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				()	Participant of the second seco
					\wedge / \wedge '
HWAY 417			PL PZ		ROM ROLOGR
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			NA	Y 417	THR PLACE
	ION NOL		SITE HIGHN		ŶŶŦŎ
	CONSTRUCTION NOR			RINKINGHBORPL	X (
	CO			NWK NIGHE	Ster /
		, -		21	The off
ep 25, 2018			CARR FUER		SILLIN PO
			TR		
				PAL	ADIUMOR
	NORTH		EY PLAN T.S.		
		 _			
		_			PROPERTY LINE
	СВМН 3	PROPOSED SANITARY N		SANMH	EXISTING CONCRETE CURB
PROPERTY	O	SUBDRAINS PER GETO	N MANHOLE c/w 3.0m RADIAL FECH & SEWER	•	EXISTING SANITARY MANHOLE AND SEWER
PROF	STM MH 1 O-	— PROPOSED STORM MAI PROPOSED CATCHBASI		CBMH 🔘 STMMH 🔍	EXISTING CATCHBASIN MANHOLE EXISTING STORM MANHOLE
		SUBDRAINS PER GETO	TECH AND LEAD	<i>CB</i>	AND SEWER EXISTING CATCHBASIN C/W
The second secon	HYD - Ѻ ⊗ ^{VB}	PROPOSED HYDRANT A = PROPOSED BARRIER C		HYD -0	CATCHBASIN LEAD EXISTING HYDRANT
Mart K. M.			-	EX UP	EXISTING UTILITY POLE C/W GUY WIRES
	200mmø	PROPOSED WATERMAI	N AND DIAMETER	<u>300mmø WM</u>	GUY WIRES EXISTING WATERMAIN
	VB ————————————————————————————————————	PROPOSED VALVE AND		<i>HYD</i> -∳	EXISTING HYDRANT CAW VALVE & LEAD
	BEND	PROPOSED BEND AND 11.25°, 22.5°, 45° or TEE	IHRUSTBLOCK	LS \$	EXISTING LIGHT STANDARD
War III	C	PROPOSED CAP	x	x x x x	- EXISTING FENCE
	ICD	PROPOSED INLET CON	TROL DEVICE	они — они —	_ EXISTING OVERHEAD UITILITY WIRES
	RD o	ROOF DRAIN			PROPOSED WATER METER
			FOR SHALLOW SEWERS	¢	
	C.S.	PROPOSED BUILDING E	NTRANCE SEEPAGE BARRIER (PER GEOT		PROPOSED LIGHT STANDARD
	-	 PROPOSED CLAY SEAL PROPOSED RETAINING 		·	PROPOSED TRANSFORMER
					PROPOSED TRANSFORMER
	<u>GENERAL</u>	<u>NOTES:</u>			
			RK WITH OTHER TRADES AND C		
			ZE, MATERIAL AND ELEVATION C ME RESPONSIBILITY FOR ALL E>		
		. NECESSARY PERMITS ANI	O APPROVALS FROM THE CITY C	OF OTTAWA BEFORE COM	MENCING CONSTRUCTION.
			N OBTAIN AND PROVIDE PROOF		L RISK AND OPERATIONAL LIABILITY TECTS AS CO-INSURED.
ALL'S A			SITE AND OFF-SITE, INCLUDING TO THE SATISFACTION OF THE		S ON PUBLIC ROAD ALLOWANCES
	6. REMOVE FR	ROM SITE ALL EXCESS EXC	AVATED MATERIAL, ORGANIC M	ATERIAL AND DEBRIS UNL	ESS OTHERWISE INSTRUCTED BY
		OF AT A LICENSED LANDFIL	ROM SITE ANY CONTAMINATED L FACILITY.	MATERIAL. ALL CONTAMI	NATED MATERIAL SHALL BE
		FIONS ARE GEODETIC. GEOTECHNICAL REPORT (N	O. PG4409-1, DATED FEBRUARY	9 2018) PREPARED BY P	
	SUBSURFA	CE CONDITIONS, CONSTRU	CTION RECOMMENDATIONS, AN	D GEOTECHNICAL INSPEC	
	MATERIAL. 9. REFER TO A	ARCHITECT'S AND LANDSC/	APE ARCHITECT'S DRAWINGS FO	OR BUILDING AND HARDSL	IRFACE AREAS AND DIMENSIONS.
	10. REFER TO D	DSS & SWM REPORT (R-201	8-011) PREPARED BY NOVATECH	HENGINEERING CONSULT	ANTS LTD.
		ND KEY GRIND ASPHALT AT NE/PARKING PAINTING.	ALL ROAD CUTS AND ASPHALT	TIE IN POINTS AS PER CIT	Y OF OTTAWA STANDARDS (R10).
	13. CONTRACT	OR TO PROVIDE THE CONS	ULTANT WITH A GENERAL PLAN		
	AND T/G EL	EVATIONS, STRUCTURE LO	AS-BUILT INFORMATION MUST II CATIONS, VALVE AND HYDRANT		SIZES, LENGTHS, SLOPES, INVERT TIONS AND ANY ALIGNMENT
	CHANGES, I	_ (0.			
4 4	<u>SEWER N</u>	OTES:			
			S AND APPURTENANCES IN ACC	ORDANCE WITH THE MOS	T CURRENT CITY OF OTTAWA
	2. SPECIFICAT	S AND SPECIFICATIONS. TONS:			
			<u>SPEC. No.</u> 705.010	REFERENCE OPSD	
	CB, FRAME	ANITARY MANHOLE (1200m) E & COVER ANITARY MH FRAME & COV	400.020	OPSD OPSD OPSD	
		GHT MH FRAME AND COVER		OPSD OPSD CITY OF OTTA	WA
	STORM SE	WER	PVC DR 35		
	SANITARY CATCHBAS	-	PVC DR 35 PVC DR 35		
		AND SANITARY SERVICE LA ANDARD DETAILS S14 AND		VITH BACKFLOW PREVENT	ION DEVICES AS PER THE CITY OF
	4. INSULATE A	LL PIPES (SAN/STM) THAT H			R INSULATION DETAIL FOR SHALLOW
			FO 1.0m FROM FACE OF BUILDIN		F 1.0%.
PROPER			ARE TO BE COMPACTED TO AT L D STONE AS A BEDDING LAYER 3		
	7. FLEXIBLE CO	ONNECTIONS ARE REQUIRE		MANHOLES (FOR EXAMPL	E KOR-N-SEAL, PSX: POSITIVE SEAL
	8. THE OWNER	R SHALL REQUIRE THAT THE	E SITE SERVICING CONTRACTOR	R PERFORM FIELD TESTS	
	DYE TESTIN	G IS TO BE COMPLETED ON	ALL SANITARY SERVICES TO C	ONFIRM PROPER CONNEC	0.07.16, 410.07.16.04 AND 407.07.24. CTION TO THE SANITARY SEWER VAL ENGINEER WHO SHALL SUBMIT
	A CERTIFIED	D COPY OF THE TEST RESU	LTS.		
			SIN MANHOLES ARE TO HAVE 30 IMPS UNLESS OTHERWISE INDIC		IERWISE INDICATED. ALL
	10. ALL CATCHE 600mm SUM		R CATCHBASIN MANHOLES THAT	FARE TO HAVE ICD'S INST	ALLED WITHIN THEM ARE TO HAVE
		IG TILE CONNECTIONS ARE	TO BE MADE TO THE PROPOSE	D STORM SEWER SYSTEM	I DOWNSTREAM OF ANY INLET
	12. CONTRACTO	OR TO TELEVISE (CCTV) ALI	PROPOSED SEWERS, 200mmØ		
	COMPLETIO	THUR CONTRACT, THE CON	TRACTOR IS RESPONSIBLE TO F	LUSH AND CLEAN ALL SE	WEND & AFFURIENANCES.
			LOCATION		
				s, ,, _, ', ', _ ''	
	NO	V ATECH		BOR PLACE - CA	
	Engineers, Plan	ners & Landscape Architects	DRAWING NAME	BOR PLACE - CA	PROJECT No.
	Engineers, Plan Suite 200, 24(Ottawa, On	ners & Landscape Architects O Michael Cowpland Drive Itario, Canada K2M 1P6	DRAWING NAME		PROJECT No. 11719
	Engineers, Plan Suite 200, 240 Ottawa, On Telephone Facsimile	ners & Landscape Architects O Michael Cowpland Drive Intario, Canada K2M 1P6 (613) 254-9643 (613) 254-5867			ES REV REV
	Engineers, Plan Suite 200, 24(Ottawa, On Telephone	ners & Landscape Architects D Michael Cowpland Drive Intario, Canada K2M 1P6 (613) 254-9643	DRAWING NAME		PROJECT No. 11719 REV REV REV #
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