

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	

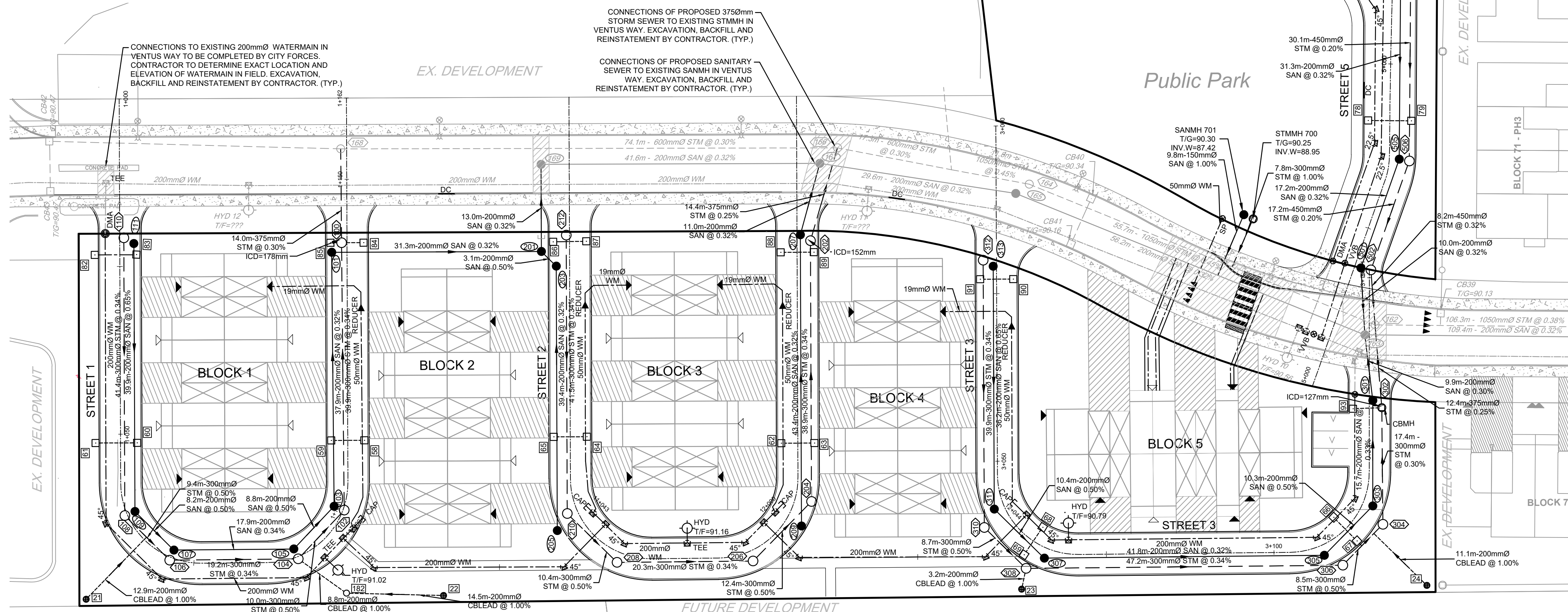
SAN MANHOLE TABLE			
MANHOLE ID	STATION	T/G ELEV	INVERT
401	4+054.22	90.76	N=87.96 S=87.93
403	4+065.08	90.59	NE=88.05 S=88.02
405	4+087.62	90.86	NE=88.12 SW=88.12 SE=88.17
407	6+007.37	90.80	NE=88.21 SW=88.21 SE=88.26
409	4+143.42	90.63	E=88.35 SW=88.30
411	4+154.66	90.66	SE=88.46 W=88.41
413	4+203.95	90.73	NW=88.78
501	5+19.05	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=88.01 NW=89.07 SW=88.55 NE=88.48
	1+100.62	90.96	NE=88.69 W=88.73
	1+090.55	91.04	E=88.78 NW=88.81 SW=88.91
106	1+071.47	91.02	SE=88.88 NE=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=88.12
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	NE=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=87.54 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=86.98 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

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

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

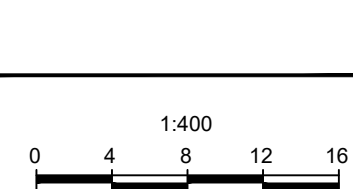


NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMAINS, SEWERS AND OTHER
UNDERGROUND AND OVERGROUND UTILITIES AND
STRUCTURES IS NOT NECESSARILY SHOWN ON
THE CONTRACT DRAWINGS, AND WHERE SHOWN,
THE ACCURACY OF THE POSITION OF SUCH
UTILITIES AND STRUCTURES IS NOT GUARANTEED.
BEFORE STARTING WORK, DETERMINE THE EXACT
LOCATION OF ALL SUCH UTILITIES AND
STRUCTURES AND ASSUME ALL LIABILITY FOR
DAMAGE TO THEM.

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	
No.	REVISION		DATE		BY

SCALE

1:400



DESIGN

CHECK

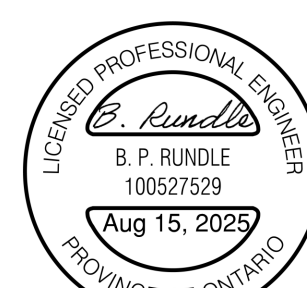
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APPR

FOR REVIEW ONLY



NOVATECH

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Ottawa, Ontario, Canada K2M 1P6

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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.	
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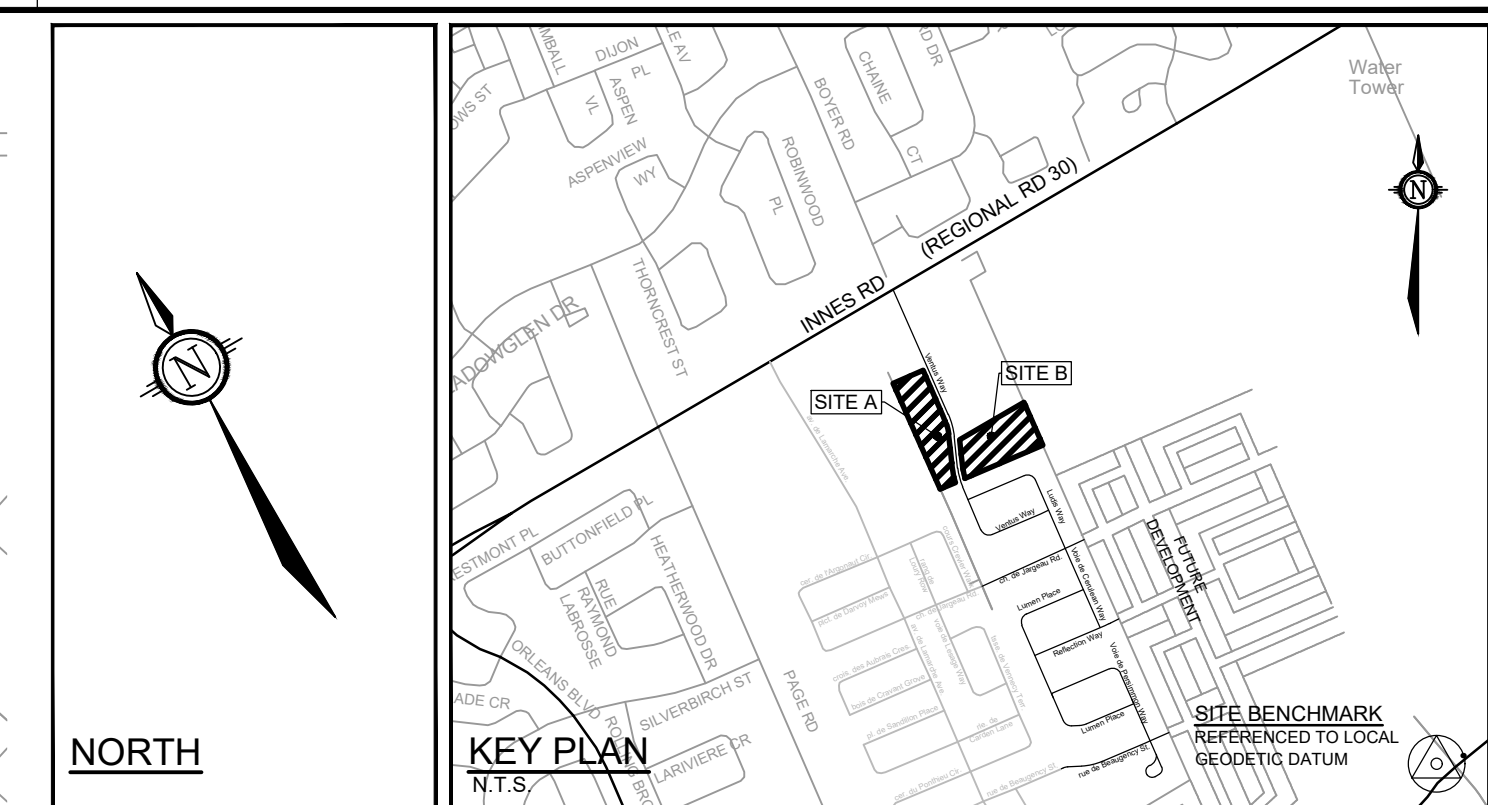
118224-MD

REV	
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REV # 3

DRAWING No.

118224-MD-GP



LEGEND

- 200mm Ø VM**
- V&VB
V&VC
DMC
HYD —◇—
T/F=98.45
- BEND
- PROPOSED WATER MAIN
- PROPOSED VALVE LOCATION
VALVE & VALVE BOX
VALVE & VALVE CHAMBER
DISTRICT METER CHAMBER PER CITY DETAIL W3
PROPOSED HYDRANT C/W VALVE & LEAD
PROPOSED TOP OF BOTTOM FLANGE
PROPOSED BEND AND THRUST/BLOCK
11.25°, 22.5°, 45° or TEE
(SEE PLAN AND PROFILES)
- PROPOSED SANITARY MH & SEWER
PROPOSED STORM MH & SEWER
PROPOSED LANDSCAPE TEI CATCHBASIN &
PERFORATED SUBDRAIN
PROPOSED LANDSCAPE ELBOW CATCHBASIN &
PERFORATED SUBDRAIN
PROPOSED ROAD CATCHBASIN MANHOLE &
LEAD
PROPOSED REAR YARD CATCHBASIN & LEAD
- SERVICE CONNECTION STUB
└─ 19mm WATER
└─ 125mm SANITARY @ 1.0%
- SERVICE CONNECTION STUB- COMMON TRENCH
└─ 19mm WATER
└─ 125mm SANITARY @ 1.0%
- PROPOSED ROAD CATCHBASIN
DIRECTION OF FLOW
ROAD CUT PER CITY OF OTTAWA R10
- CRITICAL PIPE CROSSING LOCATION.
SEE TABLE IN 118224-MD-ND FOR DATA

CATCHBASIN TABLE				
CB No.	STATION	TIG 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	NW=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	NW=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=88.98	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=88.91	83mm
91	3+022.84	90.41	SE=89.02	83mm
93	3+130.47	90.36	SE=88.66	83mm

CATCHBASIN TABLE				
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	Mcon-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	???	90.54	NE=88.95	80mm IPEX LMF
71	???	90.46	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+117.26	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=88.71	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