

MATCHLINE
REFER TO DWG. 20027-S2

ICD DESIGN TABLE				
STRUCTURE	100 YEAR OUTFLOW (L/s)	100 YEAR HEAD (m)	ORIFICE DIAMETER (mm)	TYPE
CB 1	120	1.78	204.1	SLIDE
CB 2	60	1.79	144.1	SLIDE
CB 3	80	1.79	166.4	SLIDE
CB 4	60	1.81	143.8	SLIDE
CB 5	120	1.78	204.1	SLIDE
CB 6	60	1.77	144.5	SLIDE
CB 7	30	1.83	101.4	SLIDE
CB 8	25	1.83	92.6	SLIDE
CB 9	55	1.66	140.8	SLIDE
CB 10	30	1.58	105.3	SLIDE
CB 11	25	1.74	93.8	SLIDE
CB 12	40	1.66	120.1	SLIDE
CB 13	30	1.75	102.6	SLIDE
CB 14	25	1.74	93.8	SLIDE
DICB 15	20	1.63	85.3	SLIDE
DICB 17	20	1.63	85.3	SLIDE

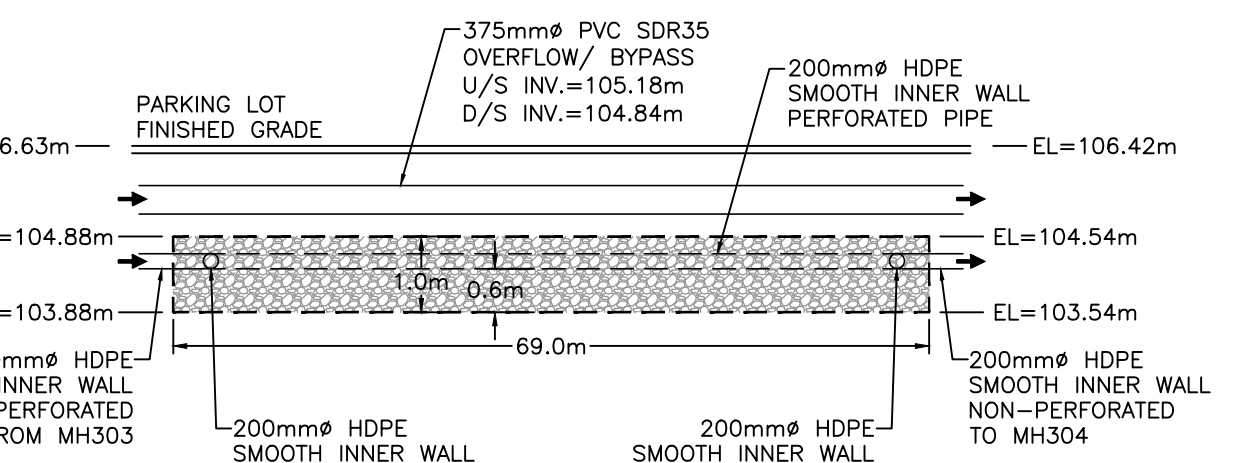
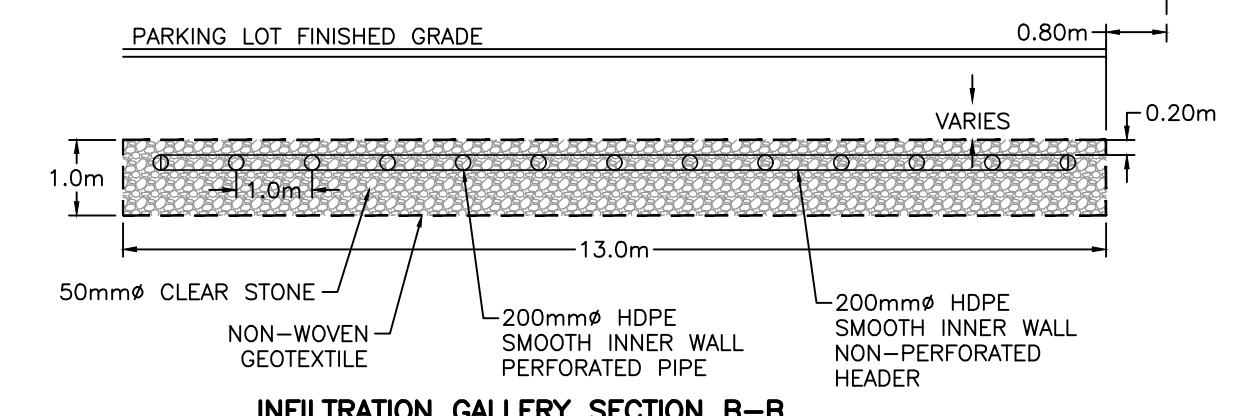
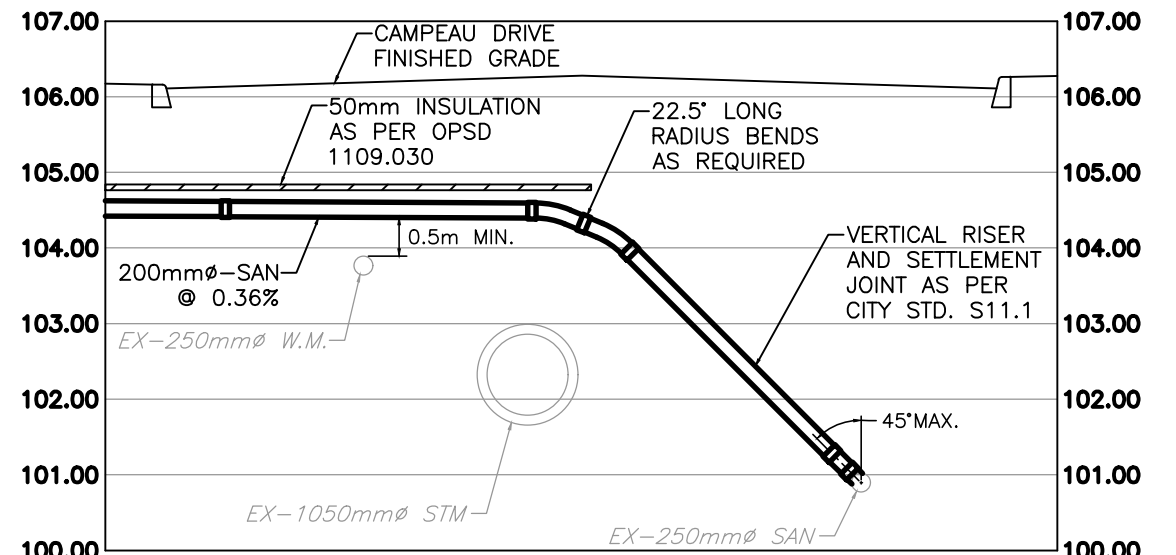
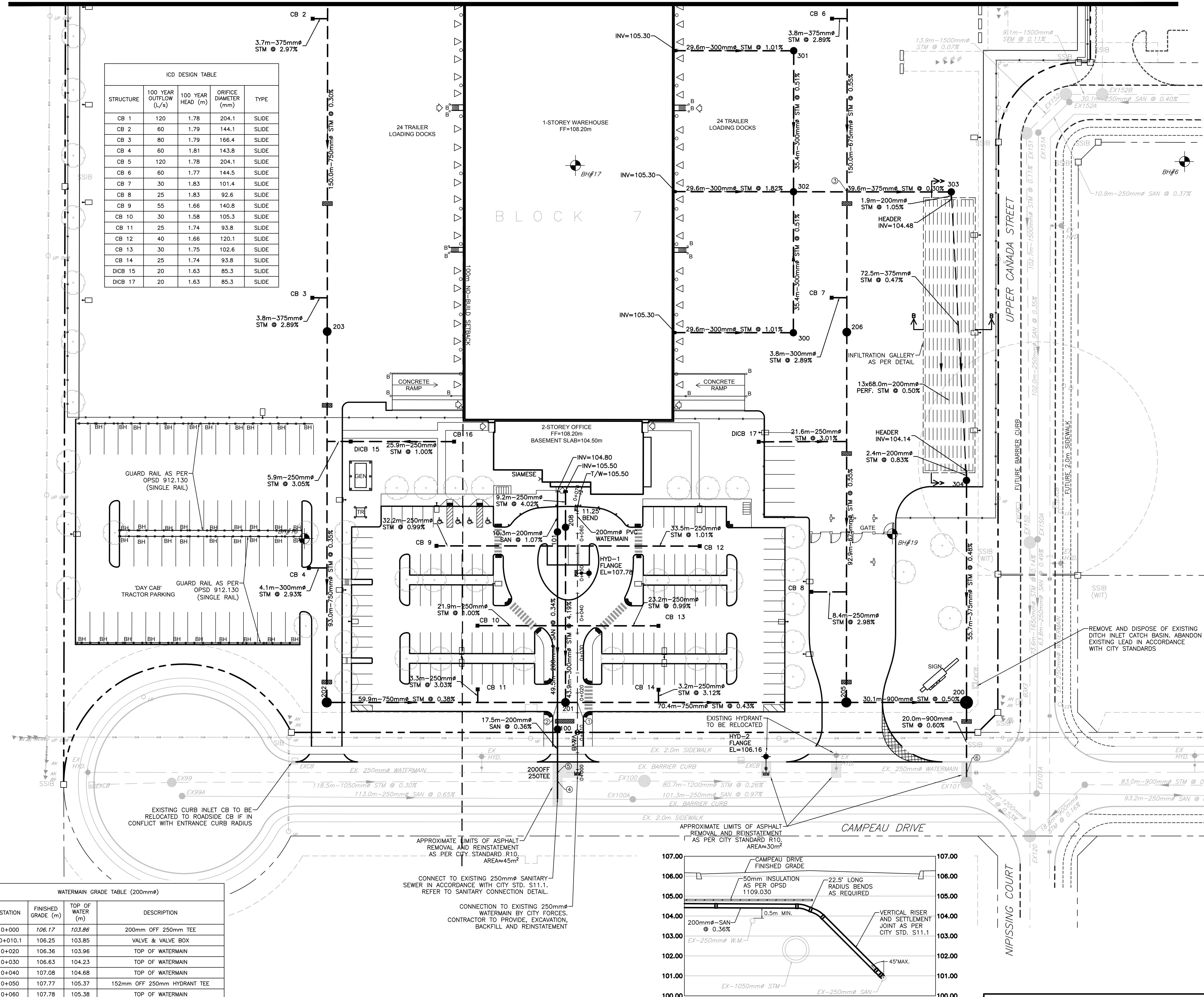
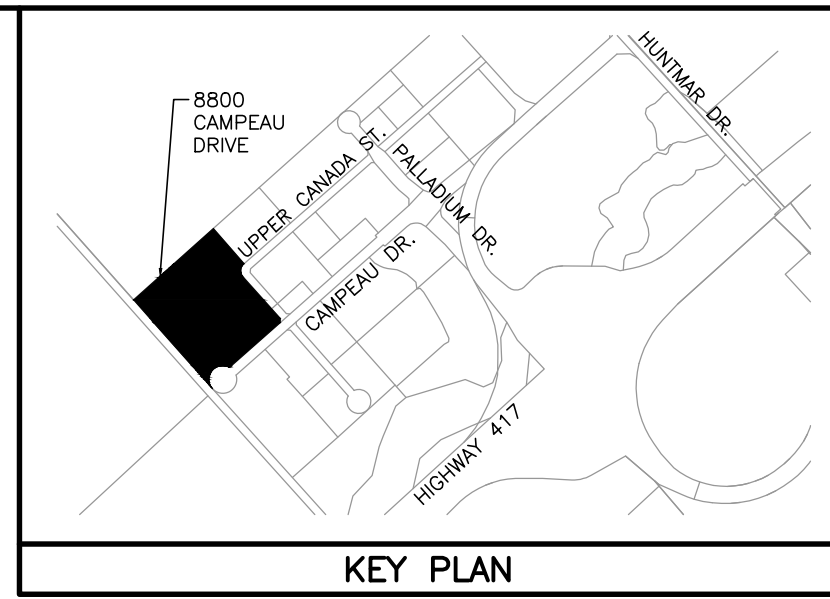
CATCH BASIN TABLE				
STRUCTURE	STRUCTURE SIZE	T/G ELEV	INVERT	GRATE
CB 1	600x600mm	106.42	NE=104.74	S19
CB 2	600x600mm	106.32	NE=104.64	S19
CB 3	600x600mm	106.22	NE=104.54	S19
CB 4	600x600mm	106.15	NE=104.47	S19
CB 5	600x600mm	106.42	NE=104.74	S19
CB 6	600x600mm	106.32	NE=104.64	S19
CB 7	600x600mm	106.22	NE=104.54	S19
CB 8	600x600mm	105.95	NE=104.27	S19
CB 9	600x600mm	107.10	NE=105.42	S19
CB 10	600x600mm	106.64	NE=105.13	S19
CB 11	600x600mm	106.06	SE=104.38	S19
CB 12	600x600mm	107.10	SW=105.42	S19
CB 13	600x600mm	106.64	SW=104.96	S19
CB 14	600x600mm	106.06	SE=104.38	S19
CB 16	600x600mm	106.61	SW=105.41	S19
DICB 15	600x600mm	106.42	SW=104.67	403.010
DICB 17	600x600mm	106.50	NE=104.75	403.010

WATERMAIN GRADE TABLE (200mm)				
STATION	FINISHED GRADE (m)	TOP OF WATER (m)	DESCRIPTION	
0+000	106.17	103.86	200mm OFF 250mm TEE	
0+010.1	106.25	103.85	VALVE & VALVE BOX	
0+020	106.36	103.96	TOP OF WATERMAIN	
0+030	106.63	104.23	TOP OF WATERMAIN	
0+040	107.08	104.68	TOP OF WATERMAIN	
0+050	107.77	105.37	152mm OFF 250mm HYDRANT TEE	
0+060	107.78	105.38	TOP OF WATERMAIN	
0+066.3	107.89	105.49	11.25' BEND	
0+070.8	108.08	105.50	CAP	

STORM MANHOLE TABLE				
STRUCTURE	STRUCTURE SIZE	T/G ELEV	INVERT	GRATE
EX101	2400mm	105.88	SW=101.44 E=101.41 NW=101.86	S24.1
200	2400mm	105.88	NW=103.82 SW=102.04 SE=101.98	S24.1
201	1500mm	106.37	SW=102.67 NW=103.24 NE=102.64	S24.1
202	1800mm	106.43	NW=102.96 SE=103.29	S24.1
203	1500mm	106.35	NW=103.32 SE=103.29	S24.1
204	1500mm	106.46	SE=103.76	S24.1
205	1800mm	106.23	NW=102.42 SW=102.34 NE=102.19	S24.1
206	1500mm	106.33	NW=102.96 SE=102.93	S24.1
207	1500mm	106.46	SE=103.78	S24.1
208	1200mm	106.66	NW=105.13 SE=105.08	S24.1
300	1200mm	106.44	NW=104.94 SW=105.00	S24.1
301	1200mm	106.47	SE=104.94 SW=105.00	S24.1
302	1200mm	106.55	SE=104.76 NE=104.68 NW=104.76 SW=104.76	S24.1
303	1200mm	106.76	SW=104.56 SE=105.18	S24.1
304	1200mm	106.48	NW=104.12 SE=104.09 NW=104.84	S24.1

SANITARY MANHOLE TABLE				
STRUCTURE	STRUCTURE SIZE	T/G ELEV	INVERT	GRATE
100	1200mm	106.28	NW=104.49 SE=104.46	S24
101	1200mm	108.28	SE=104.66 NW=104.69	S24

SEWER CROSSING TABLE		
CROSSING No.	INVERTS (m)	SEPARATION (m)
1	WATER INV.=103.77 STM OBV.=103.50 SAN INV.=104.51	0.27
2	STM INV.=103.55 STM INV.=104.64 STM OBV.=103.94	0.96
3	SAN INV.=104.41 EX STM OBV.=103.00 SAN INV.=104.42	1.41
4	EX WATER INV.=103.88 EX WATER INV.=103.28	0.54
5	STM OBV.=102.90	0.38



NOT FOR CONSTRUCTION

NOTES
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

NO.	REVISION DESCRIPTION	DATE	BY
5	REVISED PER COMMENTS	09/08/21	SMC
4	ISSUED FOR TENDER	11/06/21	SMC
3	REVISED PER COMMENTS	28/05/21	SMC
2	ISSUED FOR PROGRESS REVIEW	22/03/21	SMC
1	ISSUED FOR SITE PLAN APPLICATION	02/12/20	SMC



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Land Development

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DESIGN	BLM
CHECKED	SMC
DRAWN	BLM
CHECKED	SMC
APPROVED	SMC

MARITIME-ONTARIO
FREIGHT LINES LIMITED

KANATA WEST BUSINESS PARK
8800 CAMPEAU DRIVE, OTTAWA, ON

SERVICING PLAN

PROJECT No.	20027
SURVEY	STANTEC
DATED	AUGUST 2021
DWG. No.	20027-S1