

GENERAL NOTES:

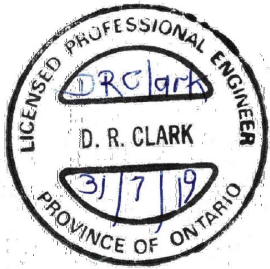
- Coordinate and schedule all work with other trades and contractors.
- Determine exact location of all services such as bell, rogers, hydro, etc. before commencement of construction
- All materials and construction methods shall be as per City of Ottawa or Ontario standards and specifications.
- All 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.
- Storm lateral crossing mains:
 - Storm lateral invert=61.50
 - Sanitary main obvert=61.18
 - Storm lateral invert=61.45
 - Watermain obvert=61.00
- Watermain table for water lateral:
 - Invert @ foundation wall = 61.70
 - Invert at watermain= 61.00

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:
	Drawn by: E.J. Date: Nov 11, 2019	Checked By: D.C. Scale: 1:150	C1 of C1