



KEY PLAN

N.T.S.

LEGEND

PROPERTY LINE	PROPOSED STORM MANHOLE
PROPOSED WATERMAIN	PROPOSED SANITARY MANHOLE
PROPOSED SANITARY SEWER	PROPOSED CATCH BASIN
PROPOSED STORM SEWER	PROPOSED AREA DRAIN (PER CITY STD. S30 & S31)
PROPOSED PERFORATED SUBDRAIN	PROPOSED AREA DRAIN (PER CITY STD. S30 & S31, LD NYLOPLAST 1299CDD DOME GRATE OR APPROVED EQUAL) COMMUNITY MAILBOX
PROPOSED SOLID WALL SUBDRAIN	TWS (TACTILE WALKING SURFACE INDICATOR)
PROPOSED VALVE BOX	STM LATERAL TO BE DESIGNED BY GEOTECHNICAL ENGINEER
PROPOSED FIRE HYDRANT	
PEDESTRIAN CROSSWALK	
DEPRESSED CURB	
BARRIER CURB (CITY STD S31.1)	PROPOSED WATER SERVICE
RIVERSTONE 100mm DIA, 200mm DEEP 1.5mX1.3m UNLESS OTHERWISE NOTED	PROPOSED SANITARY SERVICE WITH INSERTA TEE CONNECTION
CURB CUT SIZE AS SHOWN SEE DETAIL ON DWG DS-1	PROPOSED CURB STOP
STANDARD SERVICES BACK TO BACK TOWNHOMES SEE DETAIL ON DWG DS-2	METER CHAMBER
STANDARD SERVICES STACKED TOWNHOMES SEE DETAIL ON DWG DS-2	SOG
RAISED CROSSWALK	PROPOSED STREET LIGHT
	CLAY SEAL TO BE INSTALLED AS PER PATERSON GROUP GEOTECHNICAL REPORT PG4064-2 DATED JUNE 25, 2019.

NOTES

NOTE: ALL STORM AND SANITARY SERVICES ARE REQUIRED TO BE EQUIPPED WITH BACKWATER VALVE

NOTE: ALL SANITARY SEWER MAINTENANCE HOLES ARE TO BE INSTALLED WITH WATERTIGHT COVERS AS PER OPSD 401.030.

NOTE: LOT SERVICES ARE TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD S11.3.

NOTE: ALL LANDSCAPING AND BIORETENTION CATCHBASINS ARE TO INCLUDE RISERS AS PER NOTE 2 OF CITY OF OTTAWA STANDARD DETAIL DRAWINGS S30 & S31

NOTE: ALL SANITARY SERVICE CONNECTIONS ALONG SQUADRON CRESCENT REQUIRE CONTROLLED SETTLEMENT JOINTS PER S.P. F4100 DATED MARCH 2014

NOTE: ALL HOMES ARE REQUIRED TO BE EQUIPPED WITH BACKFLOW PREVENTERS.

NOTE: PRESSURE REDUCING VALVES ARE REQUIRED FOR ALL BLOCKS. PRESSURE CHECKS ARE TO BE COMPLETED.

NOTE: SUBDRAINS ARE TO BE INSTALLED DURING PAVEMENT CONSTRUCTION. SUBDRAIN INVERTS ARE TO BE 300mm BELOW SUBGRADE LEVEL AND ARE TO RUN ALONG CURBLINES AS PER GEOTECHNICAL REPORT.

EXISTING SERVICES NOTE:
1. CONTRACTOR TO LOCATE EXISTING SERVICES.
2. STORM AND SANITARY SERVICES TO BE CAPPED AT PROPERTY LINE.
3. WATER SERVICES TO BE BLANKED AT MAIN BY CITY FORCES.
4. EXCAVATION, BACKFILLING, AND REINSTATEMENT BY CONTRACTOR.

EXISTING UNDERGROUND AND ABOVE GROUND INFORMATION FROM WATERIDGE VILLAGE AT ROCKCLIFFE SUBDIVISION DESIGN DRAWINGS PREPARED BY IBI GROUP (CONTRACT NO. 38298)

GENERAL PLAN OF SERVICES
DRAWING NO. 100D, DATED JUNE 15, 2018.
DRAWING NO. 100E, DATED APRIL 16, 2018.
PLAN & PROFILE OF SQUADRON CRESCENT MOSES TENNISCO (STA. 0+400 TO STA. 0+700)
DRAWING NO. 135, DATED JUNE 15, 2018.
GRADING PLAN
DRAWING NO. 210, 211, 212, DATED FEBRUARY 2, 2018.
DRAWING NO. 213, DATED NOVEMBER 13, 2017.
DRAWING NO. 214, DATED AUGUST 2, 2017.
DRAWING NO. 215, DATED DECEMBER 5, 2017.
PONDING PLAN
DRAWING NO. 213, DATED JUNE 16, 2018.

BLOCK 1-7 WATER SERVICES TO BE 38mm DIA. STUBBED 2.4m BELOW GRADE 1.2m FROM BUILDING FOUNDATION.

BLOCKS 8-19 WATER SERVICES TO BE 19mm DIA. STUBBED 2.4m BELOW GRADE 1.2m FROM BUILDING FOUNDATION.

SANITARY SERVICES TO BE 135mm DIA. @ 1.0% (MIN) 0.5m BELOW FFE

STORM SERVICES TO BE 150mm DIA. @ 1.0% (MIN) 0.5m BELOW FFE

RELOCATE EX. CB. INSULATE PER W23 TO PROTECT BUILDING SERVICES AND EX. 200mm WATERMAIN

NOTE: EXACT LOCATION OF EX. SERVICES TO BE CONFIRMED IN THE FIELD. CONTRACTOR TO AVOID CONFLICTS WITH EXISTING SERVICES. CONTRACT TO ENSURE NO BENDS ARE LOCATED WITHIN THE CITY OF OTTAWA ROW

FOR SANITARY SERVICES, INSERTA TEE IS TO BE USED FOR CONNECTIONS TO THE SANITARY MAIN AS OUTLINED IN THE DEVIATIONS FROM GUIDELINES AND STANDARDS REPORT PREPARED BY DSEL DATED NOVEMBER 11, 2019.

INSERTA TEES TO ONLY BE INSTALLED WHEN THE LATERAL CONNECTION IS A MINIMUM 0.3m FROM A PIPE JOINT ON THE MAIN SEWER LINE AND WHEN LATERAL CONNECTIONS ARE 1m APART.

ALL INSERTA TEE LOCATIONS TO BE INSPECTED, PHOTOGRAPHED AND DOCUMENTED AFTER CONNECTION TO THE MAIN SEWER LINE TO THE SATISFACTION OF THE CITY OF OTTAWA.

UNDERSIDE OF FOOTING ELEVATIONS ARE AS PER TABLE 1 OF PATERSON GROUP MEMO PG4064-MEMO.15 REVISION 3, DATED DECEMBER 18, 2019.

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY KORSIAK URBAN PLANNING
DATED FEBRUARY 4, 2020

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY HAINES GROUP INC.
PROJ. NO. PG4064-2
DATED DECEMBER 04, 2019

BENCH MARK
ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCHMARK NO. 396
ELEV = 95.06 METERS

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 17-946
DATED DECEMBER 2019

APPROVED
By Jamesdo at 9:58 am, Feb 11, 2020

DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

No.	BY	YY.MM.DD	DESCRIPTION
8	G.G.G.	20.02.04	ISSUED FOR MUNICIPAL REVIEW
7	A.J.T.	19.12.19	ISSUED FOR MUNICIPAL REVIEW
6	A.W.T.	19.12.06	ISSUED FOR MUNICIPAL REVIEW
5	G.G.G.	19.11.11	ISSUED FOR MUNICIPAL REVIEW
4	G.G.G.	19.11.01	ISSUED FOR COORDINATION
3	G.G.G.	19.10.08	ISSUED FOR MUNICIPAL REVIEW
2	G.G.G.	19.06.28	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	19.02.01	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 17-946

**SITE SERVICING PLAN
WATERIDGE - BLOCK 15
245 SQUADRON CRESCENT** © DSEL

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DRAWN BY: B.N.C. CHECKED BY: S.L.M. DRAWING NO. SHEET NO.
DESIGNED BY: B.N.C. CHECKED BY: S.L.M.
SCALE: 1:400 DATE: FEBRUARY 2019 SSP-1 3 of 14

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