

STORM STRUCTURE AND ICD DATA TABLE													
STRUCTURE ID	AREA ID	SIZE	STRUCTURE	COVER	TOP OF GRATE	INVERT			DIAMETER (mm)	TYPE	HEAD (m)	FLOW (l/s)	ICD TYPE
						INLET	INLET	OUTLET					
CEPEO BARRHAVEN MANOTICK ELEMENTARY SCHOOL													
CBMH1	S-5	1200mm DIA.	OPSD 701.010	S28.1	103.84	101.370	101.190	375	PVC SDR-35				
CBMH2	S-7	1200mm DIA.	OPSD 701.010	S28.1	103.84	101.060	100.980	450	CONC. CL 100-D				
CBMH3	S-10	1200mm DIA.	OPSD 701.010	S28.1	104.20	100.830	100.750	525	CONC. CL 100-D				
CBMH4	S-11	1200mm DIA.	OPSD 701.010	S28.1	103.90				CONC. CL 100-D				
CBMH5	S-14	1200mm DIA.	OPSD 701.010	S28.1	103.90	101.300	100.360	525	CONC. CL 100-D	3.54	255	250 mm	
STM MH1		1200mm DIA.	OPSD 701.010	S24.1	104.10	100.270	99.800	525	CONC. CL 100-D				
STM MH2		1500mm DIA.	OPSD 701.011	S24.1	103.78	101.480	99.550	600	CONC. CL 100-D				
CB1	S-3	600X600mm	OPSD 705.010	S19.1	103.75			200	PVC SDR-35				
CB2	S-4	600X600mm	OPSD 705.010	S19.1	103.95			101.670	200	PVC SDR-35			
CB3	S-6	600X600mm	OPSD 705.010	S19.1	103.84			101.490	250	PVC SDR-35			
CB4	S-8	600X600mm	OPSD 705.010	S19.1	103.90			101.400	200	PVC SDR-35			
CB5	S-9	600X600mm	OPSD 705.010	S19.1	104.20			101.900	200	PVC SDR-35			
CB6	S-13	600X600mm	OPSD-400.083	S19.1	106.35			104.700	250	PVC SDR-35			
ECB1	S-12	300mm DIA.	S30	S30	106.35			105.300	250	HDPE			
TCB2	S-13	300mm DIA.	S30	S30	106.35			104.990	250	HDPE			

SAN STRUCTURE TABLE							
STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT			OUTLET	DESCRIPTION	
		INLET	INLET	INLET		SIZE	OPSD
SAMMH1	103.67			101.170	99.920	1200mm DIA.	OPSD-701.010 S24

PIPE CROSSING TABLE								
	Invert	Obvert	Clearance			Invert	Obvert	Description
			Under	Above	Under			
1	150mmØ PVC WM	103.700	103.850	1.230	Clearance Under	105.080	105.330	250mmØ HDPE STM
2	150mmØ PVC WM	101.800	101.950	0.630	Clearance Above	100.640	101.170	525mmØ CONC STM
3	150mmØ PVC WM	101.200	101.350	0.970	Clearance Above	99.700	100.230	525mmØ CONC STM
4	200mmØ PVC WM	101.330	101.530	1.160	Clearance Above	99.640	100.170	525mmØ CONC STM
5	200mmØ PVC SAN	101.400	101.600	1.310	Clearance Above	99.560	100.090	525mmØ CONC STM

WATERMAIN SCHEDULE					
STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN	COVER
150mm W/M Looping					
0+000	45° Bend Connect to EX.WM	103.770		101.000	2.770
0+001.81	45° Bend	103.870	101.000		2.870
0+014.32	200 x 200 TEE	103.930	101.270		2.660
0+014.78	200mm VB	103.940	101.270		2.670
0+015.73	200 x 200 Tee	103.950	101.270		2.680
0+017.41	200 x 150 Reducer	103.970	101.300		2.670
0+022.93	45° Bend	104.030	101.400		2.630
0+030.68	45° Bend	104.280	101.500		2.780
0+070.96	Crossing 525mmØ CONC STM	104.320	101.870		2.450
0+089.12	150 x 150 TEE	104.710	102.250		2.460
0+176.16	Crossing 250mmØ HDPE STM	106.300	103.850		2.450
0+182.22	150mm VB	107.590	104.380		3.210
0+189.26	300 x 150 TEE Connect to EX. 305mmØ W/M	107.640	105.120	105.120	2.520

From 200x200 TEE TO PROPOSED BUILDING					
1+000	200 x 200 TEE	103.930	101.270		2.660
1+005.17	200mm VB	104.280	101.710		2.570
1+006.22	WATER CAP	104.340	101.800		2.540

From 200x200 TEE TO PROPOSED BUILDING					
2+000	200 x 200 TEE	104.280	101.500		2.780
2+005.17	200mm VB	104.280	101.710		2.570
2+006.22	WATER CAP	104.340	101.800		2.540

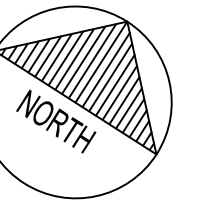
From 150x150 TEE TO PROPOSED FIRE HYDRANT					
3+000	150X150 TEE	104.710	102.200		2.510
3+005.33	150mm GV	104.690	102.200		2.490
3+006.36	FIRE HYDRANT	104.680	102.200		2.480



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OTTAWA, ONTARIO
CANADA K2B 9K2
T: 613-829-2800
F: 613-829-8299
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CORNWALL, ONTARIO, CANADA K7J 3E5
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CLIENT REF. #
PROJECT:
**CEPEO BARRHAVEN
MANOTICK ELEMENTARY SCHOOL**



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IS	RE	DATE	DESCRIPTION
3		25 JULY 2022	REVISED AS PER CITY COMMENTS
2		13 APR 2022	ISSUED FOR SPA
1		21 MAR 2022	ISSUED FOR BID AND PERMIT

PROJECT NO:	219-00014-01	DATE:	JULY 2022
ORIGINAL SCALE:	1:400	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.	
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CHECKED BY:	JZ		
DISCIPLINE:	CIVIL		
TITLE:	DETAILS		
SHEET NUMBER:	C02		
SHEET #:	2	OF	6
ISSUE:	ISSUED FOR SPA		REV #
DATE OF:	2022-07-25		0

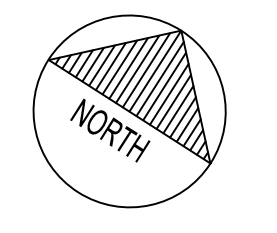
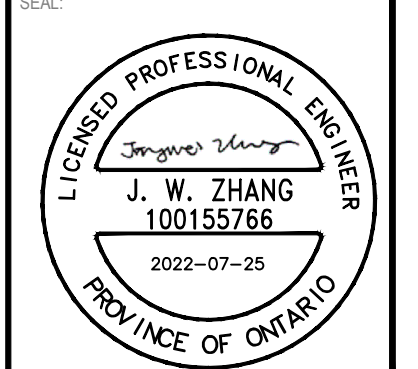
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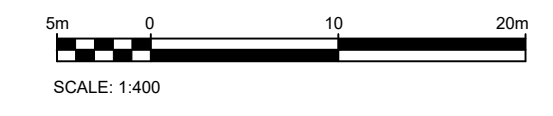


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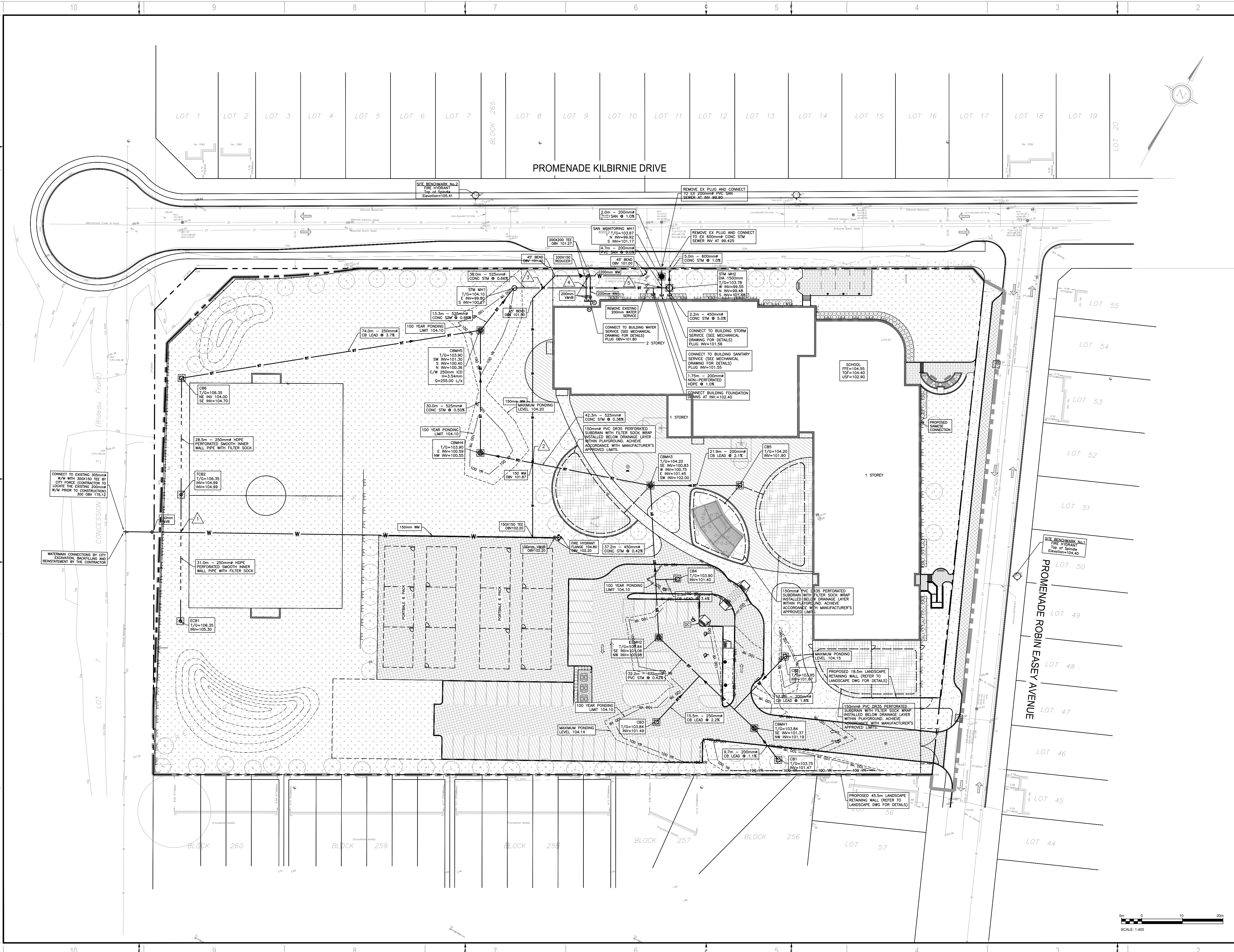
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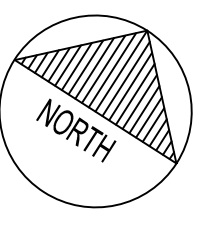
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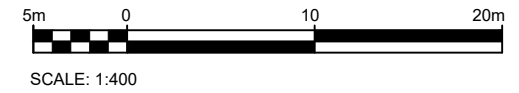
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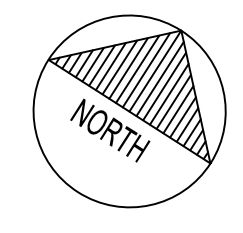
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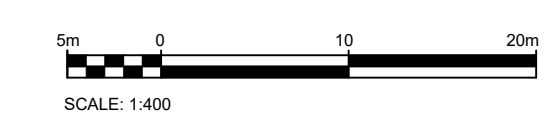


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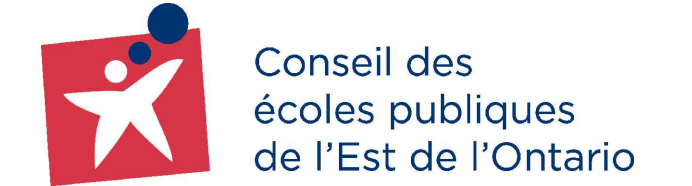
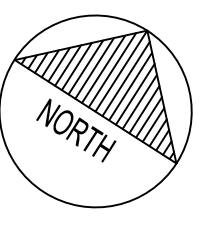
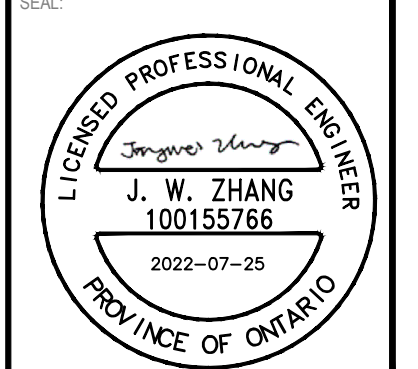
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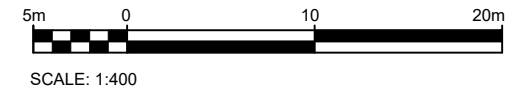
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EROSION AND SEDIMENT CONTROL PLAN

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