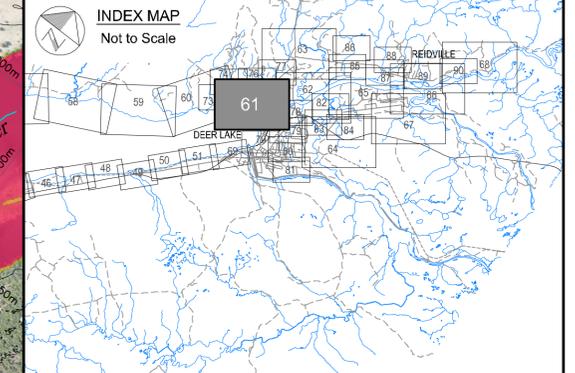
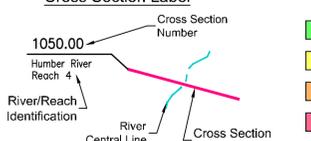


## Climate Change Flood Risk Map Study Humber River Communities

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River,  
Nichols Brook, Deer Lake Watercourses



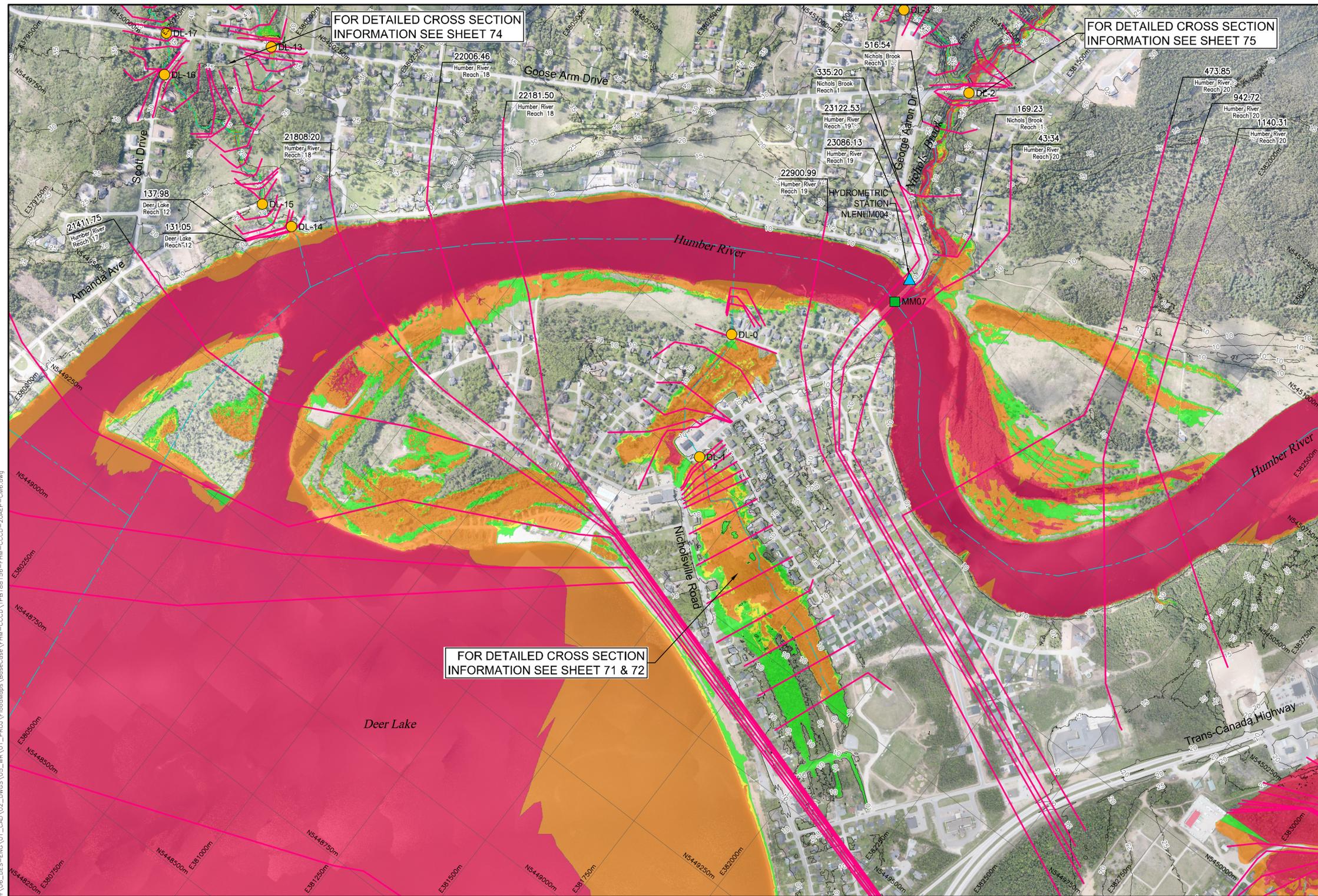
<b>Cross Section Label</b>	<b>1:20 AEP Flood Hazard</b>
 <p>1050.00 Humber River Reach 4 River/Reach Identification</p> <p>Cross Section Number Cross Section Location</p>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; border: 1px solid black;"></span> Low</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; border: 1px solid black;"></span> Moderate</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FF8C00; border: 1px solid black;"></span> Significant</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #DC143C; border: 1px solid black;"></span> Extreme</li> </ul>
<b>Hydraulic Crossings</b>	
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #008000; border: 1px solid black;"></span> Bridge Location Identification</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; border: 1px solid black; border-radius: 50%;"></span> Culvert Location Identification</li> </ul>	

**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



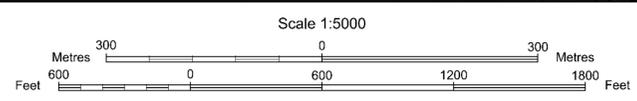
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 74

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 75

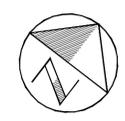
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 71 & 72

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ZONE 3

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SIZE 22"X34" PLOT ONLY



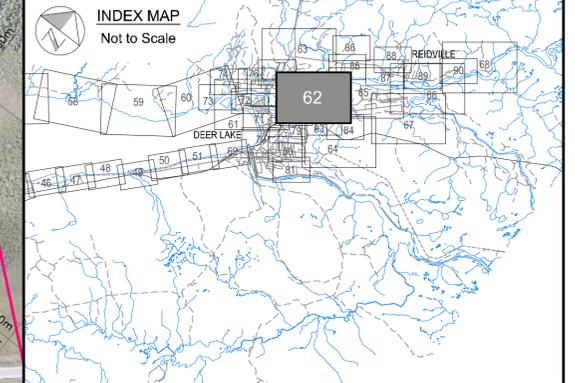
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CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River,  
Rocky Brook, Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

1050.00  
Cross Section Number

Central Line  
River  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

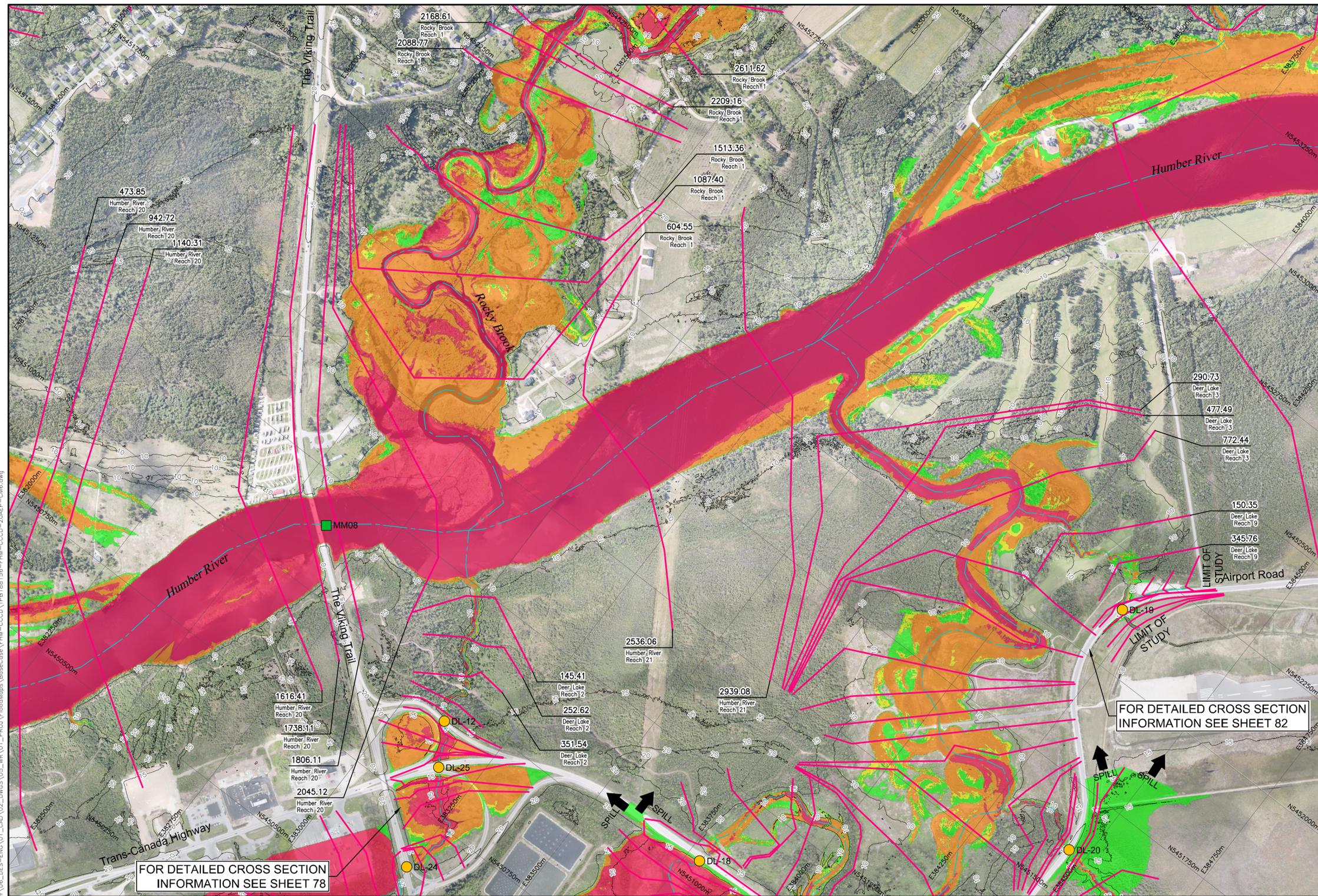
- Bridge Location Identification
- Culvert Location Identification



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

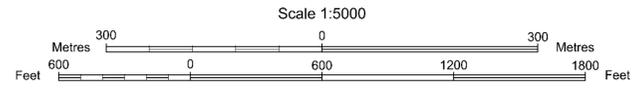
REVISIONS

No.	Description	BY	DATE



MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
SIZE 22"X34" PLOT ONLY



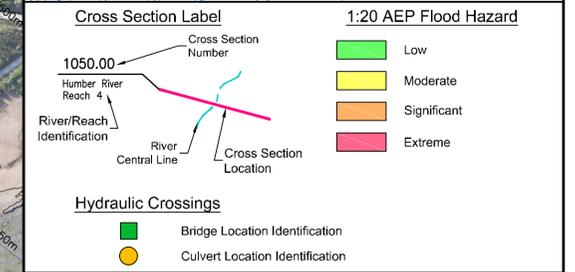
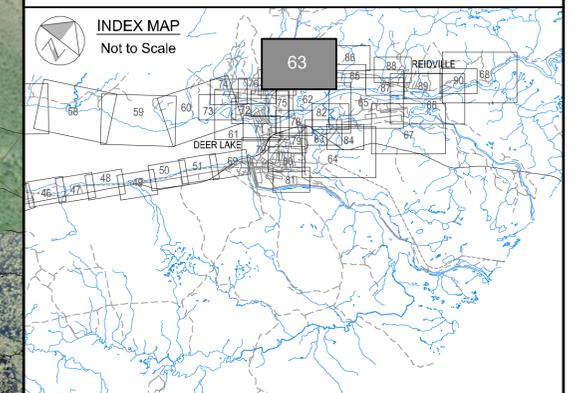
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CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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## Climate Change Flood Risk Map Study Humber River Communities

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Nichols Brook  
Rocky Brook



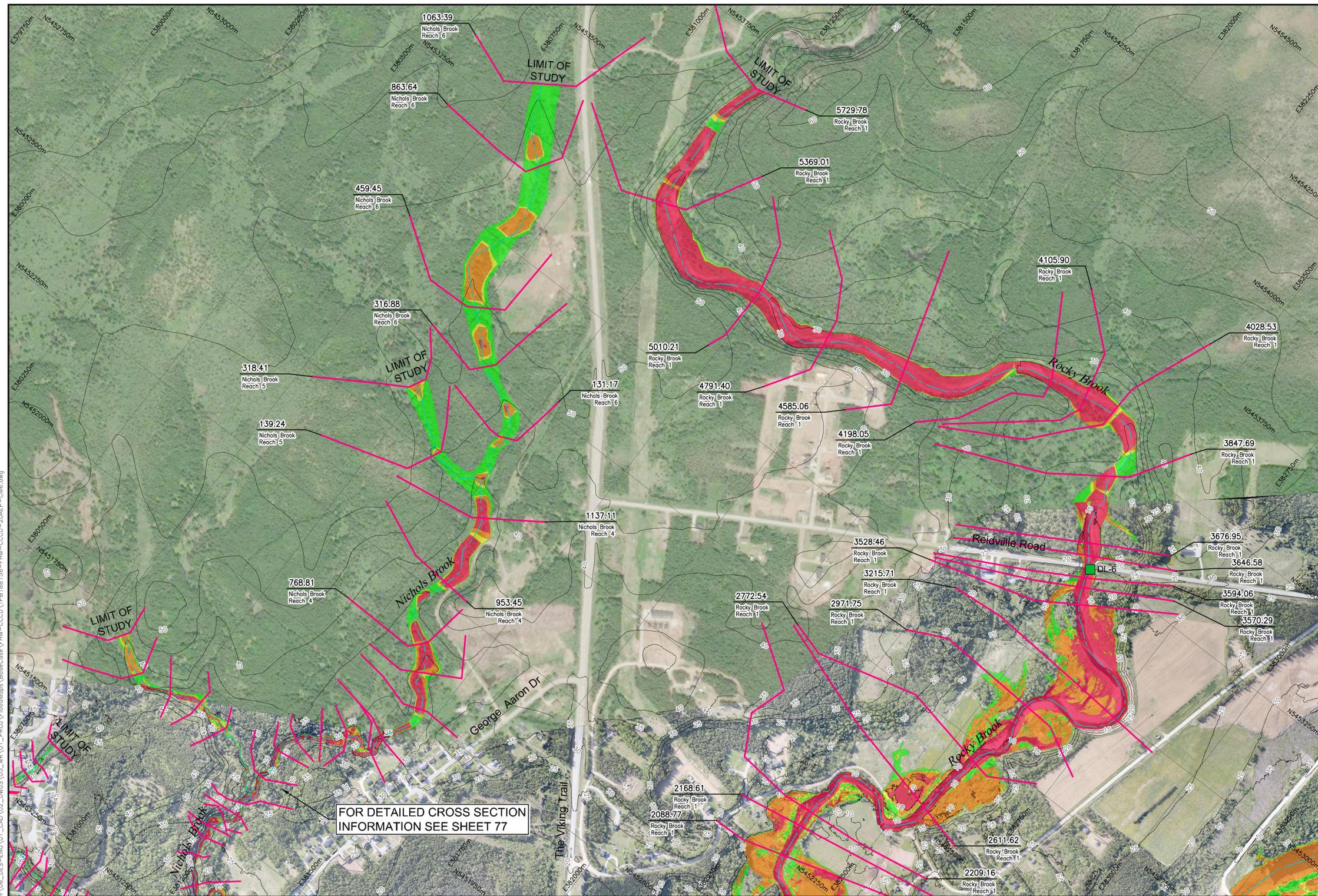
**wood.**

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

REVISIONS

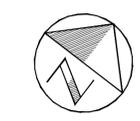
No.	Description	BY	DATE

Sheet 63 of 90



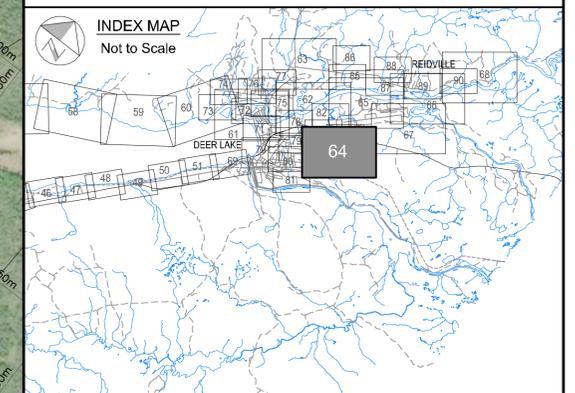
MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
SIZE 22"x34" PLOT ONLY



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

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River  
Reach 4

**River/Reach Identification**

River  
Central Line

Cross Section  
Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

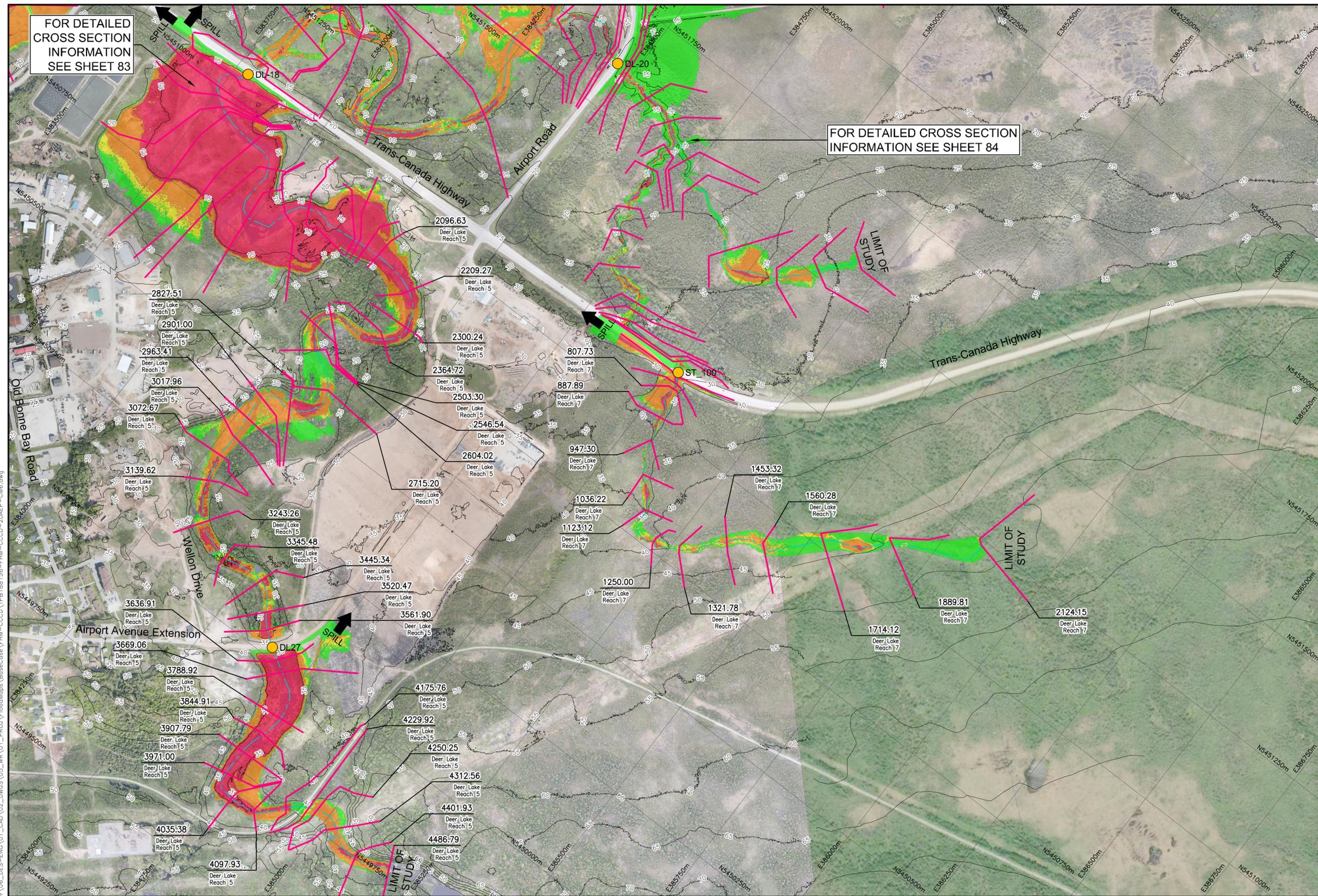
- Bridge Location Identification
- Culvert Location Identification



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

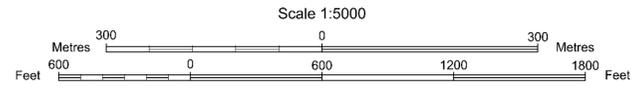


FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 83

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 84

MTMNAD83  
ZONE 3

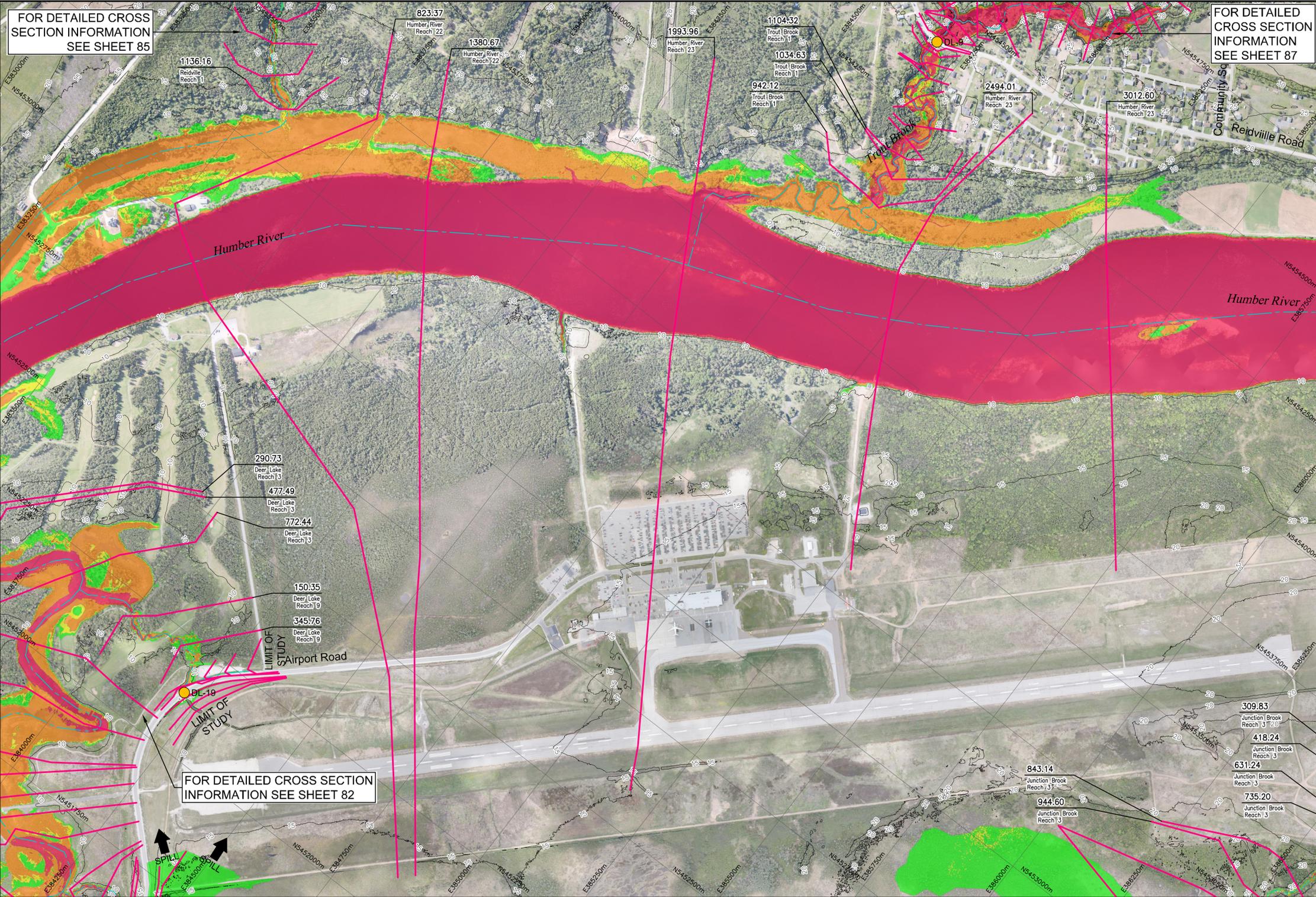
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AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 2019  
CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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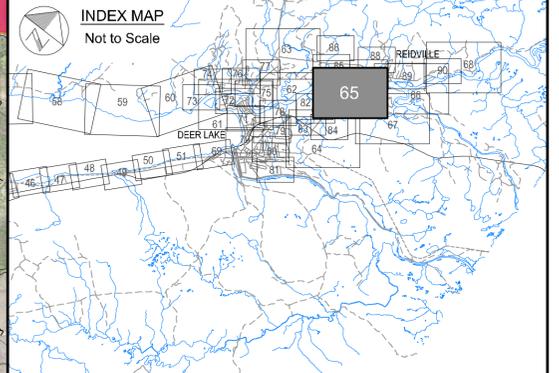
FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 85

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 87

FOR DETAILED CROSS SECTION INFORMATION SEE SHEET 82

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

1:20 AEP Flood Hazard Mapping  
 Current Climate and  
 Current Development Condition  
 Humber River, Trout Brook,  
 Deer Lake and Reidville Watercourses



**Cross Section Label**

1050.00  
 Humber River Reach 4

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

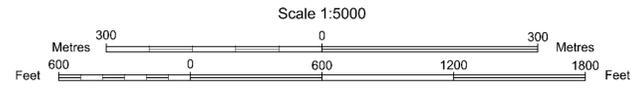


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

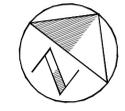
REVISIONS			
No.	Description	BY	DATE

MTMNAD83  
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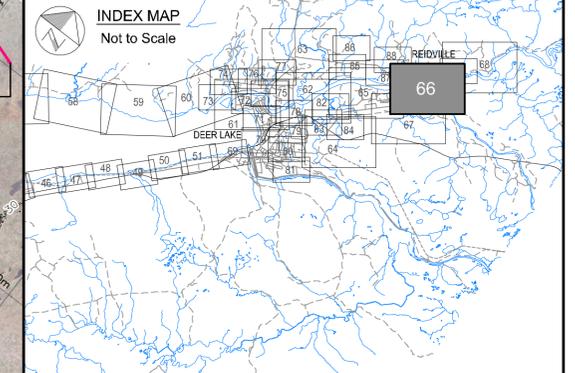


AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 2019  
 CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River,  
Junction Brook, Reidville Watercourses



**Cross Section Label**

1050.00  
Humber River  
Reach 4

**River/Reach Identification**

Central Line  
River  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

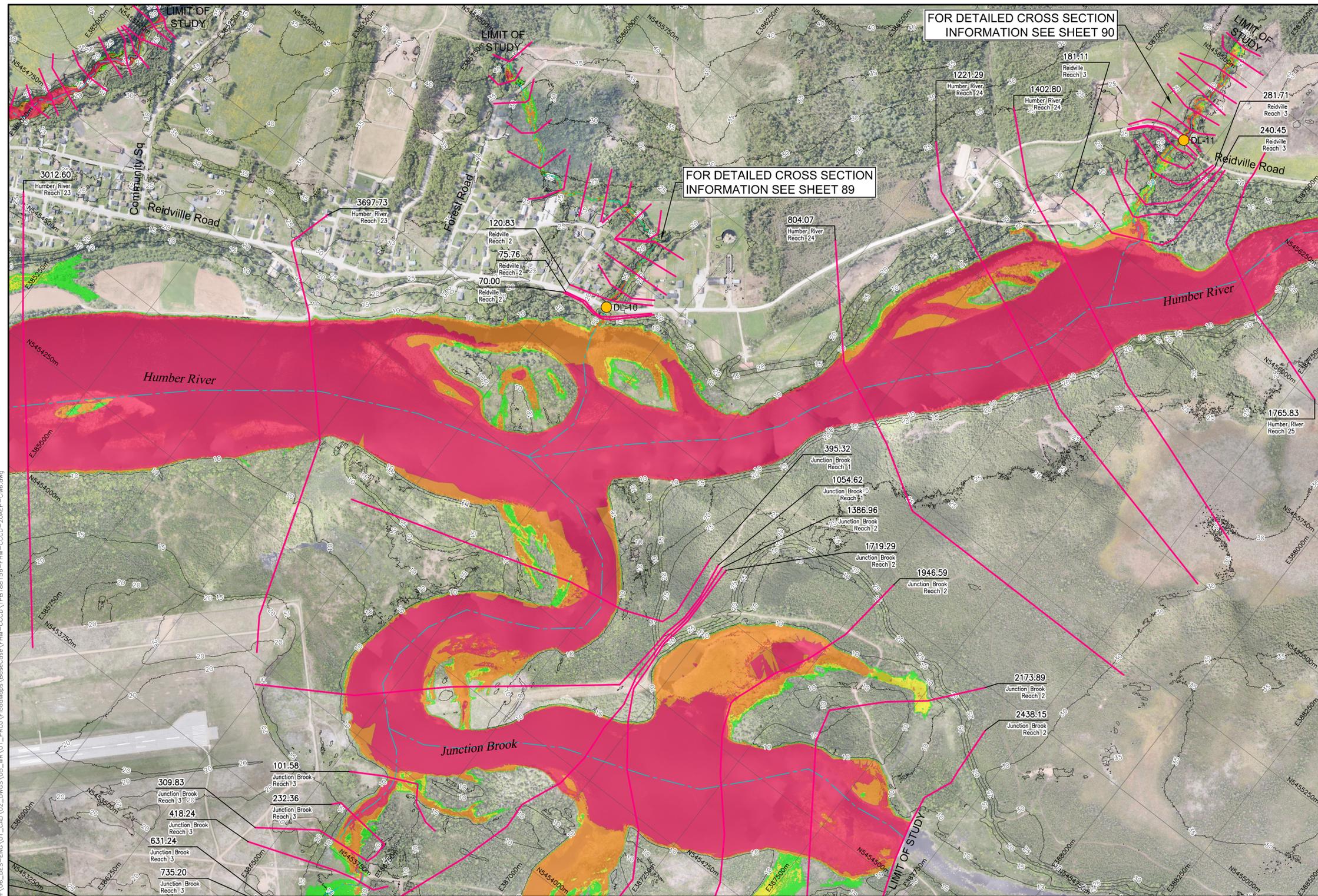


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS

No.	Description	BY	DATE

Sheet 66 of 90



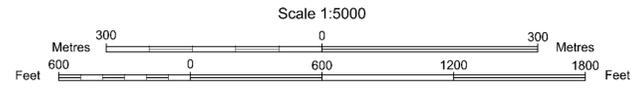
FOR DETAILED CROSS SECTION  
INFORMATION SEE SHEET 90

FOR DETAILED CROSS SECTION  
INFORMATION SEE SHEET 89

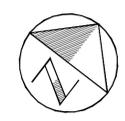
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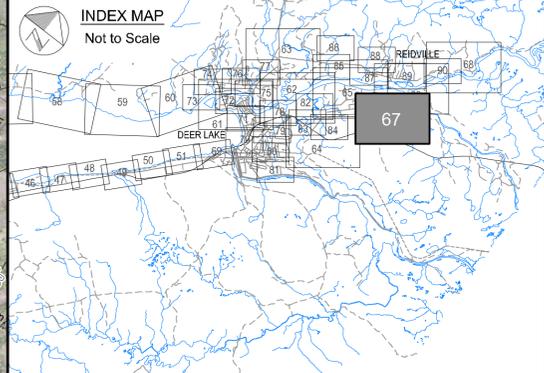


AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 2019  
CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
**Junction Brook**



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

1050.00  
Cross Section Number

Central Line  
River  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**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.

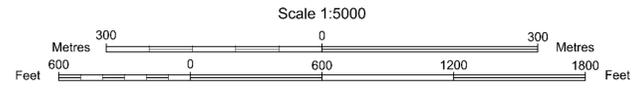
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No.	Description	BY	DATE

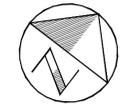


MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
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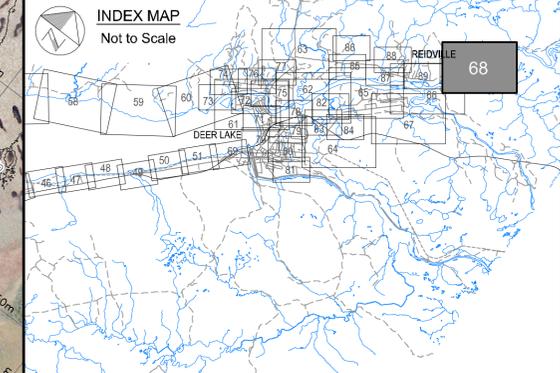
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CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)



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

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
Humber River  
Reidville Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

Cross Section Number  
River Central Line  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

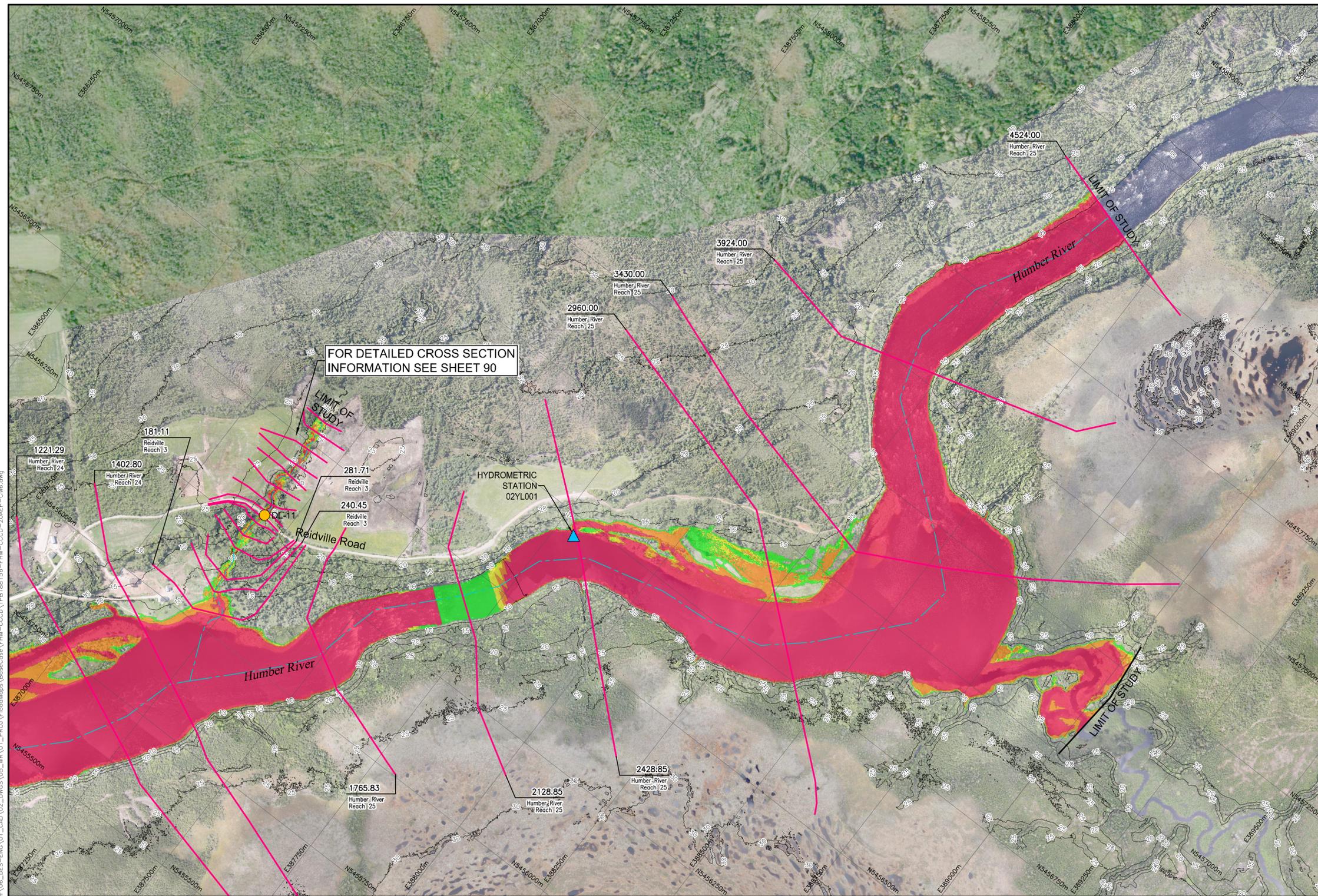


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

**REVISIONS**

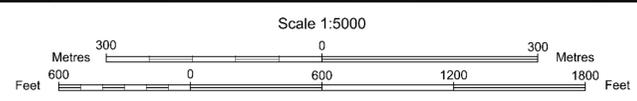
No.	Description	BY	DATE

Sheet 68 of 90

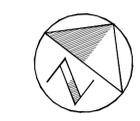


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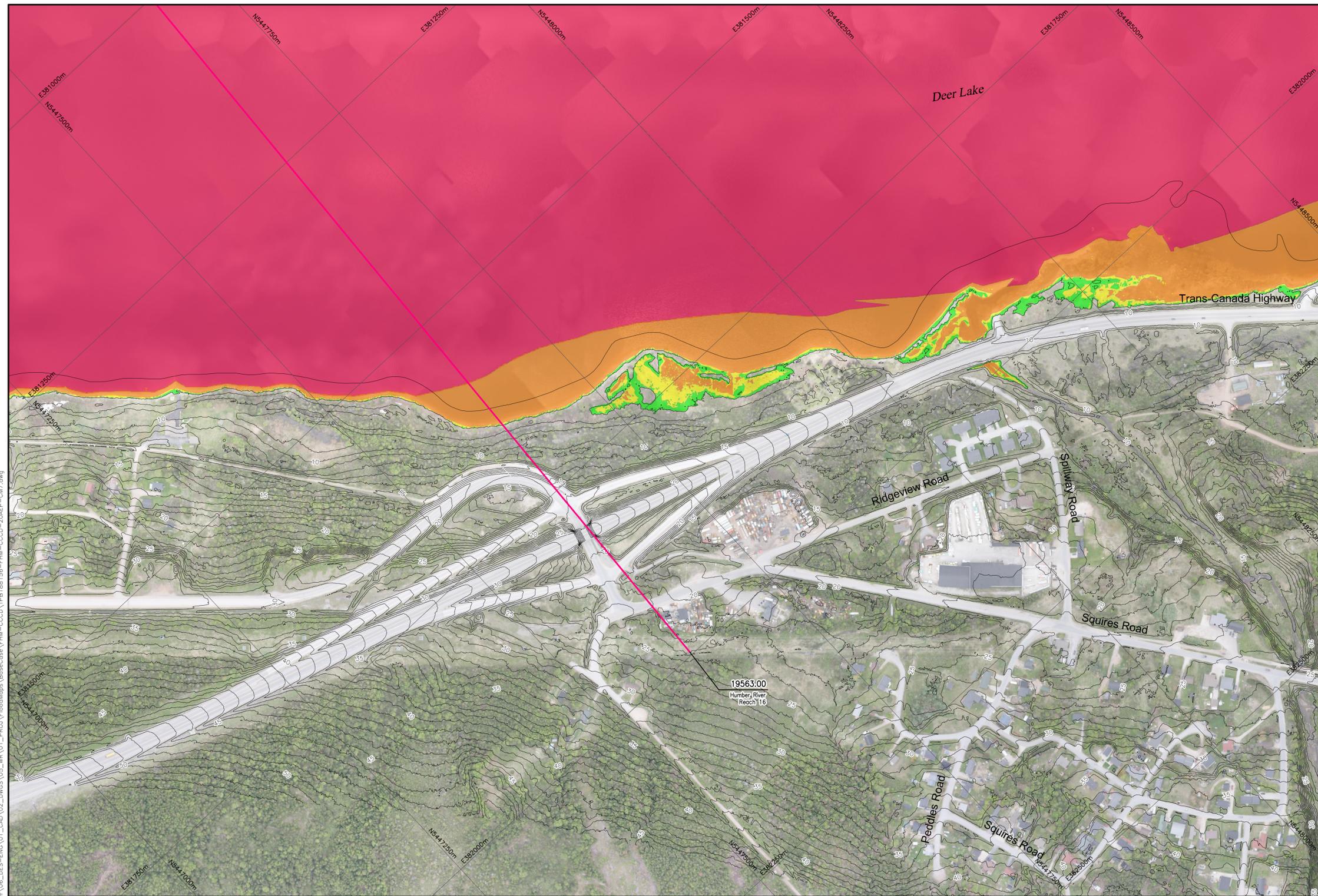
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AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 2019  
CONTOUR INTERVAL: 5.0 METRES (DATUM CGVD-2013)

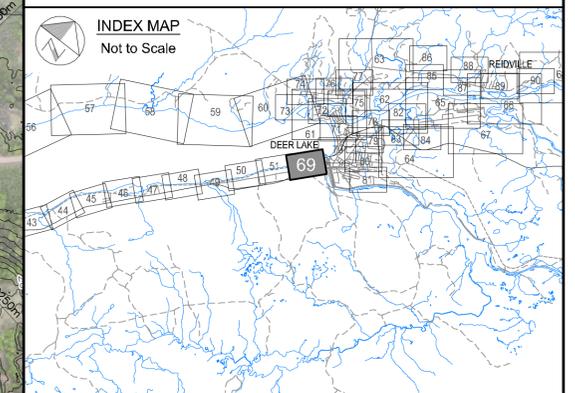


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**Climate Change  
Flood Risk Map Study  
Humber River Communities**

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
**Deer Lake**



**Cross Section Label**

1050.00  
Humber River  
Reach 4  
River/Reach  
Identification

Cross Section  
Number

River  
Central Line

Cross Section  
Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**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.

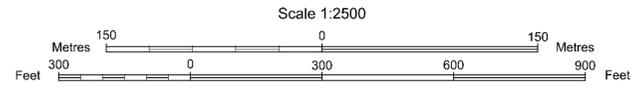
REVISIONS

No.	Description	BY	DATE

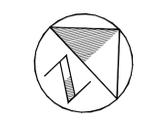
Sheet 69 of 90

MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
SIZE 22"X34" PLOT ONLY



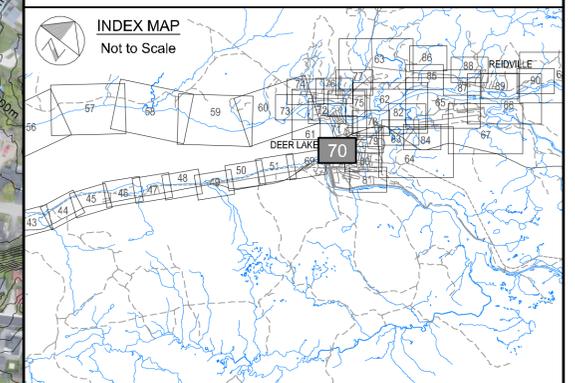
AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 9th-14th 2019  
CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Deer Lake



**Cross Section Label**

1050.00  
Humber River  
Reach 4

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

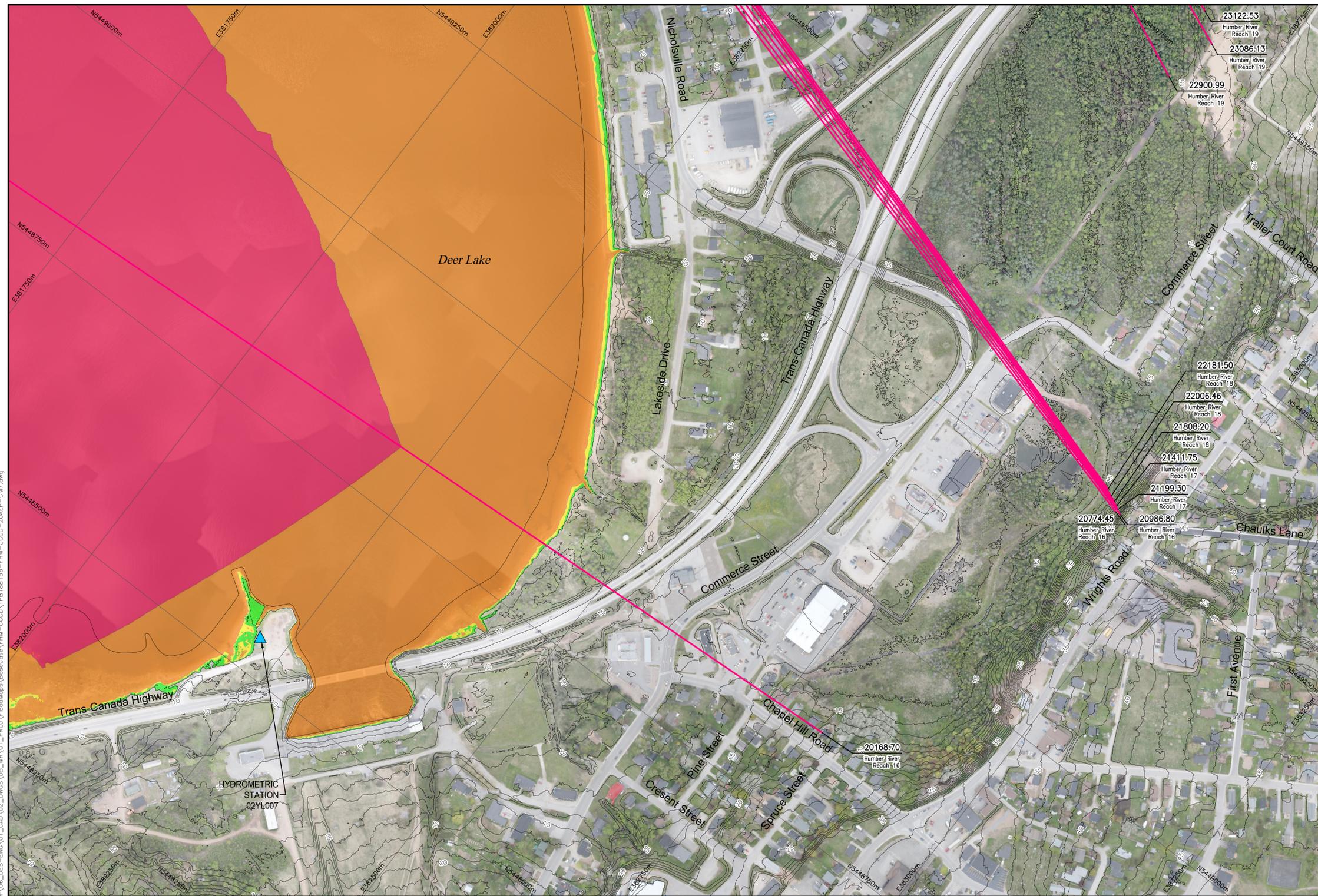


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

REVISIONS

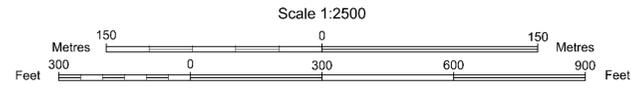
No.	Description	BY	DATE

Sheet 70 of 90

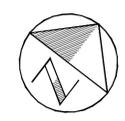


MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
SIZE 22"X34" PLOT ONLY



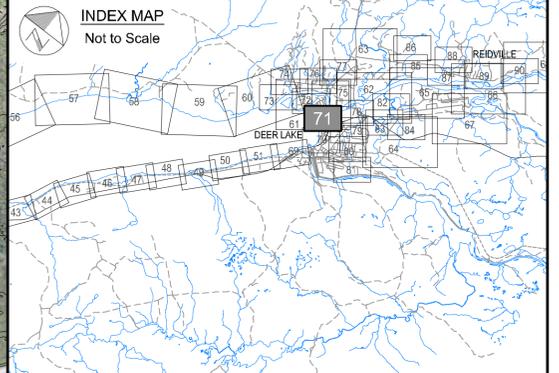
AERIAL PHOTOGRAPHY BY MOSAIC3D, JUNE 9th-14th 2019  
CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
Humber River  
Deer Lake



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

1050.00  
Cross Section Number

Central Line  
River  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

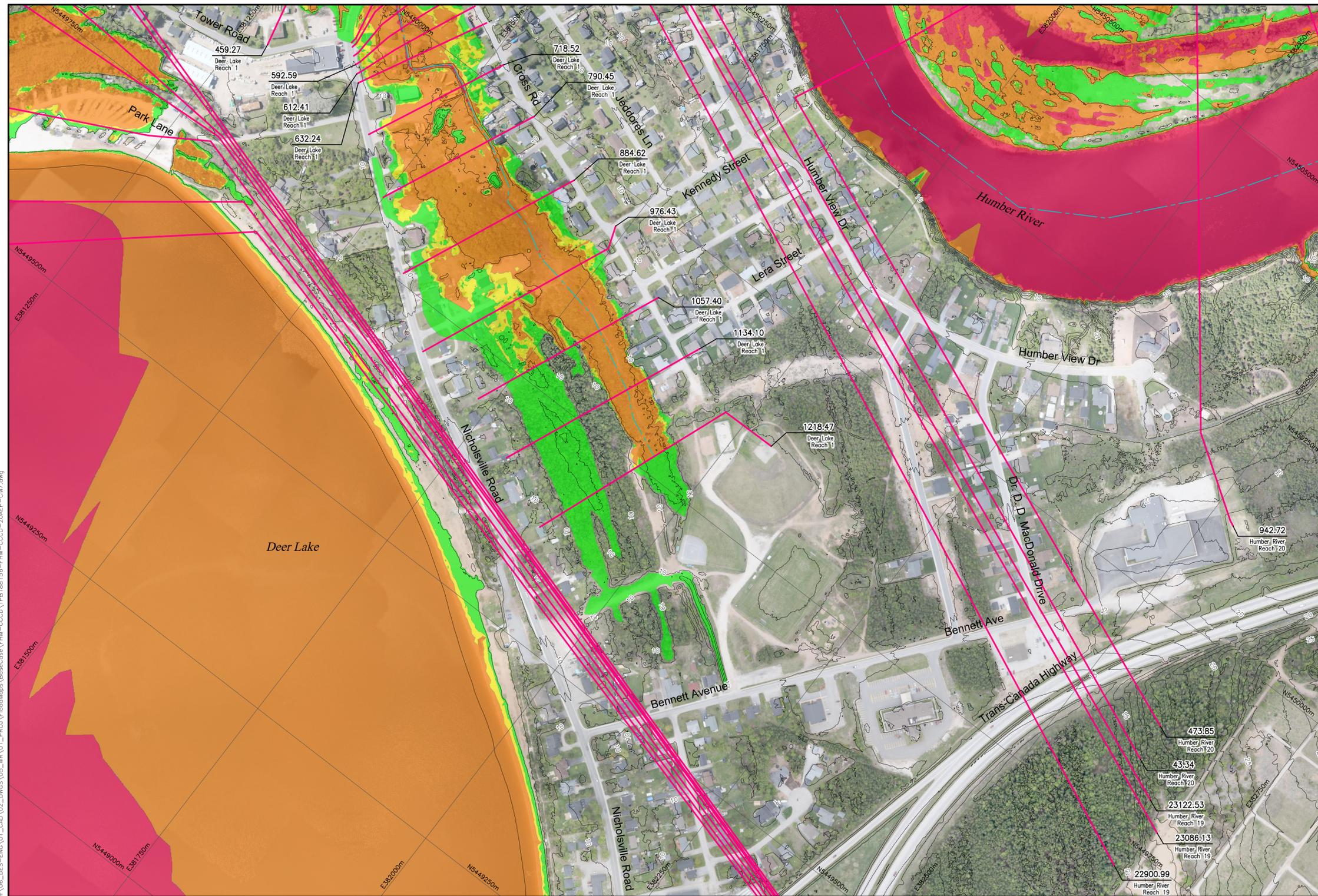


Please note that the Professional Engineer's stamp verifies the flood line and associated data, not the map unless otherwise noted.

**REVISIONS**

No.	Description	BY	DATE

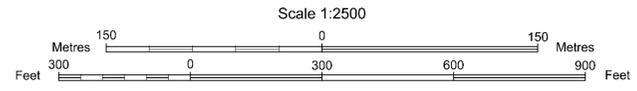
**Sheet 71 of 90**



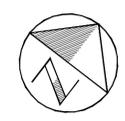
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MTMNAD83  
ZONE 3

SCALE VALID FOR FULL  
SIZE 22"x34" PLOT ONLY

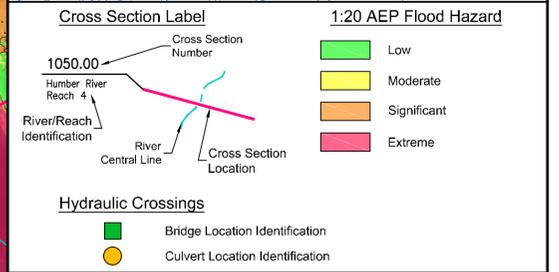
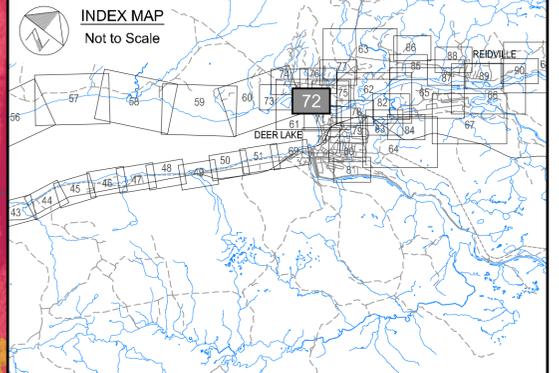


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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River  
Deer Lake



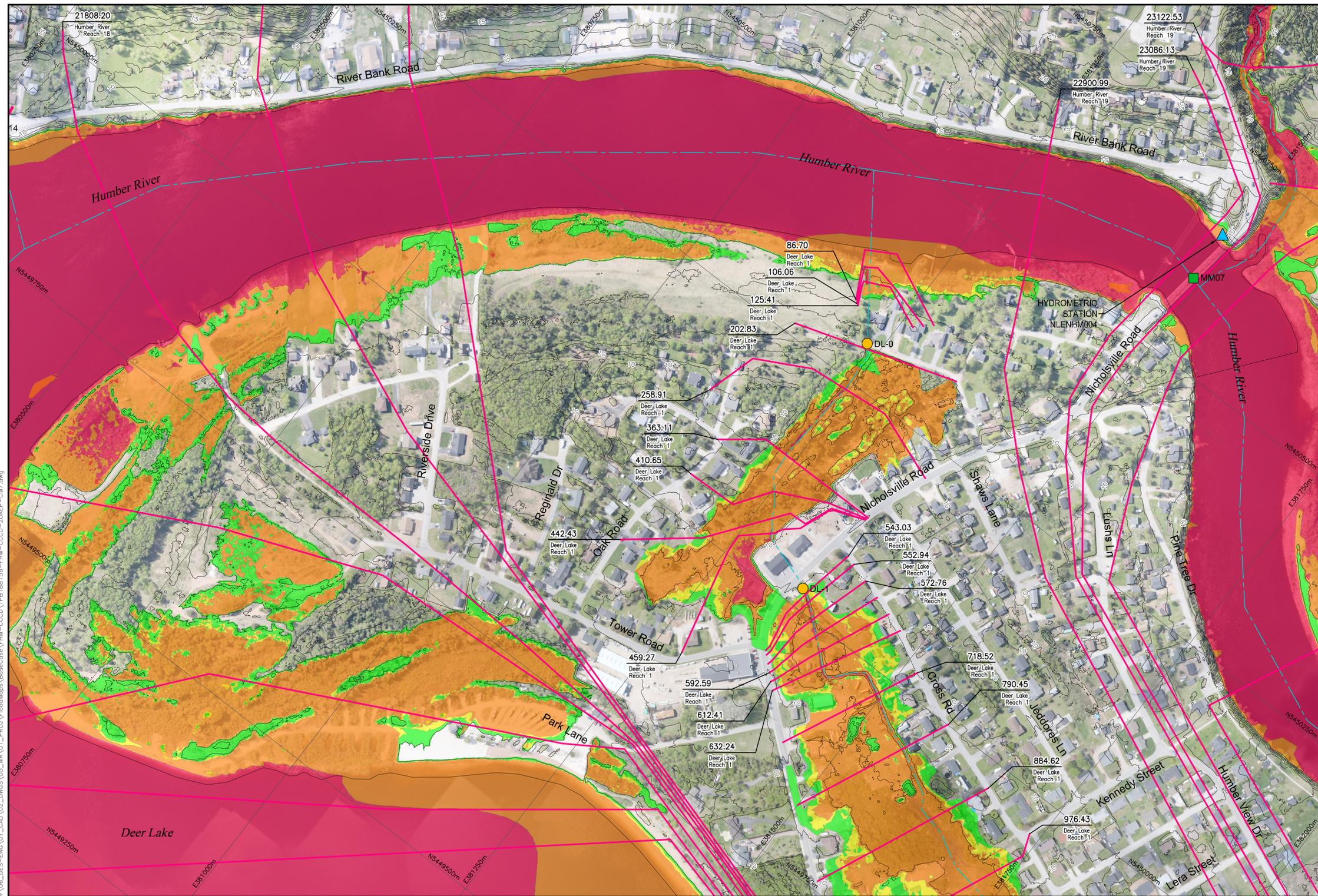
**wood.**

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

REVISIONS

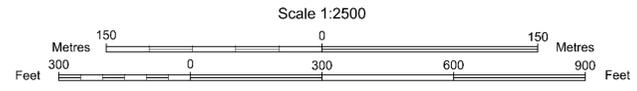
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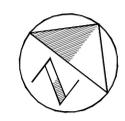


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ZONE 3

SCALE VALID FOR FULL  
SIZE 22"x34" PLOT ONLY



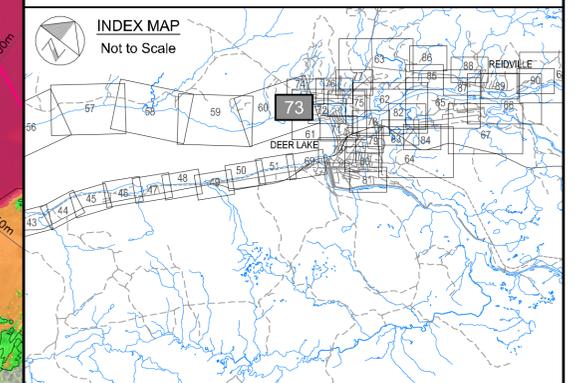
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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River  
Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

1050.00  
Cross Section Number

River Central Line  
River/Reach Identification  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

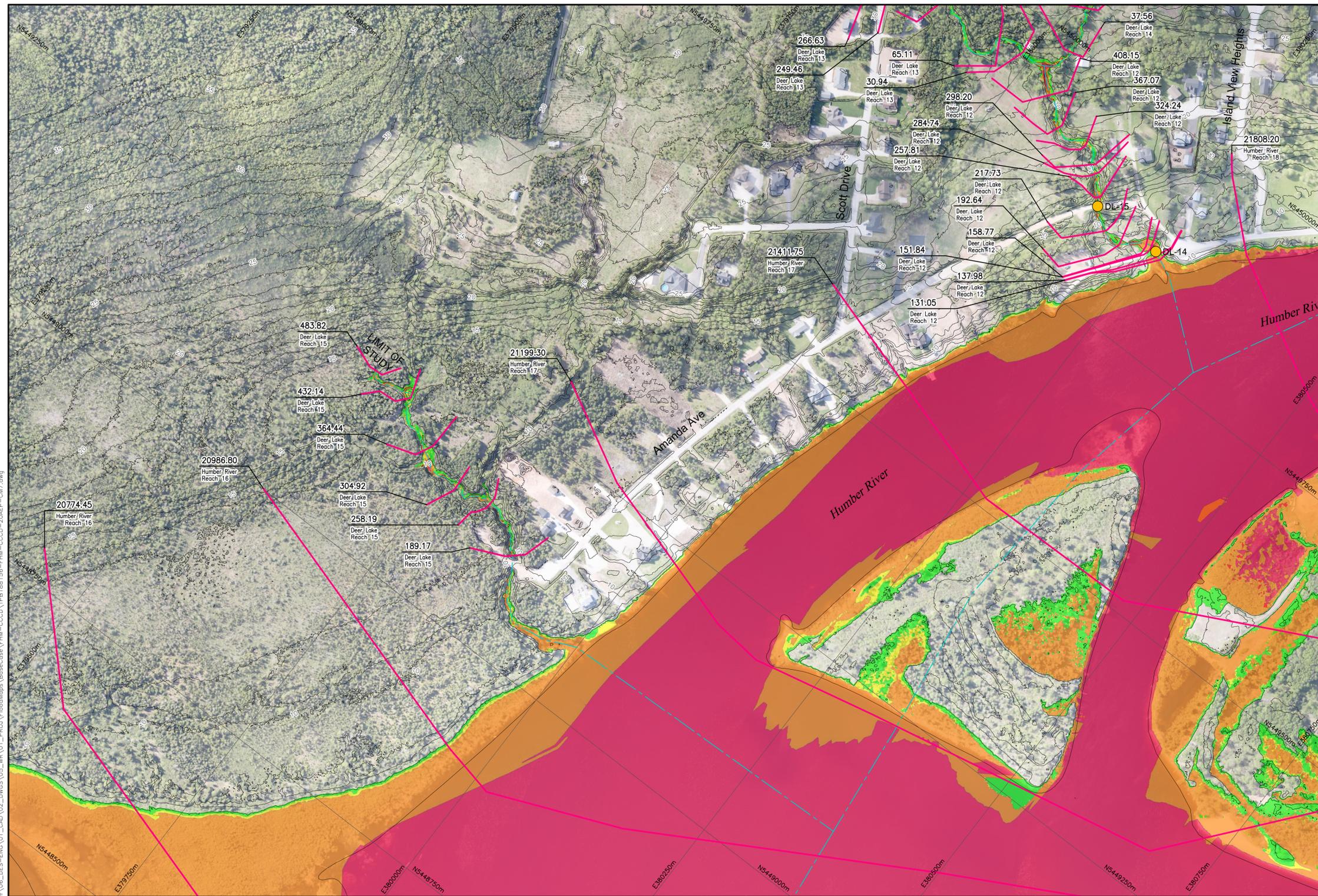


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REVISIONS

No.	Description	BY	DATE

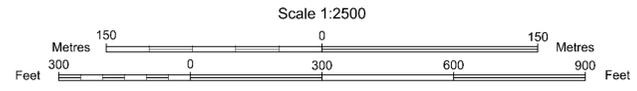
Sheet 73 of 90



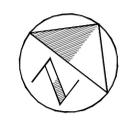
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ZONE 3

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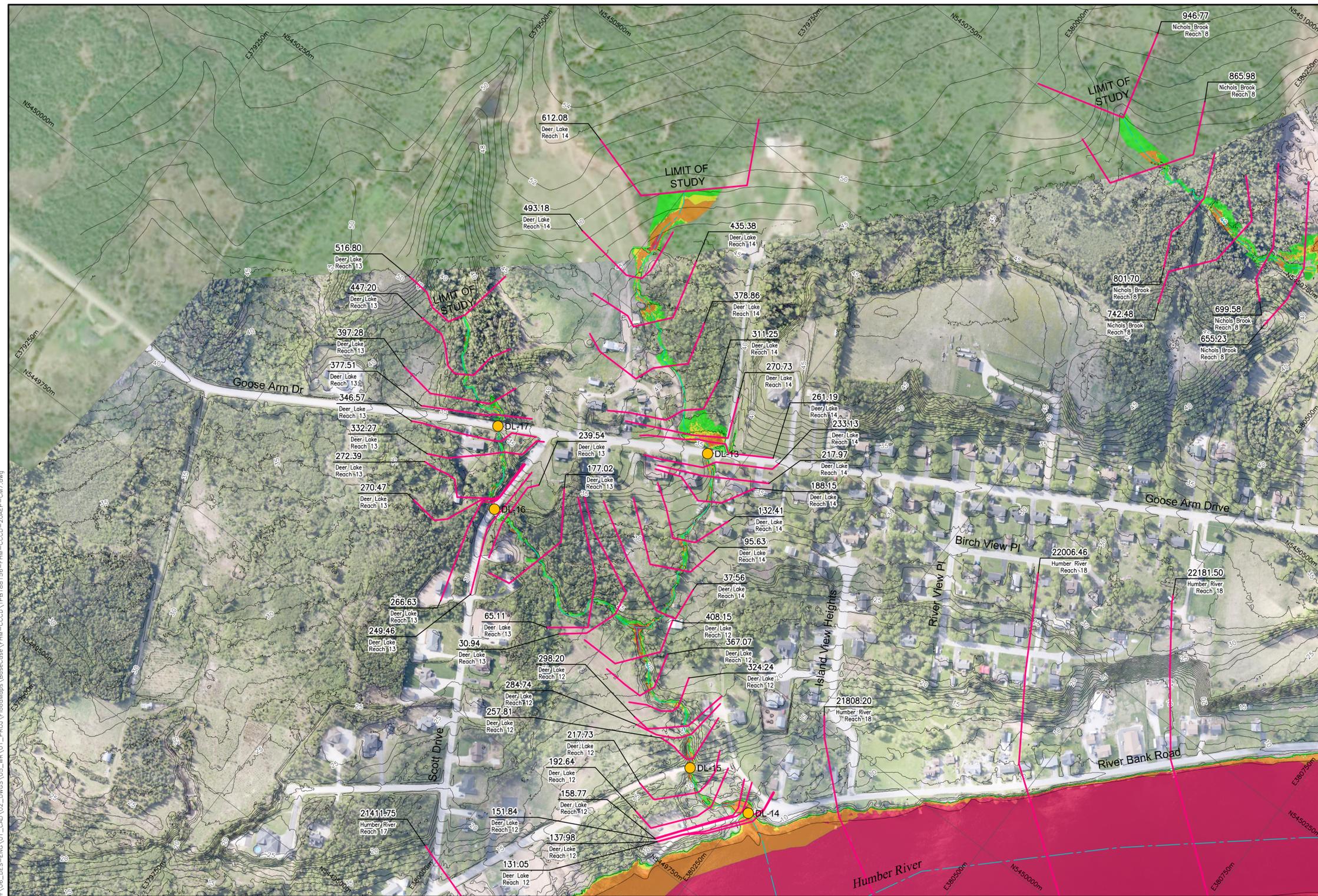
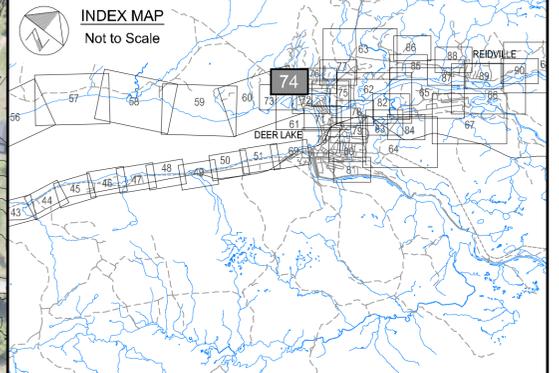


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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River  
Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

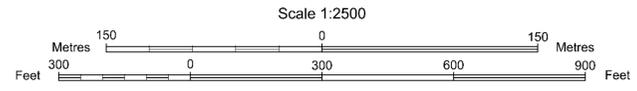


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No.	Description	BY	DATE

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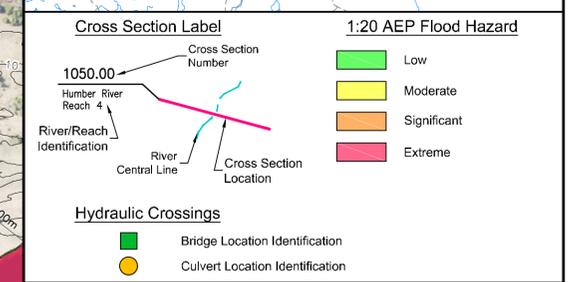
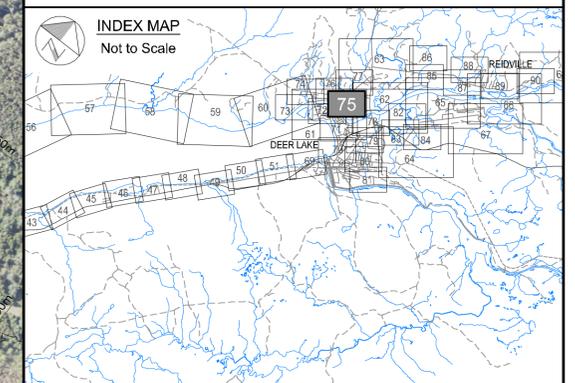


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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River  
Nichols Brook



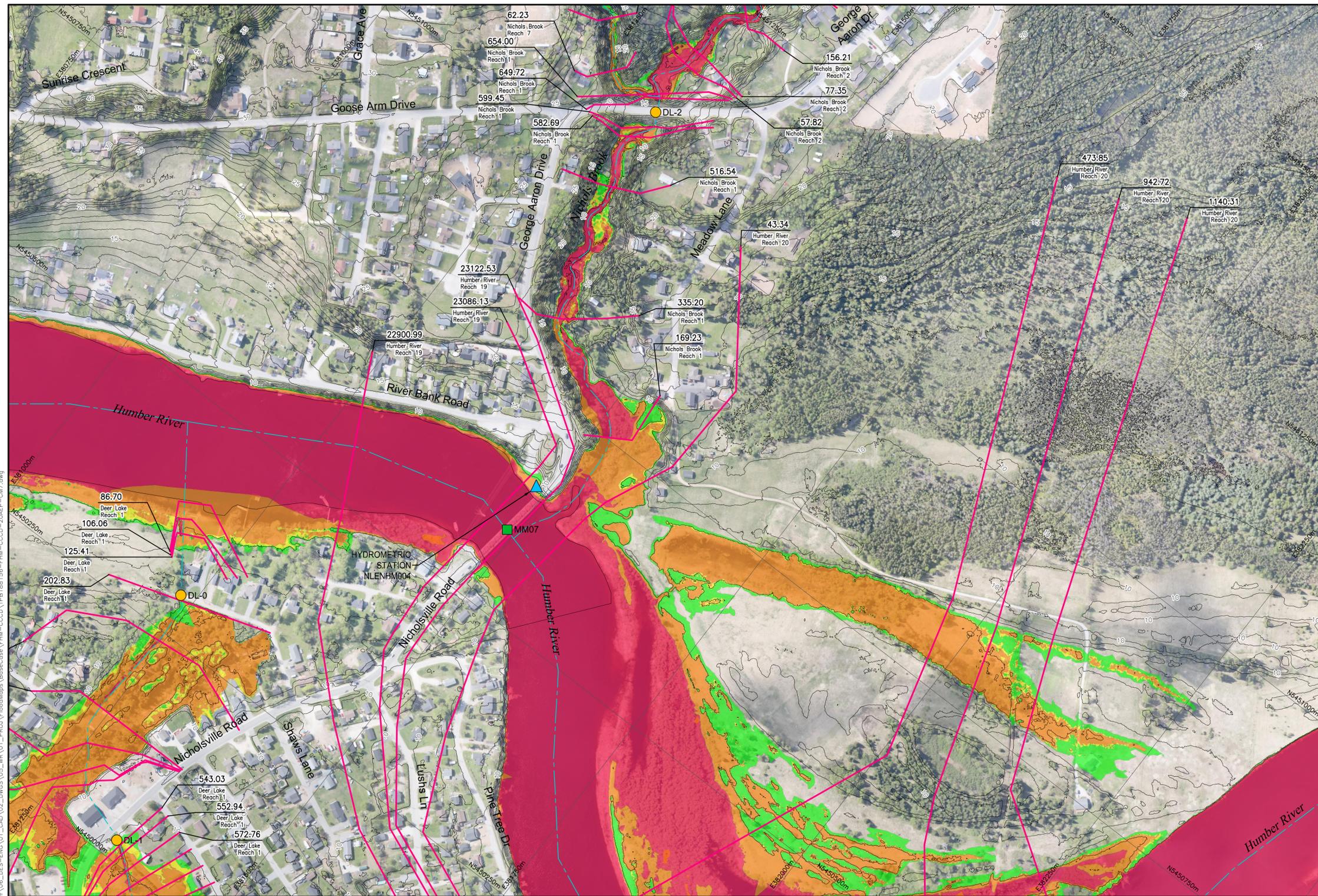
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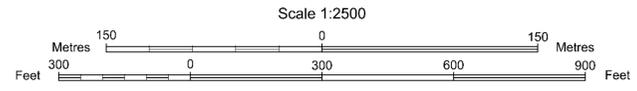
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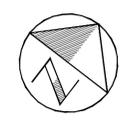


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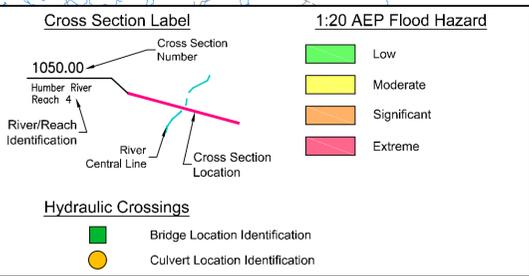
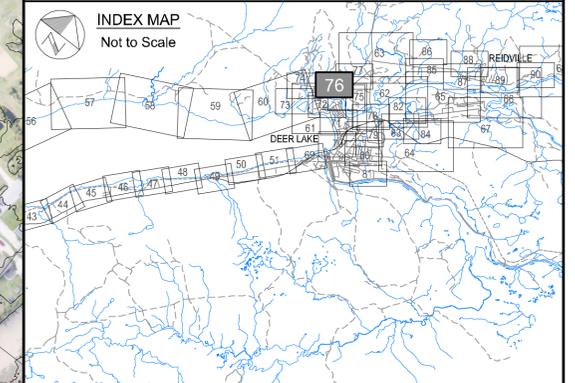


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**Climate Change  
Flood Risk Map Study  
Humber River Communities**

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition

Nichols Brook

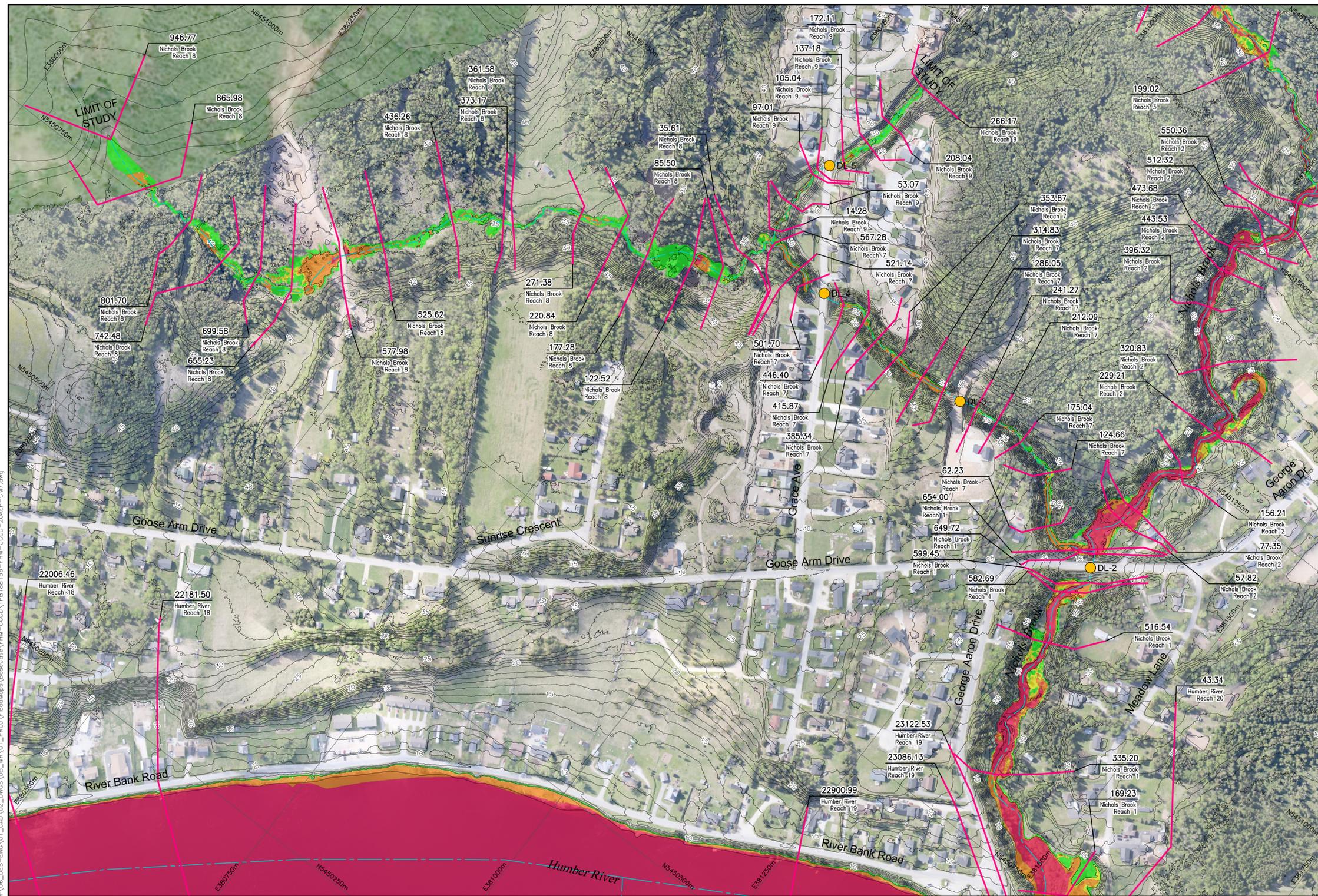


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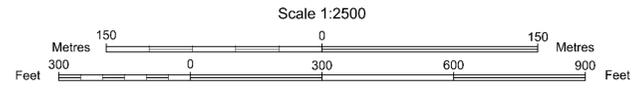
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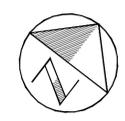
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ZONE 3

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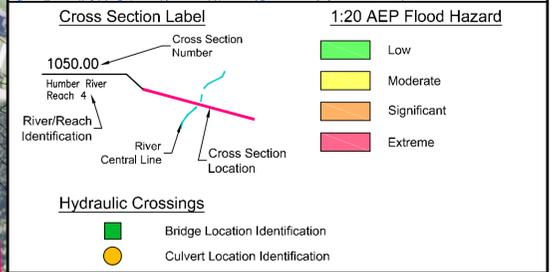
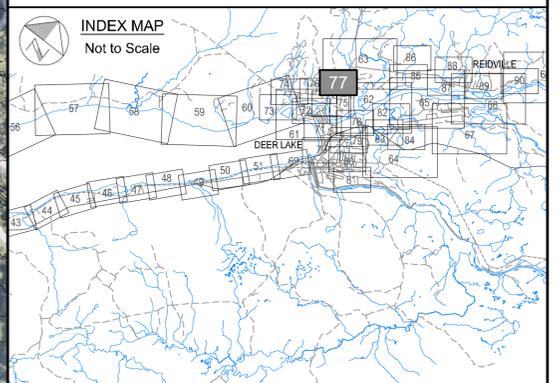


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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
**Nichols Brook**



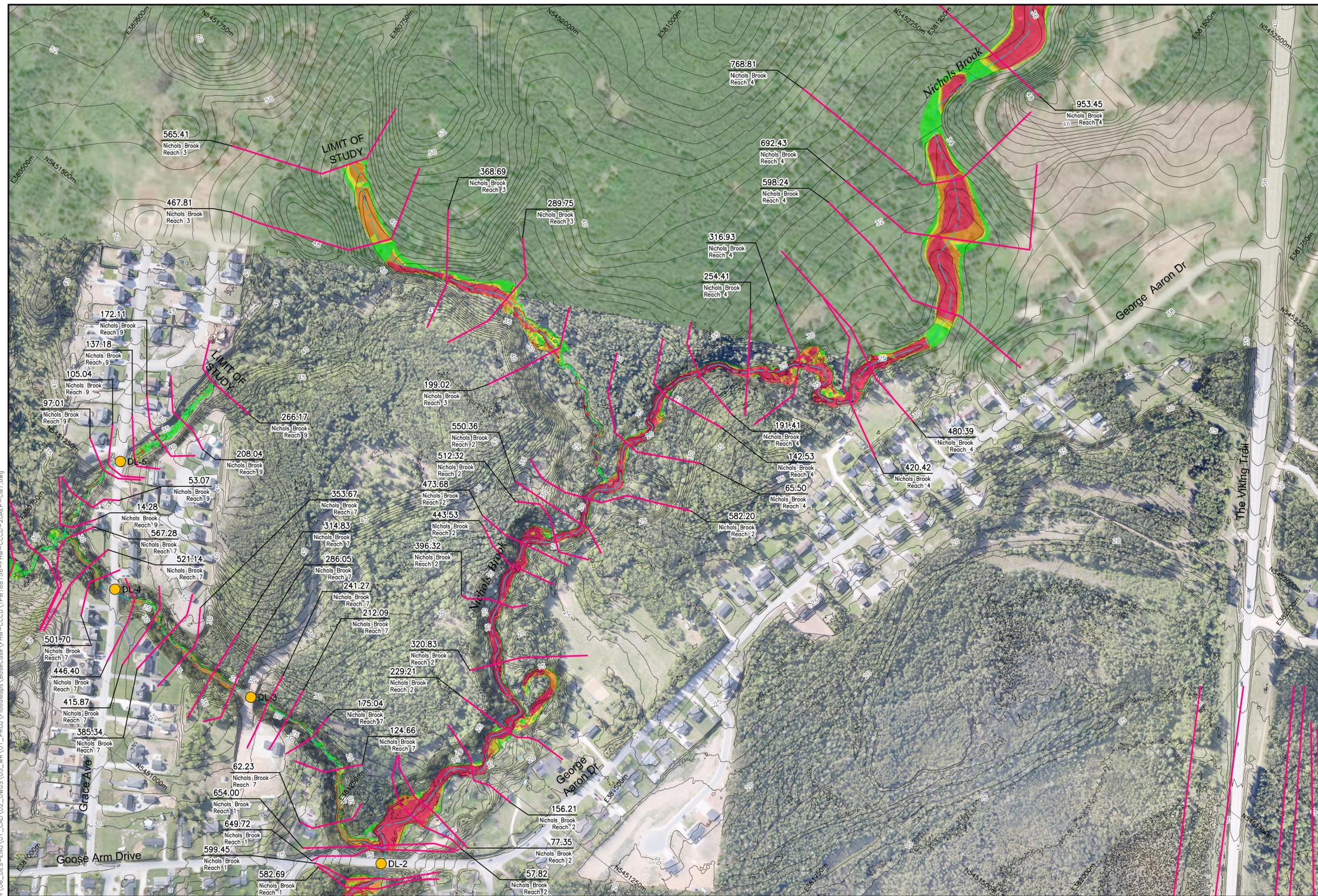
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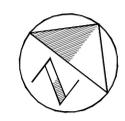
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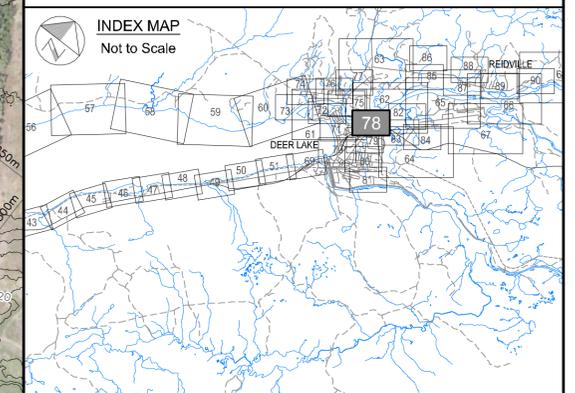
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**Climate Change  
Flood Risk Map Study  
Humber River Communities**

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Humber River  
Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

1050.00  
Cross Section Number

Central Line  
River  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification

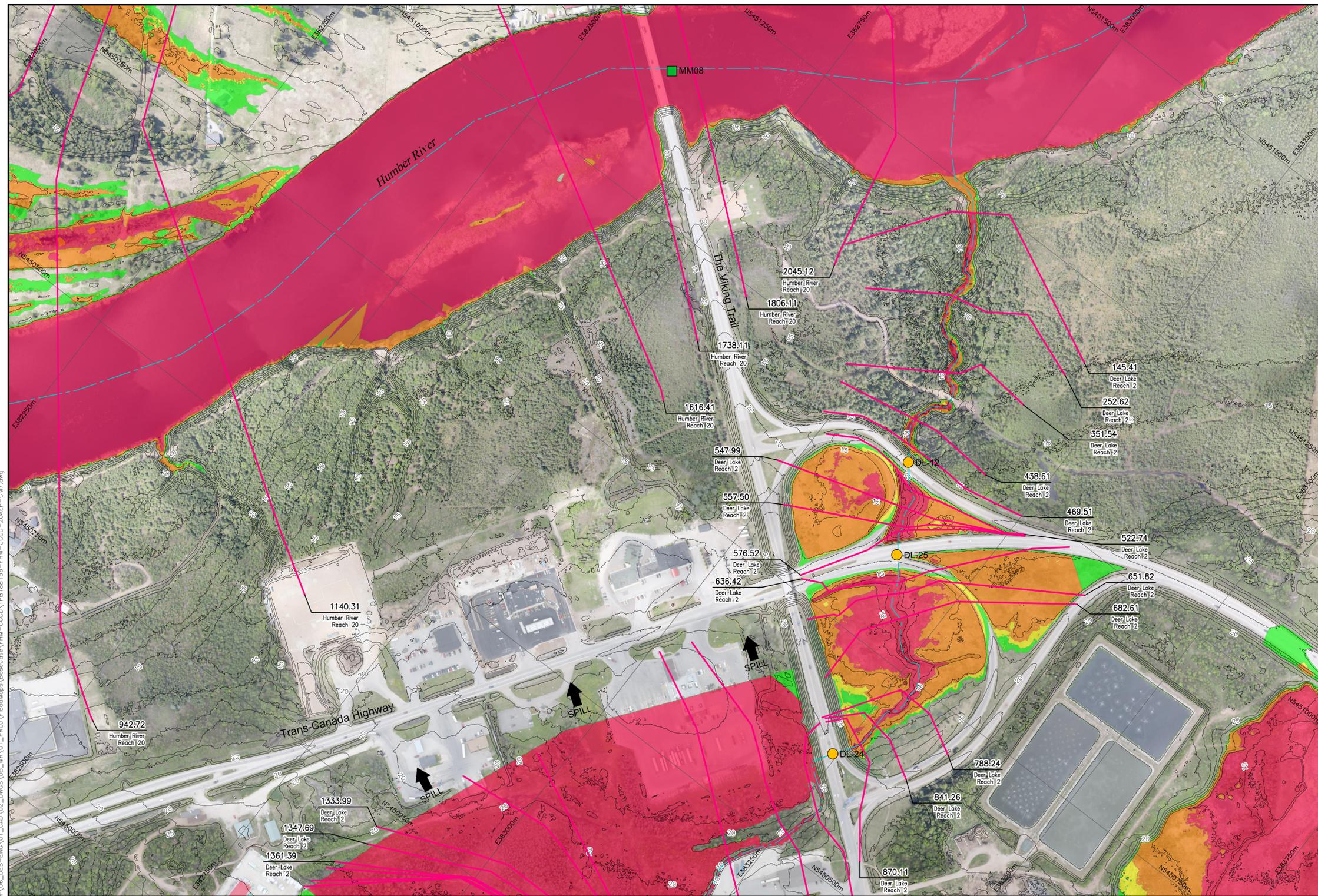
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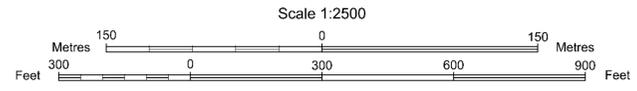
No.	Description	BY	DATE

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ZONE 3

SCALE VALID FOR FULL  
SIZE 22"x34" PLOT ONLY



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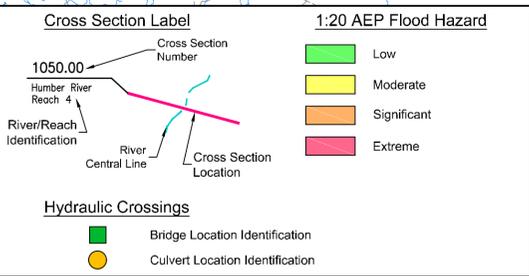
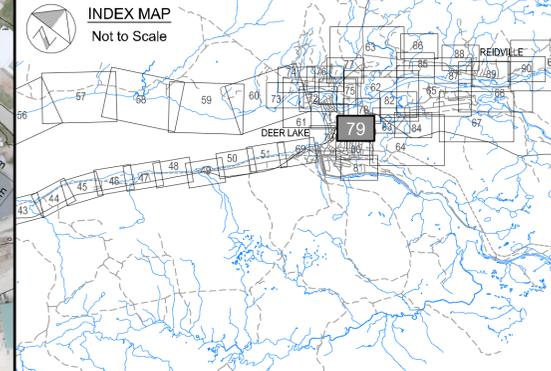
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**Climate Change  
Flood Risk Map Study  
Humber River Communities**

1:20 AEP Flood Hazard Mapping

Current Climate and  
Current Development Condition

Humber River  
Deer Lake Watercourses



**wood.**

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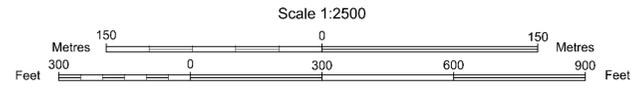
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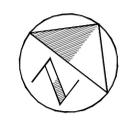


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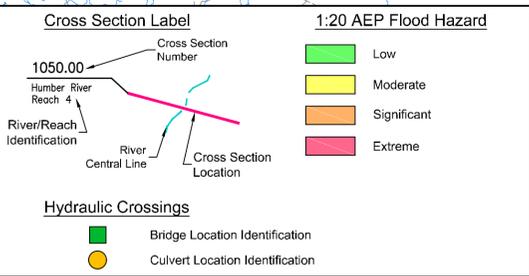
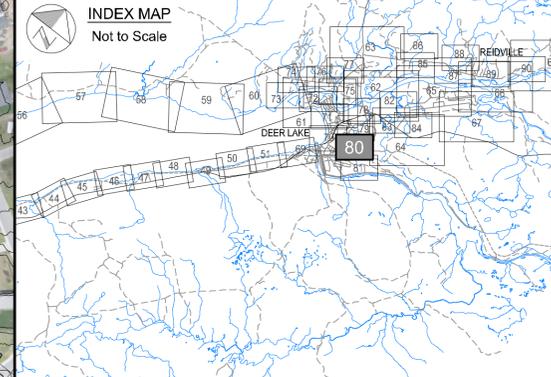
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CONTOUR INTERVAL: 1.0 METRE (DATUM CGVD-2013)



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## Climate Change Flood Risk Map Study Humber River Communities

1:20 AEP Flood Hazard Mapping  
Current Climate and  
Current Development Condition  
Deer Lake Watercourses

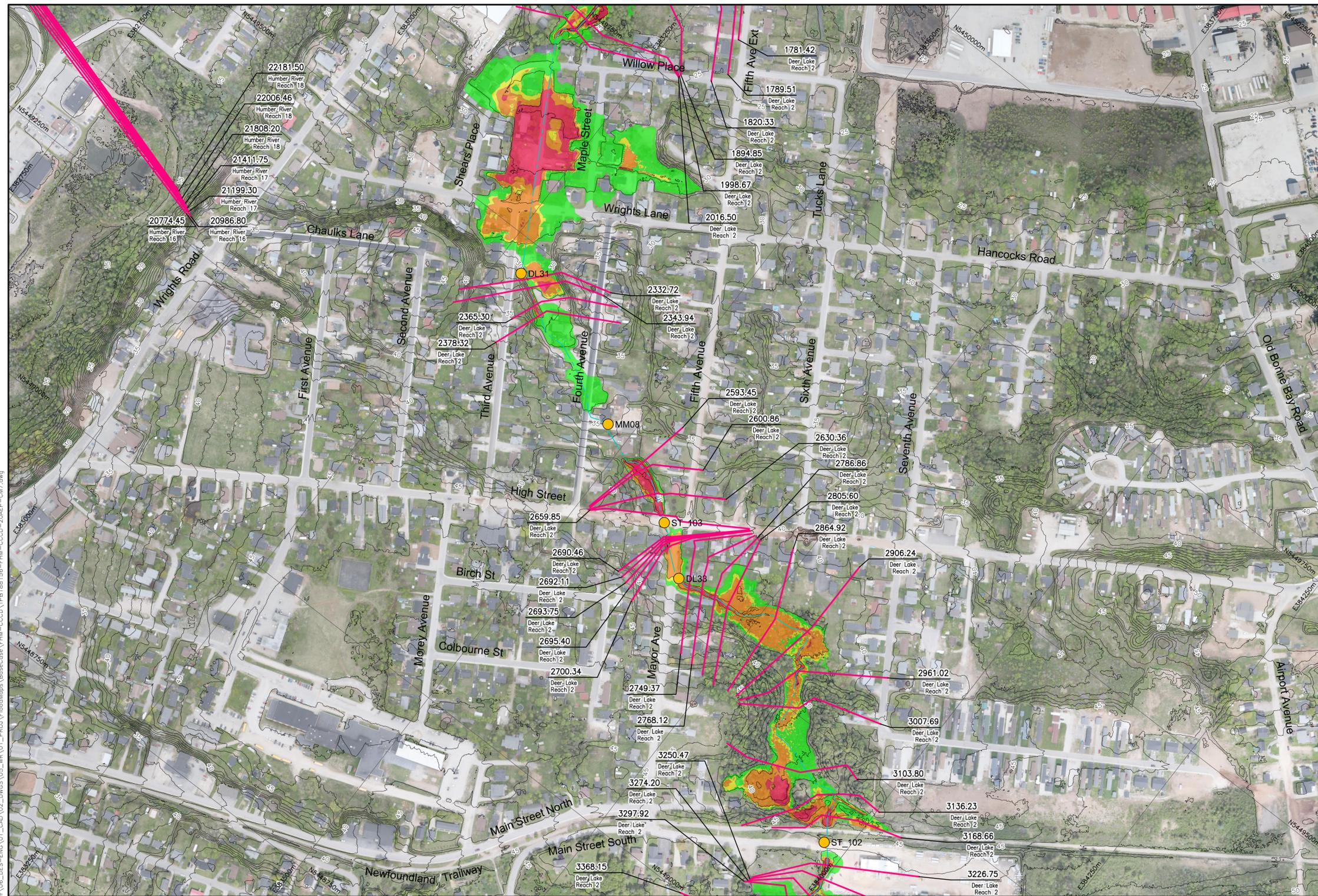


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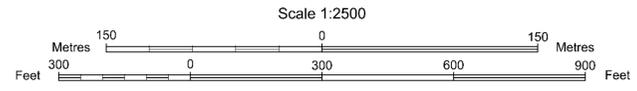
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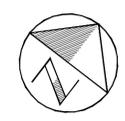


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ZONE 3

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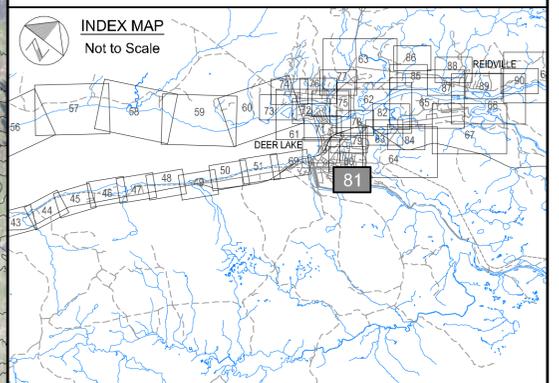


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**Climate Change  
Flood Risk Map Study  
Humber River Communities**

**1:20 AEP Flood Hazard Mapping**  
Current Climate and  
Current Development Condition  
Deer Lake Watercourses



**Cross Section Label**

1050.00  
Humber River Reach 4  
River/Reach Identification

Cross Section Number  
River Central Line  
Cross Section Location

**1:20 AEP Flood Hazard**

- Low
- Moderate
- Significant
- Extreme

**Hydraulic Crossings**

- Bridge Location Identification
- Culvert Location Identification



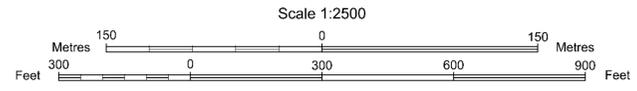
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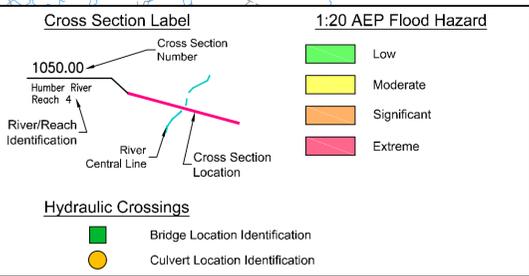
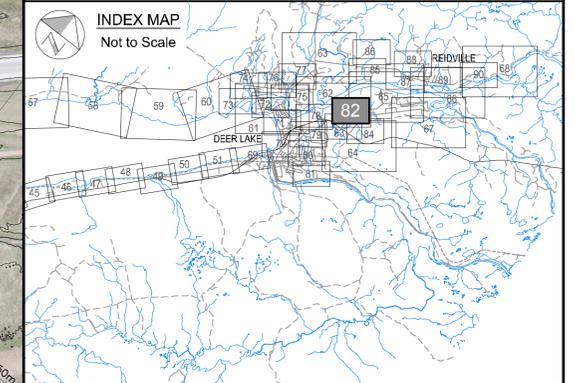
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## Climate Change Flood Risk Map Study Humber River Communities

1:20 AEP Flood Hazard Mapping

Current Climate and  
Current Development Condition

Humber River  
Deer Lake Watercourses

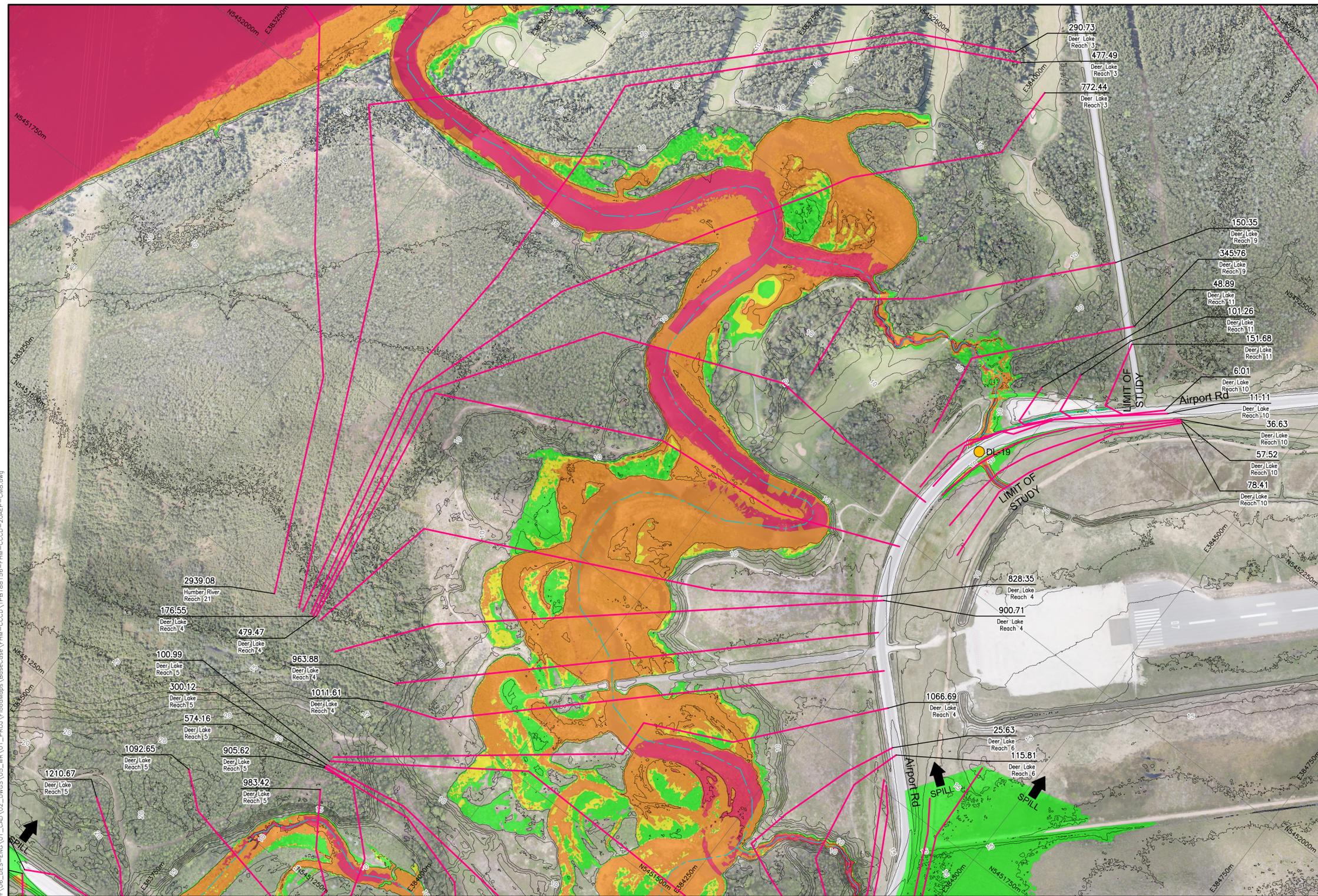


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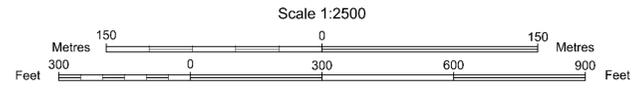
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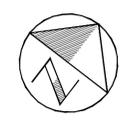


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ZONE 3

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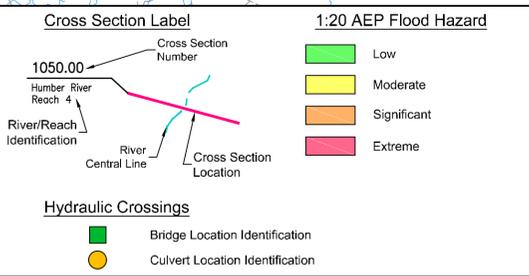
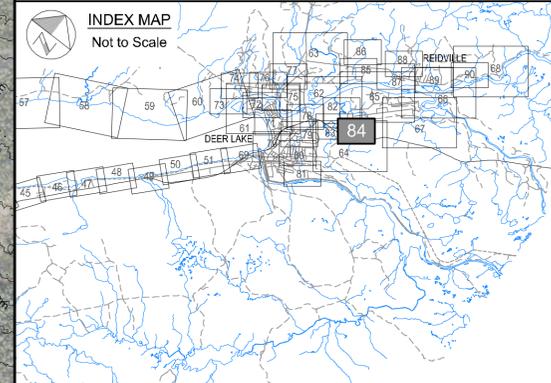


## Climate Change Flood Risk Map Study Humber River Communities

1:20 AEP Flood Hazard Mapping

Current Climate and  
Current Development Condition

Deer Lake Watercourses

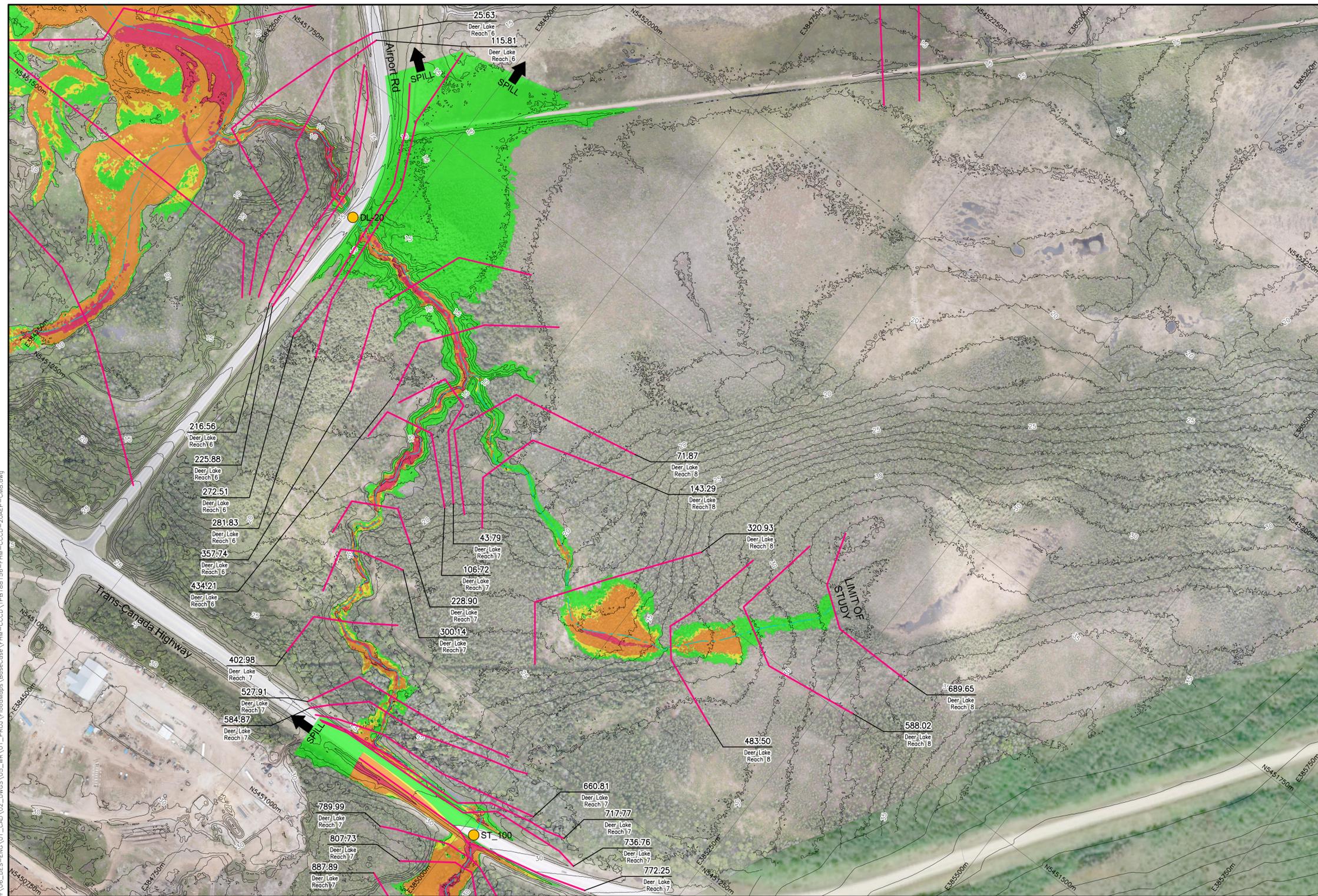


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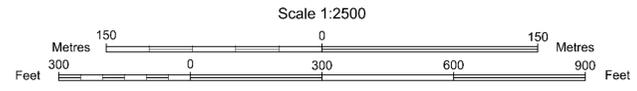
No.	Description	BY	DATE

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ZONE 3

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