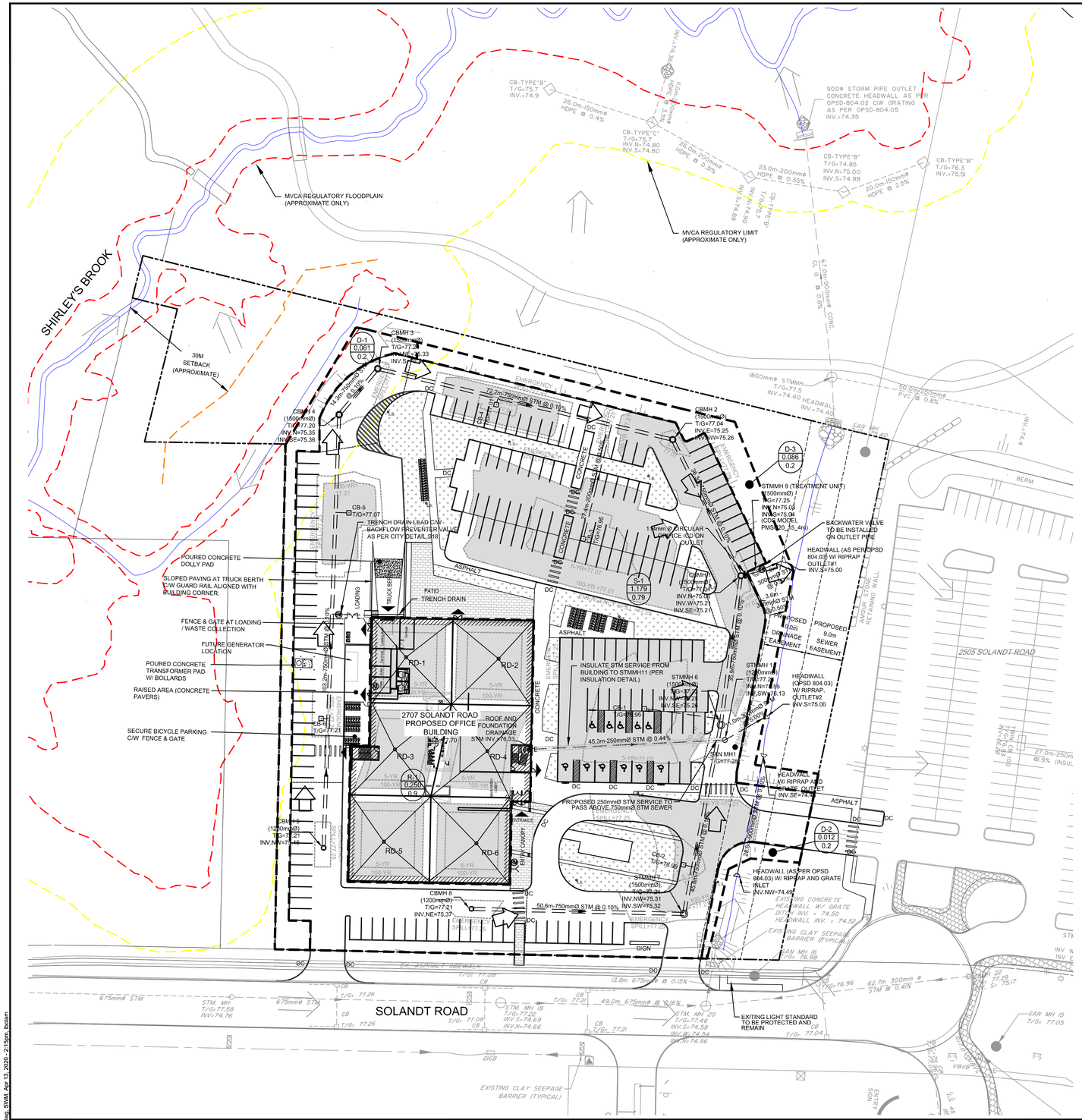

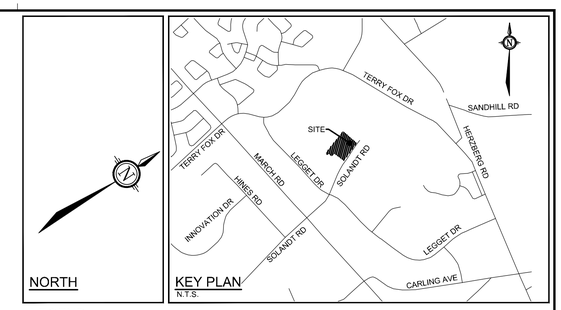

LEGEND

- PROPOSED BARRIER CURB
- DC — PROPOSED DEPRESSED CURB
- DRAINAGE AREA LIMITS
- 5-YEAR=77.07 / 100-YEAR=77.21 / EMERGENCY SPILL = 77.25 — PONDING LIMITS AND ELEVATIONS
- S-1 / 0.145 / 0.89 — POST-DEVELOPMENT AREA ID; POST-DEVELOPMENT DRAINAGE AREA (ha); 1:5 YEAR WEIGHTED RUNOFF COEFICIENT
- STM MH — PROPOSED STORM MANHOLE
- CBMH — PROPOSED CATCHBASIN MANHOLE
- CB — PROPOSED CATCHBASIN
- RD — CONTROLLED FLOW ROOF DRAIN
- PROPOSED STORM SEWER
- ICD — PROPOSED INLET CONTROL DEVICE
- DIRECTION OF MAJOR OVERLAND FLOW
- PROPOSED BUILDING ENTRANCE / EXIT
- STM MH — EXISTING STORM MH & SEWER
- CB — EXISTING CATCHBASIN C/W CATCHBASIN LEAD
- MAXIMUM 3:1 SIDESLOPE
- MVCA REGULATORY FLOODPLAN (APPROXIMATE)
- MVCA REGULATORY LIMIT (APPROXIMATE)

STORMWATER MANAGEMENT NOTES:

1. REFER TO THE 'SITE SERVICING AND SWM REPORT' (R-2019-157) PREPARED BY NOVATECH FOR STORMWATER MANAGEMENT DETAILS.
2. CONTROLLED ROOF DRAINS ARE TO BE WATTS ADJUSTABLE FLOW CONTROL ROOF DRAINS SET ON THE FULLY EXPOSED WEIR OPENING (OR EQUIVALENT, SO THAT MAXIMUM 100-YEAR RELEASE RATES ABOVE ARE MET.)
3. SURFACE STORAGE INFORMATION IS PROVIDED IN THE 'SURFACE STORAGE TABLE' ON THE GRADING AND EROSION SEDIMENT CONTROL PLAN (119110-GR)

ROOF DRAIN TABLE

ROOF DRAIN NO.	ROOF DRAIN AREA (m^2)	5 YEAR RELEASE RATE	5 YEAR PONDING DEPTH	100 YEAR RELEASE RATE	100 YEAR PONDING DEPTH	5 YEAR STORAGE VOLUME	100 YEAR STORAGE VOLUME
RD1	394	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	5 m3	13 m3
RD2	392	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	5 m3	13 m3
RD3	432	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	6 m3	15 m3
RD4	477	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	7 m3	17 m3
RD5	403	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	6 m3	13 m3
RD6	398	2.5 L/S	5-10 cm	MAX. 3.0 L/S	10 -15 cm	5 m3	13 m3
TOTAL	2,496	15.0 L/S	N/A	MAX. 18.0 L/S	N/A	N/A	N/A

APPROVED ☑ **REFUSED** ☐

THIS _30_ DAY OF September, 2020

ERIN O'CONNELL, MCIP, RPP, MANAGER (A)
DEVELOPMENT REVIEW, WEST
PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

REFER TO 119110-GP FOR ADDITIONAL NOTES

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.

No.	REVISION	DATE	BY
4.	REVISED PER CITY COMMENTS	APR 13/2020	GJM
3.	REVISED PER CITY COMMENTS	FEB 28/2020	GJM
2.	REVISED PER CITY COMMENTS	JAN 17/2020	GJM
1.	ISSUED WITH SITE SERVICING & SWM REPORT	OCT 9/2019	GJM

SCALE 1:500

DESIGN LGB
CHECKED JAG
DRAWN RJG
CHECKED LGB
APPROVED GJM

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER L. G. BOLAM 100523457 PROVINCE OF ONTARIO
LBolam 13-Apr-2020

LICENSED PROFESSIONAL ENGINEER G.J. MacDONALD Apr 13/20 PROVINCE OF ONTARIO

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LOCATION
CITY OF OTTAWA
2707 SOLANDT ROAD

DRAWING NAME
STORMWATER MANAGEMENT PLAN

PROJECT No. 119110
REV REV # 4
DRAWING No. 119110-SWM

CITY FILE NO. D07-12-19-0172

CITY PLAN NO. 18039

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