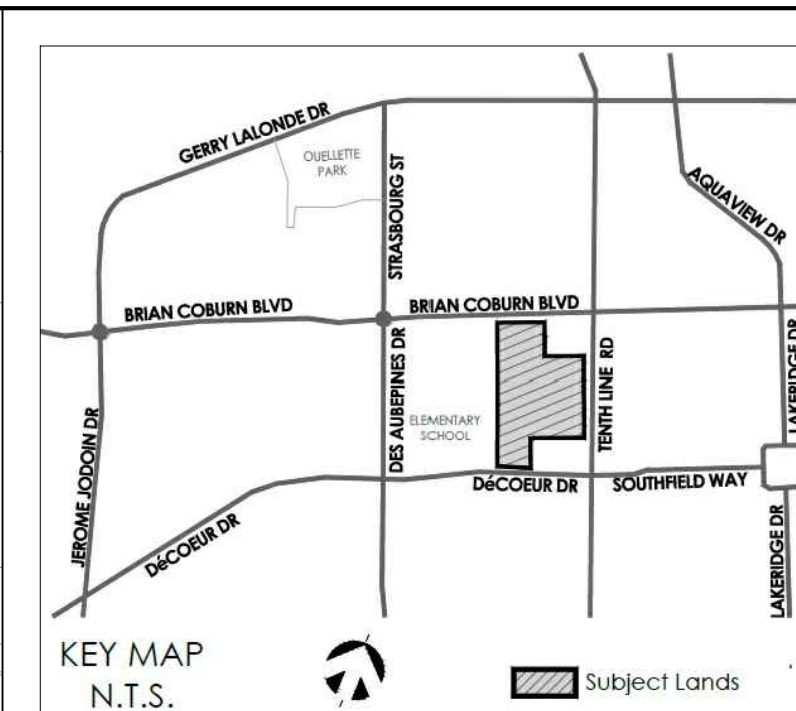
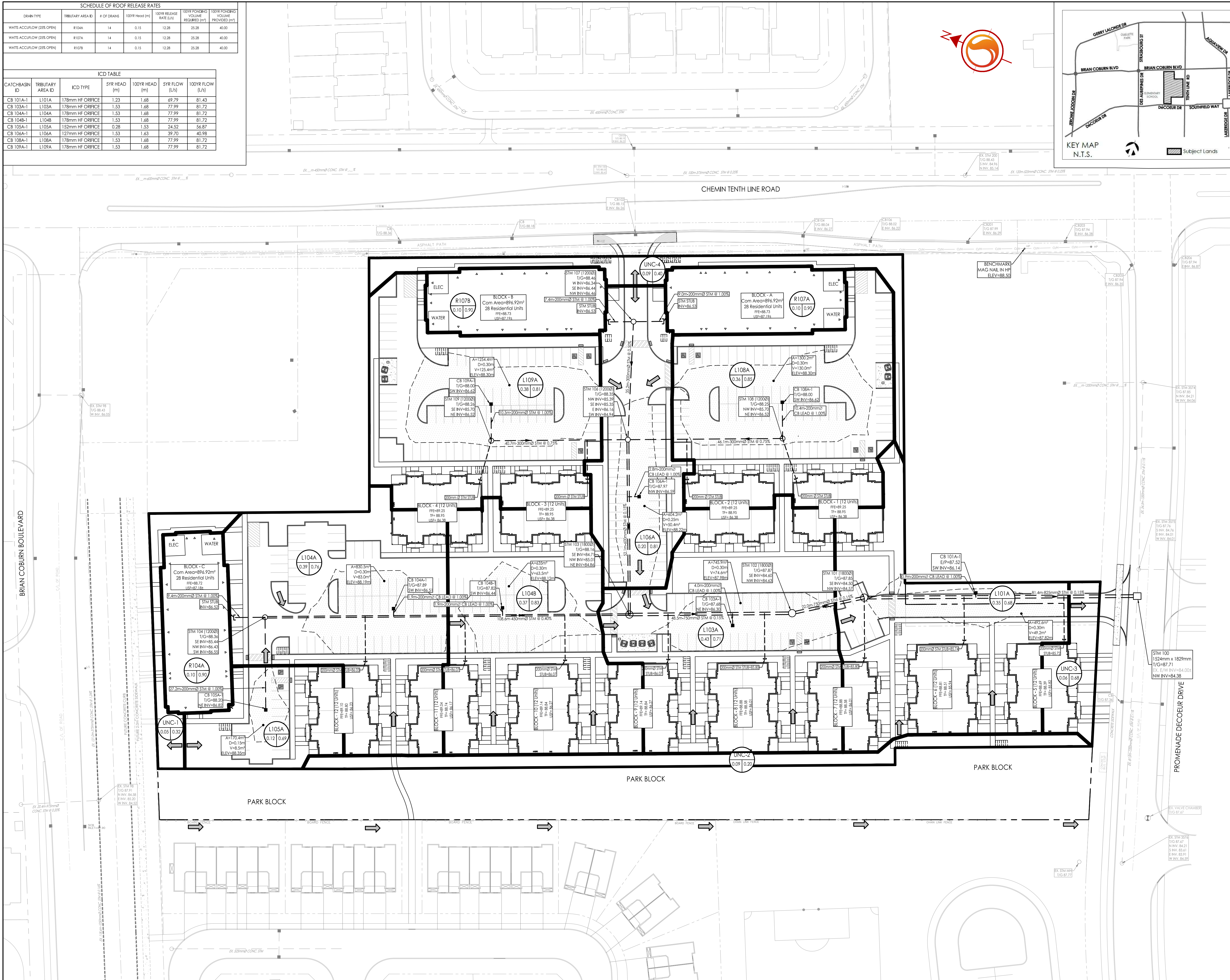


SCHEDULE OF ROOF RELEASE RATES						
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/s)	100YR PONDING VOLUME (m ³)	100YR PONDING VOLUME (m ³)
WATS ACCUMFLOW (25% OPEN)	R10A	14	0.15	12.28	25.28	40.00
WATS ACCUMFLOW (25% OPEN)	R10A	14	0.15	12.28	25.28	40.00
WATS ACCUMFLOW (25% OPEN)	R10B	14	0.15	12.28	25.28	40.00

ICD TABLE						
CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	SYR HEAD (m)	100YR HEAD (m)	SYR FLOW (L/s)	100YR 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



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Legend

- L101A** AREA ID
- 1.00 0.85** RUNOFF COEFFICIENT
- STORM DRAINAGE AREA NO.
- 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-530 (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

- REVISED AS PER NEW SITE PLAN
- REVISED AS PER SITE PLAN
- ISSUED FOR SPA

Revision	By	Appd.	YY.MM.DD
2	MJS	DT	22.12.05
1	MJS	DT	22.09.27
0	MJS	DT	21.12.13

File Name:	MJS	DT	MJS	21.11.22
16401710DB	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. 16401710	Scale 1:500	Sheet 6 of 7	Revision 2
Drawing No. SD-1	Revision 2		PLAN No. 18668

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ORIGINAL SHEET - ARCH D

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