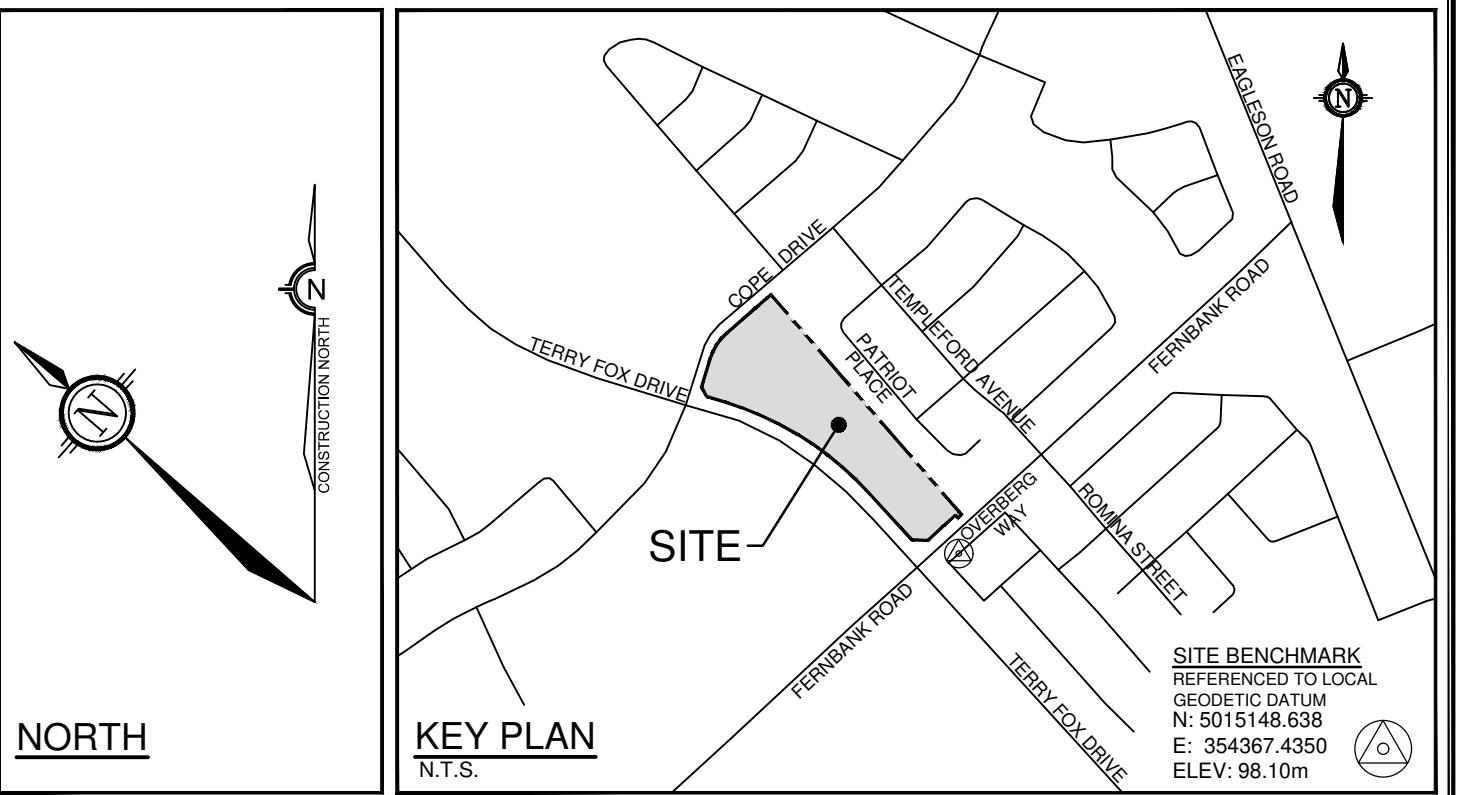




PONDING ¹			
CB NO.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV (DEPTH) (m)
RYT07	97.15	2yr	(0.00) 95.86
		5yr	(0.00) 96.57
		100yr	(0.19) 97.34
		Static	(0.20) 97.35
		100yr + 20%	(0.27) 97.42
RYT08	96.90	2yr	(0.00) 95.88
		5yr	(0.00) 96.87
		100yr	(0.20) 97.10
		Static	(0.30) 97.20
		100yr + 20%	(0.25) 97.15
RYT09	96.85	2yr	(0.00) 95.71
		5yr	(0.00) 96.69
		100yr	(0.19) 97.04
		Static	(0.30) 97.15
		100yr + 20%	(0.25) 97.10
RYT10	97.32	2yr	(0.00) 95.58
		5yr	(0.00) 96.34
		100yr	(0.00) 97.16
		Static	(0.11) 97.43
		100yr + 20%	(0.00) 97.22
RYT11	97.58	2yr	(0.00) 95.46
		5yr	(0.00) 95.92
		100yr	(0.00) 97.31
		Static	(0.11) 97.69
		100yr + 20%	(0.00) 97.43
RYT12	97.07	2yr	(0.00) 96.53
		5yr	(0.05) 97.12
		100yr	(0.08) 97.15
		Static	(0.07) 97.14
		100yr + 20%	(0.10) 97.17
RYT13	97.17	2yr	(0.00) 95.88
		5yr	(0.00) 96.30
		100yr	(0.14) 97.31
		Static	(0.19) 97.30
		100yr + 20%	(0.14) 97.31
RYT14	97.29	2yr	(0.00) 96.01
		5yr	(0.00) 96.49
		100yr	(0.14) 97.43
		Static	(0.14) 97.43
		100yr + 20%	(0.14) 97.43
RYT15	97.48	2yr	(0.00) 96.20
		5yr	(0.00) 96.68
		100yr	(0.12) 97.60
		Static	(0.11) 97.59
		100yr + 20%	(0.12) 97.60
RYT16	97.64	2yr	(0.00) 97.09
		5yr	(0.01) 97.65
		100yr	(0.03) 97.67
		Static	(0.02) 97.66
		100yr + 20%	(0.04) 97.68

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

PONDING ²			
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)
CIBC1	96.99	2yr	(0.00) 96.53
		5yr	(0.13) 96.12
		100yr	(0.15) 97.14
		Static	(0.12) 97.11
		100yr + 20%	(0.15) 97.14
CIBC2	97.44	2yr	(0.00) 97.09
		5yr	(0.20) 96.64
		100yr	(0.22) 97.66
		Static	(0.20) 97.64
		100yr + 20%	(0.22) 97.66
RYE01	97.47	2yr	(0.00) 96.22
		5yr	(0.00) 97.36
		100yr	(0.14) 97.61
		Static	(0.14) 97.61
		100yr + 20%	(0.15) 97.62
RYE02	97.50	2yr	(0.00) 95.81
		5yr	(0.00) 96.62
		100yr	(0.00) 97.42
		Static	(0.16) 97.66
		100yr + 20%	(0.00) 97.47
RYE03	97.40	2yr	(0.00) 96.00
		5yr	(0.00) 96.58
		100yr	(0.03) 97.43
		Static	(0.15) 97.55
		100yr + 20%	(0.15) 97.55
RYE04	96.90	2yr	(0.00) 95.89
		5yr	(0.00) 96.87
		100yr	(0.23) 97.13
		Static	(0.27) 97.17
		100yr + 20%	(0.33) 97.23
RYE05	96.85	2yr	(0.00) 95.71
		5yr	(0.00) 96.70
		100yr	(0.20) 97.05
		Static	(0.03) 97.15
		100yr + 20%	(0.25) 97.10
RYE06	97.40	2yr	(0.00) 95.40
		5yr	(0.00) 96.14
		100yr	(0.00) 97.14
		Static	(0.20) 97.60
		100yr + 20%	(0.00) 97.18
RYE07	97.14	2yr	(0.00) 95.13
		5yr	(0.00) 95.42
		100yr	(0.21) 97.35
		Static	(0.21) 97.35

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

CITY OF OTTAWA	
5331 FERNBANK ROAD	
IRON VALLEY 2	
DRAWING NAME	PROJECT No.
	121011-00
	REV
	REV # 5
STORM DRAINAGE AREA PLAN	
DRAWING No.	

PLANA1.DWG - 841mmx594mm

121011-STM

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

PRELIMINARY
NOT FOR
CONSTRUCTION

5.	REVISED SITE PLAN SUBMISSION	NOV 14/25	DDB
4.	ISSUED FOR TENDER	MAY 16/22	DDB
3.	REVISED PER CITY COMMENTS	FEB 17/22	DDB
2.	REVISED PER CITY COMMENTS	NOV 5/21	DDB
1.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/21	DDB
No.	REVISION	DATE	BY

SCALE

1:750

1:750



DESIGN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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FOR REVIEW ONLY



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