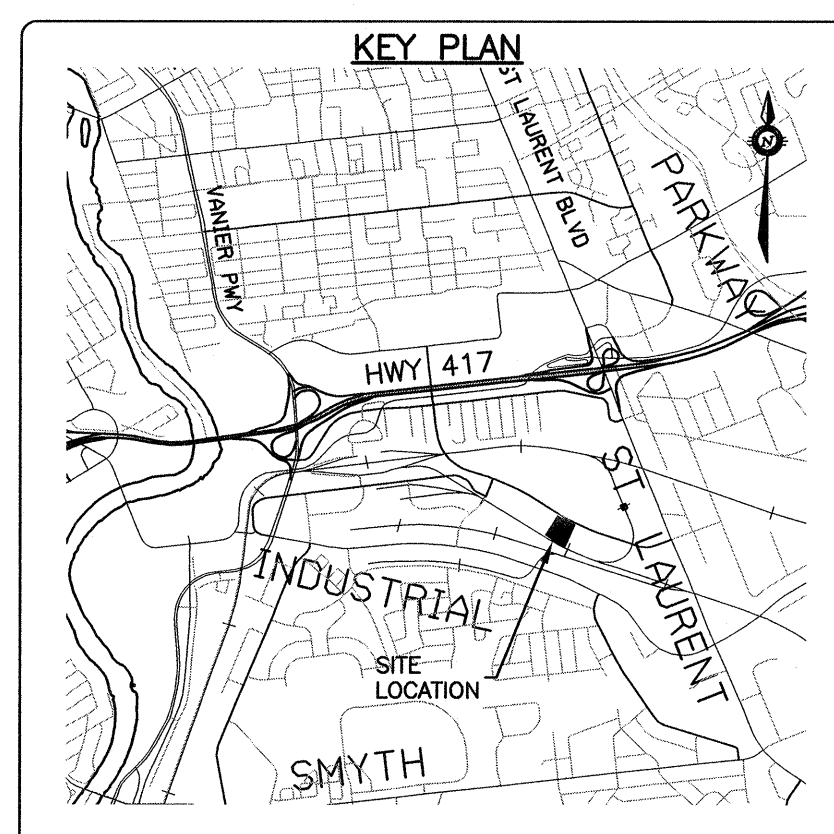
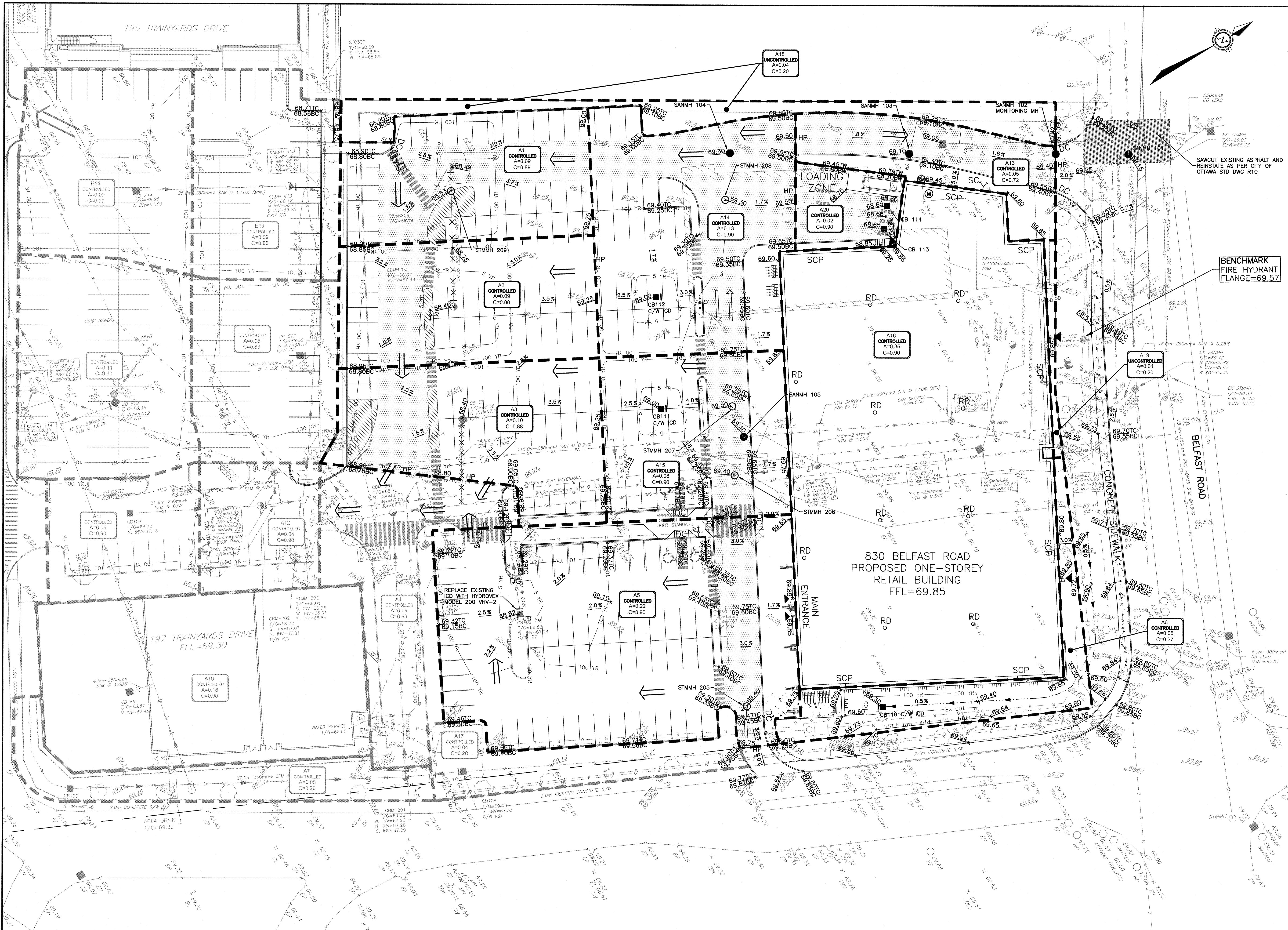




LEGEND

○ UP	EXISTING HYDRO POLE
○ AN	EXISTING ANCHOR
○ B	EXISTING BOLLARD
○ F	EXISTING FIRE HYDRANT
○ S	EXISTING LIGHT STANDARD
○ T	EXISTING THRUST BLOCK
○ V	EXISTING VALVE AND VALVE BOX
○ CB	EXISTING CATCH BASIN MANHOLE
○ CB	EXISTING CATCH BASIN
○ STMH	EXISTING STORM MANHOLE
○ SANMH	EXISTING SANITARY MANHOLE
○	EXISTING ELEVATION
---	PROPERTY LINE
---	EXISTING GAS LINE
---	EXISTING BELL CABLE
---	EXISTING STORM SEWER
---	EXISTING WATERMAIN
---	EXISTING SANITARY SEWER
---	EXISTING UNDERGROUND HYDRO
---	EXISTING OVERHEAD HYDRO
---	PROPOSED CURB
---	PROPOSED SWALE WITH PERFORATED PIPE
---	PROPOSED TERRACING (MAX3:1)
---	PONDING AREA 5-YEAR LIMIT
---	PONDING AREA 100-YEAR LIMIT
---	DRAINAGE BOUNDARY
---	PROPOSED ROOF DRAIN
---	PROPOSED SCUPPER
---	PROPOSED SIAMSE CONNECTION
---	PROPOSED ELEVATION
---	PROPOSED STORM MANHOLE
---	PROPOSED CATCH BASIN MANHOLE
---	PROPOSED CATCH BASIN
---	PROPOSED SANITARY MANHOLE

ICD SUMMARY TABLE

AREA/ID	OUTLET LOCATION	AREA (ha)	HEAD (m)	FLOW RATE (L/s)	HYDROVEX MODEL
A1	CBMH 204	0.09	2.58	7.60	75 VHV-1
A2	CBMH 203	0.09			
A3		0.10	2.12	2.50	50 VHV-1
A4	CBMH 301	0.09			
A5	CB 102	0.22	1.74	37.50	200 VHV-2
A6	CB 110	0.05	2.13	4.80	75 VHV-1
A7	CBMH 201	0.05	1.85	1.00	32 SVHV-1
A8	CB E12	0.08	5.80	6.00	75 VHV-1
A9	CB E19	0.11	3.10	3.20	75 VHV-1
A10	BLDG ROOF	0.16			
A11	CBMH 202	0.05	1.77	4.90	75 VHV-1
A12		0.04			
A13	Ex. CB	0.05			
A14	CB 112	0.13	2.38	14.00	100 VHV-1
A15	CB 111	0.08	2.27	3.00	50 VHV-1
A16	BLDG ROOF	0.35			
A17	CB 108	0.04	1.95	1.00	32 SVHV-1
A18	Uncontrolled	0.04			
A19	Uncontrolled	0.01			
A20	CB 113-114	0.02			
E13	CBMH E13	0.09	2.22	11.80	100 VHV-1
E14		0.09			
TOTAL AREA=		2.03			

*BOLD DENOTES PROPOSED ICD

CAUTION
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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SCALE
0 3m 6m 12m
HORIZONTAL
1:300

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STORMWATER MANAGEMENT PLAN

PROJECT No.
OTT-00251090-AD

DATE
FEB 2019

DRAWING No.
SWM