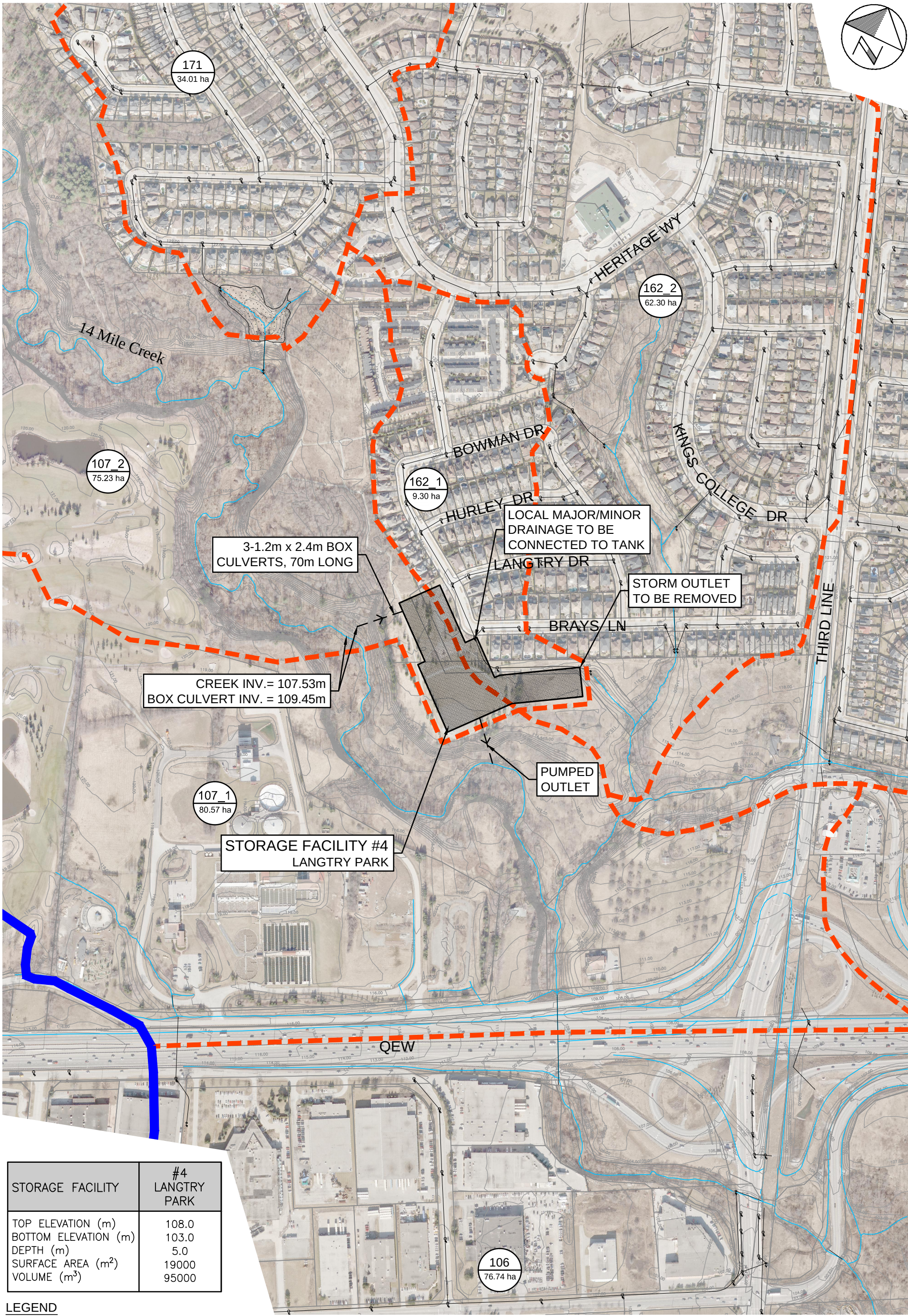




| STORAGE FACILITY               | #4<br>LANGTRY PARK |
|--------------------------------|--------------------|
| TOP ELEVATION (m)              | 108.0              |
| BOTTOM ELEVATION (m)           | 103.0              |
| DEPTH (m)                      | 5.0                |
| SURFACE AREA (m <sup>2</sup> ) | 19000              |
| VOLUME (m <sup>3</sup> )       | 95000              |

**LEGEND**

- WATERSHED BOUNDARY
- SUBCATCHMENT BOUNDARY
- SUBCATCHMENT NUMBER  
SUBCATCHMENT AREA
- STORM SEWER

FOURTEEN MILE CREEK  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

OFF-LINE STORAGE  
FACILITY #4



SCALE VALID ONLY FOR  
11"x17" VERSION

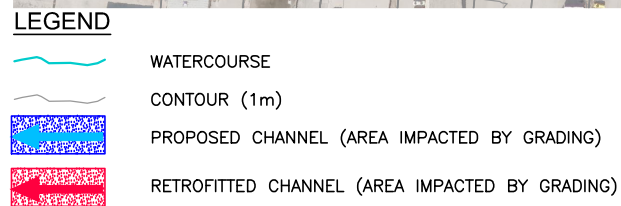
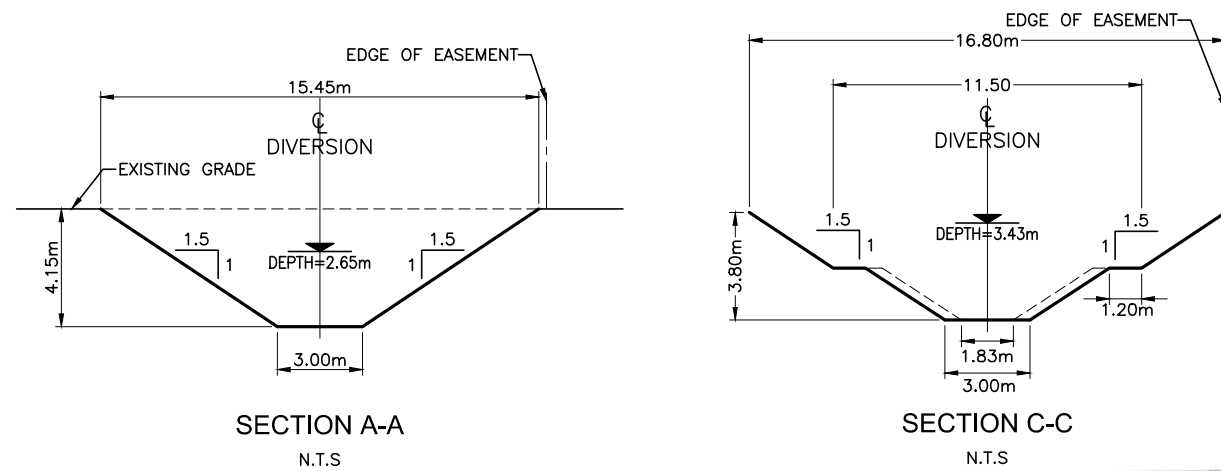
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Consultant File No.  
TP111031

Figure No.  
5



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Last Saved: 2018-06-27  
Plotted By: richard.bartolo  
Plotted: 2018-06-27



FOURTEEN MILE CREEK  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

FLOW DIVERSION CHANNEL  
(TAPLOW CREEK TO  
FOURTEEN MILE CREEK)

wood.

SCALE VALID ONLY FOR  
24"x36" VERSION

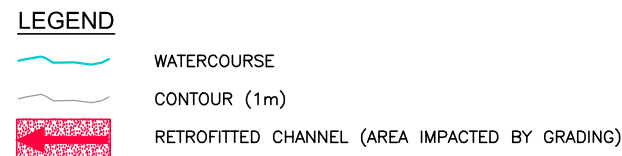
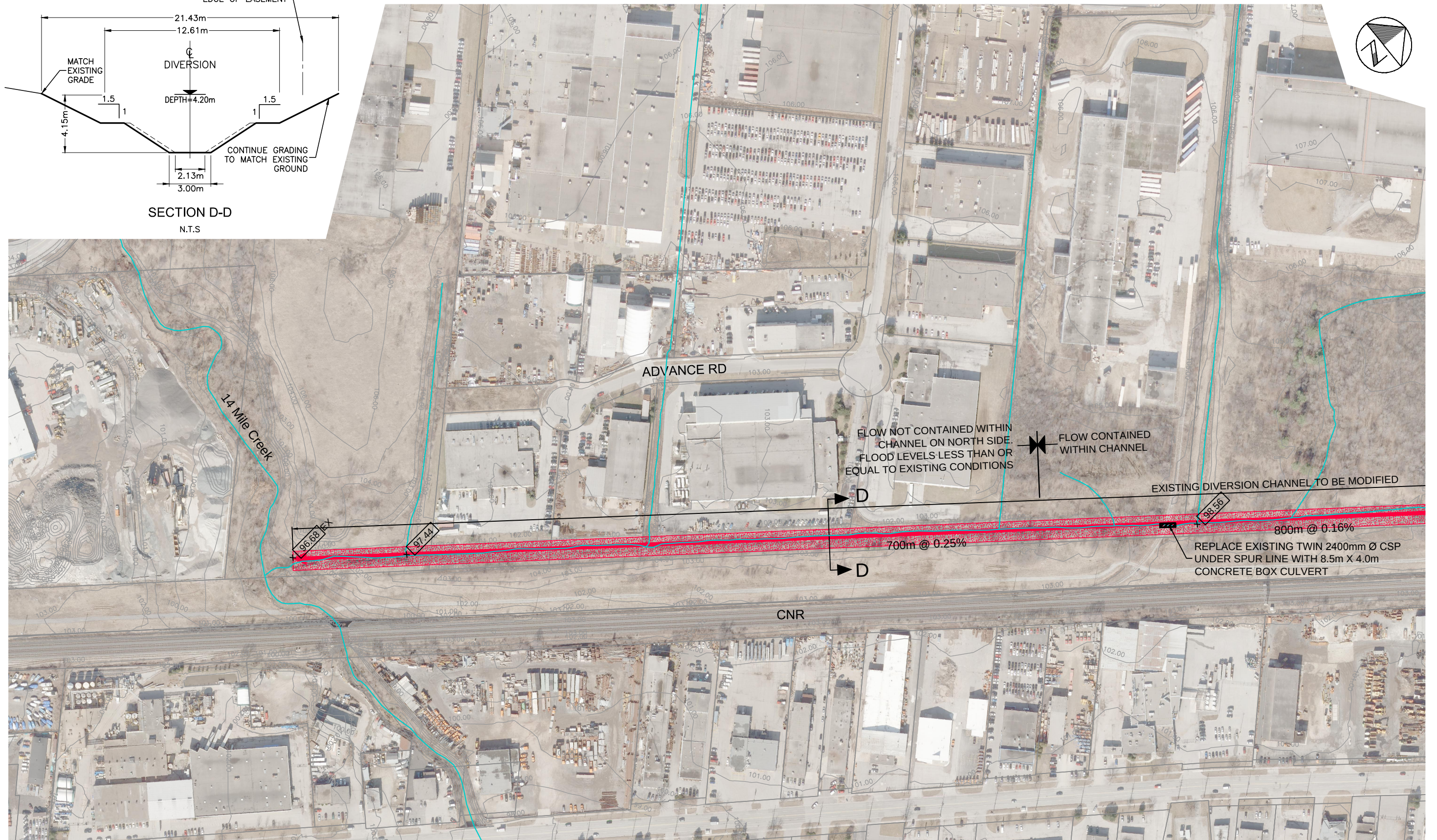
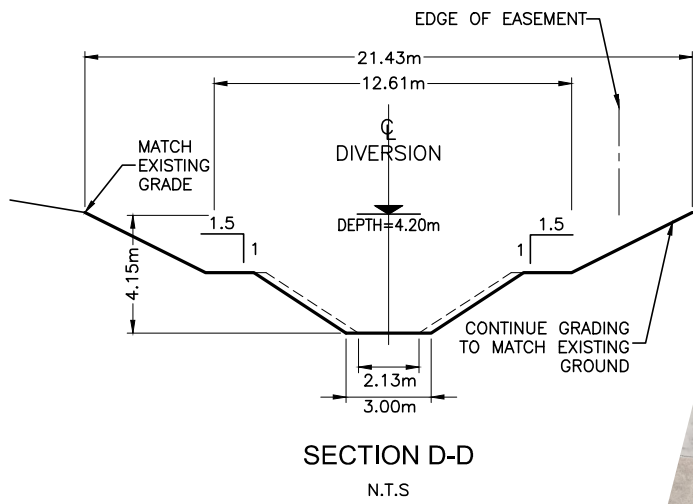
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Consultant File No.  
TP111031

Figure No.  
7



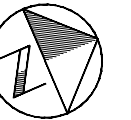
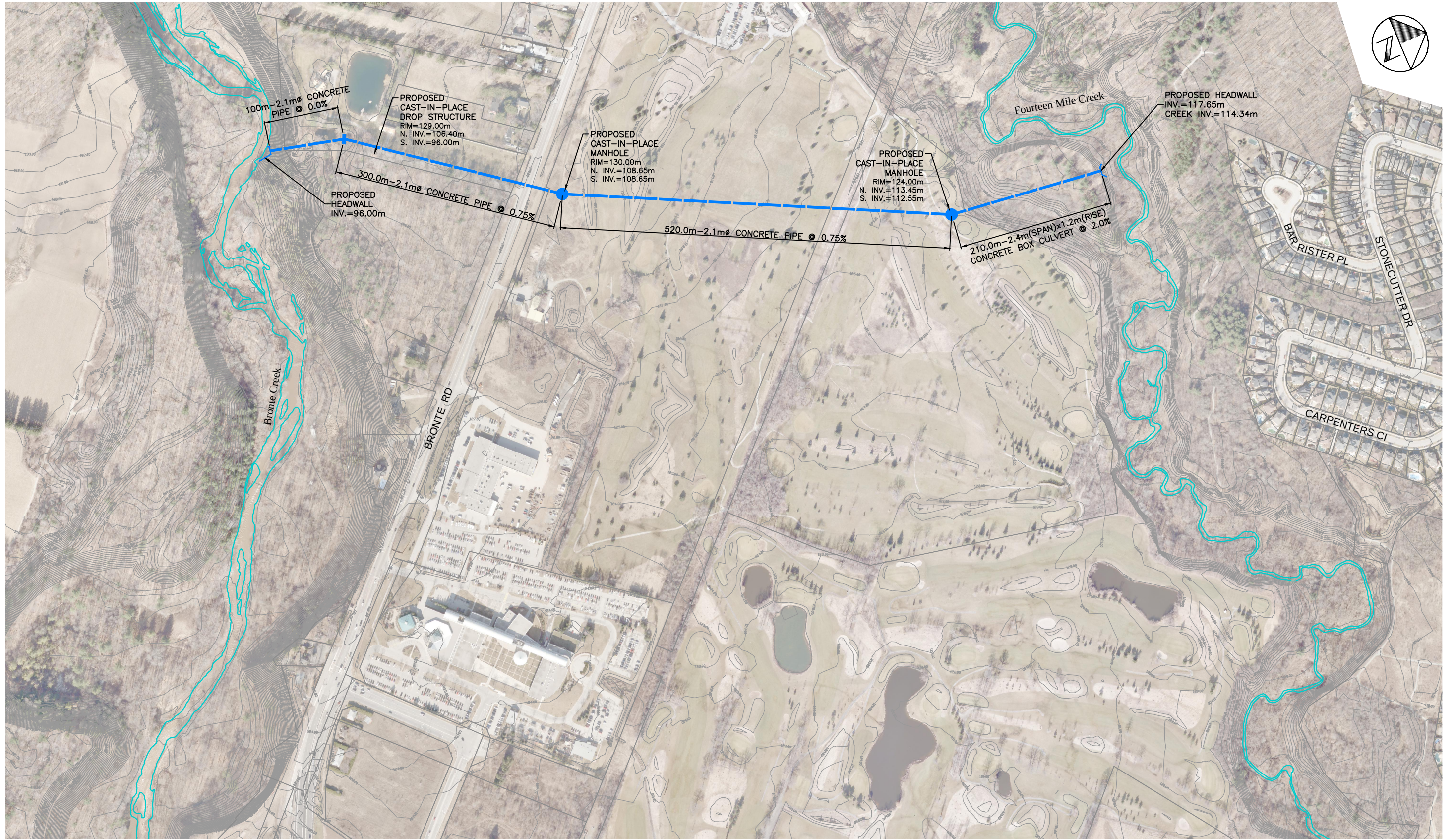
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2018-06-27  
Plotted: richard.bartolo  
Last Saved By: richard.bartolo  
2018-06-27  
Last Saved: 2018-06-27



|                                                                                                                        |                                                                             |              |                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------|-----------------------------------------|
| <b>FOURTEEN MILE CREEK<br/>McCRANEY CREEK SYSTEM<br/>FLOOD MITIGATION<br/>OPPORTUNITIES STUDY<br/>TOWN OF OAKVILLE</b> | <b>FLOW DIVERSION CHANNEL<br/>(TAPLOW CREEK TO<br/>FOURTEEN MILE CREEK)</b> | <b>wood.</b> | SCALE VALID ONLY FOR<br>24"x36" VERSION |
|                                                                                                                        |                                                                             |              | Scale 1:1500<br>0 15 30 60              |
|                                                                                                                        |                                                                             |              | Consultant File No.<br>TP111031         |
|                                                                                                                        |                                                                             |              | Figure No.<br>8                         |



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Plotted By: richard.bartolo  
Plotted: 2018-06-26  
Plotted By: richard.bartolo



**LEGEND**

- PROPERTY LINE
- WATERCOURSE
- CONTOUR (1m)

FOURTEEN MILE CREEK  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

FOURTEEN MILE CREEK  
FLOW DIVERSION

**wood.**

SCALE VALID ONLY FOR  
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Consultant File No.  
TP111031  
Figure No.  
9



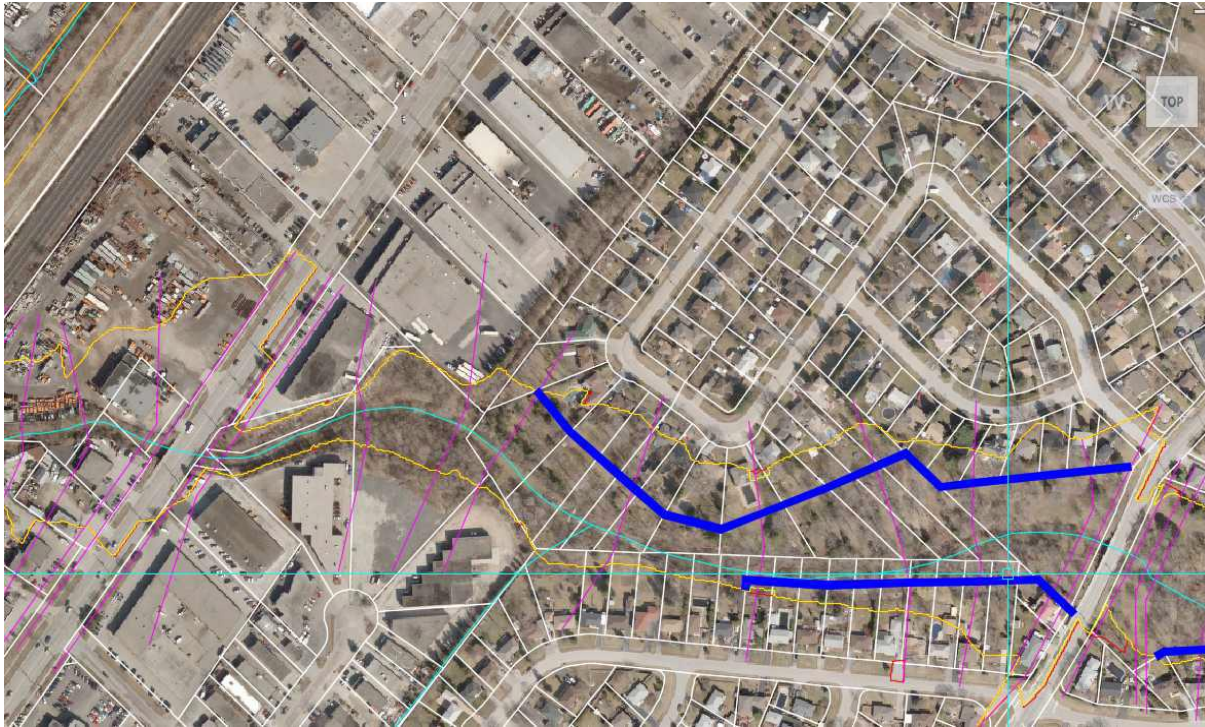


Fourteen Mile Creek – South of Bridge

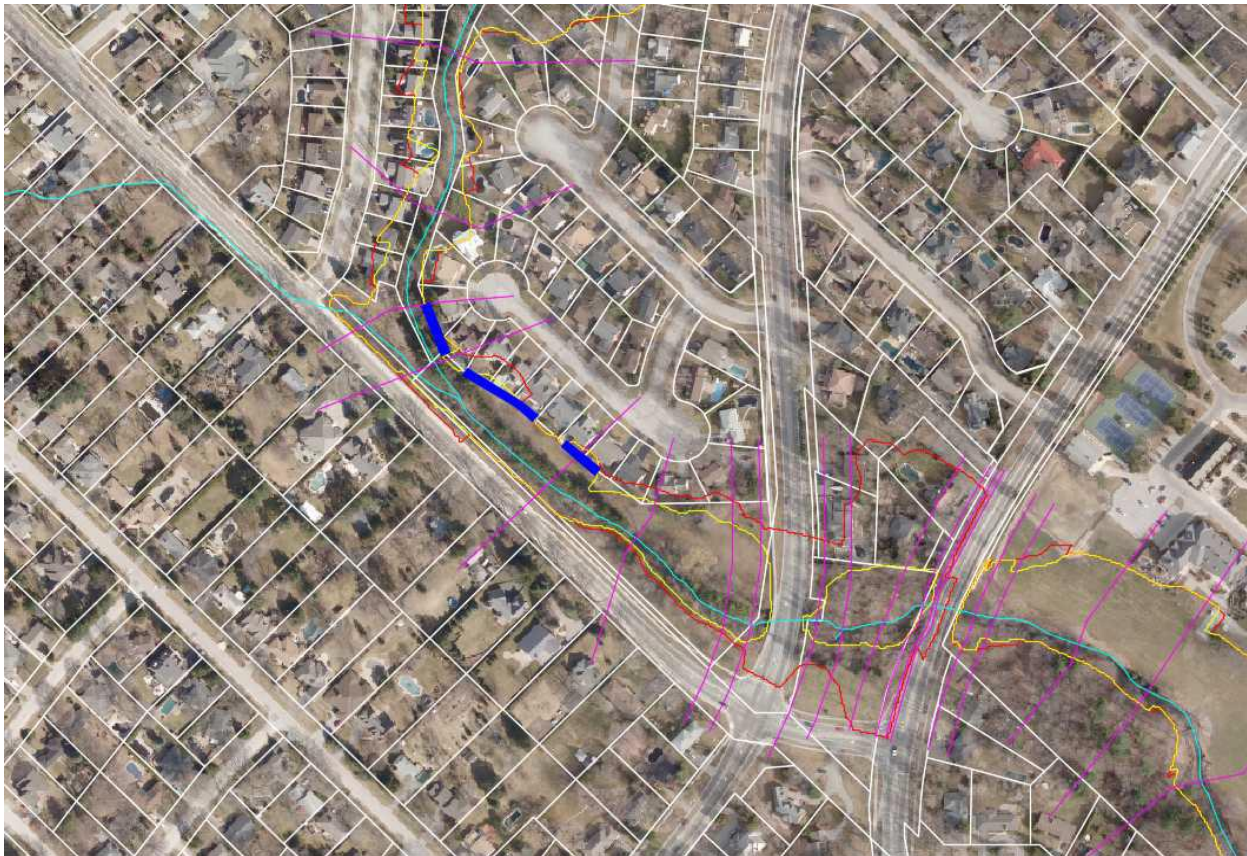


Fourteen Mile Creek – South of Rebecca Street



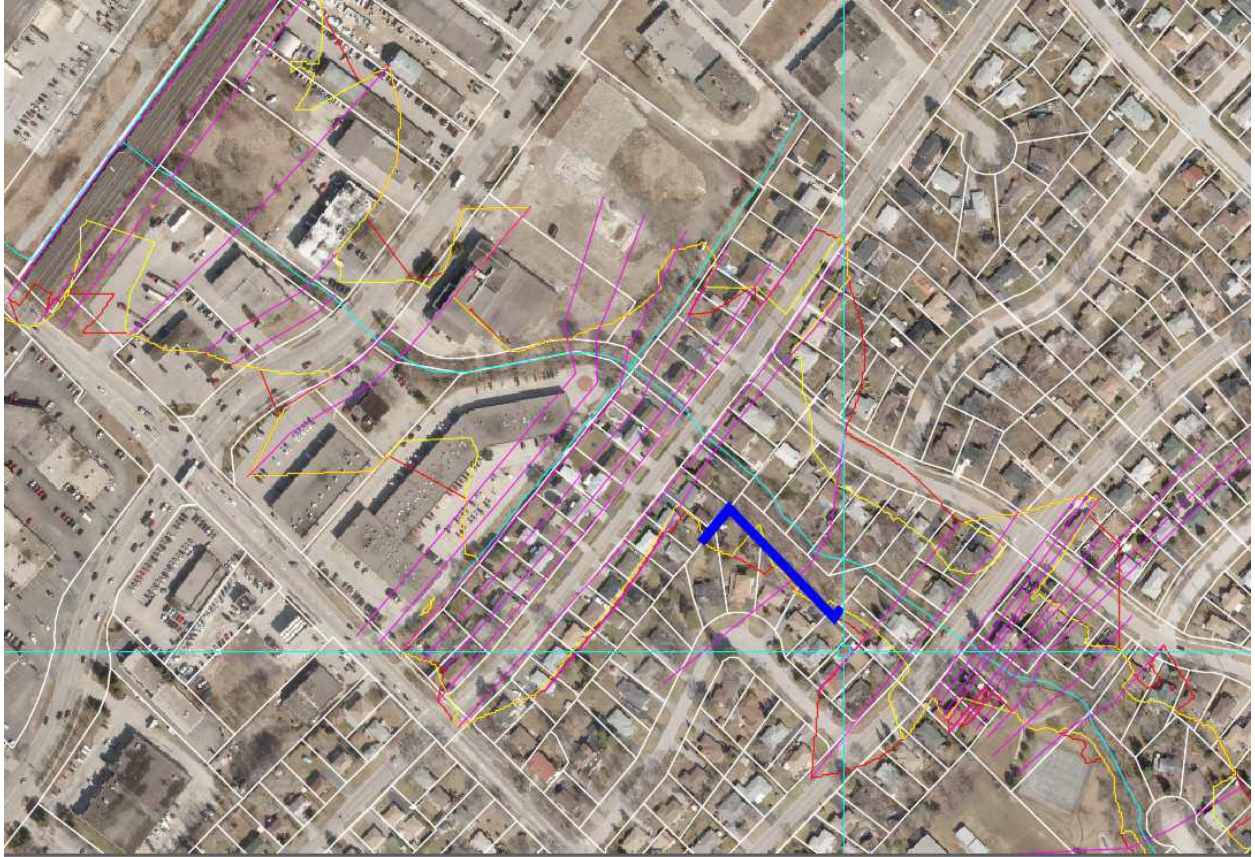


Fourteen Mile Creek – South of Speers Road



Fourteen Mile Creek – McCraney North of Rebecca Street





Fourteen Mile Creek – McCraney South of Pinegrove



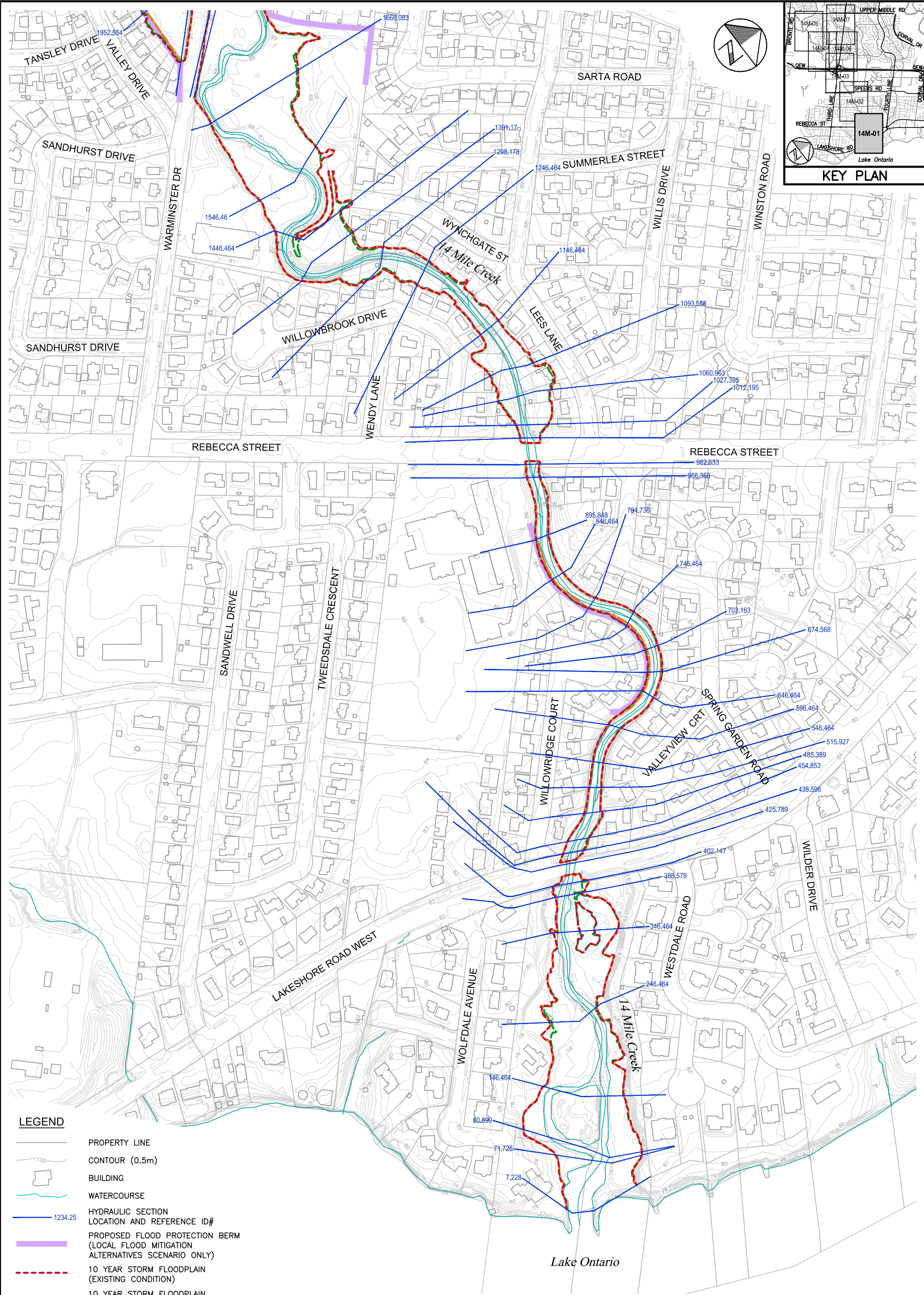
## APPENDIX

# H-9

### November 10, 2023 Cost Benefit Analysis – Appendix A



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Plotted By: wds\_richard.bortolo  
2023-11-06  
Last Saved: 2023-11-01  
Last Saved: 2023-11-01



LEGEND

- PROPERTY LINE
- CONTOUR (0.5m)
- BUILDING
- WATERCOURSE
- HYDRAULIC SECTION LOCATION AND REFERENCE ID#
- PROPOSED FLOOD PROTECTION BERM (LOCAL FLOOD MITIGATION ALTERNATIVES SCENARIO ONLY)
- 10 YEAR STORM FLOODPLAIN (EXISTING CONDITION)
- 10 YEAR STORM FLOODPLAIN (LOCAL FLOOD MITIGATION ALTERNATIVES SCENARIO)
- 10 YEAR STORM FLOODPLAIN (SYSTEM WIDE MITIGATION ALTERNATIVES SCENARIO)
- SPILL LOCATION

FOURTEEN MILE CREEK AND  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

2023 COST-BENEFIT ANALYSIS  
FLOODPLAIN MAPPING  
14 MILE CREEK  
(10 YEAR STORM EVENT)



SCALE VALID ONLY FOR  
24"x36" VERSION

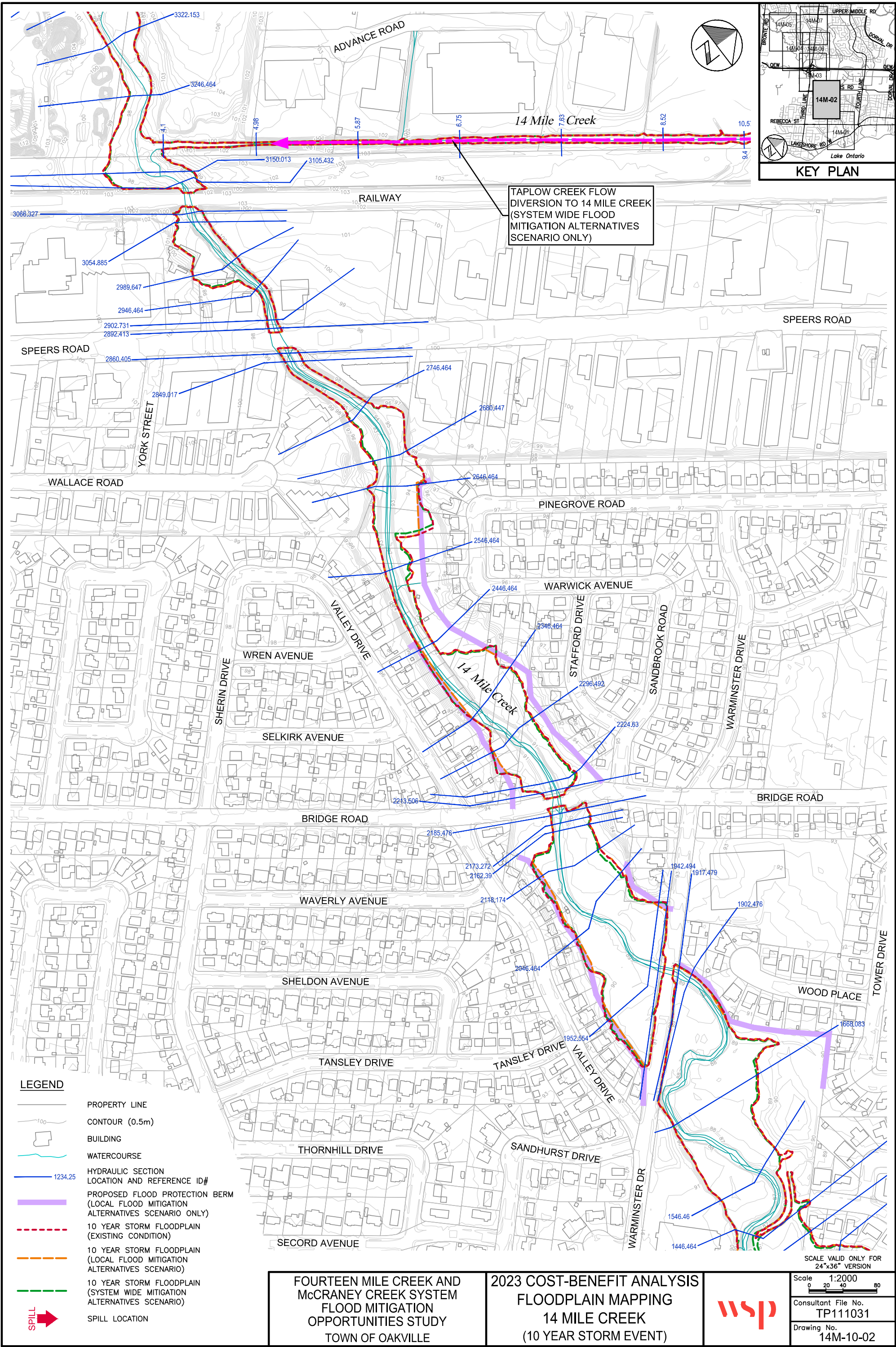
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Drawing No.  
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Last Saved: 2023-11-01



FOURTEEN MILE CREEK AND  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

2023 COST-BENEFIT ANALYSIS  
FLOODPLAIN MAPPING  
14 MILE CREEK  
(10 YEAR STORM EVENT)

**wsp**

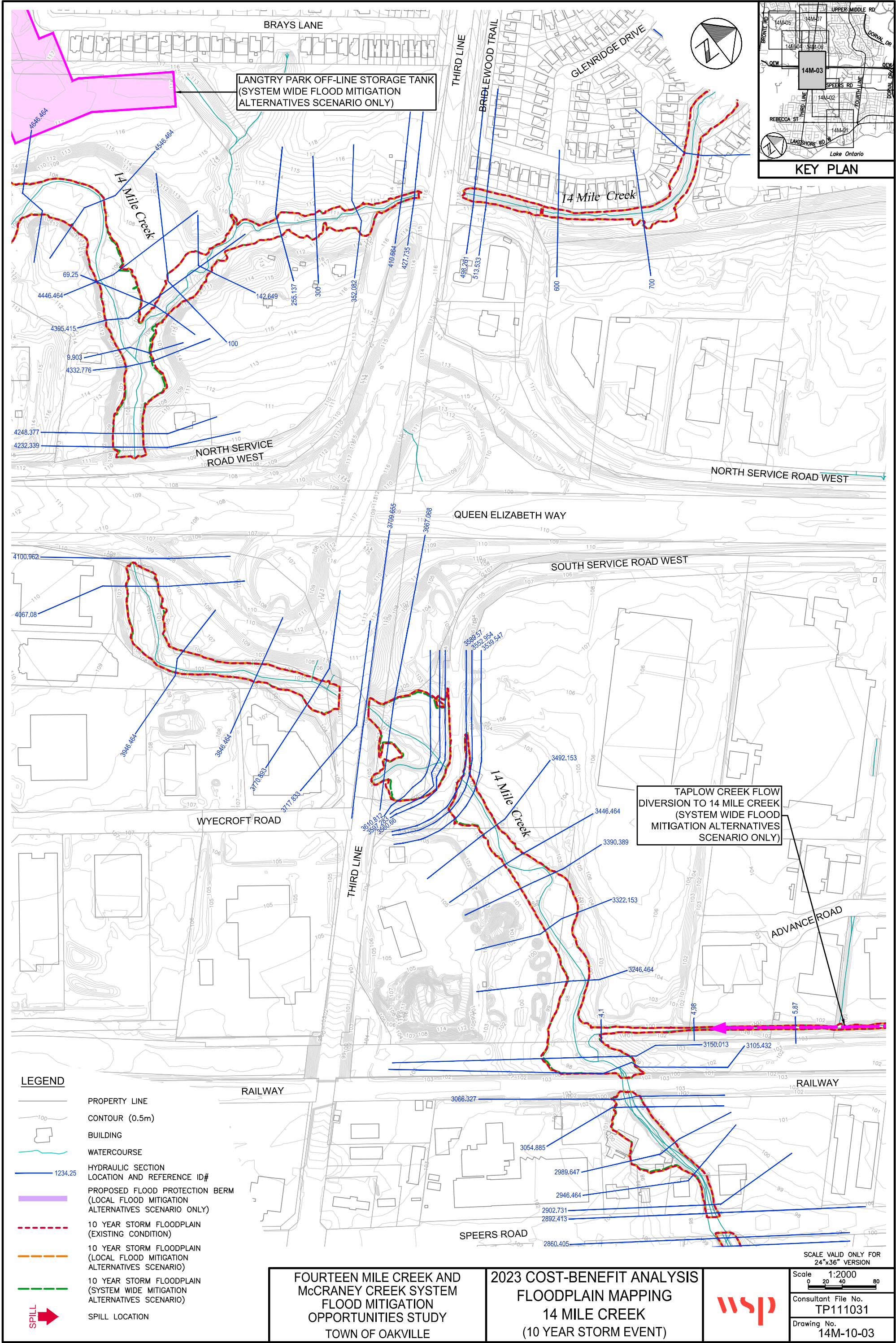
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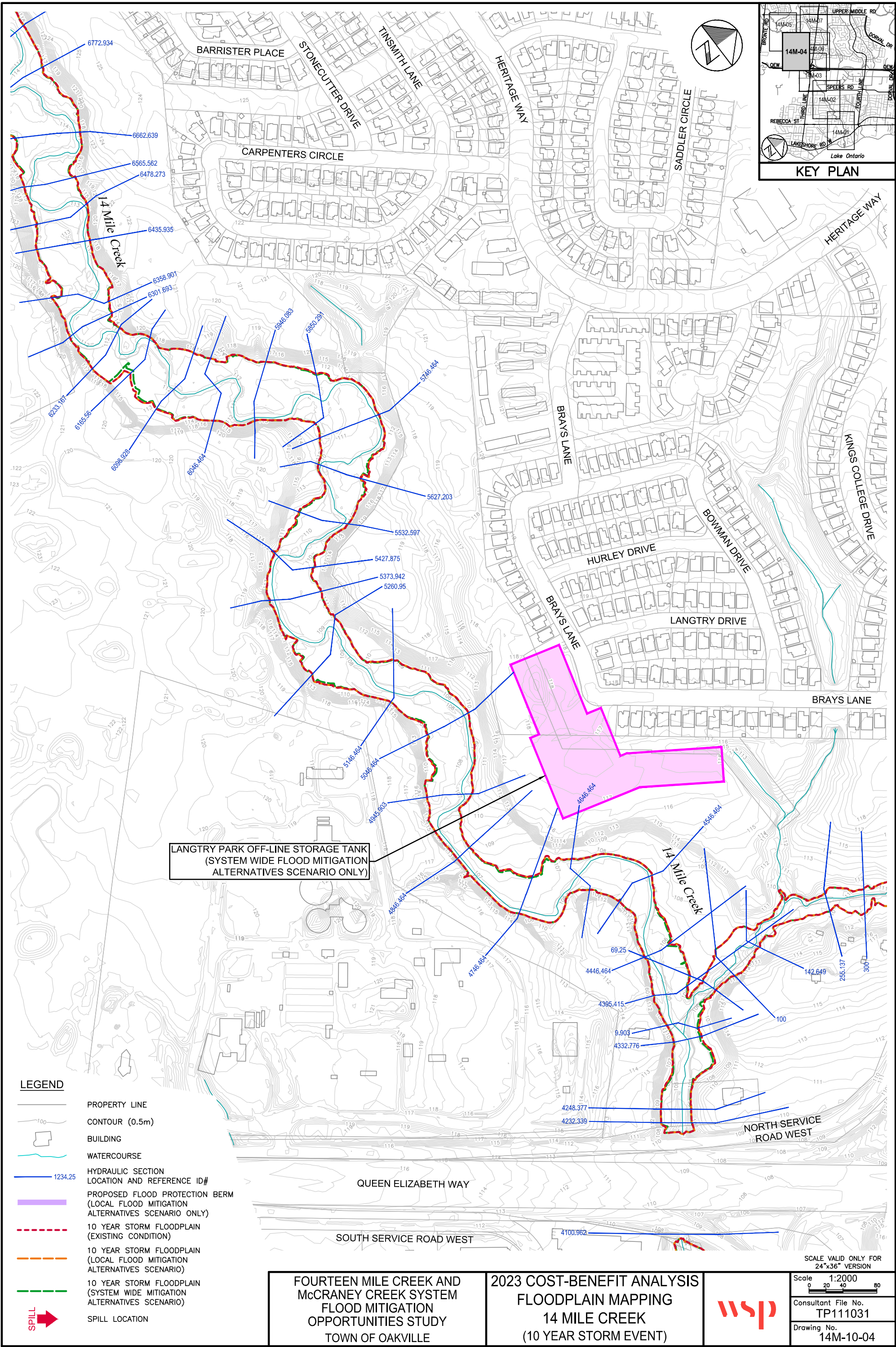


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Plotted By:  
Last Saved: 2023-11-01



FOURTEEN MILE CREEK AND  
McCRANEY CREEK SYSTEM  
FLOOD MITIGATION  
OPPORTUNITIES STUDY  
TOWN OF OAKVILLE

2023 COST-BENEFIT ANALYSIS  
FLOODPLAIN MAPPING  
14 MILE CREEK  
(10 YEAR STORM EVENT)

**wsp**



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