


- GENERAL NOTES:**
- Coordinate and schedule all work with other trades and contractors.
 - Determine exact location of all services such as bell, rogers, hydro, etc. before commencement of construction
 - All materials and construction methods shall be as per City of Ottawa or Ontario standards and specifications.
 - All elevation s are geodetic.
 - Refer to architectural in case of discrepancy.
- CONSTRUCTION NOTES:**
- Distances and coordinates on this plan are in metres and can be converted to feet by dividing by 0.3048.
 - Servicing to Be:
 - 38mm Ø soft copper, type K water lateral. (Water service to have more than 2.4m of cover or insulated as per City of Ottawa Standard W22).
 - 100mm Ø PVC SDR 28 storm service lateral @ min 1% slope. Storm lateral is to connect to the sanitary main as per City of Ottawa Std Dwg S11.2.
 - 125mm Ø PVC SDR 28 sanitary service lateral @ min 1% slope. Sanitary lateral is to connect to the sanitary main as per City of Ottawa Std Dwg S11.
 - Back water valve shall be installed on sewer services as per City of Ottawa Std drawing S14, S14.1, S14.2.
 - Hard Surface Areas:
All proposed hard surface areas are to be permeable as per City of Ottawa Std. Dwg. SC27.
 - No proposed alterations to grade on or beyond property line.
 - Grading between 2%-7% or terrace to 3H:1V max.
 - Trees to be protected before and during construction.
 - Downspouts (DS) within 1.5m of property line. Must be equipped with splash pad. All downspouts to discharge to Right of Way.
 - If invert elevation of proposed sewer service laterals become less than 300mm below U/S footing, service laterals shall be sleeved.
 - Existing Services shall be capped at property line and water service to be blanked at the main as per City of Ottawa Std Dwg S11.4.
 - There shall be min 0.15m clearance between proposed retaining wall and adjacent property.

Notes & Legend

—□—	Denotes	Survey Monument Planted	Inv.	Denotes	Invert
—■—	"	Survey Monument Found	T/G	"	Top of Grate
SIB	"	Standard Iron Bar	BF	"	Board Fence
SSIB	"	Short Standard Iron Bar	C/L	"	Centreline
SSIB*	"	Short Standard Iron Bar 0.3m long	SRW	"	Stone Retaining Wall
IB	"	Iron Bar	TRW	"	Timber Retaining Wall
IB*	"	Iron Bar 0.3m long	TpFdn	"	Top of Foundation
IBØ	"	Round Iron Bar	U/Eave	"	Underside of Eave
CP	"	Concrete Pin			
(Wit)	"	Witness			
Meas	"	Measured			
○ MH—ST	"	Maintenance Hole (Storm)			
○ MH—S	"	Maintenance Hole (Sanitary)			
— ST —	"	Underground Storm Sewer			
— S —	"	Underground Sanitary Sewer			
— W —	"	Underground Water			
— OHW —	"	Overhead Wires			
⊗ WV	"	Water Valve			
□ GM	"	Gas Meter			
□ HM	"	Hydro Meter			
+ 65.00	"	Location of Elevations			
+ 65.00	"	Top of Concrete Curb/ Retaining Wall Elevation			
65.00	"	Location of Proposed Elevations			

EAU STRUCTURAL & ENVIRONMENTAL SERVICES

Structural Environmental Services

Ottawa, ON
K1Y 4P9
Tel. : 613- 869- 0523

GRADING & DRAINAGE PLAN

87 STIRLING AVENUE

OTTAWA, ON

Plan number:

C1 of C1

Drawn by: E.J.

Checked By: D.C.

Date: Mar. 25, 2019

Scale: 1:150

