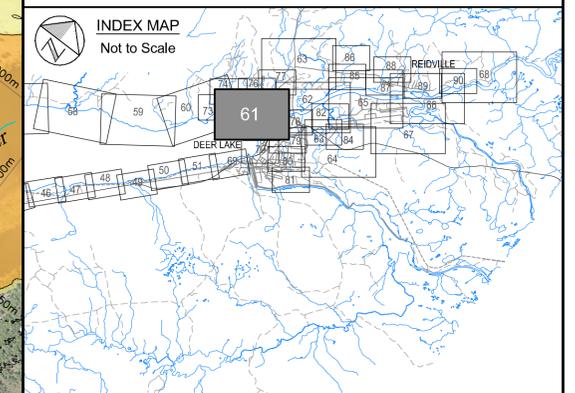


**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Humber River,
Nichols Brook, Deer Lake Watercourses



Cross Section Label

1:100 AEP Flood Water Level (elevation in metres) 172.33
1:20 AEP Flood Water Level (elevation in metres) 171.24

1050.00
171.24

1:20 AEP Flood Zone
1:100 AEP Flood Zone

Hydraulic Crossings

- Bridge Location Identification
- Culvert Location Identification

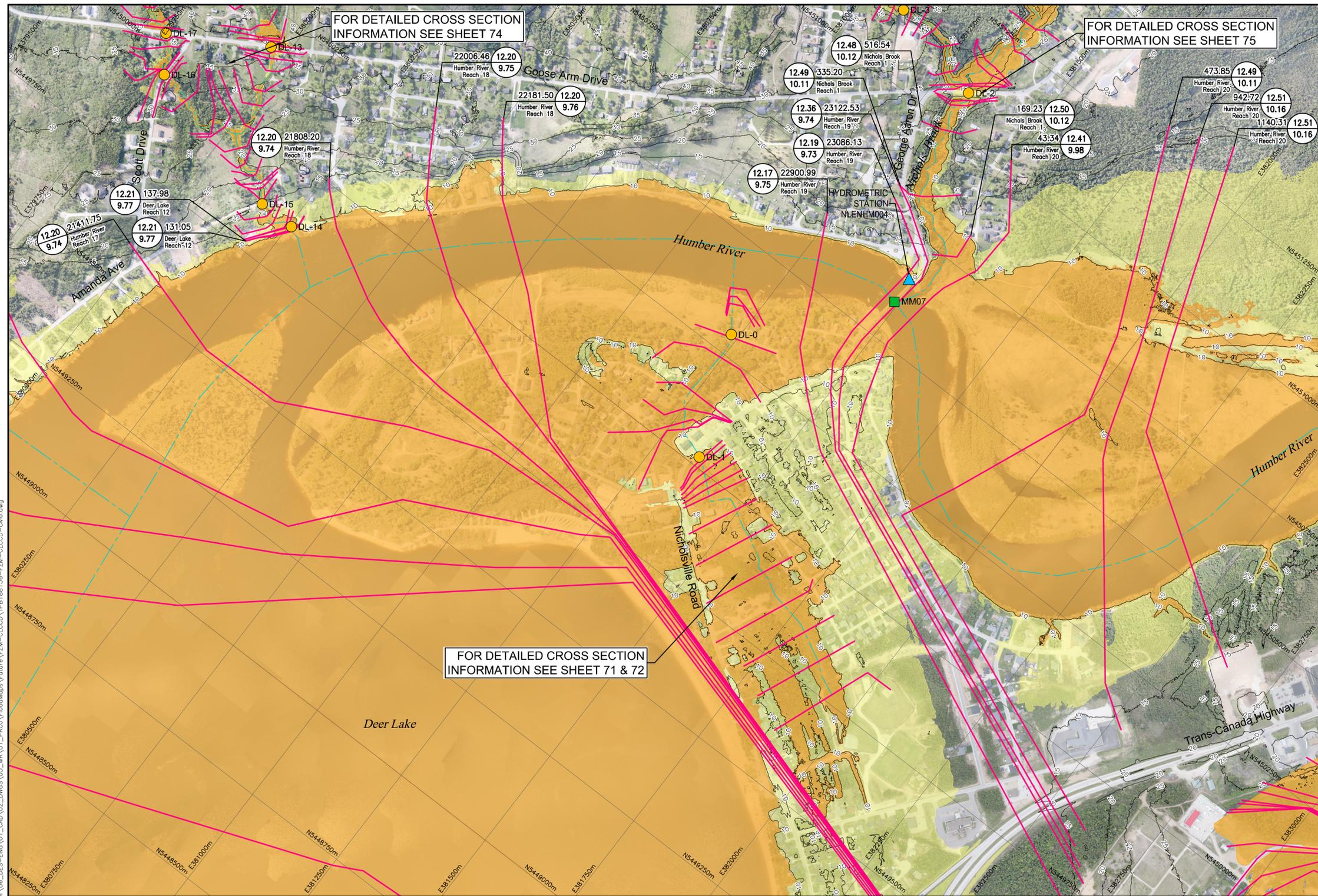


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS

No.	Description	BY	DATE

Sheet 61 of 90



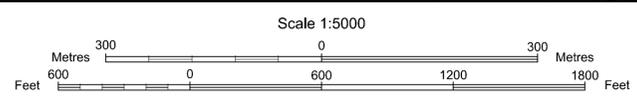
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 74

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 75

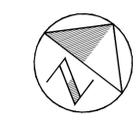
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 71 & 72

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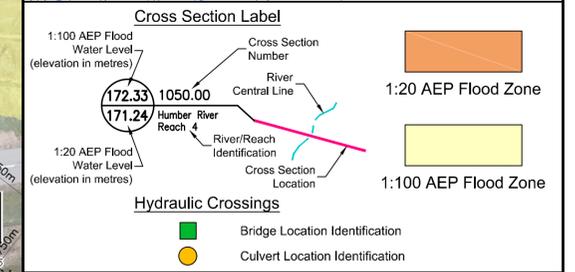
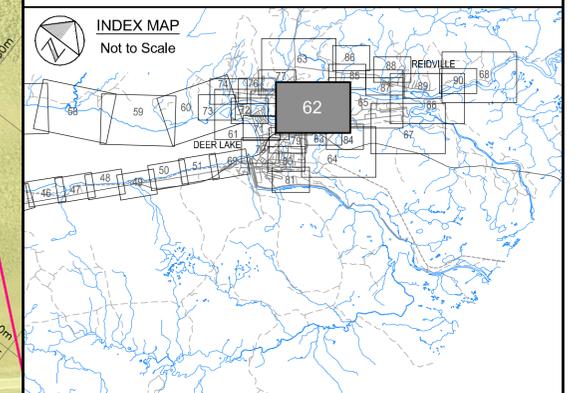
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CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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**Climate Change
Flood Risk Map Study
Humber River Communities**

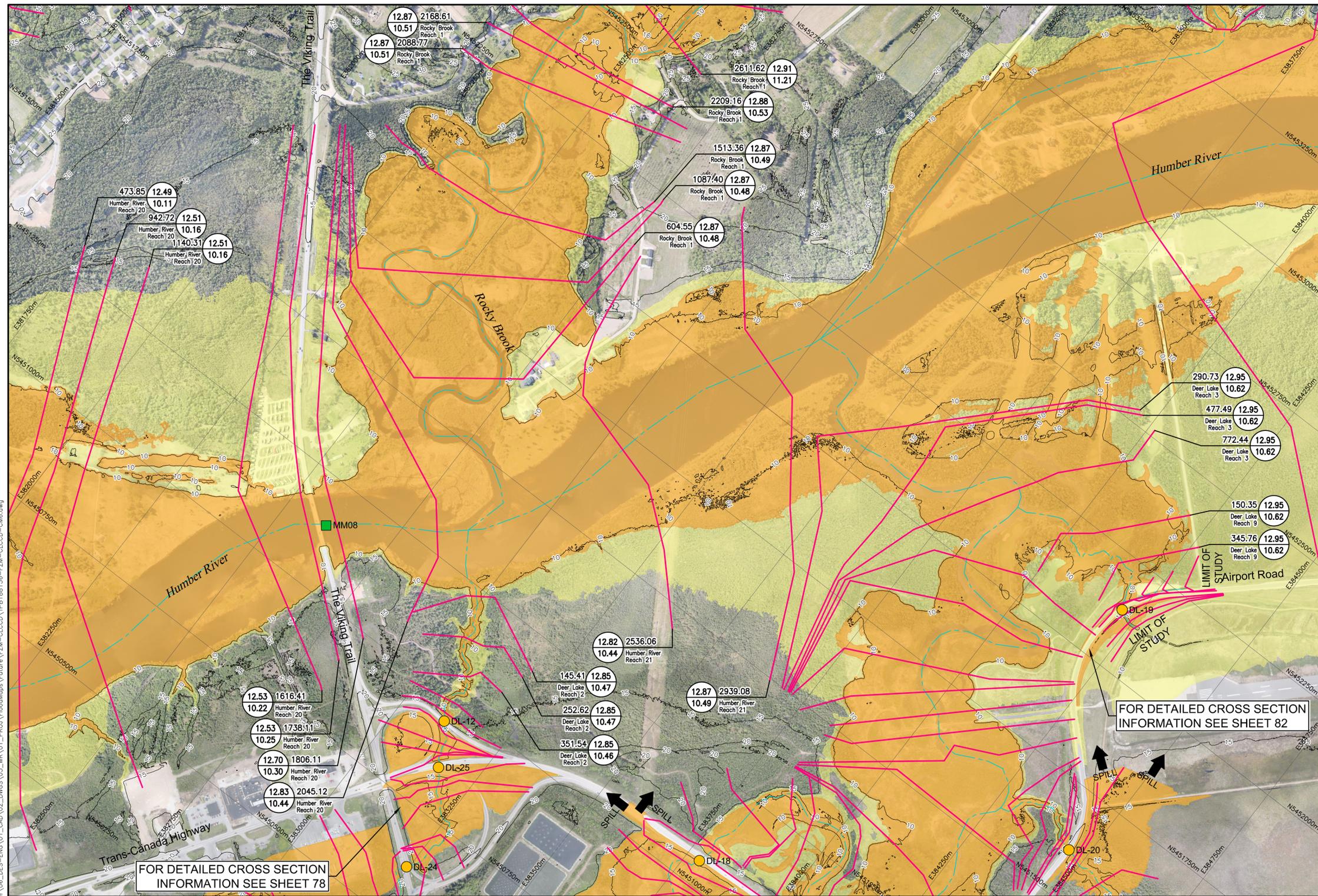
Flood Extent Map
Climate Change and
Current Development Condition
Humber River,
Rocky Brook, Deer Lake Watercourses



wood.

Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS			
No.	Description	BY	DATE

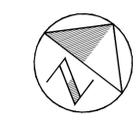
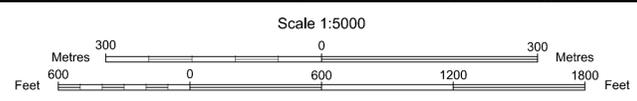


FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 82

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 78

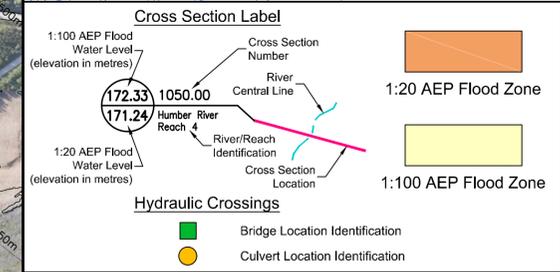
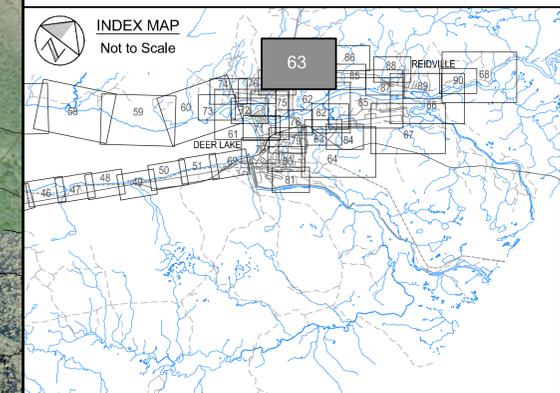
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**Climate Change
Flood Risk Map Study
Humber River Communities**

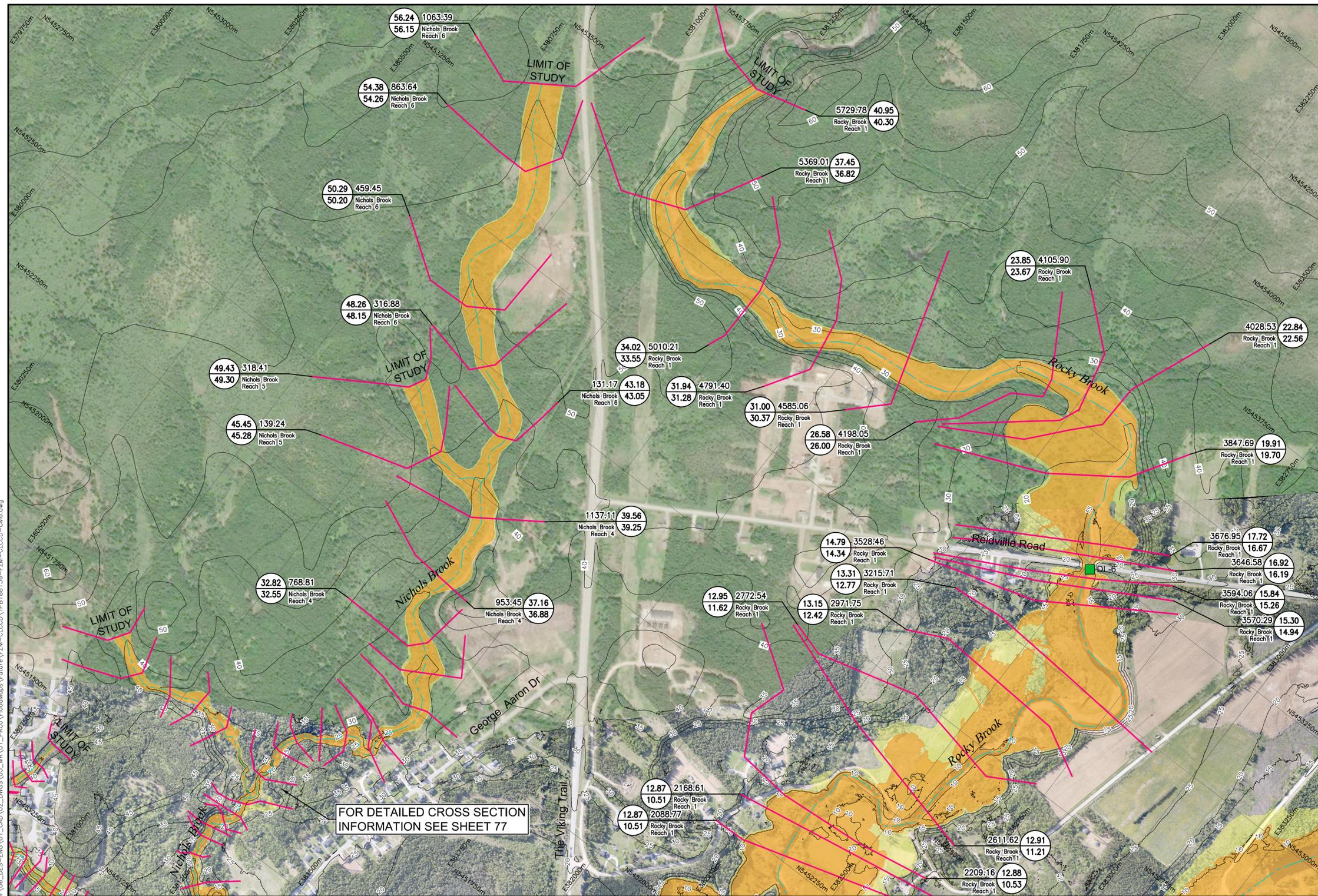
**Flood Extent Map
Climate Change and
Current Development Condition
Nichols Brook
Rocky Brook**



Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS

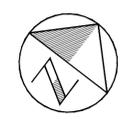
No.	Description	BY	DATE



FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 77

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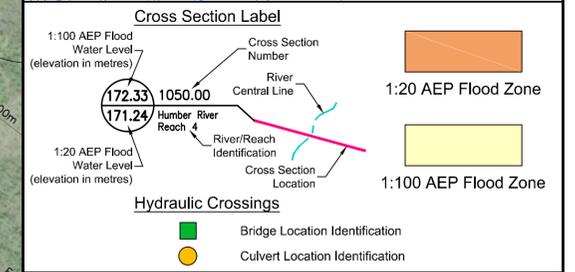
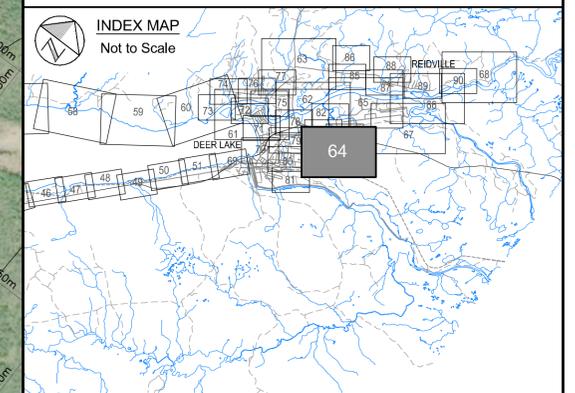
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Deer Lake Watercourses



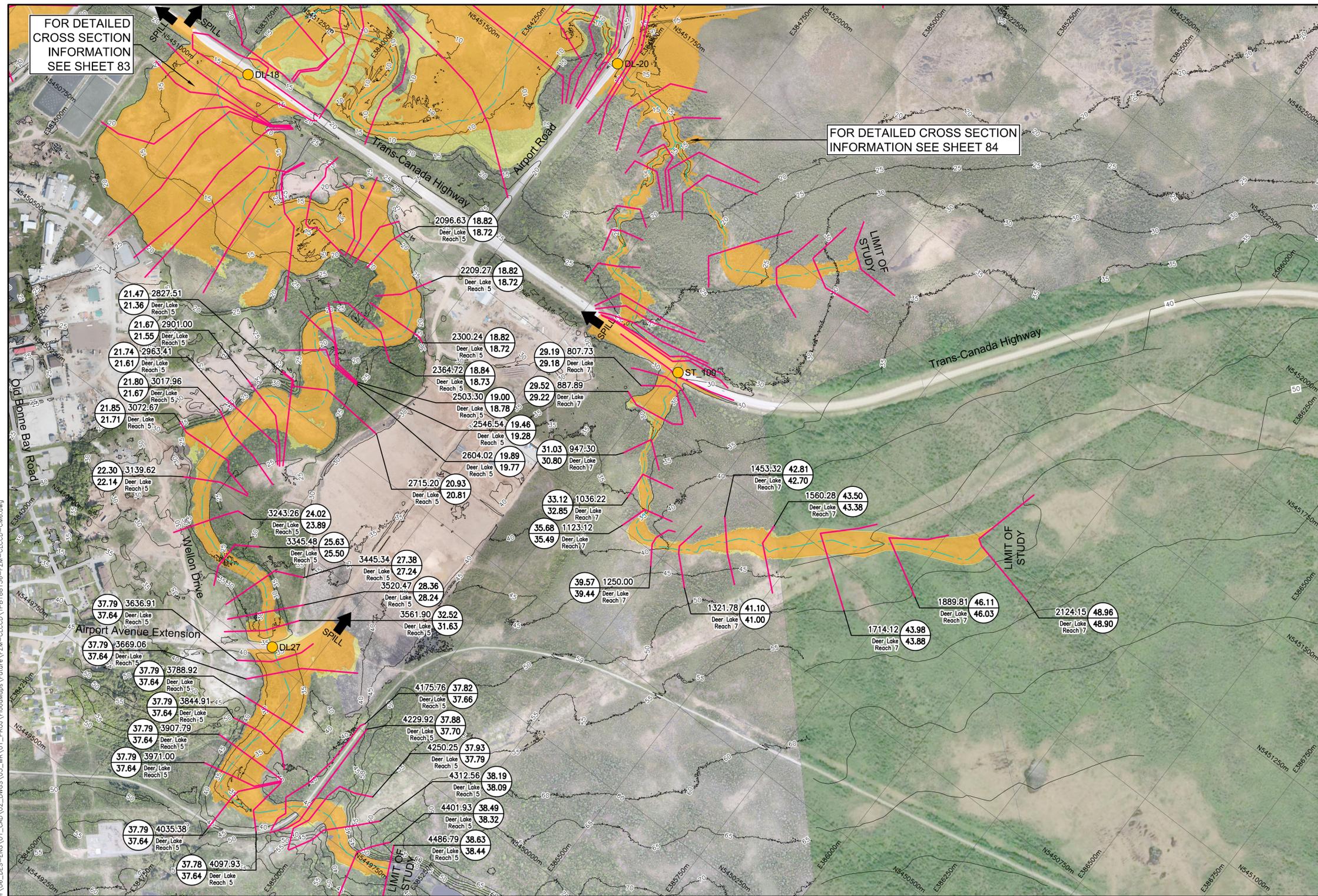
wood.

Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS

No.	Description	BY	DATE

Sheet 64 of 90

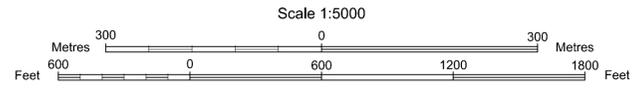


FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 83

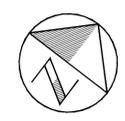
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 84

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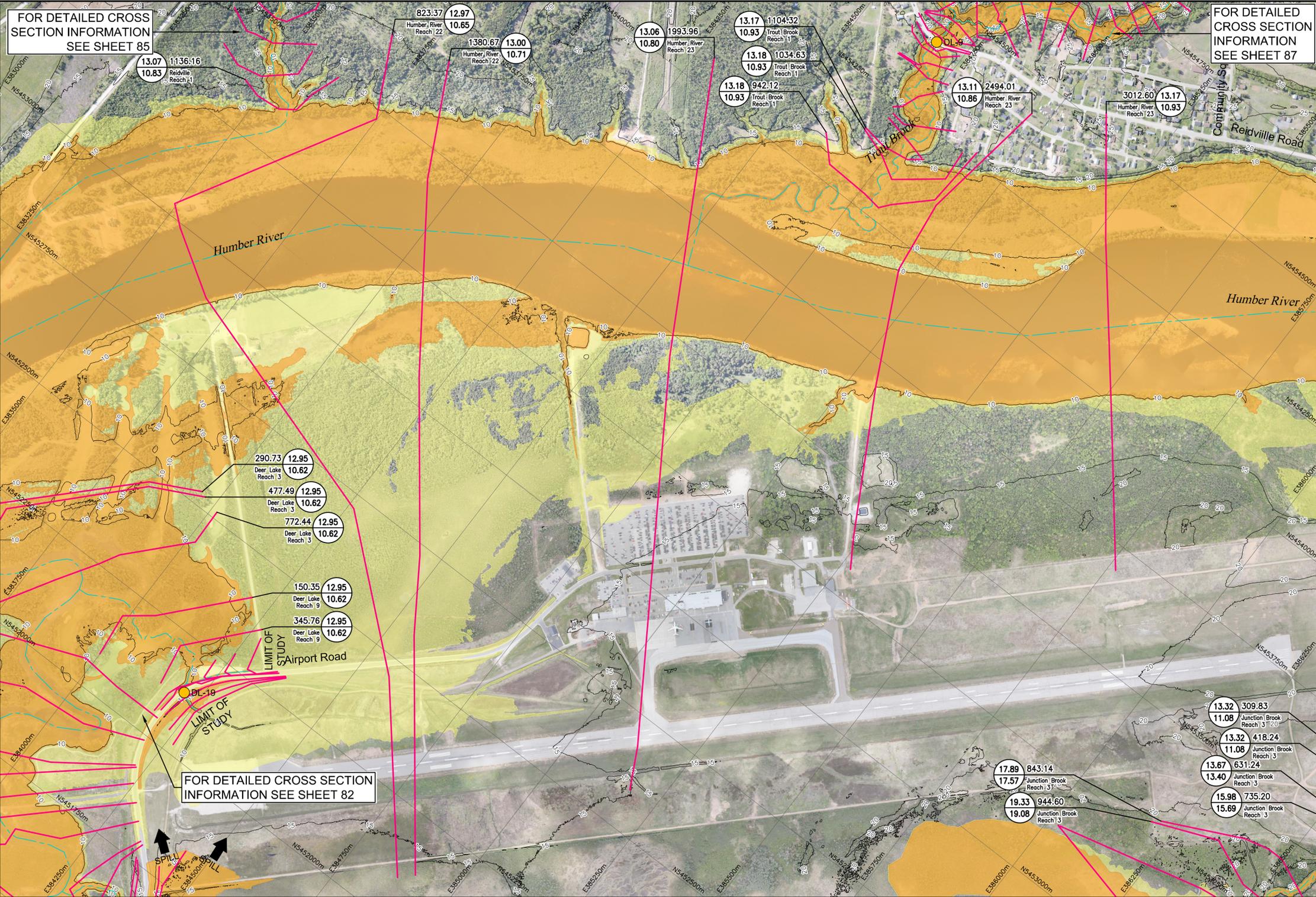
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CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)

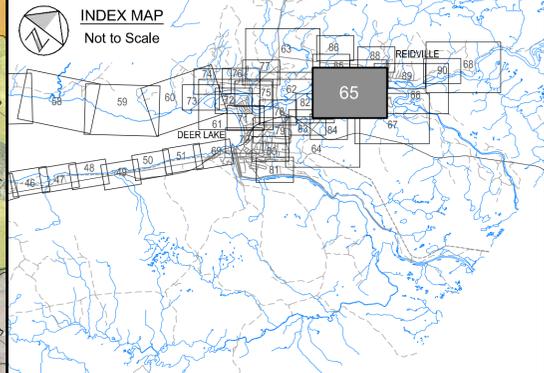


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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Humber River, Trout Brook,
Deer Lake and Reidville Watercourses



Cross Section Label

1:100 AEP Flood Water Level (elevation in metres)
1:20 AEP Flood Water Level (elevation in metres)

172.33 1050.00
171.24

1:20 AEP Flood Water Level (elevation in metres)

Hydraulic Crossings

Bridge Location Identification
Culvert Location Identification

1:20 AEP Flood Zone
1:100 AEP Flood Zone



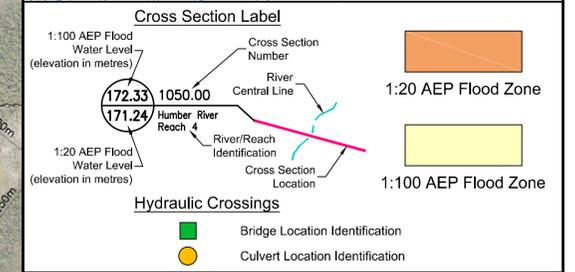
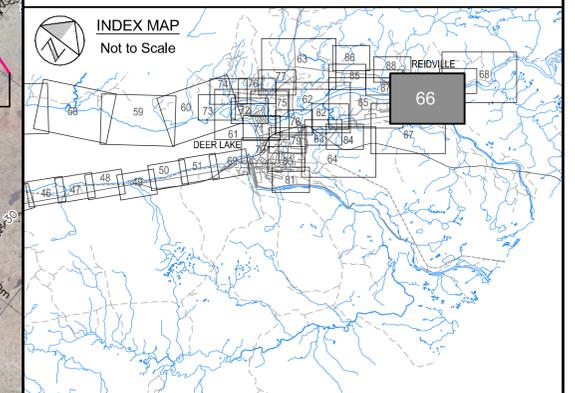
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REVISIONS

No.	Description	BY	DATE

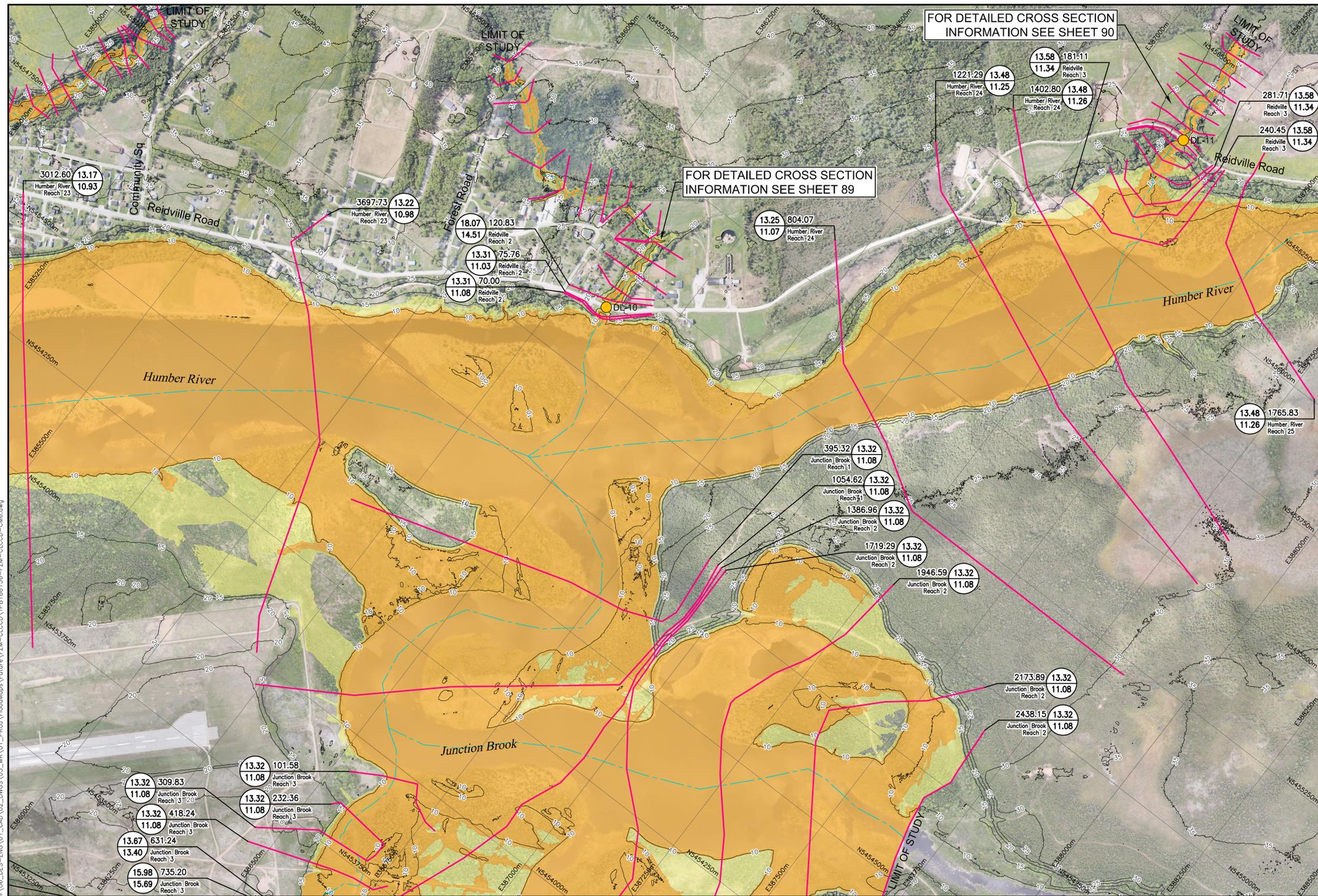
**Climate Change
Flood Risk Map Study
Humber River Communities**

**Flood Extent Map
Climate Change and
Current Development Condition
Humber River,
Junction Brook, Reidville Watercourses**



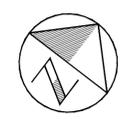
Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

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No.	Description	BY	DATE



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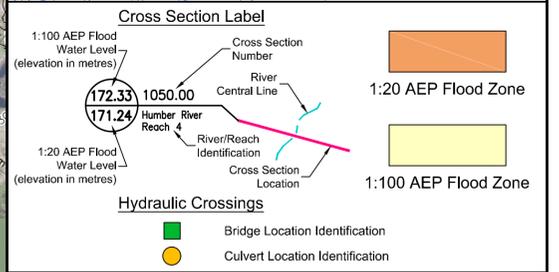
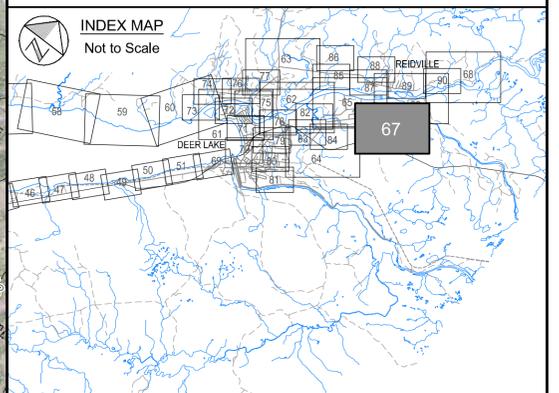


Sheet 66 of 90

**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition

Junction Brook

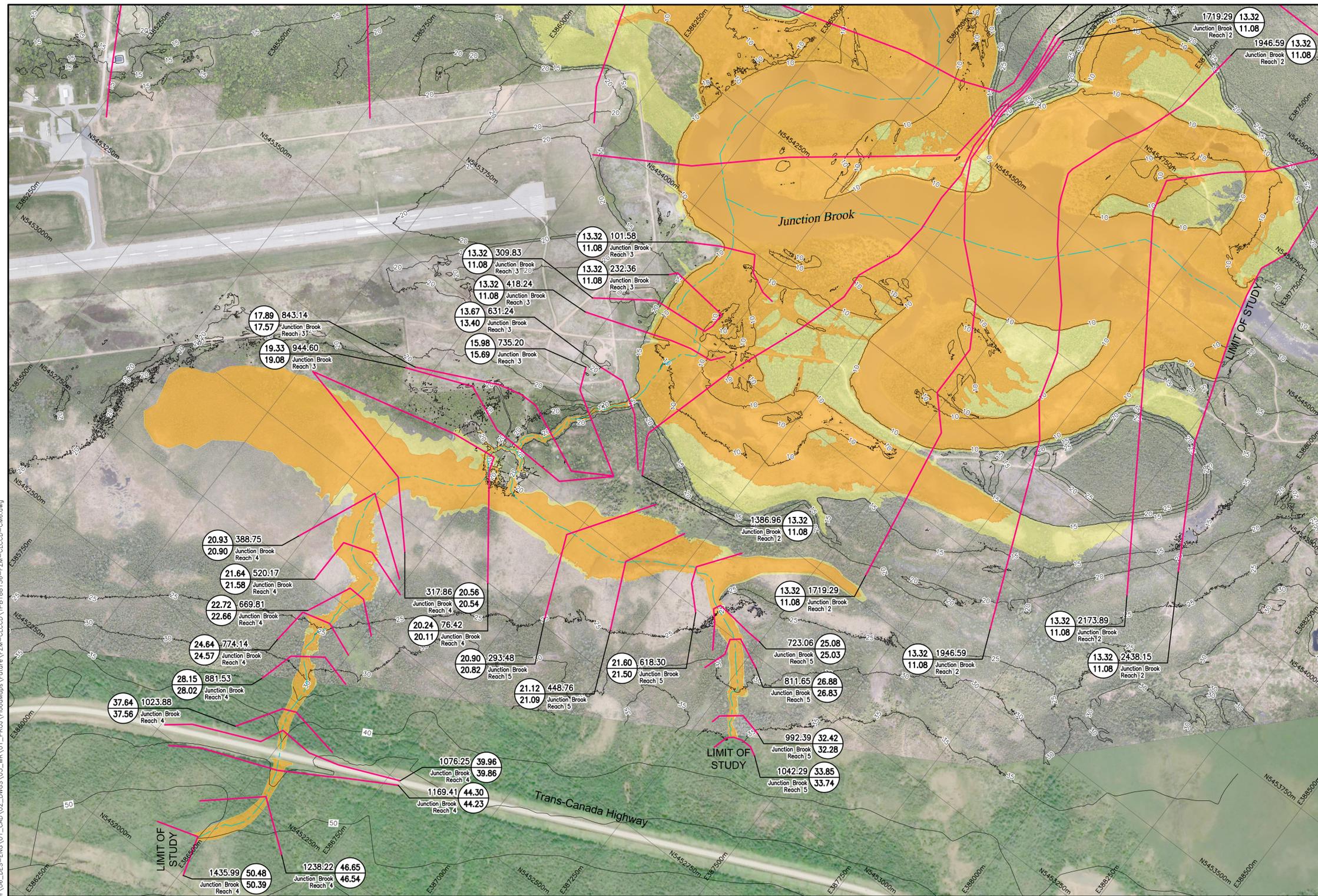


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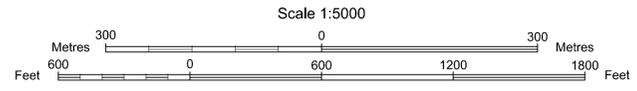
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Sheet 67 of 90

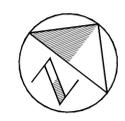


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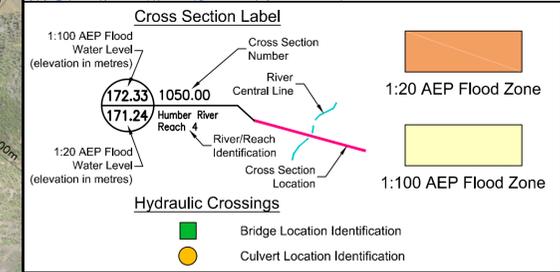
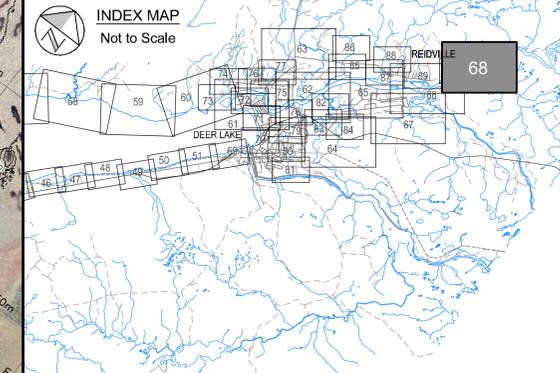
AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 2019
CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
**Humber River
Reidville Watercourses**

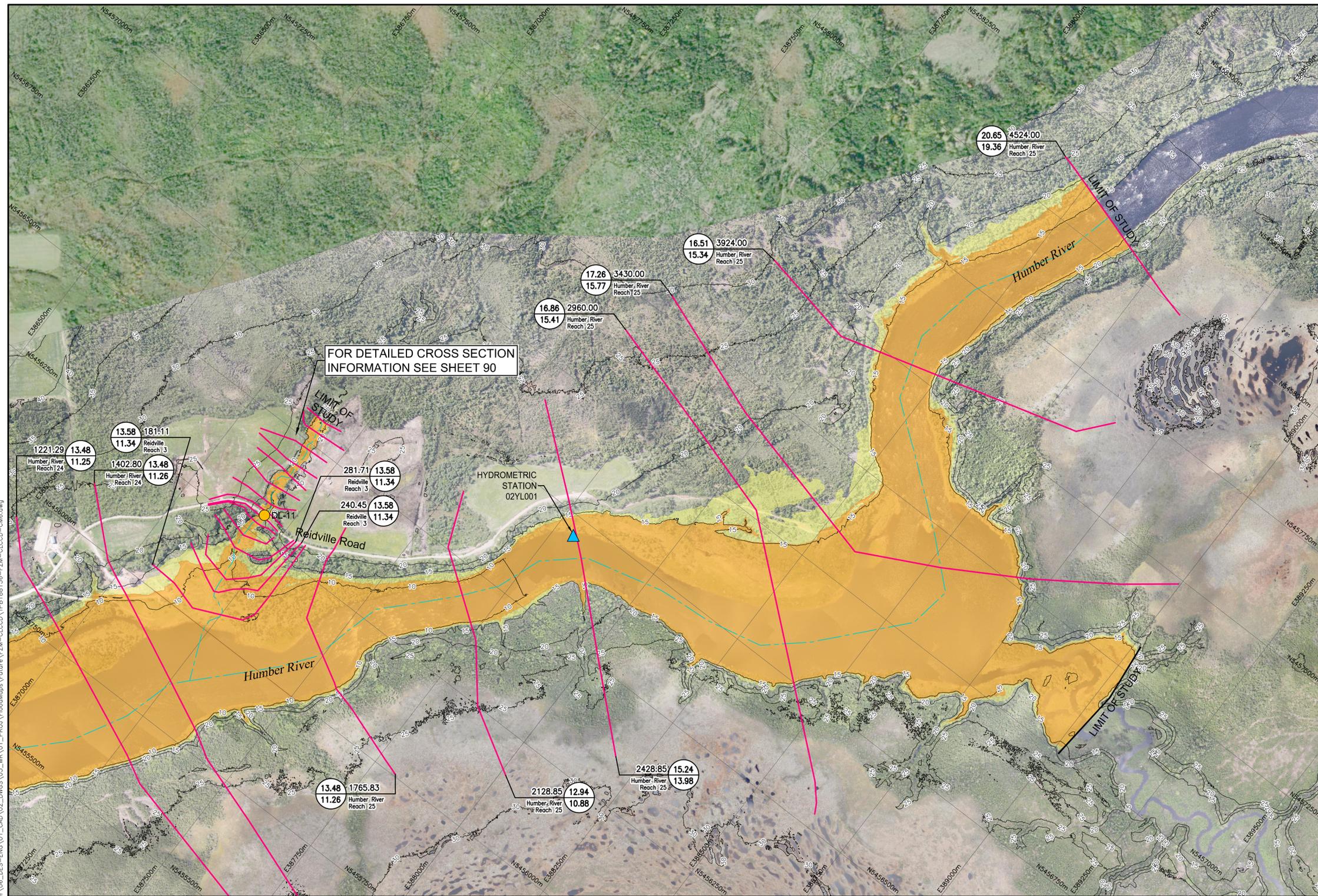


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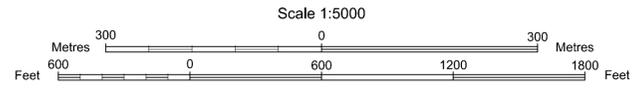
No.	Description	BY	DATE

Sheet 68 of 90

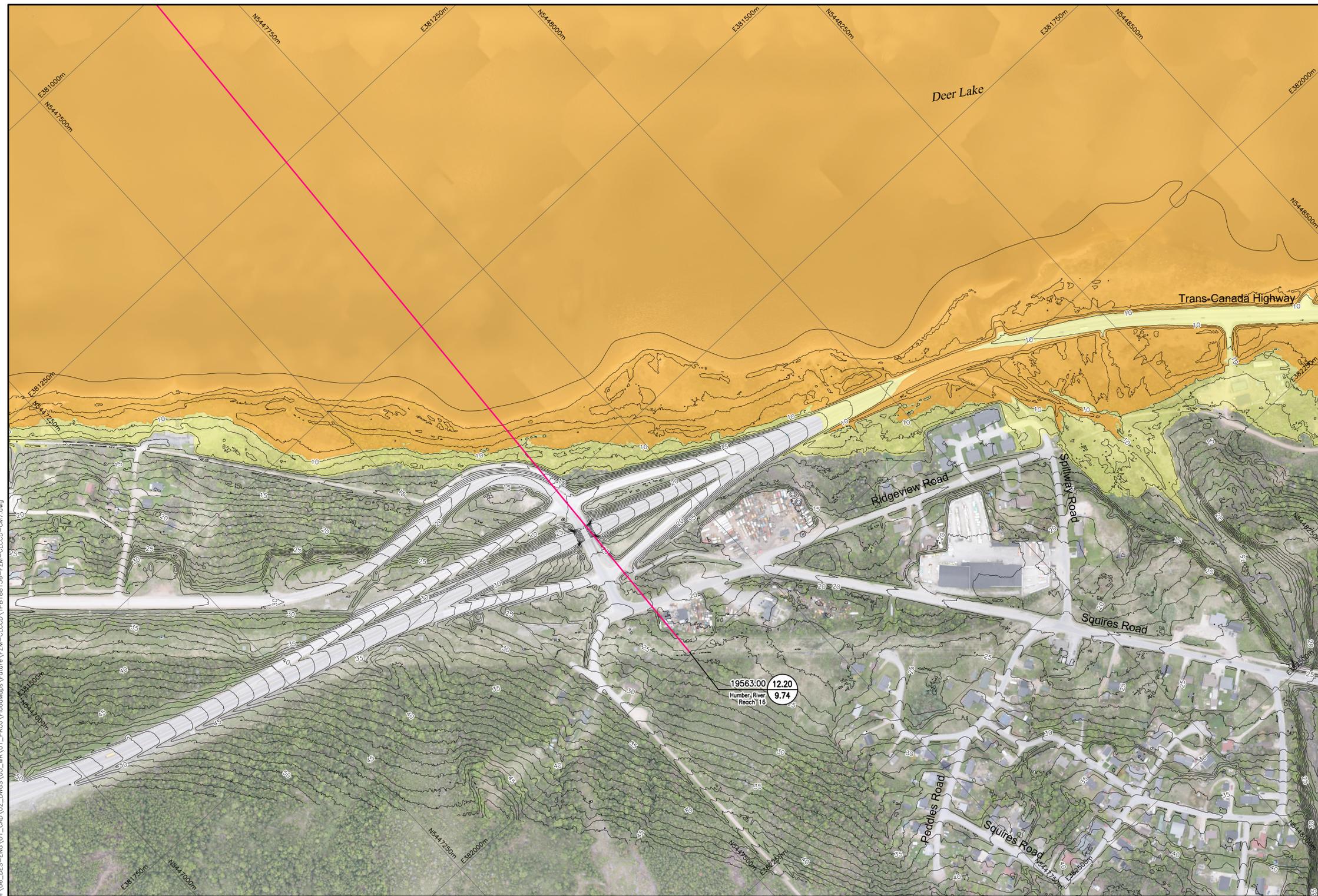


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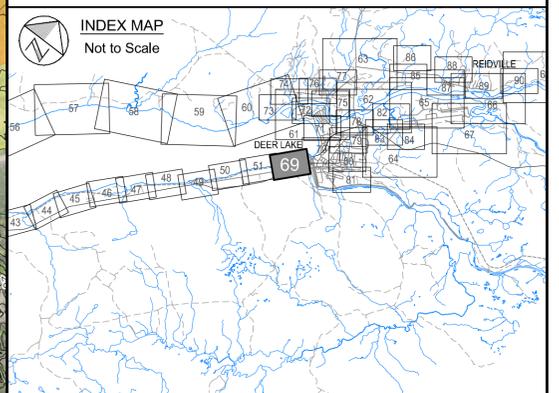
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**Climate Change
Flood Risk Map Study
Humber River Communities**

**Flood Extent Map
Climate Change and
Current Development Condition**

Deer Lake



Cross Section Label

1:100 AEP Flood Water Level (elevation in metres) 172.33
 1:20 AEP Flood Water Level (elevation in metres) 171.24

1050.00
 19563.00
 12.20
 9.74
 Humber River Reach 16

Hydraulic Crossings

- Bridge Location Identification
- Culvert Location Identification

1:20 AEP Flood Zone
 1:100 AEP Flood Zone



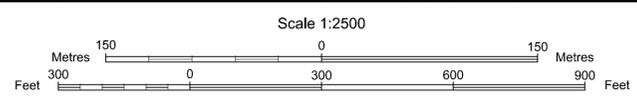
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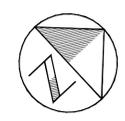
No.	Description	BY	DATE

**MTMNAD83
ZONE 3**

SCALE VALID FOR FULL
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AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 9th-14th 2019
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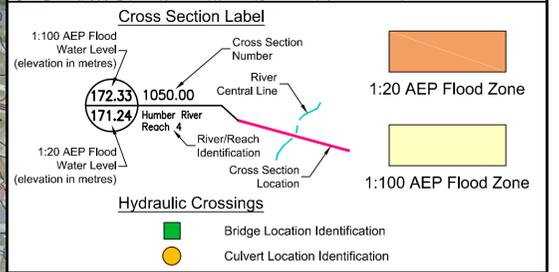
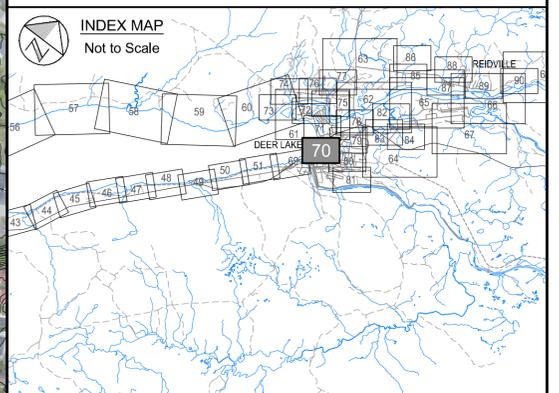
Sheet 69 of 90

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**Climate Change
Flood Risk Map Study
Humber River Communities**

**Flood Extent Map
Climate Change and
Current Development Condition**

Deer Lake



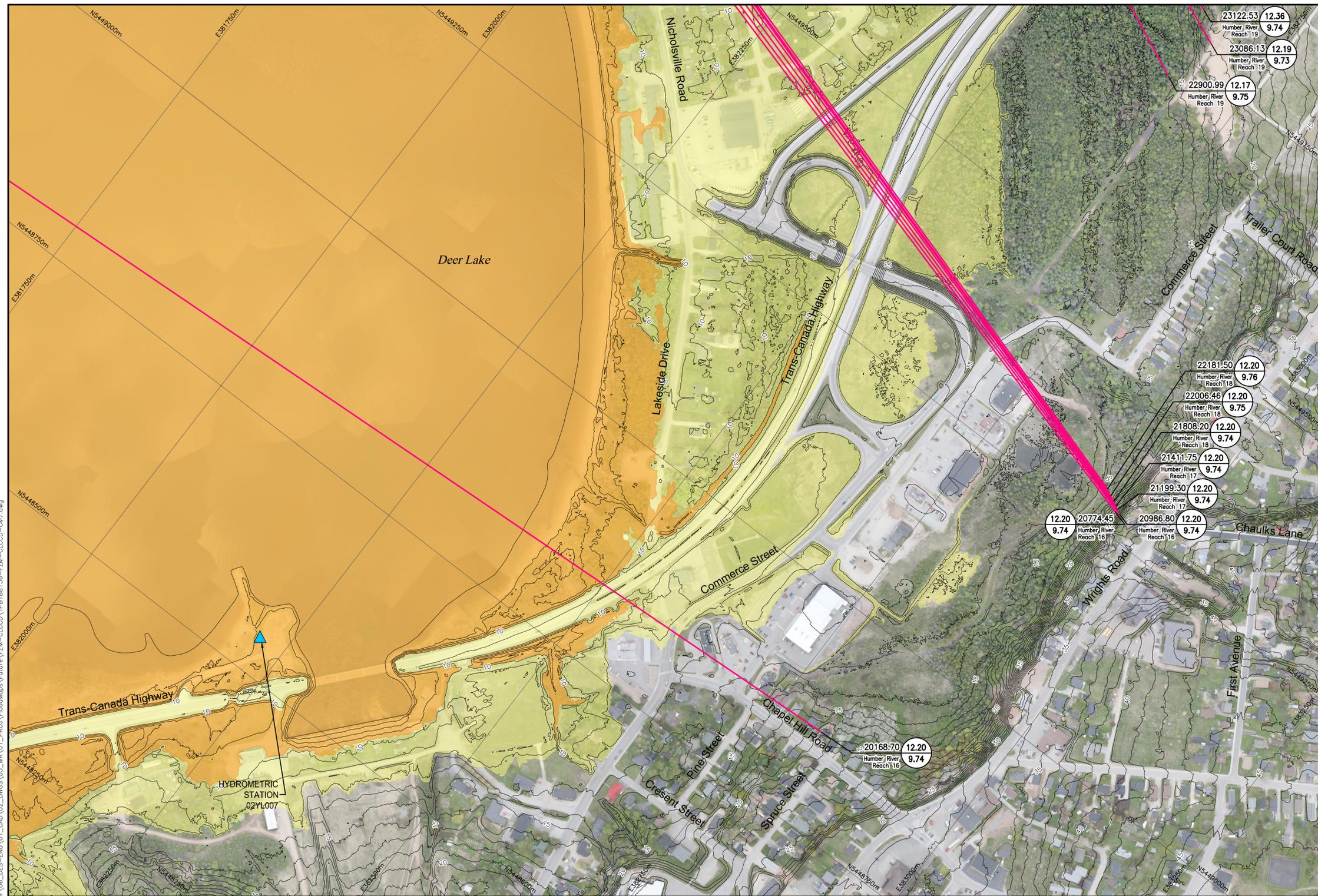
wood.

Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

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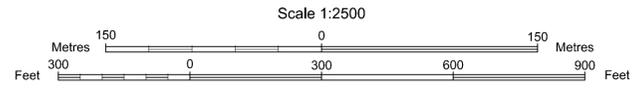
No.	Description	BY	DATE

Sheet 70 of 90

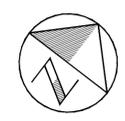


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ZONE 3**

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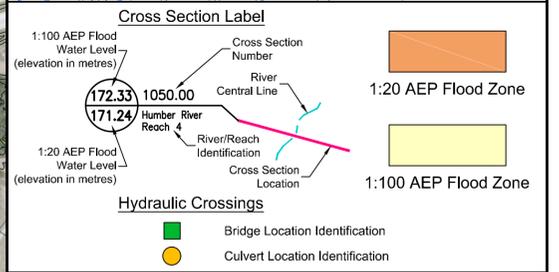
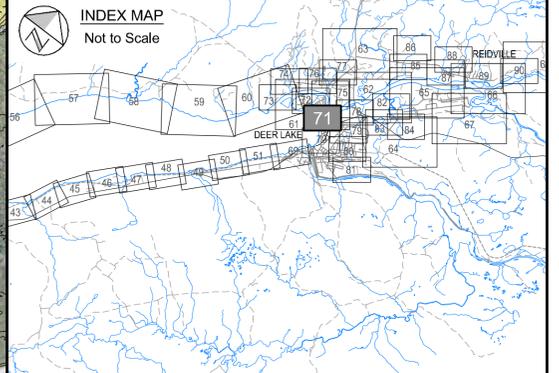
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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
**Humber River
Deer Lake**

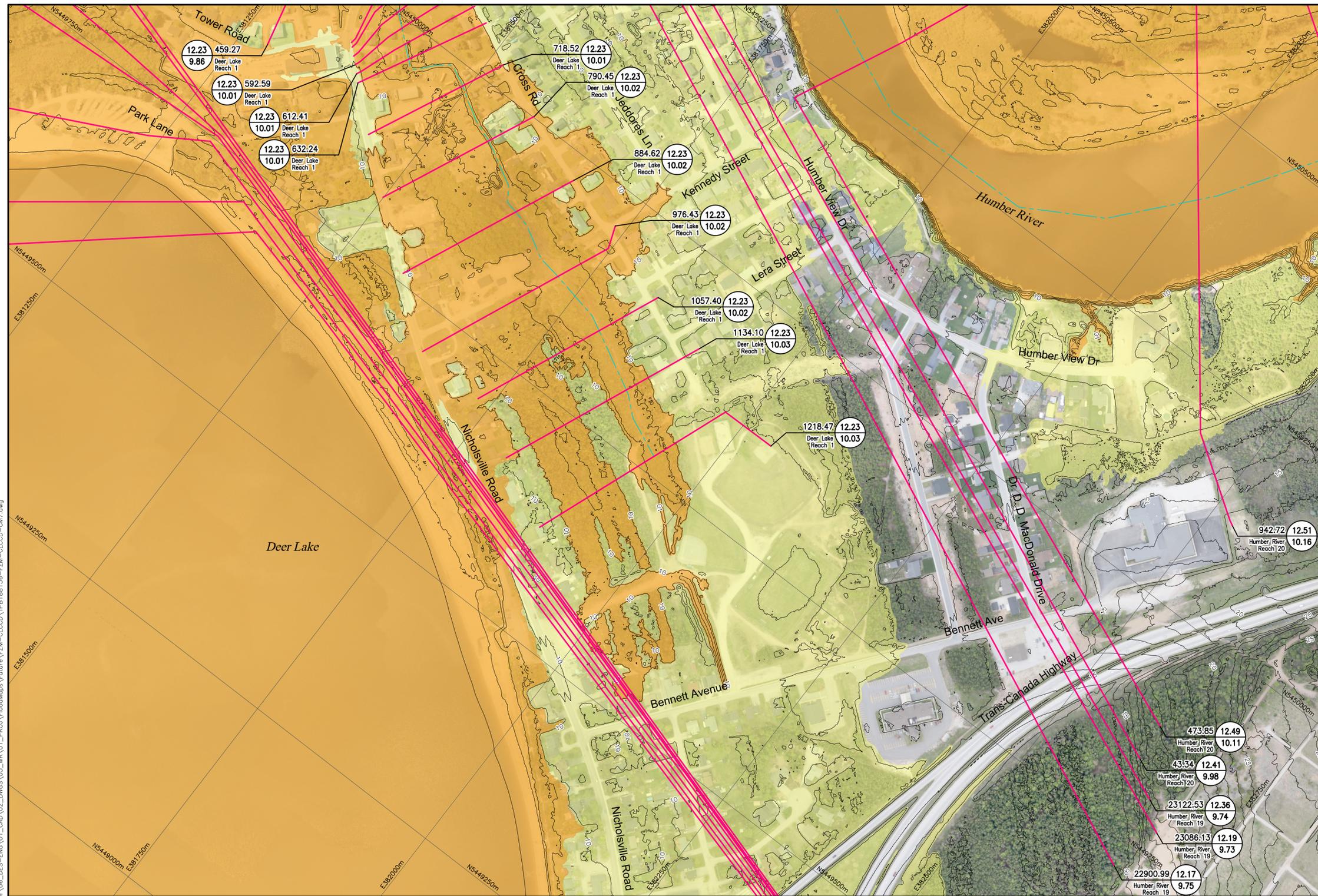


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

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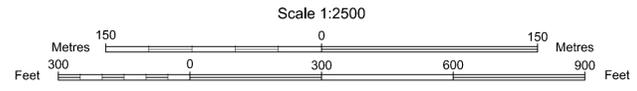
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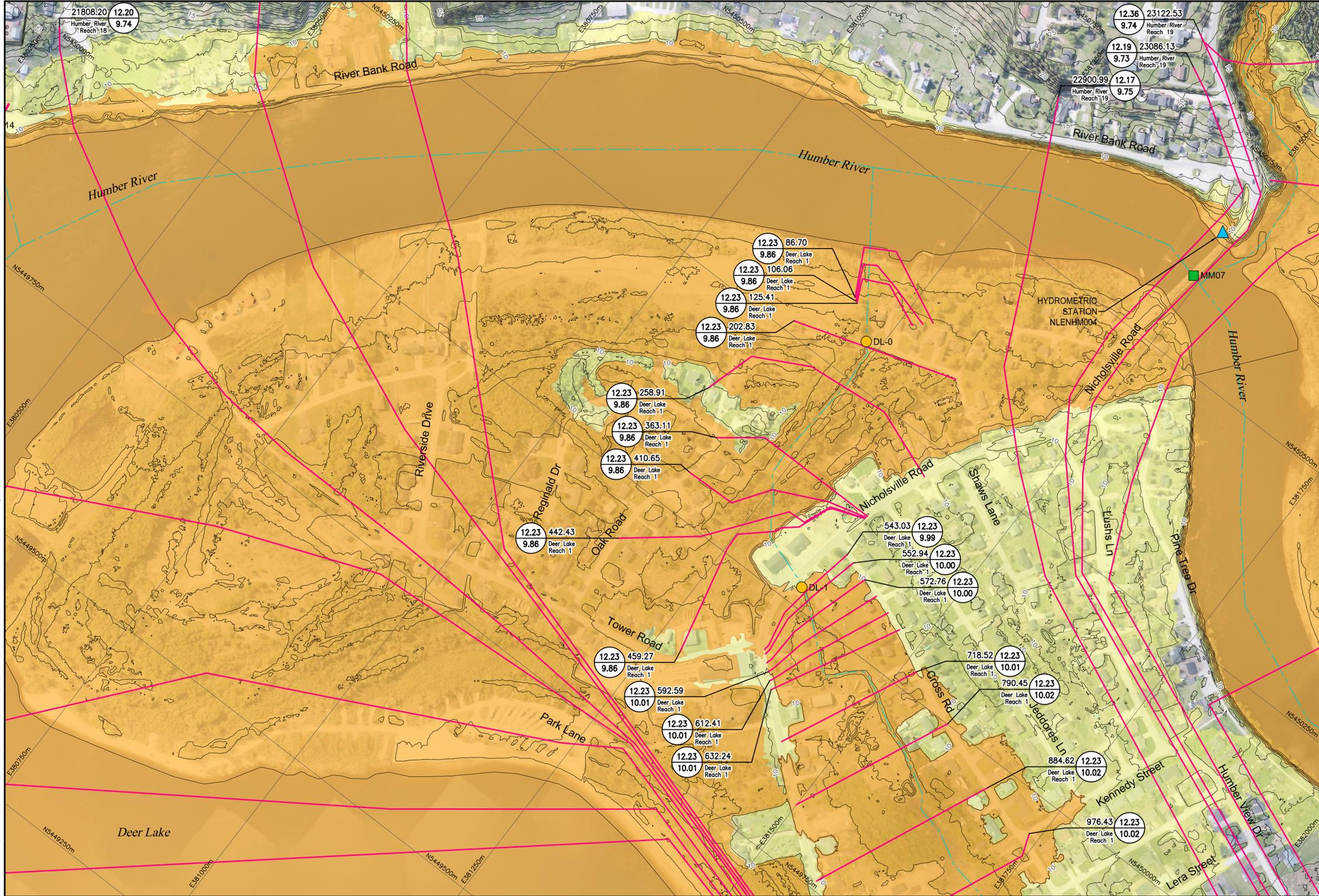
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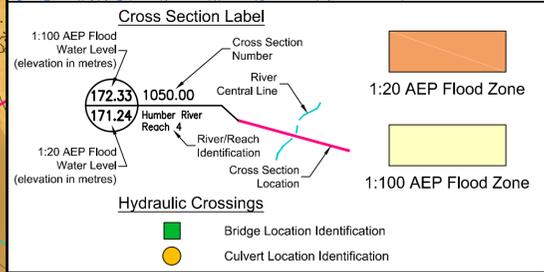
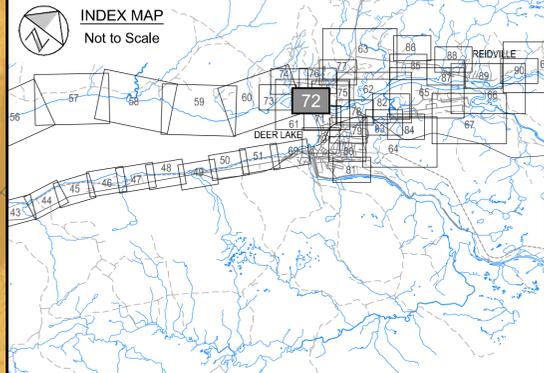


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**Climate Change
 Flood Risk Map Study
 Humber River Communities**

**Flood Extent Map
 Climate Change and
 Current Development Condition
 Humber River
 Deer Lake**

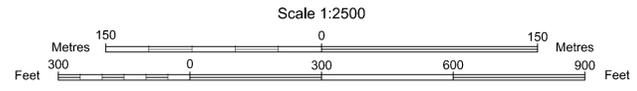


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

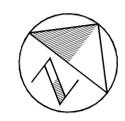
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No.	Description	BY	DATE

MTMNAD83
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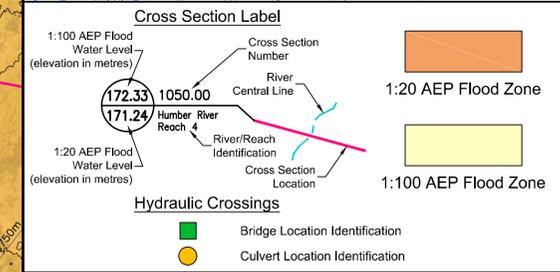
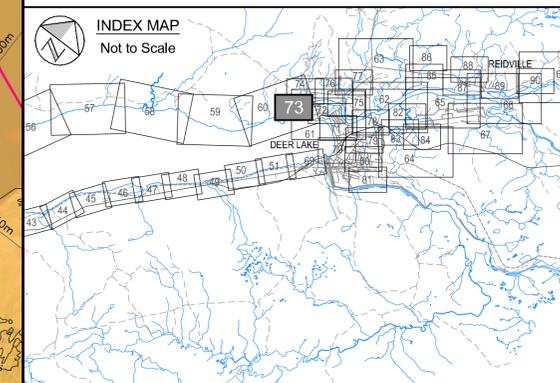
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 CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Humber River
Deer Lake Watercourses

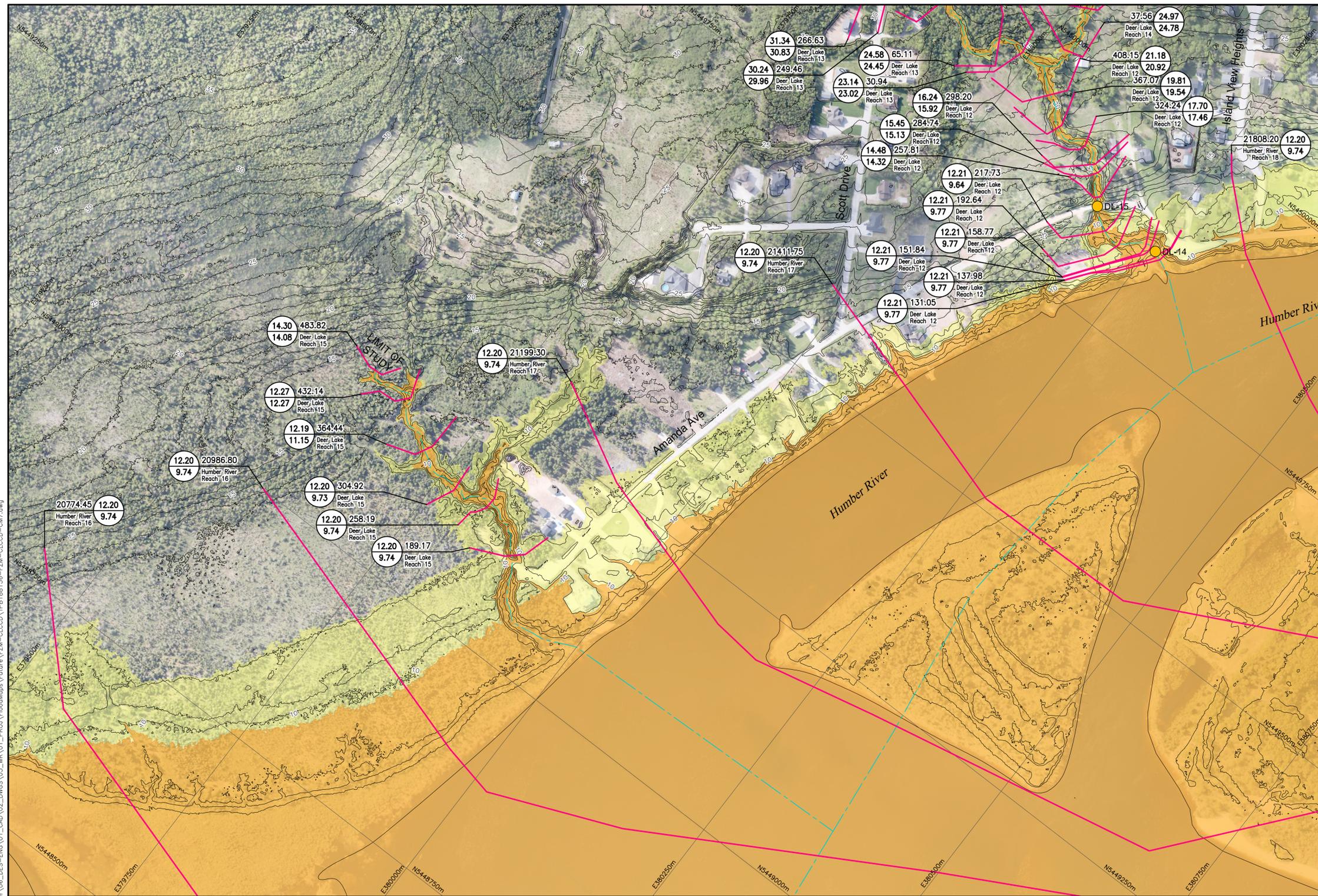


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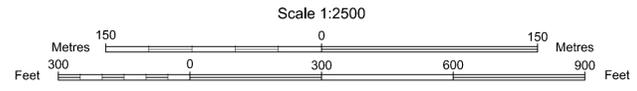
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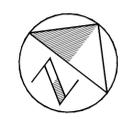


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SIZE 22"x34" PLOT ONLY



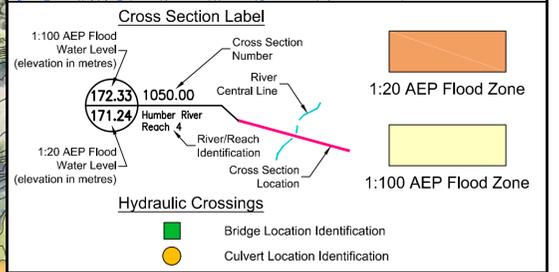
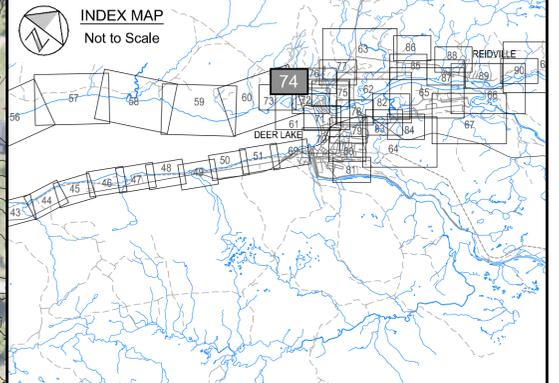
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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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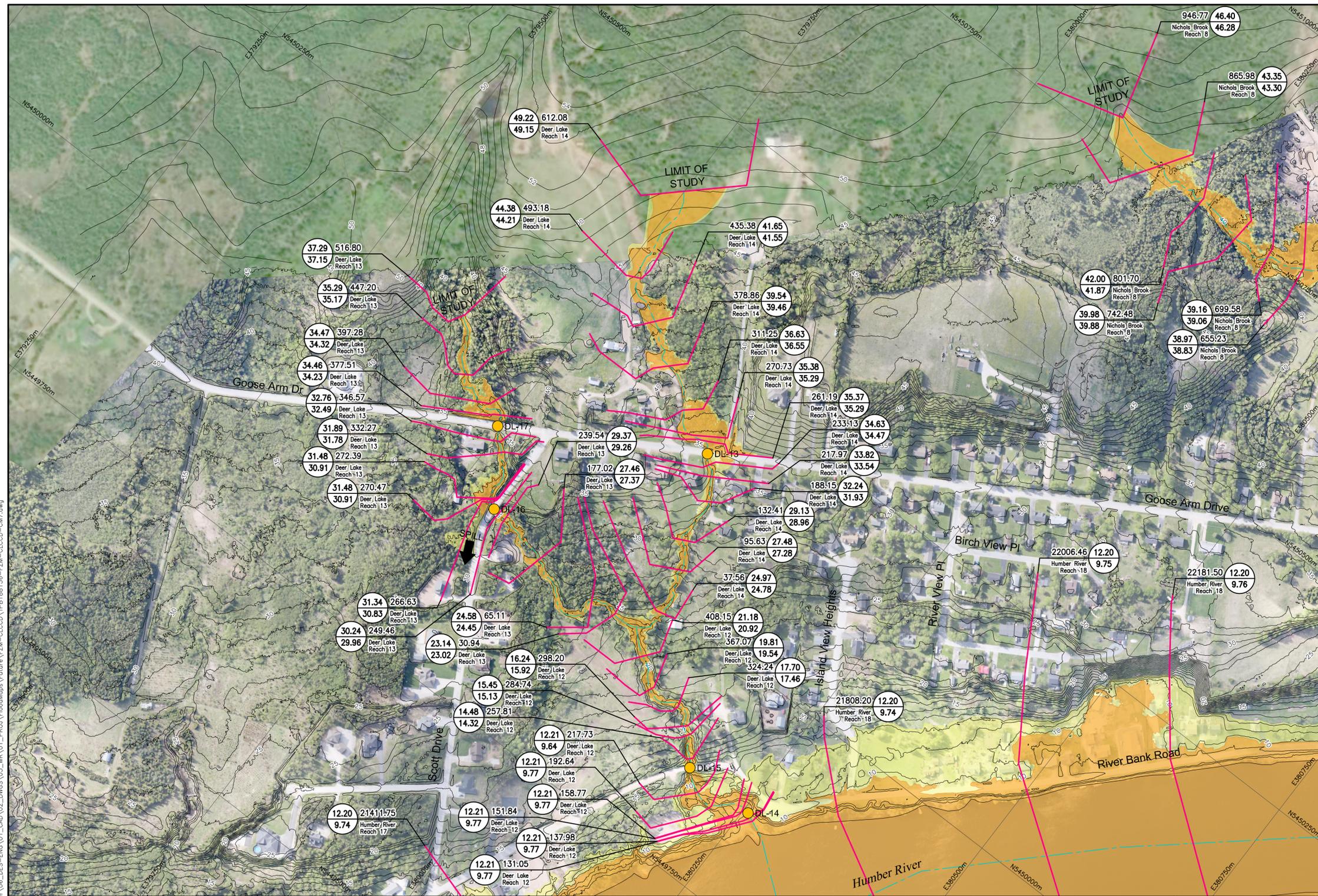
**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
**Humber River
Deer Lake Watercourses**



wood.
Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS			
No.	Description	BY	DATE



Scale 1:2500

Metres 150 0 150
Feet 300 0 300 600 900

AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 9th-14th 2019
CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)

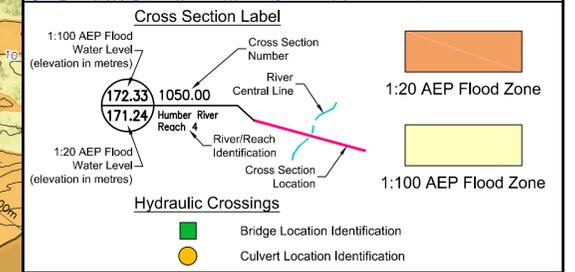
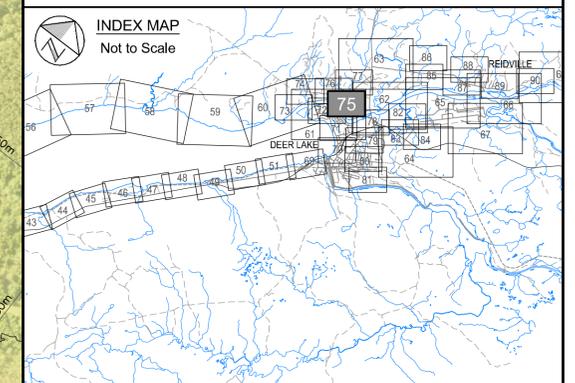
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ZONE 3

SCALE VALID FOR FULL
SIZE 22"x34" PLOT ONLY

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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
**Humber River
Nichols Brook**

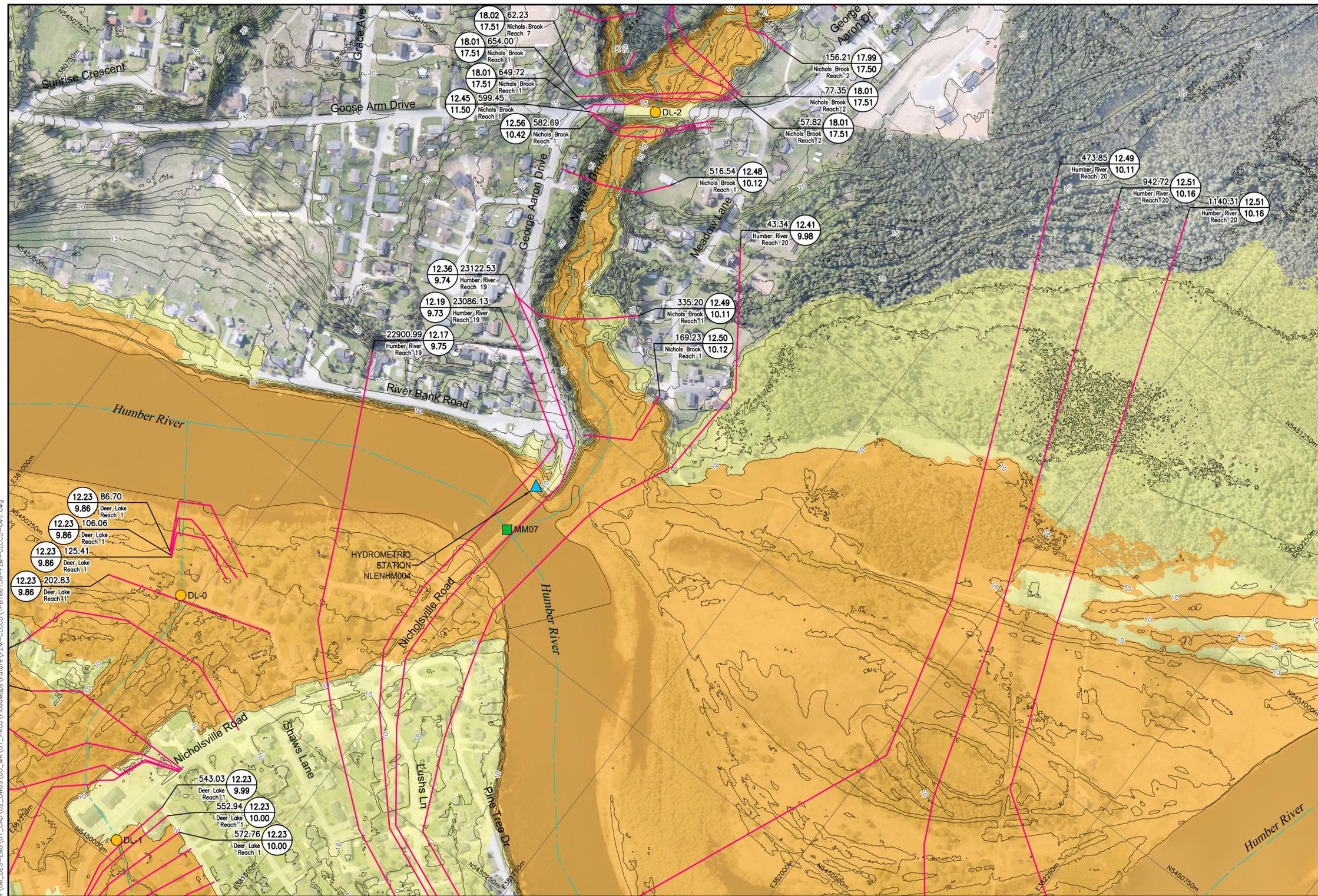


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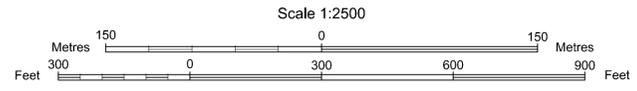
No.	Description	BY	DATE

Sheet 75 of 90

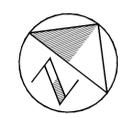


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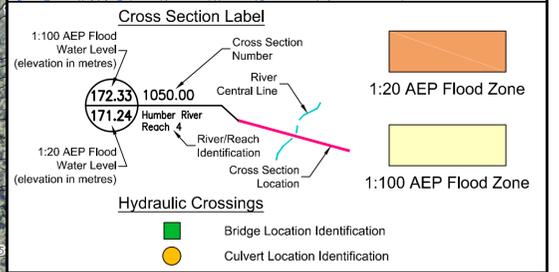
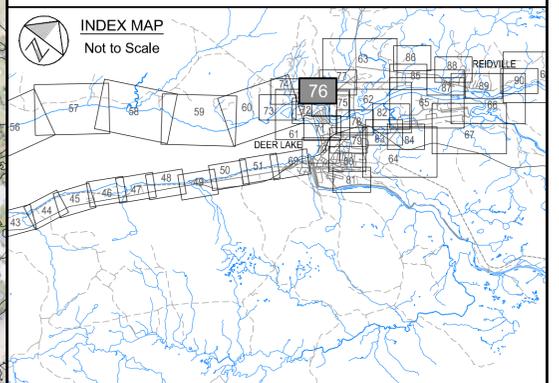


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**Climate Change
Flood Risk Map Study
Humber River Communities**

**Flood Extent Map
Climate Change and
Current Development Condition**

Nichols Brook

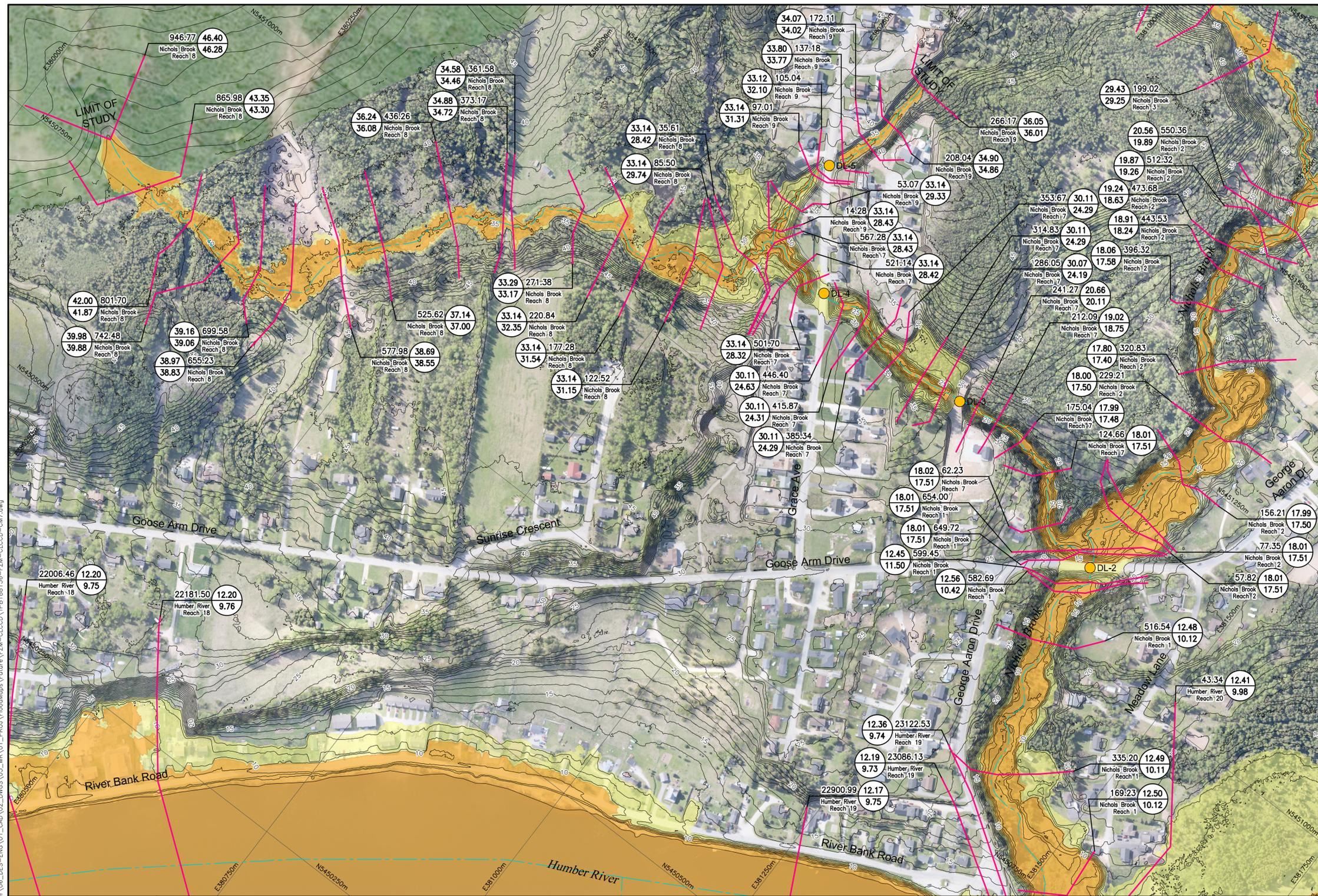


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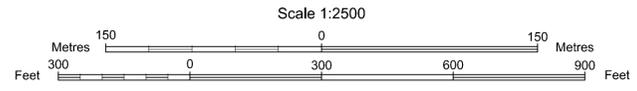
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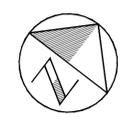


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ZONE 3

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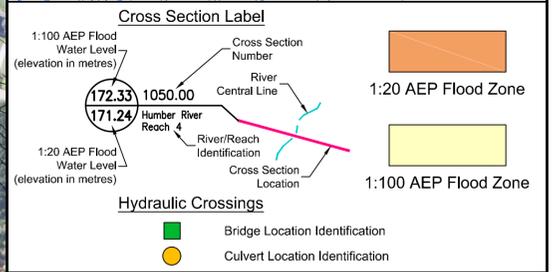
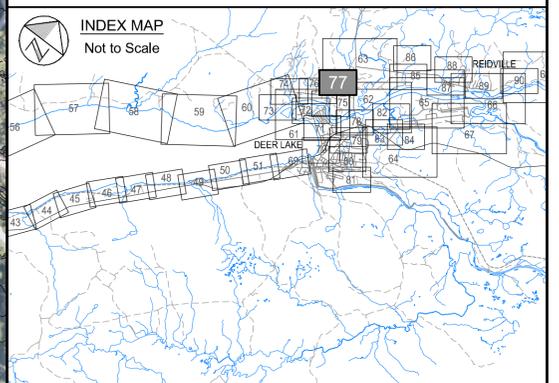


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**Climate Change
Flood Risk Map Study
Humber River Communities**

**Flood Extent Map
Climate Change and
Current Development Condition**

Nichols Brook



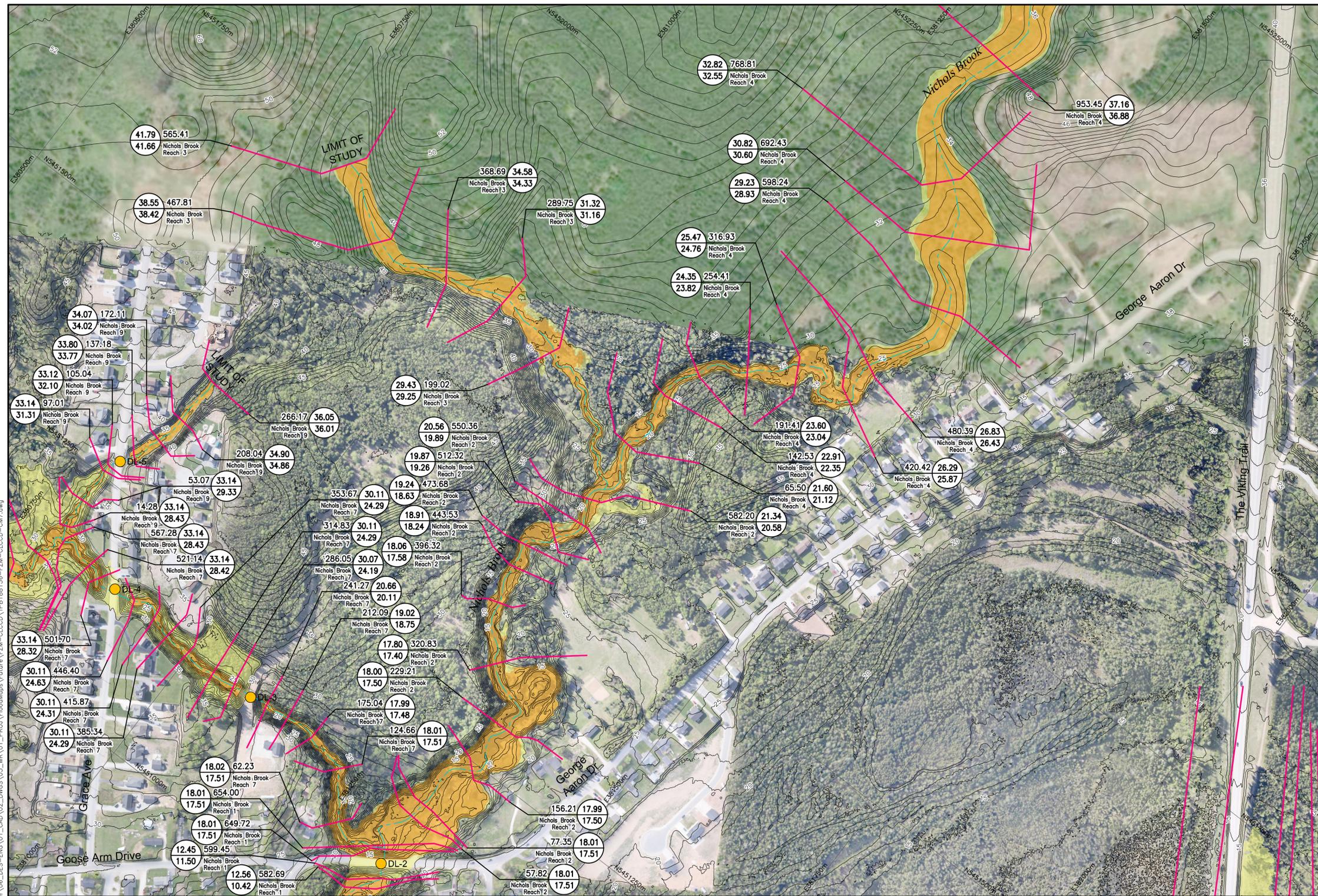
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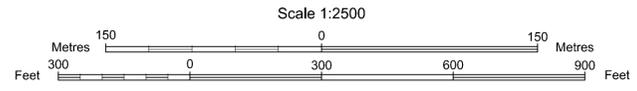
No.	Description	BY	DATE

Sheet 77 of 90

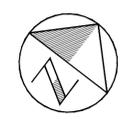


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ZONE 3**

SCALE VALID FOR FULL
SIZE 22"x34" PLOT ONLY



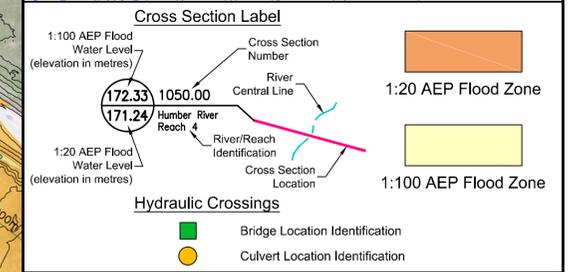
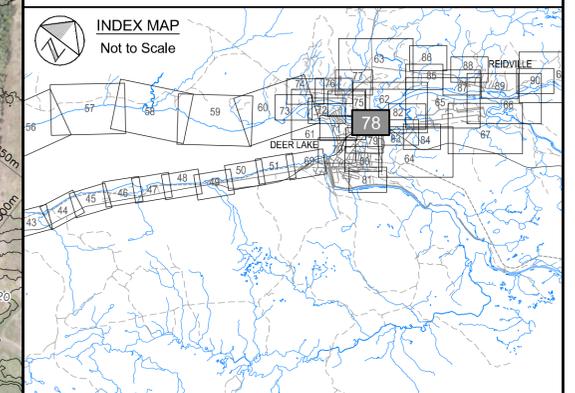
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
**Humber River
Deer Lake Watercourses**



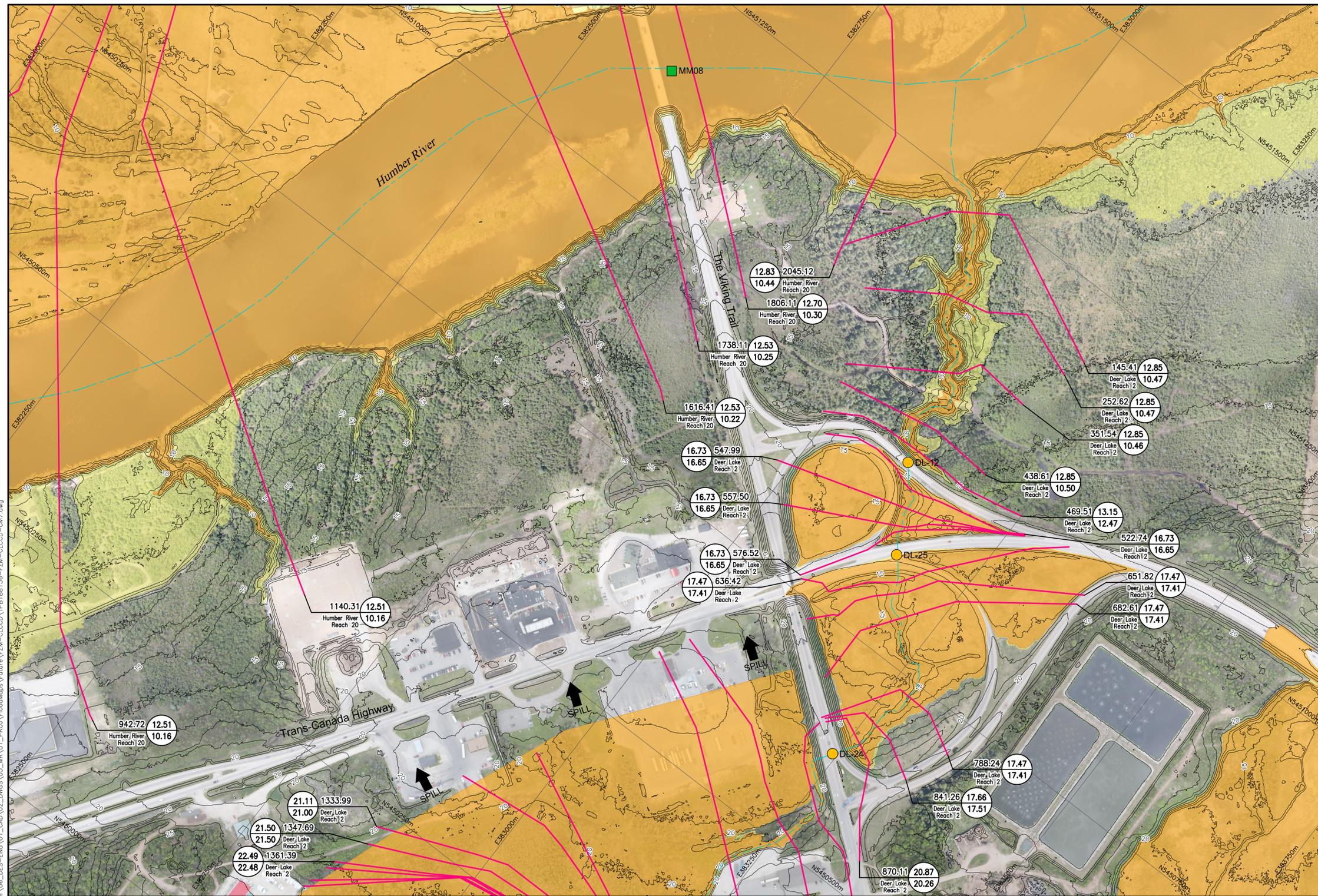
wood.

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REVISIONS

No.	Description	BY	DATE

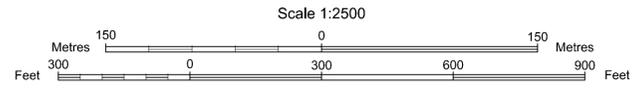
Sheet 78 of 90



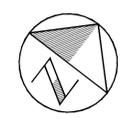
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ZONE 3**

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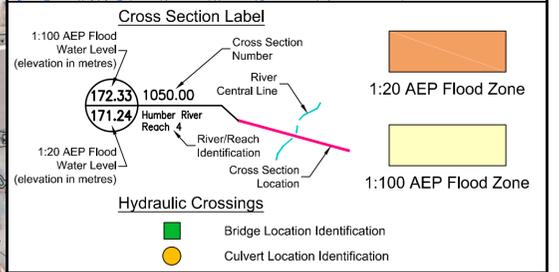
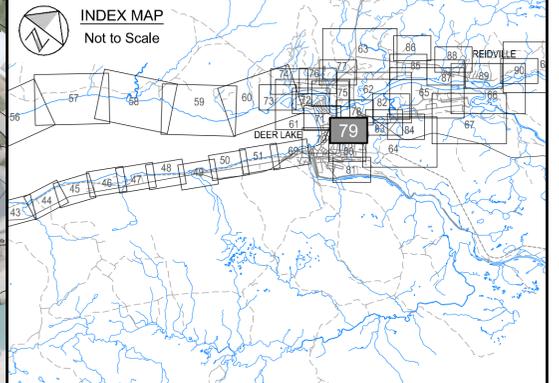


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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Humber River
Deer Lake Watercourses



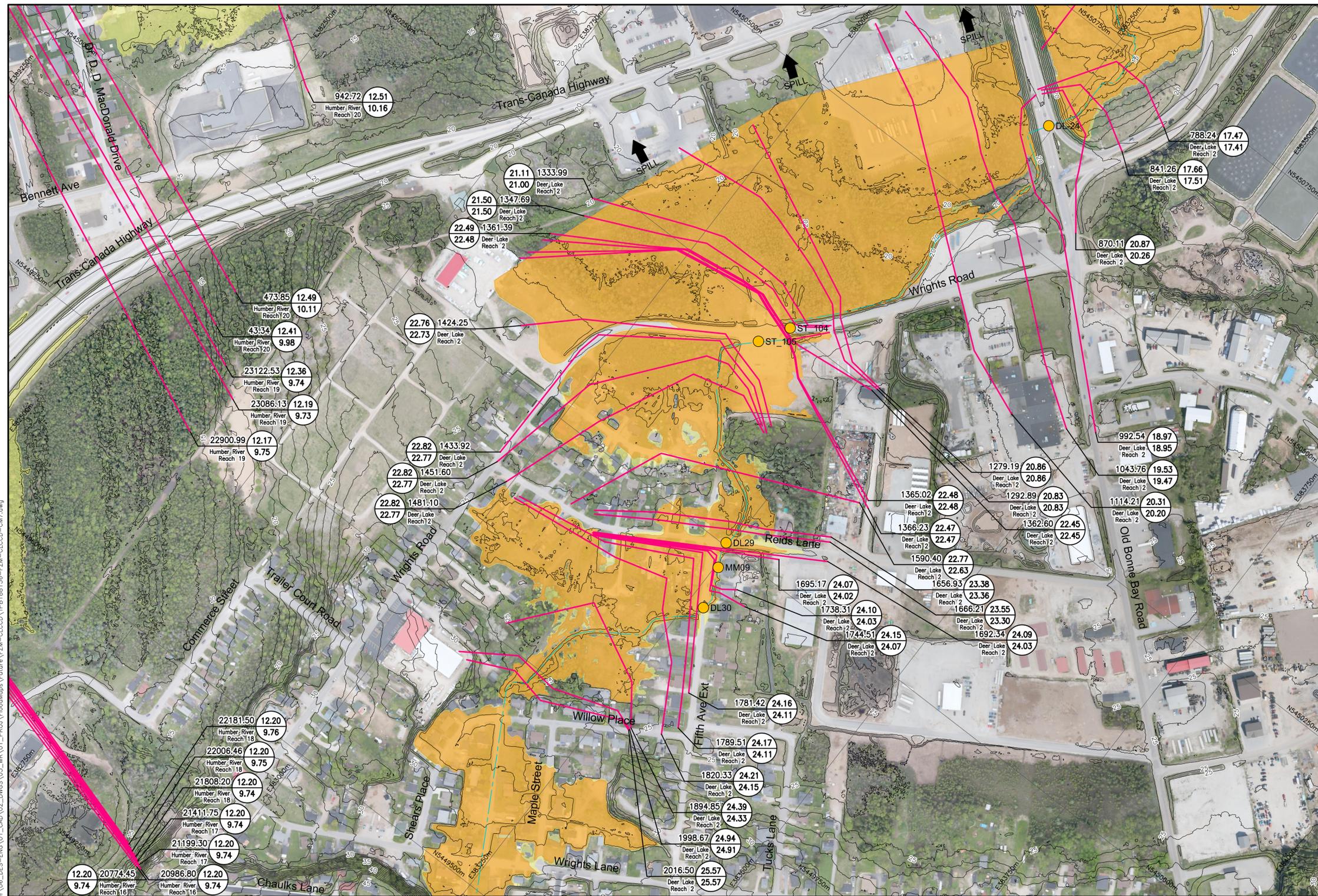
Hydraulic Crossings
■ Bridge Location Identification
● Culvert Location Identification



Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

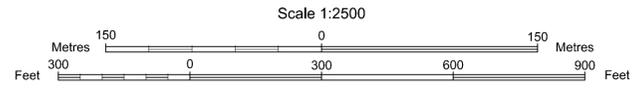
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ZONE 3

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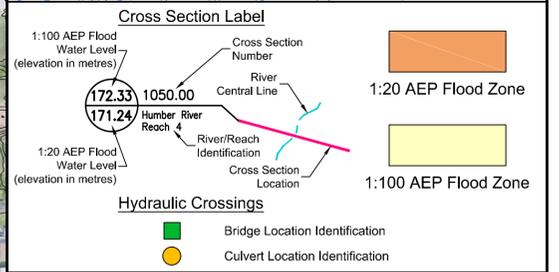
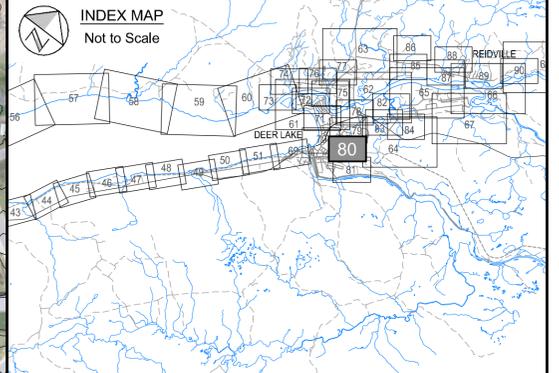
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Deer Lake Watercourses



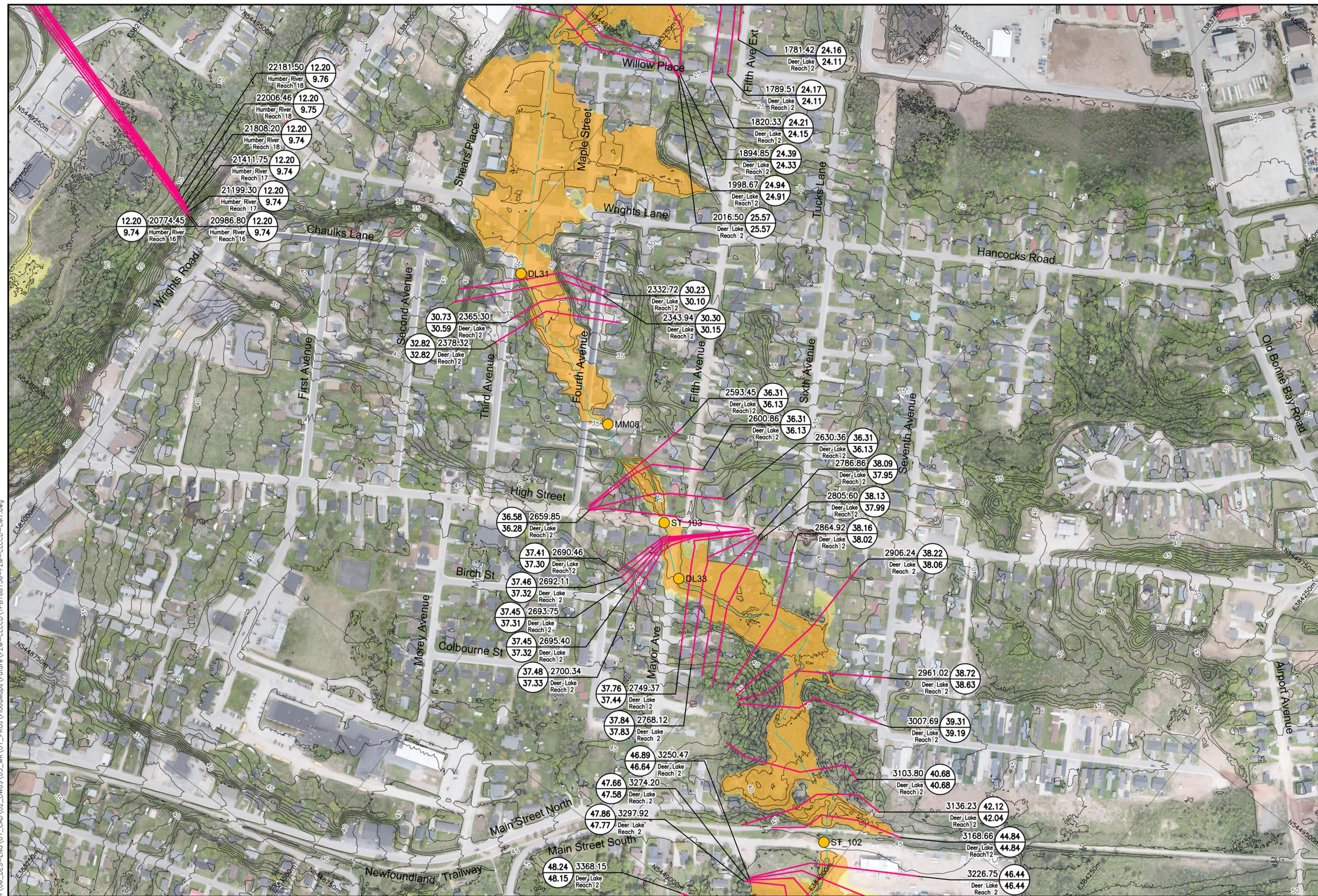
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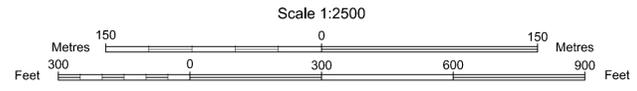
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Sheet 80 of 90

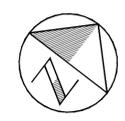


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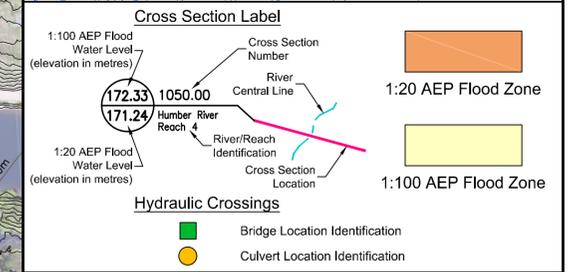
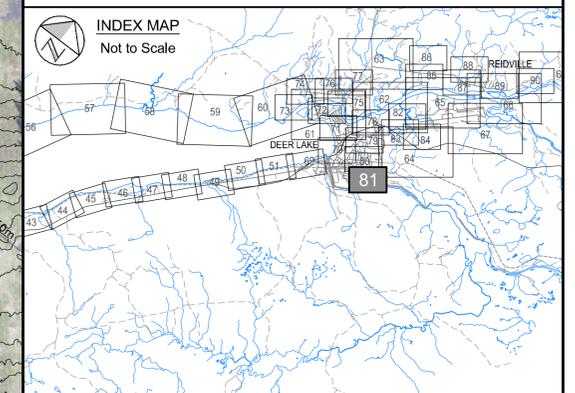
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Deer Lake Watercourses



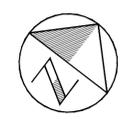
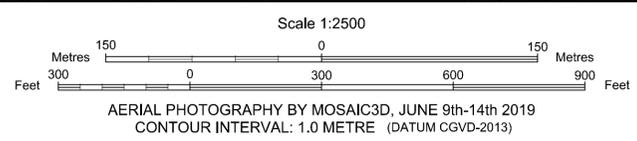
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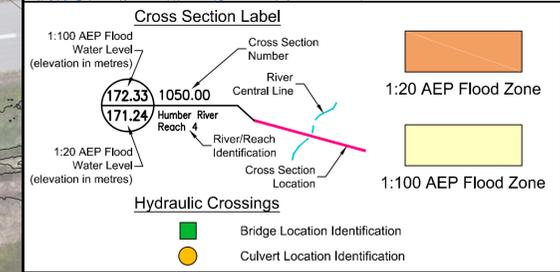
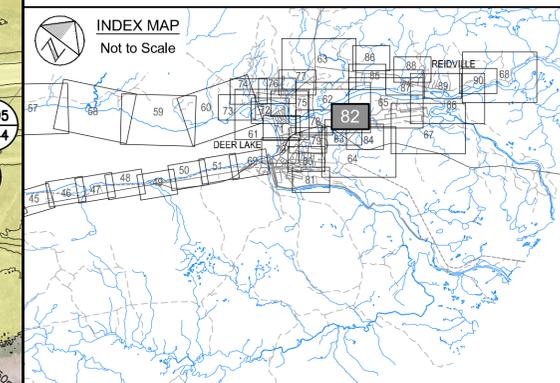
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**Climate Change
Flood Risk Map Study
Humber River Communities**

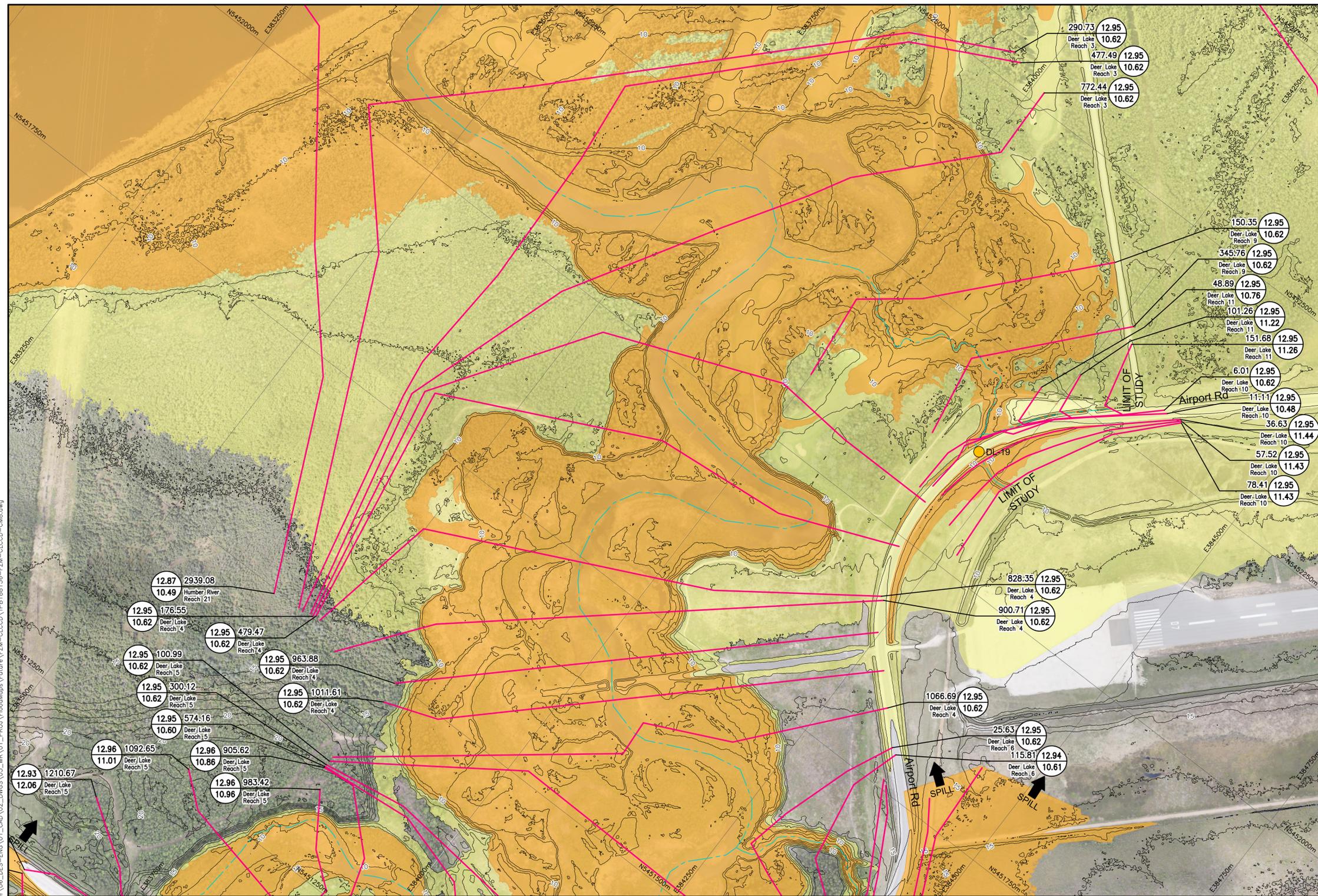
**Flood Extent Map
Climate Change and
Current Development Condition
Humber River
Deer Lake Watercourses**



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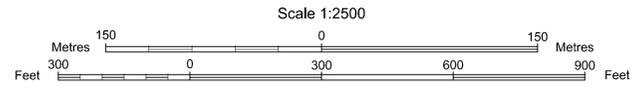
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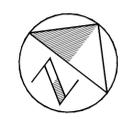


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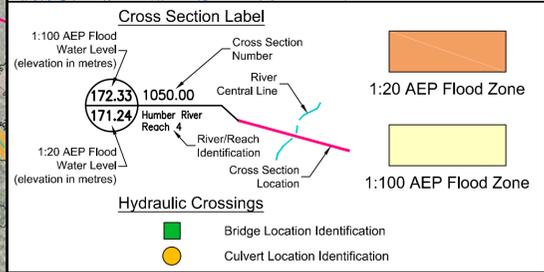
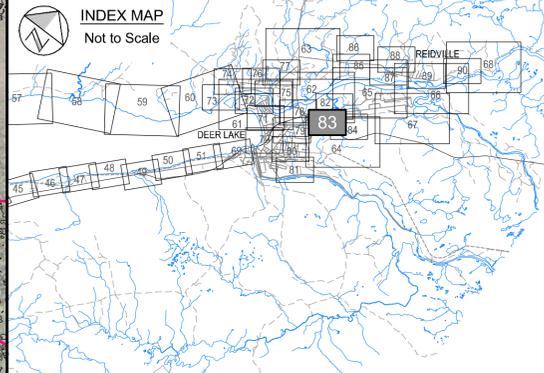
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
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Deer Lake Watercourses



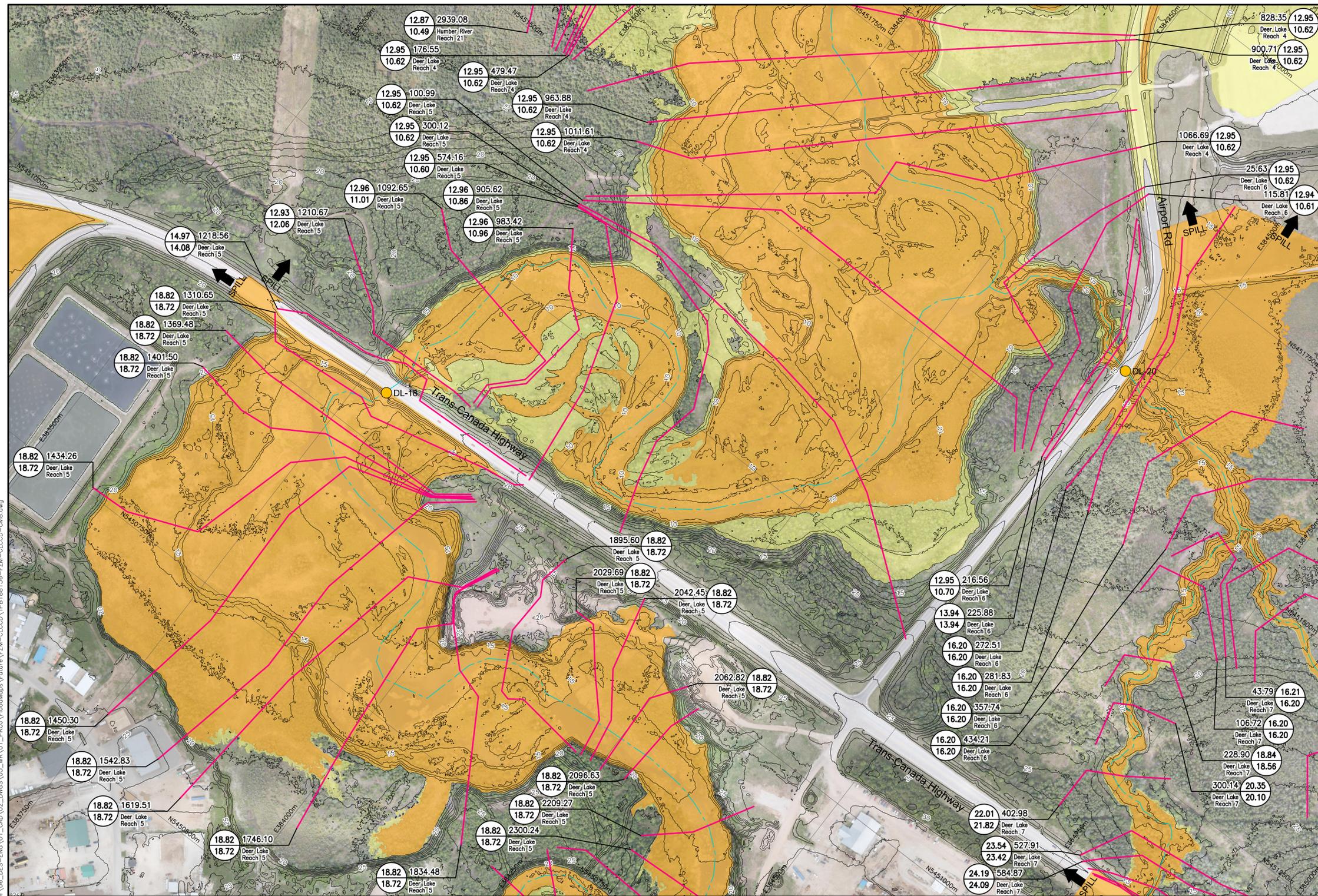
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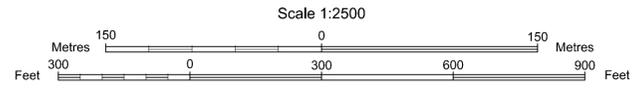
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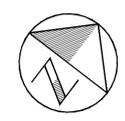


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ZONE 3

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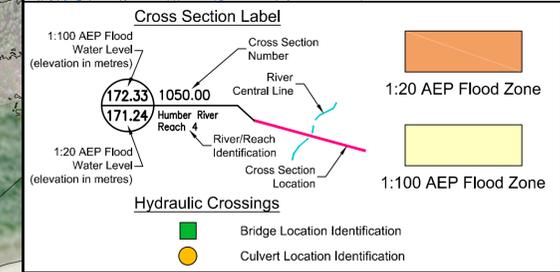
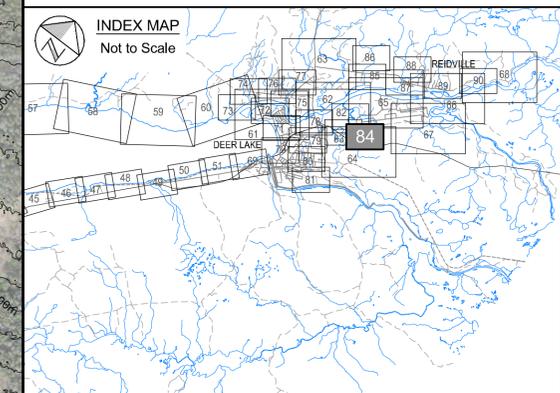
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**Climate Change
Flood Risk Map Study
Humber River Communities**

Flood Extent Map
Climate Change and
Current Development Condition
Deer Lake Watercourses

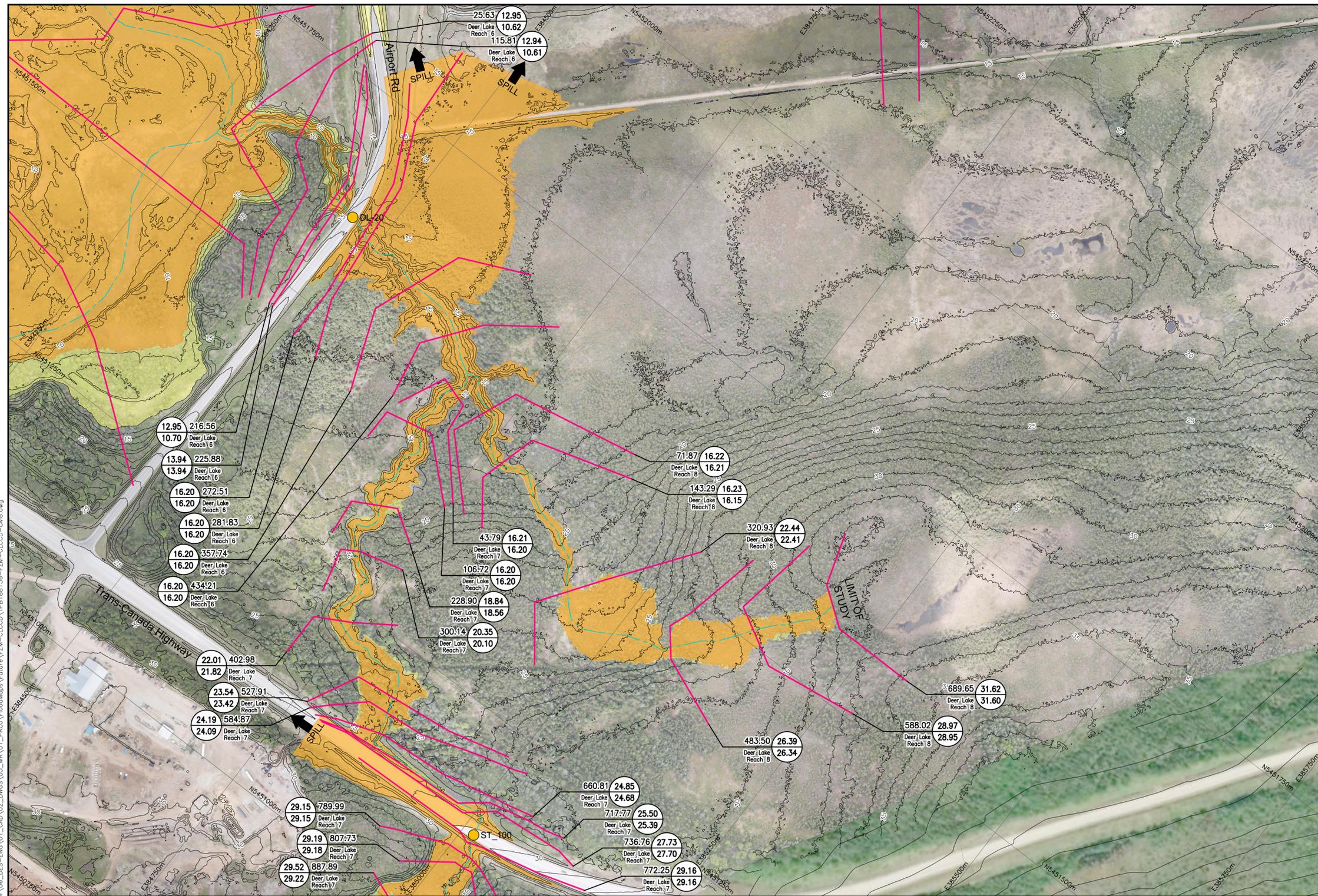


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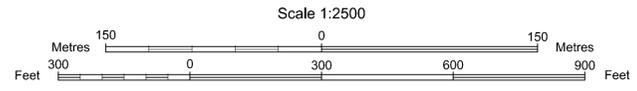
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