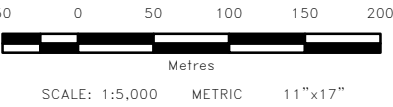




LEGEND:

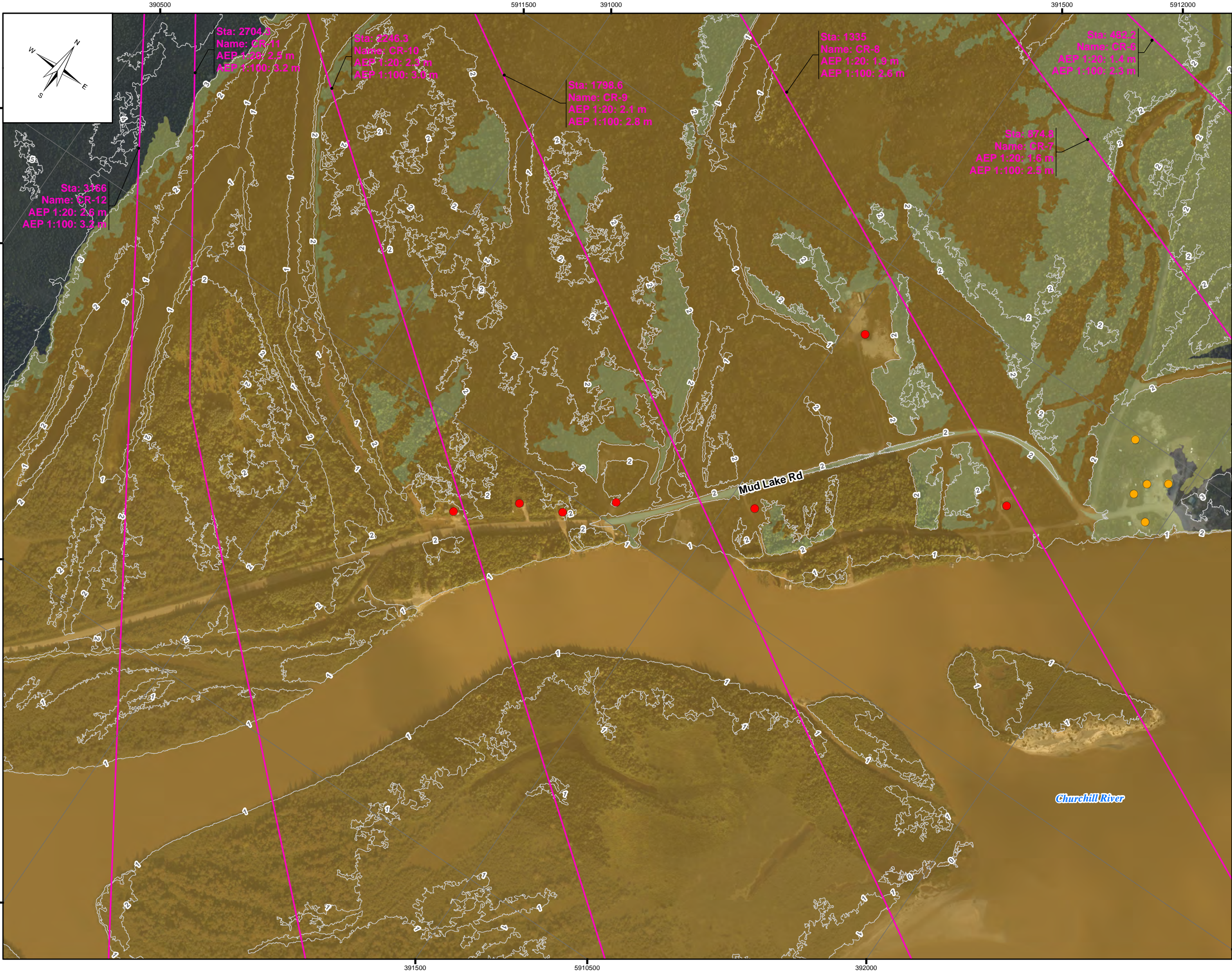
- Cross Section
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

- NOTES:**
1. Imagery is supplied by ATLAS Geomatics and dated as September 11 – 13, 2019.
 2. Topography shown was developed by KGS Group from the LiDAR captured by ATLAS 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.



All units are metric and in metres unless otherwise specified.
Horizontal 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).

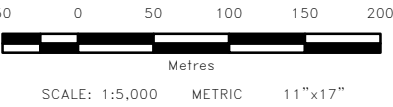
0 20/06/30		ISSUED AS FINAL		DSB	MSW
NO.	YY/MM/DD	DESCRIPTION		ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CHURCHILL RIVER FLOOD RISK AND FORECASTING					
BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC-CD) CR-12					
JUNE 2020		FIGURE 01		REV:	0





LEGEND:

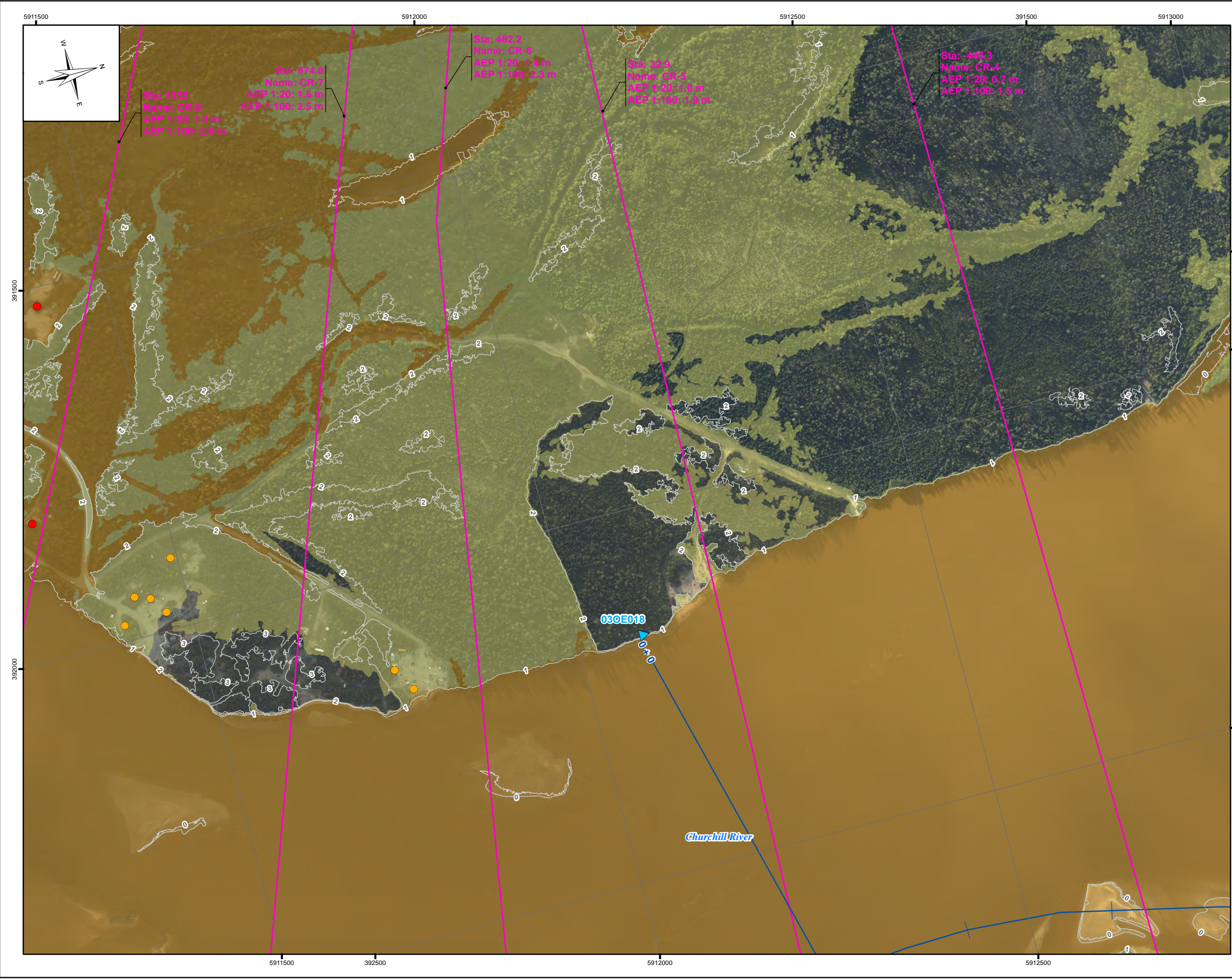
- Sta: 236.48
Name: CR-63
AEP 1:20: 4.2 m
AEP 1:100: 4.5 m
- Water Survey of Canada Gauge Location
- River Centreline
- 1m LiDAR Contour
- 1:20 Year Ice Affected Flood Zone
- 1:100 Year Ice Affected Flood Zone
- Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
- Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

- NOTES:**
1. Imagery is supplied by ATLAS Geomatics and dated as September 11 – 13, 2019.
 2. Topography shown was developed by KGS Group from the LiDAR captured by ATLAS 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.



All units are metric and in metres unless otherwise specified.
Horizontal 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).

20/06/30		ISSUED AS FINAL	DSB	MSW
NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CHURCHILL RIVER FLOOD RISK AND FORECASTING				
BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC-CD)				
CR-16				
JUNE 2020		FIGURE 01		REV: 0



LEGEND:

- Sta: 236.48
Name: CR-63
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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- Preliminary building database provided by WRMD on July 25, 2017. Some buildings shown in the aerial imagery are not included in the building database.



SCALE: 1:5,000 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 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

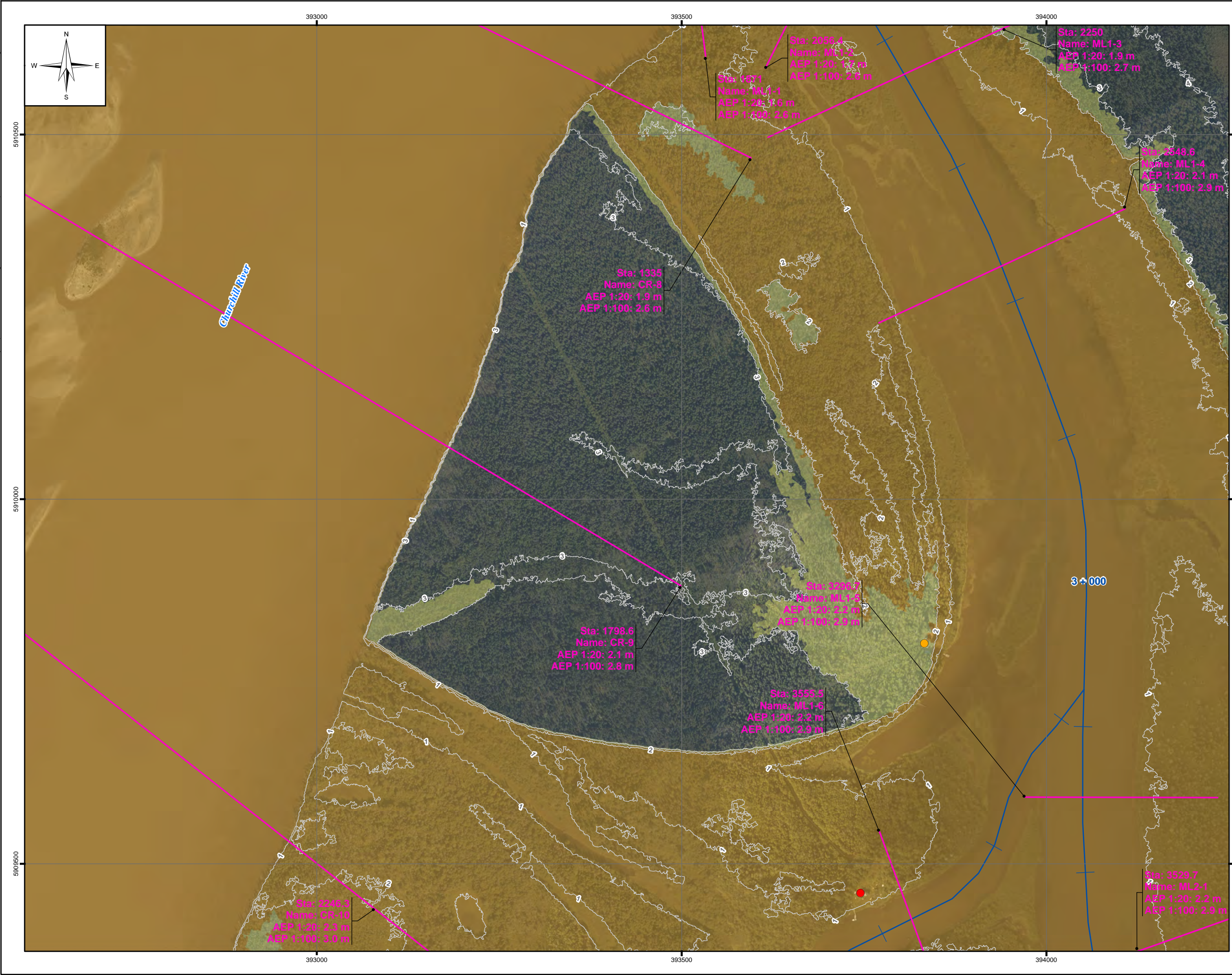
0	20/06/30	ISSUED AS FINAL	DSB	MSW
NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				



CHURCHILL RIVER FLOOD RISK AND FORECASTING

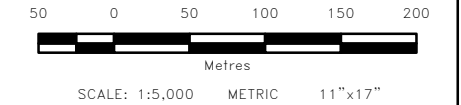
BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC-CD)
CR-17

JUNE 2020	FIGURE 01	REV: 0
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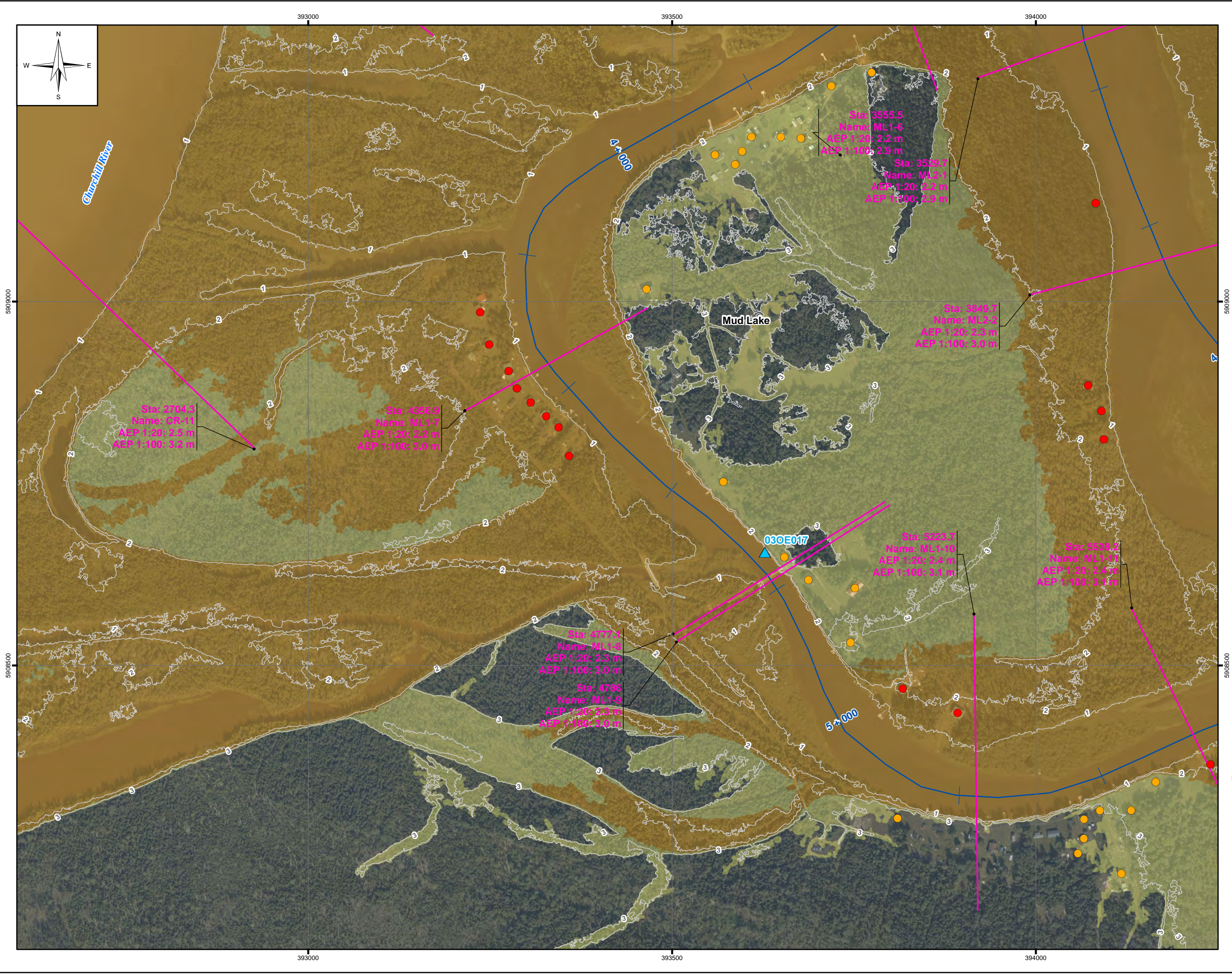
- LEGEND:**
- Cross Section
 - Water Survey of Canada Gauge Location
 - River Centreline
 - 1m LiDAR Contour
 - 1:20 Year Ice Affected Flood Zone
 - 1:100 Year Ice Affected Flood Zone
 - Building Affected By 100 Year Ice Affected Flood Zone (Current Climate, Current Development)
 - Building Affected By 20 & 100 Year Ice Affected Flood Zone (Current Climate, Current Development)

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



All units are metric and in metres unless otherwise specified.
Horizontal 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).

Q	20/06/30	ISSUED AS FINAL		DSB	MSW
NO.	YY/MM/DD	DESCRIPTION		ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CHURCHILL RIVER FLOOD RISK AND FORECASTING					
BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC-CD)					
ML-01					
JUNE 2020		FIGURE 01		REV:	0



LEGEND:

- Sta: 23648
Name: CR-63
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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- Topography shown was developed by KGS Group from the LiDAR captured by ATLAS Geomatics on September 11 – 13, 2019.
- Preliminary building database provided by WRMD on July 25, 2017. Some buildings shown in the aerial imagery are not included in the building database.



SCALE: 1:5,000 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 4. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0 20/06/30		ISSUED AS FINAL		DSB	MSW
NO.	YY/MM/DD	DESCRIPTION		ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CHURCHILL RIVER FLOOD RISK AND FORECASTING					
BUILDINGS IMPACTED BY ICE AFFECTED FLOOD ZONE (CC-CD)					
ML-02					
JUNE 2020		FIGURE 01		REV: 0	