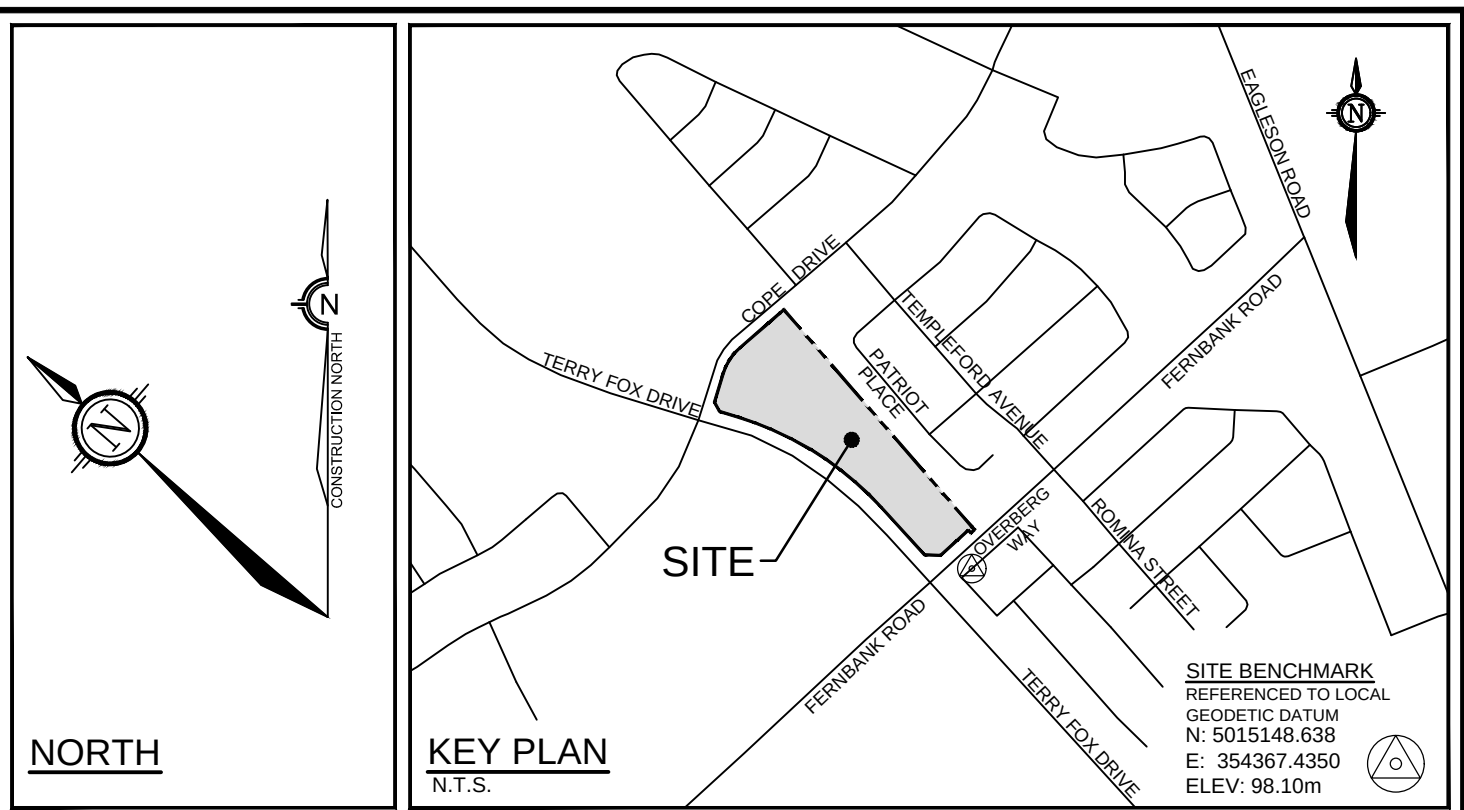
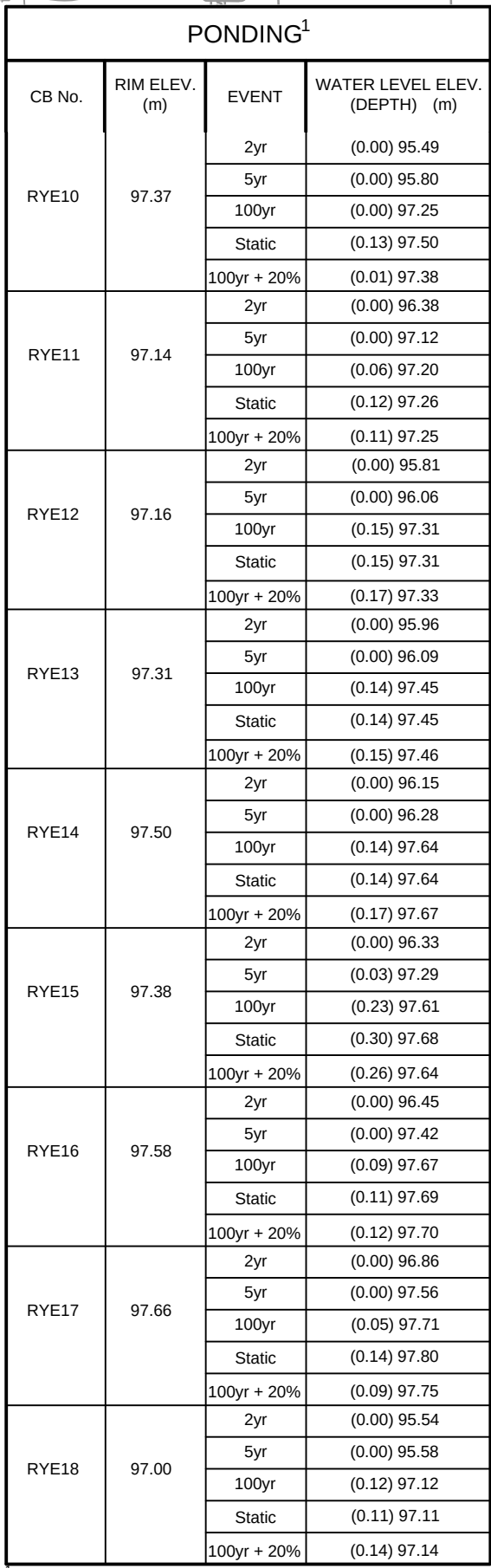




*100 YEAR PONDING DEPTH IS GREATER THAN THE STATIC PONDING DEPTH DUE TO CASCADING WATER INTO THE NEXT AREA. THIS HAS BEEN ACCOUNTED FOR IN THE STORMWATER MANAGEMENT REPORT AND CONFORMS TO THE ALLOWABLE RELEASE RATE FROM THE SITE.



PONDING ¹			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
RYT13	97.17	2yr	(0.00) 95.77
		5yr	(0.00) 96.06
		100yr	(0.13) 97.30
		Static	(0.13) 97.30
		100yr + 20%	(0.14) 97.31
RYT14	97.29	2yr	(0.00) 95.85
		5yr	(0.00) 96.09
		100yr	(0.14) 97.43
		Static	(0.14) 97.43
		100yr + 20%	(0.14) 97.43
RYT15	97.48	2yr	(0.00) 96.04
		5yr	(0.00) 96.28
		100yr	(0.12) 97.60
		Static	(0.11) 97.59
		100yr + 20%	(0.12) 97.60
RYT16	97.64	2yr	(0.00) 96.86
		5yr	(0.00) 97.56
		100yr	(0.02) 97.66
		Static	(0.02) 97.66
		100yr + 20%	(0.03) 97.67
RYT17	97.08	2yr	(0.00) 95.35
		5yr	(0.00) 96.12
		100yr	(0.07) 97.15
		Static	(0.25) 97.33
		100yr + 20%	(0.13) 97.21
RYT18	97.22	2yr	(0.00) 95.27
		5yr	(0.00) 95.58
		100yr	(0.04) 97.26
		Static	(0.14) 97.36
		100yr + 20%	(0.17) 97.39
RYT19	97.25	2yr	(0.00) 95.35
		5yr	(0.00) 95.57
		100yr	(0.02) 97.27
		Static	(0.10) 97.35
		100yr + 20%	(0.19) 97.44
RYT20	97.23	2yr	(0.00) 95.27
		5yr	(0.00) 95.57
		100yr	(0.03) 97.26
		Static	(0.14) 97.37
		100yr + 20%	(0.19) 97.42
RYT21	97.38	2yr	(0.00) 95.27
		5yr	(0.00) 95.58
		100yr	(0.00) 97.27
		Static	(0.15) 97.53
		100yr + 20%	(0.03) 97.41
RYT22	97.46	2yr	(0.00) 95.94
		5yr	(0.00) 96.83
		100yr	(0.00) 97.16
		Static	(0.14) 97.60
		100yr + 20%	(0.00) 97.20
RYT23	97.50	2yr	(0.00) 95.63
		5yr	(0.00) 96.15
		100yr	(0.00) 97.42
		Static	(0.16) 97.66
		100yr + 20%	(0.20) 97.45
RYT24	97.60	2yr	(0.00) 95.76
		5yr	(0.00) 96.15
		100yr	(0.00) 97.42
		Static	(0.10) 97.70
		100yr + 20%	(0.00) 97.45

BASED ON PCSWMM MODEL
(3-HOUR CHICAGO STORM DISTRIBUTION)

PONDING ¹			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
CBMH08	96.92	2yr	(0.00) 95.77
		5yr	(0.00) 96.69
		100yr	(0.23) 97.15
		Static	(0.24) 97.16
CBMH10	96.86	100yr + 20%	(0.25) 97.17
		2yr	(0.00) 95.35
		5yr	(0.00) 96.12
		100yr	(0.29) 97.15
CBMH11	97.08	Static	(0.34) 97.20
		100yr + 20%	(0.35) 97.21
		2yr	(0.00) 95.43
		5yr	(0.00) 95.80
CBMH12	97.55	100yr	(0.17) 97.25
		Static	(0.17) 97.25
		100yr + 20%	(0.30) 97.38
		2yr	(0.00) 95.43
CBMH13	97.23	5yr	(0.00) 95.80
		100yr	(0.00) 95.25
		Static	(0.11) 97.66
		100yr + 20%	(0.00) 97.38
CBMH14	97.23	2yr	(0.00) 95.89
		5yr	(0.00) 97.04
		100yr	(0.16) 97.39
		Static	(0.14) 97.37
CBMH15	97.50	100yr + 20%	(0.20) 97.43
		2yr	(0.00) 95.62
		5yr	(0.00) 96.15
		100yr	(0.16) 97.39
CBMH15	97.50	Static	(0.14) 97.37
		100yr + 20%	(0.20) 97.43
		2yr	(0.00) 96.51
		5yr	(0.00) 97.48
CBMH15	97.50	100yr	(0.16) 97.66
		Static	(0.25) 97.75
		100yr + 20%	(0.20) 97.70
		2yr	(0.00) 96.51

PONDING ¹			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
RYE01	97.47	2yr	(0.00) 96.33
		5yr	(0.00) 97.29
		100yr	(0.14) 97.61
		Static	(0.14) 97.61
RYE02	97.75	100yr + 20%	(0.15) 97.62
		2yr	(0.00) 96.02
		5yr	(0.00) 96.15
		100yr	(0.00) 97.43
RYE03	97.40	Static	(0.10) 97.85
		100yr + 20%	(0.00) 97.46
		2yr	(0.00) 96.00
		5yr	(0.00) 96.32
RYE04	96.90	100yr	(0.04) 97.44
		Static	(0.15) 97.55
		100yr + 20%	(0.15) 97.55
		2yr	(0.00) 95.85
RYE05	96.85	5yr	(0.00) 96.84
		100yr	(0.23) 97.13
		Static	(0.27) 97.17
		100yr + 20%	(0.33) 97.23
RYE07	96.95	2yr	(0.00) 95.49
		5yr	(0.00) 96.53
		100yr	(0.15) 97.00
		Static	(0.30) 97.15
RYE08	97.20	100yr + 20%	(0.25) 97.10
		2yr	(0.00) 95.35
		5yr	(0.00) 96.23
		100yr	(0.05) 97.00
RYE09	97.37	Static	(0.20) 97.15
		100yr + 20%	(0.15) 97.10
		2yr	(0.00) 95.35
		5yr	(0.00) 96.12
RYE08	97.20	100yr	(0.01) 97.21
		Static	(0.30) 97.50
		100yr + 20%	(0.29) 97.49
		2yr	(0.00) 95.35
RYE09	97.37	5yr	(0.00) 96.12
		100yr	(0.00) 97.15
		Static	(0.22) 97.59
		100yr + 20%	(0.00) 97.21

PONDING ³			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
RYE10	97.37	2yr	(0.00) 95.49
		5yr	(0.00) 95.80
		100yr	(0.00) 97.25
		Static	(0.13) 97.50
		100yr + 20%	(0.01) 97.38
RYE11	97.14	2yr	(0.00) 96.38
		5yr	(0.00) 97.12
		100yr	(0.06) 97.20
		Static	(0.12) 97.26
		100yr + 20%	(0.11) 97.25
RYE12	97.16	2yr	(0.00) 95.81
		5yr	(0.00) 96.06
		100yr	(0.15) 97.31
		Static	(0.15) 97.31
		100yr + 20%	(0.17) 97.33
RYE13	97.31	2yr	(0.00) 95.96
		5yr	(0.00) 96.09
		100yr	(0.14) 97.45
		Static	(0.14) 97.45
		100yr + 20%	(0.15) 97.46
RYE14	97.50	2yr	(0.00) 96.15
		5yr	(0.00) 96.28
		100yr	(0.14) 97.64
		Static	(0.14) 97.64
		100yr + 20%	(0.17) 97.67
RYE15	97.38	2yr	(0.00) 96.33
		5yr	(0.03) 97.29
		100yr	(0.23) 97.61
		Static	(0.30) 97.68
		100yr + 20%	(0.26) 97.64
RYE16	97.58	2yr	(0.00) 96.45
		5yr	(0.00) 97.42
		100yr	(0.09) 97.67
		Static	(0.11) 97.69
		100yr + 20%	(0.12) 97.70
RYE17	97.66	2yr	(0.00) 96.86
		5yr	(0.00) 97.56
		100yr	(0.05) 97.71
		Static	(0.14) 97.80
		100yr + 20%	(0.09) 97.75
RYE18	97.00	2yr	(0.00) 95.54
		5yr	(0.00) 95.58
		100yr	(0.12) 97.12
		Static	(0.11) 97.11
		100yr + 20%	(0.14) 97.14

PONDING ¹			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
RYT13	97.17	2yr	(0.00) 95.77
		5yr	(0.00) 96.06
		100yr	(0.13) 97.30
		Static	(0.13) 97.30
		100yr + 20%	(0.14) 97.31
RYT14	97.29	2yr	(0.00) 95.85
		5yr	(0.00) 96.09
		100yr	(0.14) 97.43
		Static	(0.14) 97.43
		100yr + 20%	(0.14) 97.43
RYT15	97.48	2yr	(0.00) 96.04
		5yr	(0.00) 96.28
		100yr	(0.12) 97.60
		Static	(0.11) 97.59
		100yr + 20%	(0.12) 97.60
RYT16	97.64	2yr	(0.00) 96.86
		5yr	(0.00) 97.56
		100yr	(0.02) 97.66
		Static	(0.02) 97.66
		100yr + 20%	(0.03) 97.67
RYT17	97.08	2yr	(0.00) 95.35
		5yr	(0.00) 96.12
		100yr	(0.07) 97.15
		Static	(0.25) 97.33
		100yr + 20%	(0.13) 97.21
RYT18	97.22	2yr	(0.00) 95.27
		5yr	(0.00) 95.58
		100yr	(0.04) 97.26
		Static	(0.14) 97.36
		100yr + 20%	(0.17) 97.39
RYT19	97.25	2yr	(0.00) 95.35
		5yr	(0.00) 95.57
		100yr	(0.02) 97.27
		Static	(0.10) 97.35
		100yr + 20%	(0.19) 97.44
RYT20	97.23	2yr	(0.00) 95.27
		5yr	(0.00) 95.57
		100yr	(0.03) 97.26
		Static	(0.14) 97.37
		100yr + 20%	(0.19) 97.42
RYT21	97.38	2yr	(0.00) 95.27
		5yr	(0.00) 95.58
		100yr	(0.00) 97.27
		Static	(0.15) 97.53
		100yr + 20%	(0.03) 97.41
RYT22	97.46	2yr	(0.00) 95.94
		5yr	(0.00) 96.83
		100yr	(0.00) 97.16
		Static	(0.14) 97.60
		100yr + 20%	(0.00) 97.20
RYT23	97.50	2yr	(0.00) 95.63
		5yr	(0.00) 96.15
		100yr	(0.00) 97.42
		Static	(0.16) 97.66
		100yr + 20%	(0.20) 97.45
RYT24	97.60	2yr	(0.00) 95.76
		5yr	(0.00) 96.15
		100yr	(0.00) 97.42
		Static	(0.10) 97.70
		100yr + 20%	(0.00) 97.45

BASED ON PCSWMM MODEL
(3-HOUR CHICAGO STORM DISTRIBUTION)

APPROVED
By Sean Moore at 10:30 am, Aug 06, 2026

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

SCALE		DESIGN	BM
1:750		CHECKED	DDB
		DRAWN	ATE
1:750		CHECKED	BM
		APPROVED	DDB

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DRAWING NAME

STORM DRAINAGE AREA PLAN

121011-STM

#18539

007-12-25-0151