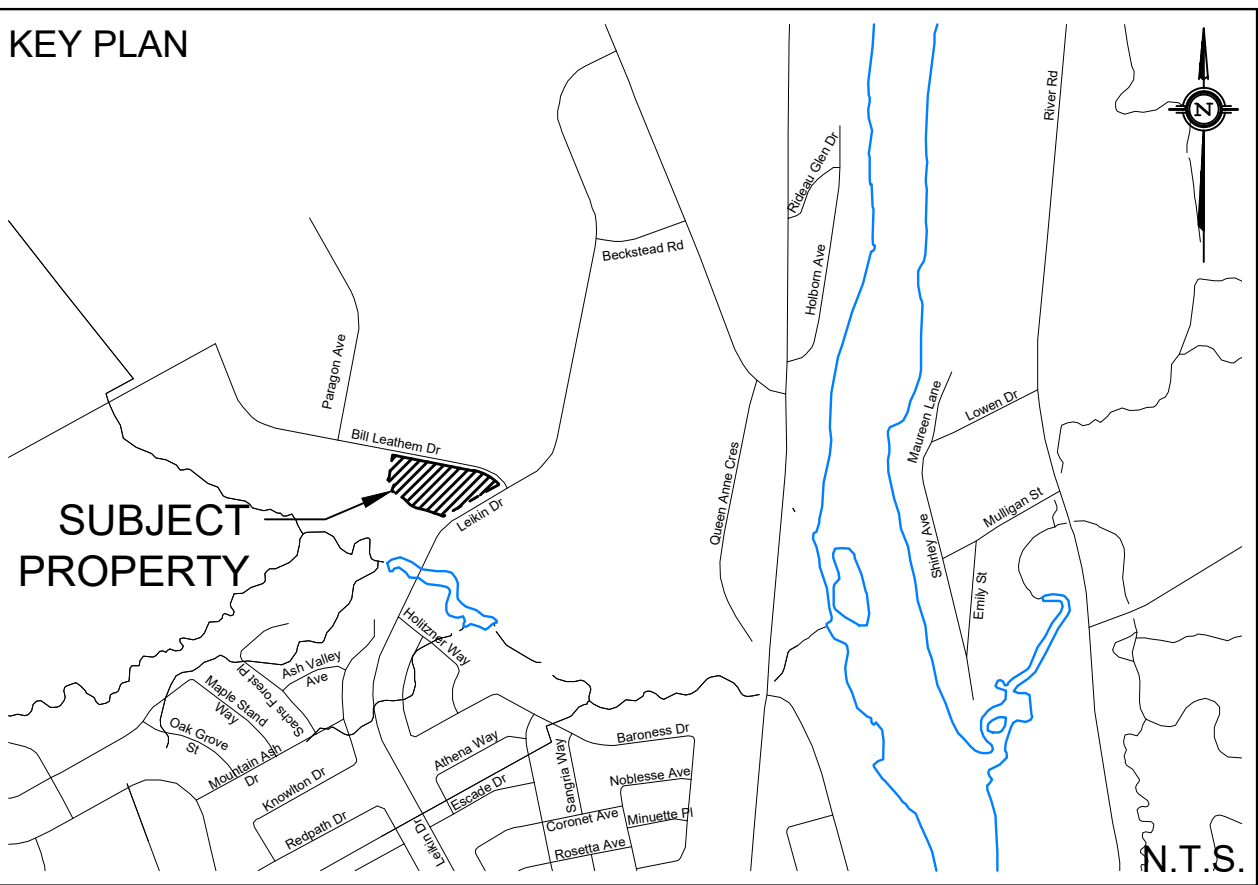




	PROPERTY LINE		PROPOSED HEAVY DUTY ASPHALT
	PROPOSED SWALE		PROPOSED STORM MANHOLE
	EXISTING SPOT ELEVATION		PROPOSED SANITARY MANHOLE
	PROPOSED SPOT ELEVATION		PROPOSED CATCH BASIN
	PROPOSED TOP OF CURB ELEVATION		
	PROPOSED BOTTOM OF WALL ELEVATION		PROPOSED FIRE HYDRANT
	PROPOSED TOP OF WALL ELEVATION		MAJOR SYSTEM FLOW ROUTE
	PROPOSED TOP OF LID ELEVATION		SURFACE PONDING AREA
	EXISTING GRADE AND DIRECTION		
	PROPOSED GRADE AND DIRECTION		
	PROPOSED 3:1 TERRACING		
	PROPOSED/EXISTING SPOT ELEVATION		

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

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

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

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

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

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

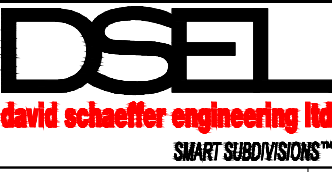


GRADING PLAN - PHASE I

102 BILL LEATHEN DRIVE

© DSEI

2 Overlea Boulevard
Toronto, Ontario, M4H 1P4



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:	R.D.F.	DRAWING NO.	SHEET NO.
DESIGNED BY:	R.D.F.	CHECKED BY:	A.D.F.	GP-2	3 of 6
SCALE:	1: 400	DATE:	OCTOBER 2016		

PRIOR TO THE COMMENCEMENT OF THE SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL PRIOR EROSION CONTROL MEASURES.

2. GRANULAR LAYER AND PAVEMENT FORDS/PARKING AREAS SHALL BE CONSTRUCTED IN ACCORDANCE WITH GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

3. ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE STRIPPED WITHIN THE ROAD AND PARKING AREAS ALLOWANCE PRIOR TO CONSTRUCTION AND CONFINEMENT OF CONSTRUCTION.

4. CONCRETE CURBS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC1.1. PROVISION SHALL BE MADE FOR CURBS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF OTTAWA STD. SC1.4. ALL CURBS, CONCRETE ISLANDS, AND SIDEWALKS SHOWING IN THIS DRAWING ARE TO BE PRICED IN THE SITEMWORKS PORTION OF THE CONTRACT.

5. PAYMENT RESTRAINTMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA STD. RD1 AND OPSD 508.010, AND OPSD 310.

6. GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm around ALL STRUCTURES WITHIN THE PAVEMENT AREAS.

7. SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR "B" COMPACTED IN MAXIMUM 300mm LIFTS.

8. ALL WORK ON THE MUNICIPAL ROAD OF WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

9. CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD AND ALLOWANCE, IF REQUIRED, BY THE MUNICIPALITY.

10. ALL SIGNAGE TO BE INSTALLED BY THE CONTRACTOR. SIGNAGE SHALL BE PLACED PER ARCHITECTURAL SITE PLAN. LINE PAINTING AND ALLEGORICAL SYMBOLS SHALL BE APPLIED WITH A MINIMUM OF TWO COATS OF ORGANIC SOLVENT PAINT.

11. ALL STRUCTURES TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF OTTAWA STD. SC1.1 AND SC1.4.

12. STEP JOINTS ARE TO BE USED WHERE PROPOSED ASPHALT MEET EXISTING ASPHALT. ALL JOINTS MUST BE SEALED.

13. SIDEWALKS TO BE 150mm and REVISED AT 21" OR 6mm WITH NO DEPTH REQUIRED BELOW THE FINISHED FLOOR SLAB AND 150mm MINIMUM FOR SIDEWALKS, UNLESS OTHERWISE NOTED. ALL IN ACCORDANCE WITH CBC 3.8.1.3 AND APPRAU ACCESSIBILITY DESIGN STANDARDS.

14. WHERE APPLICABLE THE CONTRACTOR IS TO SUBMIT SHOP DRAWINGS FOR RETAINING WALL IN ACCORDANCE WITH THE CITY OF OTTAWA STD. SC1.1. ALL RETAINING WALLS SHALL BE DESIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER. THE CONTRACTOR WILL ALSO BE REQUIRED TO SUPPLY STRUCTURAL AND GEOTECHNICAL CERTIFICATION OF THE AS-CONSTRUCTED RETAINING WALL TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

50mm HL3 ASPHALTIC CONCRETE
150mm GRANULAR 'A'
300mm GRANULAR 'B' TYPE II
SUBGRADE

40mm HL3 ASPHALTIC CONCRETE
50mm HL6 ASPHALTIC CONCRETE
150mm GRANULAR 'A'
400mm GRANULAR 'B' TYPE II
SUBGRADE

- [illegible]