

BENCHMARKS
 BENCHMARK INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., AS SHOWN ON TOPOGRAPHIC SURVEY (NOTED BELOW)

TBM #1 TOP OF FIRE HYDRANT SPINDLE ELEVATION=89.10m
TBM #2 TOP OF SSIB NORTHING=5037820.06, EASTING=386246.53
TBM #3 TOP OF SSIB NORTHING=5037852.73, EASTING=386336.33

TOPOGRAPHIC INFORMATION
 TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., JOB #18621-18, JANUARY 25, 2018.

LEGAL INFORMATION
 M-PLAN PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., JOB #18592-17, RECEIVED ON FEBRUARY 15, 2018.

STATION	DESCRIPTION	GROUND ELEVATION	TOP OF WATERMAIN
1+004.0	TVS CONNECTION TO EXISTING ON TRIM ROAD	87.80	85.35
1+006.8	HORIZ. BEND 11.25e	87.75	85.35
1+010		87.58	85.18
1+017.3	VERTICAL BENDS AS PER W25.2	87.58	85.18
1+018.2	VERTICAL BENDS AS PER W25.2	87.58	85.96
1+019.6	EXISTING 600e STORM CROSSING	87.58	85.96
1+021	VERTICAL BENDS AS PER W25.2	87.58	85.96
1+021.9	VERTICAL BENDS AS PER W25.2	87.44	85.04
1+021.9	EXISTING 600e SANITARY CROSSING	87.44	85.04
1+030		87.62	85.22
1+036.8	250e STORM CROSSING	88.00	85.60
1+040		87.89	85.49
1+048.8	200e STORM CROSSING	88.13	85.73
1+050		88.13	85.73
1+055.3	200e STORM CROSSING	88.13	85.73
1+057.6	150x200 WATERMAIN TEE	88.13	85.73
1+060		88.08	85.68
1+070		88.17	85.77
1+076.6	200e STORM CROSSING	88.02	85.62
1+080		88.06	85.66
1+090		88.16	85.76
1+097.3	300e STORM CROSSING	88.21	85.81
1+098.8	200e SANITARY CROSSING	88.22	85.82
1+100		88.22	85.82
1+100.3	V&VB	88.21	85.81
1+101.3	200x200 WATERMAIN CROSS	88.21	85.81
1+102.3	V&VB	88.21	85.81
1+110		88.24	85.84
1+120		88.25	85.85
1+130		88.24	85.84
1+134.7	HORIZ. BEND 11.25e	88.28	85.88
1+140		88.32	85.92
1+144.3	HORIZ. BEND 11.25e	88.28	85.88
1+148.4	CONNECTION TO EXISTING CAP	88.22	85.82

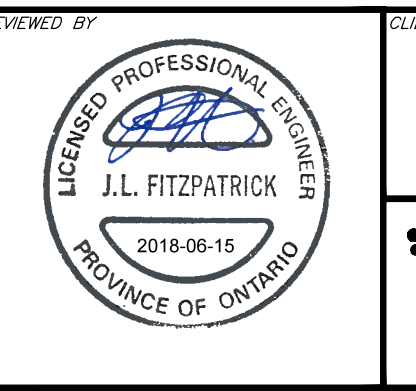
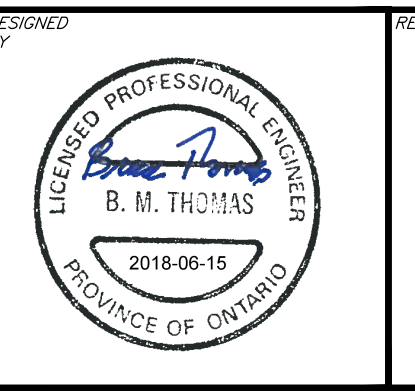
LOCATION	SANITARY SEWER			STORM SEWER			WATERMAIN			CLEARANCES (mm)
	Invert Elev	Dia. (mm)	Obvert Elev	Invert Elev	Dia. (mm)	Obvert Elev	Invert Elev	Dia. (mm)	Obvert Elev	
01				84.78	EX-600	85.38	85.73	200	85.96	250mm (STM Below)
02	81.49	EX-600	82.29				84.81	200	85.04	250mm (SAN Below)
03				85.75	250	86.02	85.37	200	85.60	150mm (WM Below)
04				86.36	200	86.59	85.50	200	85.73	630mm (WM Below)
05				84.78	200	85.01	85.50	200	85.73	490mm (STM Below)
06				86.79	200	87.02	85.39	200	85.62	980mm (WM Below)
07				84.43	300	84.75	85.58	200	85.81	630mm (STM Below)
08	85.01	200	85.21				85.59	200	85.82	380mm (SAN Below)
09	85.01	200	85.21	84.41	300	84.73				280mm (STM Below)
10	85.01	200	85.21	84.23	375	84.76				250mm (STM Below)
11				84.20	375	84.73	85.58	200	85.81	850mm (STM Below)
12	84.88	250	85.13				85.58	200	85.81	450mm (SAN Below)
13	85.30	200	85.5	84.75	200	84.98				320mm (STM Below)

LOCATION	FLOW	MAX. HEAD	TYPE
CB 1	8.0	1.1	IPEX TEMPEST LMF-90
CB 2	8.0	1.3	IPEX TEMPEST LMF-90
CB 4	5.0	1.0	IPEX TEMPEST LMF-75
CB 7	6.0	1.1	IPEX TEMPEST LMF-90
CB 8	5.0	0.7	IPEX TEMPEST LMF-90
CB 9	10.0	1.1	IPEX TEMPEST LMF-105
CB 12	6.0	2.7	IPEX TEMPEST LMF-65
CB 13	6.0	1.7	IPEX TEMPEST LMF-70
CBMH 206	12.0	1.5	IPEX TEMPEST LMF-105
CBMH 207	8.0	1.4	IPEX TEMPEST LMF-85
CBMH 208	8.0	1.3	IPEX TEMPEST LMF-90

CAUTION
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

REV	REVISION DESCRIPTION	DATE	BY	APPD
2	ISSUED FOR SITE PLAN APPROVAL	15/06/18	SAB	BMT
1	CONCEPT ISSUED TO CLIENT	23/03/18	SAB	BMT

SCALE	DESIGNED BY	DESIGNED	REVIEWED BY	CLIENT
0 3m 6m 12m HORIZONTAL 1:300	B. M. THOMAS	2018-06-15	J.L. FITZPATRICK	ASHCROFT HOMES 18 ANTARES DRIVE OTTAWA, ON. K2E 1A9



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PROJECT NO.	OTT-00245036-A0
SURVEY	AOV
DATE	MARCH 2018
DRAWING NO.	C01

OAKRIDGE GATE, PHASE II
 OTTAWA, ONTARIO

SITE SERVICING PLAN