



**LEGEND**

---	PROPERTY LINE
---	EXISTING WATERMAIN
---	EXISTING SANITARY SEWER
---	EXISTING STORM SEWER
--- --- ---	EXISTING BELL
---	EXISTING GAS
---	EXISTING UNDERGROUND HYDRO
○	EXISTING MANHOLE
⊙	EXISTING CATCH BASIN MANHOLE
⊕	EXISTING FIRE HYDRANT
⊕	EXISTING VALVE BOX
+	EXISTING SPOT ELEVATION

**NOT FOR CONSTRUCTION**

**TOPOGRAPHIC INFORMATION**  
 TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD  
 PROJ. NO. 161614149-110  
 DATED DECEMBER 16, 2019

**SITE PLAN INFORMATION**  
 SITE PLAN PROVIDED BY HOBIN ARCHITECTURE  
 PROJ. NO. 1936  
 DATED AUGUST 27, 2021

**GEOTECHNICAL STUDY**  
 GEOTECHNICAL RECOMMENDATIONS PROVIDED BY GHD  
 PROJ. NO. 11206675 (1)  
 DATED AUGUST 2020

**SITE SERVICING AND STORMWATER MANAGEMENT STUDY**  
 SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL  
 PROJ. NO. 19-1159  
 DATED APRIL 2021

**BENCH MARK**  
 TOP OF SPINDLE OF FIRE HYDRANT LOCATED AT BRISEBOIS CRESCENT NORTHEAST OF SUBJECT PROPERTY  
 ELEV=66.99

No.	BY	YY.MM.DD	DESCRIPTION
5	A.D.F.	21.12.16	REVISED PER MUNICIPAL COMMENTS
4	B.N.C.	21.08.31	REVISED SWM CHAMBERS / ROOF STORAGE
3	A.J.C.	21.05.07	REVISED RIP-RAP EXTENTS
2	B.N.C.	21.04.14	ISSUED FOR MUNICIPAL REVIEW
1	B.N.C.	20.11.20	ISSUED FOR MUNICIPAL REVIEW

- GENERAL NOTES**
- ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISION OF THE STANDARDS AND SPECIFICATIONS FOR THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARDS DRAWINGS (OPSD) AND SPECIFICATIONS (SPS), WHERE APPLICABLE. LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
  - THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
  - ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
  - ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
  - RELOCATION OF EXISTING SERVICES AND/OR UTILITIES SHALL BE AS SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER AT THE EXPENSE OF THE DEVELOPER.
  - ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE "CONTRACTOR" AS DEFINED IN THE ACT.
  - ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE MINISTRY OF TRANSPORTATION OF ONTARIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PER LATEST AMENDMENT.
  - THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES TO PREVENT CONFLICTS.
  - ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
  - THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS PRIOR WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER.
  - ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT.
  - ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SITE SERVICING AND STORMWATER MANAGEMENT REPORT.
  - ALL SEWERS CONSTRUCTED WITH GRADES LESS THAN 1.0% SHALL BE INSTALLED USING LASER ALIGNMENT AND CHECKED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
  - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND TO BEAR THE COST OF THE SAME.
  - THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING, OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH AS SPECIFIED BY OPSD IS EXCEEDED.
  - ALL PIPE / CULVERT SECTION SIZES REFER TO INSIDE DIMENSIONS.
  - SHOULD BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY.
  - ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING / REMOVAL.
  - DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL SITE PLAN.
  - THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER ONE SET OF AS CONSTRUCTED SITE SERVICING AND GRADING DRAWINGS.
  - BENCHMARKS: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION DEPICTED ON THIS PLAN.

*G Wildman*

**GERALDINE WILDMAN**  
 A/MANAGER, DEVELOPMENT REVIEW EAST BRANCH  
 PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT  
 DEPARTMENT, CITY OF OTTAWA

**APPROVED**  
 By Geraldine Wildman at 4:54 pm, Feb 10, 2022

PROJECT No19-1159

**LICENSED PROFESSIONAL ENGINEER**  
 A.D. FOBERT  
 100380525  
 2021-12-16  
 PROVINCE OF ONTARIO

REVIEWED BY

**EXISTING CONDITIONS PLAN**  
 211 CENTRUM BLVD

LE GROUPE MAURICE

2400, Rue Des Nations, Bureau 137  
 Saint-Laurent, Quebec, H4R 3G4  
 Tel. (514) 331-2788

**DSEL**  
 david schaeffer engineering ltd  
 SMART SUBCONTRACTORS™

120 Iber Road Unit 103  
 Stittsville, Ontario, K2S 1E9  
 Tel. (613) 836-0856  
 Fax. (613) 836-7183  
 www.DSEL.ca

DESIGNED BY: B.N.C. CHECKED BY: A.D.F. DRAWING NO. SHEET NO.  
 SCALE: 1:400 DATE: NOVEMBER 2020 EX-1 1 of 5