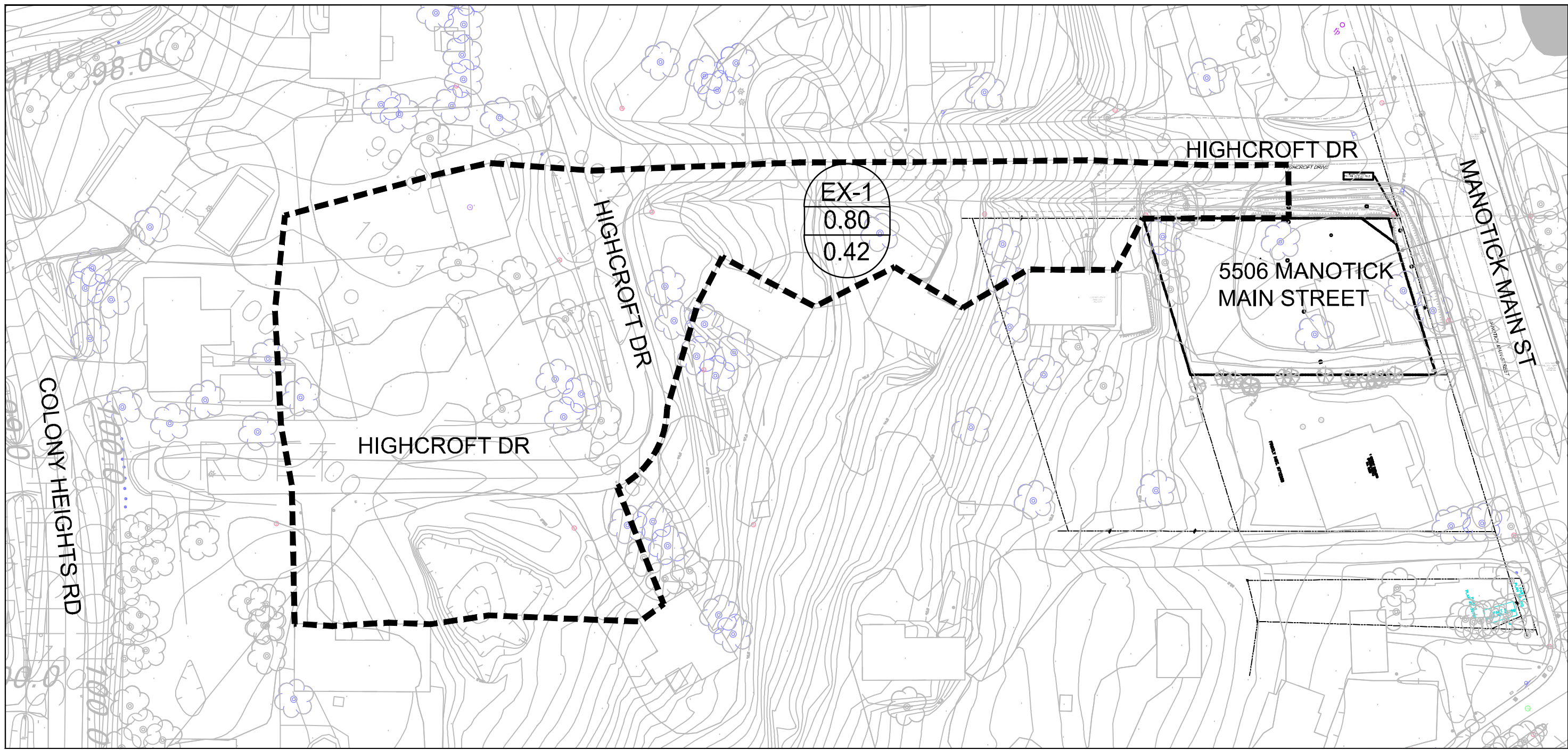


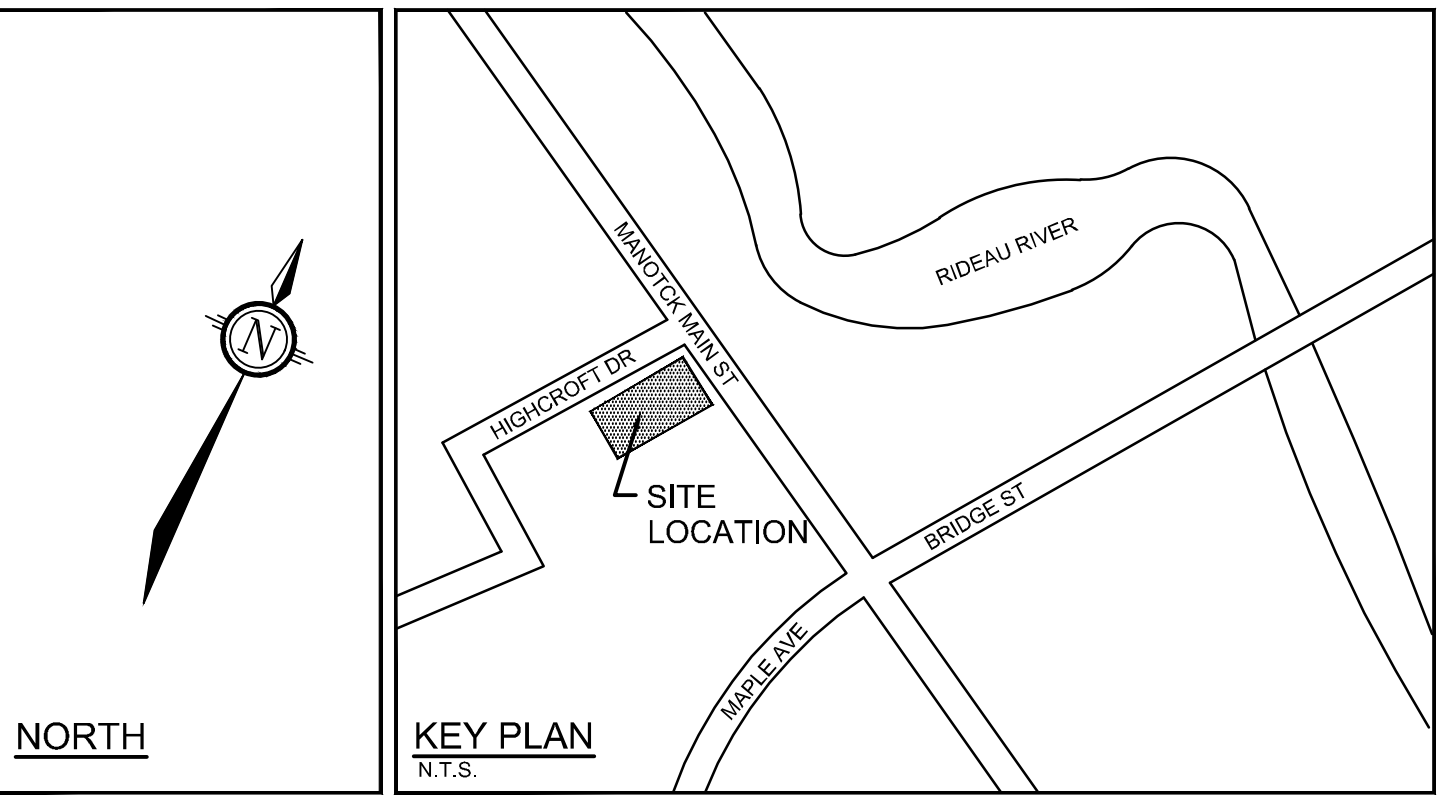


UPSTREAM STORM DRAINAGE AREA

LEGEND

- PROPERTY LINE
- PROPOSED STORM SERVICE
- PROPOSED RETAINING WALL
- DIRECTION OF MAJOR OVERLAND FLOW
- OHW
- EXISTING OVERHEAD WIRES
- EXISTING CONCRETE CURB
- SAMMH
- EXISTING SANITARY MANHOLE & SEWER
- STMMH
- EXISTING STORM MANHOLE & SEWER
- CB
- EXISTING CATCHBASIN C/W CATCHBASIN LEAD
- HYD
- EXISTING HYDRANT & VALVE
- EXISTING TREES / VEGETATION
- EX UP
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING FENCE
- PROPOSED DRAINAGE AREA
- CATCHMENT I.D.
- DRAINAGE AREA IN HECTARES
- C VALUE

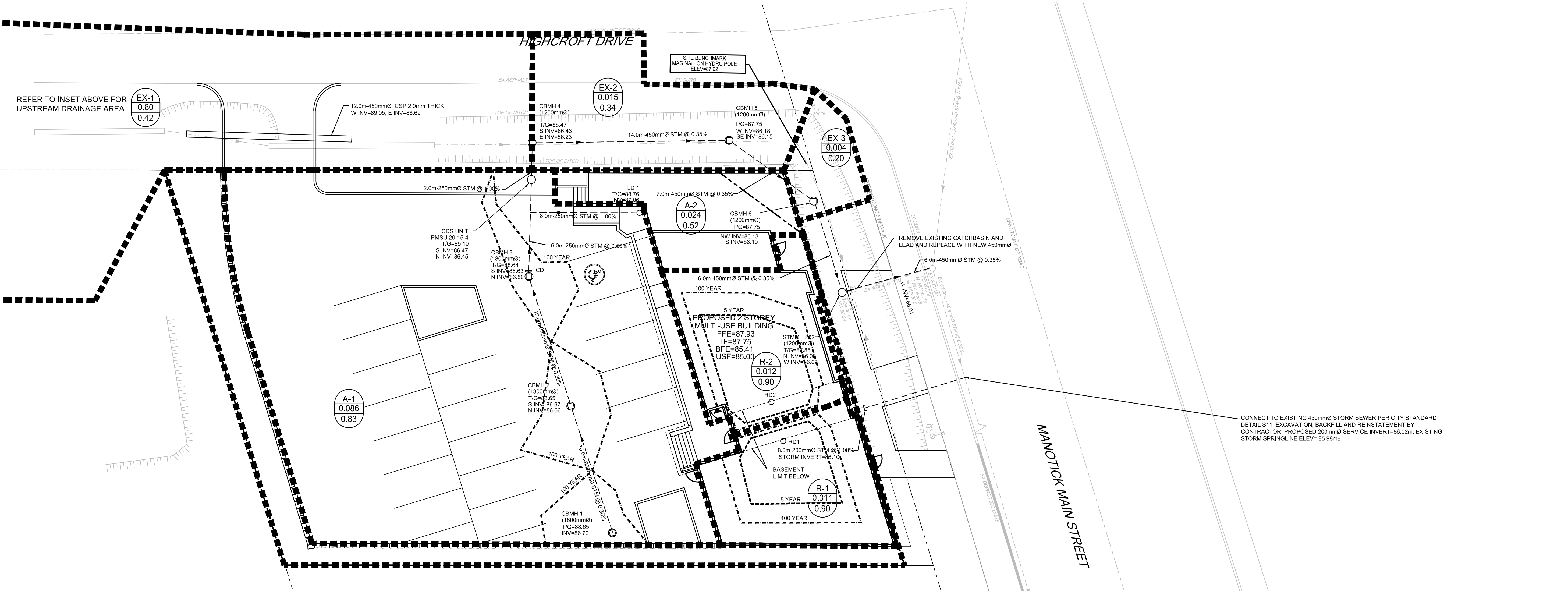
A-1
0.001
0.83



ROOF DRAIN TABLE: ROOF DRAINS RD1 & RD 2					
AREA ID	ROOF DRAIN No. (WATTS MODEL)	ROOF DRAIN OPENING SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE
R-1	RD 1 (RD-100-A-ADJ)	1/2 OPEN	0.95 L/s	9 cm	1.10 L/s
R-2	RD 2 (RD-100-A-ADJ)	1/2 OPEN	0.95 L/s	10 cm	1.10 L/s

* REFER TO THE 'DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT' (R-2020-036) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.
**ALL CONTROLLED FLOW ROOF DRAINS FOR THE PROPOSED BUILDING TO BE WATTS 'ADJUSTABLE ACCUTROL' ROOF DRAINS.

AREA A-1: INLET CONTROL DEVICE DATA - CBMH 3					
DESIGN EVENT	ICD TYPE (TEMPEST MODEL)	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)
1:5 YR	MODEL 80	250	4.9	0.74	87.37
1:100 YR	MODEL 80	250	8.3	2.07	88.70



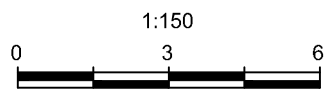
NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE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

OWNER INFORMATION
CEDAR SANDS HOLDINGS INC.
C/O STEVEN JAMES MENARD
184 REDPATH DRIVE
OTTAWA, ONTARIO
K2G 6K5

No.	REVISION	DATE	BY
1	ISSUED FOR SITE PLAN APPLICATION	APR 20/20	MS

SCALE

1:150



DESIGN	MS / LSC
CHECKED	MS
DRAWN	LSC
CHECKED	MS
APPROVED	MS

FOR REVIEW ONLY



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LOCATION
CITY OF OTTAWA
5506 MAIN STREET MANOTICK

DRAWING NAME
**STORMWATER MANAGEMENT
PLAN - POST DEVELOPMENT**

PROJECT No.	119234
REV	REV # 1
DRAWING No.	119234-SWM