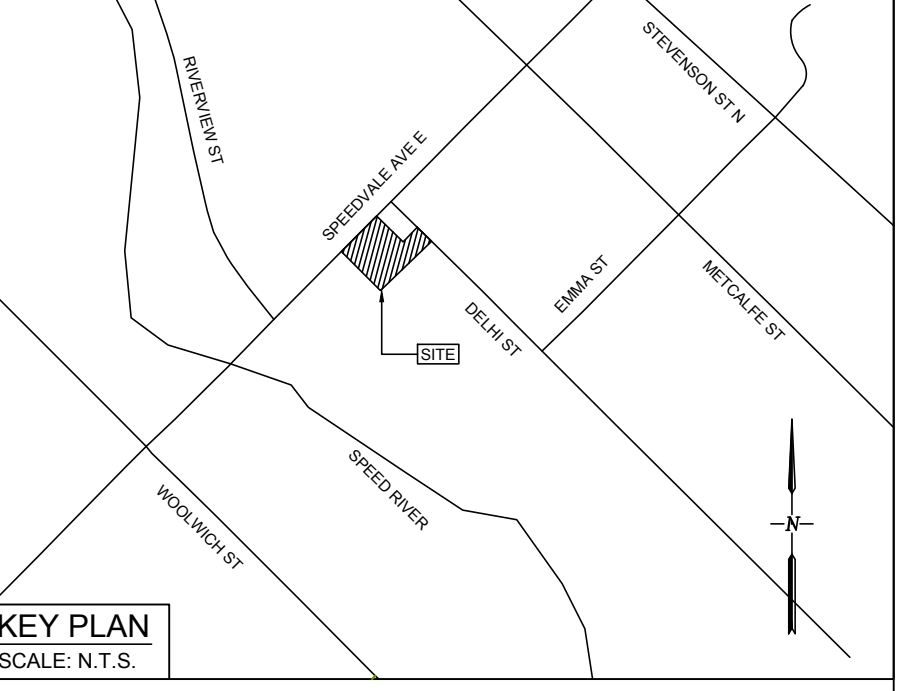


**GENERAL NOTES:**

- ALL WORK TO CONFORM TO THE LATEST CITY OF GUELPH STANDARD DRAWINGS AND SPECIFICATIONS AS WELL AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.
- ALL WORK SHALL COMPLY WITH THE STANDARD DRAWINGS AND SPECIFICATIONS OF THE CITY OF GUELPH AND WELINGTON COUNTY, AS WELL AS THE LATEST ADOPTED ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION.
- ALL TRENCHES WITHIN EXISTING RIGHT OF WAY SHALL BE BACKFILLED WITH UNSHRINKABLE FILL. TEMPORARY REPAIRS TO UTILITY CUTS WILL BE AS PER MUNICIPAL CONSENT REQUIREMENTS, APPENDIX D, TEMPORARY REPAIRS TO UTILITY CUTS.
- THE CONTRACTOR SHALL RECTIFY ALL DISTURBED AREAS TO THE ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE CITY.
- PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL RIGHT OF WAY, THE CONTRACTOR OR DEVELOPER OR CONSULTANT WILL OBTAIN ALL NECESSARY ROAD OCCUPANCY PERMITS FROM THE CITY'S RIGHT-OF-WAY MANAGEMENT UNIT.
- THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH UTILITY PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTORS EXPENSE.
- RELOCATION OF ALL EXISTING UTILITIES THAT MAY CONFLICT WITH THE PROPOSED WORKS IS TO BE COMPLETED AT THE OWNER'S EXPENSE AND SUBJECT TO APPROVAL BY THE GOVERNING AGENCIES.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS AND REPORTS:
  - FUNCTIONAL SERVICING AND SWM REPORT, PREPARED BY R.J. BURNSIDE & ASSOCIATES LTD., DATED DECEMBER 2018

**SITE GRADING:**

- ALL DISTURBED GRASSED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER WITH SOO OR MIN. 100mm TOPSOIL. THE RELOCATION OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR ENGINEER.
- ALL GRANULAR BASE AND SUB-BASE MATERIALS SHALL BE GRADED AND COMPACTED TO 98% AS PER THE GEOTECHNICAL REPORT.
- THE PAVEMENT STRUCTURE SHALL BE CONSTRUCTED AS PER THE GEOTECHNICAL REPORT, OR A MINIMUM OF THE FOLLOWING:
  - LIGHT DUTY ASPHALT:
    - 40mm HL3 ASPHALT
    - 35mm HL3 ASPHALT
    - 150mm - GRANULAR "A" BASE
    - 200mm - GRANULAR "B" BASE
  - HEAVY DUTY ASPHALT:
    - 50mm HL3 ASPHALT
    - 40mm HL3 ASPHALT
    - 150mm - GRANULAR "A" BASE
    - 400mm - GRANULAR "B" BASE
- PROVIDE SUBDRAINS, MINIMUM LENGTH OF 3.0m, EXTENDING FROM ALL CATCHBASINS AND CATCHBASIN MANHOLES TO DRAIN THE GRANULAR SUB-BASE LAYER.
- ALL BARRIER CURB WITHIN THE SITE TO BE CONSTRUCTED AS PER OPSD 600.110, UNLESS OTHERWISE SPECIFIED.
- TRENCH BACKFILL WITHIN THE RIGHT-OF-WAY SHALL BE UNSHRINKABLE FILL AND SHALL EXTEND TO THE BASE OF ASPHALT.
- ALL WORK SHALL BE SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE CITY OF GUELPH / REGION OF WATERLOO ROAD OCCUPANCY PERMIT.
- INSPECTIONS: ALL WORK WITHIN THE MUNICIPAL RIGHT-OF-WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY WHEN REQUIRED BY THE MUNICIPALITY.
- REFER TO THE SITE PLAN FOR DIMENSIONS, AND SITE DETAILS.
- STEP JOINTS ARE TO BE USED WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT. ALL JOINTS MUST BE SEALED.
- EMBANKMENTS TO BE SLOPED AT MAX. 3:1, UNLESS OTHERWISE SPECIFIED.
- ALL PAVEMENT MARKING, LINE PAINTING, DIRECTIONAL LINES/ARROWS, ETC. SHALL BE PLACED IN ACCORDANCE WITH THE ARCHITECTURAL SITE PLAN OR THE OWNER'S TRAFFIC ENGINEERING CONSULTANTS DRAWINGS.
- WHERE APPLICABLE, THE CONTRACTOR IS TO SUBMIT SHOP DRAWINGS FOR THE RETAINING WALL (INCLUDE RAINLINS IF APPLICABLE) TO THE ENGINEER FOR APPROVAL. PRIOR TO CONSTRUCTION SHOP DRAWINGS MUST BE SITE SPECIFIC, SIGNED 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 FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER, 1 (ONE) SET OF AS-CONSTRUCTED SITE SERVICING, GRADING AND ELECTRICAL DRAWINGS (IN HARD PRINTS AND DIGITAL CAD FORMAT).



**LEGEND:**

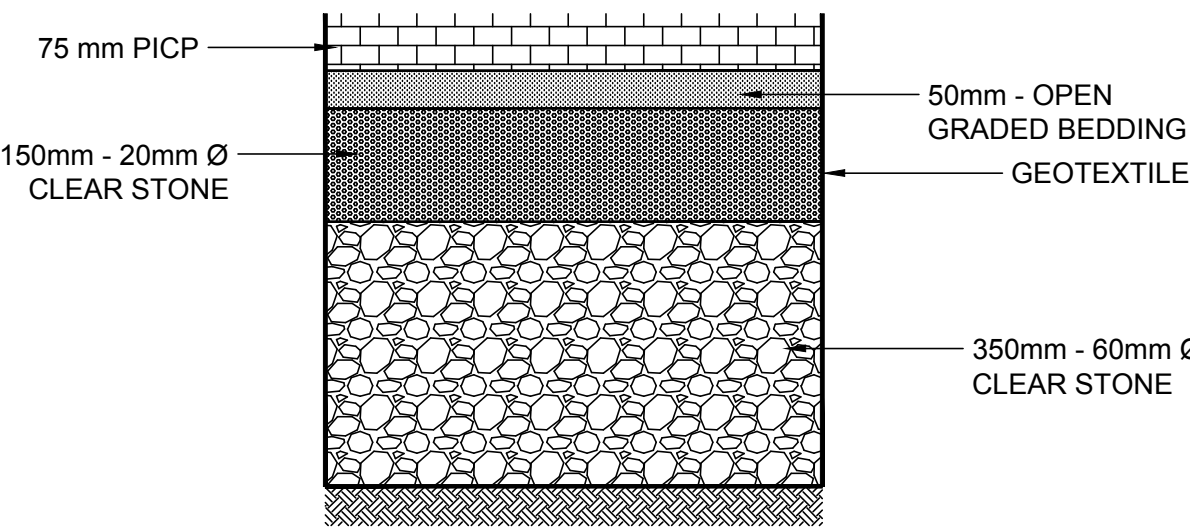
	SITE PROPERTY LINE
	SWALE
	EXISTING ELEVATIONS TO MATCH
	FINISHED GROUND ELEVATION
	PROPOSED SLOPES
	STORM CONNECTION
	SANITARY CONNECTION
	WATERMAIN CONNECTION
	RETAINING WALL

**SITE PLAN**  
 PREPARED BY: J. DAVID MAULEY ARCHITECT INC.  
 DATE: JULY 20, 2018  
**TOPOGRAPHIC & LEGAL**  
 PREPARED BY: BLACK, SHOEMAKER, ROBINSON & DONALDSON ONTARIO LAND SURVEYORS  
 TOPO DATE: JANUARY 22, 2016  
**BENCHMARK NOTES**  
 N/A

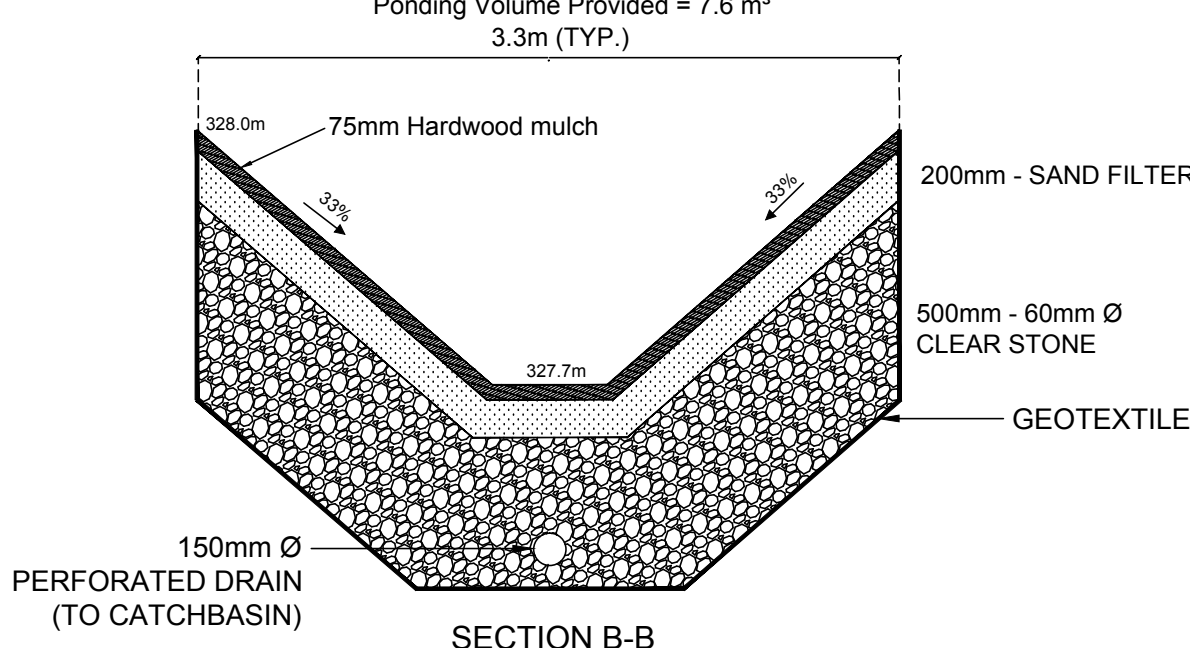
Notes:  
 1. This drawing is the exclusive property of R. J. Burnside & Associates Limited. The reproduction of any part without prior written consent of this office is strictly prohibited.  
 2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.  
 3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

**NOT FOR CONSTRUCTION**

No.	Issue / Revision	Date	Auth.
1	ISSUED FOR FIRST SUBMISSION	2018-12-12	TE



**SECTION A-A**  
BIORETENTION CELL  
N.T.S.



**SECTION B-B**  
BIORETENTION CELL  
N.T.S.

**BURNSIDE**  
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 Guelph, Ontario, N1H 1C4  
 Telephone (519) 823-4995  
 Fax (519) 828-5477  
 web www.rjburnside.com

Client  
**MIKE FORTIN**  
 207 SPEEDVALE AVE E  
 GUELPH  
 N1E 1M6

Drawing Title  
**RESIDENTIAL DEVELOPMENT**  
 205-213 SPEEDVALE AVE E  
 GUELPH, ON

**GRADING PLAN**

Drawn	Checked	Designed	Checked	Date	Drawing No.
AF	TE	AF	TE	04/05/2018	

Project No. 3030041770 Contract No. Revision No. **G1**

Scale: 1:200