

1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE DATA SHOWN.
2. THE PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THESE BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED FROM INFORMATION SUPPLIED BY (OR SHOWN ON) J.D. BARNES LIMITED, PLAN 42A-24716 AND CANNOT BE RELIED UPON TO BE ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLE SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
3. DO NOT USE DRAWING USING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR TENDER", AND DO NOT CONSTRUCT USING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR CONSTRUCTION".
4. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF BELLAMUNA.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION. THESE DRAWINGS SHALL NOT BE USED FOR ANY LAYOUT OF STRUCTURAL COMPONENTS AND OTHER UTILITIES INCLUDING, BUT NOT LIMITED TO, FOOTINGS, FOUNDATION WALLS, FOUNDATION DRAINAGE, SHORING, ETC.
6. THE EXACT LOCATION OF ALL NEW SERVICES SHALL BE COORDINATED AND CONFIRMED ON SITE WITH THE ARCHITECTURAL AND STRUCTURAL PLANS. THE LOCATION OF ALL NEW SERVICES SHALL BE COORDINATED WITH THE LOCATION OF EXISTING UTILITIES, SERVICES, BUILDINGS AND ROADS, AS WELL AS THE FINAL BUILDING LAYOUT PRIOR TO INSTALLATION.
7. ABOVE GROUND APPURTENANCES INCLUDING, BUT NOT LIMITED TO, CURBS, SIDEWALKS, WALKWAYS, PLANTER BEDS, ETC. ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. THE EXACT LAYOUT OF THE APPURTENANCES ARE TO BE COORDINATED WITH THE ARCHITECTURAL AND LANDSCAPE PLANS.
8. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL, AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
9. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ADJACENT TO CONDITION EQUAL TO OR BETTER THAN THE CONDITION AS OF THE DATE OF THE SATISFACTION OF CITY AUTHORITIES.
10. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND CURBS, IN ACCORDANCE WITH THE TOWN OF BELLAMUNA'S EXISTING BY-LAW.
11. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILLS TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
12. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUEPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS, MEETING CITY REQUIREMENTS.
14. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY.
15. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY OF OTTAWA AND OPSI STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE GRADING AWAY FROM THE BUILDING.
16. THE CONTRACT CITY FOR IMPROVEMENTS SUCH AS GRADING OF PARKING AREAS, ROADWAYS AND SIDEWALKS. THE CONTRACTOR SHALL PLACE COORDINATE OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED BY THE CITY'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH/AND/OR SO.
17. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY, THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
18. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE UTILITIES ARE SUBJECT TO THE INDIVIDUAL DISCREPANCY. THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
19. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO OTTAWA, BEL, ENBRIDGE, ETC. AND THE CITY.
20. THE CONTRACTOR TO ENSURE ALL APPLICABLE CITY AND OPSI SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION.
21. FOR GEOELECTRIC AND HYDROGEOLOGICAL INFORMATION, REFER TO THE GEOELECTRIC INVESTIGATION REPORT FOR 788 MARCH ROAD, KANATA PREPARED BY GEOFORMA ENGINEERING, DATED DECEMBER 21, 2018, AND HYDROGEOLOGICAL STUDY, ESTIMATION OF GROUNDWATER INFLOW TO THE PROPOSED 788 MARCH ROAD DEVELOPMENT, KANATA PREPARED BY GEOFORMA ENGINEERING, DATED DECEMBER 21, 2018.
22. CIVIL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, LANDSCAPING, ELECTRICAL AND MECHANICAL PLANS.

1. ALL TPOSSLT AND ORGANIC MATERIAL SHALL BE STRIPPED WITHIN THE ROADWAY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. RESTORE ANY TRENCHES AND DISTURBED SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL, OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF TOWN AUTHORITIES.
3. CONCRETE CURBS AND SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD SPECIFICATIONS (BARRIER CURB, S&C MONOLITHIC SIDEWALK & CURB), AND S&C STANDARD SIDEWALK), UNLESS OTHERWISE SPECIFIED. PROVISIONS SHALL BE MADE FOR CURB DEPRESSIONS AT SIDEWALKS, DRIVEWAYS AND RAMPS INCLUDING TACTILE WALKWAY SURFACE. SURFACE FINISH TO BE REQUIRED PER S&C 504 AND S&C 5. WHERE SIDEWALK PANELS ARE BEING REINSTATED, FULL PANEL REPLACEMENT IS REQUIRED.
4. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY DETAIL R10, SPSS 059 010, SPSS 310.
5. GRANULAR 'A' SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.
6. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 100% SPMD0 OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
7. ASPHALT WEAR COURSE SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT TO THE SATISFACTION OF THE ENGINEER.
8. SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR 'B' COMPACTED IN MAXIMUM 300mm LIFTS AS DIRECTED BY A GEOTECHNICAL ENGINEER.

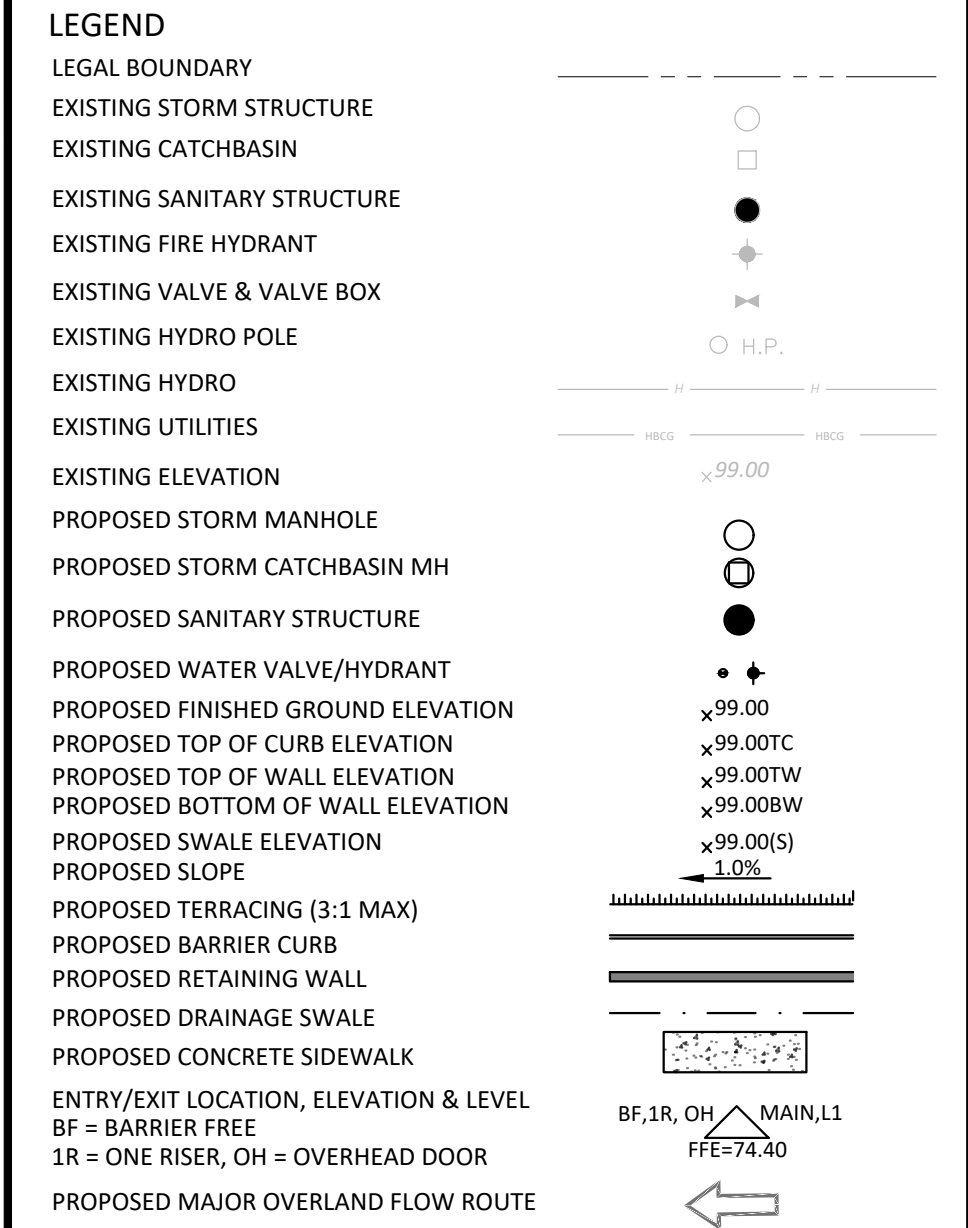
IN AREAS OF NEW PAVEMENT CONSTRUCTION, ALL SURFICIAL TPOSSLT AND ANY BARRIER/SIDEWALK/ CURB MATERIALS ARE TO BE REMOVED FROM THE PROPOSED SUBGRADE SURFACE. ANY SUBEXCAVATED AREAS SHOULD BE FILLED WITH COMPACTED FINE BORROW APPROVED BY A GEOTECHNICAL ENGINEER. THE SUBGRADE SURFACE IS TO BE CONTROLLED IN THE PRESENCE OF A GEOTECHNICAL ENGINEER. THE SUBGRADE SURFACE IS TO BE SHAPED AND CROWNED TO PROMOTE DRAINAGE OF THE GRANULAR MATERIALS.

10. ANY FILL REQUIRED TO MEET THE PROPOSED SUBGRADE ELEVATIONS FOR THE ACCESS DRIVEWAYS AND PARKING AREAS SHALL BE COMPACTED TO MEET OR EXCEEDS OPSS SPECIFICATIONS FOR GRANULAR B TYPE OR IL OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE MATERIALS ARE TO BE PLACED IN MAXIMUM 300mm THICK LIFTS AND COMPACTED TO 98% SPMD0 MINIMUM USING VIBRATORY COMPACT EQUIPMENT.

11. WHERE NEW PAVEMENT WILL ABUT EXISTING PAVEMENT, THE DEPTHS OF GRANULAR MATERIALS IS TO TAPER UP OR DOWN AT 5% HORIZONTAL TO 1 VERTICAL OR FLATTER, TO MATCH THE DEPTHS OF THE GRANULAR MATERIALS EXPOSED IN THE EXISTING PAVED

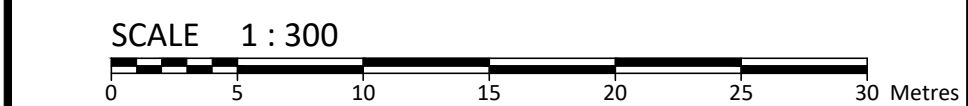
1. ASPHALT MATERIALS SHALL COMPLY WITH OPSS 310.
2. LIGHT DUTY PAVEMENT STRUCTURE:
 - 50mm HL-3 / SUPERPAVE 12.5mm TOP COURSE (PG58-34)
 - 150mm GRANULAR A' BASE
 - 300mm GRANULAR B' TYPE II SUB-BASE
3. HEAVY DUTY PAVEMENT STRUCTURE:
 - 40mm HL-3 / SUPERPAVE 12.5mm TOP COURSE (PG58-34)
 - 60mm HL-8 / SUPERPAVE 19.0mm BINDER COURSE (PG58-34)
 - 150mm GRANULAR A' BASE
 - 450mm GRANULAR B' TYPE II SUB-BASE
4. REFER TO GEOTECHNICAL INVESTIGATION REPORT FOR 788 MARCH ROAD, KANATA
PREPARED BY GEOTECHNICAL ENGINEERING LTD., DATED DECEMBER 21, 2018.
5. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR ALL TRAFFIC AREAS
ABOVE FOUNDATION.

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT GRADING AROUND HYDRANTS, TRANSFORMERS, AND UTILITY PEDESTALS, ETC., MEET CURRENT HYDRO AND UTILITY COMPANY REQUIREMENTS.
2. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCH BASIN OUTLETS ARE PROVIDED.
3. CONTRACTOR TO ADJUST EXISTING CATCH BASINS, MANHOLES, FIRE HYDRANTS, VALVE CHAMBERS AND VALVE BOXES TO FINAL GRADE AS REQUIRED.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING FOUNDATIONS OF ADJACENT BUILDINGS DURING EXCAVATION AND CONSTRUCTION PERIOD.
5. GRADING IN GRADED AREAS WILL BE BETWEEN 2% TO 7%. GRADES IN EXCESS OF 7% WILL REQUIRE A MAXIMUM 3% TERRACING.
6. ALL PIERVIOUS/LAWN AREAS TO BE TREATED WITH 100mm TOPSOIL & SEED OR SOD AS SOON AS FEASIBLE. EXCEPT WHERE NOTED.




8	REVISED PER UPDATED GENERATOR LOCATION	JAN. 30, 2025
7	REISSUED FOR SITE PLAN APPLICATION	NOV. 08, 2024
6	REISSUED FOR SITE PLAN APPLICATION	AUG. 26, 2024
5	REISSUED FOR SITE PLAN APPLICATION	JUN. 05, 2024
4	ISSUED FOR SHORING PERMIT	APR. 26, 2024
3	REISSUED FOR SITE PLAN APPLICATION	MAR. 15, 2024
2	ISSUED FOR SITE PLAN APPLICATION	NOV. 16, 2023
1	ISSUED FOR REVIEW	SEP. 29, 2023
No.	Revisions	Date

Check and verify all dimensions before proceeding with the work Do not scale drawings



115 Walgreen Road, RR3, Carp, ON K0A 1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

	Stamp:
---	--------

Client: **SINA**
3030 BOUL. LE CARREFOUR, SUITE 1200,
LAVAL, QUÉBEC

Project:

RESIDENTIAL BUILDING
788 MARCH ROAD,
OTTAWA, ON

Drawing Title:

SITE GRADING PLAN

Scale:	1:300	Project Number:	CO-24-1519
Drawn By:	RP		
Checked By:	JH	Drawing Number:	C101
Designed By:	RP		