

GENERAL SUMMARY

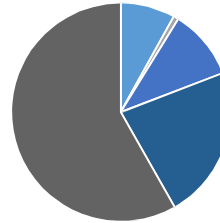
Prepared for: **Sapphire Circle 255 Rockland Street, Canton, MA**
 Project ID:
 Scope: **Sitework**
 Date: **05/15/25**



OVERALL PROJECT GSF **133,021**

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
01 00 00	General Requirements	\$ 68,000	\$ 0.51
02 00 00	Existing Condition	\$ 6,515	\$ 0.05
31 00 00	Earthwork	\$ 87,615	\$ 0.66
32 00 00	Site Improvements	\$ 190,749	\$ 1.43
33 00 00	Utilities	\$ 491,754	\$ 3.70
TOTAL TRADE COST		\$ 844,632	\$ 6.35
OVERHEAD AND PROFIT	20%	\$ 168,926	\$ 1.27
INSURANCE	3%	\$ 25,339	\$ 0.19
CONTINGENCY	5%	\$ 42,232	\$ 0.32
TAX	6.25%	\$ 25,105	\$ 0.40
SUGGESTED BID		\$ 1,106,234	\$ 8.52

DIVISION COST COMPARISON



■ General Requirements ■ Existing Condition ■ Earthwork ■ Site Improvements ■ Utilities

DETAILED BREAKDOWN OF ITEMS

Prepared for: **Sapphire Circle 255 Rockland Street, Canton, MA**
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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ 68,000

EXISTING CONDITIONS													
DEMOLITION													
8		PLAN NOTES	Garage To Be Razed	SF	734	0%	734	0.050	\$ 50.00	\$ 2.50	\$ -	\$ 2.50	\$ 1,836
9			House #255 2 St. W/ F To Be Razed	SF	975	0%	975	0.050	\$ 50.00	\$ 2.50	\$ -	\$ 2.50	\$ 2,437
10			Existing Tree To Be Removed	EA	1	0%	1	6.000	\$ 50.00	\$ 300.00	\$ -	\$ 300.00	\$ 300
PROTECTION													
11		8/C204	Existing Tree To Be Protected	EA	1								
			Wrap Existing Tree W/ Two Layers Of Burlap & Two Layers Of Standard Snow Fence (Wire & Fasten Securely)	EA	1	10%	1	0.500	\$ 50.00	\$ 25.00	\$ 100.00	\$ 125.00	\$ 138
12			Tree Protection Chain-link Fence	LF	48	10%	52	0.100	\$ 50.00	\$ 5.00	\$ 26.50	\$ 31.50	\$ 1,646
13			Metal Posts	EA	6	0%	6	0.120	\$ 50.00	\$ 6.00	\$ 20.50	\$ 26.50	\$ 159
			- Driven Into The Ground 2'-0" Min.										
												SUBTOTAL	\$ 6,515

EARTHWORK														
GRADING														
14	C103	Plan Details	Total Earthwork Cut	CY	3585	10%	3943.5	0.120	\$ 50.00	\$ 6.00	\$ -	\$ 6.00	\$ 23,661	
15				Total Earthwork Fill	CY	3210	10%	3531	0.160	\$ 50.00	\$ 8.00	\$ -	\$ 8.00	\$ 28,248
16				Total Soil To Be Export	CY	375	10%	413	0.120	\$ 50.00	\$ 6.00	\$ -	\$ 6.00	\$ 2,475
17		Assumed	Clearing & Grubbing	SF	82236	10%	90460	0.004	\$ 50.00	\$ 0.20	\$ -	\$ 0.20	\$ 18,092	
18			Finish Grading	SF	82236	10%	90460	0.002	\$ 50.00	\$ 0.10	\$ -	\$ 0.10	\$ 9,046	
EROSION & SEDIMENT CONTROL														
SILT FENCE														
19		Plan Notes	Siltation Control Fence W/ Posts (As Req)	LF	1153	10%	1268	0.041	\$ 50.00	\$ 2.05	\$ 1.50	\$ 3.55	\$ 4,502	
CONSTRUCTION ENTRANCE														
20	C001	7/C204	6" Thk. Construction Entrance	SF	246									
21				3" Crushed Stone	SF	246	10%	271	0.020	\$ 50.00	\$ 1.00	\$ 1.65	\$ 2.65	\$ 717
				Filter Fabric	SF	246	10%	271	0.008	\$ 50.00	\$ 0.40	\$ 0.65	\$ 1.05	\$ 284
PROTECTION														
22		6/C204	Catch basin Protection	EA	4	0%	4	0.400	\$ 50.00	\$ 20.00	\$ 110.00	\$ 130.00	\$ 520	
23			"Silt Sack" (By ACF Environment) OR "Stream Guard" (By FOSS Environmental Services)	EA	4	0%	4	0.400	\$ 50.00	\$ 20.00	\$ 110.00	\$ 130.00	\$ 520	
			Geotextile Adapter Skirt	SF	36	10%	40	0.010	\$ 50.00	\$ 0.50	\$ 1.25	\$ 1.75	\$ 69	
												SUBTOTAL	\$ 87,615	

EXTERIOR IMPROVEMENT														
SITWORK														
PAVEMENT														
Roadway														
24	PLAN NOTES		4" Bituminous Concrete Type 1	SF	16233	10%	17856	0.012	\$ 60.00	\$ 0.72	\$ 1.00	\$ 1.72	\$ 30,713	
25			1-1/2" Wearing Course	SF	16233	10%	17856	0.010	\$ 50.00	\$ 0.50	\$ 1.10	\$ 1.60	\$ 28,570	
26			2-1/2" Binder	SF	16233	10%	17856	0.010	\$ 50.00	\$ 0.50	\$ 1.50	\$ 2.00	\$ 35,712	
27			3" Dense Graded Crushed Stone	CY	150	10%	165	0.250	\$ 50.00	\$ 12.50	\$ 32.50	\$ 45.00	\$ 7,440	
28			12" Gravel Fill	CY	601	10%	661	0.250	\$ 50.00	\$ 12.50	\$ 42.50	\$ 55.00	\$ 36,374	
CURB														
29				Slope Granite Curb	LF	81	10%	89	0.160	\$ 60.00	\$ 9.60	\$ 27.50	\$ 37.10	\$ 3,303
30				-6" Thick x 15" Wide	CY	1	10%	1	2.850	\$ 60.00	\$ 171.00	\$ 188.50	\$ 359.50	\$ 453
FENCE														
31				Construction Fence W/ Access Gate (6'-0" H)	LF	79	10%	87	0.125	\$ 56.00	\$ 7.00	\$ 22.50	\$ 29.50	\$ 2,576
			-1-3/8"x1-1/2" U-Channel Top & Bottom Rail											
			-3" Square Tubular Terminal/ Corner Post; 2-1/2" Square Tubular Intermediate Post Fence Post Space Equally Or 8'-0" O.C.											
			-1/2" Square Steel Or Aluminum Pickets											
RETAINING WALL														
36			Retaining Wall (6'-0" H)	SF	1052	10%	1157	0.085	\$ 58.00	\$ 4.93	\$ 4.50	\$ 9.43	\$ 10,910	
			- Detail Not Provided											
2'-0"x1'-0" CONTINUOUS FOOTING														
37	DETAIL ASSUMED		Concrete	CY	13	10%	14	2.850	\$ 78.00	\$ 222.30	\$ 188.50	\$ 410.80	\$ 5,867	
38			(2) #5 Rebar	LBS	460	10%	506	0.015	\$ 58.00	\$ 0.87	\$ 1.10	\$ 1.97	\$ 997	
39			Formwork	SF	351	10%	386	0.090	\$ 40.00	\$ 3.60	\$ -	\$ 3.60	\$ 1,388	
40			Excavation	CY	19	10%	21	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 348	
41			Backfill	CY	6	10%	7	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 146	
BERM														
42			12"x6" Cape Cod Style Asphalt Berm	LF	594	10%	653	0.041	\$ 50.00	\$ 2.05	\$ 2.75	\$ 4.80	\$ 3,135	
LANDSCAPE														
43			Landscape Area	SF	4698	10%	5168	0.018	\$ 50.00	\$ 0.90	\$ 1.00	\$ 1.90	\$ 9,819	
			-6" Screened Loam (W/ 1/2" Max. Stone & Seed)											
PLANTS														
44			Qp: Botanical Name: Quercus Palustris	EA	2	0%	2	5.000	\$ 48.00	\$ 240.00	\$ 550.00	\$ 790.00	\$ 1,580	
			Common Name: Pin Oak											
			Size: 2"-2-1/2" Caliper											
45			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	2	0%	2	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 50	
46			(3) 2" x 2" Wood Stake	EA	2	0%	2	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 62	
47			2" Pine Bark Mulch	SF	50	10%	55	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 89	
48			Excavation	CY	3	10%	3	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 53	

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49	C101 & C102		Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	2	10%	3	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 134
50			Ls: Botanical Name: Liquidambar styraciflua Common Name: Sweetgum Size: 2"-2-1/2" Caliper	EA	3	0%	3	5.000	\$ 48.00	\$ 240.00	\$ 450.00	\$ 690.00	\$ 2,070
51			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	3	0%	3	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 75
52			(3) 2" x 2" Wood Stake	EA	3	0%	3	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 93
53			2" Pine Bark Mulch	SF	75	10%	83	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 133
54			Excavation	CY	5	10%	5	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 79
55			Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	3	10%	4	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 201
56			Ar: Botanical Name: Acer Rubrum October Glory Common Name: October Glory Red Maple Size: 2"-2-1/2" Caliper	EA	2	0%	2	5.000	\$ 48.00	\$ 240.00	\$ 485.00	\$ 725.00	\$ 1,450
57			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	2	0%	2	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 50
58			(3) 2" x 2" Wood Stake	EA	2	0%	2	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 62
59			2" Pine Bark Mulch	SF	50	10%	55	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 89
60			Excavation	CY	3	10%	3	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 53
61		PLAN NOTES	Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	2	10%	3	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 134
62			As: Botanical Name: Acer Saccharum Green Mountain Common Name: Green Mountain Sugar Maple Size: 2"-2-1/2" Caliper	EA	1	0%	1	5.000	\$ 48.00	\$ 240.00	\$ 585.00	\$ 825.00	\$ 825
63			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	1	0%	1	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 25
64			(3) 2" x 2" Wood Stake	EA	1	0%	1	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 31
65			2" Pine Bark Mulch	SF	25	10%	28	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 44
66			Excavation	CY	2	10%	2	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 26
67			Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	1	10%	1	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 67
68			Cl: Botanical Name: Cladrastis Kentuken Common Name: American Yellowwood Size: 2"-3" Caliper	EA	3	0%	3	5.000	\$ 48.00	\$ 240.00	\$ 650.00	\$ 890.00	\$ 2,670
69			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	3	0%	3	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 75
70			(3) 2" x 2" Wood Stake	EA	3	0%	3	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 93
71			2" Pine Bark Mulch	SF	75	10%	83	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 133
72			Excavation	CY	5	10%	5	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 79
73			Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	3	10%	4	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 201
74			Ns: Botanical Name: Nyssa Sylvatica Common Name: Black Tupelo Size: 2"-4" Caliper	EA	1	0%	1	5.000	\$ 48.00	\$ 240.00	\$ 540.00	\$ 780.00	\$ 780
75			(3) 3/4" Nylon Webbing (4'-6"L) W/ Rubber Hose	EA	1	0%	1	0.243	\$ 48.00	\$ 11.66	\$ 13.50	\$ 25.16	\$ 25
76			(3) 2" x 2" Wood Stake	EA	1	0%	1	0.300	\$ 48.00	\$ 14.40	\$ 16.50	\$ 30.90	\$ 31
77			2" Pine Bark Mulch	SF	25	10%	28	0.020	\$ 48.00	\$ 0.96	\$ 0.65	\$ 1.61	\$ 44
78			Excavation	CY	2	10%	2	0.325	\$ 48.00	\$ 15.60	\$ -	\$ 15.60	\$ 26
79			Backfill -2/3 Loam Borrow/1/3 Aged Compost and Peat Moss, Thoroughly Mixed Mycorrhizal Fungi Root Stimulator per Manufacturer's Application Rate	CY	1	10%	1	0.410	\$ 48.00	\$ 19.68	\$ 33.00	\$ 52.68	\$ 67
SUBTOTAL												\$ 190,749	

UTILITIES

DOMESTIC WATER													
PIPING													
80			8" Ductile Iron Water Line	LF	339	10%	373	0.300	\$ 72.00	\$ 21.60	\$ 58.50	\$ 80.10	\$ 29,868
81			1" Ductile Iron Water Line	LF	353	10%	389	0.120	\$ 72.00	\$ 8.64	\$ 9.50	\$ 18.14	\$ 7,048
EXCAVATION													
82			8" Water Line	CY	168	10%	184	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 2,996
83			1" Domestic Water Line	CY	131	10%	144	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 2,338
CRUSHED STONE													
84			8" Water Line	CY	68	10%	75	0.410	\$ 50.00	\$ 20.50	\$ 32.50	\$ 53.00	\$ 3,985
85			1" Domestic Water Line	CY	41	10%	45	0.410	\$ 50.00	\$ 20.50	\$ 32.50	\$ 53.00	\$ 2,403
BACKFILL													
86			8" Water Line	CY	99	10%	109	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 2,238
87			1" Domestic Water Line	CY	90	10%	99	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 2,021
FILTER FABRIC													
88			Mirafl 140N Filter Fabric	SF	8008	10%	8808	0.008	\$ 50.00	\$ 0.40	\$ 0.32	\$ 0.72	\$ 6,342
FITTINGS													
89			8" 45 Deg Bend	EA	1	0%	1	2.500	\$ 72.00	\$ 180.00	\$ 916.50	\$ 1,096.50	\$ 1,097
90			8" X 8" X 1" Tee	EA	4	0%	4	3.000	\$ 72.00	\$ 216.00	\$ 1,150.00	\$ 1,366.00	\$ 5,464
91			6X6X8 Tee	EA	1	0%	1	3.500	\$ 72.00	\$ 252.00	\$ 1,250.00	\$ 1,502.00	\$ 1,502
VALVE													
92			8" Gate Valve	EA	1	0%	1	3.500	\$ 72.00	\$ 252.00	\$ 2,500.00	\$ 2,752.00	\$ 2,752
HYDRANT													
93			Hydrant	EA	1	0%	1	4.500	\$ 72.00	\$ 324.00	\$ 4,250.00	\$ 4,574.00	\$ 4,574
SANITARY SEWER													
PIPING													
94			8" Sanitary Line	LF	127	10%	139	0.250	\$ 72.00	\$ 18.00	\$ 20.50	\$ 38.50	\$ 5,363
95			6" Sanitary Line	LF	348	10%	383	0.210	\$ 72.00	\$ 15.12	\$ 16.50	\$ 31.62	\$ 12,112
EXCAVATION													
96			8" Sanitary Line	CY	39	10%	43	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 700
97			6" Sanitary Line	CY	97	10%	106	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 1,729
1/2" CRUSHED STONE													
98			8" Sanitary Line	CY	11	10%	13	0.410	\$ 50.00	\$ 20.50	\$ 32.50	\$ 53.00	\$ 669
99			6" Sanitary Line	CY	26	10%	29	0.410	\$ 50.00	\$ 20.50	\$ 32.50	\$ 53.00	\$ 1,544
DINARY FILL MATERIAL													
100			8" Sanitary Line	CY	28	10%	30	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 624
101			6" Sanitary Line	CY	70	10%	77	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 1,584

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			FILTER FABRIC										
102			Mirafl 140N Filter Fabric	SF	2380	10%	2618	0.008	\$ 50.00	\$ 0.40	\$ 0.32	\$ 0.72	\$ 1,883
			FITTINGS										
103			8"X8"X6" Tee	EA	2	0%	2	1.800	\$ 72.00	\$ 129.60	\$ 285.50	\$ 415.10	\$ 830
			MANHOLE										
104			48" Dia Sanitary Sewer Manhole	EA	2	0%	2	4.500	\$ 72.00	\$ 324.00	\$ 4,850.00	\$ 5,174.00	\$ 10,348
			STORM DRAINAGE										
			PIPING										
105			12" Storm Line	LF	459	10%	505	0.270	\$ 72.00	\$ 19.44	\$ 26.58	\$ 46.02	\$ 23,255
106			Drain Line Building To Infiltration Basin (Detail Not Provided)	LF	680	10%	748	0.100	\$ 72.00	\$ 7.20	\$ 4.50	\$ 11.70	\$ 8,757
			EXCAVATION										
107			Storm Sewer Line	CY	507	10%	557	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 9,057
			1/2" CRUSHED STONE										
108	C102	PLAN NOTES	Storm Sewer Line	CY	136	10%	149	0.410	\$ 50.00	\$ 20.50	\$ 32.50	\$ 53.00	\$ 7,914
			DINARY FILL MATERIAL										
109			Storm Sewer Line	CY	371	10%	408	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 8,364
			FILTER FABRIC										
110			Mirafl 140N Filter Fabric	SF	6840	10%	7524	0.008	\$ 50.00	\$ 0.40	\$ 0.32	\$ 0.72	\$ 5,417
			MANHOLE										
111			48" Dia Storm Drainage Manhole	EA	4	0%	4	4.500	\$ 72.00	\$ 324.00	\$ 4,500.00	\$ 4,824.00	\$ 19,296
			CATCH BASIN										
112			Catch Basin	EA	4	0%	4	3.200	\$ 72.00	\$ 230.40	\$ 2,250.00	\$ 2,480.40	\$ 9,922
			FLARED END STRUCTURE										
113			Fes2: 5'-0"X5'-0" Flared End Structure	EA	1	0%	1	3.000	\$ 72.00	\$ 216.00	\$ 1,500.00	\$ 1,716.00	\$ 1,716
114			Fes1: 5'-0"X5'-0" Flared End Structure	EA	1	0%	1	3.000	\$ 72.00	\$ 216.00	\$ 1,500.00	\$ 1,716.00	\$ 1,716
			OUTLET CONTROL STRUCTURE										
115			10'-0" Wide Concrete Structure -6" Thick Concrete Wall -8" Thick Reinforced Concrete Bottom (4000 PSD) -Frame & Cover	EA	1	0%	1	12.500	\$ 72.00	\$ 900.00	\$ 15,000.00	\$ 15,900.00	\$ 15,900
			SPILLWAY										
116			10'-0" Wide Spillway -6" Stone	CY	5	10%	6	0.410	\$ 72.00	\$ 29.52	\$ 32.50	\$ 62.02	\$ 354
			RIP RAP										
117			12" Riprap (103.52 SF) -3/4" Crushed Stone	CY	4	10%	4	0.410	\$ 72.00	\$ 29.52	\$ 32.50	\$ 62.02	\$ 262
			INFILTRATION										
118			10'-8" Wide x 5'-6" H Infiltration Trench -Storm tech Chamber SC-740 Or Equal (30" H) -SC-740 End Caps (8 EA) 3/4"-2" Angular Crushed Stone -18" Common Fill @ Top -ADS Geosynthetics 601T Non-Woven Geotextile All Around Clean, Crushed, Angular Stone	SF	1045	10%	1150	0.100	\$ 72.00	\$ 7.20	\$ 8.50	\$ 15.70	\$ 18,051
119			Infiltration Basin 1 (Detail Not Provided)	SF	4223	10%	4645	0.020	\$ 72.00	\$ 1.44	\$ 1.85	\$ 3.29	\$ 15,283
120			Infiltration Basin 2 (Detail Not Provided)	SF	2794	10%	3074	0.020	\$ 72.00	\$ 1.44	\$ 1.85	\$ 3.29	\$ 10,113
121			Pop-Up Emitter	EA	1	0%	1	0.400	\$ 72.00	\$ 28.80	\$ 18.50	\$ 47.30	\$ 47
			DELINEATED SOIL										
122			Wetlands Delineated By Karon Skinner Catrone	SF	25001	10%	27501	0.008	\$ 72.00	\$ 0.58	\$ 0.75	\$ 1.33	\$ 36,466
			RAIN GARDEN										
123			Rain Garden	SF	560								
124			4" Loam On Slopes	SF	394	10%	433	0.025	\$ 72.00	\$ 1.80	\$ 5.55	\$ 7.35	\$ 3,182
			24" Engineered Soil Mix	CY	12	10%	14	0.410	\$ 72.00	\$ 29.52	\$ 15.50	\$ 45.02	\$ 609
			ELECTRIC										
125			ETC: Electric, Tel-Data Duct Bank (2'-10"x2'-10") Concrete	LF	514								
126			4" Conduit (4 Primary & 2 Spare)	LF	3085	10%	3393	0.160	\$ 78.00	\$ 12.48	\$ 9.50	\$ 21.98	\$ 74,579
			EXCAVATION										
127			Excavation	CY	457	10%	503	0.325	\$ 50.00	\$ 16.25	\$ -	\$ 16.25	\$ 8,168
			BACKFILL										
128			Native Backfill	CY	314	10%	346	0.410	\$ 50.00	\$ 20.50	\$ -	\$ 20.50	\$ 7,092
			TRANSFORMER										
129			Transformer -Detail Not Provided	EA	3	0%	3	18.500	\$ 78.00	\$ 1,443.00	\$ 8,500.00	\$ 9,943.00	\$ 29,829
			<i>Note: Quantities are Multiplied</i>										
			SUBTOTAL										\$ 491,754

PROJECTED COST												\$844,632		
OVERHEAD AND PROFIT													20%	\$168,926
INSURANCE													3%	\$25,339
CONTINGENCY													5%	\$42,232
TAX													6.25%	\$25,105
SUGGESTED BID												\$1,106,234		

Notes: