APPENDIX T

MAPS SHOWING LOCATIONS OF FLOODED BUILDINGS

APPENDIX T

CHURCHILL RIVER

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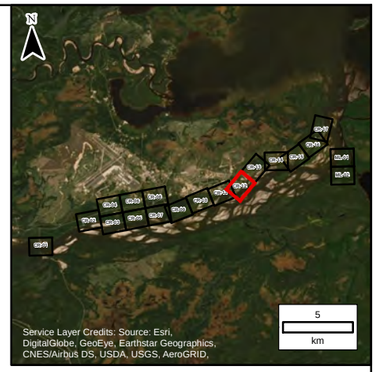

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC–CD) CR–12

JUNE 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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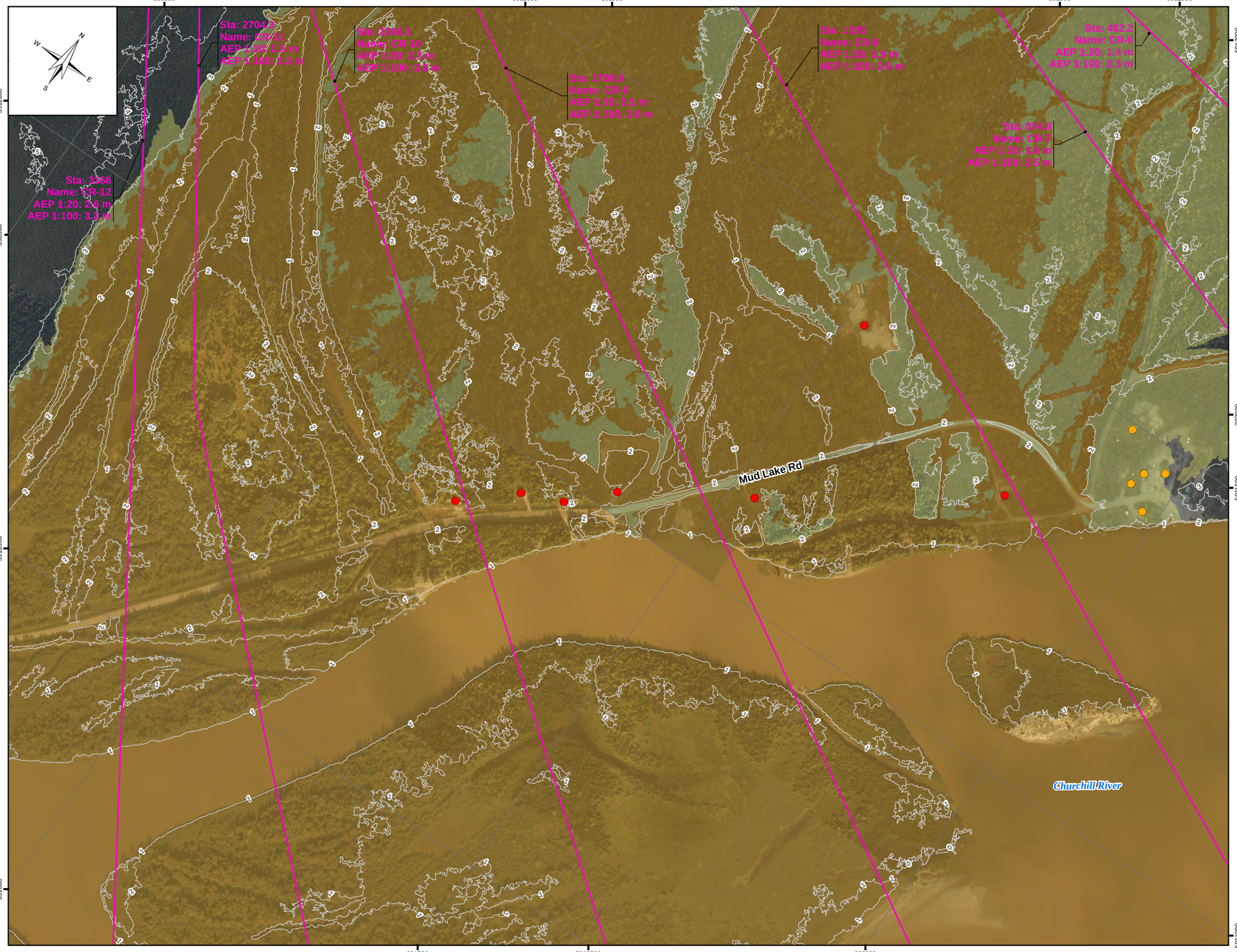

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

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Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC–CD) CR–16

JUNE 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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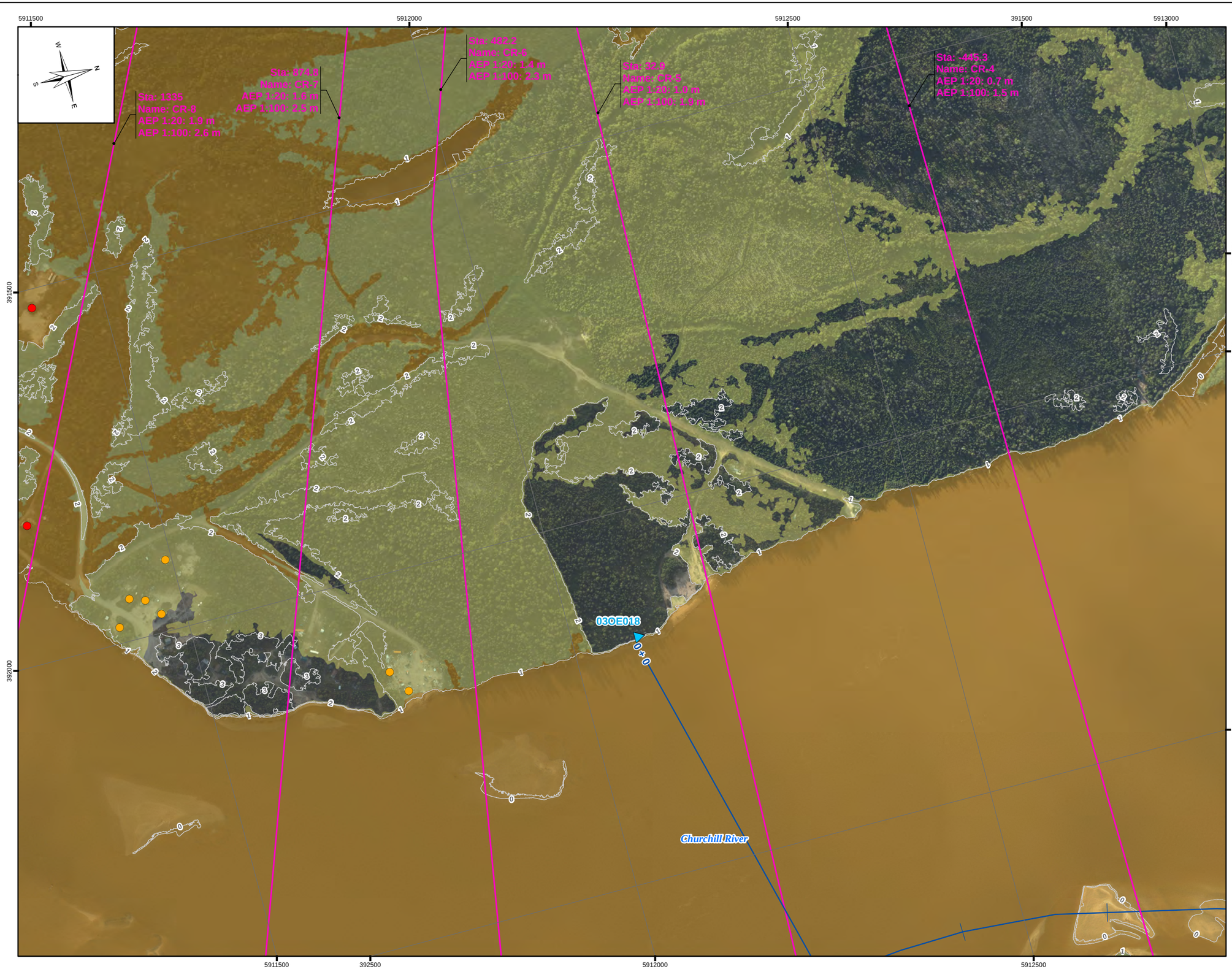

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

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50 0 50 100 150 200
Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC–CD) CR–17

JUNE 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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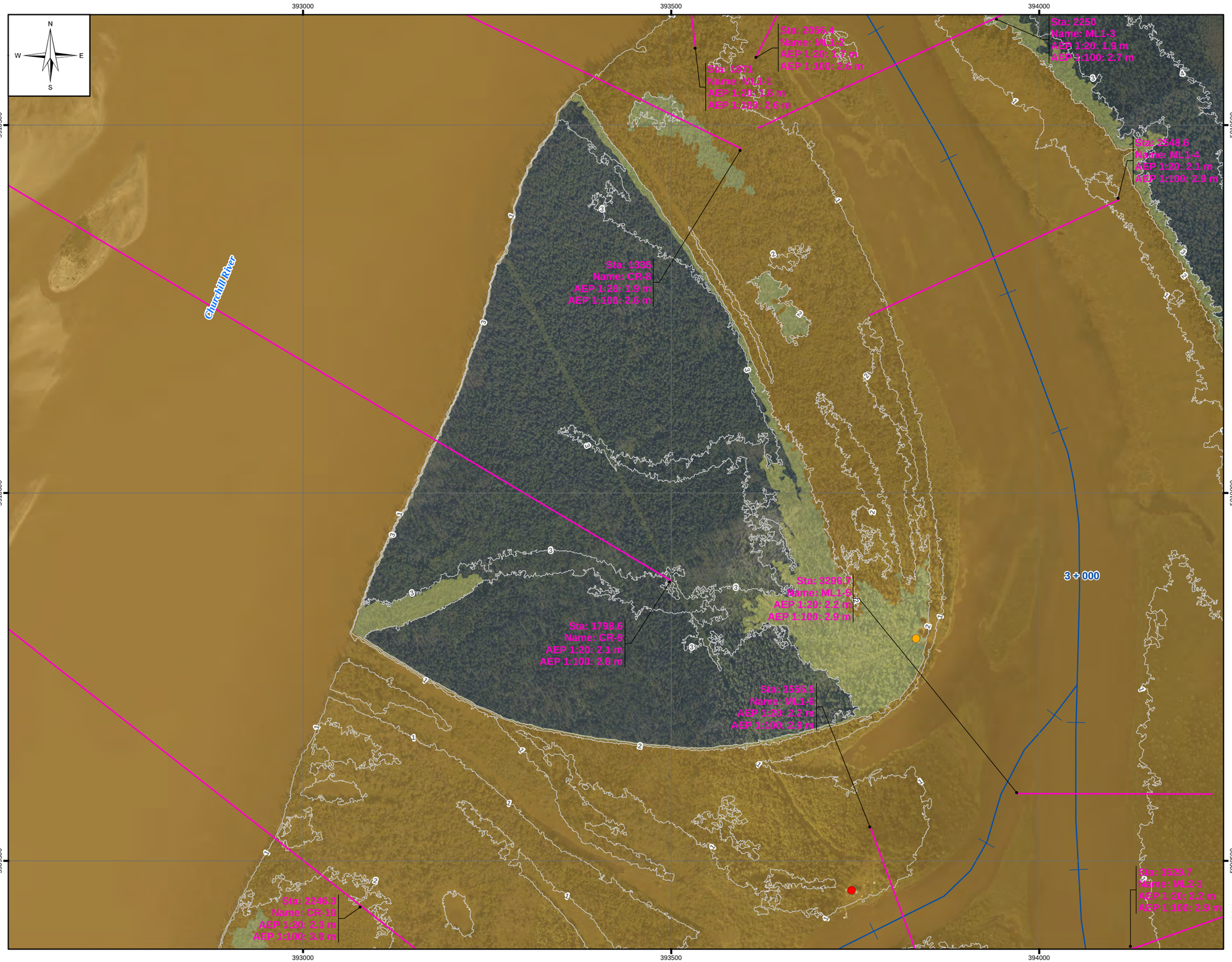

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

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50 0 50 100 150 200
Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC–CD)
ML–01

JUNE 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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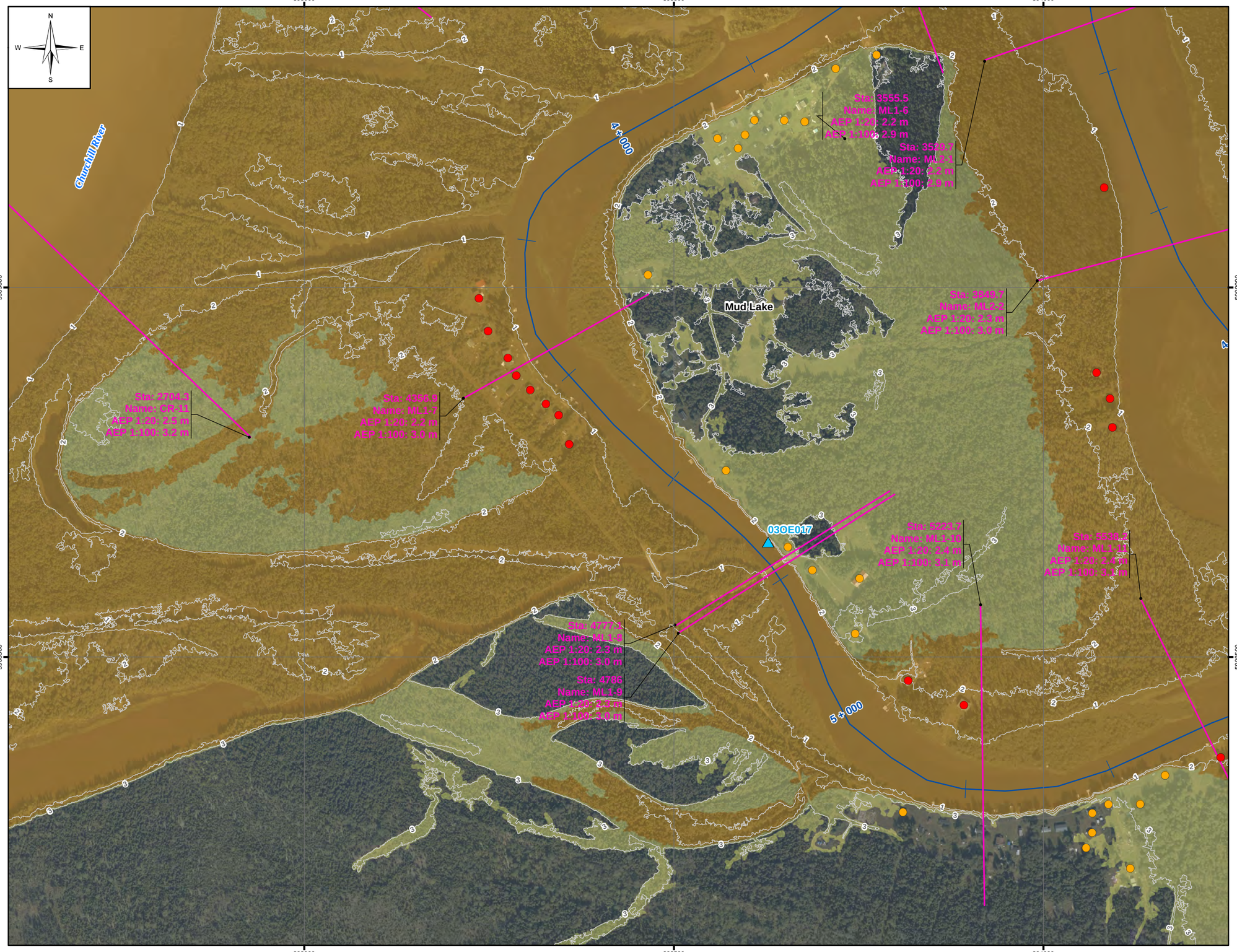

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC–CD)
ML–02

JUNE 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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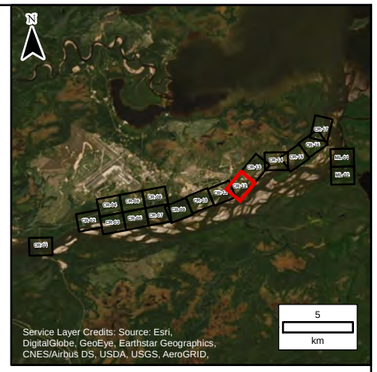

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Climate Change, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CLC–CD)
CR–12

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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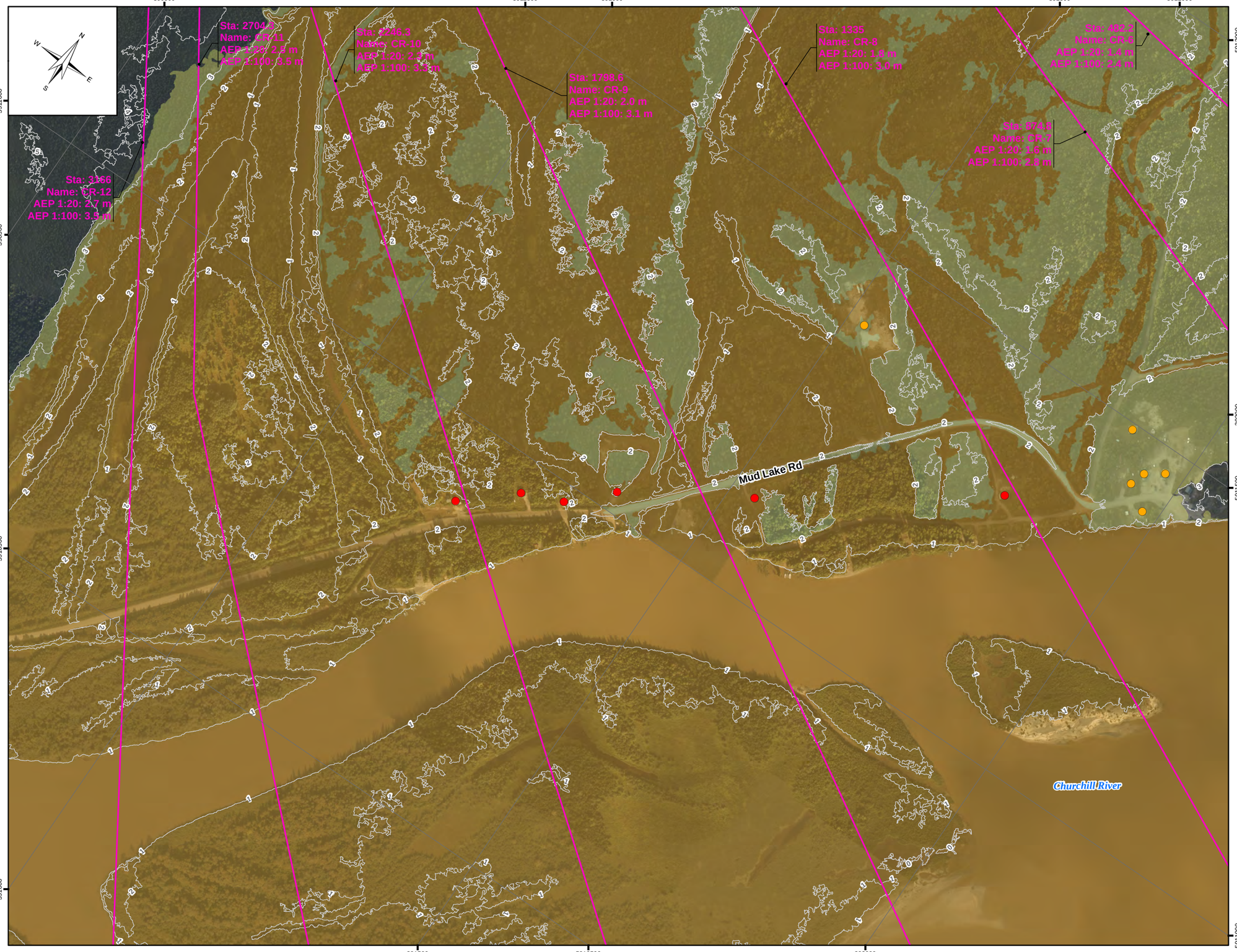

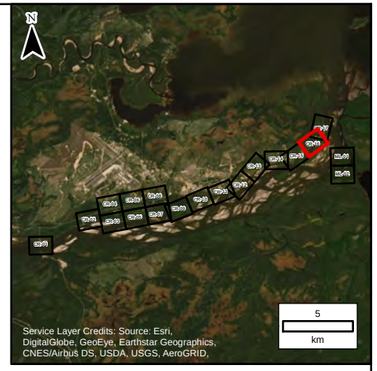

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Climate Change, Current Development)

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Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CLC–CD)
CR–16

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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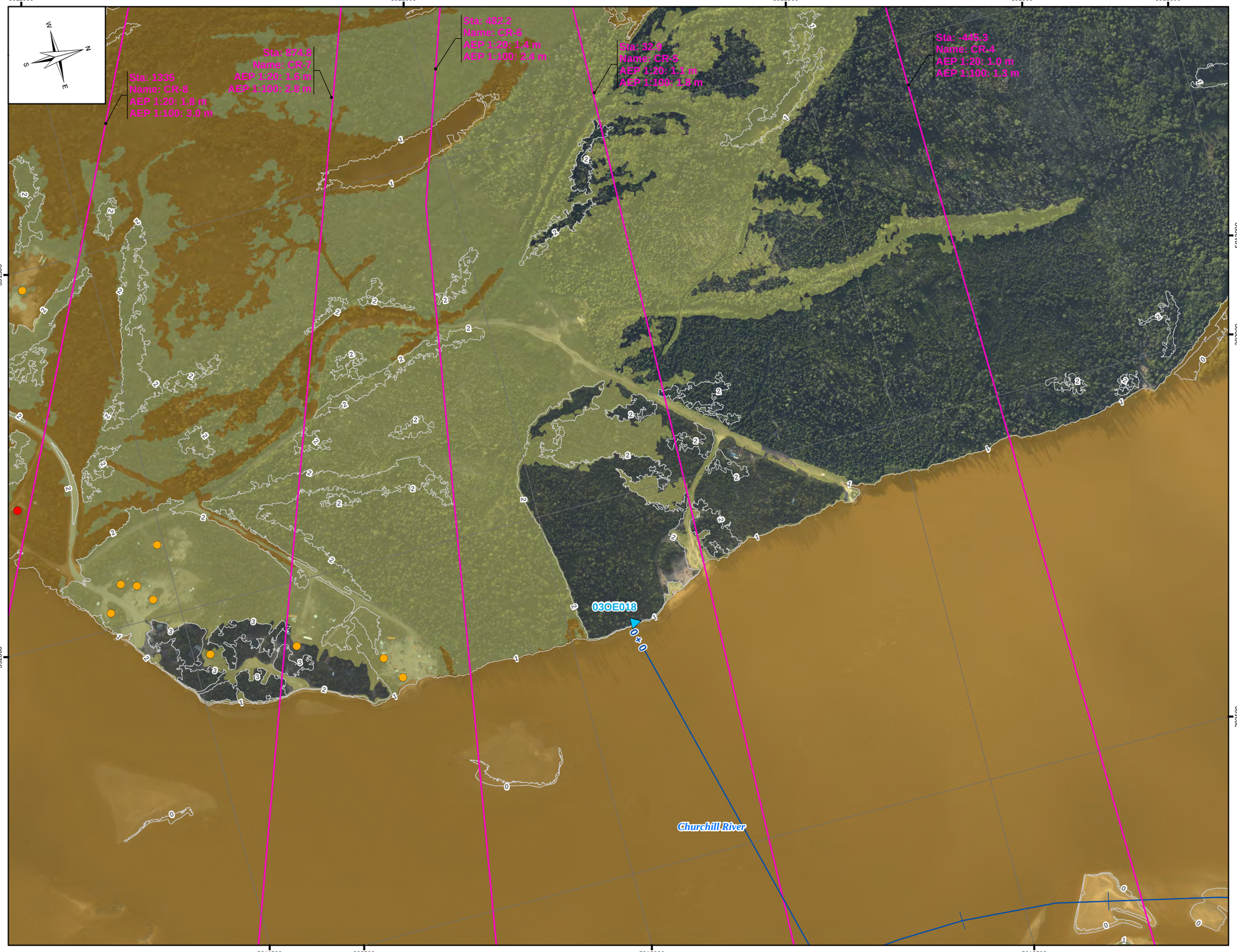

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
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50 0 50 100 150 200
Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CLC–CD)
CR–17

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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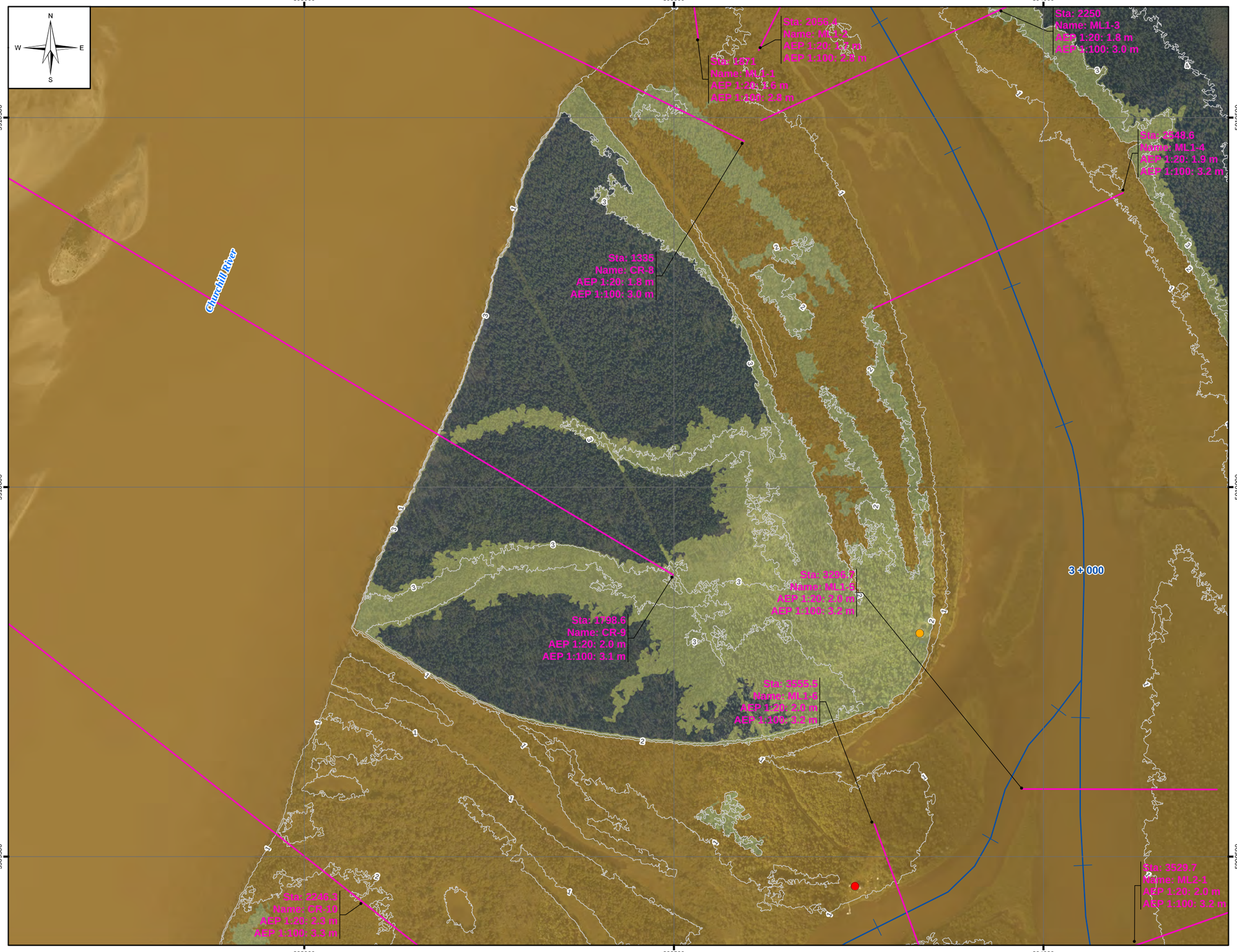

LEGEND:

- Sta: 23648 / Name: CR-S3 / AEP 1:20: 4.2 m / AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
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50 0 50 100 150 200
Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CLC–CD)
ML–01

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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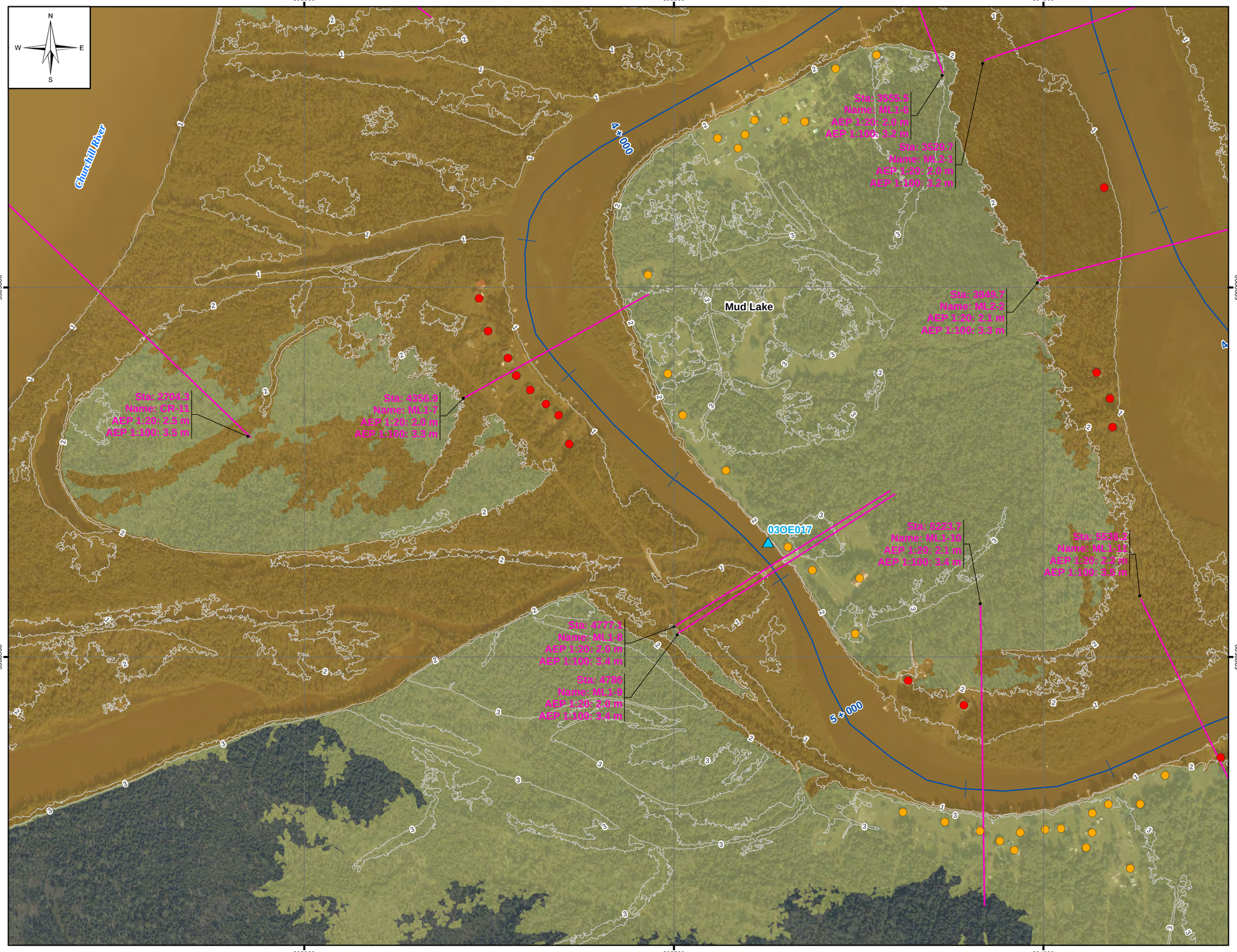

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
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50 0 50 100 150 200
Metres

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CLC–CD)
ML–02

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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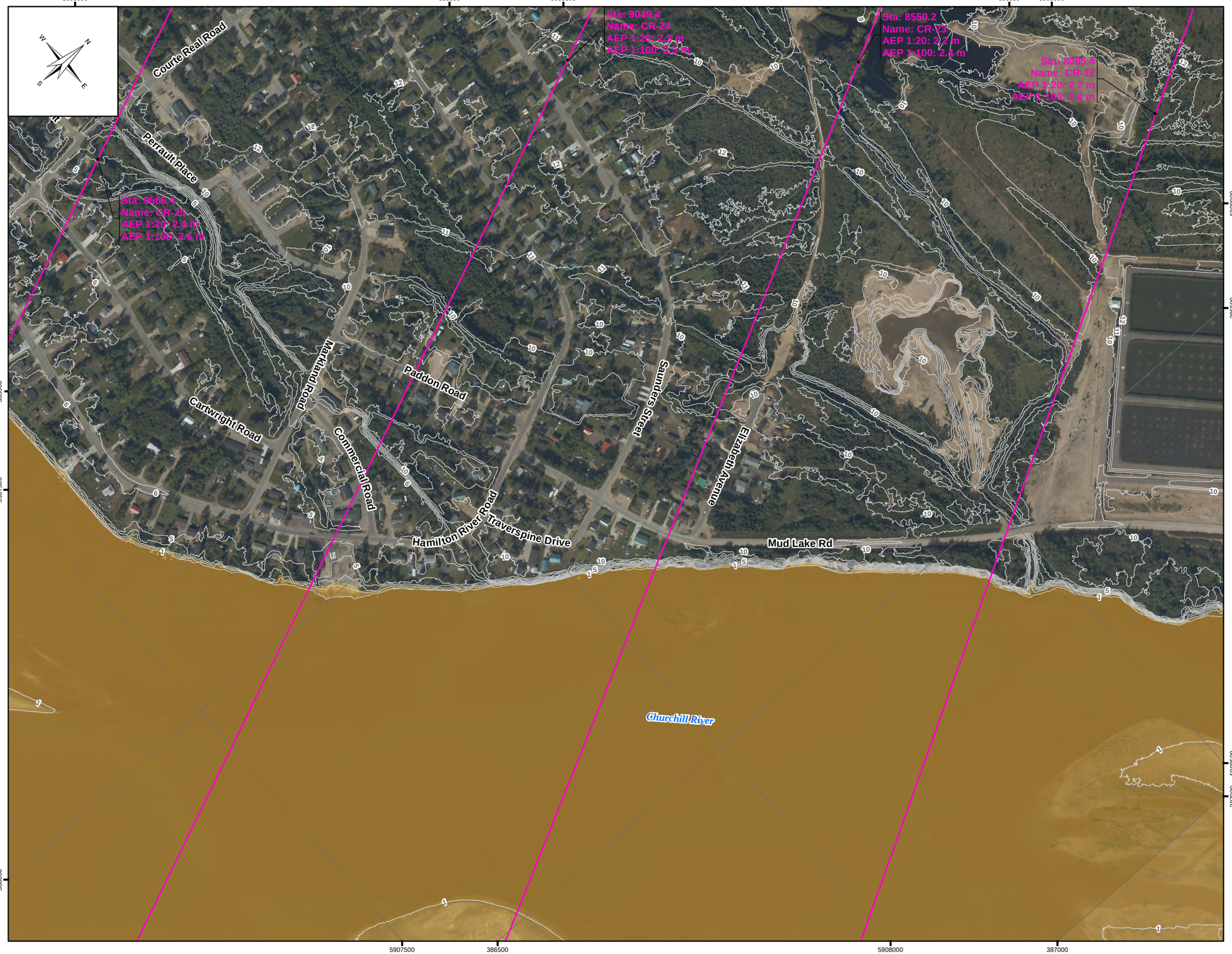

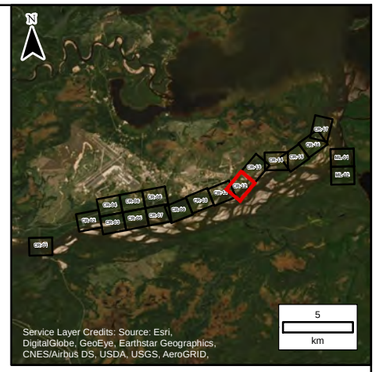

LEGEND:

- Sta: 23648 / Name: CR-53 / AEP 1:20: 4.2 m / AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD)
CR–12

JUNE 2020 | FIGURE 03 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig03_11x17.mxd
11"x17" PLOT SCALE 1:1

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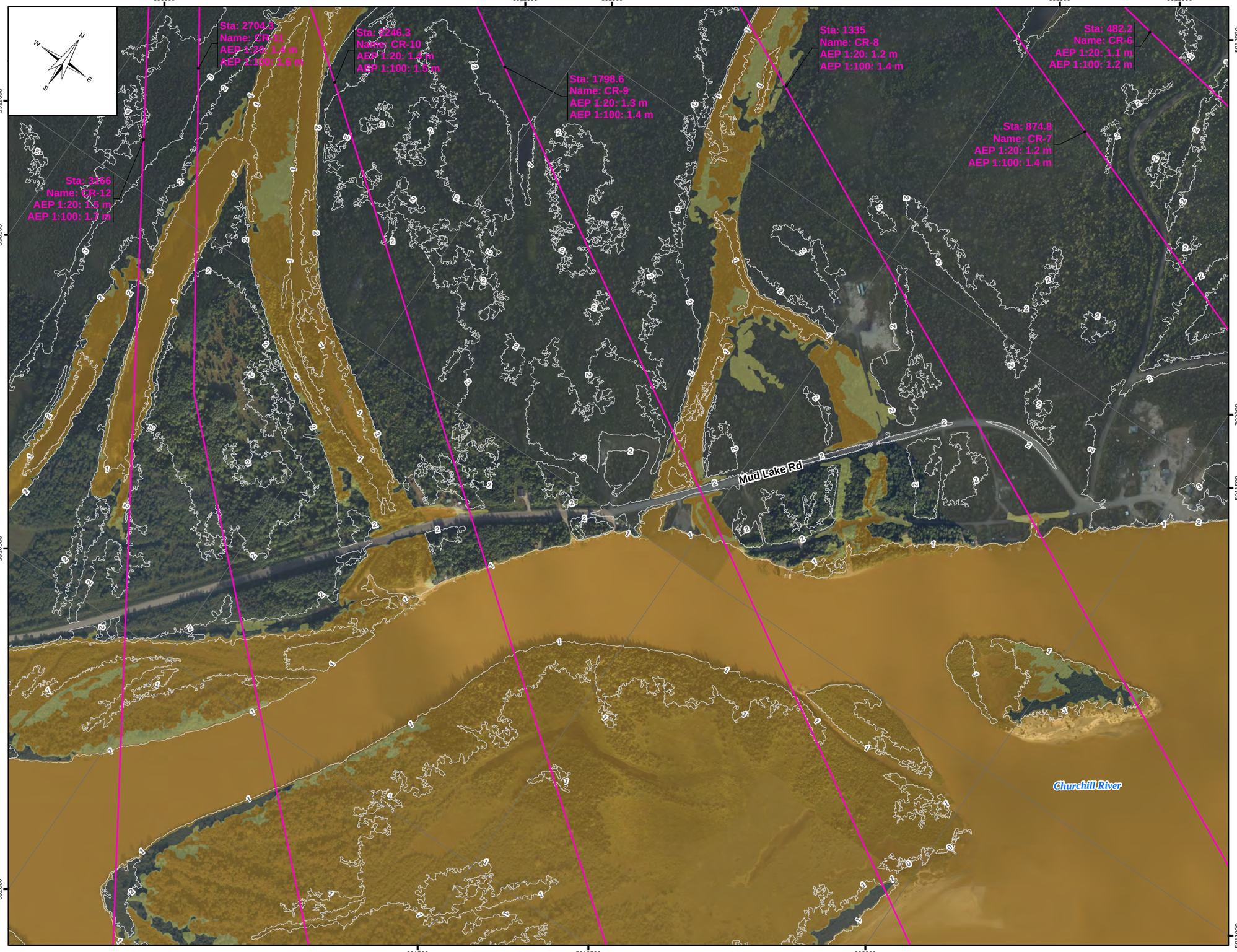

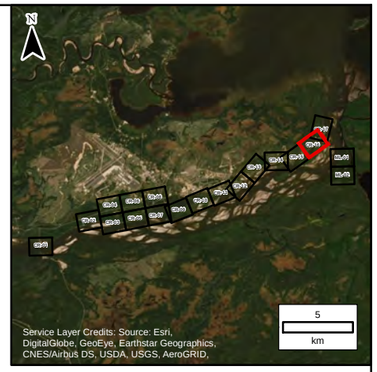

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)

NOTES:

1. Imagery is supplied by ATLIS Geomatics and dated as September 11 – 13, 2019.
2. Topography shown was developed by KGS Group from the LiDAR captured by ATLIS Geomatics on September 11 – 13, 2019.
3. Preliminary building database provided by WRMD on July 25, 2017. Some buildings shown in the aerial imagery are not included in the building database.

50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD) CR–16

JUNE 2020 | FIGURE 03 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig03_11x17.mxd
11"x17" PLOT SCALE 1:1

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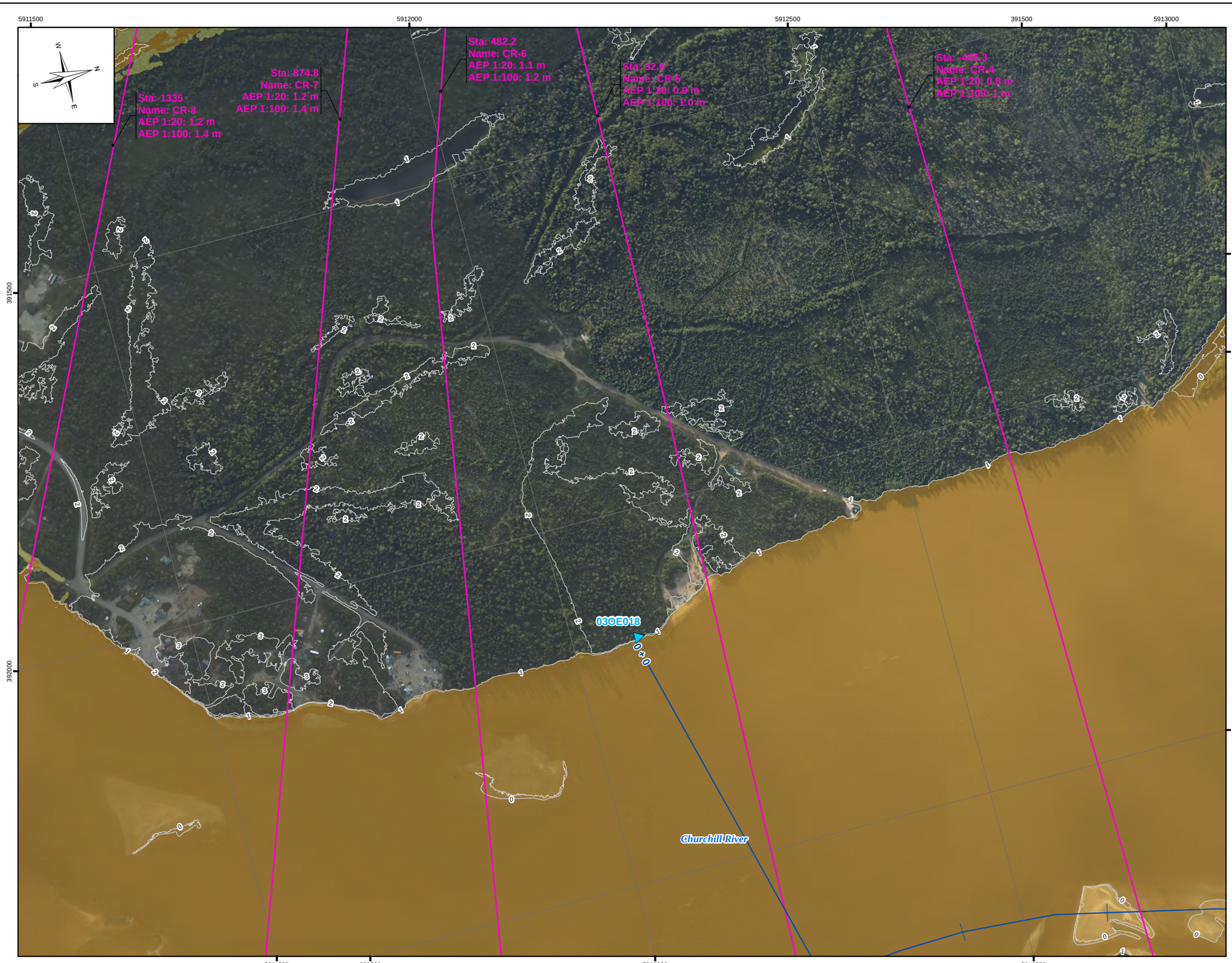

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD)
CR–17

JUNE 2020 | FIGURE 03 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig03_11x17.mxd
11"x17" PLOT SCALE 1:1

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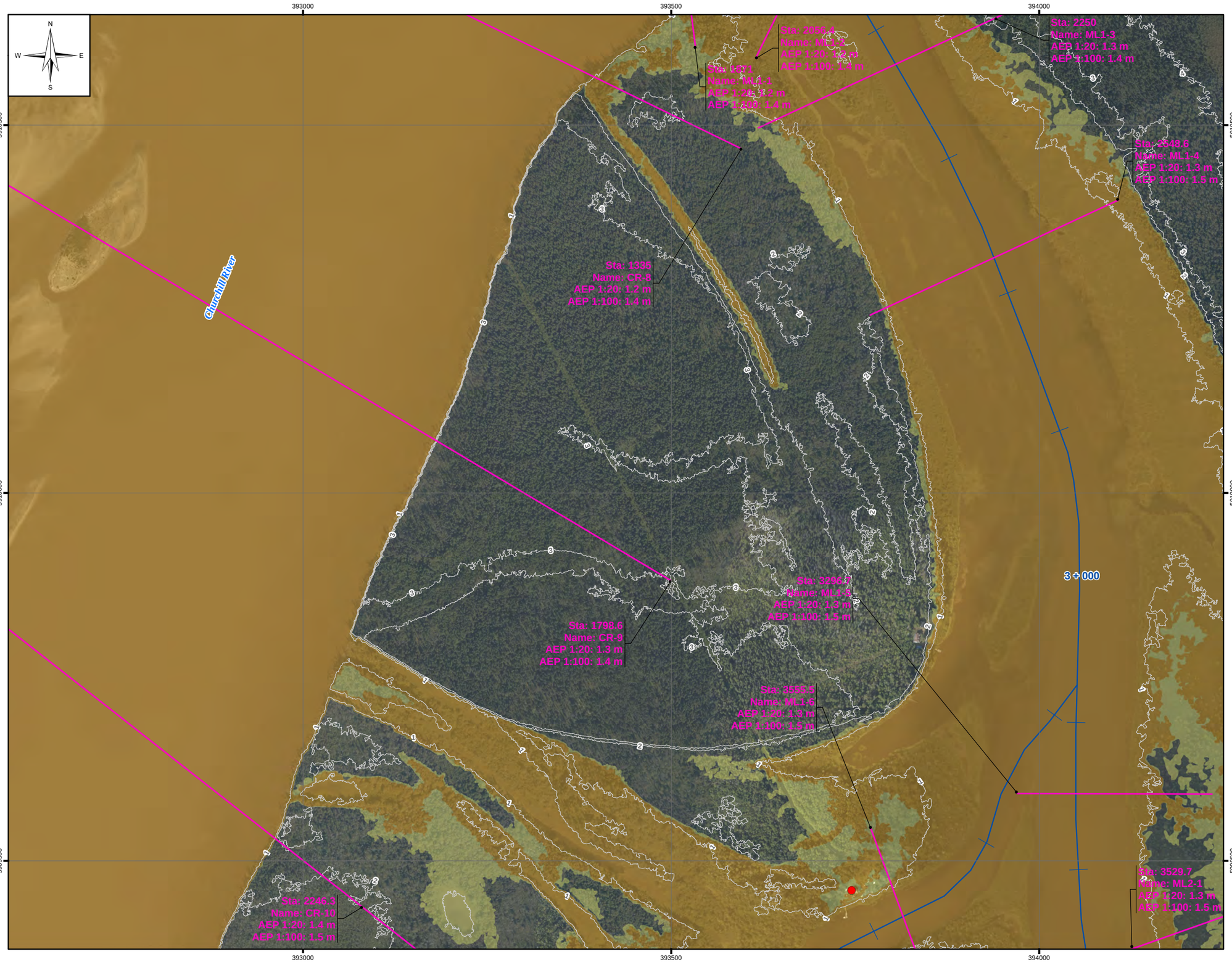

LEGEND:

- Sta: 23648 / Name: CR-53 / AEP 1:20: 4.2 m / AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD)
ML–01

JUNE 2020 | FIGURE 03 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig03_11x17.mxd
11"x17" PLOT SCALE 1:1

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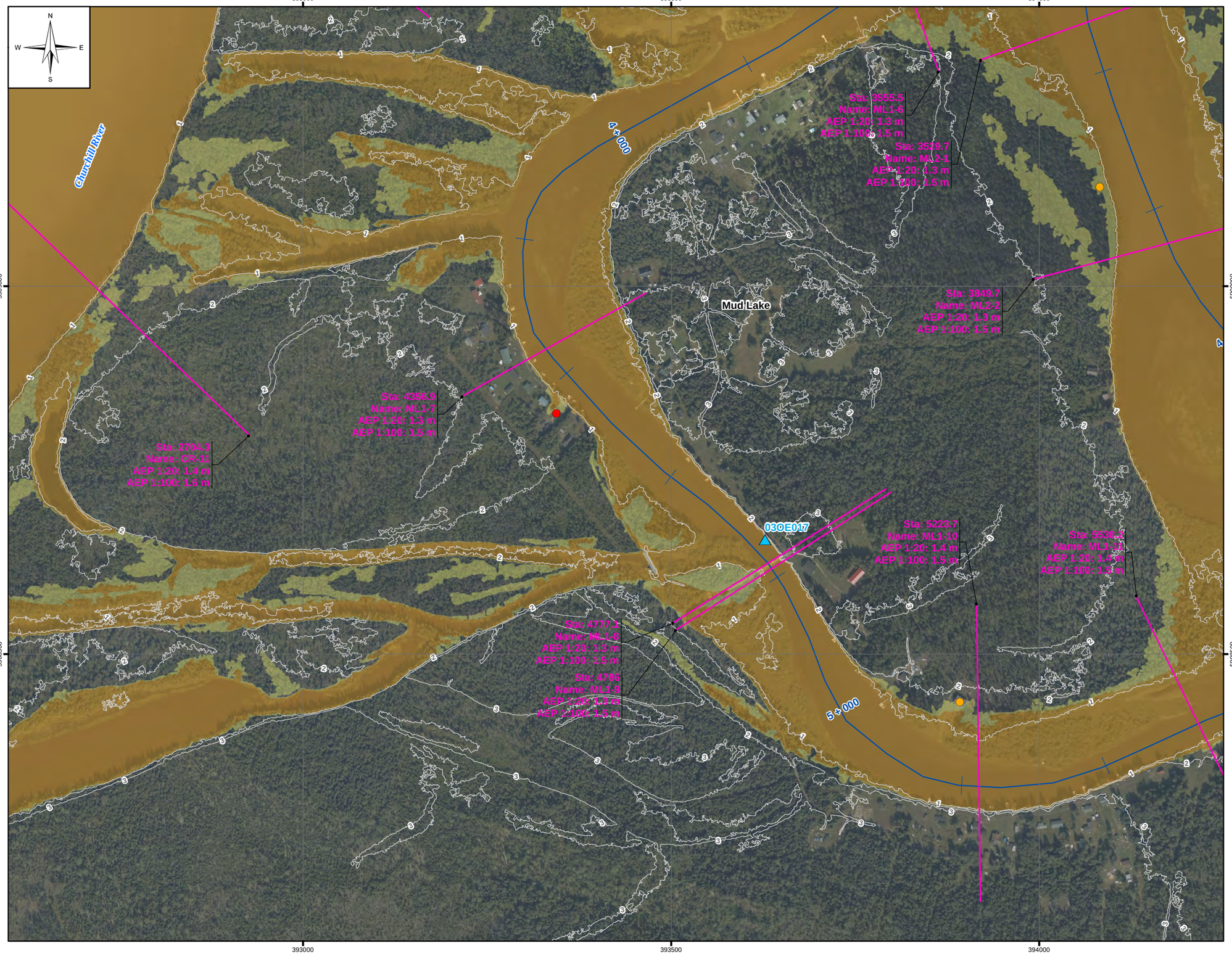

LEGEND:

- Sta: 23648 / Name: CR-53 / AEP 1:20: 4.2 m / AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD) ML–02

JUNE 2020 | FIGURE 03 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig03_11x17.mxd
11"x17" PLOT SCALE 1:1

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LEGEND:

- Cross Section (Sta: 23648, Name: CR-53, AEP 1:20: 4.2 m, AEP 1:100: 4.5 m)
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD)
CR–12

JUNE 2020 | FIGURE 04 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig04_11x17.mxd
11"x17" PLOT SCALE 1:1

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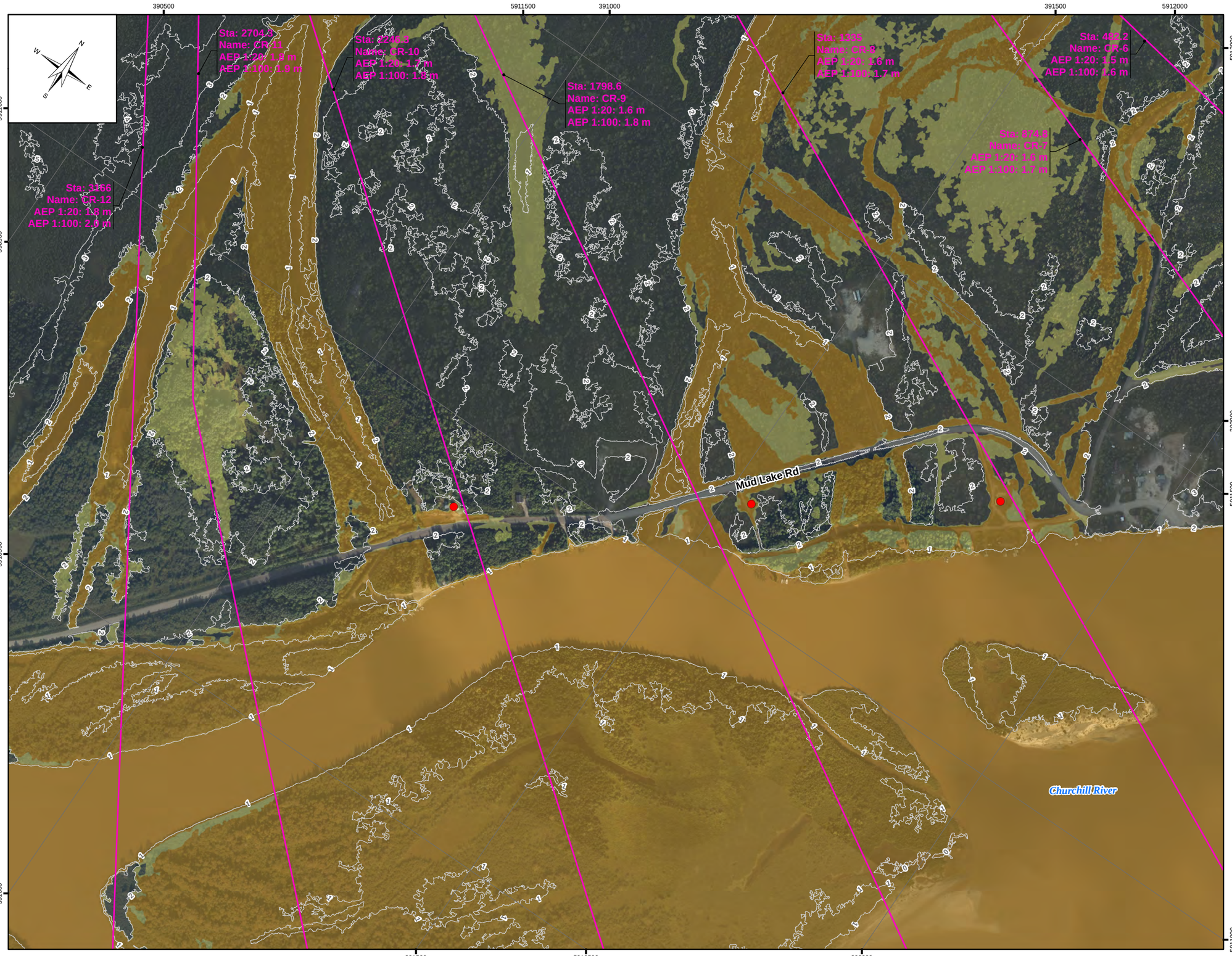

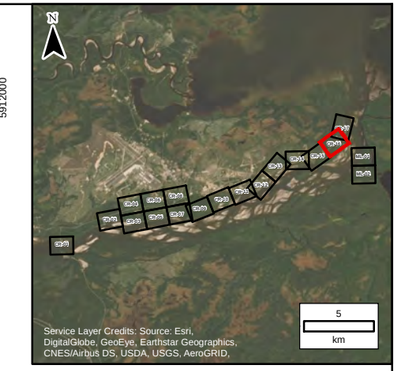

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)

NOTES:

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3. Preliminary building database provided by WRMD on July 25, 2017. Some buildings shown in the aerial imagery are not included in the building database.

50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD)
CR–16

JUNE 2020 | FIGURE 04 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig04_11x17.mxd
11"x17" PLOT SCALE 1:1

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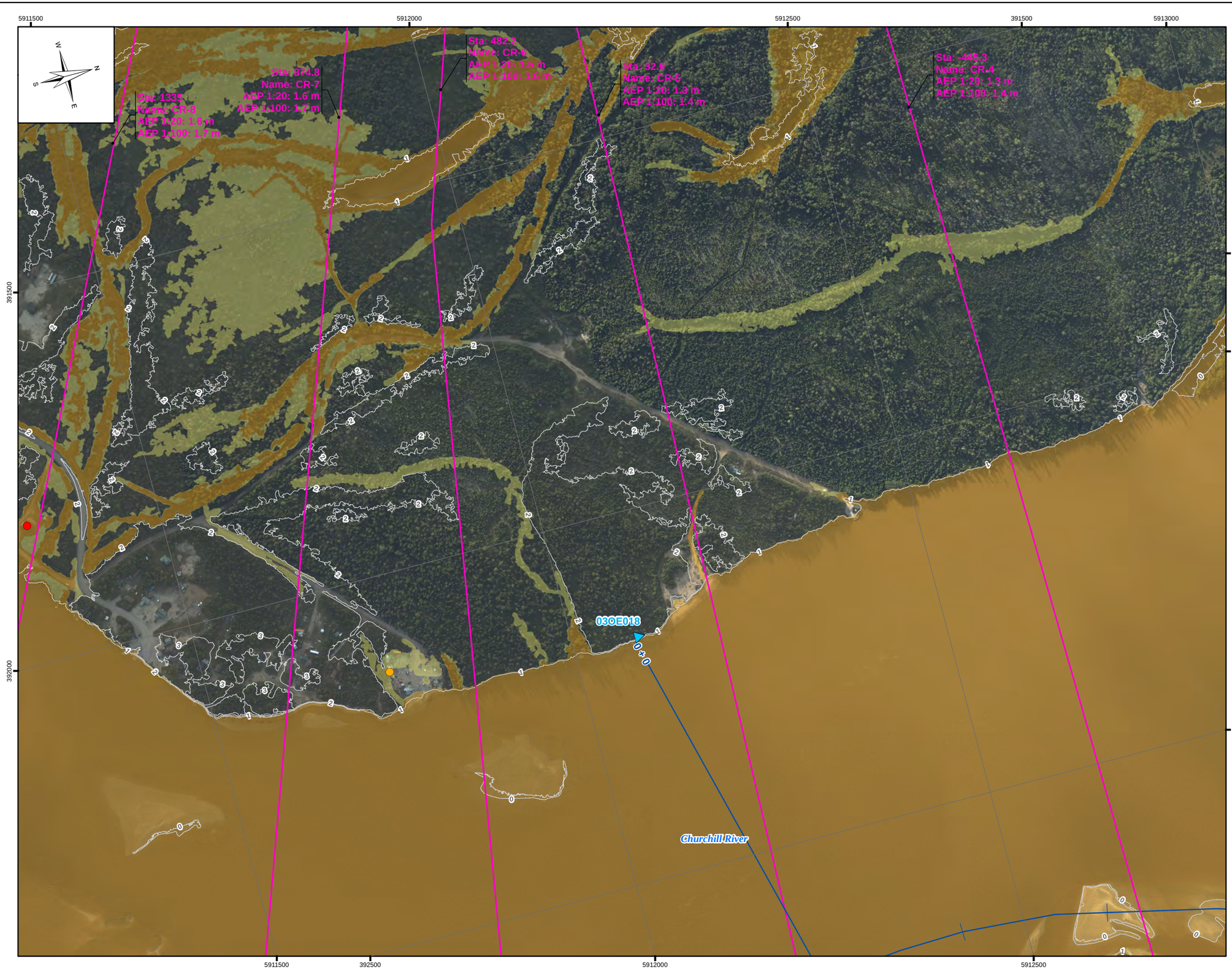

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)

NOTES:

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD)
CR–17

JUNE 2020 | FIGURE 04 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig04_11x17.mxd
11"x17" PLOT SCALE 1:1

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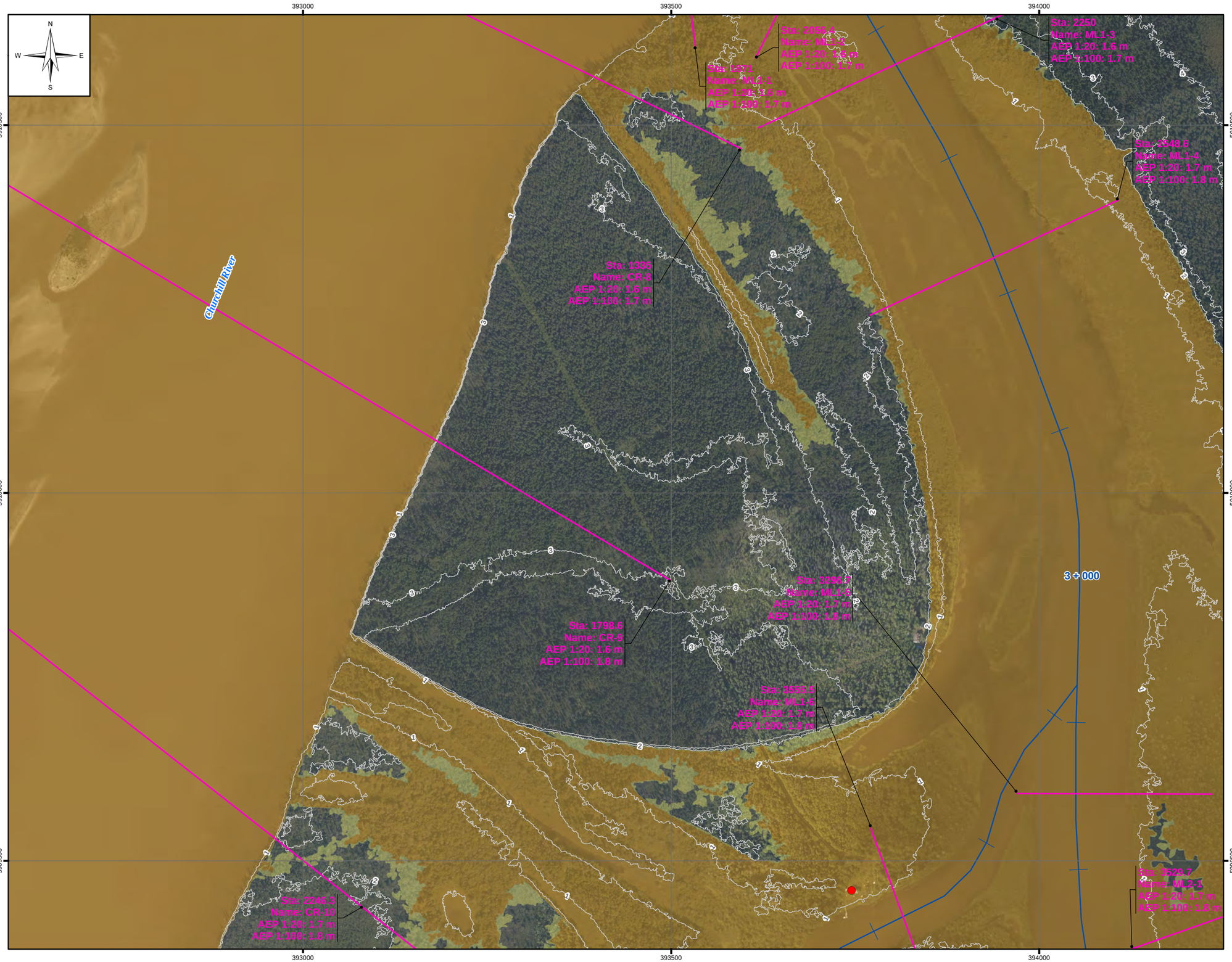

LEGEND:

- Sta: 23648 / Name: CR-53 / AEP 1:20: 4.2 m / AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD)
ML–01

JUNE 2020 | FIGURE 04 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig04_11x17.mxd
11"x17" PLOT SCALE 1:1

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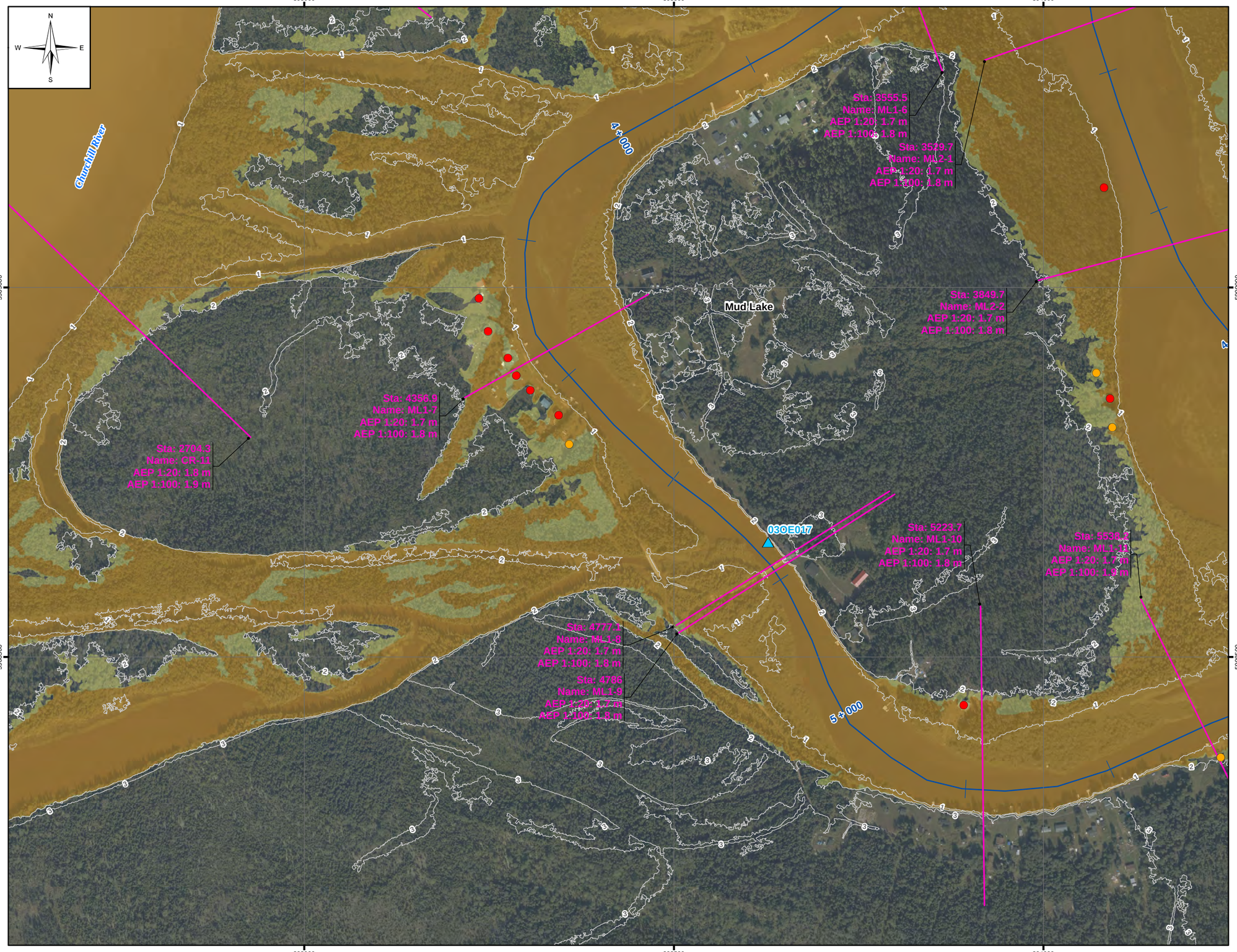

LEGEND:

- Sta: 23648 Name: CR-53 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD)
ML–02

JUNE 2020 | FIGURE 04 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure\18-3217-001_Fig04_11x17.mxd
11"x17" PLOT SCALE 1:1

APPENDIX T

LOCAL CREEKS

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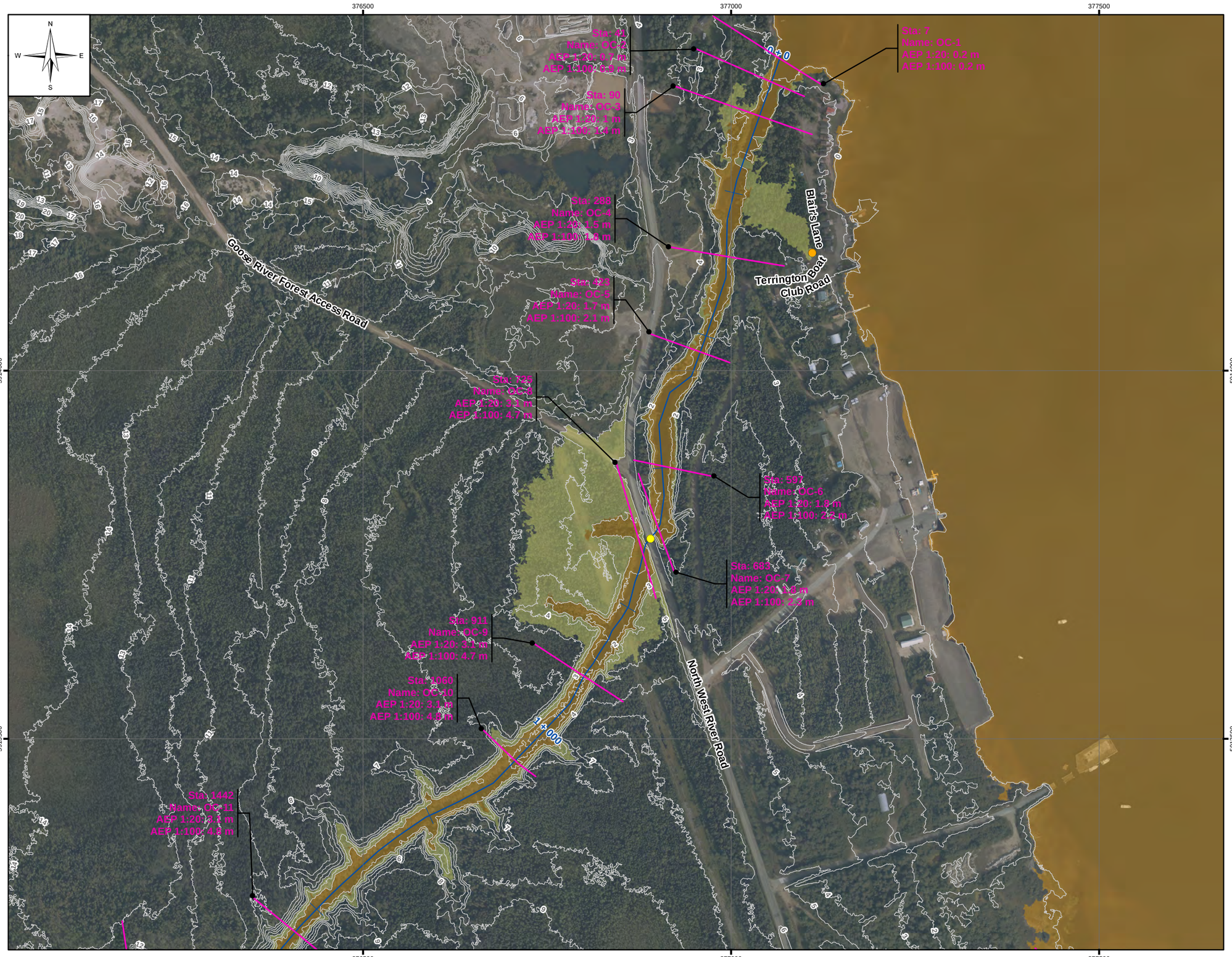

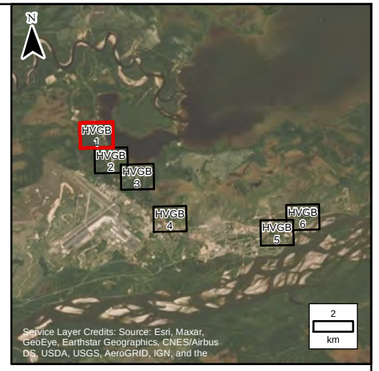

LEGEND:

- Sta: 1252 / Name: LC4 - 15 / AEP 1:20: 12.0 m / AEP 1:100: 12.1 m — Cross Section
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Creek Centreline
- 1m LiDAR Contour
- Limit of Mapping
- Modelled Culverts
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)

NOTES:

1. Imagery is supplied by ATLIS Geomatics and dated as September 11 – 13, 2019.
2. Topography shown was developed by KGS Group from the LiDAR captured by ATLIS Geomatics on September 11 – 13, 2019.
3. Lake Melville shown at 0.22 metres.

50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83). Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD) HVGB–1

JULY 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure_Creeks\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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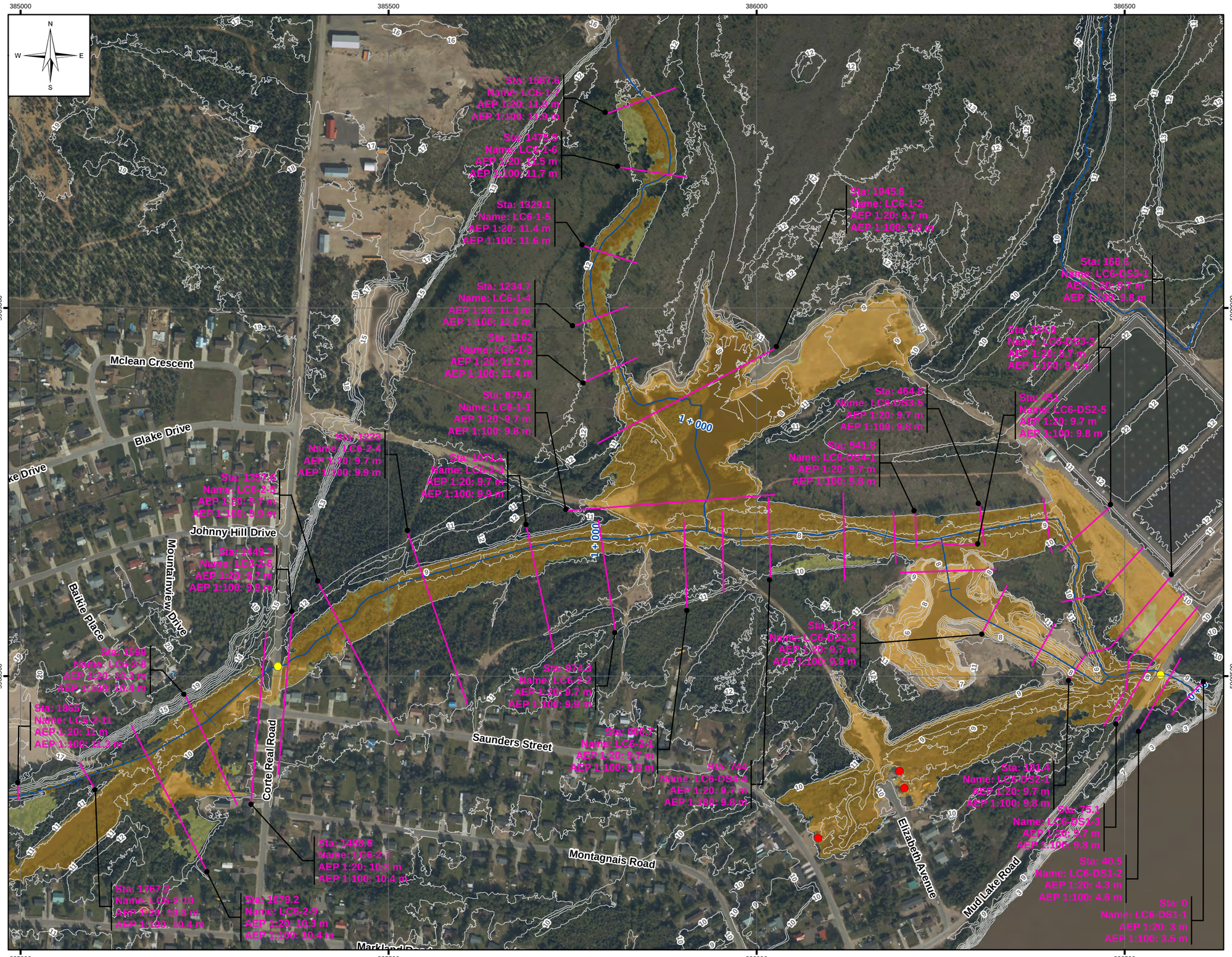

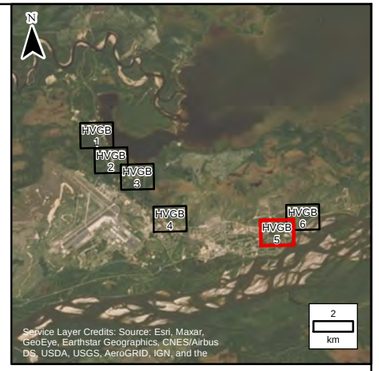

LEGEND:

- Sta: 1252 / Name: LC4 - 15 / AEP 1:20: 12.0 m / AEP 1:100: 12.1 m — Cross Section
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Creek Centreline
- 1m LiDAR Contour
- Limit of Mapping
- Modelled Culverts
- Building Affected By 20 & 100 Year Open Water Flood Zone (Current Climate, Current Development)
- Building Affected By 100 Year Open Water Flood Zone (Current Climate, Current Development)

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50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CC–CD) HVGB–5

JULY 2020 | FIGURE 01 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure_Creeks\18-3217-001_Fig01_11x17.mxd
11"x17" PLOT SCALE 1:1

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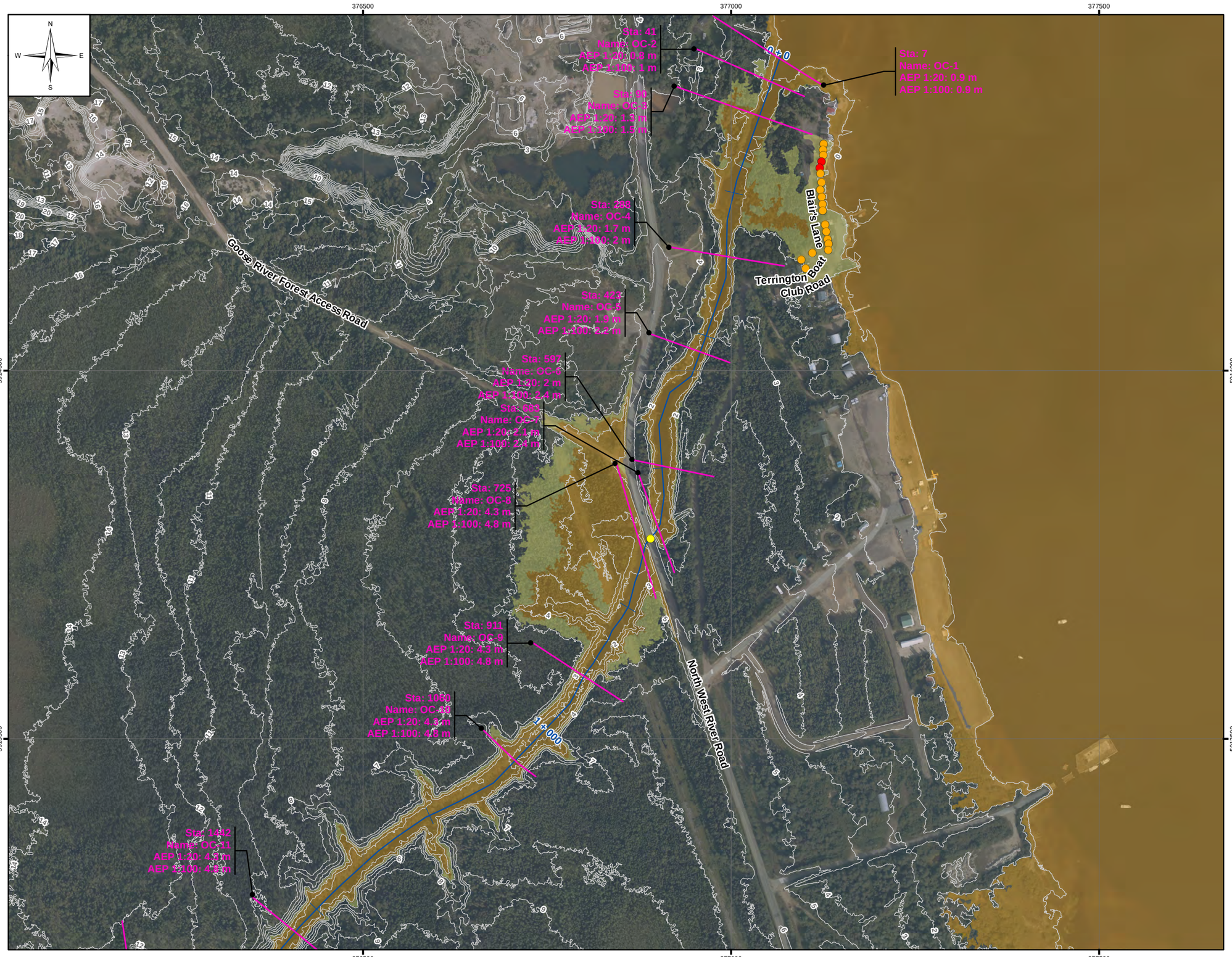

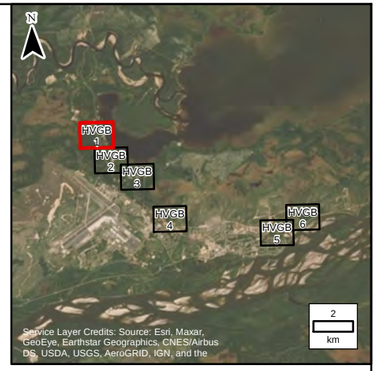

LEGEND:

- Cross Section (Sta: 23648, Name: CR-S3, AEP 1:20: 4.2 m, AEP 1:100: 4.5 m)
- Creek Centreline
- 1m LiDAR Contour
- Limit of Mapping
- Modelled Culverts
- 1:20 Year Open Water Flood Zone
- 1:100 Year Open Water Flood Zone
- Building Affected By 20 & 100 Year Open Water Flood Zone (Climate Change, Current Development)
- Building Affected By 100 Year Open Water Flood Zone (Climate Change, Current Development)

NOTES:

1. Imagery is supplied by ATLIS Geomatics and dated as September 11 – 13, 2019.
2. Topography shown was developed by KGS Group from the LiDAR captured by ATLIS Geomatics on September 11 – 13, 2019.
3. Lake Melville shown at 0.92 metres.

50 0 50 100 150 200
Metres

SCALE: 1:5,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified. Horzontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
0	20/07/13	ISSUED AS FINAL	DSB	MSW

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Newfoundland Labrador

CHURCHILL RIVER FLOOD RISK AND FORECASTING

BUILDINGS IMPACTED BY OPEN WATER FLOOD ZONE (CLC–CD) HVGB–1

JUNE 2020 | FIGURE 02 | REV: 0

FileName: P:\Projects\2018\18-3217-001\Dwg\GIS\MXD\Flooded_Infrastructure_Creeks\18-3217-001_Fig02_11x17.mxd
11"x17" PLOT SCALE 1:1

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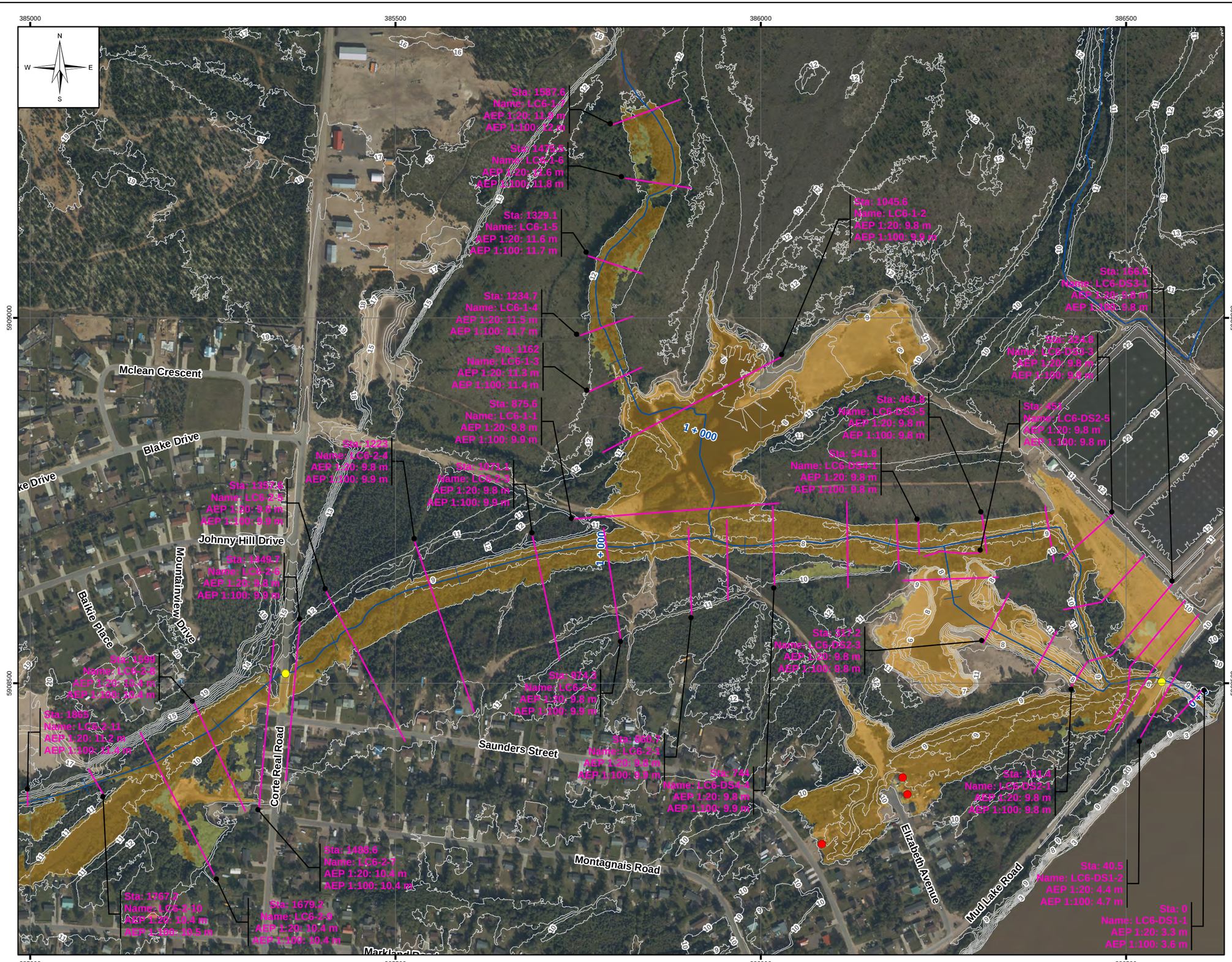

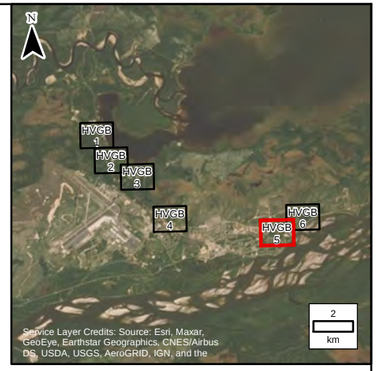

LEGEND:

- Sta: 23648 Name: CR-S3 AEP 1:20: 4.2 m AEP 1:100: 4.5 m — Cross Section
- Creek Centreline
- 1m LiDAR Contour
- Limit of Mapping
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JUNE 2020 | FIGURE 02 | REV: 0

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