HEMLOCK ROAD

1.75m BIKE PATH

2.0m CONC. SIDEWALK

1.75m BIKE PATH

CODD'S ROAD

3.6m MULTI USE PATH

BUILDING A
FFE=89.39

BUILDING B
FFE=88.82

BUILDING C
FFE=88.31

BUILDING D
FFE=88.49

PHASE 1
PHASE 2

BLD D
0.146
0.90

A1
1.100
0.82

UJ1
0.218
0.75

BLD C
0.146
0.90

BREAK INTO EX. 3000mm STM
PER CITY STD.S11.2
EX. OBV=84.46
PROP. INV=82.96
STM CROSSING EX. SAN
SAN OBV=82.93
STM INV=83.23
STM CROSSING EX. WTR
WTR INV=84.82
STM OBV=84.52

CBMH10A
T/L=88.10
E.INV=83.32
S.INV=85.76
W.INV=85.27

1.4m - 450mmø STM (E&W VALVE)
INV @ BLDG=83.38
1.2m - 200mmø OVERFLOW
INV @ 85.82

SOLENO UNDERGROUND STORAGE
SYSTEM SOLFLO MAX 600mmø
SUBDRAIN
VOL=38m3
INV=85.22

1.2m 200mmø STM @ 1.0%

2.4m 200mmø ROOF DRAIN @ 1.0%
(MIN) TO BE SPECIFIED BY MECHANICAL

CB1
T/L=87.70
N.INV=85.82
E.INV=86.10

EXPOSED FOUNDATION
ELEV=88.31(MIN)

2.4m-200mmø ROOF DRAIN @ 1.0% (MIN)
TO BE SPECIFIED BY MECHANICAL

EXPOSED FOUNDATION
ELEV=88.75(MIN)

EXISTING CB TO BE
REMOVED AND LEAD
CAPPED AT PROPERTY
LINE

CBMH10Z
T/L=87.90
E.INV=85.94
S.INV=85.94

1.3m - 200mmø OVERFLOW INV @ 86.00

7.3m - 200mmø STM

SOLENO UNDERGROUND STORAGE
SYSTEM SOLFLO MAX 600mmø
SUBDRAIN
VOL=28m3
INV=85.40

CB2
T/L=87.70
N.INV=86.30
W.INV=86.00

1.2m 200mmø STM @ 1.0%

APPROXIMATE LOCATION OF INTERNAL CISTERN
PER MECHANICAL SPECIFICATIONS
VOL=121.0 m3
5-YR FLOW RATE = 243.1 L/s
5-YR MAX STORAGE REQ'D = 56.4m3
100-YR FLOW RATE = 355.6 L/s
100-YR MAX STORAGE REQ'D = 121.0m3

OUTLINE OF
INTERNAL CISTERN

RAMP TO U/G PARKING TO
TO BE DESIGNED BY
ARCHITECT

LANDSCAPING AREA TO BE
DESIGNED BY ARCHITECT

FIRE ROUTE

FULLY DEPRESSED CURB AND
SIDEWALK PER CITY STD SC7.1

AD101** T/L=88.47
AD102** T/L=88.32
AD103** T/L=88.46**
AD104** T/L=87.92**
AD105** T/L=88.92
AD106** T/L=87.88
AD107** T/L=88.32
AD108** T/L=88.33
AD109** T/L=88.37
AD110** T/L=88.49
AD111A** T/L=88.47
AD111B** T/L=88.47

BAREILLE-SNOW STREET

1.8m CONC. SIDEWALK

123m TEMPORARY DITCH @ 0.50%

108m TEMPORARY DITCH @ 1.00%

22m TEMPORARY DITCH

MIKINAK ROAD

2.0m CONC. SIDEWALK

KEY PLAN

SUBJECT PROPERTY

N.T.S.

LEGEND

EX6
4.010
0.19

DRAINAGE AREA ID
AREA IN Ha
RATIONAL METHOD RUNOFF COEFFICIENT

PROPERTY LINE
PROPOSED STORM SEWER
DRAINAGE DIVIDE
PROPOSED AREA DRAIN TO BE SPECIFIED AND ACCOMMODATED BY MECHANICAL ENGINEER
MAJOR SYSTEM FLOW ROUTE

NOT FOR CONSTRUCTION

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY MATTAMY HOMES.
PROJ NO. 17045
RECIEVED MARCH 15, 2020

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
PROJ. NO. PG4064-2
DATED AUGUST 2017

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 17-947
DATED MARCH 2020

BENCH MARK
ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCHMARK NO. 396
ELEV= 95.06 METERS

No.	BY	YY.MM.DD	DESCRIPTION
4	C.M.K.	20.03.24	ISSUED FOR MUNICIPAL REVIEW
3	C.M.K.	19.11.06	ISSUED FOR MUNICIPAL COORDINATION
2	A.J.G.	19.10.17	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	18.05.25	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 17-947

LICENCE PROFESSIONAL ENGINEER
J. AILEY
100079299
2020/03/24
PROVINCE OF ONTARIO

STORMWATER MANAGEMENT PLAN
WATERIDGE - BLOCK 19

© DSEL

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www.DSEL.ca

DRAWN BY:	A.W.T.	CHECKED BY:	S.L.M.	DRAWING NO.	SHEET NO.
DESIGNED BY:	B.N.C.	CHECKED BY:	A.D.F.	SWM-1	1 of 1
SCALE:	1:300	DATE:	MAY 2018		

D07-12-18-0086

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