



- LEGEND**
- PROPERTY LINE
 - - - PROPOSED STORM SEWER
 - DRAINAGE DIVIDE
 - - - PROPOSED SWALE
 - - - PROPOSED PERFORATED SUBDRAIN
 - ➔ MAJOR SYSTEM FLOW ROUTE
 - EX6
4.010
0.19
 - DRAINAGE AREA ID
 - AREA IN Ha
 - RATIONAL METHOD RUNOFF COEFFICIENT
 - PROPOSED STORM MANHOLE
 - PROPOSED FOUNDATION MANHOLE (WATERTIGHT COVER PER QPSD 401.030)
 - PROPOSED CATCH BASIN
 - PROPOSED CB 'T' OR 'CB 'L'
 - ▨ SURFACE PONDING AREA
 - ▨ INTERMEDIATE PONDING
 - ▨ MAX PONDING
 - ▨ INTERMEDIATE PONDING

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
 TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
 PROJ. NO. 4615-03
 DATED AUGUST 13, 2003

SITE PLAN INFORMATION
 SITE PLAN PROVIDED BY M. DAVID BLAKELY ARCHITECT INC.
 DATED JULY 25, 2017

GEOTECHNICAL STUDY
 GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
 PROJ. NO. PG0267-1
 DATED JULY 5, 2004

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
 SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
 PROJ. NO. 17-919
 DATED AUGUST 2017

BENCHMARK
 BENCHMARK AT THE TOP OF SPINDLE LOCATED NORTH OF THE SUBJECT SITE
 ELEV=92.90m

No.	BY	YY.MM.DD	DESCRIPTION
2	A.J.G.	17.08.01	ISSUED FOR MUNICIPAL REVIEW
1	B.N.C.	17.04.19	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 17-919

2017-08-01 Issued 17-919

STORMWATER MANAGEMENT PLAN
 146 MOUNTSHANNON DRIVE © DSEL

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DRAWN BY: B.N.C.	CHECKED BY: R.D.F.	DRAWING NO. SWM-1	SHEET NO. 1 of 4
DESIGNED BY: B.N.C.	CHECKED BY: A.D.F.	SCALE: 1:400	DATE: AUGUST 2017

PONDING AVAILABLE "A10"

Elev(m)	d(m)	Area(m ²)	V.acc(m ³)
90.25	0.00	0.00	0.00
91.44	1.19	0.40	2.10
91.59	0.15	11.2	2.80
91.69	0.10	75.1	6.60

PONDING AVAILABLE "A1-9"

Elev(m)	d(m)	Area(m ²)	V.acc(m ³)
88.88	0.00	0.00	0.00
92.32	3.44	0.40	102.10
92.37	0.05	308.60	107.40
92.42	0.05	1452.70	147.90
92.57	0.15	6526.40	700.60

