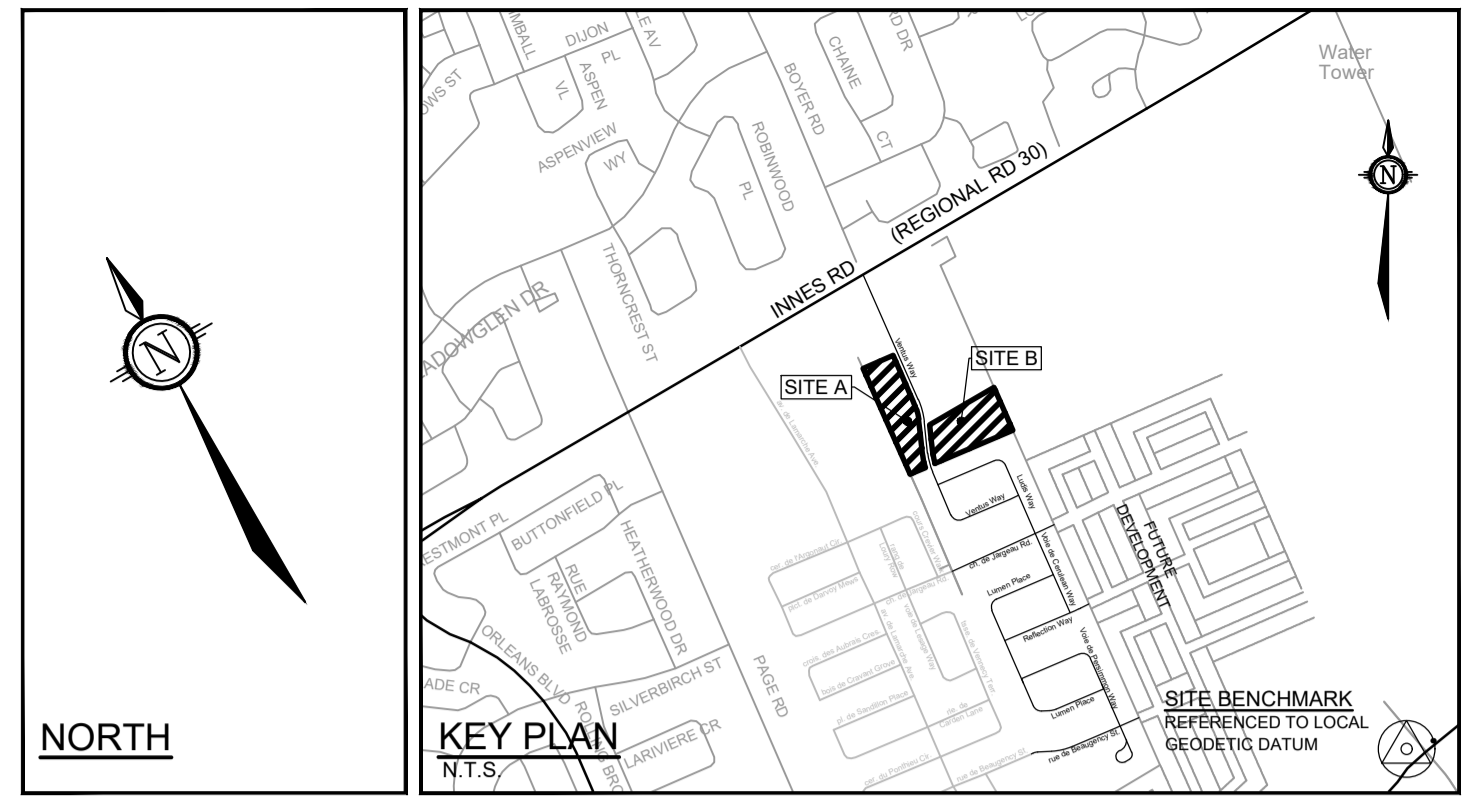
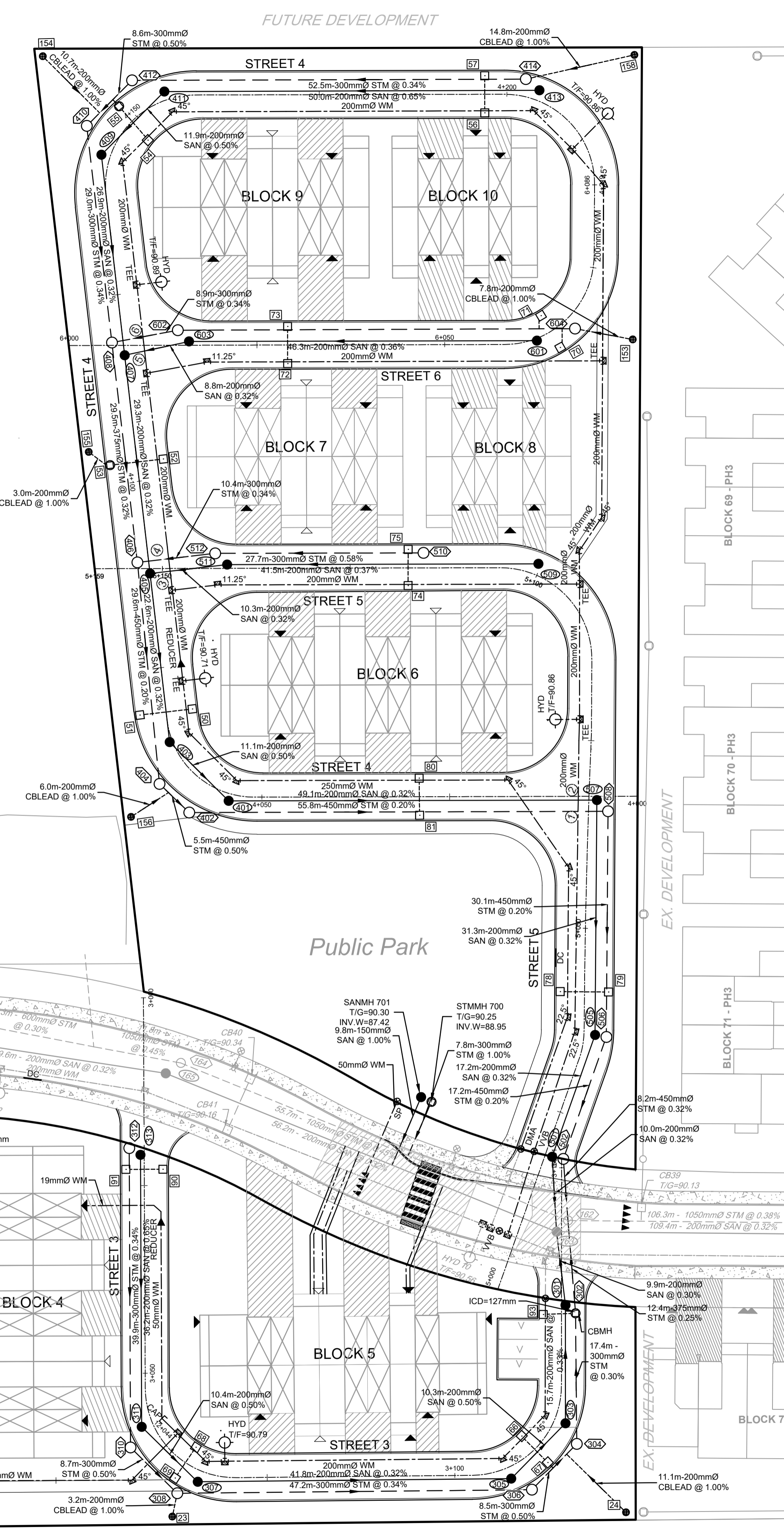


SAN MANHOLE TABLE			
MANHOLE ID	STATION	T/G ELEV	INVERT
101	1+139.12	90.80	SW=88.14 SE=88.09
103	1+100.66	90.93	W=88.29 NE=88.26
105	1+090.47	91.01	NW=88.36 E=88.33
107	1+071.47	91.00	N=88.45 SE=88.42
109	1+062.15	90.95	NE=88.52 S=88.49
111	1+021.59	90.74	SW=88.78
201	2+023	90.95	NW=87.99 NE=87.94 S=87.99
203	2+025.20	90.94	SW=88.04 N=88.01
205	2+062.96	90.95	NE=88.17
207	2+140.68	90.62	SW=87.83 E=87.80
209	2+098.20	90.82	NE=87.97
301	3+131.70	90.37	SW=88.17 NE=88.14
303	3+116.44	90.54	W=88.25 NE=88.22
305	3+107.04	90.55	NW=88.33 E=88.30
307	3+066.19	90.60	N=88.49 SE=88.46
311	3+056.68	90.63	NE=88.57 S=88.54
313	3+020.91	90.43	SW=88.81

SAN MANHOLE TABLE			
MANHOLE ID	STATION	T/G ELEV	INVERT
401	4+054.22	90.76	N=87.96 SE=87.93
403	4+065.08	90.59	NE=88.05 S=88.02
405	4+087.62	90.86	NE=88.12 SW=88.12 SE=88.17
407	6+007.37	90.80	NE=88.21 SW=88.21 SE=88.26
409	4+143.42	90.63	E=88.35 SW=88.30
411	4+154.66	90.66	SE=88.46 W=88.41
413	4+203.95	90.73	NW=88.78
501	5+019.05	90.24	E=87.53 SW=87.50
505	5+035.87	90.41	NE=87.62 W=87.59
507	5+067.12	90.76	NW=87.77 SW=87.72
509	5+100.36	90.58	NW=88.38
511	5+141.39	90.69	SE=88.23 NW=88.20
601	6+062.28	90.58	NW=88.49
603	6+015.94	90.70	SE=88.32 NW=88.29

STM MANHOLE TABLE			
MANHOLE ID	STATION	T/G ELEV	INVERT
100	1+140.54	90.81	SE=89.01 NW=89.07 SW=88.53 NE=88.48
102	1+100.62	90.96	NE=88.89 W=88.73
104	1+090.55	91.04	E=88.78 NW=88.81 S=88.91
106	1+071.47	91.02	SE=88.88 N=88.91
108	1+062.12	90.98	S=88.96 NE=88.99
110	1+020.74	90.75	SW=89.13
202	2+139.78	90.60	SW=88.28 E=88.25
204	2+101.49	90.79	W=88.44 NE=88.41
206	2+090.45	90.90	NW=88.53 E=88.50
208	2+071.09	90.94	N=88.63 SE=88.60
210	2+061.63	90.90	NE=88.71 S=88.68
212	2+020.58	90.88	SW=88.85
302	3+130.62	90.37	SW=86.39 NE=86.36 NW=86.61
304	3+114.96	90.55	W=86.47 NE=86.44
306	3+108.50	90.56	NW=86.54 E=86.51
308	3+064.72	90.67	N=86.73 SE=86.70 W=86.12
310	3+058.14	90.72	NE=86.80 S=86.77
312	3+020.02	90.36	SW=86.94

STM MANHOLE TABLE			
MANHOLE ID	STATION	T/G ELEV	INVERT
402	4+057.61	90.74	N=87.17 SE=87.13
404	4+061.61	90.66	NE=87.28 S=87.20
406	4+089.29	90.79	NE=87.40 SW=87.34 SE=87.48
408	4+118.75	90.80	NE=87.57 SW=87.50 SE=87.57
410	4+145.66	90.63	E=87.72 SW=87.67
412	4+151.98	90.67	SE=87.81 W=87.76
414	4+202.09	90.68	NW=87.99 SE=88.40
502	5+019.28	90.20	E=86.88 SW=86.88
506	5+035.73	90.36	NE=86.91 W=86.91
508	4+003.90	90.70	NW=87.02 SW=86.97
510	5+115.23	90.48	NW=87.71
512	5+142.98	90.67	SE=87.55 NW=87.52
602	6+014.44	90.67	SE=87.63 NW=87.60
604	6+067.06	90.55	NW=87.81 S=89.07



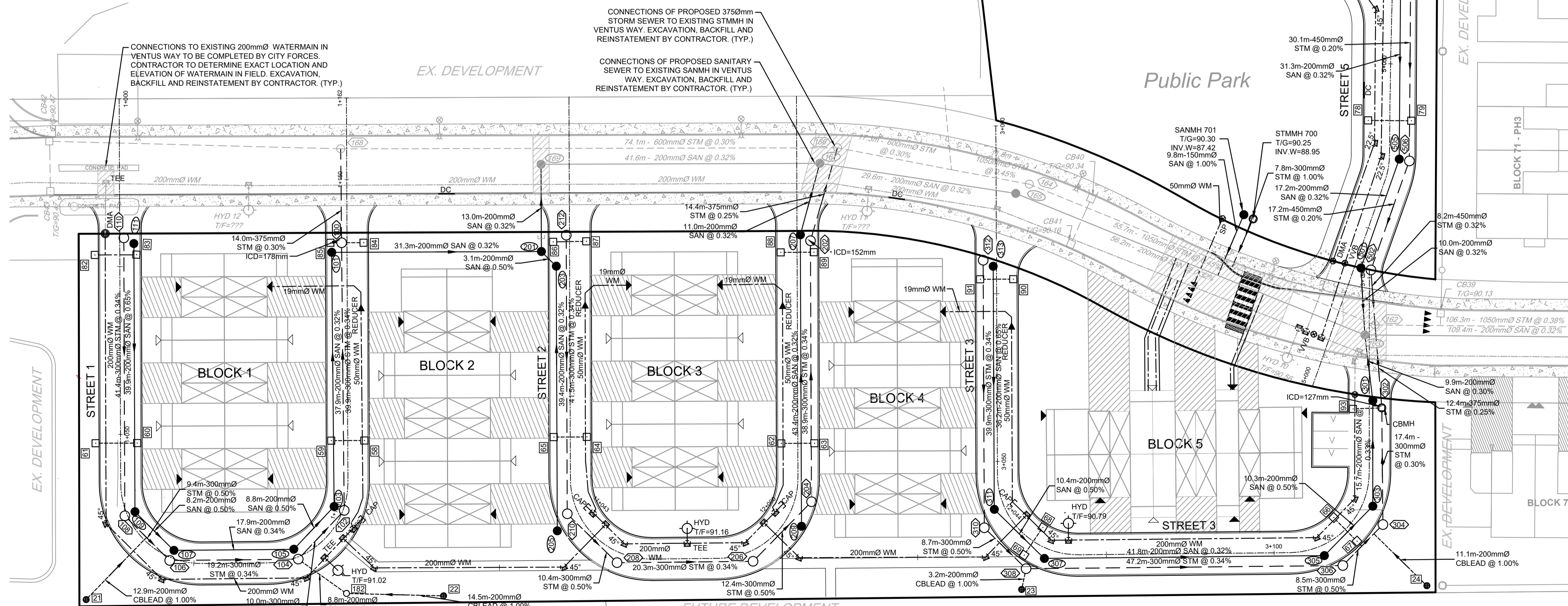
LEGEND

- 200mm Ø WM: PROPOSED WATERMAIN
- Valve symbols: PROPOSED VALVE LOCATION, VALVE & VALVE BOX, VALVE & VALVE CHAMBER, DISTRICT METER CHAMBER PER CITY DETAIL W3
- HYD symbols: PROPOSED HYDRANT CW VALVE & LEAD, PROPOSED TOP OF BOTTOM FLANGE
- BEND symbols: PROPOSED BEND AND THRUSTBLOCK (11.25°, 22.5°, 45° or TEE (SEE PLAN AND PROFILES))
- Sanitary symbols: PROPOSED SANITARY MH & SEWER, PROPOSED STORM MH & SEWER
- Subdrain symbols: PROPOSED LANDSCAPE TEE CATCHBASIN & PERFORATED SUBDRAIN, PROPOSED LANDSCAPE ELBOW CATCHBASIN & PERFORATED SUBDRAIN, PROPOSED ROAD CATCHBASIN MANHOLE & LEAD, PROPOSED REAR YARD CATCHBASIN & LEAD
- Service connection symbols: SERVICE CONNECTION STUB (19mm WATER, 125mm SANITARY @ 1.0%), SERVICE CONNECTION STUB - COMMON TRENCH (19mm WATER, 125mm SANITARY @ 1.0%)
- Proposed road catchbasin symbols: PROPOSED ROAD CATCHBASIN
- Direction of flow symbols: DIRECTION OF FLOW
- Roadcut symbols: ROADCUT PER CITY OF OTTAWA R10
- Critical pipe crossing symbols: CRITICAL PIPE CROSSING LOCATION. SEE TABLE IN 118224-MD-ND FOR DATA

John Seigny

JOHN SEIGNY C.E.T.
MANAGER (A), DEVELOPMENT REVIEW EAST
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
 By seignyjo at 8:50 pm, Jan 20, 2026



CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.
21	1+066.74	89.90	E=88.20	83mm
23	2+100.25	89.85	E=88.15	83mm
24	3+112.80	88.85	N=87.15	83mm
58	1+111.06	90.80	NW=89.10	100mm IPEX LMF
59	1+111.06	90.80	SE=89.10	100mm IPEX LMF
60	1+051.30	90.84	NW=89.14	75mm IPEX LMF
61	1+051.30	90.80	SE=89.10	85mm IPEX LMF
62	2+109.61	90.73	SE=89.03	95mm IPEX LMF
63	2+109.61	90.72	NW=89.02	95mm IPEX LMF
64	2+050.65	90.80	NW=89.10	95mm IPEX LMF
65	2+050.65	90.80	SE=89.10	95mm IPEX LMF
66	3+111.55	90.47	S=88.77	70mm IPEX LMF
67	3+111.55	90.51	N=88.81	70mm IPEX LMF
68	3+063.74	90.62	W=88.92	95mm IPEX LMF
69	3+063.70	90.54	E=88.92	95mm IPEX LMF
82	4+065.09	90.87	SE=89.31	83mm
83	1+023.25	90.78	NW=89.08	83mm
84	1+140.53	90.75	NW=89.05	83mm
85	1+140.54	90.79	SE=89.09	83mm
86	2+021.57	90.82	SE=89.12	83mm
87	2+021.50	90.90	NW=89.20	83mm
88	2+138.08	90.61	SE=88.91	83mm
89	2+138.08	90.69	NW=88.99	83mm
90	3+022.85	90.41	NW=89.02	83mm
91	3+022.84	90.41	SE=89.02	83mm
93	3+130.47	90.36	SE=88.66	83mm

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.
50	4+069.06	90.44	NW=88.72	65mm IPEX LMF
51	4+069.06	90.52	SE=88.64	65mm IPEX LMF
52	4+102.57	90.50	NW=89.27	70mm IPEX LMF
53	4+102.57	90.51	SE=89.19	70mm IPEX LMF
54	4+148.73	90.49	NE=88.80	75mm IPEX LMF
55	4+149.27	90.52	SW=88.73	Moon-CBMH
56	4+197.05	90.59	NE=89.39	90mm IPEX LMF
57	4+197.05	90.59	SW=89.33	75mm IPEX LMF
70	???	???	NE=88.95	80mm IPEX LMF
71	???	???	SW=88.87	80mm IPEX LMF
72	4+112.75	90.46	NE=88.81	85mm IPEX LMF
73	4+118.71	90.46	SW=88.75	85mm IPEX LMF
74	5+117.28	90.45	NE=88.68	83mm
75	5+117.28	90.44	SW=88.62	83mm
78	5+041.53	90.40	SE=88.78	83mm
79	5+041.56	90.40	NW=88.70	83mm
80	4+029.05	90.44	SW=88.73	75mm IPEX LMF
81	4+029.01	90.44	NE=88.65	75mm IPEX LMF
153	6+069.76	90.35	N=89.15	83mm
155	4+104.65	89.94	S=88.74	83mm
156	4+061.02	89.99	SE=88.23	83mm
158	4+209.13	90.25	NW=88.55	83mm

NOTE:
 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	DATE	BY
3.	REVISED PER CITY COMMENTS	AUG 15/25	MS
2.	REVISED PER CITY COMMENTS	MAR 5/25	MS
1.	ISSUED FOR CITY REVIEW	NOV 1/24	MS

SCALE	
1:400	
0 4 8 12 16	

DESIGN	BR
CHECKED	MS
DRAWN	BR
CHECKED	MS
APPROVED	BHB

FOR REVIEW ONLY

PROFESSIONAL ENGINEER
 B. P. RUNDLE
 100527529
 AUG 15, 2025
 PROVINCE OF ONTARIO

NOVATECH
 Engineers, Planners & Landscape Architects
 Suite 200, 240 Michael Cowpland Drive
 Ottawa, Ontario, Canada K2M 1P6
 Telephone: (613) 254-9643
 Facsimile: (613) 254-5867
 Website: www.novatech-eng.com

LOCATION
 CITY OF OTTAWA
 THE COMMONS - PHASE 4

DRAWING NAME
 GENERAL PLAN OF SERVICES

PROJECT No.
 118224-MD

REV # 3

DRAWING No.
 118224-MD-GP