APPENDIX A2

YORK REGION ROAD DESIGN GUIDELINES

IDF CURVES

JANUARY, 2023

9.11 Intensity — Duration — Frequency (IDF) Curves

Southern Quadrant: (South of Bloomington Road)

Assuming t=10min

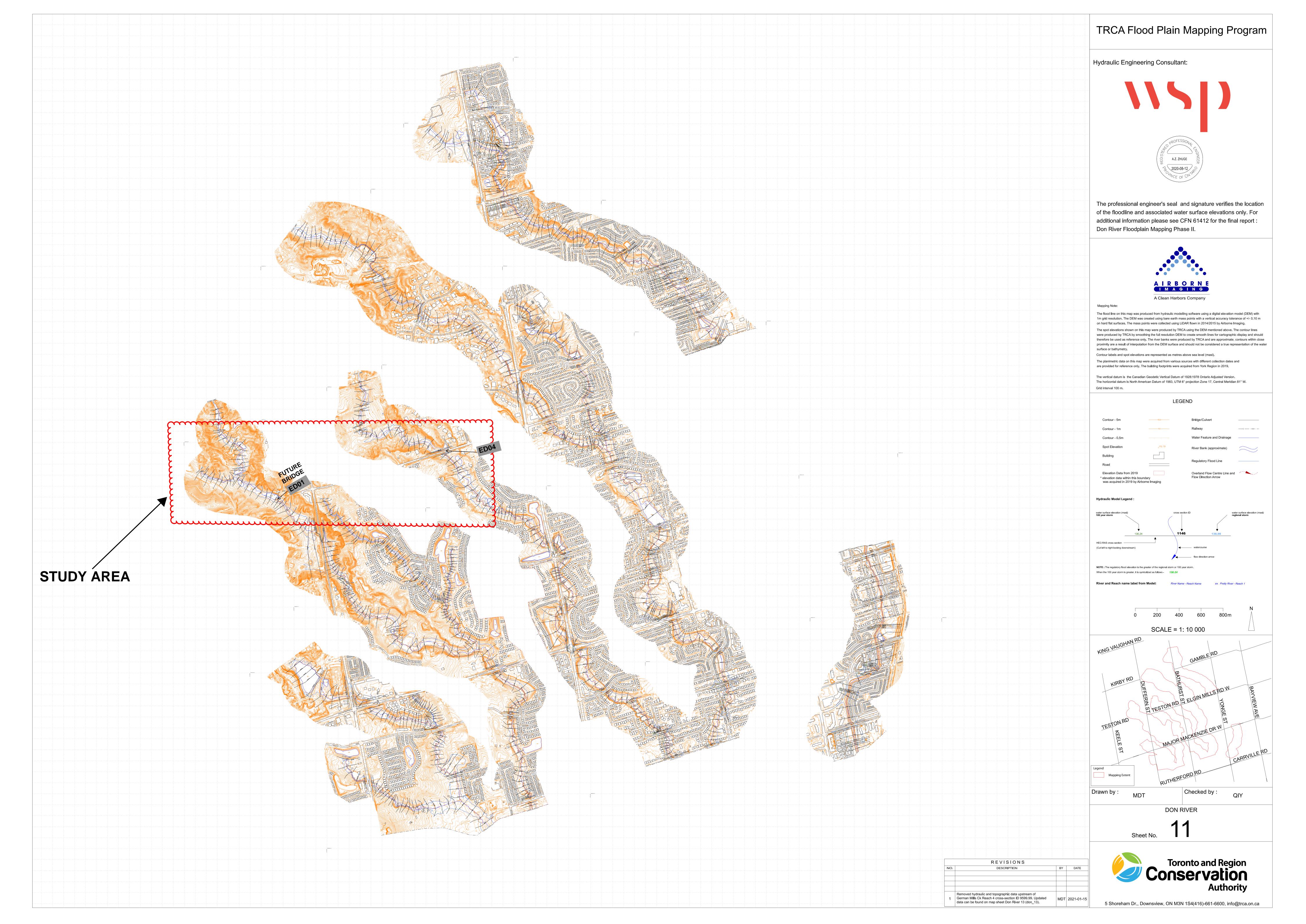
3	
Southern Quadrant	
Return Frequency	I (mm/hr)
5-Yr	111.06
10-Yr	134.94
25-Yr	154.37
50-Yr	171.03
100-Yr	187.68

Northern Quadrant		
Return Frequency	I (mm/hr)	
5-Yr	94.77	
10-Yr	111.83	
25-Yr	131.73	
50-Yr	145.94	
100-Yr	160.16	

Tc=10min
For 25mm Storm
I 25mm (mm/hr)
61.31

APPENDIX A3

TRCA FLOODPLAIN MAPPING PROGRAM



APPENDIX A4 AS-BUILT DRAWINGS

