



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
- STM PROPOSED STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- STM EXISTING STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- CB PROPOSED ROAD CATCHBASIN WITH ICD
- CB EXISTING ROAD CATCHBASIN
- RYCB PROPOSED REAR YARD CATCHBASIN WITH ICD
- MAJOR SYSTEM FLOW ROUTE

PONDING ID	STRUCTURE	PONDING				MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
		100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)		
P1	CB1	56.65	0.22	56.72	0.29	56.58	0.15
P2	CB2	56.63	0.25	56.70	0.32	56.53	0.15
P3	CB3	56.63	0.20	56.68	0.25	56.58	0.15
P4	CB4	56.65	0.15	56.73	0.23	56.65	0.15
P5	CB5	56.66	0.10	56.76	0.20	56.71	0.15
P6	CB6	56.70	0.22	56.75	0.27	56.63	0.15
P7	CB7	56.74	0.17	56.79	0.22	56.72	0.15
P8	CB8	56.76	0.21	56.80	0.25	56.70	0.15
P9	CB9	56.78	0.17	56.83	0.22	56.76	0.15
P10	CB10	56.83	0.20	56.86	0.23	56.78	0.15
P11	CB11	56.88	0.19	56.90	0.23	56.82	0.15
P12	CB12	56.90	0.12	56.86	0.28	56.90	0.12
P13	LCB5	55.85	0.06	55.90	0.11	55.89	0.07
P14	LCB6	55.85	0.16	55.88	0.19	55.76	0.10
P15	LCB3	55.72	0.17	55.81	0.28	55.75	0.20
P16	RYCB2	55.69	0.19	55.77	0.27	55.70	0.20
P17	LCB2	55.65	0.20	55.73	0.28	55.65	0.20
P18	RYCB5	55.58	0.33	55.70	0.45	55.50	0.25
P19	RYCB6	55.58	0.19	55.81	0.42	55.65	0.26
P20	RYCB3	55.79	0.20	55.82	0.23	55.75	0.18
P21	LCB1	55.80	0.14	55.83	0.17	55.85	0.19

CATCHBASIN TABLE				
CB ID	T/G ELEVATION	INVERT	I.C.D.	
CB1	56.43	54.70	TEMPEST LMF (VORTEX 62)	
CB2	56.38	54.65	TEMPEST LMF (VORTEX 75)	
CB3	56.43	54.70	TEMPEST LMF (VORTEX 75)	
CB4	56.52	54.77	TEMPEST LMF (VORTEX 74)	
CB5	56.56	54.83	TEMPEST LMF (VORTEX 76)	
CB6	56.48	54.75	TEMPEST LMF (VORTEX 75)	
CB7	56.57	54.84	TEMPEST LMF (VORTEX 74)	
CB8	56.55	54.82	TEMPEST LMF (VORTEX 74)	
CB9	56.61	54.88	TEMPEST LMF (VORTEX 74)	
CB10	56.63	54.90	TEMPEST LMF (VORTEX 74)	
CB11	56.67	54.94	TEMPEST LMF (VORTEX 74)	
CB12	56.38	54.65	TEMPEST LMF (VORTEX 76)	
LCB5	55.79	53.99	-	
RYCB5	55.59	54.03	TEMPEST LMF (VORTEX 87)	
RYCB3	55.25	53.84	-	
RYCB6	55.39	53.59	TEMPEST LMF (VORTEX 81)	

STORM MANHOLE TABLE					
MANHOLE ID	SIZE(mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)	I.C.D.
2	1200	56.48	E=52.81 W=52.74 N=54.98	E=375 W=450 N=200	-
4	1200	56.54	E=52.88 W=52.94 N=52.48	E=375 W=375 N=375	-
6	1200	56.42	S=52.32 E=52.49 N=52.48	S=525 E=450 N=375	-
8	1200	56.65	N=53.36 S=53.31	N=250 S=300	-
10	1200	56.63	N=53.08 S=53.00	N=300 S=375	-
12	1200	56.76	S=53.59 W=53.77	S=250 W=250	TEMPEST LMF (VORTEX 68)
14	1200	56.50	N=53.08 S=53.14	N=375 W=250	-
16	1200	56.99	N=53.31 S=53.23 W=53.36	N=300 S=375 W=250	-
18	1500	55.44	N=52.14 W=53.57 E=52.08	N=525 W=300 E=525	-
20	1500	55.61	S=51.94 W=52.00 E=53.79	S=525 W=525 E=250	-
22	1200	56.62	E=53.34 W=53.09	E=250 W=200	-
24	1200	56.66	E=53.56 W=55.14	E=250 W=200	-
26	1200	56.70	N=55.17 S=53.53 W=53.58	N=200 S=300 W=250	-
28	1200	56.71	E=53.78 W=55.20 N=51.59	E=250 W=200 N=525	-
30	1800	56.50	E=51.07 W=1050 N=525	E=1050 W=1050 N=525	-

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	1	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB
7	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB	2	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 29/20	MAB
6	CITY SUBMISSION	JUN 8/21	MAB	3	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB
5	CITY SUBMISSION	FEB 5/21	MAB	4	STORM OUTLET VIA 127 CARILLON	OCT 23/20	MAB
4	STORM OUTLET VIA 127 CARILLON	OCT 23/20	MAB	5	CITY SUBMISSION	FEB 5/21	MAB
3	SITE PLAN APPLICATION	AUG 24/20	MAB	6	CITY SUBMISSION	JUN 8/21	MAB
2	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 29/20	MAB	7	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB
1	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB	8	ISSUED FOR ECA	MAR 24/22	MAB
9	SITE PLAN UPDATE	JUL 15/22	MAB				

SCALE
1:250

FOR REVIEW ONLY

DESIGN: LRW
CHECKED: MAB
DRAWN: BRF
CHECKED: LRW
APPROVED: MAB

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

CITY OF OTTAWA
200 BARIBEAU STREET

DRAWING NAME: **STORM DRAINAGE AREA PLAN**

PROJECT No.: 119068
REV # 9
DRAWING No.: 119068-STM