GOWARD DRIVE

OLD SECOND LINE ROAD

ROAD REINSTATEMENT AS PER CITY STANDARD R10

SITE BENCHMARK
FIRE HYDRANT TOP OF SPINDLE ELEVATION=102.78

SITE BENCHMARK
SPIKE IN UTILITY POLE
ELEVATION=103.83

SILT FENCE BARRIER AS PER OPSD.219.110. PLACED 0.3m INSIDE PROPERTY LINE (TYPICAL WHERE ADJACENT TO A PROPERTY BOUNDARY)

SILT FENCE BARRIER AS PER OPSD. 219.110

SILT FENCE BARRIER AS PER OPSD.219.110. PLACED 0.3m INSIDE PROPERTY LINE (TYPICAL WHERE ADJACENT TO A PROPERTY BOUNDARY)

LOT 8 FF=103.38 USF=100.33
LOT 9 FF=103.20 USF=100.15
LOT 10 FF=103.00 USF=99.95
LOT 11 FF=102.80 USF=99.75
LOT 12 FF=102.60 USF=99.55
LOT 13 FF=102.60 USF=99.55
LOT 14 FF=102.45 USF=99.40
LOT 15 FF=102.30 USF=99.25

BLOCK 1 FF= 104.14 TF= 103.84 USF=101.08
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=102.71 TF=102.41 USF=99.65
BLOCK 3 FF=102.51 TF=102.21 USF=99.45

BLOCK 8 FF=104.46 TF=104.16 USF=101.40
BLOCK 8 FF=104.76 TF=104.46 USF=101.70
BLOCK 9 FF=104.52 TF=104.32 USF=101.46
BLOCK 9 FF=104.72 TF=104.42 USF=101.66
BLOCK 4 FF=103.98 TF=103.68 USF=100.92
BLOCK 4 FF=103.68 TF=103.38 USF=100.62
BLOCK 4 FF=103.38 TF=103.08 USF=100.32

BLOCK 7 FF=105.21 TF=104.91 USF=102.15
BLOCK 7 FF=105.01 TF=104.71 USF=101.95
BLOCK 6 FF=104.16 TF=103.86 USF=101.00
BLOCK 6 FF=104.46 TF=104.16 USF=101.40
BLOCK 6 FF=103.86 TF=103.56 USF=100.80
BLOCK 5 FF=103.26 TF=102.96 USF=100.20
BLOCK 5 FF=103.06 TF=102.76 USF=100.00
BLOCK 5 FF=102.86 TF=102.56 USF=99.80

LOT 47 FF=105.20 USF=102.35
LOT 48 FF=104.85 USF=102.00
LOT 49 FF=104.45 USF=101.60
LOT 48 FF=104.25 USF=101.40
LOT 47 FF=103.92 USF=101.07
LOT 46 FF=103.55 USF=100.70
LOT 44 FF=103.44 USF=100.55
LOT 54 FF=103.35 USF=100.50

WELL TO BE ABANDONED

TO BE DECOMMISSIONED

WATER SERVICE AS PER W37.2

WATER SERVICE AS PER W37.2

38mm¢ COPPER

FH 1 T/F=103.95

FH 2 T/F=101.79

FH 3 T/F=102.15

EX.STMMH T/G=101.13

EX.SANMH T/G=101.14

EX.STMMH T/G=102.03

EX.SANMH T/G=102.02

3.00 ROAD WIDENING

PROPOSED SIDEWALK

1.0M Chamfer

15.0m HYDRO MAINTENANCE ZONE
10.0m HYDRO NO HEAVY VEHICLE ZONE

MATCH LINE STA.1+180
CONTINUED ON THIS DRAWING

CONTINUED ON THIS DRAWING
MATCH LINE STA.1+180

SIDEWALK AND CURB REINSTATEMENT AS PER CITY STANDARD SC7.2

ROAD REINSTATEMENT AS PER CITY STANDARD R10

EX.STMMH T/G=102.01

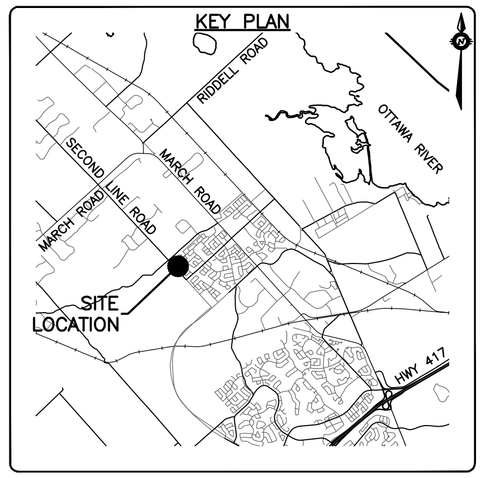
EX.SANMH T/G=102.00

EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.

DURING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
3. MINIMIZATION OF AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
4. INSTALLATION OF FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES.
5. A SILT FENCE TO BE INSTALLED 0.3m INSIDE THE SITE PROPERTY LINE TO LOCATIONS SHOWN ON THIS DRAWING.
6. A VISUAL INSPECTION SHALL BE COMPLETED DAILY ON SEDIMENT CONTROL BARRIERS AND ANY DAMAGE REPAIRED IMMEDIATELY. CARE WILL BE TAKEN TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.
7. IN SOME CASES SOME BARRIERS MAY BE REMOVED TEMPORARILY TO ACCOMODATE THE CONSTRUCTION OPERATIONS. THE AFFECTED BARRIERS WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED.
8. THE SEDIMENT CONTROL DEVICES WILL BE CLEANED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
9. DURING THE COURSE OF CONSTRUCTION IF THE ENGINEER BELIEVES THAT ADDITIONAL PREVENTION METHODS ARE REQUIRED TO CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR WILL INSTALL ADDITIONAL SILT FENCES OR OTHER METHODS AS REQUIRED TO THE SATISFACTION OF THE ENGINEER.
10. CONSTRUCTION AND MAINTENANCE REQUIRMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPEFICICATION (OPSS) OPSS 805, AND CITY OF OTTAWA SPECIFICATIONS.

KEY PLAN

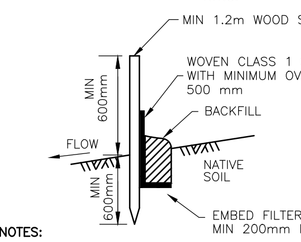


LEGEND

PROPOSED CURB
PROPERTY LINE
SILT FENCE

LIGHT DUTY SILT FENCE BARRIER

N.T.S.



NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO WOOD POSTS WITH WIRE TIES OR STAPLES.
2. POSTS TO BE SPACED AT 2.3 METRES CENTRE TO CENTRE.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY A MINIMUM OF 500mm.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. WOOD POSTS TO BE HARDWOOD TYPE (50mm x 50mm).
6. GEOTEXTILE TO BE EMBEDDED 200mm INTO GROUND.
7. GEOTEXTILE TO CONFORM TO OPSS 805 STANDARDS.
8. SILT FENCE MUST BE INSTALLED BEFORE COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH DETAIL. SILT FENCE CAN BE REMOVED AFTER LANDSCAPING IS COMPLETE.
9. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.

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
2	REVISED AS PER CITY COMMENTS	31/05/19	SAB	BMT
1	ISSUED FOR APPROVAL	13/04/18	SAB	BMT

SCALE: 0 3m 6m 12m HORIZONTAL 1:300

NORTH

DESIGNED BY: J.L. FITZPATRICK 2019-05-31 — LICENSED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO

REVIEWED BY: B. M. THOMAS 2019-05-31 — LICENSED PROFESSIONAL ENGINEER 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: EROSION AND SEDIMENT CONTROL PLAN

PROJECT No.	OTT-00245003-A0
SURVEY	FSD
DATE	MARCH 2018
DRAWING No.	C04

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