GOWARD DR

SITE BENCHMARK
FIRE HYDRANT TOP OF SPINDLE ELEVATION=102.78

SITE BENCHMARK
SPIKE IN UTILITY POLE
ELEVATION=103.83

OLD SECOND LINE RD

PROPOSED 2.4m ASPHALT SIDEWALK

ROAD REINSTATEMENT AS PER CITY STANDARD R10

MAXIMUM 3:1 TERRACING TO MATCH EXISTING

STMH 208 T/G=101.11

CBMH 213 T/G=100.60

STMH 209 T/G=101.03

SANMH 103 T/G=101.13

STMH 202 T/G=101.09

SANMH 102 T/G=101.25

CBMH 211 T/G=101.83

SANMH 107 T/G=102.25

STMH 207 T/G=101.19

CB 1 T/G=101.20

SANMH 101 T/G=102.60

CB 9 T/G=102.59

CB 10 T/G=102.55

CB 11 T/G=102.00

SANMH 105 T/G=103.51

CB 14 T/G=101.88

SANMH 106 T/G=102.04

CB 15 T/G=102.13

SANMH 100 T/G=103.26

SANMH 104 T/G=104.11

STMH 204 T/G=104.25

STMH 205 T/G=103.49

STMH 200 T/G=103.25

STMH 201 T/G=102.59

CBMH 209 T/G=102.55

CBMH 210 T/G=101.05

STMH 203 T/G=101.20

BLOCK 1 FF=104.41 TF=104.11 USF=101.35

BLOCK 1 FF=104.21 TF=103.91 USF=101.15

BLOCK 1 FF=104.01 TF=103.71 USF=100.95

BLOCK 2 FF=103.61 TF=103.31 USF=100.55

BLOCK 2 FF=103.31 TF=103.01 USF=100.25

BLOCK 2 FF=103.01 TF=102.71 USF=99.95

BLOCK 3 FF=102.51 TF=102.21 USF=99.45

BLOCK 4 FF=102.91 TF=102.61 USF=99.85

BLOCK 4 FF=103.21 TF=102.91 USF=100.15

BLOCK 5 FF=103.51 TF=103.21 USF=100.45

BLOCK 6 FF=104.16 TF=103.86 USF=101.00

BLOCK 6 FF=104.46 TF=3D4.16 USF=101.40

BLOCK 6 FF=103.86 TF=103.56 USF=100.80

BLOCK 7 FF=105.16 TF=104.86 USF=102.10

BLOCK 7 FF=104.96 TF=104.66 USF=101.90

BLOCK 8 FF=104.56 TF=104.26 USF=101.50

BLOCK 8 FF=104.86 TF=104.56 USF=101.80

BLOCK 9 FF=104.26 TF=103.96 USF=101.20

BLOCK 9 FF=104.56 TF=104.26 USF=101.50

BLOCK 10 FF=102.81 TF=102.51 USF=99.45

BLOCK 10 FF=103.11 TF=102.81 USF=99.75

TP1 OG=103.22 T/ROCK=101.80

TP2 OG=104.70 T/ROCK=103.90

TP3 OG=101.83 T/ROCK=101.50

TP4 OG=101.40 T/ROCK=101.00

TP5 OG=100.76 T/ROCK=100.50

TP6 OG=103.11 T/ROCK=102.90

TP7 OG=102.72 T/ROCK=101.70

TP8 OG=101.96 T/ROCK=101.70

TP9 OG=101.04 T/ROCK=100.80

BH1 OG=103.12 T/ROCK=101.90

BH2 OG=102.23 T/ROCK=97.60

EX.STMMH T/G=103.03 INV.=98.81

EX.SANMH T/G=102.02 INV.=98.42

EX.STMMH T/G=101.09 INV.W=97.39 INV.E=97.16

EX.CB T/G=101.17

EX.450mmø STORM SEWER @1.66%

EX.250mmø SANITARY SEWER @0.89%

EX.200mmø WATERMAIN

EX.35mm Gas

EX.300mmø WATERMAIN

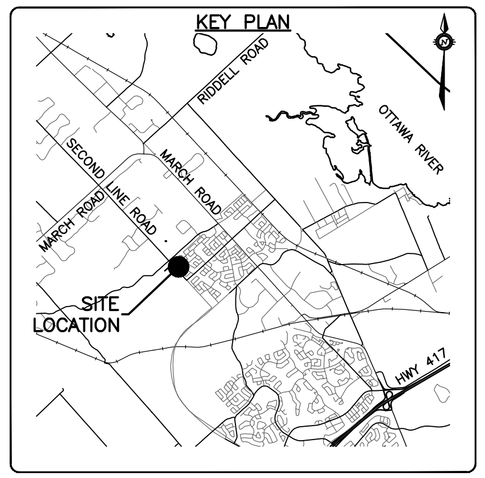
1+000 2+000 2+050 2+100 2+150 2+200 2+250 2+263

LEGEND

EX.SANMH 1	EXISTING SANITARY MANHOLE
EX.STMMH 1	EXISTING STORM MANHOLE
EX.CBMH 1	EXISTING CATCHBASIN MANHOLE
EX.CB 1	EXISTING CATCHBASIN
EX.V&VB	EXISTING VALVE AND VALVE BOX
EX.V&VC	EXISTING VALVE AND VALVE CHAMBER
EX.FH	EXISTING FIRE HYDRANT
100.00	EXISTING CONTOURS
101.54	EXISTING ELEVATION (FARLEY SMITH & DENIS)
102.30 / 102.30	PROPOSED ELEVATION / EXISTING ELEVATION
SANMH 100	PROPOSED SANITARY MANHOLE
STMMH 200	PROPOSED STORM MANHOLE
CBMH 205	PROPOSED CATCHBASIN MANHOLE
CB 1	PROPOSED CATCHBASIN
V&VB	PROPOSED VALVE AND VALVE BOX
V&VC	PROPOSED VALVE AND VALVE CHAMBER
FH	PROPOSED FIRE HYDRANT
CS	PROPOSED CURB STOP
FFL / TF / USF	FINISHED FLOOR LEVEL ELEVATION / TOP OF FOUNDATION ELEVATION / UNDERSIDE OF FOOTING
	PROPOSED MOUNTABLE CURB (AS PER CITY STND. SC1.3)
	PROPOSED BARRIER CURB (AS PER CITY STND. SC1.1)
DC	PROPOSED DEPRESSED BARRIER CURB (AS PER CITY STND. SC1.1)
2.0%	PROPOSED SLOPE AND DIRECTION OF FLOW
	PROPOSED SWALE
	OVERLAND FLOW ROUTE
POND 1 100yr=100.00 MAX.SPILL=100.00 5yr=100.00 MAX.DEPTH=0.00m	PROPOSED PONDING AREA NUMBER / PROPOSED 100 YEAR ELEVATION / PROPOSED 5 YEAR ELEVATION / PROPOSED MAX. SPILL ELEVATION / PROPOSED MAXIMUM PONDING DEPTH
	PROPOSED 100 YEAR
	PROPOSED MAX. SPILL
	PROPOSED 5 YEAR

PAVEMENT STRUCTURE:
40mm 12.5mm SUPERPAVE CATEGORY B, PG-58-34
50mm 19.0mm SUPERPAVE CATEGORY B, PG-58-34
150mm GRANULAR 'A'
300mm GRANULAR 'B' TYPE II

KEY PLAN



CAUTION

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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
1	ISSUED FOR APPROVAL	13/04/18	SAB	BMT

SCALE: 0 3m 6m 12m — HORIZONTAL 1:300

NORTH

DESIGNED BY

REVIEWED BY

LICENSED PROFESSIONAL ENGINEER — B. M. THOMAS — 2018-04-18 — PROVINCE OF ONTARIO

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BASEPLAN	SAB
DESIGN	JLF
CHECKED	BMT
CAD	SAB
PROJECT MANAGER	BMT
APPROVED	BMT

PROJECT
SECOND LINE ROAD
1158 OLD SECOND LINE ROAD
KANATA, ONTARIO.

TITLE
SITE GRADING PLAN

PROJECT No.	OTT-00245003-A0
SURVEY	FSD
DATE	MARCH 2018
DRAWING No.	C02

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Xrefs: ott-drg-245003-sgp.dwg
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