## Winston Park

## Engineers Cost Estimate

4/5/2018

4/5/2018	Qty	Unit	Unit Price	Amount	
Description	QLY	Onic	onic i nee	Amount	
Culinary Water					
Connect to Existing	1 e	a.	\$4,125.00	\$4,125.00	
10" C-900 Waterline	4440 e	a.	\$32.00	\$142,080.00	
3/4" Water Service	56 e	a.	\$950.00	\$53,200.00	
Lateral					
10" Gate Valve	10 e	a.	\$2150.00	\$21,500.00	
10" x 10" Tee	3 e	a.	\$650.00	\$1,950.00	
10'" Tee	0 e	a.	\$265.50	\$0.00	
Fire Hydrant	9 e	a.	\$4500.00	\$40,500.00	
10" Blow Off	4 e	a.	\$850.00	\$3,400.00	
Test Water Line	2 e	a.	\$850.00	\$1,700.00	
3" Minus Material	3200 e	a.	\$11.50	\$36,800.00	
Raise and Collar Valves	12 e	a.	\$250.00	\$3,000.00	
					\$308,255.00
Sewer					
Dewatering	1 e	a.	\$12000.00	\$12,000.00	
8" PVC Sewer Line	5203 e	a.	\$24.50	\$127,473.50	
4" Service Lateral	56 e	a.	\$750.00	\$42,000.00	
48" Manholes	14 e	a.	\$2250.00	\$31,500.00	
60" Manholes	3 e	a.	\$2550.00	\$7,650.00	
Clean and Camera	0 e	a.	\$1.10	\$0.00	
Test Sewer Line	1 e	a.	\$3800.00	\$3,800.00	
Raise and Collar	17 e	a.	\$350.00	\$5,950.00	
Manholes					
3" Minus Materail	23000 e	a.	\$11.50	\$264,500.00	
					\$494,873.50
Irrigation	_		4		
Connect to Existing	1 e		\$4125.00	\$4,125.00	
8" C-900 Waterline	3940 e		\$24.50	\$96,530.00	
8" Gate Valve	10 e		\$1550.00	\$15,500.00	
8" Tee	2 e		\$400.00	\$800.00	
8" Cross	1 e		\$400.00	\$400.00	
Air Relief Valve	4 e		\$650.00	\$2,600.00	
1" Single Lateral	56 e		\$575.00	\$32,200.00	
1" Double Lateral	0 e		\$1,500.00	\$0.00	
Test Secondary Water	2 e	a.	\$650.00	\$1,300.00	
Line					

3" Minus Material Raise and Collar Valves	4000 ea. 14 ea.	\$11.50 \$450.00	\$46,000.00 \$6,300.00	
Raise and Conar valves	14 ea.	\$450.00	\$6,500.00	
				\$205,755.00
Storm Drain				
4" PVC Foundation	0 ea.	\$700.00	\$0.00	
Drain				
4'x4' Box	11 ea.	\$2400.00	\$26,400.00	
5'x5' Box	1 ea.	\$8800.00	\$8,800.00	
Combo / Cleanout Box	19 ea.	\$2950.00	\$56,050.00	
Reverse Combo Box	0 ea.	\$2,482.00	\$0.00	
Catch Basin	11 ea.	\$1,500.00	\$16,500.00	
Flared End	10 ea.	\$1200.00	\$12,000.00	
24" RCP Pipe	1800 lf	\$55.00	\$99,000.00	
21" RCP Pipe	288 lf	\$52.00	\$14,976.00	
18" RCP Pipe	271 lf	\$51.00	\$13,821.00	
15" RCP Pipe	3804 lf	\$49.00	\$186,396.00	
3" Minus Material	4000 ea.	\$11.50	\$46,000.00	
Excavate Detention	1 ea.	\$3,600.00	\$3,600.00	
Ponds				
Camera Storm Drain	1 ea.	\$6,500.00	\$6,500.00	
				\$483,543.00
Site Work	•		40.00	
Mobilization	0 ea.	\$5500.00	\$0.00	
Grub Road	1 ea.	\$2500.00	\$2,500.00	
Materials Imported to Establish Subgrade	18750 ea.	\$14.50	\$271,875.00	
Curb & Gutter	11030 ea.	\$15.50	\$170,965.00	
Ada Ramps	11030 ea. 12 ea.	\$1200.00	\$170,903.00	
Sidewalk	10200 ea.	\$1200.00	\$158,100.00	
3" Minus Material	26500 ea.	\$19.50	\$384,250.00	
Roadbase	6800 ea.	\$15.50	\$105,400.00	
Final Grading	0 ea.	\$0.11	\$103,400.00 \$0.00	
Compaction Density	0 ea.	\$2500.00	\$0.00	
Testing	0 ea.	\$2500.00	Ş0.00	
3" Asphalt Pavement	185400 ea.	\$1.25	\$231,750.00	
Saw Cut	0 ea.	\$2.50	\$0.00	
Traffic Control	0 ea.	\$3500.00	\$0.00	
Dry Utilities Trench	0 ea.	\$12.09	\$0.00	

Sod	44621 sq. ft.	\$0.36	\$16,063.56	
Trees	333 ea.	\$350.00	\$116,550.00	
Street lights	87 ea.	\$3000.00	\$261,000.00	
Landscaping	0 ea.	\$0.00	\$0.00	
				\$1,732,853.56
SWPPP				
Create and File NOI	1 ea.	\$1500.00	\$1,500.00	
EPA Truck Entrance	1 ea.	\$500.00	\$500.00	
EPA Box Filters	30 ea.	\$75.00	\$2,250.00	
Installed				
				\$4,250.00
Subtotal				\$3,229,530.06
Contingency (10%)				\$322,953.01
Total Estimated Cost				\$3,552,483.07

\* This is an estimate only. The owner/developer is responsible to verify amounts. The approved project plans are the governing document.

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