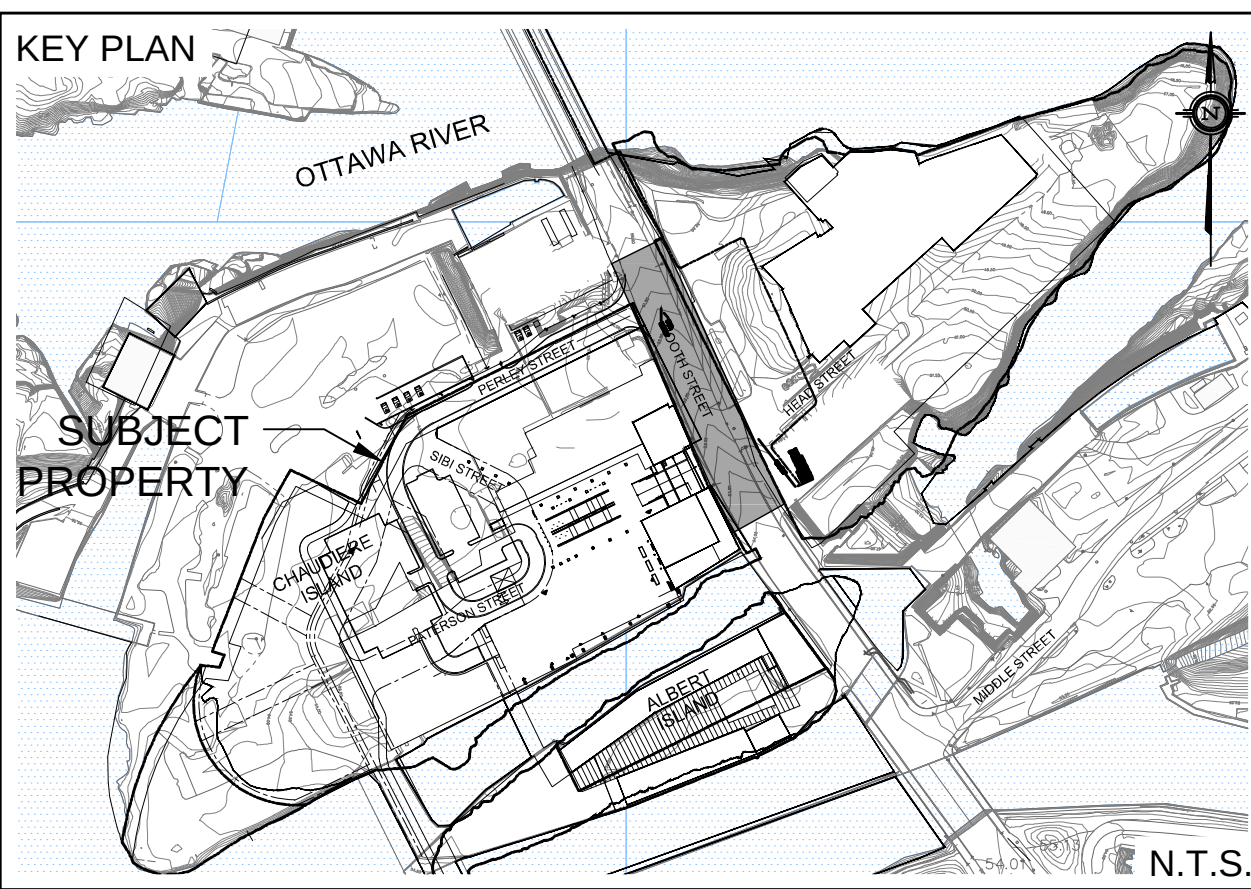
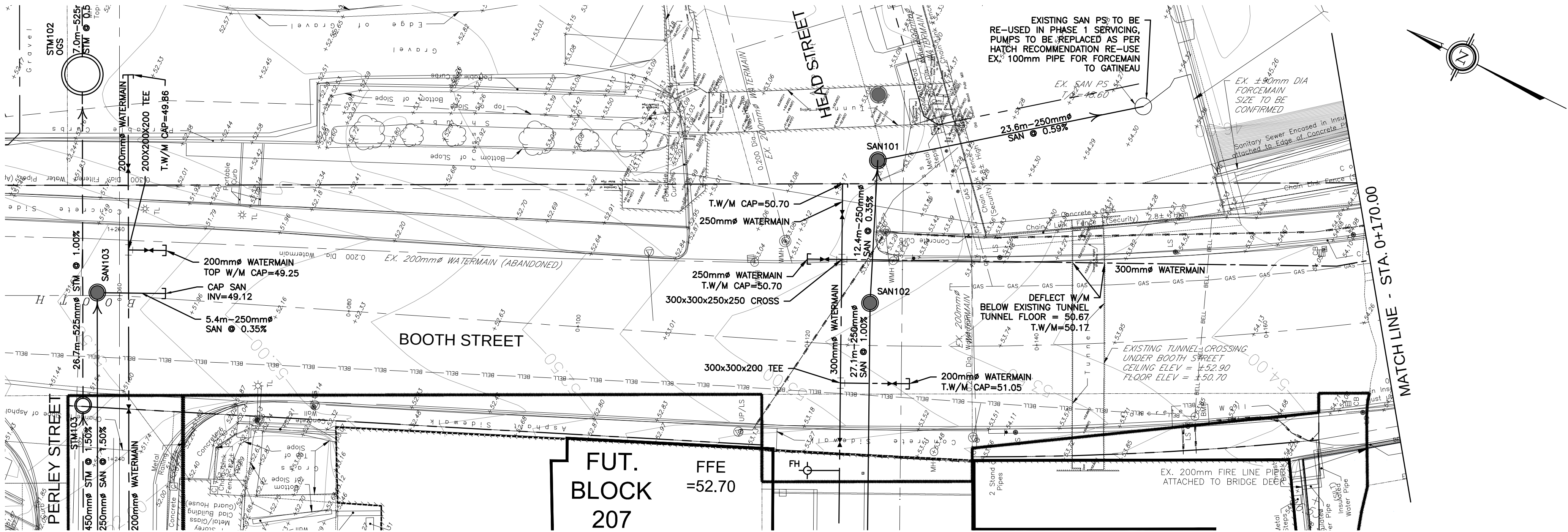


APPROVED ☐ REFUSED ☐

THIS ____ DAY OF _____, 20__

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



- LEGEND
- PROPERTY LINE

EXISTING WATERMAIN

EXISTING SANITARY SEWER

EXISTING STORM SEWER

BELL

EXISTING BELL

GAS

EXISTING GAS

U/G HYDRO

EXISTING UNDERGROUND HYDRO

PROPOSED WATERMAIN

PROPOSED NON-POTABLE WATERMAIN

PROPOSED SANITARY SEWER

PROPOSED STORM SEWER

PROPOSED PERFORATED SUBDRAIN
- EXISTING SPOT ELEVATION

○

EXISTING MANHOLE

⊕

EXISTING CATCH BASIN MANHOLE

⊕

EXISTING FIRE HYDRANT

VB

EXISTING VALVE BOX

CS

PROPOSED VALVE BOX

CS

PROPOSED CURB STOP

FH

PROPOSED FIRE HYDRANT

⊕

PROPOSED SIAMESE CONNECTION

⊕

PROPOSED REMOTE WATER METER

⊕

PROPOSED WATER METER

○

PROPOSED STORM MANHOLE

○

PROPOSED SANITARY MANHOLE

□

PROPOSED CATCH BASIN

○

PROPOSED CB 'T'

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY FAIRHALL, MOFFATT & WOODLAND LIMITED
PROJ. NO. T41200
DATED JANUARY 15, 2015

SITE PLAN INFORMATION

SITE PLAN PROVIDED BY BARRY J. HOBIN & ASSOCIATES ARCHITECTS
PROJ. NO. 1509
DATED RECEIVED SEPTEMBER 1, 2017

GEOTECHNICAL STUDY

GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP
PROJ. NO. PG3202-1
DATED OCTOBER 5, 2015

SITE SERVICING AND STORMWATER MANAGEMENT STUDY

SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 14-717
DATED JUNE 2017

BENCH MARK

MULTIPLE ON-SITE AS PER SURVEY

NO.	BY	DATE	DESCRIPTION
2	S.L.M.	17.09.07	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	15.08.14	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 14-717

PROFESSIONAL ENGINEER
S.L. MERRICK
10018523
2017-09-07
PROVINCE OF ONTARIO

2017-09-07 JSM 14-717

TOP OF WATERMAIN	49.25	49.25	50.70	51.05	51.34	50.17	50.17	51.86	TOP OF WATERMAIN
SANITARY INVERT	W 49.17 S 49.14	49.12	5.4m - 250mmØ SAN @ 0.35%	W 48.87 E 48.84					SANITARY INVERT
STORM INVERT									STORM INVERT
PROPOSED ELEVATION	51.78	52.50	52.80	53.60	53.78	54.15			PROPOSED ELEVATION
CENTERLINE CHAINAGE	0+060	0+080	0+100	0+120	0+140	0+160	0+170		CENTERLINE CHAINAGE

PLAN & PROFILE - BOOTH STREET
ZIBI - ONTARIO (PHASE 1)

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zibi

Windmill dream

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Tel. (613) 820-5600

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Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
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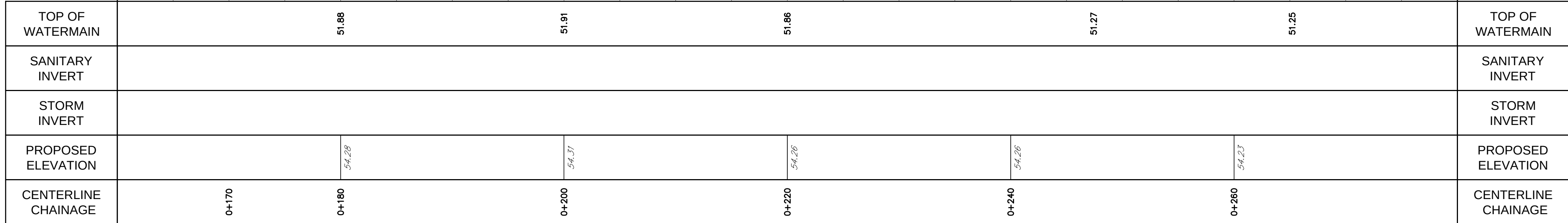
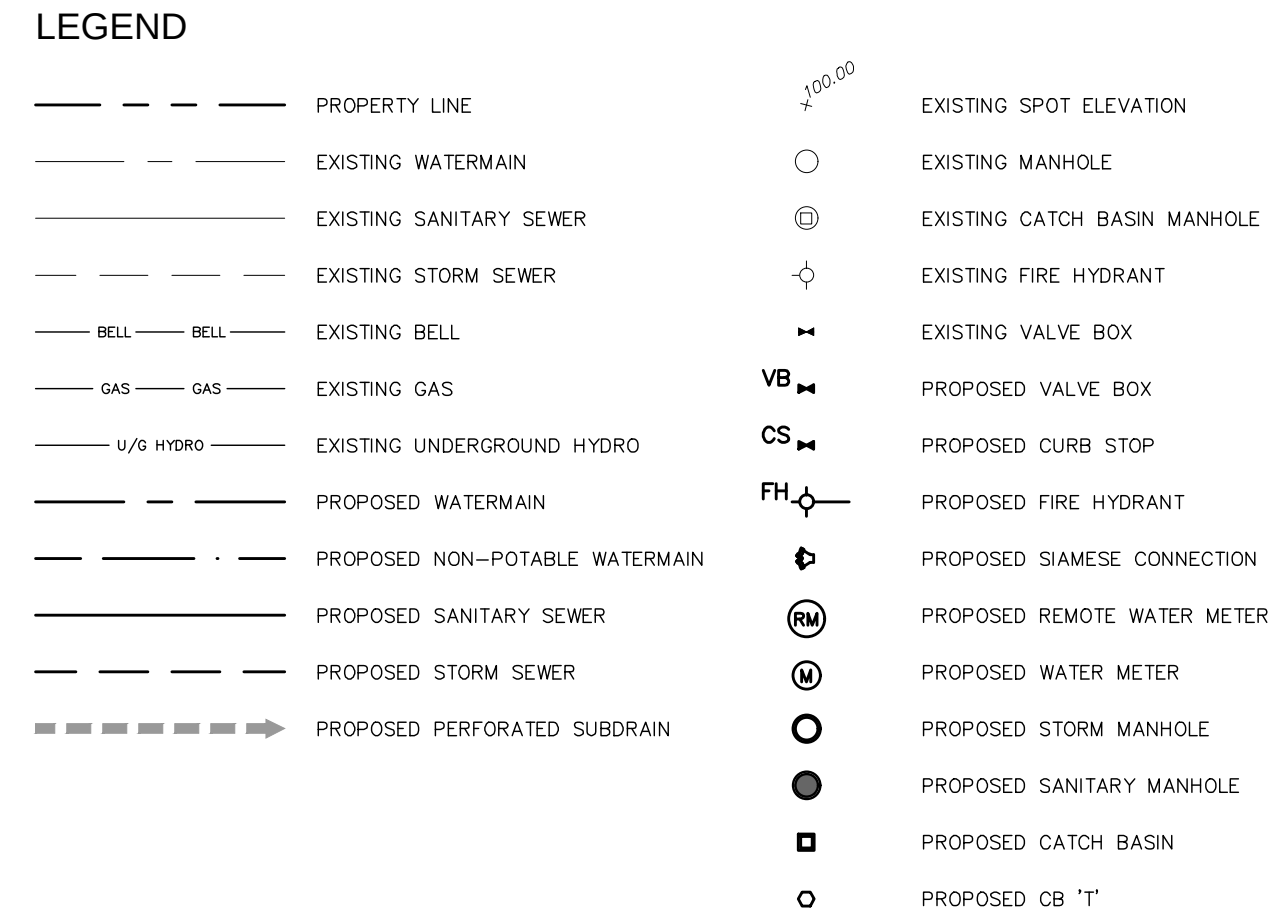
DRAWN BY: B.N.C. CHECKED BY: S.L.M. DRAWING NO. SHEET NO.

DESIGNED BY: B.N.C. CHECKED BY: A.D.F.

SCALE: H 1:250, V 1:25 DATE: SEPTEMBER 2017 PP-1 10 of 19

z:\projects\14-717_windmill-the_isles\b_design\b2_drawings\b2-2_main (dsel)\ontario\subm_3\p&p\2017-09-07_717_pp_owl.dwg

D07-12-15-0158

[illegible]

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY FAIRHALL, MOFFATT & WOODLAND LIMITED
PROJ. NO. T41200
DATED JANUARY 15, 2015

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY BARRY J. HOBIN & ASSOCIATES ARCHITECTS
PROJ. NO. 1508
DATED RECEIVED SEPTEMBER 1, 2017

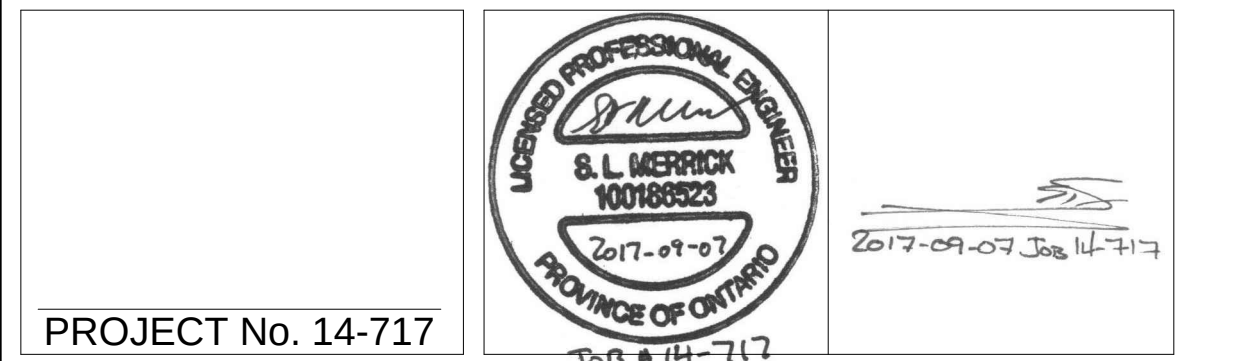
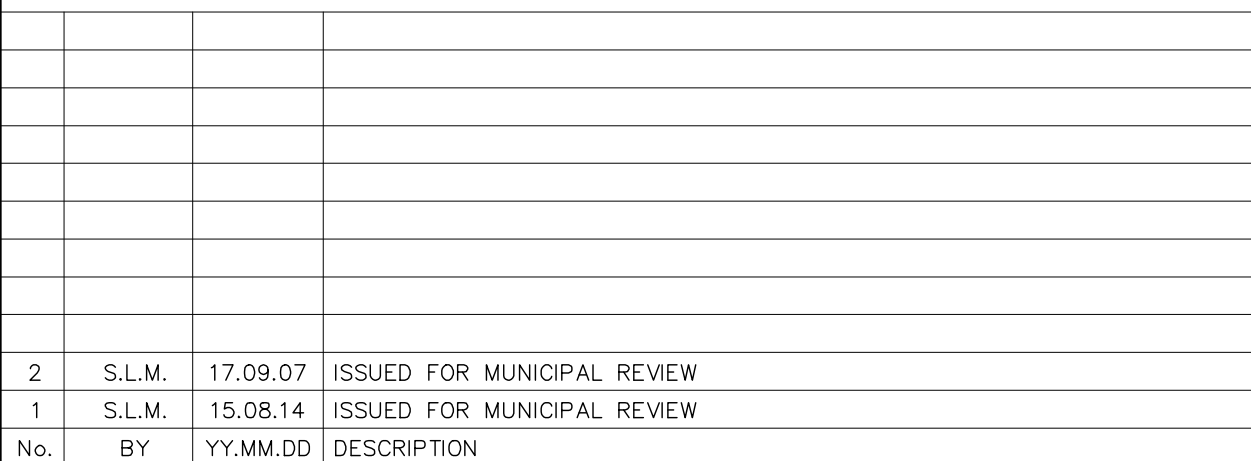
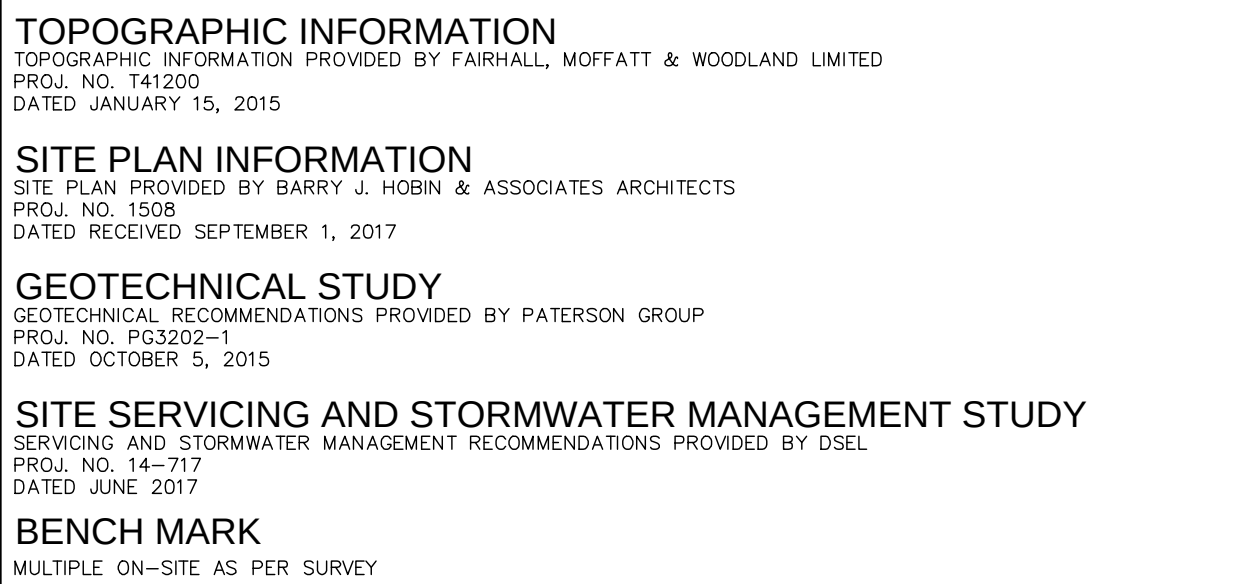
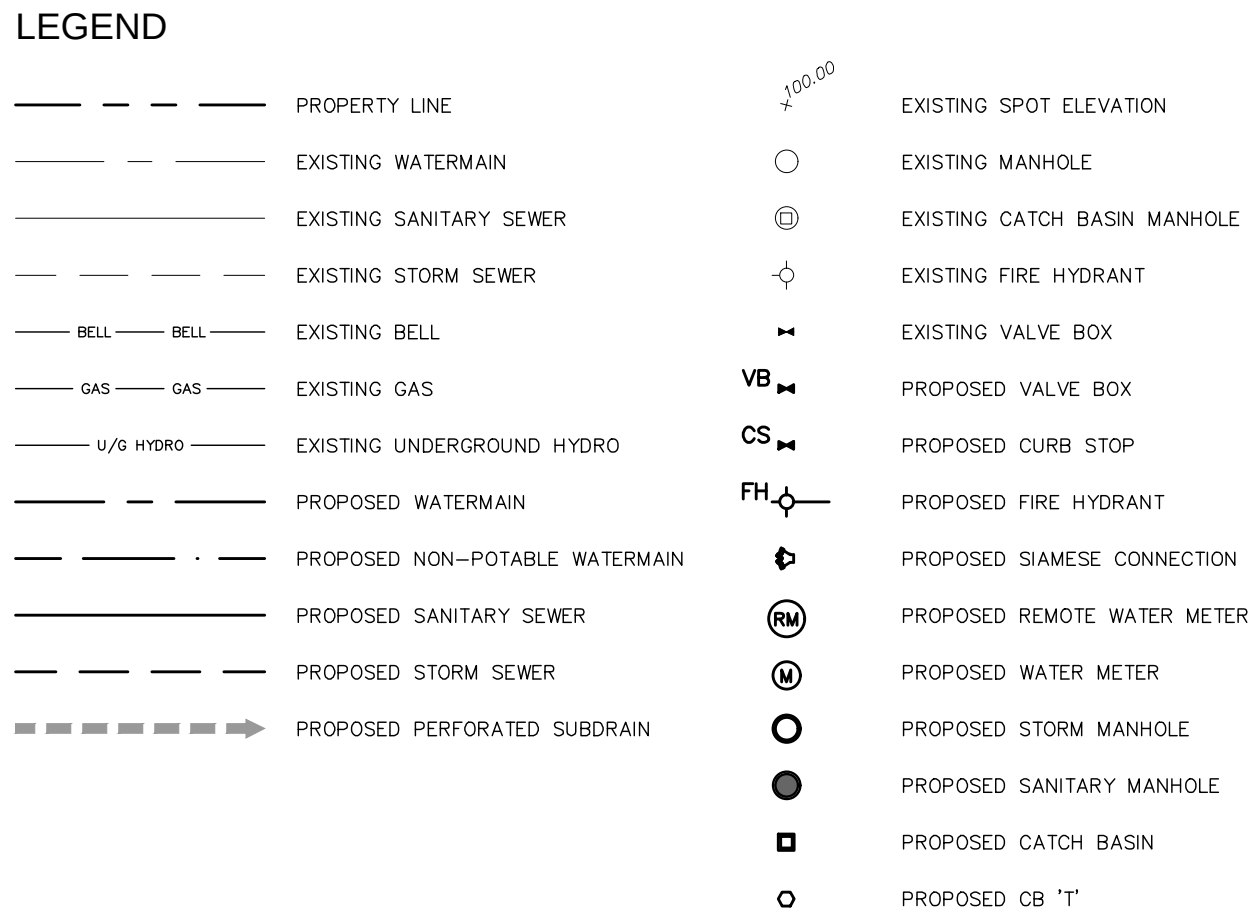
GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP
PROJ. NO. PG3202-1
DATED OCTOBER 5, 2015

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 14-717
DATED JUNE 2017

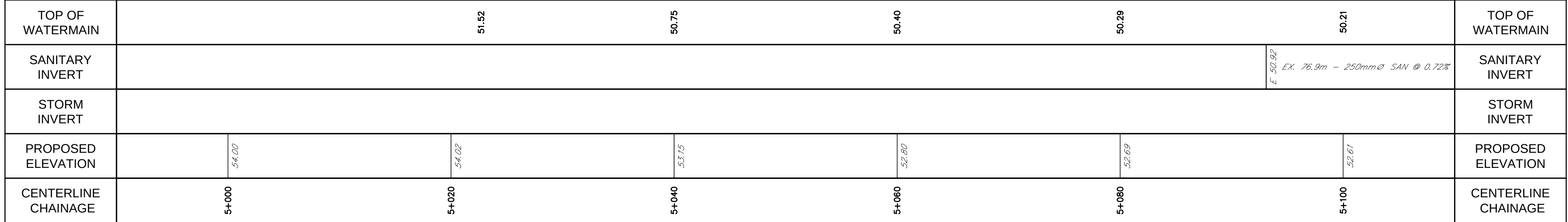
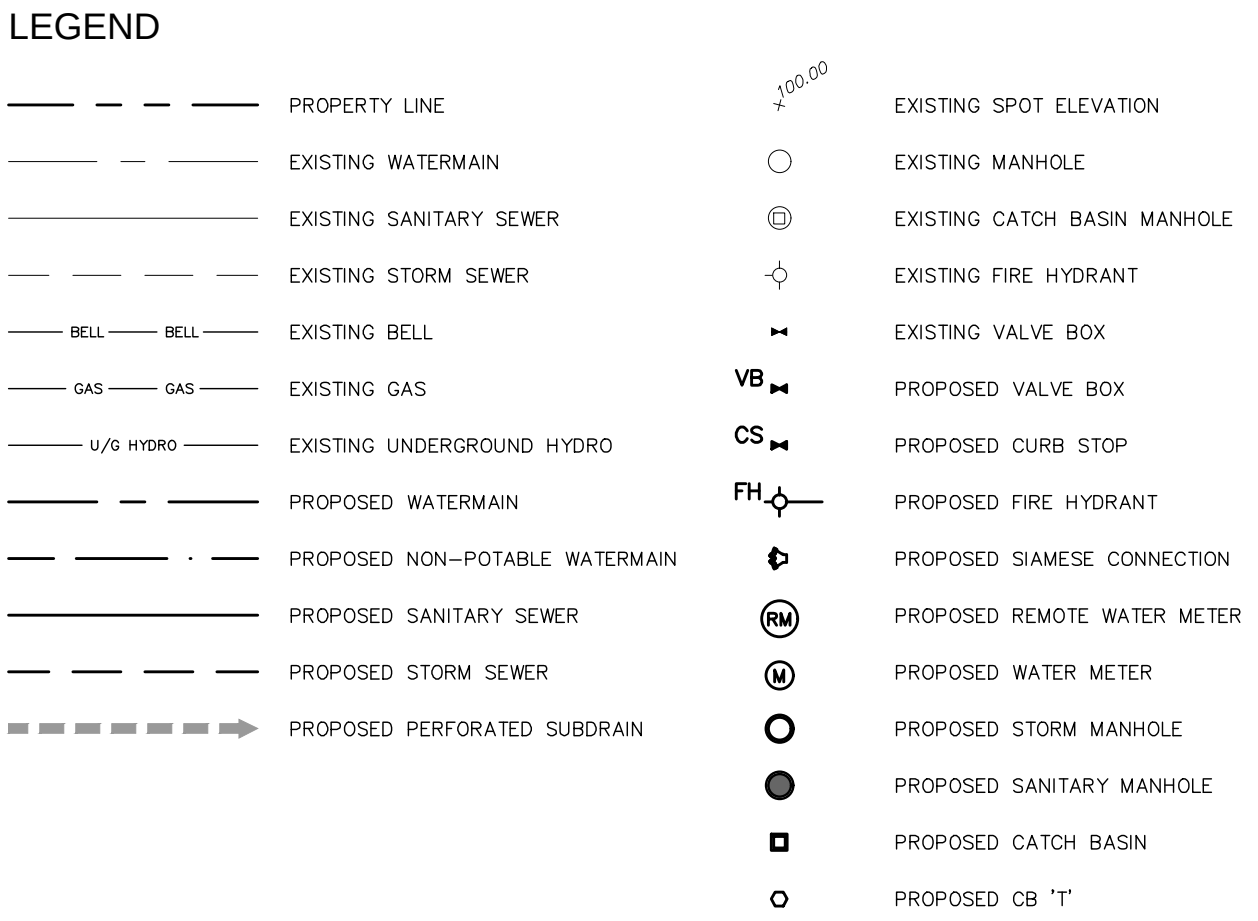
BENCH MARK
MULTIPLE ON-SITE AS PER SURVEY

		
PROJECT No. 14-717		

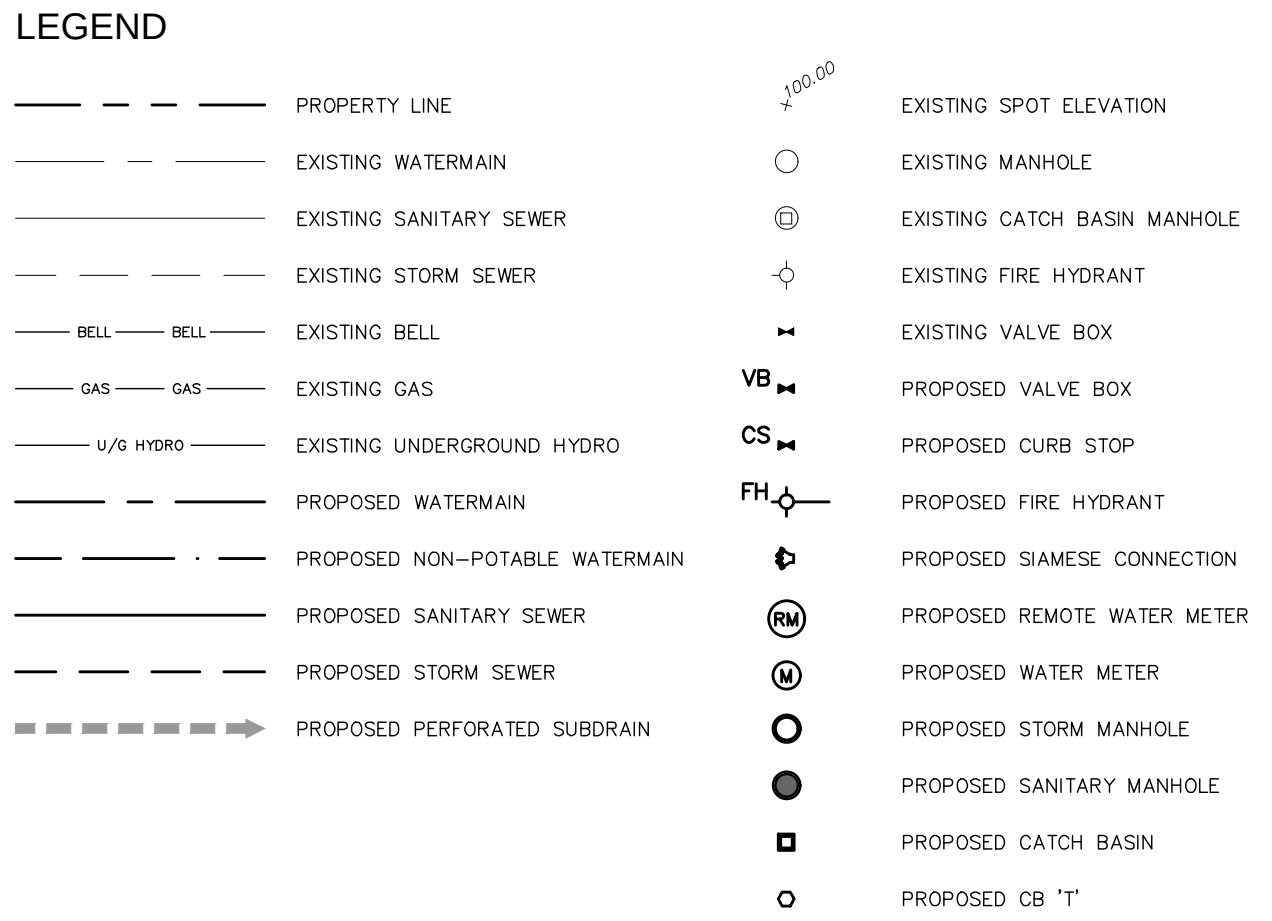
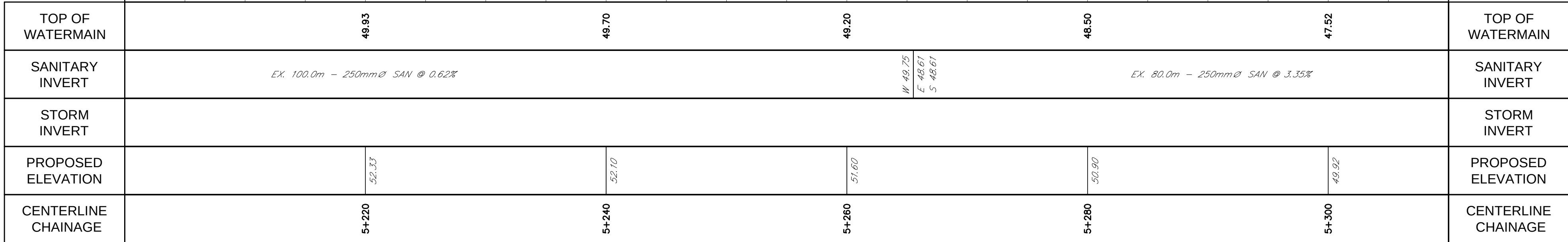
				1306 Wellington Street W. Suite 201 Ottawa, Ontario, K1Y 3B2 Tel. (613) 820-5600	
 				120 Iber Road Unit 103 Stittsville, Ontario, K2S 1E9 Tel. (613) 836-0856 Fax. (613) 836-7183 www.DSEL.ca	
					
DRAWN BY: B.N.C.		CHECKED BY: S.L.M.		DRAWING NO.	
DESIGNED BY: B.N.C.		CHECKED BY: A.D.F.		PP-2	
SCALE: H 1:250, V 1:25		DATE: SEPTEMBER 2017		11 of 19	



TOP OF WATERMAIN	49.75 49.72 49.31 49.16 49.00										TOP OF WATERMAIN
SANITARY INVERT	49.71 26.8m - 250mm Ø SAN @ 1.50% W 49.17 S 49.14 49.00										SANITARY INVERT
STORM INVERT	S 49.96 E 49.93 35.3m - 450mm Ø STM @ 1.50% W 49.53 E 49.50 26.7m - 525mm Ø STM @ 1.00% W 49.24 E 49.21 7.0m - 525mm Ø STM @ 0.50% W 49.18 N 49.15 33.6m - 525mm Ø STM @ 0.50% 49.00										STORM INVERT
PROPOSED ELEVATION	52.12 52.77 51.71 51.74 51.56 52.25 52.12 43.80										PROPOSED ELEVATION
CENTERLINE CHAINAGE	1+210 1+220 1+240 1+260 1+280 1+300 1+320										CENTERLINE CHAINAGE
This plan view shows the layout of sanitary and storm sewers. Key features include: Existing Infrastructure: STM104, STM103 (1200mm), SAND3 (1200mm), STM102 (OL/GRI SEPARATOR), and STM101 (1200mm). Proposed Infrastructure: 450mm Ø STM (INV=49.96), 250mm Ø SAN @ 1.50%, 525mm Ø STM @ 1.00%, and 525mm Ø STM @ 0.50%. Manholes and Structures: V&V8, V&V8, and HW100 (OPSD 804.030). Clearance: 0.50m clearance (min) per city STD W25. Ground Profiles: EXISTING GROUND and FINISHED GRADE. Chainage: The plan is oriented with chainage increasing from left to right, with markers at 1+210, 1+220, 1+240, 1+260, 1+280, 1+300, and 1+320.											

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david schaeffer engineering ltd SMART SUBDIVISIONS			
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DESIGNED BY: B.N.C.		A.D.F.	
SCALE: H:1:250, V:1:25		DATE: SEPTEMBER 2017	
		PP-4	SHEET NO. 13 of 19

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TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY FAIRHALL, MOFFATT & WOODLAND LIMITED
PROJ. NO. T41200
DATED JANUARY 15, 2015

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY BARRY J. HOBIN & ASSOCIATES ARCHITECTS
PROJ. NO. 1508
DATED RECEIVED SEPTEMBER 1, 2017

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP
PROJ. NO. PC3202-1
DATED OCTOBER 5, 2015

SITE SERVING AND STORMWATER MANAGEMENT STUDY
SERVING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 14-7177
DATED JUNE 2017

BENCH MARK
MULTIPLE ON-SITE AS PER SURVEY

		
PROJECT No. 14-717	2017-09-07	

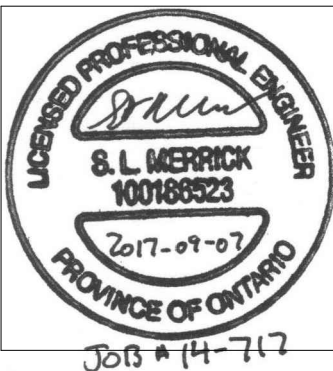
		1306 Wellington Street W. Suite 201 Ottawa, Ontario, K1Y 3B2 Tel. (613) 820-5600	
 Windmill  dream			
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SCALE:	H: 1:250, V: 1:25	DATE:	SEPTEMBER 2017
		PP-5	14 of 19



GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP
PROJ. NO. PG3202-1
DATED OCTOBER 5, 2015

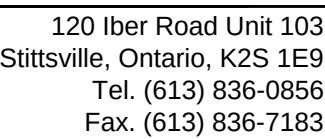
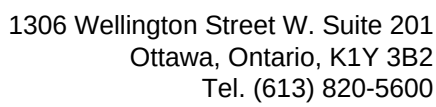
BENCH MARK
MULTIPLE ON-SITE AS PER SURVEY

2	S.L.M.	17.09.07	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	15.08.14	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION

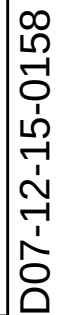


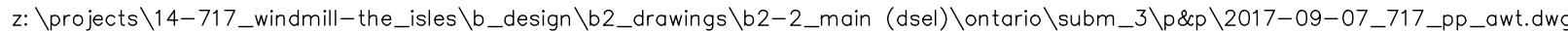
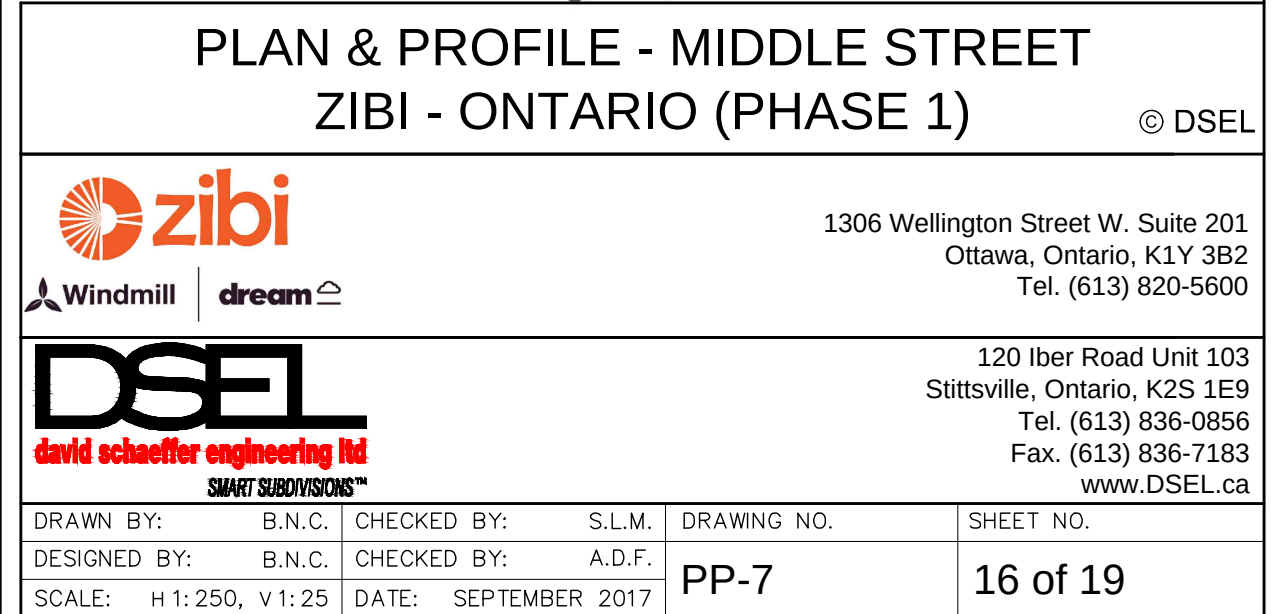
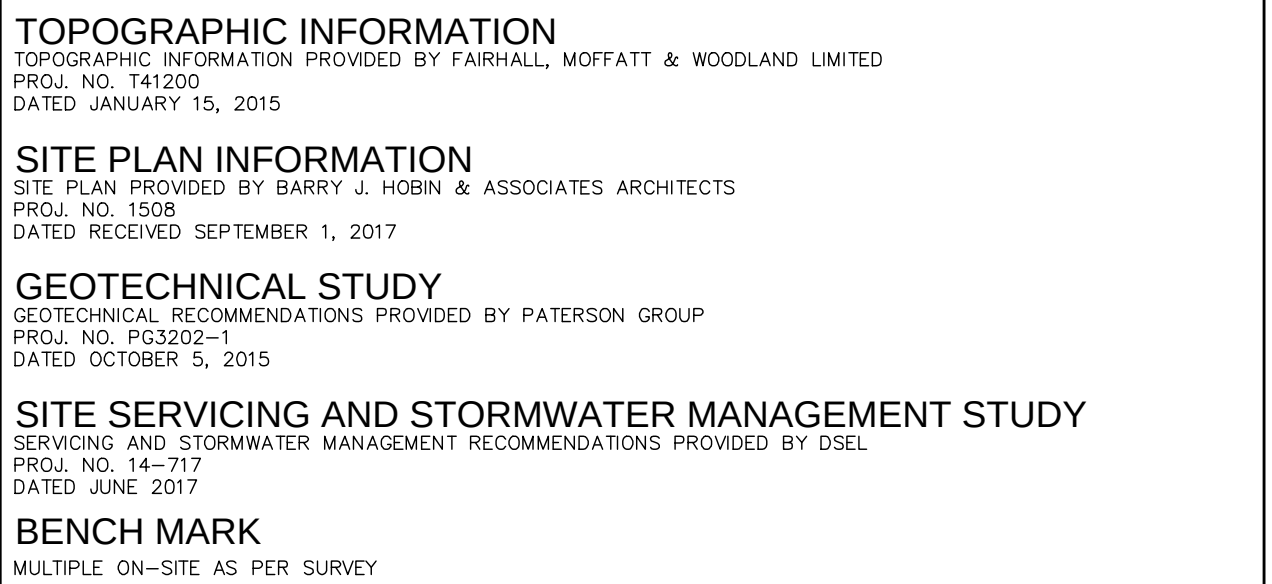
JOB # 14-712

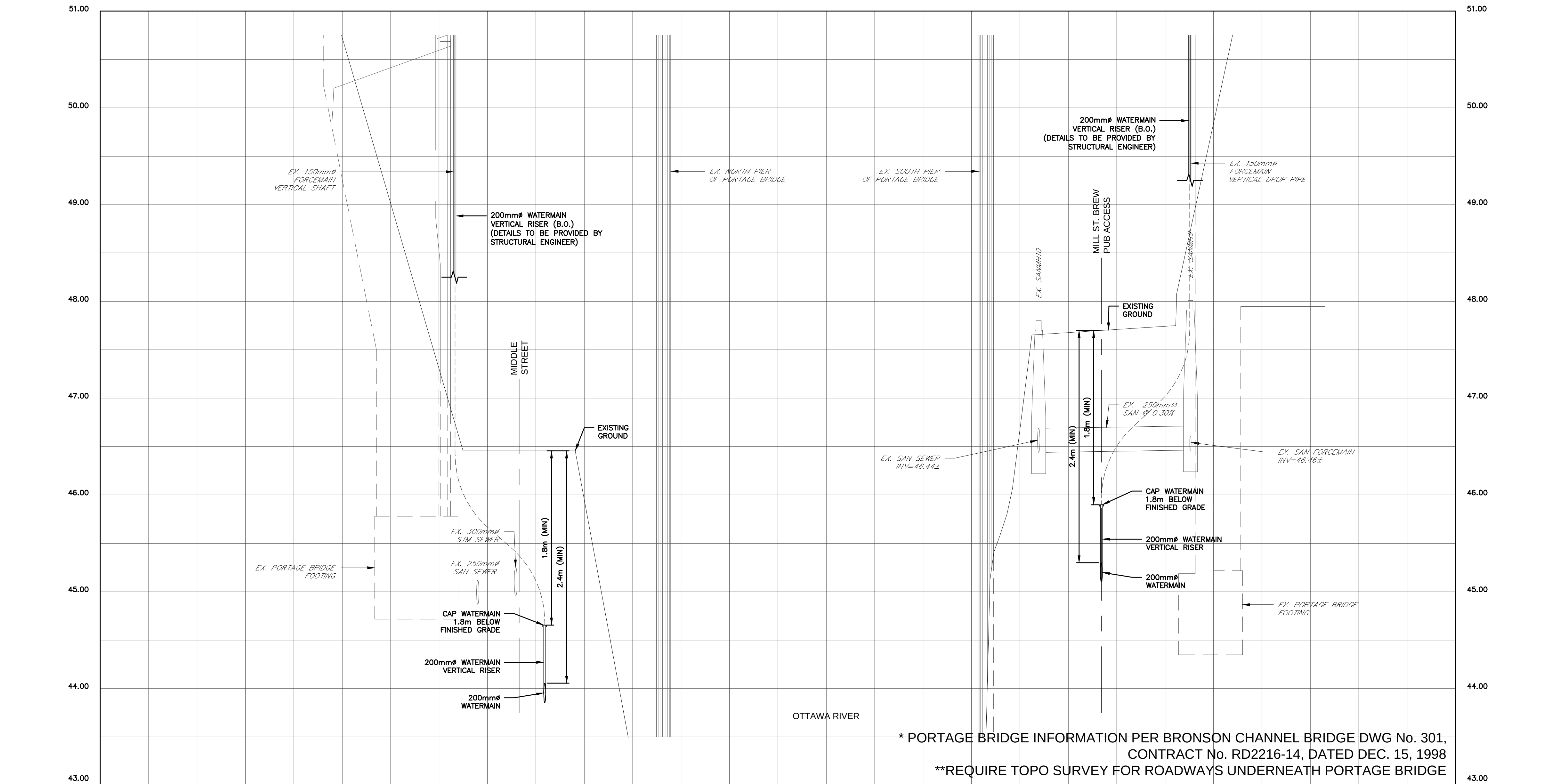
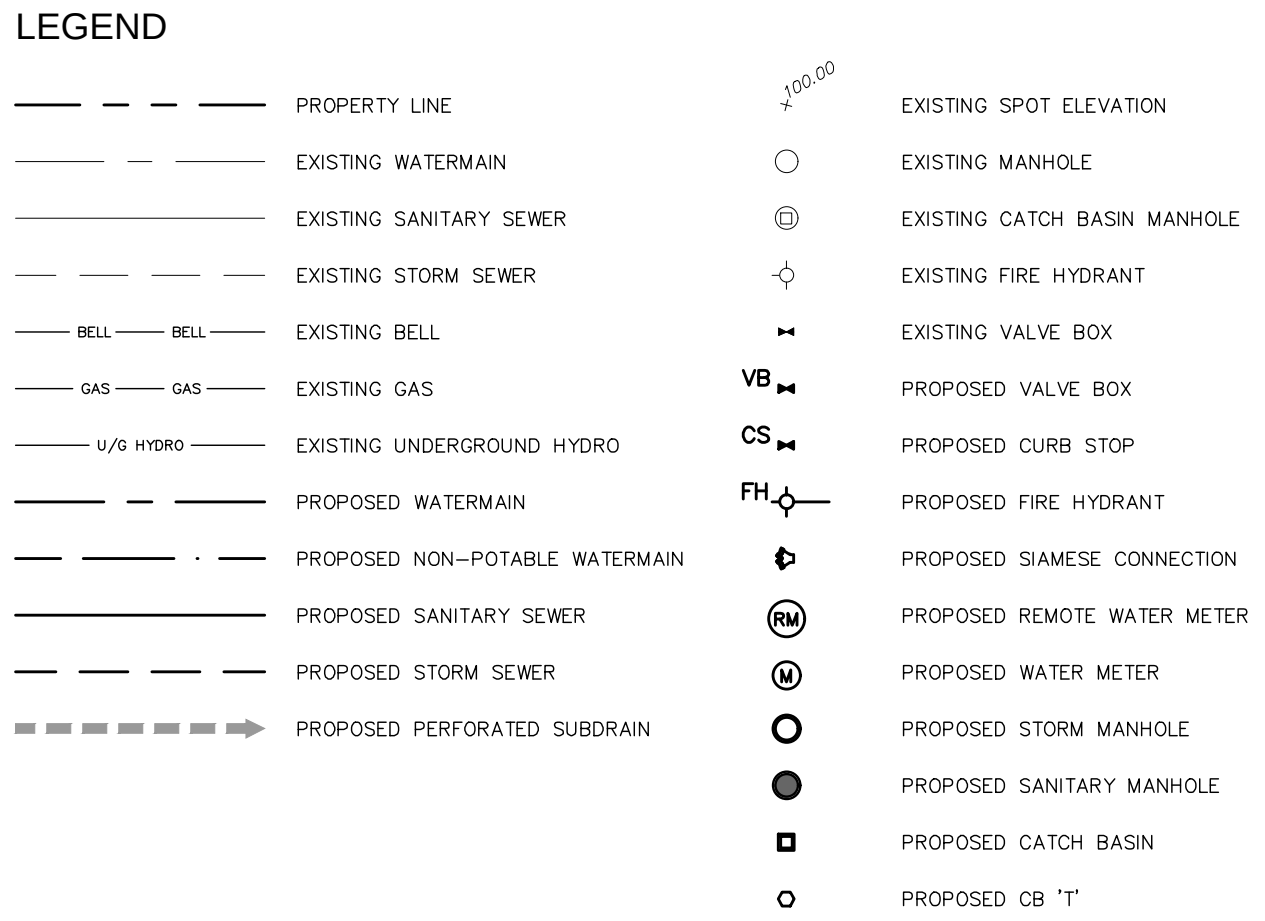
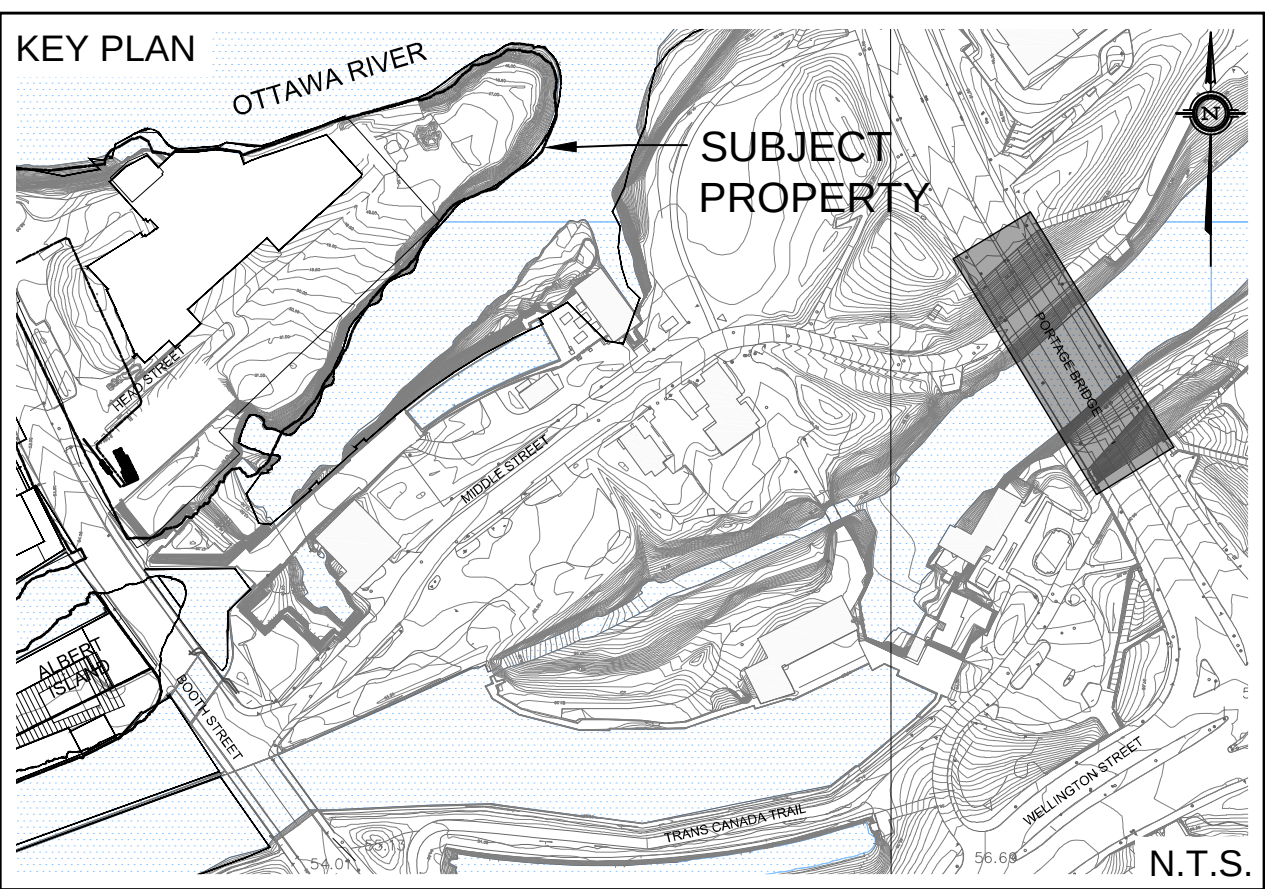
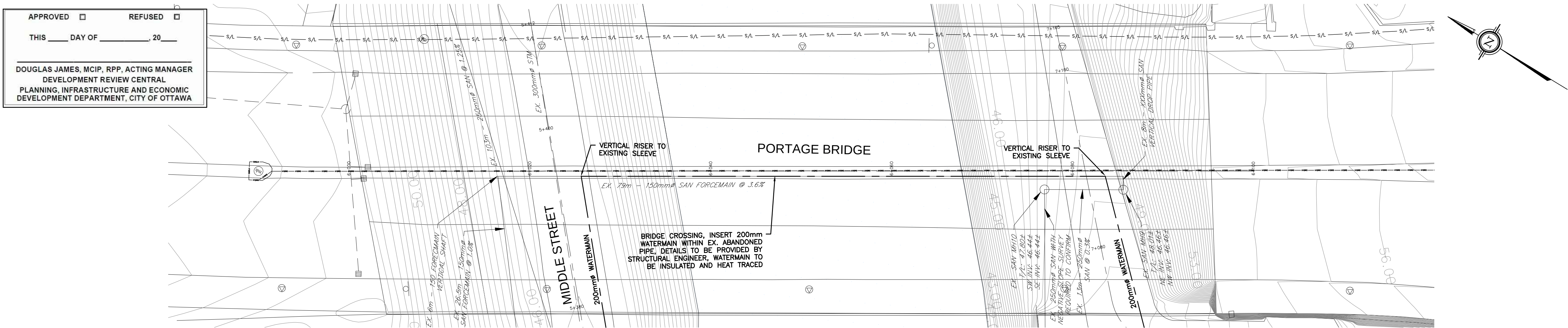
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SCALE:	H 1: 250, V 1: 25	DATE:	SEPTEMBER 2017		



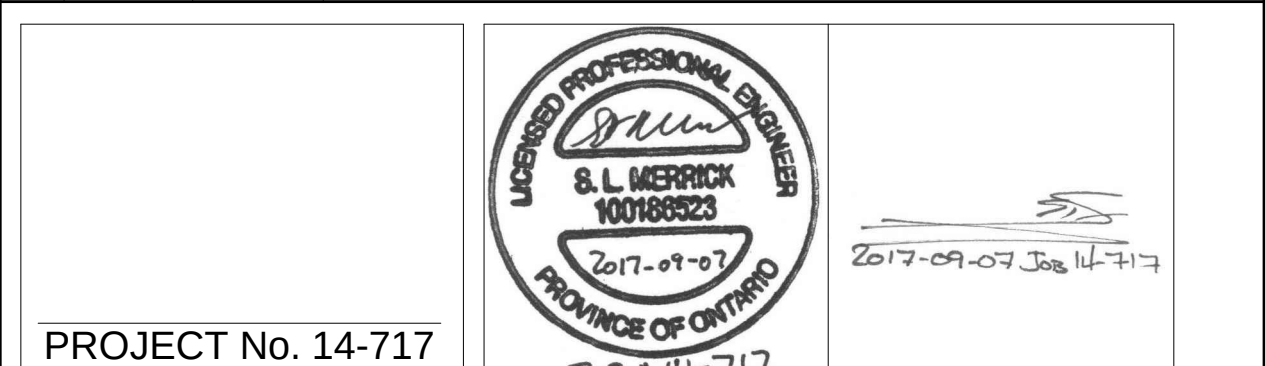




TOP OF WATERMAIN		TOP OF WATERMAIN
SANITARY INVERT		SANITARY INVERT
STORM INVERT		STORM INVERT
PROPOSED ELEVATION		PROPOSED ELEVATION
CENTERLINE CHAINAGE	6+000 6+020 6+040 6+060 6+080 6+100	CENTERLINE CHAINAGE

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TOPOGRAPHIC INFORMATION			
TOPOGRAPHIC INFORMATION PROVIDED BY FAIRHALL, MOFFATT & WOODLAND LIMITED			
PROJ. NO. T41200			
DATED JANUARY 15, 2015			
SITE PLAN INFORMATION			
SITE PLAN PROVIDED BY BARRY J. HOBIN & ASSOCIATES ARCHITECTS			
PROJ. NO. 1509			
DATED RECEIVED SEPTEMBER 1, 2017			
GEOTECHNICAL STUDY			
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP			
PROJ. NO. PG3202-1			
DATED OCTOBER 5, 2015			
SITE SERVICING AND STORMWATER MANAGEMENT STUDY			
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL			
PROJ. NO. 14-717			
DATED JUNE 2017			
BENCH MARK			
MULTIPLE ON-SITE AS PER SURVEY			
2	S.L.M.	17.09.07	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	15.08.14	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION



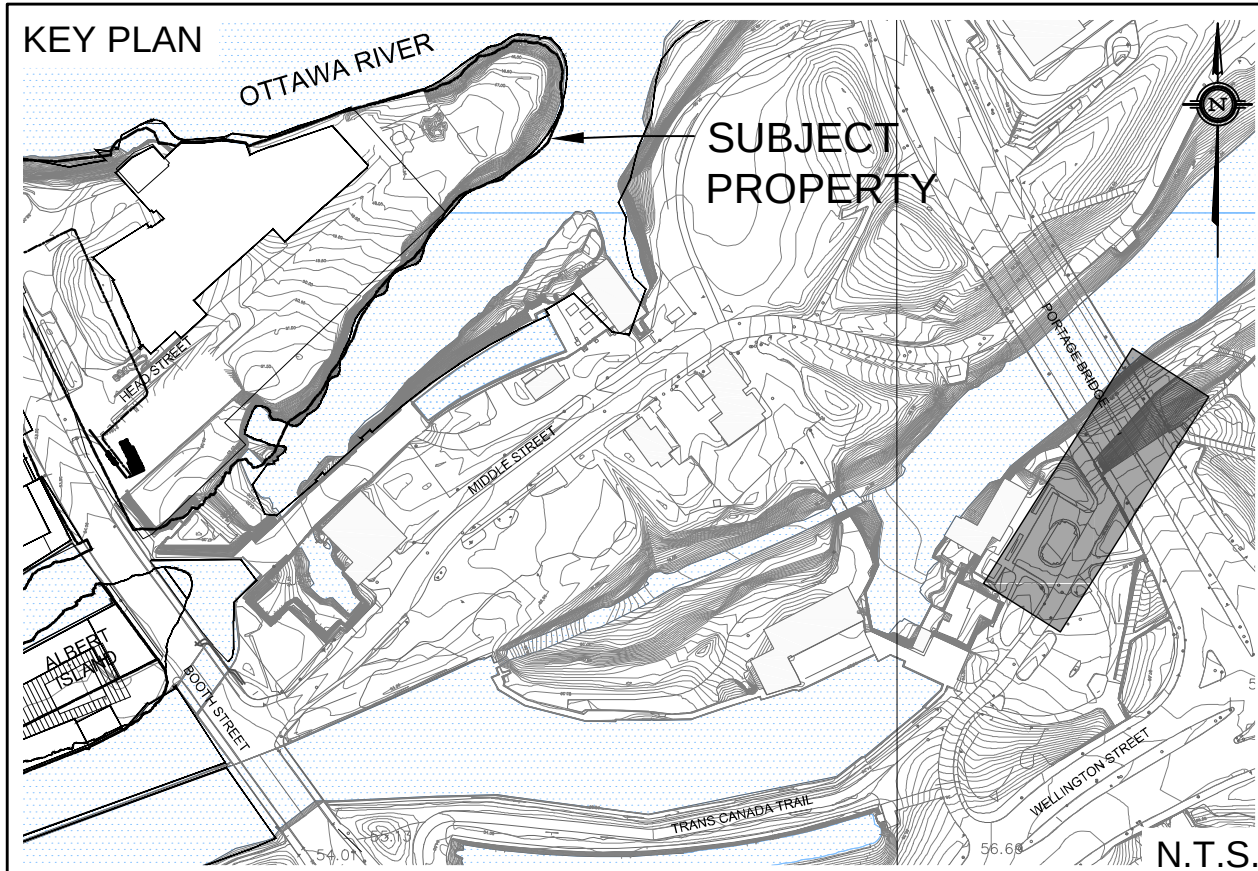
PLAN & PROFILE - PORTAGE BRIDGE
ZIBI - ONTARIO (PHASE 1) © DSEL

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DESIGNED BY:	B.N.C.	CHECKED BY:	A.D.F.	PP-8	17 of 19
SCALE:	H 1:250, V 1:25	DATE:	SEPTEMBER 2017		

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LEGEND

	PROPERTY LINE		EXISTING SPOT ELEVATION
	EXISTING WATERMAIN		EXISTING MANHOLE
	EXISTING SANITARY SEWER		EXISTING CATCH BASIN MANHOLE
	EXISTING STORM SEWER		EXISTING FIRE HYDRANT
BELL ——— BELL	EXISTING BELL		EXISTING VALVE BOX
GAS ——— GAS	EXISTING GAS	VB	PROPOSED VALVE BOX
U/G HYDRO ———	EXISTING UNDERGROUND HYDRO	CS	PROPOSED CURB STOP
	PROPOSED WATERMAIN	FH	PROPOSED FIRE HYDRANT
	PROPOSED NON-POTABLE WATERMAIN		PROPOSED SIAMESE CONNECTION
	PROPOSED SANITARY SEWER		PROPOSED REMOTE WATER METER
	PROPOSED STORM SEWER		PROPOSED WATER METER
	PROPOSED PERFORATED SUBDRAIN		PROPOSED STORM MANHOLE
			PROPOSED SANITARY MANHOLE
			PROPOSED CATCH BASIN
			PROPOSED CB "T"

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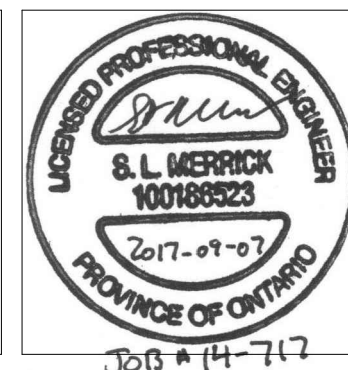
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PROJ. NO. 1508
DATED RECEIVED SEPTEMBER 1, 2017

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PROJ. NO. PG3202-1
DATED OCTOBER 5, 2015

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SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 14-717
DATED JUNE 2017

BENCH MARK
MULTIPLE ON-SITE AS PER SURVEY

2	S.L.M.	17.09.07	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	15.08.14	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION



2017-09-07 J08 14-71=

PLAN & PROFILE - MILL ST. BREW PUB ACCESS
ZIBI - ONTARIO (PHASE 1) © DSEI

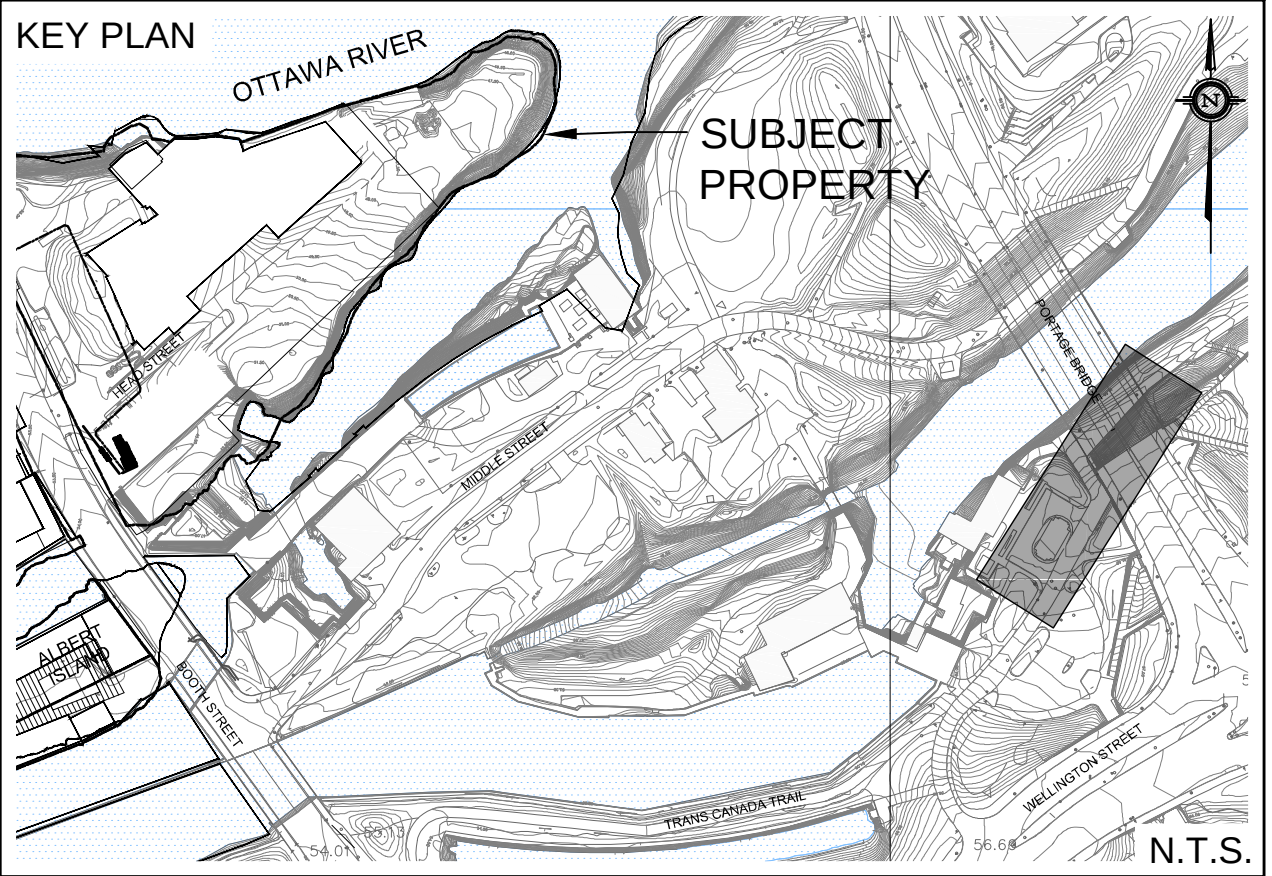


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DESIGNED BY: B.N.C.	CHECKED BY: A.D.F.	PP-9	18 of 19
SCALE: H 1:250, V 1:25	DATE: SEPTEMBER 2017		



57.00

56.00

55.00

54.00

53.00

52.00

51.00

50.00

57.00

56.00

55.00

54.00

53.00

52.00

51.00

50.00

MATCH LINE - REFER TO DWG PP-13

* PORTAGE BRIDGE INFORMATION PER BRONSON CHANNEL BRIDGE DWG No. 301,
CONTRACT No. RD2216-14, DATED DEC. 15, 1998

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2	S.L.M.	17.09.07	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	15.08.14	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION

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