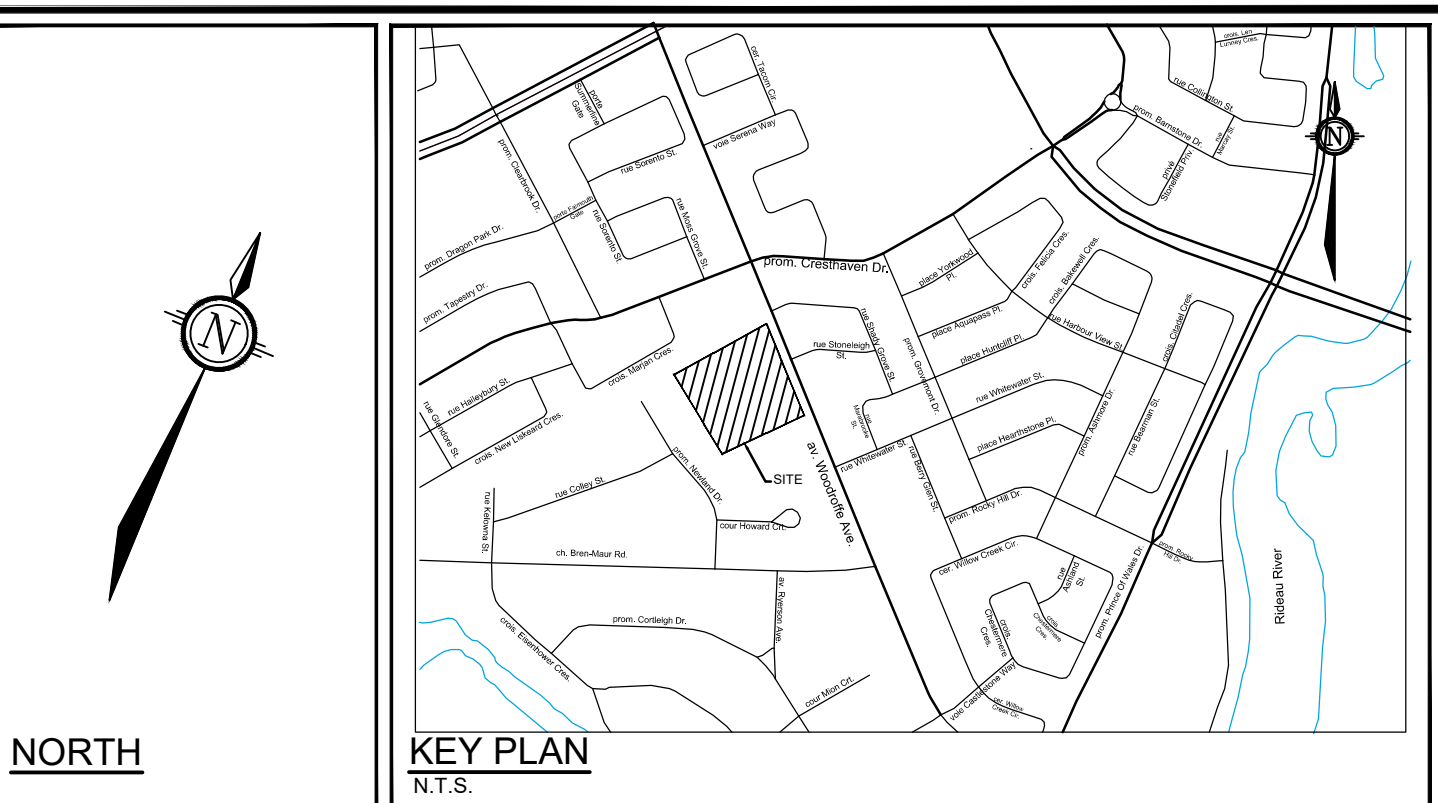
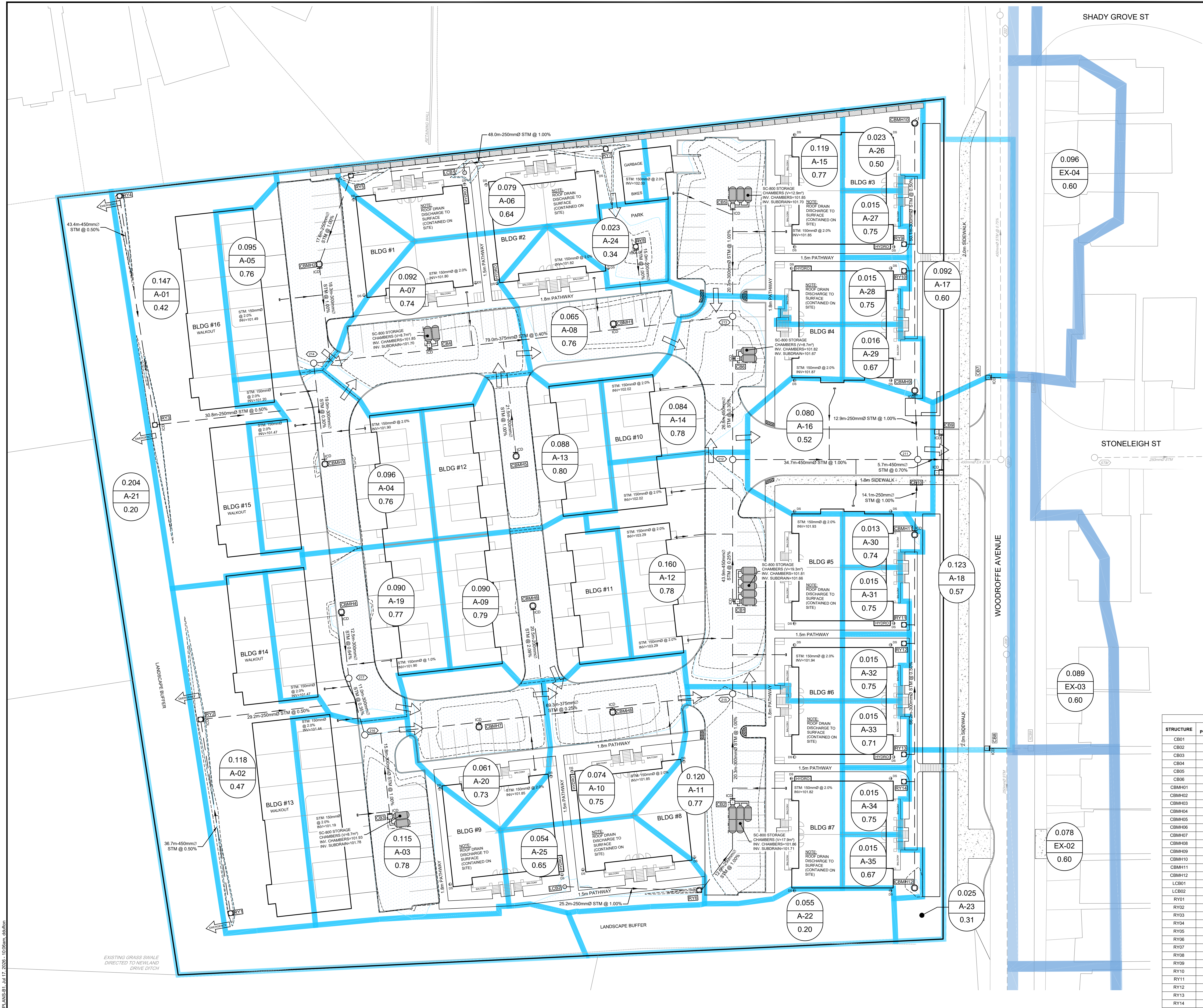




- LEGEND**
- 1.080 SITE AREA (hectares)
 - A-01 SITE AREA ID
 - 0.24 SITE RUN-OFF COEFFICIENT
 - STORM DRAINAGE AREA BOUNDARY
 - OFFSITE STORM DRAINAGE AREA BOUNDARY
 - EXISTING STORM MANHOLE & SEWER
 - MAJOR SYSTEM FLOW ROUTE
 - EMERGENCY FLOW ROUTE
 - PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
 - PROPOSED ROAD CATCH BASIN
 - 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	2.02	6.1
CB7	83mm	E=100.61	1.44	16.0
CB8	83mm	E=99.84	1.45	6.0
CB9	83mm	S=100.71	1.42	12.4
CB10	83mm	N=100.71	1.42	12.4
CBM1	Tempest LMF	SE=100.70	3.02	7.4
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	2.69	7.0
CBM8	Tempest LMF	NW=100.82	2.94	9.1
CBM9	Tempest LMF	SE=100.43	2.88	6.6
CBM11	Tempest LMF	N=100.44	3.29	6.5
RY2	83mm	NE=100.37	1.36	16.8
RY3	83mm	NE=100.42	1.31	16.5
RY8	Tempest LMF	SE=102.39	1.43	5.1

STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	PONDING		MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
			100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)		
CB01	103.79	0.26	103.84	0.32	103.86	0.30
CB02	103.80	0.24	103.86	0.30	103.86	0.30
CB03	103.83	0.20	103.87	0.24	103.83	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
CBMH01	103.72	0.17	103.76	0.21	103.85	0.30
CBMH02	103.92	0.29	103.94	0.31	103.93	0.30
CBMH03	103.94	0.21	103.95	0.22	103.93	0.20
CBMH04	103.95	0.21	103.96	0.22	103.94	0.20
CBMH05	103.87	0.22	103.91	0.28	103.90	0.25
CBMH06	103.91	0.26	103.93	0.28	103.91	0.26
CBMH07	103.79	0.19	103.87	0.27	103.90	0.30
CBMH08	103.76	0.19	103.85	0.28	103.87	0.30
CBMH09	103.31	0.00	103.62	0.00	103.73	0.08
CBMH10	103.31	0.00	103.62	0.12	103.58	0.08
CBMH11	103.73	0.00	103.91	0.00	103.99	0.04
CBMH12	103.73	0.00	103.90	0.12	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	103.31	0.00	103.62	0.00	104.00	0.05
RY10	103.31	0.00	103.62	0.00	103.97	0.05
RY11	103.73	0.00	103.90	0.00	103.99	0.05
RY12	103.73	0.00	103.90	0.00	104.01	0.05
RY13	103.73	0.00	103.90	0.00	103.97	0.05
RY14	103.73	0.00	103.90	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
18A BENTLEY AVE
OTTAWA, ON, K2E 6T8

No.	REVISION	DATE	BY
3.	ADDRESS CITY COMMENTS	JUL 16/26	MAB
2.	ADDRESS CITY COMMENTS	APR 14/26	MAB
1.	SITE PLAN APPLICATION	NOV 5/25	MAB

SCALE

1:300

0 3 6 9 12

DESIGN

LRW

CHECKED

MAB

DRAWN

LPA

CHECKED

MAB

APPROVED

MAB

FOR REVIEW ONLY

PROFESSIONAL ENGINEER
L.R. WILSON
100180055
PROVINCE OF ONTARIO

PROFESSIONAL ENGINEER
M.A. BISSETT
2026.07.16
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CITY OF OTTAWA
3400 WOODROFFE AVENUE

POST-DEVELOPMENT
STORM DRAINAGE AREA PLAN

PROJECT No. 124147

REV # 3

DRAWING No. 124147-STM2

D:\2024\124147\CAD\City\124147-STM.dwg, PLANS-01, Jul 17, 2025 - 10:08am, dillon

D07-12-25-0158 & D02-02-25-0090

PLAN #19422