

- ON) FARLEY, SMITH & DENIS SURVEYING LTD FILE # 139-21 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
- THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.
- 5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO
- RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
- 7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER
- 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN

NOTIFY THE ENGINEER PROMPTLY.

DELINEATORS, MARKERS AND BARRIERS.

- FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE,
- 11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE

- 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- 15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY: • ELECTRICAL SERVICE - HYDRO ONE GAS SERVICE - ENBRIDGE, • TELEPHONE SERVICE - BELL CANADA.
- 16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND TANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE CITY.
- 17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE

• TELEVISION SERVICE - ROGERS.

- 18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS
- 19. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL
- DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED. 2.2. SUB-BEDDING, IF REQUIRED SHALL CONSIST OF 450mm OF
- COMPACTED GRANULAR "B" TYPE 1. 2.3. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1. 2.4. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0 METRES

BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL

- 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.
- 4. SEWERS AND CONNECTIONS 200mmØ AND LARGER TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS
- 5. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
- 6. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2.
- 7. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"X8' LONG MARKER.
- 8. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- 9. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

- 4. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 5. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- 6. VALVES TO BE OPERATED BY CITY STAFF ONLY. 7. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY. CITY TO BE PRESENT FOR WATERMAIN CONNECTION. CONNECTION, EXCAVATION, BACKFILLING
- 8. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIGNATED MUNICIPAL WATER OPERATOR AND THE SELECTED CONTRACTOR SHALL PROVE TO THE SATISFACTION OF THE CITY THAT THEY ARE COMPETENT TO PERFORM THE WORKS PRIOR TO

AND REINSTATEMENT TO BE COMPLETED BY CONTRACTOR.

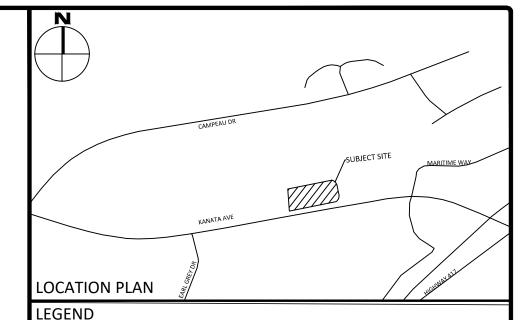
- INITIATING CONSTRUCTION. 9. ALL WATERMAINS SHALL BE EQUIPPED WITH BUTTERFLY AND GATE
- VALVES AS PER OPSD 1100.011. 10. ALL FIRE HYDRANTS, VALVE AND VALVE BOX HSALL CONFORM TO OPSD
- 11. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD
- 12. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT. 13. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.

WATER COVER TABLE				
LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER
A - 200 X 300 TEE	0+100.00	100.70	98.30	2.40
VALVE	0+113.83	100.86	98.46	2.40
BUILDING	0+118.22	100.99	98.59	2.40
B - 250 X 150 TEE	0+200.00	100.70	98.30	2.40
VALVE	0+214.09	100.85	98.45	2.40
HYDRANT	0+218.22	100.99	98.59	2.40

	CROSSING CONFLICT TABLE	
LOCATION	DESCRIPTION	SEPARATION
1	200mmØ SAN SERVICE INV 99.56	2.90
	450mmØ STM SEWER OBV 96.66 200mmØ WTR SERVICE INV 98.15	
2	450mmØ STM SEWER OBV 96.60	1.55
3	50mmØ WTR SERVICE INV 98.30	1.71
	450mmØ STM SEWER OBV 96.59 200mmØ WTR SERVICE INV 98.13	
4	250mmØ SAN SEWER OBV 93.26	4.87
5	50mmØ WTR SERVICE INV 98.28	5.04
	250mmØ SAN SEWER OBV 93.24	3.04

SAN STRUCTURE TABLE					
NAME I	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION	
MH1A 10	00.92	N93.140 W99.517	S93.117	COVER CITY STD S24 FRAME CITY STD S25 STRUC. OPSD 701.010	

Storm STRUCTURE TABLE				
NAME RIM INVERT IN		INVERT OUT	DESCRIPTION	
CBMH1	100.65		E99.716	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.010
СВМН2	100.70	W99.520	E99.500	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.010
DICB11	100.70	NW98.630	S98.591	OPSD 705.030
LSCB4	101.00		W99.540	AS PER DETAIL
LSCB5	101.05	E99.480	W99.459	AS PER DETAIL
LSCB6	101.05	E99.370	W99.351	AS PER DETAIL
LSCB7	101.05	E99.250	W99.214	AS PER DETAIL
LSCB8	101.05	E99.060	SW99.040	AS PER DETAIL
LSCB9	101.23	NE98.970	\$98.909	AS PER DETAIL
LSCB10	100.80	N98.720	SE98.682	AS PER DETAIL
МН3	100.89	W99.388 N96.420	S96.396	COVER CITY STD S24.1 FRAME CITY STD S25 STRUC. OPSD 701.012



LIMIT OF CONSTRUCTION

95,50 SURFACE ELEVATION

 $x_{(s)}^{95.50}$  SWALE ELEVATION T/W95.50 TOP OF WALL ELEVATION
B/W94.25 BOTTOM OF WALL ELEVATION

SILT FENCE BARRIER

OVERLAND FLOW ROUTE

STRAW BALE CHECK DAM

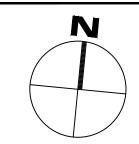
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	1	ISSUED FOR REVIEW	JUNE 30, 202
	No.	Revisions	Date
	Check before	and verify all dimensions proceeding with the work	not scale drawing

NOT FOR CONSTRUCTION

## SCALE 1:300

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THEBERGE HOMES 205 - 1600 LAPERRIERE AVE OTTAWA, ON K1Z 8P5

THE WOODS 180 KANATA AVE

Drawing Title:

SITE SERVICING PLAN

Scale:	1:300	Project Number:
Drawn By:	R.R.R.	CCO-21-3764
Checked By:	C.J.M.	Drawing Number:
Designed By:	C.J.M.	C101