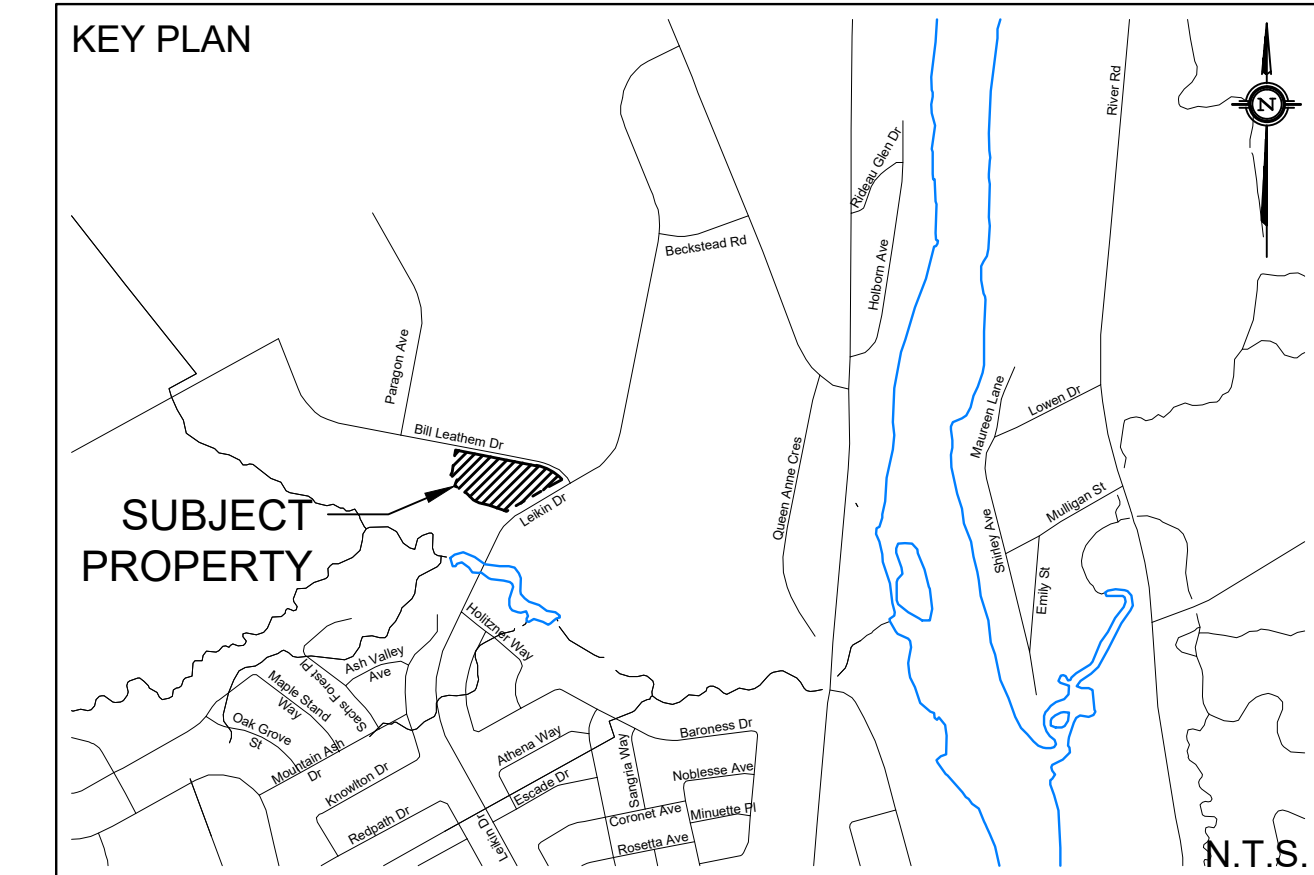


STORAGE AVAILABLE 'A1+EX1':

DESCRIPTION	Elev.(m)	Del.d(m)	Area(m ²)	V.acc(m ³)
ICD INV.	85.97	0.00	N/A	0.0
STORAGE PIPE SL	86.23	0.26	N/A	0.0
STORAGE PIPE OBV	86.50	0.26	N/A	0.0
T/L	89.05	2.55	0.4	0.30
0.15m PONDING	89.20	0.15	689.5	35.70
0.30m PONDING	89.35	0.15	2990.4	291.40
V 5-YEAR REQUIRED=	84.90m ³			
V 100-YEAR REQUIRED=	256.80m ³			
V AVAILABLE=	291.40m ³			



LEGEND

- PROPERTY LINE
- PROPOSED STORM SEWER
- DRAINAGE DIVIDE
- PROPOSED SWALE
- PROPOSED PERFORATED SUBDRAIN
- MAJOR SYSTEM FLOW ROUTE
- DRAINAGE AREA ID
- AREA IN HO
- RATIONAL METHOD RUNOFF COEFFICIENT
- SURFACE PONDING AREA
- MAX PONDING
- INTERMEDIATE PONDING
- PROPOSED STORM MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED CB 'T'

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
 TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS INC.
 PROJ. NO. 161613463-111
 DATED FEBRUARY 29, 2016

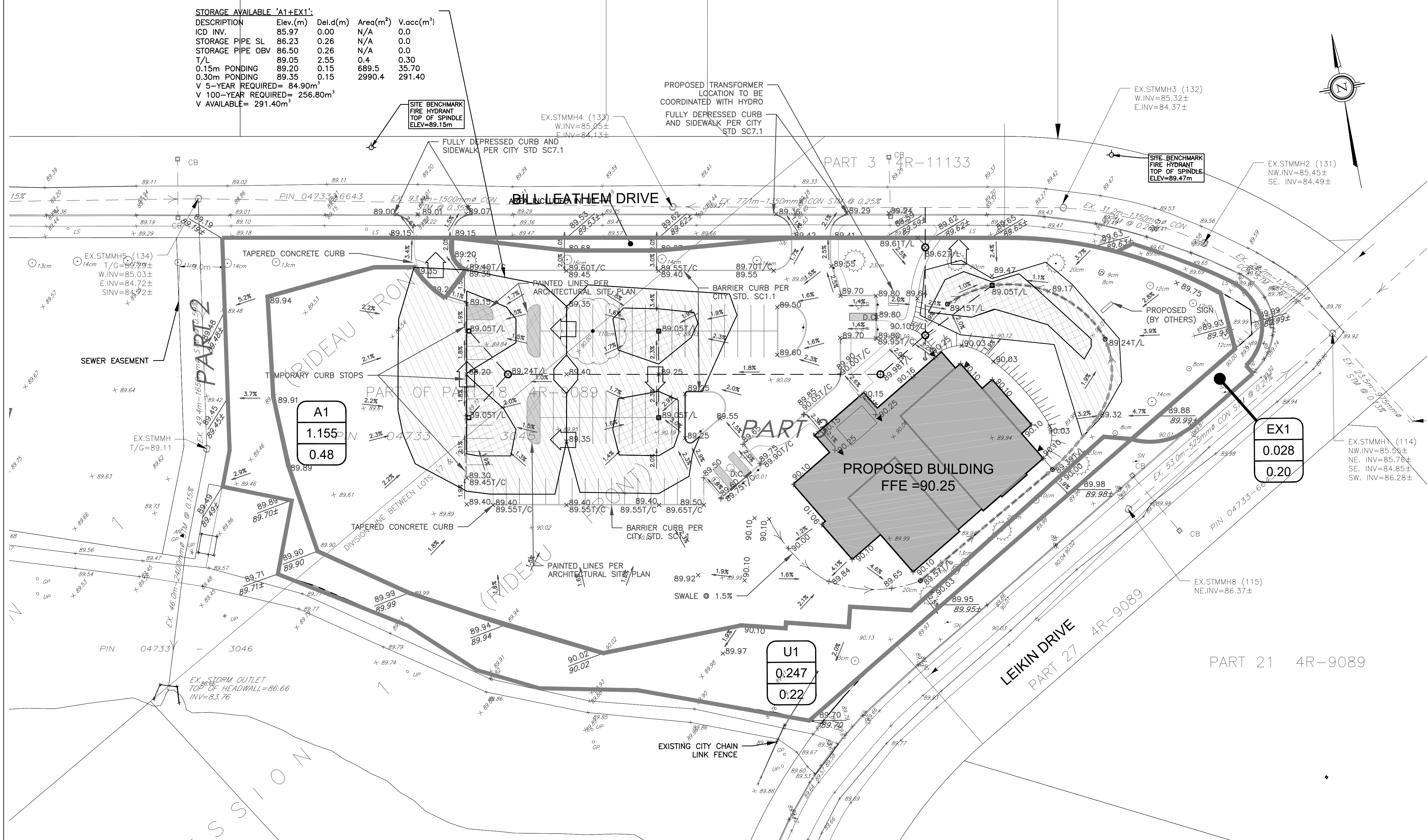
SITE PLAN INFORMATION
 SITE PLAN PROVIDED BY VANDENBERG & WILDEBOER ARCHITECTS
 PROJ. NO. 1502
 DATED OCTOBER 21, 2016

GEOTECHNICAL STUDY
 GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
 PROJ. NO. PG3792-1
 DATED APRIL 8, 2016

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
 SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
 PROJ. NO. 16-855
 DATED APRIL 12, 2016

BENCH MARK
 TOP OF SPINDLE OF FIRE HYDRANT LOCATED NORTH EAST OF SITE
 ELEV=89.47
 TOP OF SPINDLE OF FIRE HYDRANT LOCATED NORTH WEST OF SITE
 ELEV=89.15

No.	BY	YY.MM.DD	DESCRIPTION
2	A.J.G.	16.10.21	ISSUED FOR MUNICIPAL REVIEW
1	A.J.G.	16.04.19	ISSUED FOR MUNICIPAL REVIEW

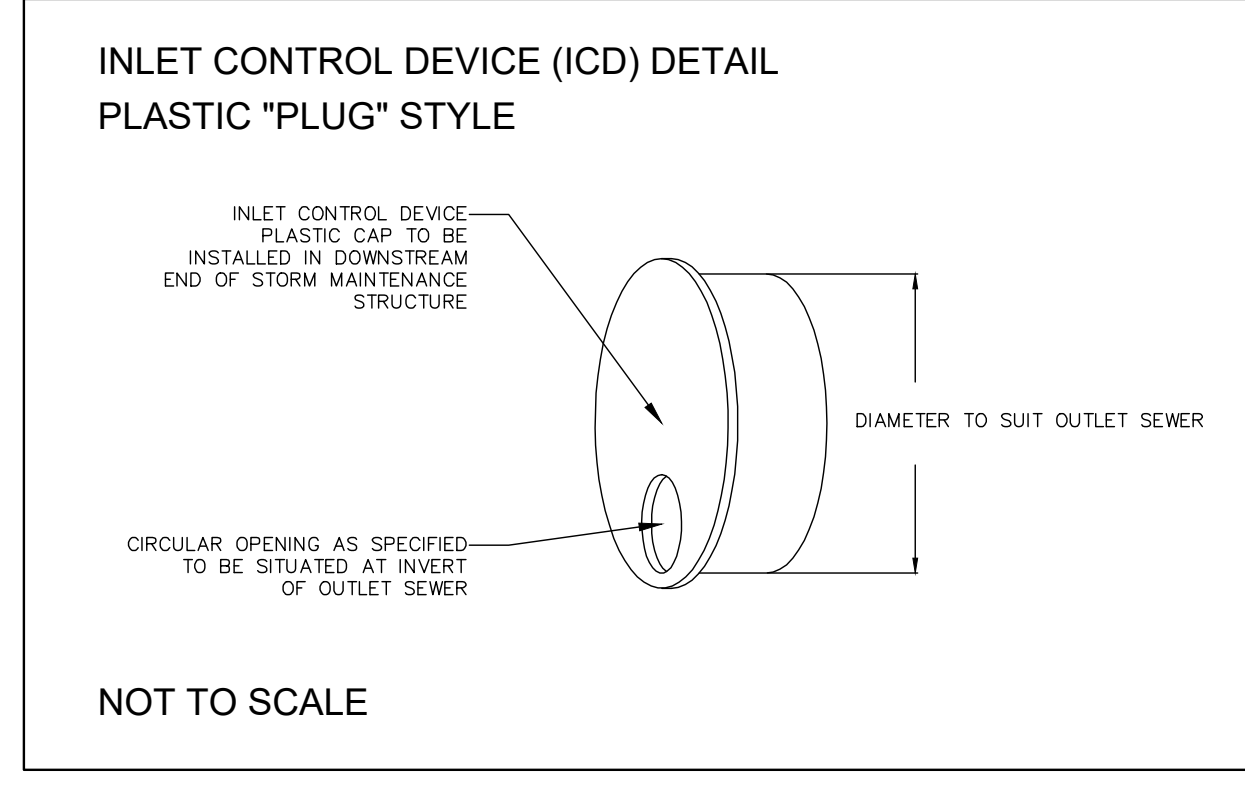


A1
1.155
0.48

EX1
0.028
0.20

U1
0.247
0.22

EX6
4.010
0.19



PROJECT No. 16-855

STORMWATER MANAGEMENT PLAN
 102 BILL LEATHEN DRIVE © DSEL

THE SALVATION ARMY BARRHAVEN CHURCH
 2 Overlea Boulevard
 Toronto, Ontario, M4H 1P4

DSEL
 david schaeffer engineering ltd
 SMART SUBDIVISIONS™

120 Iker 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:	R.D.F.	DRAWING NO.	SHEET NO.
DESIGNED BY:	R.D.F.	CHECKED BY:	A.D.F.	SWM-1	1 of 2
SCALE:	1:400	DATE:	OCTOBER 2016		