



NORTH

LEGEND

- 0.24 ha: DRAINAGE AREA (hectares)
- A-1: AREA ID
- 0.65: RUN-OFF COEFFICIENT
- : DRAINAGE BOUNDARY AREA
- : MAX STATIC PONDING LIMITS
- : 100-YR PONDING LIMITS
- : 100-YR +20% PONDING LIMITS
- : PROPOSED STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- : EXISTING STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- CB1: PROPOSED ROAD CATCHBASIN WITH ICD
- RYCB1: EXISTING ROAD CATCHBASIN
- RYCB1: PROPOSED REAR YARD CATCHBASIN WITH ICD
- : MAJOR SYSTEM FLOW ROUTE

POUNDING ID	STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
P1	CB01	56.47	0.21	56.48	0.22	56.45	0.19
P2	CB02	56.40	0.34	56.43	0.37	56.39	0.33
P3	CB03	56.42	0.35	56.44	0.37	56.41	0.34
P4	CB04	56.36	0.30	56.40	0.34	56.37	0.31
P5	CBM#01	56.73	0.09	56.82	0.18	56.71	0.07
P6	LC01	56.78	0.21	56.83	0.26	56.66	0.09
P7	LC02	56.78	0.20	56.83	0.25	56.69	0.11
P8	LC03	56.85	0.21	56.89	0.25	56.73	0.09
P9	LC04	55.88	0.19	55.97	0.28	55.75	0.07
P10	LC05	55.82	0.13	56.01	0.22	55.89	0.10
P11	LC06	56.90	0.18	56.93	0.21	56.81	0.09
P12	LC07	56.87	0.20	56.91	0.24	56.76	0.09
P13	LC08	56.86	0.21	56.90	0.25	56.74	0.09
P14	LC09	56.85	0.23	56.89	0.27	56.73	0.11
P15	LC10	56.84	0.19	56.87	0.22	56.75	0.10
P16	LC11	56.79	0.16	56.84	0.21	56.71	0.08
P17	LC12	56.85	0.20	56.88	0.23	56.74	0.09
P18	LC13	56.84	0.19	56.86	0.21	56.71	0.08
P19	LC14	56.86	0.19	56.90	0.23	56.76	0.09
P20	RY01	55.56	0.17	55.67	0.28	55.65	0.26
P21	RY02	55.77	0.27	55.87	0.37	55.70	0.20
P22	RY03	55.62	0.23	55.85	0.26	55.75	0.16
P23	RY04	55.58	0.33	55.70	0.45	55.50	0.25
P24	RY05	55.68	0.23	55.86	0.41	55.65	0.20
P25	RY06	55.84	0.29	55.93	0.38	55.75	0.20
P26	RY07	55.87	0.21	55.91	0.25	55.85	0.19

CATCHBASIN TABLE

CB ID	T/G ELEVATION	INVERT	I.C.D.
CB1	56.26	54.56	-
CB2	56.06	54.36	-
CB3	56.07	54.37	-
CB4	56.06	54.36	-
LC1	56.57	55.57	-
LC2	56.58	55.44	-
LC3	56.64	55.55	-
LC4	55.69	54.29	-
LC5	55.79	53.99	-
LC6	56.72	55.72	-
LC7	56.67	55.60	-
LC8	56.65	55.47	-
LC9	56.62	55.62	-
LC10	56.65	55.65	-
LC11	56.63	55.63	-
LC12	56.65	55.49	-
LC13	56.65	55.65	-
LC14	56.67	55.67	-
RY1	55.39	53.59	127mm
RY2	55.50	54.32	-
RY3	55.59	54.03	108mm
RY4	55.25	53.84	-
RY5	55.45	54.07	-
RY6	55.55	54.55	-
RY7	55.66	54.26	-

STORM MANHOLE TABLE

MANHOLE ID	SIZE (mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)	I.C.D.
4	150	56.33	N=52.94 S=52.52	N=450 S=450	146mm
6	150	56.20	W=54.57 S=53.30 E=53.44	W=200 S=450 E=450	-
8	150	56.43	N=54.18 W=53.58 E=54.68	N=375 W=450 E=200	-
10	150	56.68	N=54.48 E=54.48 W=55.39	N=300 E=300 W=250	-
12	150	56.75	E=54.62 S=54.62 W=55.44	E=300 S=300 W=250	-
14	150	56.76	W=54.71 E=55.52 S=55.40	W=300 E=250 S=250	-
CBM#1	150	56.64	W=54.43 S=54.36 E=55.40	W=300 S=375 E=250	-

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	No.	REVISION	DATE	BY
8.	ISSUED FOR ECA	MAR 24/22	MAB	5.	CITY SUBMISSION	JUN 8/21	MAB
7.	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB	6.	CITY SUBMISSION	FEB 5/21	MAB
6.	CITY SUBMISSION			4.	STORM OUTLET VIA 127 CARILLON	OCT 23/20	MAB
5.	CITY SUBMISSION			3.	SITE PLAN APPLICATION	AUG 24/20	MAB
4.	CONCEPT UPDATE	JUN 27/24	MAB	2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 29/20	MAB
3.	SITE PLAN UPDATE	JUL 15/22	MAB	1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB

SCALE: 1:250

FOR REVIEW ONLY

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CITY OF OTTAWA
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DRAWING NAME: STORM DRAINAGE AREA PLAN

PROJECT NO.: 119068
REV #10
DRAWING NO.: 119068-STM