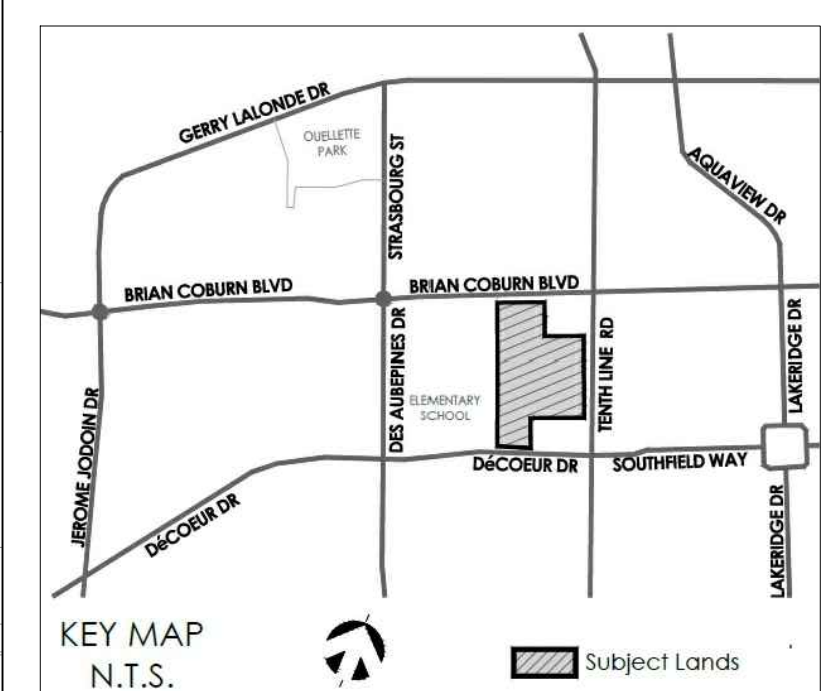
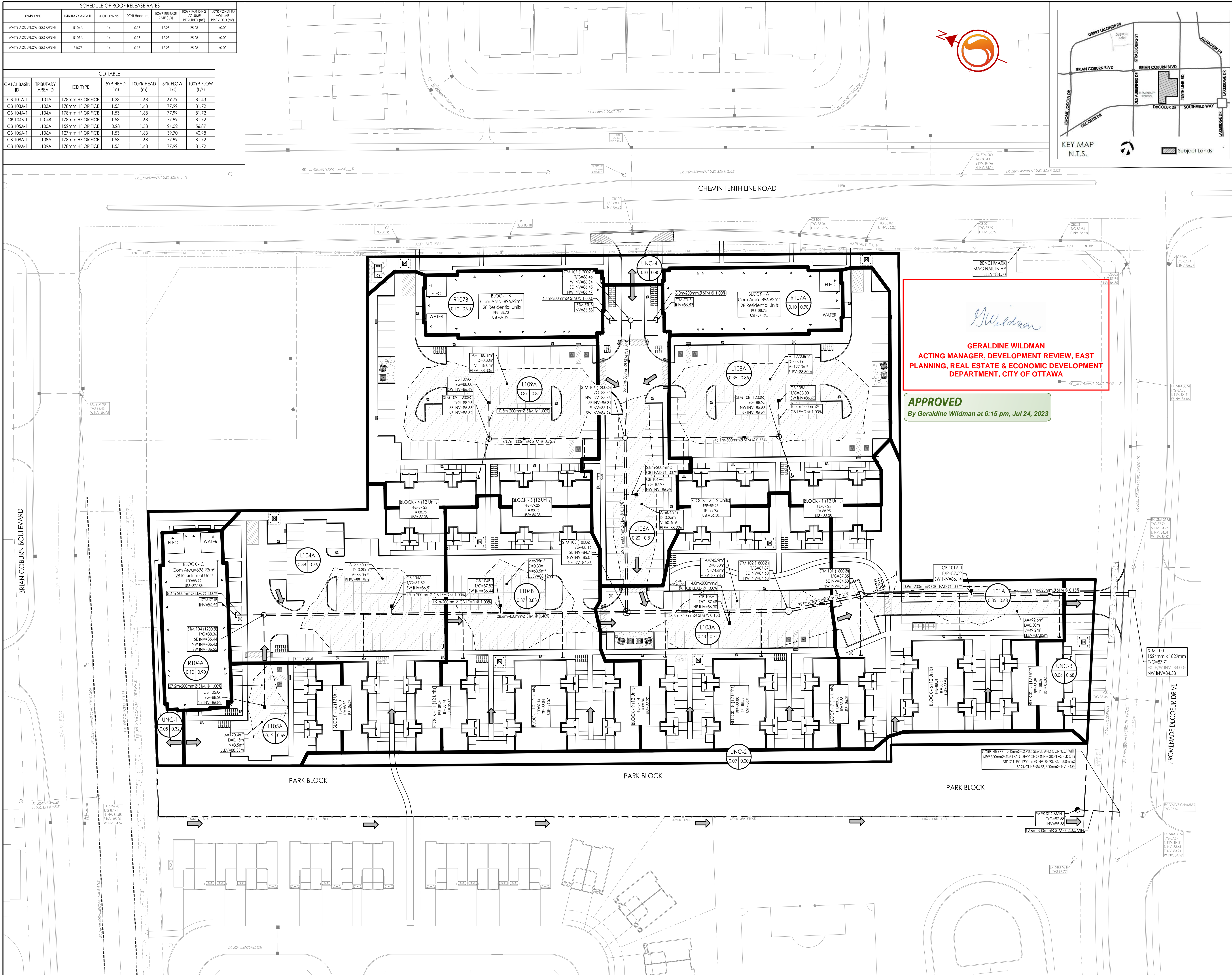


SCHEDULE OF ROOF RELEASE RATES						
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100% RELEASE RATE (L/s)	100% RELEASE RATE (L/s)	100% PONDING VOLUME REQUIRED (m³)	100% PONDING VOLUME PROVIDED (m³)
WATS ACCUFLOW (25% OPEN)	R10A	14	0.15	12.28	25.28	40.00
WATS ACCUFLOW (25% OPEN)	R10A	14	0.15	12.28	25.28	40.00
WATS ACCUFLOW (25% OPEN)	R10B	14	0.15	12.28	25.28	40.00

ICD TABLE						
CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	SYR HEAD (m)	100% HEAD (m)	SYR FLOW (L/s)	100% FLOW (L/s)
CB 101A-1	L101A	178mm HF ORIFICE	1.23	1.68	69.72	81.43
CB 102A-1	L102A	178mm HF ORIFICE	1.53	1.68	77.99	81.72
CB 104A-1	L104A	178mm HF ORIFICE	1.53	1.68	77.99	81.72
CB 104B-1	L104B	178mm HF ORIFICE	1.53	1.68	77.99	81.72
CB 105A-1	L105A	152mm HF ORIFICE	0.28	1.53	24.52	56.87
CB 106A-1	L106A	127mm HF ORIFICE	1.53	1.63	39.70	40.98
CB 108A-1	L108A	178mm HF ORIFICE	1.53	1.68	77.99	81.72
CB 109A-1	L109A	178mm HF ORIFICE	1.53	1.68	77.99	81.72



G. Wildman

GERALDINE WILDMAN
ACTING MANAGER, DEVELOPMENT REVIEW, EAST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Geraldine Wildman at 6:15 pm, Jul 24, 2023

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- Legend**
- AREA ID
 - RUNOFF COEFFICIENT
 - STORM DRAINAGE AREA B.C.
 - STORM DRAINAGE BOUNDARY
 - DIRECTION OF OVERLAND FLOW
 - DIRECTION OF EMERGENCY OVERLAND FLOW
 - PROPOSED STORM MH AND SEWER
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED WATS FD-430 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM SEWER PLUMBING.
 - EXISTING STORM MH AND SEWER
 - EXISTING CATCHBASIN
 - THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
 - MAXIMUM STATIC PONDING LIMITS

Notes

Revision	By	Appd.	YY.MM.DD
5	MJS	KS	23.05.31
4	MJS	KS	23.03.28
3	MJS	KS	23.02.27
2	MJS	DT	22.12.05
1	MJS	DT	22.09.27
0	MJS	DT	21.12.13

Revision

File Name:	MJS	DT	MJS	21.11.22
160401710D	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project
MATTAMY HOMES LTD.

ORLEANS DECOEUR RESIDENTIAL DEVELOPMENT
 2370 TENTH LINE ROAD
 OTTAWA, ON, CANADA

Title
STORM DRAINAGE AREA PLAN

Project No.	Scale	Sheet	Revision
160401710	1:500	6 of 7	5

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