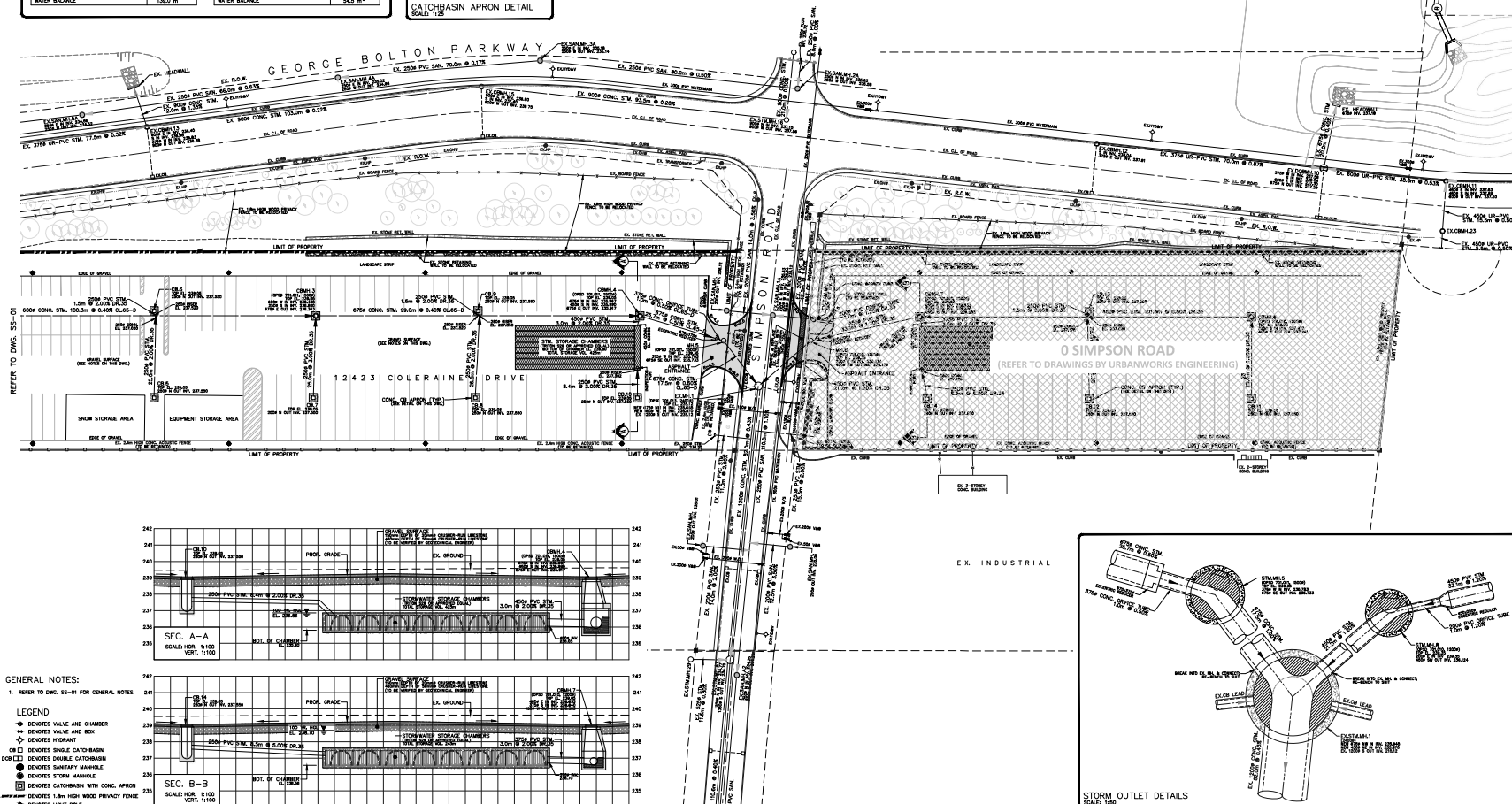
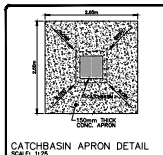


STORMWATER MANAGEMENT SUMMARY			
WEST SITE		EAST SITE	
OFFICE SITE	375mm ±	OFFICE SITE	200mm ±
ALLOWED POINT ELEVATION	19.18	ALLOWED POINT ELEVATION	19.18
10%-10% WATER LEVEL	238.17	10%-10% WATER LEVEL	238.19
100%-10% RELEASE RATE	38.0 L/s	100%-10% RELEASE RATE	178.1 L/s
ALLOWED 10%-10% RELEASE RATE	38.0 L/s	ALLOWED 10%-10% RELEASE RATE	178.1 L/s
REQUIRED STORAGE		REQUIRED STORAGE	
10%-10% CONTROL STORAGE	38 m³	TOTAL 10%-10% CONTROL STORAGE	210 m³
PPES @ 17" m		PPES @ 25" x 3'	
CHAMBER @ 20' m		WATER BALANCE (CHAMBER)	25 m³
WATER BALANCE (CHAMBER)	140 m³		
REQUIRED STORAGE		REQUIRED STORAGE	
QUANTITY CONTROL	308 m³	QUANTITY CONTROL	305 m³
WATER BALANCE	13.0 m³	WATER BALANCE	14.5 m³



LEGAL DESCRIPTION:
PART OF THE WEST HALF OF LOT 3, CONCESSION 6
TOWN OF CALEDON (GEOGRAPHIC TOWNSHIP OF ALBION)

DRAWING LIST	
SS-01	SITE SERVICING PLAN - PART 1
SS-02	SITE SERVICING PLAN - PART 2
SG-01	SITE GRADING PLAN - PART 1
SG-02	SITE GRADING PLAN - PART 2
SC-01	EROSION & SEDIMENT CONTROL PLAN
TA-01	STORM TRIBUTARY AREA PLAN

SUBMISSION HISTORY		
No.	ISSUED FOR	DATE
1.	ISSUED FOR 2BA/3PA	JAN.29,20

REVISIONS			
No.	DESCRIPTION	BY	DATE

BEARING NOTE:		
BEARINGS ARE UTM GRID, DERIVED FROM GPS OBSERVATIONS USING CAN-NET REAL TIME NETWORK, UTM ZONE 17, NAD-1983; COORDINATES ARE UTM ZONE 17, NAD-1983; COORDINATES-2011. TO UPGRADE ACCURACY PER SEC 14 (2) OF SACS 234/70.		
POINT ID	NORTHING	EASTING
OSP A	454238.52	631891.05
OSP B	454238.52	631891.05

BENCHMARK NOTE:
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO GEODETIC SURVEY OF CANADA FIRST-ORDER VERTICAL BENCHMARK 1984 (MADRID, 1984). ELEVATION OF 222.10 METERS. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1929, 1978 ADJUSTMENT (CGVD-1929/1978).

CONSULTANT'S CERTIFICATE
WE HAVE REVIEWED THE SITE AND GRADING PLAN FOR THE PROPOSED BUILDINGS TO BE CONSTRUCTED AND HEREBY CERTIFY THAT:

1. THE GRADING/GEOTECHNICAL DESIGN AND DRAINAGE WORKS COMPLY WITH SOUND ENGINEERING PRINCIPLES.
2. THE PROPOSED GRADING WILL NOT ADVERSELY AFFECT ADJACENT LANDS.
3. THE PROPOSED BUILDINGS ARE COMPATIBLE WITH THE PROPOSED SITE GRADING.



RAFAT STORAGE YARD
12423 COLERAINE DRIVE & 0 SIMPSON ROAD



SITE SERVICING PLAN
PART 2

TOWN FILE: PRE-20-0009		PROJECT No. 20-0009CA	
REGION FILE:			
DATE: JAN 29, 2021	DESIGNED BY: T.D.	DWG. No. SS-01	
SCALE: 1:500	DRAWN BY: T.D.		
	CHECKED BY: M.M.		