



Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

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Legend

- 99.99 ORIGINAL GROUND ELEVATION
- 99.99 PROPOSED ELEVATION
- 99.99 PROPOSED LOT CORNER ELEVATION
- 99.99 EXISTING ELEVATION AT LOT CORNER
- 2.0% FLOW DIRECTION AND GRADE
- FFE=100.00 FINISHED FIRST FLOOR ELEVATION
- USF=97.00 UNDERSIDE OF FOOTING ELEVATION
- IR NUMBER OF RISERS
- TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)
- DIRECTION OF OVERLAND FLOW
- PROPOSED VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATION
- PROPOSED BARRIER CURB
- MAX EMERGENCY PONDING LIMITS
- OVERLAND SPILL LOCATION
- TWSI LOCATION AS PER CITY STD

Notes

SITE GRADING

- ALL GRANULAR BASE & SUB-BASE COURSE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAX. DRY DENSITY.
- ALL DISTURBED GRASSED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, WITH SOD ON MIN. 100mm TOPSOIL. THE RELOCATION OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR ENGINEER.
- INSPECTIONS: ALL WORK ON THE MUNICIPAL RIGHT OF WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY WHEN REQUIRED.
- REFER TO ARCHITECTURAL SITE PLAN FOR DIMENSIONS AND SITE DETAILS.
- CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY.
- EMBANKMENTS TO BE SLOPED AT MIN. 3:1, UNLESS OTHERWISE SPECIFIED.
- ALL TREES ON THE RIGHT-OF-WAY ARE TO BE MAINTAINED BEFORE AND AFTER CONSTRUCTIONS AND ALL TREES WITHIN THE PROPERTY SHALL BE PROTECTED AS PER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAWS AND THE URBAN TREES CONSERVATION BY-LAW AS AMENDED FROM TIME TO TIME.
- ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH ARCHITECT AND THE CITY OF OTTAWA PRIOR TO TREE CUTTING.
- SUB-EXCAVATE SOFT AREAS & FILL WITH GRANULAR "B" COMPACTED IN 0.15m LAYERS.
- NO ALTERATION TO EXISTING GRADES OR DRAINAGE PATTERN ON PROPERTY LINE MAY BE MADE WHERE NO PERMISSION TO ENTER ADJACENT PROPERTY EXISTS.
- NO EXCESS DRAINAGE, DURING AND AFTER CONSTRUCTION, IS TO BE DIRECTED TOWARDS NEIGHBOURING PROPERTIES.
- UNDERSIDE-OF-FOOTING TO HAVE MINIMUM COVER OF 1.5m, WHERE SUFFICIENT COVER IS NOT PROVIDED, FOOTINGS ARE TO BE INSULATED TO PROVIDED EQUIVALENT INSULATION.
- PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH R10 AND OPSD 509.010 AND OPSD 310.
- ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT ARE TO BE DESIGNED, APPROVED, AND STAMPED BY STRUCTURAL ENGINEER.
- FENCES OR RAILINGS ARE REQUIRED FOR RETAINING WALLS GREATER THAN 0.60m IN HEIGHT.
- TOPOGRAPHIC SURVEY SUPPLIED BY ANNIS, O'SULLIVAN, VOLLEBECK LTD. DATED JULY 21, 2022 - FILE NO. 21968-21.
- BENCHMARK: FIRE HYDRANT TOP OF SPINDLE EAST OF DOUGLAS AVENUE WITH AN ELEVATION OF 38.29m. ELEVATIONS ARE GEODETIC AND REFERRED TO COWDRE GEODETIC DATUM, DERIVED FROM CITY OF OTTAWA BENCHMARK NO. COT 107 WITH AN ELEVATION OF 71.94m.
- PAVEMENT CONSTRUCTION AS PER GEOTECHNICAL INVESTIGATION BY PATERSON GROUP PG6484-1 DATED JANUARY 13, 2023.

AREAS SUBJECT TO CAR PARKING ONLY
50mm WEAR COURSE - HL-8 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
150mm BASE - OPSD GRANULAR A CRUSHED STONE
300mm SUBBASE - OPSD GRANULAR B TYPE II

ACCESS LANES AND HEAVY TRUCK PARKING AREAS
40mm WEAR COURSE - HL-8 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm BINDER COURSE - HL-8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm BASE - OPSD GRANULAR A CRUSHED STONE
450mm SUBBASE - OPSD GRANULAR B TYPE II
SUBGRADE - UNDISTURBED NATIVE SOIL OR OPSD GRANULAR B TYPE I OR II MATERIAL

6	REVISED PER CITY COMMENTS	WJ	DT	25.07.22
5	REVISED PER CITY COMMENTS	WJ	DT	25.04.23
4	REVISED ROAD GEOMETRY	WJ	DT	24.09.18
3	REVISED PER CITY COMMENTS	WJ	DT	24.08.13
2	REVISED PER CITY COMMENTS	WJ	DT	24.05.27
1	ISSUED FOR REVIEW	TM	DT	23.06.12

Revision	By	Appd.	YY.MM.DD
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File Name:	160401784.D8.dwg	TM	KK	TM	23.03.15
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

Project1 Studio

47 BEECHWOOD AVENUE

OTTAWA, ONTARIO, CANADA

Title

GRADING PLAN

Project No.	Scale	0 2 6 10m
160401784	1:200	
Drawing No.	Sheet	Revision

GP-1

3 of 6

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PLAN # 19043

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ORIGINAL SHEET - ARCH 0

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