



**LEGEND**

- 0.24 ha / 0.65: DRAINAGE AREA (hectares) / AREA ID
- 0.90: 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
- : EXISTING ROAD CATCHBASIN
- RYCB1: PROPOSED REAR YARD CATCHBASIN WITH ICD
- : MAJOR SYSTEM FLOW ROUTE

**CATCHBASIN TABLE**

CB ID	T/G ELEVATION (m)	INVERT (m)
CB1	56.25	54.85
CB2	56.25	54.85
CB3	56.06	55.28
LC1	56.58	55.27
LC2	56.57	55.20
LC3	56.55	55.49
LC4	55.69	55.09
LC5	55.80	55.24
RY1	55.50	54.45
RY2	55.55	55.43
RY3	55.84	55.30
RY4	55.25	54.60
RY5	56.01	55.45
RY6	55.72	55.02
RY7	56.56	55.26
RY8	56.55	55.20
RY9	56.55	55.55
RY10	56.60	55.35
RY11	56.60	55.43

**STORM MANHOLE TABLE**

MANHOLE ID	SIZE (mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)
2	1200	56.29	N=53.11 S=52.51	N=450 S=450
4	1200	56.44	S=53.55 E=53.58	S=450 E=450
6	1200	56.49	N=54.31 W=53.89 E=54.67	N=375 W=450 E=200
8	1200	56.66	N=55.10 E=55.09	N=375 E=375
10	1200	56.70	E=55.32 S=55.24 W=55.32	E=300 S=375 W=300
CBMH1	1200	56.57	W=55.05 S=54.62 E=55.12	W=375 S=375 E=300
CBMH2	1200	56.06	N=53.29 S=53.28 W=55.05	N=450 S=450 W=450

**ICD TABLE**

STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
2	152mm	N=53.11 S=52.51	3.70	92.1
RY1	TEMPEST LMF	E=54.45 W=54.45	1.14	6.1
RY3	90mm	E=55.30 W=55.30	0.71	14.0

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)
CB01	56.47	0.22	56.48	0.23	56.46	0.21
CB02	56.44	0.19	56.46	0.21	56.45	0.20
CB03	56.36	0.30	56.38	0.32	56.36	0.30
CBMH01	56.58	0.01	56.63	0.06	56.65	0.08
CBMH02	56.36	0.30	56.39	0.33	56.38	0.32
LC01	56.82	0.04	56.87	0.09	56.89	0.11
LC02	56.82	0.05	56.86	0.09	56.87	0.10
LC03	56.66	0.11	56.69	0.14	56.66	0.11
LC04	55.82	0.13	55.89	0.20	55.76	0.07
LC05	55.84	0.05	55.92	0.13	55.89	0.10
RY01	55.60	0.10	55.64	0.14	55.55	0.05
RY02	56.66	0.11	56.69	0.14	56.67	0.12
RY03	56.61	0.17	56.04	0.20	55.91	0.07
RY04	55.59	0.34	55.63	0.38	55.50	0.25
RY05	56.01	0.01	56.04	0.04	56.00	0.00
RY06	55.77	0.05	55.83	0.11	55.72	0.00
RY07	56.59	0.03	56.63	0.07	56.61	0.05
RY08	56.59	0.04	56.63	0.08	56.63	0.08
RY09	56.66	0.11	56.70	0.15	56.68	0.13
RY10	56.66	0.06	56.70	0.10	56.69	0.09
RY11	56.66	0.06	56.70	0.10	56.70	0.10

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATER MAINS, 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	8.	ISSUED FOR ECA	MAR 24/22	MAB
7.	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB	7.	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB
6.	CITY SUBMISSION	JUN 8/21	MAB	6.	CITY SUBMISSION	JUN 8/21	MAB
5.	CITY SUBMISSION	FEB 5/21	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
3.	SITE PLAN APPLICATION	AUG 24/20	MAB	3.	SITE PLAN APPLICATION	AUG 24/20	MAB
2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 29/20	MAB	2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 29/20	MAB
1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB	1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB

SCALE: 1:250

FOR REVIEW ONLY

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

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DRAWING NAME: STORM DRAINAGE AREA PLAN

PROJECT No.: 119068  
REV #12  
DRAWING No.: 119068-STM