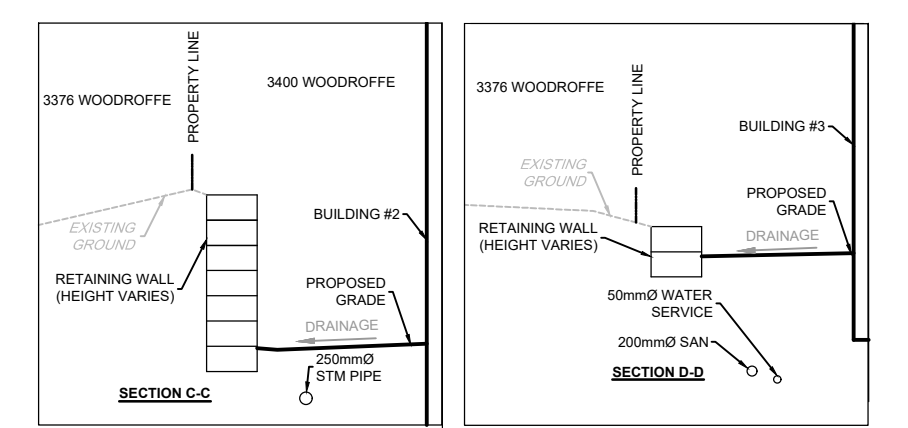
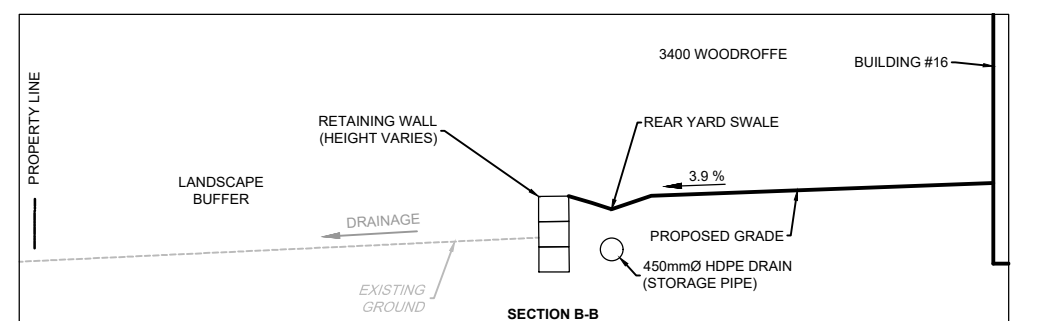
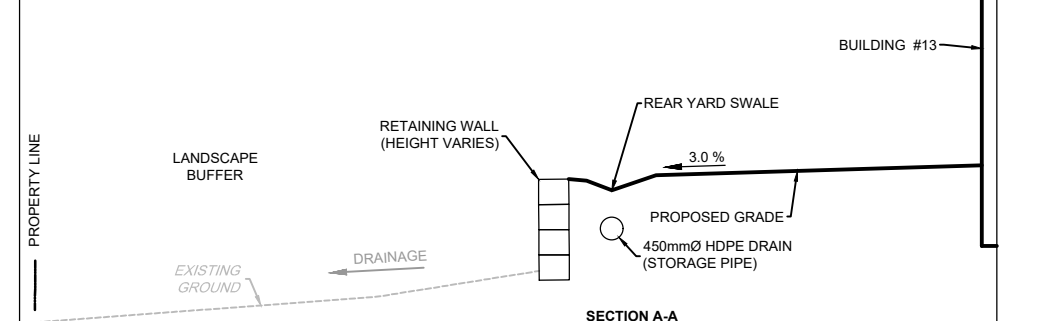


- LEGEND**
- 2.2% PROPOSED GRADE AND DIRECTION OF FLOW
 - 76.90 PROPOSED ELEVATION
 - 77.50 PROPOSED ELEVATION
 - 77.50 X EXISTING ELEVATION
 - TERRACING (3:1 MAX)
 - PROPOSED RETAINING WALL
 - MAJOR OVERLAND FLOW DIRECTION
 - EMERGENCY FLOW DIRECTION
 - EXISTING CONTOUR AND ELEVATION
 - PROPOSED SANITARY MANHOLE
 - PROPOSED STORM MANHOLE
 - PROPOSED CATCHBASIN
 - RY1 PROPOSED REAR YARD CATCHBASIN WITH TOP OF GRATE ELEVATION
 - VB PROPOSED VALVE & VALVE BOX LOCATION
 - HYD PROPOSED HYDRANT WITH TOP OF FLANGE ELEVATION
 - FF1 FINISHED FLOOR ELEVATION - 1ST FLOOR
 - TF TOP OF FOUNDATION
 - FF0 FINISHED FLOOR ELEVATION - BASEMENT
 - USF UNDERSIDE OF FOOTING ELEVATION
 - TW TOP OF WALL ELEVATION
 - BW BOTTOM OF WALL ELEVATION
 - 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
- 60mm TOTAL DEPTH



STRUCTURE	PONDING				MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)		
CB01	103.79	0.28	103.94	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
CBM#01	103.70	0.15	103.74	0.19	103.85	0.30
CBM#02	103.92	0.29	103.94	0.31	103.93	0.30
CBM#03	103.94	0.21	103.95	0.22	103.93	0.20
CBM#04	103.95	0.21	103.96	0.22	103.94	0.20
CBM#05	103.87	0.22	103.91	0.26	103.90	0.25
CBM#06	103.91	0.26	103.93	0.28	103.91	0.26
CBM#07	103.77	0.17	103.86	0.26	103.90	0.30
CBM#08	103.76	0.19	103.85	0.28	103.87	0.30
CBM#09	103.22	0.00	103.60	0.00	103.73	0.08
CBM#10	103.23	0.00	103.61	0.11	103.56	0.08
CBM#11	103.60	0.00	103.88	0.00	103.99	0.04
CBM#12	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	103.86	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.

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CITY OF OTTAWA
3400 WOODROFFE AVENUE
GRADING PLAN
PROJECT NO: 124147
REV # 2
DRAWING NO: 124147-GR

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