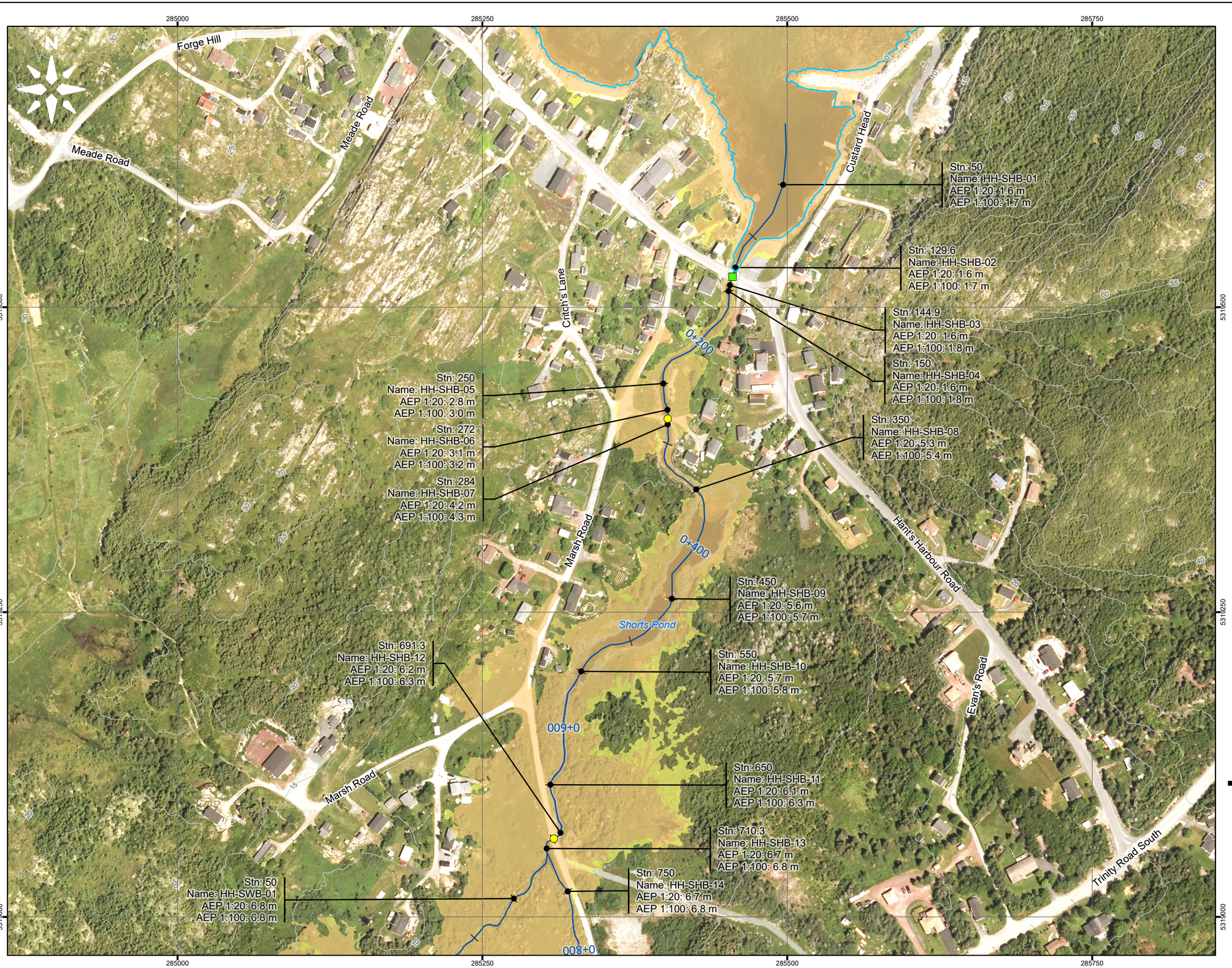
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

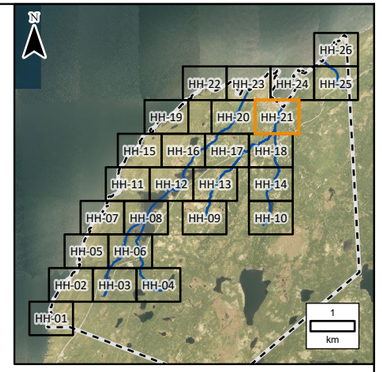
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-20

DECEMBER 2025	FIGURE 8.2	REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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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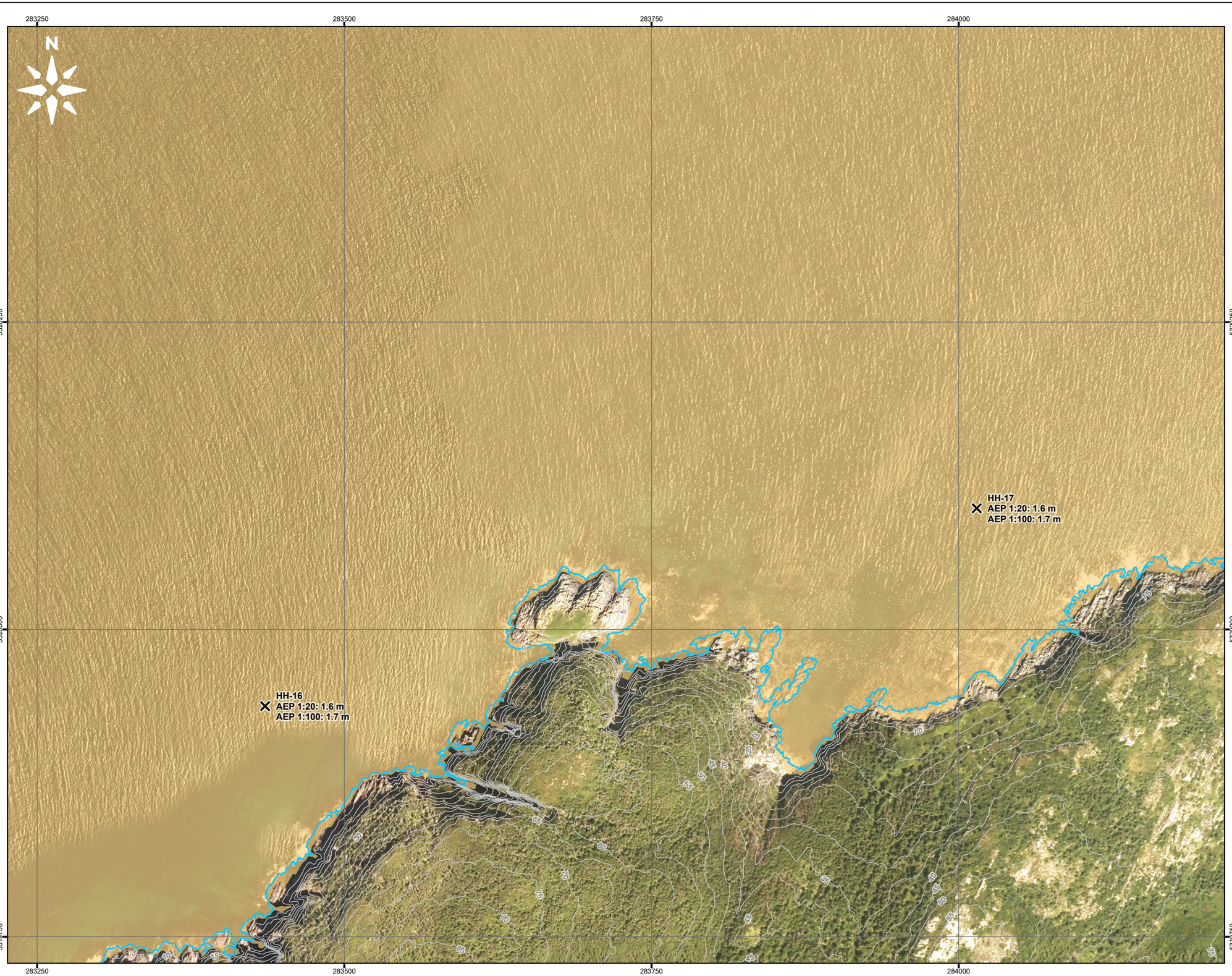
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

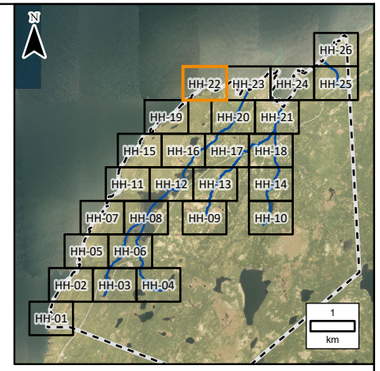
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-21

DECEMBER 2025 | FIGURE 8.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

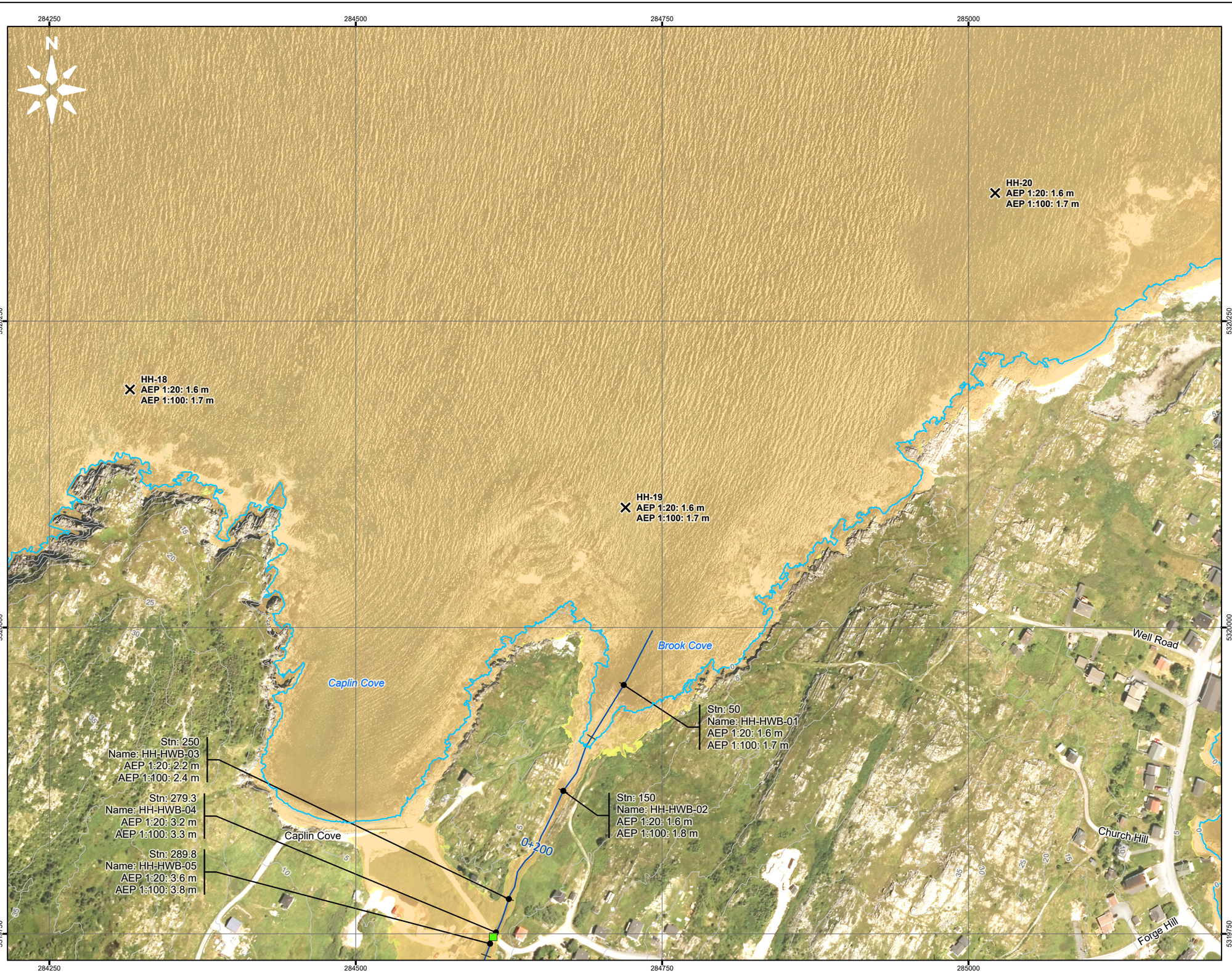
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-22

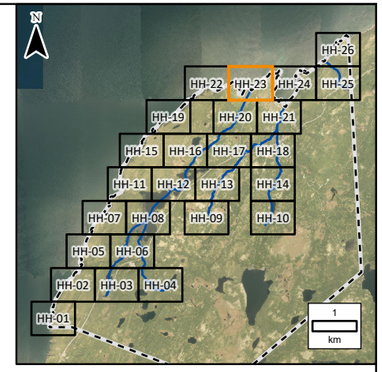
DECEMBER 2025 | FIGURE 8.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1





LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:

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20 0 20 40 60 80 100
Metres

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

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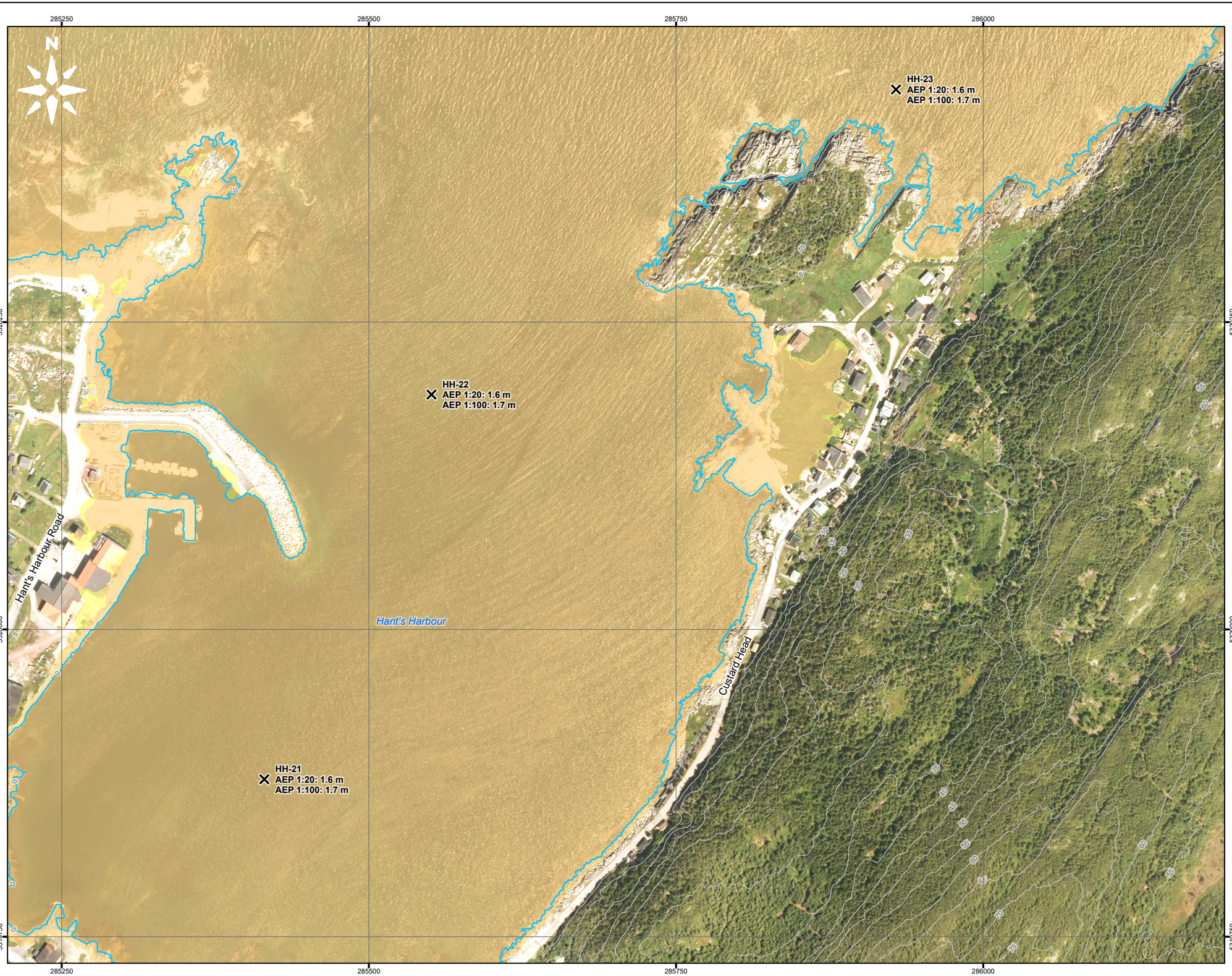
Newfoundland Labrador Canada

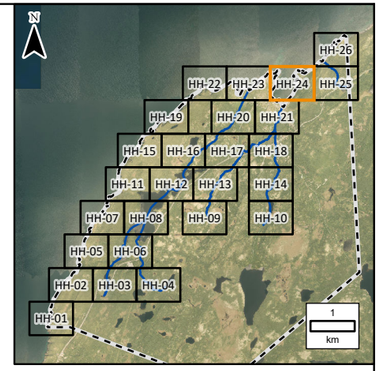
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-23

DECEMBER 2025	FIGURE 8.2	REV.: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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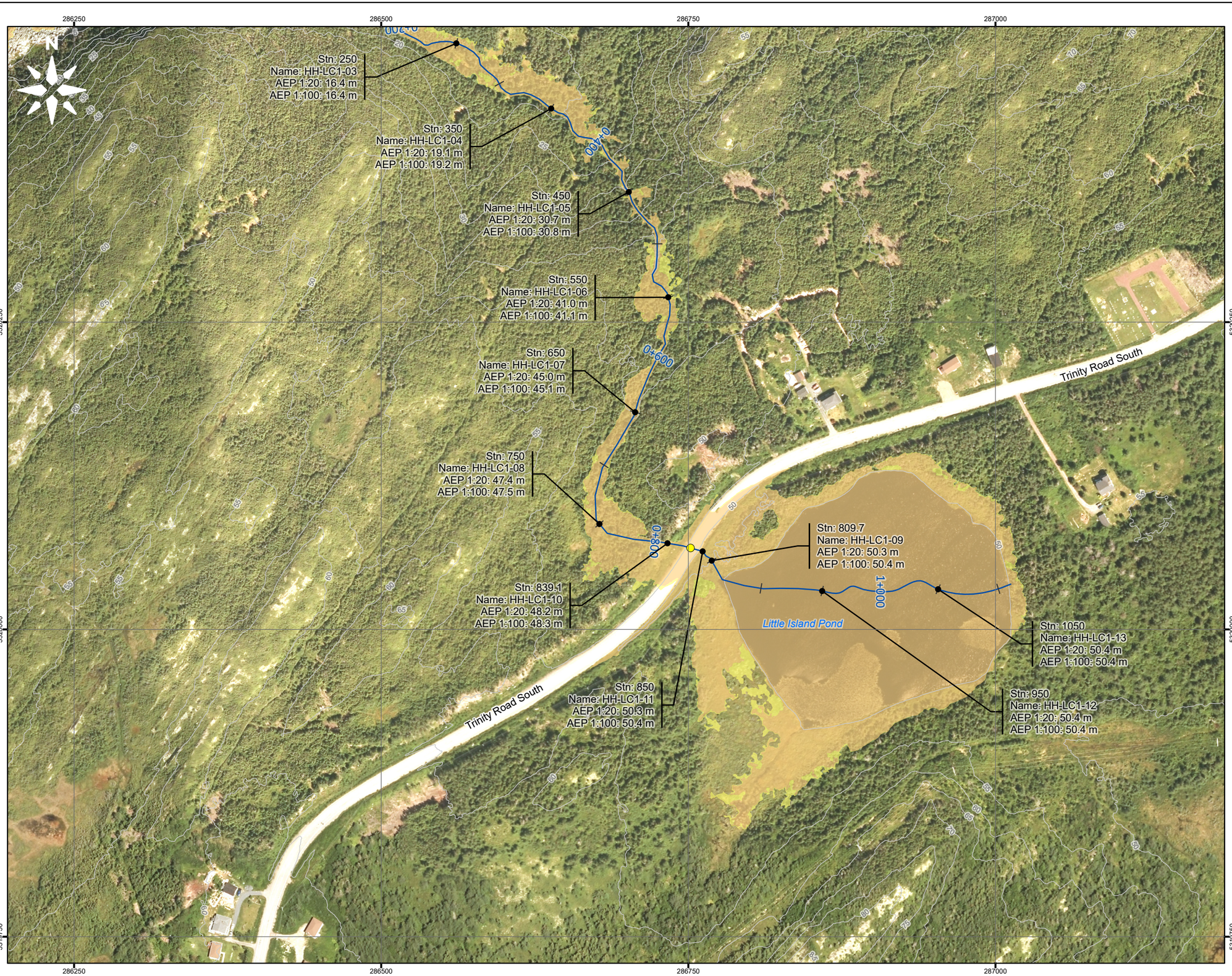
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

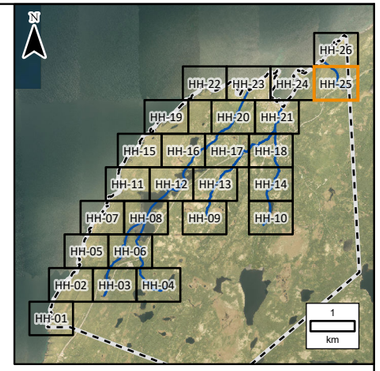
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-24

DECEMBER 2025 | FIGURE 8.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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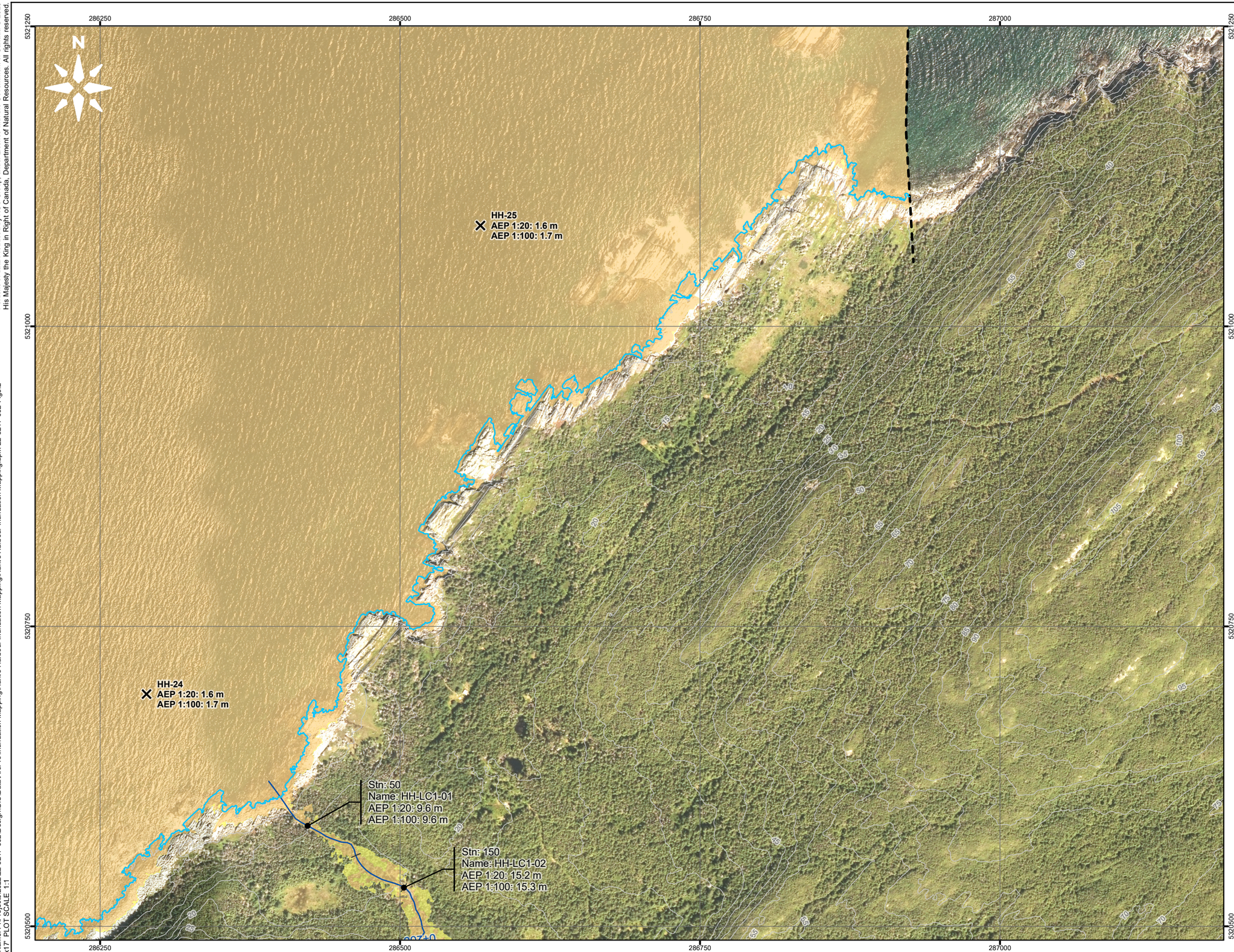
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

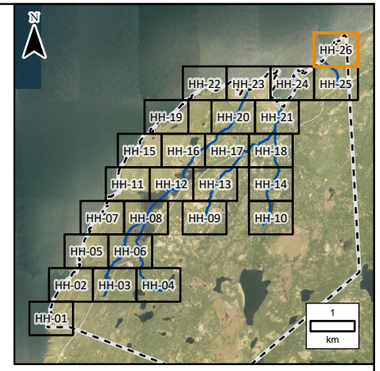
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-25

DECEMBER 2025 | FIGURE 8.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
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- 1:20 Year Flood Zone
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- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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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 HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - HH-26

DECEMBER 2025	FIGURE 8.2	REV: 0

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11"x17" PLOT SCALE 1:1