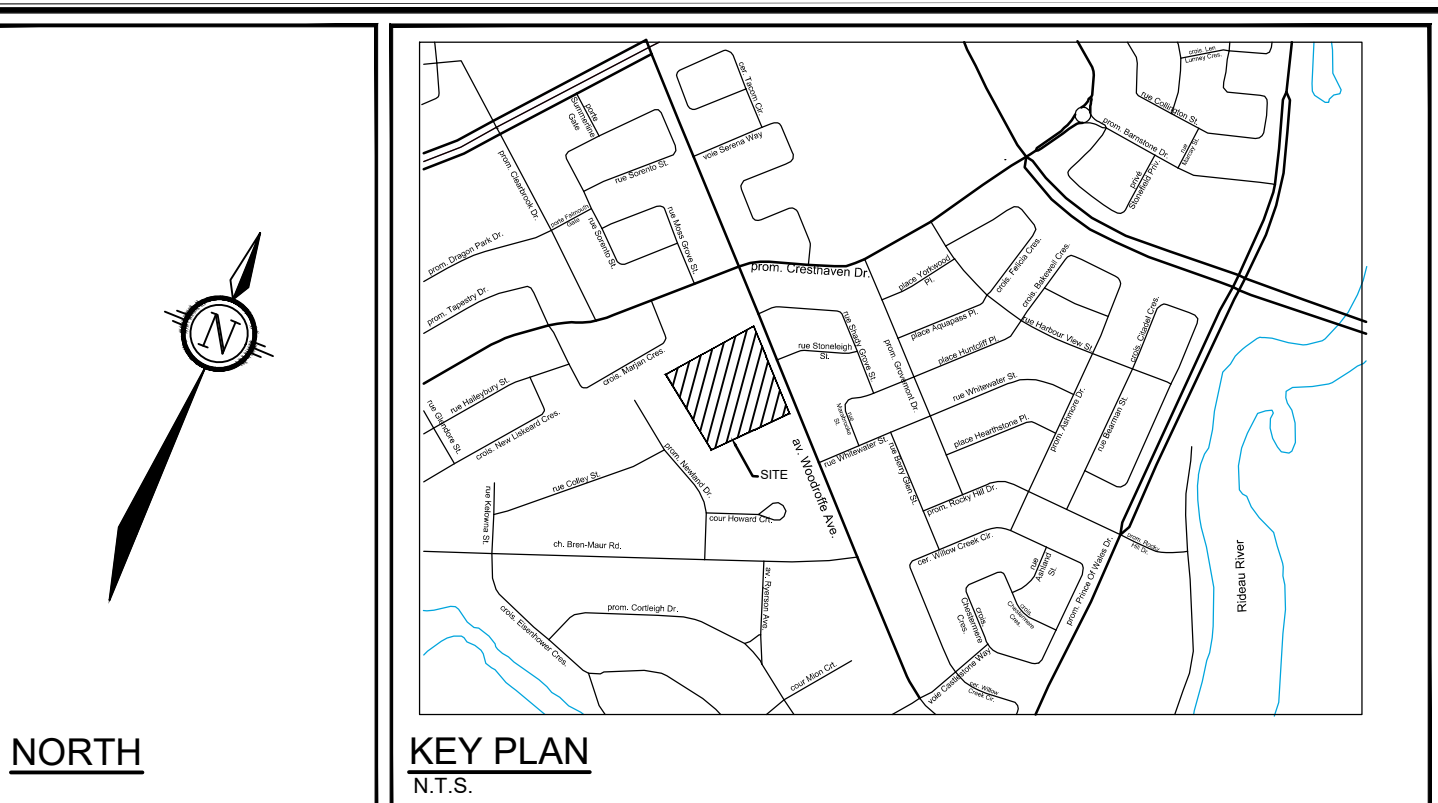
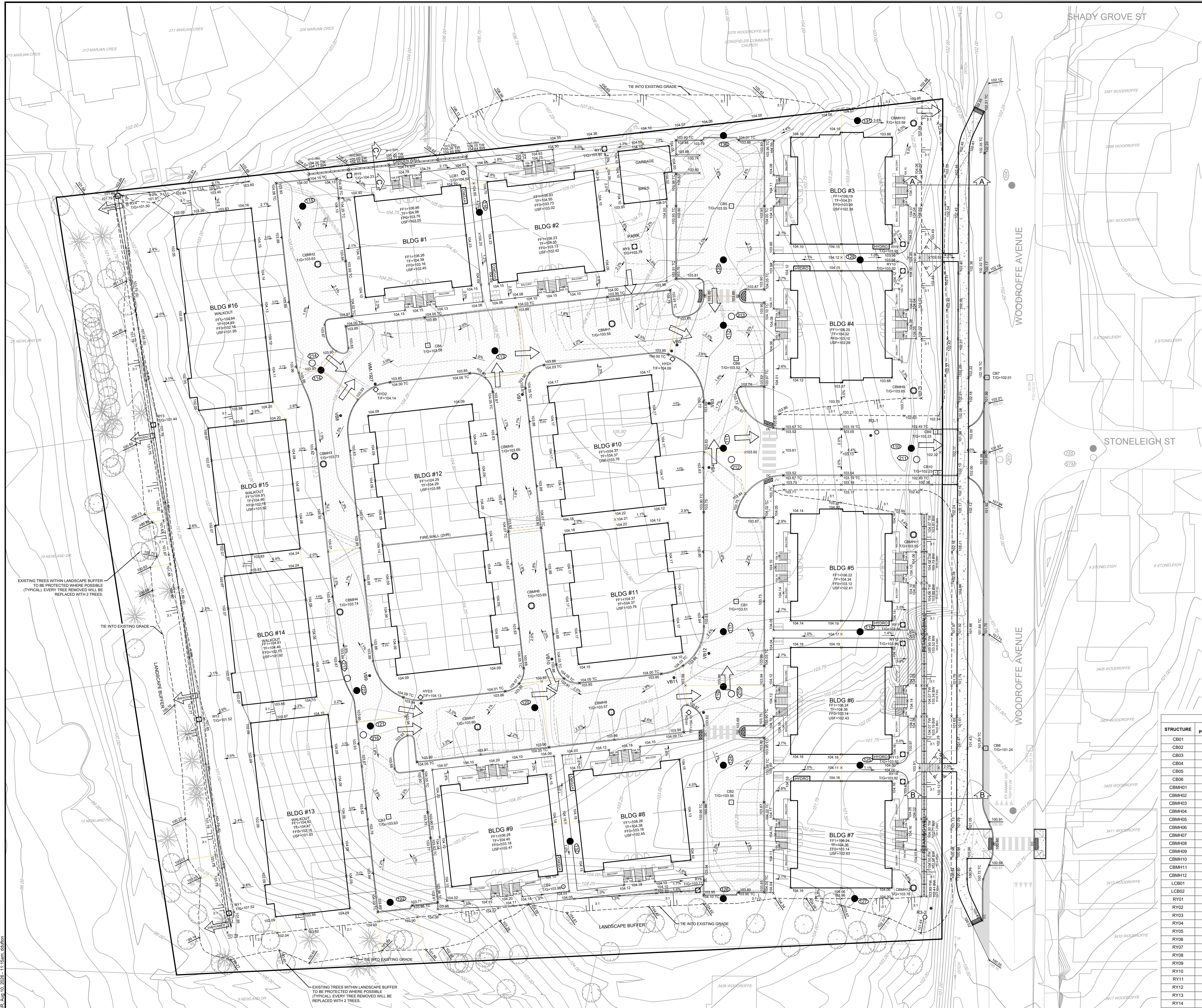
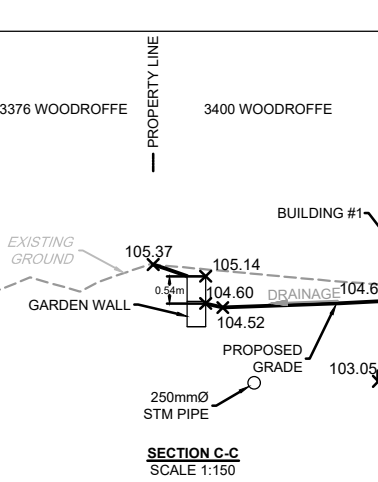
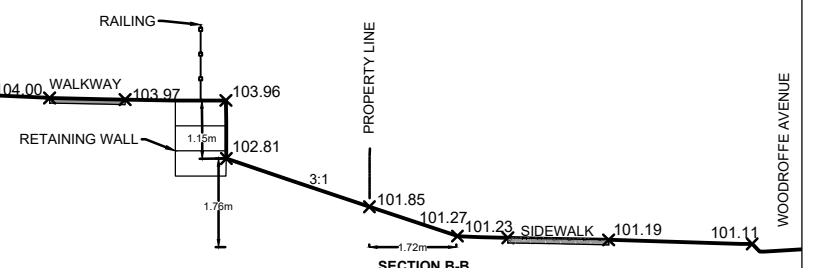
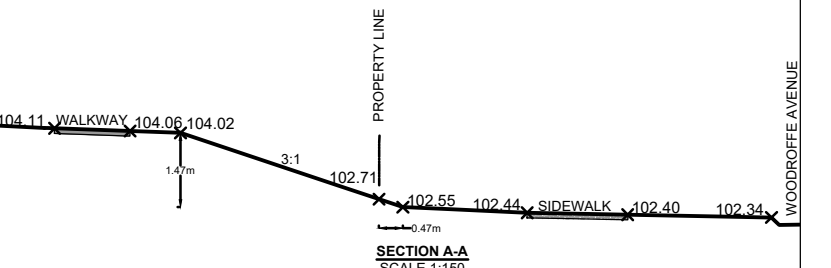




- LEGEND**
- PROPOSED GRADE AND DIRECTION OF FLOW
 - PROPOSED ELEVATION
 - PROPOSED ELEVATION EXISTING ELEVATION
 - EXISTING ELEVATION
 - TERRACING (3:1 MAX)
 - PROPOSED RETAINING WALL
 - MAJOR OVERLAND FLOW DIRECTION
 - EMERGENCY FLOW DIRECTION
 - EXISTING CONTOUR AND ELEVATION
 - PROPOSED SANITARY MANHOLE
 - PROPOSED STORM MANHOLE
 - PROPOSED CATCHBASIN
 - RY1
 - VB
 - HYD
 - FF1
 - FF
 - FF0
 - USF
 - TW
 - BW
 - MAX STATIC PONDING LIMITS
 - 100-YR PONDING LIMITS
 - 100-YR +20% PONDING LIMITS

PAVEMENT STRUCTURE:
40mm ASPHALT SP12.5
50mm ASPHALT SP19.0
150mm GRAN "A"
450mm GRAN "B" TYPE II
TOTAL DEPTH



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	103.87	0.30	103.88	0.30
CB03	103.83	0.20	103.87	0.24	103.88	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	0.33
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	104.00	0.05
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.

LEGAL INFORMATION:
PLAN OF SURVEY OF PART OF LOT 12, CONCESSION 2 (RIDEAU FRONT), GEOGRAPHIC TOWNSHIP OF NEPEAN, REGISTERED PLAN 4R-37128 CITY OF OTTAWA PREPARED BY ANNIS, D'SULLIVAN, VOLLEBECK LTD, SEPTEMBER 29, 2023.

TOPOGRAPHIC INFORMATION:
HORIZONTAL DATUM: NAD 83 (ORIGINAL)
VERTICAL DATUM: CGVD 2878

PHOENIX HOMES
18A BENTLEY AVE
OTTAWA, ON, K2E 6T8

SCALE
1:300

FOR REVIEW ONLY

DESIGN: LRW
CHECKED: MAB
DRAWN: LPA
CHECKED: MAB
APPROVED: MAB

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

CITY OF OTTAWA
3400 WOODROFFE AVENUE - WILLOW COURT

GRADING PLAN

PROJECT NO: 124147
REV: 5
DRAWING NO: 124147-GR

124147-GR-01-2023-11-15-11:55am d6100

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

PLAN #19422