



- LEGEND**
- 1.080 SITE AREA (hectares)
  - A-01 SITE AREA ID
  - 0.24 SITE RUN-OFF COEFFICIENT
  - STORM DRAINAGE AREA BOUNDARY
  - OFFSITE STORM DRAINAGE AREA BOUNDARY
  - EXISTING STORM MANHOLE & SEWER
  - ➔ MAJOR SYSTEM FLOW ROUTE
  - ➔ EMERGENCY FLOW ROUTE
  - PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
  - PROPOSED ROAD CATCHBASIN
  - REAR YARD CATCH BASIN
  - MAX STATIC PONDING LIMITS
  - 100-YR PONDING LIMITS
  - 100-YR +20% PONDING LIMITS

**ICD TABLE**

STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
CB1	Tempest LMF	W=101.66	2.13	6.2
CB2	Tempest LMF	N=100.96	2.28	6.4
CB3	Tempest LMF	NW=100.89	2.94	7.3
CB4	Tempest LMF	SE=101.70	2.03	7.5
CB5	Tempest LMF	S=101.60	2.16	6.2
CB6	Tempest LMF	W=101.67	2.04	7.5
CB7	83mm	E=100.61	1.44	16.7
CB8	83mm	E=99.84	1.45	19.4
CB9	83mm	S=100.71	1.43	9.5
CB10	83mm	N=100.71	1.43	9.5
CBM1	Tempest LMF	SE=100.70	3.00	9.2
CBM2	Tempest LMF	SE=100.63	3.29	7.7
CBM3	Tempest LMF	NW=100.27	3.67	11.7
CBM4	Tempest LMF	SE=100.24	3.71	10.1
CBM5	Tempest LMF	NW=102.10	3.07	9.3
CBM6	Tempest LMF	SE=100.55	3.36	9.7
CBM7	Tempest LMF	NW=101.10	2.67	8.1
CBM8	Tempest LMF	NW=100.82	2.94	9.1
CBM9	Tempest LMF	SE=100.43	2.79	7.2
CBM11	Tempest LMF	N=100.44	3.16	7.6
RY2	83mm	NE=100.37	1.36	16.8
RY3	83mm	NE=100.42	1.32	16.8
RY8	Tempest LMF	SE=102.39	1.32	6.0

STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	PONDING		MAX STATIC PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION
			100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)		
CB01	103.79	0.28	103.84	0.33	103.83	0.32
CB02	103.80	0.24	103.86	0.30	103.86	0.30
CB03	103.83	0.20	103.87	0.24	103.93	0.30
CB04	103.73	0.18	103.87	0.32	103.88	0.33
CB05	103.76	0.21	103.81	0.26	103.85	0.30
CB06	103.69	0.17	103.77	0.25	103.82	0.30
CBM101	103.70	0.15	103.74	0.19	103.85	0.30
CBM102	103.92	0.29	103.94	0.31	103.93	0.30
CBM103	103.94	0.21	103.95	0.22	103.93	0.20
CBM104	103.95	0.21	103.96	0.22	103.94	0.20
CBM105	103.87	0.22	103.91	0.26	103.90	0.25
CBM106	103.91	0.26	103.93	0.28	103.91	0.26
CBM107	103.77	0.17	103.86	0.26	103.90	0.30
CBM108	103.76	0.19	103.85	0.28	103.87	0.30
CBM109	103.22	0.00	103.60	0.00	103.73	0.08
CBM110	103.23	0.00	103.61	0.11	103.58	0.08
CBM111	103.60	0.00	103.88	0.00	103.99	0.04
CBM112	103.60	0.00	103.88	0.10	103.83	0.05
LCB01	103.92	0.06	103.95	0.09	103.94	0.08
LCB02	103.80	0.00	103.86	0.00	104.05	0.07
RY01	101.73	0.21	101.81	0.29	101.79	0.27
RY02	101.73	0.21	101.81	0.29	101.77	0.25
RY03	101.73	0.29	101.77	0.33	101.75	0.31
RY04	101.73	0.23	101.77	0.27	101.72	0.22
RY05	103.92	0.06	103.95	0.09	103.95	0.09
RY06	103.80	0.08	103.86	0.14	103.96	0.24
RY07	103.92	0.10	103.95	0.13	103.95	0.13
RY08	103.82	0.03	103.87	0.08	103.94	0.15
RY09	103.22	0.00	103.61	0.00	104.00	0.05
RY10	103.22	0.00	103.61	0.00	103.97	0.05
RY11	103.60	0.00	103.88	0.00	103.99	0.05
RY12	103.60	0.00	103.88	0.00	104.01	0.05
RY13	103.60	0.00	103.88	0.00	103.97	0.05
RY14	103.60	0.00	103.88	0.00	103.97	0.05

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.

**PHOENIX HOMES**  
SINCE 1988  
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SCALE  
1:300  
0 3 6 9 12

FOR REVIEW ONLY  
 CHECKED: LRW  
 DRAWN: MAB  
 LPA: MAB  
 MAB  
 MAB  
 MAB

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CITY OF OTTAWA  
3400 WOODROFFE AVENUE  
POST-DEVELOPMENT  
STORM DRAINAGE AREA PLAN

PROJECT NO: 124147  
REV # 2  
124147-STM2

D07-12-25-0158 & D02-02-25-0090  
PLAN #19422