

**RAFAT STORAGE YARD  
12423 COLERAINE DRIVE, CALEDON, ONTARIO**

TOWN OF CALEDON  
PLANNING  
RECEIVED  
Feb.24, 2021

## ENGINEER'S ESTIMATE FOR SECURITIES

SECTION A	INTERNAL SITE WORKS	\$1,047,740	
SECTION B	EXTERNAL WORKS (Simpson Road Right-of-Way)	\$25,253	
	<b>TOTAL ESTIMATED VALUE:</b>		<b>\$1,073,000</b>

**Notes:**

- 1) The above amounts do not include H.S.T.
- 2) This estimate is provided for the purpose of establishing financial securities and includes all permanent works, internal and external to the site.
- 3) Cost of permits, review fees, and any other financial requirements as may be imposed by the external agencies have not been included in this estimate. Engineering fees not included.

**SECTION A - INTERNAL SITE WORKS (12423 Coleraine Drive)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (\$)	TOTAL (\$)
<b>Site Preparation</b>					
A-1	Clearing of site.	1	L.S.	\$2,000.00	\$2,000.00
A-2	Removal of excess fill material.	10,500	CU.M.	\$3.00	\$31,500.00
A-3	Relocation of existing stone retaining wall.	141	L.M.	\$8.00	\$1,128.00
A-4	Relocation of existing 1.8m high privacy fence.	324	L.M.	\$15.00	\$4,860.00
<b>Storm Servicing</b>					
A-5	250mm PVC storm pipe	163	L.M.	\$200.00	\$32,600.00
A-6	450mm PVC storm pipe	102	L.M.	\$250.00	\$25,500.00
A-7	600mm concrete storm pipe	100	L.M.	\$400.00	\$40,000.00
A-8	675mm concrete storm pipe	143	L.M.	\$450.00	\$64,350.00
A-9	375mm orifice tube (including 675mm to 375mm reducer)	1	L.M.	\$600.00	\$600.00
A-10	Catch basin including concrete apron	10	EACH	\$3,200.00	\$32,000.00
A-11	Manhole or CB Manhole including grate or cover (1200mm)	2	EACH	\$3,000.00	\$6,000.00
A-12	Manhole or CB Manhole including grade or cover (1500mm)	3	EACH	\$4,000.00	\$12,000.00
A-13	Stormwater Storage Chamber (423m3)	1	EACH	\$76,000.00	\$76,000.00
<b>Roadworks (Parking Area)</b>					
A-14	Supply, placement and compaction of the following:				
	(a) 450mm depth of 50mm crusher-run limestone	17,295	SQ.M.	\$26.00	\$449,670.00
	(b) 150mm depth of 20mm crusher-run limestone	17,295	SQ.M.	\$12.00	\$207,540.00
<b>Roadworks (Entrance)</b>					
A-15	Supply, placement and compaction of the following:				
	(a) 300mm thickness of Granular B (or crusher-run equivalent)	98	SQ.M.	\$20.00	\$1,960.00
	(b) 150mm thickness of Granular A (or crusher-run equivalent)	98	SQ.M.	\$12.00	\$1,176.00
	(c) 50mm thickness of HL8 binder course asphalt	98	SQ.M.	\$10.00	\$980.00
	(d) 40mm thickness of HL3 surface course asphalt	98	SQ.M.	\$8.00	\$784.00
A-16	Barrier Curb including formwork and placement	48	L.M.	\$150.00	\$7,200.00
SUBTOTAL					\$997,848.00
+5% CONTINGENCIES					\$49,892.40
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>					<b>\$1,047,740.40</b>

**SECTION A - EXTERNAL SITE WORKS (12423 Coleraine Drive)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (\$)	TOTAL (\$)
<b>Site Preparation</b>					
B-1	Clearing of site.	1	L.S.	\$700.00	\$700.00
B-2	Removal of excess fill material.	65	CU.M.	\$10.00	\$650.00
<b>Storm Servicing</b>					
B-3	675mm concrete storm pipe	18	L.M.	\$600.00	\$10,500.00
B-4	Breaking into existing 2400mm manhole to establish connection including all restoration.	1	L.S.	\$2,500.00	\$2,500.00
<b>Roadworks (Entrance)</b>					
B-5	Supply, placement and compaction of the following:				
	(a) 300mm thickness of Granular B (or crusher-run equivalent)	106	SQ.M.	\$20.00	\$2,120.00
	(b) 150mm thickness of Granular A (or crusher-run equivalent)	106	SQ.M.	\$12.00	\$1,272.00
	(c) 50mm thickness of HL8 binder course asphalt	106	SQ.M.	\$10.00	\$1,060.00
	(d) 40mm thickness of HL3 surface course asphalt	106	SQ.M.	\$8.00	\$848.00
B-6	Barrier Curb including formwork and placement	22	L.M.	\$200.00	\$4,400.00
B-7	Depressed curb including formwork and placement	30	L.M.	\$200.00	\$6,000.00
<b>Miscellaneous</b>					
B-8	Stop sign	1	EACH	\$300.00	\$300.00

SUBTOTAL	\$24,050.00
+5% CONTINGENCIES	\$1,202.50
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>	<b>\$25,252.50</b>