



**LEGEND**

- 0.24 ha AREA (hectares)
- A-01 AREA ID
- 0.65 RUN-OFF COEFFICIENT
- PROPOSED STORM DRAINAGE AREA BOUNDARY
- PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
- ROAD CATCH BASIN
- ROAD CATCH BASIN WITH ICD
- LANDSCAPE CATCH BASIN
- REAR YARD CATCH BASIN
- REAR YARD CATCH BASIN WITH ICD
- MAJOR SYSTEM FLOW ROUTE
- MAX STATIC PONDING LIMITS
- 100-YR PONDING LIMITS
- 100-YR +20% PONDING LIMITS
- ROOF DRAIN OUTLET

**APPROVED**  
By Kersten Nitsche at 11:55 am, Jul 16, 2024

*Kersten Nitsche*  
**KERSTEN NITSCHKE, MCIP RPP**  
MANAGER (A), DEVELOPMENT REVIEW WEST  
PLANNING, DEVELOPMENT AND BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA

**CATCHBASIN TABLE**

CB ID	T/G ELEVATION	INVERT	I.C.D.
CB2	77.73	76.33	83mm
CBM11	77.83	75.24	-
CBM13	77.83	75.13	TEMPEST MHF 76mm
TD1	75.62	74.26	-

**REAR YARD CATCHBASIN TABLE**

RYCB No.	T/G ELEVATION	INVERT	I.C.D.
CBM12	77.38	75.91	-
CBM14	77.80	75.24	TEMPEST LMF (VORTEX 70)
LC2	77.73	76.42	-
LC3	77.67	76.67	-
RY3	77.15	75.45	-
RY4	78.00	75.65	-
RY7	77.15	76.15	-

**STORM MANHOLE TABLE**

MANHOLE ID	SIZE(mm)	T/G ELEV (m)	INVERT (m)	PIPE DIAMETER (mm)	I.C.D.
2	1200	78.15	SE=72.81 NW=73.41	SE=375 NW=250	-
4	1200	78.09	SE=72.58 NW=72.62 SW=74.74	SE=450 NW=375 SW=300	-
8	1200	77.94	NW=72.30 NE=71.60	NW=450 NE=225	-

**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	CBM1	78.06	0.23	78.11	0.28	78.13	0.30
P2	CB2	77.84	0.11	77.88	0.15	78.03	0.30
P3	CBM13	78.06	0.23	78.11	0.28	78.13	0.30
P4	LC3	77.29	0.00	77.33	0.00	77.80	0.13
P5	RY7	77.29	0.14	77.33	0.18	77.35	0.20
P6	RY4	78.06	0.06	78.11	0.11	78.22	0.22
P7	LC2	77.84	0.11	77.89	0.16	78.03	0.30
P8	RY3	77.28	0.13	77.31	0.16	77.30	0.15
P9	LC1	76.74	0.00	76.74	0.00	77.75	0.05
P10	RY5	77.28	0.04	77.32	0.08	77.35	0.11
P11	RY6	78.06	0.00	78.11	0.00	78.20	0.03

**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
4.	CITY SUBMISSION	AUG 4 2022	MAB
3.	CITY COMMENTS	JAN 20 2022	MAB
2.	REVISED PER CITY COMMENTS	DEC 22 2021	MAB
1.	ISSUED FOR APPROVAL	MAY 17 2021	MAB

**SCALE**  
1:250

**FOR REVIEW ONLY**

RESUB: DTD  
CHECKED: LRW  
DRAWN: DTD  
CHECKED: LRW  
APPROVED: MAB

**PROFESSIONAL ENGINEER**  
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PROVINCE OF ONTARIO

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**CITY OF OTTAWA**  
KLONDIKE RIDGE - BLOCK 10

**STORM DRAINAGE AREA PLAN**

PROJECT No.: 17034-10  
REV # 4  
DRAWING No.: 17034-10-STM

D07-12-21-0109 PLAN #18577