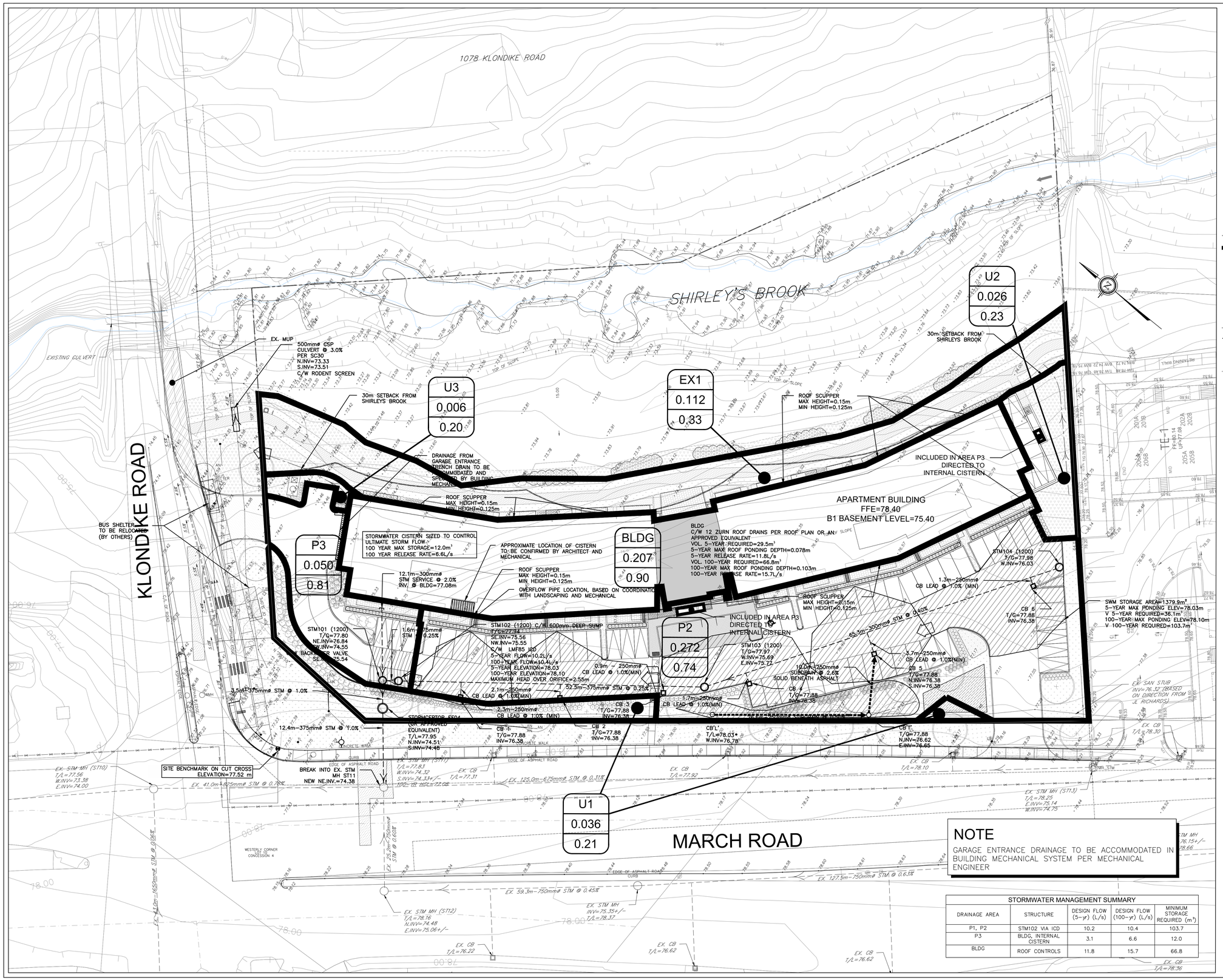
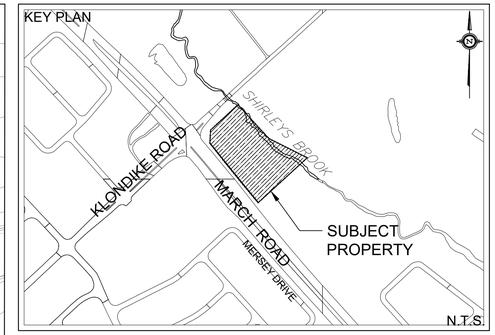


NOTE

GARAGE ENTRANCE DRAINAGE TO BE ACCOMMODATED IN BUILDING MECHANICAL SYSTEM PER MECHANICAL ENGINEER

STORMWATER MANAGEMENT SUMMARY				
DRAINAGE AREA	STRUCTURE	DESIGN FLOW (5-yr) (L/s)	DESIGN FLOW (100-yr) (L/s)	MINIMUM STORAGE REQUIRED (m³)
P1, P2	STM102 VIA ICD	10.2	10.4	103.7
P3	BLDG, INTERNAL CISTERN	3.1	6.6	12.0
BLDG	ROOF CONTROLS	11.8	15.7	66.8

KEY PLAN



LEGEND

- PROPERTY LINE
- DRAINAGE BOUNDARY
- A2 / 0.199 / 0.6 — AREA ID / AREA (ha) / RUNOFF COEFFICIENT
- PROPOSED SWALE
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED AREA DRAIN
- EXISTING STORM SEWER
- EXISTING CATCH BASIN
- EXISTING CATCH BASIN MANHOLE
- MAXIMUM ELEVATION PONDING
- OVERLAND FLOW DIRECTION

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY J.D.BARNES LTD.
PROJ. NO. 17-10-136-00
DATED JULY 18, 2018

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY PROJECTI STUDIO
PROJ. NO. 11 802
DATED JANUARY 22, 2021

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY GEOFIRMA ENGINEERING LTD.
PROJ. NO. 18-208-2
DATED JULY 13, 2018

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 18-1039
DATED FEBRUARY 2021

BENCH MARK
TOP OF CUT CROSS ELEVATION=77.52m
LOCATED AT THE INTERSECTION OF MARCH ROAD AND KLONDIKE ROAD

No.	BY	YY.MM.DD	DESCRIPTION
7	A.J.G.	21.02.25	ISSUED FOR MUNICIPAL REVIEW
6	A.J.G.	21.02.16	ISSUED FOR MUNICIPAL REVIEW
5	A.J.G.	20.10.30	ISSUED FOR MUNICIPAL REVIEW
4	A.J.G.	20.05.28	ISSUED FOR MUNICIPAL REVIEW
3	A.A.S	18.12.20	ISSUED FOR MUNICIPAL REVIEW
2	A.A.S	18.08.23	ISSUED FOR MUNICIPAL REVIEW
1	B.N.C	18.08.17	ISSUED FOR MUNICIPAL REVIEW

PROJECT No18-1039

LICENSED PROFESSIONAL ENGINEER — A. J. GOSLING 100226726 — PROVINCE OF ONTARIO

STORMWATER MANAGEMENT PLAN
788 MARCH ROAD

© DSEL

10731854 CANADA INC
47 Clarence Street, Suite 406
Ottawa, Ontario, K1N 9K1

DSEL
david schaeffer engineering ltd
SMART SUBDIVISIONS™
120 Iber Road Unit 103
Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
www.DSEL.ca

DRAWN BY:	A.J.G.	CHECKED BY:	A.D.F.	DRAWING NO.	SHEET NO.
DESIGNED BY:	A.J.G.	CHECKED BY:	S.J.P.	SWM-1	1 of 1
SCALE:	1:300	DATE:	MAY 2020		

CITY FILE No. D07-12-18-0128 CITY PLAN No. 17779

z:\projects\18-1039_omnipex_788 march road\b_design\b2_drawings\b2-2_main (dsel)\subm 3\2021-02-25_1039_spa.dwg