

LEGEND

- 0.24 ha: DRAINAGE AREA (hectares)
- A-1: AREA ID
- 0.85: 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

CATCHBASIN TABLE

CB ID	TIG ELEVATION	INVERT	I.C.D.
CB1	56.43	54.73	TEMPEST LMF (VORTEX 84)
CB2	56.38	54.68	TEMPEST LMF (VORTEX 84)
CB3	56.43	54.73	TEMPEST LMF (VORTEX 75)
CB4	56.50	54.80	TEMPEST LMF (VORTEX 74)
CB5	56.56	54.86	TEMPEST LMF (VORTEX 74)
CB6	56.48	54.78	TEMPEST LMF (VORTEX 76)
CB7	56.57	54.84	TEMPEST LMF (VORTEX 74)
CB8	56.55	54.85	TEMPEST LMF (VORTEX 76)
CB9	56.61	54.88	TEMPEST LMF (VORTEX 74)
CB10	56.63	54.93	TEMPEST LMF (VORTEX 74)
CB11	56.67	54.94	TEMPEST LMF (VORTEX 74)
CB12	56.38	54.65	TEMPEST LMF (VORTEX 76)
RYCB1	55.65	53.91	TEMPEST LMF (VORTEX 74)
RYCB3	55.59	54.03	TEMPEST LMF (VORTEX 87)
RYCB5	55.25	54.02	-
RYCB6	55.39	53.77	TEMPEST LMF (VORTEX 63)

STORM MANHOLE TABLE

MANHOLE ID	SIZE (mm)	TIG ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)
2	1200	56.47	E=52.82 W=52.74 N=55.02	E=375 W=450 N=200
4	1200	56.51	W=52.88 N=52.94	W=375 N=375
6	1200	56.43	S=52.33 E=52.40 N=52.48	S=525 E=450 N=375
8	1200	55.11	N=53.31 S=53.26 W=53.99	N=250 S=300 W=300
10	1200	56.57	N=53.12 S=53.05	N=300 S=375
12	1200	56.73	E=54.41 S=53.58	E=200 S=250
14	1200	56.51	N=53.08 S=53.08 W=53.14	N=375 S=375 W=250
16	1200	56.59	N=53.31 S=53.23 W=53.36	N=300 S=375 W=250
18	1500	55.44	N=52.14 W=53.75 E=52.08	N=525 W=300 E=525
20	1500	55.61	S=51.94 W=52.00 E=53.79	S=425 W=525 E=250
22	1200	56.63	E=53.34 W=55.09	E=250 W=200
24	1200	56.66	E=53.56 W=55.14	E=250 W=200
26	1200	56.69	NE=55.22 S=53.53 W=53.58	NE=200 S=300 W=250
28	1200	56.73	E=53.76 W=55.20	E=250 W=200
30	1800	56.50	E=51.07 W=51.07 N=51.59	E=1050 W=1050 N=525

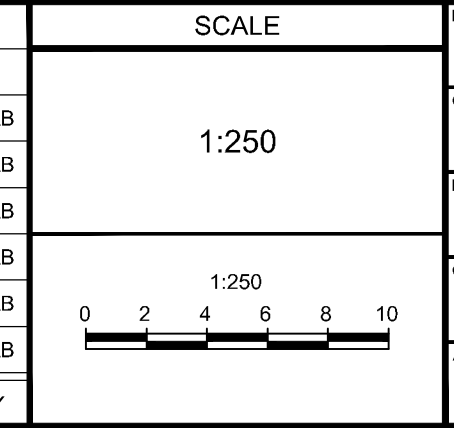
PONDING

PONDING 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	CB1	56.65	0.22	56.70	0.27	56.58	0.15
P2	CB2	56.62	0.24	56.67	0.29	56.53	0.15
P3	CB3	56.80	0.17	56.83	0.25	56.58	0.15
P4	CB4	56.84	0.14	56.73	0.23	56.65	0.15
P5	CB5	56.89	0.13	56.78	0.22	56.71	0.15
P6	CB6	56.89	0.21	56.74	0.28	56.63	0.15
P7	CB7	56.72	0.15	56.79	0.22	56.72	0.15
P8	CB8	56.74	0.19	56.79	0.24	56.70	0.15
P9	CB9	56.79	0.18	56.82	0.21	56.76	0.15
P10	CB10	56.81	0.18	56.85	0.22	56.78	0.15
P11	CB11	56.88	0.19	56.90	0.23	56.82	0.15
P12	CB12	56.50	0.12	56.55	0.27	56.50	0.12
P13	RYCB4	55.83	0.18	55.87	0.22	55.90	0.25
P14	RYCB1	55.83	0.18	55.86	0.21	55.80	0.15
P15	LCB3	55.82	0.27	55.86	0.31	55.75	0.20
P16	LCB4	55.86	0.16	55.76	0.26	55.70	0.20
P17	LCB2	55.83	0.18	55.72	0.27	55.65	0.20
P18	RYCB5	55.57	0.32	55.69	0.44	55.50	0.25
P19	RYCB6	55.57	0.18	55.79	0.40	55.65	0.26
P20	RYCB3	55.80	0.21	55.83	0.24	55.75	0.18
P21	LCB1	55.81	0.15	55.85	0.19	55.85	0.19

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.

REVISION

No.	REVISION	DATE	BY
6.	CITY SUBMISSION	JUN 8/21	MAB
5.	CITY SUBMISSION	FEB 5/21	MAB
4.	STORM OUTLET VIA 127 CARILLON	OCT 23/20	MAB
3.	SITE PLAN APPLICATION	AUG 24/20	MAB
2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 28/20	MAB
1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB



FOR REVIEW ONLY

DESIGN: LRW
CHECKED: MAB
DRAWN: BRP
CHECKED: LRW
APPROVED: MAB

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CITY OF OTTAWA
200 BARIBEAU STREET

DRAWING NAME: **STORM DRAINAGE AREA PLAN**

PROJECT NO.: 119068
REV # 6
DRAWING NO.: 119068-STM