

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name: SITEWORK SAMPLE  
 Location:



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
<b>01. GENERAL CONDITIONS</b>													<b>\$0</b>
<b>GENERAL CONDITIONS</b>													
1		Permit	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
2		Supervision	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
3		Final Cleanup	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
4		Mobilization Cost	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
5		Project Overheads	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
6		Bonds	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
7		Fees (Architect & Engineer)	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
8		Temporary Control & Facilities	1.0	0%	1.0	LS	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>32. EXTERIOR IMPROVEMENT</b>													<b>\$878,278</b>
<b>CONCRETE PAVEMENT &amp; ACCESSORIES</b>													
9		4" Thick Concrete Pavement w/ #4 Bar's @ 24" oc Both Ways Over 2" Thick Leveled, Washed Concrete Sand Base	5499.0	5%	5774.0	SF	\$ 7.75	\$ 44,748	\$ 8.88	\$ 51,273	\$ 96,021		
10		4" Thick Concrete Sidewalk Over 4" Thick Aggregate Base Course Color: Natural Gray, Finish: Top-Cast OS	9743.6	5%	10230.7	SF	\$ 7.85	\$ 80,311	\$ 8.90	\$ 91,054	\$ 171,365		
11		24"x24" Porcelain Pavers On Pedestals, Color: Rustic Maple	3813.1	5%	4003.8	SF	\$ 7.06	\$ 28,267	\$ 6.85	\$ 27,438	\$ 55,704		
12		24"x24" Porcelain Pavers On Pedestal, Color: Terrazzo White Mix	1842.2	5%	1934.3	SF	\$ 7.06	\$ 13,656	\$ 6.85	\$ 13,255	\$ 26,911		
13		24"x24" Porcelain Pavers On Pedestals, Color: Flat Ash	431.7	5%	453.3	SF	\$ 7.06	\$ 3,200	\$ 6.85	\$ 3,106	\$ 6,307		
14		24"x24" Porcelain Pavers On Pedestal, Color: Terrazzo White	1462.6	5%	1535.7	SF	\$ 7.06	\$ 10,842	\$ 6.85	\$ 10,524	\$ 21,367		
15		4" Wide Concrete Curb - VIF	153.3	5%	161.0	LF	\$ 10.00	\$ 1,610	\$ 14.00	\$ 2,253	\$ 3,863		
16		8" Wide Concrete Curb - VIF	169.7	5%	178.2	LF	\$ 12.00	\$ 2,139	\$ 16.00	\$ 2,852	\$ 4,990		
17		9" Wide Concrete Curb & Gutter - VIF	452.5	5%	475.1	LF	\$ 14.00	\$ 6,651	\$ 18.00	\$ 8,552	\$ 15,203		
<b>PAVEMENT MARKING</b>													
18		12" Wide Arrow Sign (10'-0" Long)	4.0	0%	4.0	EA	\$ 275.00	\$ 1,100	\$ 145.00	\$ 580	\$ 1,680		
19		3" Wide C Litter Striping	8.0	0%	8.0	EA	\$ 222.00	\$ 1,776	\$ 102.00	\$ 816	\$ 2,592		
<b>EROSION &amp; SEDIMENT CONTROL</b>													
20		Stockpile Area	204.3	5%	214.5	SF	\$ -	\$ -	\$ 1.54	\$ 330	\$ 330		
21		Stabilized Construction Entrance	330.1	5%	346.6	SF	\$ 4.32	\$ 1,497	\$ 4.24	\$ 1,468	\$ 2,965		
22		2 Bags High Sand Bag Barrier	1019.4	5%	1070.4	LF	\$ 5.60	\$ 5,994	\$ 3.47	\$ 3,709	\$ 9,703		
23		2 Rows High Sand Or Gravel Bags	245.6	5%	257.5	LF	\$ 5.60	\$ 1,444	\$ 3.47	\$ 893	\$ 2,337		
24		Temporary Construction Fence	1029.2	5%	1080.7	LF	\$ 5.00	\$ 5,403	\$ 15.40	\$ 16,642	\$ 22,046		
25		Sediment Trapping Device	1.0	0%	1.0	EA	\$ 173.00	\$ 173	\$ 197.12	\$ 197	\$ 370		
26		10'-4"x6'-0" Tire Wash Rack	1.0	0%	1.0	EA	\$ 2,105.00	\$ 2,105	\$ 1,193.50	\$ 1,194	\$ 3,299		
<b>FENCES &amp; GATE</b>													
27		Dimension: 10'-4"x7'-0". Type: Temporary Construction Gate	1.0	0%	1.0	EA	\$ 567.63	\$ 568	\$ 409.64	\$ 410	\$ 977		
<b>LANDSCAPING</b>													
<b>TREES</b>													
28		Botanical Name: Magnolia Grandiflora Little Gem, Common Name: Little Gem Magnolia, Size: 24" Box	4.0	0%	4.0	EA	\$ 399.00	\$ 1,596	\$ 217.75	\$ 871	\$ 2,467		
29		Botanical Name: Arbutus Marina, Common Name: Strawberry Tree, Size: 36" Box	4.0	0%	4.0	EA	\$ 74.95	\$ 300	\$ 178.10	\$ 712	\$ 1,012		
30		Botanical Name: Citrus Species, Common Name: Citrus Trees, Size: 24" Box	4.0	0%	4.0	EA	\$ 79.95	\$ 320	\$ 180.05	\$ 720	\$ 1,040		
31		Botanical Name: Laurus Nobilis, Common Name: Sweet Bay, Size: 36" Box	1.0	0%	1.0	EA	\$ 43.75	\$ 44	\$ 120.25	\$ 120	\$ 164		
32		Botanical Name: Ligustrum Japonicum Texanum, Common Name: Wax-Leaf Privet Tree, Size: 24" Box	9.0	0%	9.0	EA	\$ 279.00	\$ 2,511	\$ 204.75	\$ 1,843	\$ 4,354		
33		Botanical Name: Laurus Nobilis, Common Name: Sweet Bay, Size: 24" Box	1.0	0%	1.0	EA	\$ 37.50	\$ 38	\$ 111.80	\$ 112	\$ 149		
34		Botanical Name: Olea Europaea 'Swan Hill', Common Name: Swan Hill Olive, Size: 36" Box	1.0	0%	1.0	EA	\$ 76.75	\$ 77	\$ 178.75	\$ 179	\$ 256		
35		Botanical Name: Cercidium 'Desert Museum', Common Name: Palo Verde, Size: 36" Box	2.0	0%	2.0	EA	\$ 65.99	\$ 132	\$ 162.50	\$ 325	\$ 457		
36		Botanical Name: Dracaena Draco', Common Name: Dragon Tree, Size: 24" Box	3.0	0%	3.0	EA	\$ 119.00	\$ 357	\$ 187.85	\$ 564	\$ 921		
37		6'-0"x4'-0" Tree Well	9.0	0%	9.0	EA	\$ -	\$ -	\$ 325.00	\$ 2,925	\$ 2,925		
<b>SHRUBS</b>													
38		Botanical Name: Berberis Thunbergii 'Atropurpurea Nana, Common Name: Crimson Pymy Japanese Barberry, Size: 5 GAL @ 24" oc	71.0	0%	71.0	EA	\$ 39.99	\$ 2,839	\$ 62.40	\$ 4,430	\$ 7,270		
39		Botanical Name: Anigonanthos Big Red, Common Name: Red Kangaroo Paw, Size: 5 GAL @ 24" oc	28.0	0%	28.0	EA	\$ 65.00	\$ 1,820	\$ 79.95	\$ 2,239	\$ 4,059		
40		Botanical Name: Dianella Tasmania 'Variegata', Common Name: Variegated Flax Lily, Size: 5 GAL @ 24" oc	66.0	0%	66.0	EA	\$ 72.30	\$ 4,772	\$ 87.75	\$ 5,792	\$ 10,563		
41		Botanical Name: Pottosporum Tobira 'Cream De Mint', Common Name: Cream De Mint Mock Orange, Size: 5 GAL @ 36" oc	31.0	0%	31.0	EA	\$ 28.75	\$ 891	\$ 59.80	\$ 1,854	\$ 2,745		
42		Botanical Name: Dietes Bicolor, Common Name: Fortnight Lily, Size: 5 GAL @ 24" oc	14.0	0%	14.0	EA	\$ 24.99	\$ 350	\$ 55.25	\$ 774	\$ 1,123		
43		Botanical Name: Podocarpus Henkelii, Common Name: Long-Leafed Yellowwood, Size: 15 GAL @ 48" oc	17.0	0%	17.0	EA	\$ 128.75	\$ 2,189	\$ 100.10	\$ 1,702	\$ 3,890		
44		Botanical Name: Lavandula Stoechas, Common Name: Spanish Lavender, Size: 5 GAL @ 24" oc	6.0	0%	6.0	EA	\$ 28.75	\$ 173	\$ 59.80	\$ 359	\$ 531		
45	C2.1/L3.14	Botanical Name: Teucrium X Lucidrys, Common Name: Wall Germander, Size: 5 GAL @ 24" oc	30.0	0%	30.0	EA	\$ 29.99	\$ 900	\$ 63.05	\$ 1,892	\$ 2,791		
46		Botanical Name: Olea Europaea 'Montra', Common Name: Little Olive, Size: 15 GAL @ 36" oc	14.0	0%	14.0	EA	\$ 89.00	\$ 1,246	\$ 94.90	\$ 1,329	\$ 2,575		
47		Botanical Name: Lavandula Dentata, Common Name: French Lavender, Size: 15 GAL @ 36" oc	28.0	0%	28.0	EA	\$ 75.00	\$ 2,100	\$ 92.95	\$ 2,603	\$ 4,703		
48		Botanical Name: Salvia Greii 'Alba', Common Name: White Autumn Sage, Size: 15 GAL @ 24" oc	8.0	0%	8.0	EA	\$ 94.10	\$ 753	\$ 97.50	\$ 780	\$ 1,533		
49		Botanical Name: Cistus Salviifolius 'Prostratus', Common Name: Sage Leaf Rockrose, Size: 15 GAL @ 36" oc	8.0	0%	8.0	EA	\$ 145.20	\$ 1,162	\$ 103.35	\$ 827	\$ 1,988		
50		Botanical Name: Rosa Floribunda 'White', Common Name: White Roses, Size: 15 GAL @ 36" oc	6.0	0%	6.0	EA	\$ 69.99	\$ 420	\$ 83.85	\$ 503	\$ 923		
51		Botanical Name: Aloe Striata, Common Name: Coral Aloe, Size: 5 GAL @ 24" oc	12.0	0%	12.0	EA	\$ 24.99	\$ 300	\$ 55.25	\$ 663	\$ 963		
52		Botanical Name: Trachelospermum Jasminoides, Common Name: Star Jasmine, Size: 15 GAL @ 24" oc	8.0	0%	8.0	EA	\$ 279.00	\$ 2,232	\$ 122.20	\$ 978	\$ 3,210		
53		Botanical Name: Teucrium X Lucidrys, Common Name: Wall Germander, Size: 5 GAL @ 24" oc	4.0	0%	4.0	EA	\$ 39.99	\$ 160	\$ 62.40	\$ 250	\$ 410		
54		Botanical Name: Bougainvillea 'La Jolia', Common Name: Red Bush Bougainvillea, Size: 5 GAL @ 48" oc	18.0	0%	18.0	EA	\$ 59.99	\$ 1,080	\$ 74.75	\$ 1,346	\$ 2,425		
55		Botanical Name: Bougainvillea Rosenka, Common Name: Gold-Pink Bush Bougainvillea, Size: 5 GAL @ 48" oc	26.0	0%	26.0	EA	\$ 119.99	\$ 3,120	\$ 98.80	\$ 2,569	\$ 5,689		
<b>CLIMBING COVERS</b>													
56		Botanical Name: Trachelospermum Jasminoides, Common Name: Star Jasmine, Size: 15 GAL @ 24" oc	38.2	5%	40.1	SF	\$ 2.60	\$ 104	\$ 5.53	\$ 222	\$ 326		
57		Botanical Name: Lantana Monteverdensis, Common Name: White Trailing Lantana, Size: 5 GAL 48" oc	1098.7	5%	1153.6	SF	\$ 1.66	\$ 1,915	\$ 7.15	\$ 8,248	\$ 10,163		
58		Botanical Name: Lantana Monteverdensis, Common Name: Purple Trailing Lantana, Size: 5 GAL @ 48" oc	1481.5	5%	1555.6	SF	\$ 3.32	\$ 5,164	\$ 10.08	\$ 15,672	\$ 20,837		
<b>POTTERY</b>													
59		1-24" Box Phonix Roebelenii (Duble Trunk, 18" & 24" BTH) w/ 8-4" ots Echeveria Secunda, Model: SL3630, Finish: Matte	3.0	0%	3.0	EA	\$ 307.00	\$ 921	\$ 105.95	\$ 318	\$ 1,239		

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
60		1-15 GAL Phormium Seuffer, Model: RL722424, Finish: Matte	6.0	0%	6.0	EA	\$ 99.00	\$ 594	\$ 91.65	\$ 550	\$ 1,144		
61		3-5 GAL Lavandula Angustifolia 'Martha Roderick', Model: RL722424, Finish: Matte	4.0	0%	4.0	EA	\$ 21.99	\$ 88	\$ 55.25	\$ 221	\$ 309		
62		1-15 GAL Cordyline Australis 'Red Sensation' w/ 8-4" Pots Echeveria 'Afterglow', Model: PCL3632, Finish: Matte	3.0	0%	3.0	EA	\$ 173.20	\$ 520	\$ 101.40	\$ 304	\$ 824		
63		1-5 GAL Agave Attenuata w/ 2-1 Gal. Senecio Mandraliscae, Finish: Matte	2.0	0%	2.0	EA	\$ 49.84	\$ 100	\$ 63.05	\$ 126	\$ 226		
64		1-15 GAL Dracaena Draco (Single Trunk, 24" BTH) w/ 4-1 GAL. Senecio Mandraliscae, Finish: Matte	1.0	0%	1.0	EA	\$ 178.05	\$ 178	\$ 102.05	\$ 102	\$ 280		
65		1-15 GLA Citrus Species And 4-1 GAL. Dichondra Argenta, Finish: Matte	3.0	0%	3.0	EA	\$ 175.40	\$ 526	\$ 99.45	\$ 298	\$ 825		
<b>PLANTERS</b>													
66		Total Planter Area	4997.0	5%	5246.8	SF	\$ 11.30	\$ 59,289	\$ 4.28	\$ 22,456	\$ 81,745		
<b>PLANTER MATERIALS</b>													
67		Protective Board	6671.3	5%	7004.8	SF	\$ 2.65	\$ 18,563	\$ 2.28	\$ 15,936	\$ 34,499		
68		Waterproofing	6671.3	5%	7004.8	SF	\$ 1.22	\$ 8,546	\$ 1.75	\$ 12,258	\$ 20,804		
69		HDPE Root Barrier	6671.3	5%	7004.8	SF	\$ 2.53	\$ 17,744	\$ 0.98	\$ 6,830	\$ 24,574		
70		Filter Fabric	6671.3	5%	7004.8	SF	\$ 0.25	\$ 1,751	\$ 0.39	\$ 2,732	\$ 4,483		
71		4" Thick Concrete Topping Slab	53.0	5%	55.7	CY	\$ 425.00	\$ 23,686	\$ 320.00	\$ 17,834	\$ 41,521		
72		6" Thick Poured In Place Concrete Planter Wall (4'-0" High)	20.0	5%	21.0	CY	\$ 425.00	\$ 8,913	\$ 320.00	\$ 6,711	\$ 15,624		
73		6" Thick Poured In Place Concrete Planter Wall (3'-6" High)	5.0	5%	5.2	CY	\$ 425.00	\$ 2,219	\$ 320.00	\$ 1,671	\$ 3,890		
74		6" Thick Poured In Place Concrete Planter Wall (2'-0" High)	8.8	5%	9.3	CY	\$ 425.00	\$ 3,934	\$ 320.00	\$ 2,962	\$ 6,895		
75		6" Thick CMU Block Planter Wall (1'-8" High)	505.4	5%	530.7	SF	\$ 4.75	\$ 2,521	\$ 11.00	\$ 5,838	\$ 8,358		
76		Stucco Finish At Planter Wall w/ Sreced Base	2328.5	5%	2444.9	SF	\$ 2.22	\$ 5,428	\$ 3.85	\$ 9,413	\$ 14,840		
77		Agromin Light Weight Soil Blend	480.0	5%	504.0	CY	\$ 25.92	\$ 13,064	\$ 97.50	\$ 49,140	\$ 62,204		
<b>SITE FURNISHES</b>													
78		30" Long Bicycle Rack	13.0	0%	13.0	EA	\$ 156.41	\$ 2,033	\$ 113.10	\$ 1,470	\$ 3,504		
<b>SHORING</b>												<b>\$1,969,446</b>	
<b>CONCRETE FOR FOUNDATION</b>													
79		24" Dia Concrete Shaft File (6'-0" Deep)	17.4	5%	18.3	CY	\$ 425.00	\$ 7,785	\$ 320.00	\$ 5,861	\$ 13,646		
80		24" Dia Concrete Shaft File (7'-0" Deep)	20.4	5%	21.4	CY	\$ 425.00	\$ 9,082	\$ 320.00	\$ 6,838	\$ 15,920		
81	SS3.0/SS3.1	24" Dia Concrete Shaft File (11'-0" Deep)	46.1	5%	48.4	CY	\$ 425.00	\$ 20,551	\$ 320.00	\$ 15,474	\$ 36,025		
82		24" Dia Concrete Shaft File (12'-0" Deep)	18.1	5%	19.0	CY	\$ 425.00	\$ 8,096	\$ 320.00	\$ 6,096	\$ 14,192		
83		24" Dia Concrete Shaft File (13'-0" Deep)	22.7	5%	23.8	CY	\$ 425.00	\$ 10,120	\$ 320.00	\$ 7,620	\$ 17,740		
84		24" Dia Concrete Shaft File (14'-0" Deep)	26.1	5%	27.4	CY	\$ 425.00	\$ 11,625	\$ 320.00	\$ 8,753	\$ 20,378		
<b>STEEL SECTION IN FILES</b>													
85		W16x40 Column, 24'-0" High	17280.0	5%	18144.0	LBS	\$ 2.85	\$ 51,710	\$ 2.20	\$ 39,917	\$ 91,627		
86		W16x45 Column, 23'-0" High	8280.0	5%	8694.0	LBS	\$ 2.85	\$ 24,778	\$ 2.20	\$ 19,127	\$ 43,905		
87		W16x45 Column, 24'-0" High	30240.0	5%	31752.0	LBS	\$ 2.85	\$ 90,493	\$ 2.20	\$ 69,854	\$ 160,348		
88		W16x45 Column, 23'-0" High	34875.0	5%	36618.8	LBS	\$ 2.85	\$ 104,363	\$ 2.20	\$ 80,561	\$ 184,925		
89		W16x50 Column, 26'-0" High	37700.0	5%	39585.0	LBS	\$ 2.85	\$ 112,817	\$ 2.20	\$ 87,087	\$ 199,904		
90		W21x101 Column, 26'-0" High	7878.0	5%	8271.9	LBS	\$ 2.85	\$ 23,575	\$ 2.20	\$ 18,198	\$ 41,773		
91		W21x101 Column, 27'-0" High	29997.0	5%	31496.9	LBS	\$ 2.85	\$ 89,766	\$ 2.20	\$ 69,293	\$ 159,059		
92		W21x147 Column, 27'-0" High	7938.0	5%	8334.9	LBS	\$ 2.85	\$ 23,754	\$ 2.20	\$ 18,337	\$ 42,091		
<b>STEEL SECTIONS FOR SHORING</b>													
93		12" Dia Standard Raker	1995.8	5%	2095.6	LF	\$ 95.13	\$ 199,346	\$ 52.20	\$ 109,390	\$ 308,736		
94		8" Dia Standard Pipe	21.6	5%	22.7	LF	\$ 59.71	\$ 1,356	\$ 45.26	\$ 1,028	\$ 2,384		
95		10" Dia Standard Pipe	22.2	5%	23.4	LF	\$ 76.24	\$ 1,780	\$ 54.67	\$ 1,277	\$ 3,057		
96		12" Dia Standard Pipe	20.2	5%	21.2	LF	\$ 95.13	\$ 2,017	\$ 69.04	\$ 1,464	\$ 3,480		
97		1-5/8" Dia Tie Back w/ 41'-0" Bonded Length, 66'-0" Total Length	11.0	0%	11.0	EA	\$ 429.00	\$ 4,719	\$ 386.96	\$ 4,257	\$ 8,976		
98		1-5/8" Dia Tie Back w/ 39'-0" Bonded Length, 65'-0" Total Length	18.0	0%	18.0	EA	\$ 422.50	\$ 7,605	\$ 381.10	\$ 6,860	\$ 14,465		
99	SS3.0/SS3.1	1-5/8" Dia Tie Back w/ 36'-0" Bonded Length, 63'-0" Total Length	17.0	0%	17.0	EA	\$ 409.50	\$ 6,962	\$ 369.37	\$ 6,279	\$ 13,241		
<b>STEEL BRACING</b>													
100		3/4" Stiffener Plate	165.0	0%	165.0	EA	\$ 85.76	\$ 14,150	\$ 110.70	\$ 18,266	\$ 32,416		
101		1" Stiffener Plate	11.0	0%	11.0	EA	\$ 114.35	\$ 1,258	\$ 124.64	\$ 1,371	\$ 2,629		
102		3/4" Knife Plate	130.0	0%	130.0	EA	\$ 85.76	\$ 11,149	\$ 110.70	\$ 14,391	\$ 25,540		
103		3/4" Bearing Plate	66.0	0%	66.0	EA	\$ 85.76	\$ 5,660	\$ 110.70	\$ 7,306	\$ 12,966		
104		1" Thick Plate (24" Dia)	66.0	0%	66.0	EA	\$ 89.65	\$ 5,917	\$ 114.80	\$ 7,577	\$ 13,494		
105		8'x9'x2" Bearing Plate	46.0	0%	46.0	EA	\$ 114.35	\$ 5,260	\$ 115.62	\$ 5,319	\$ 10,579		
106		7'x7'x2-1/4" Top Plate	46.0	0%	46.0	EA	\$ 87.55	\$ 4,027	\$ 112.34	\$ 5,168	\$ 9,195		
107		1/2" Weld A	46.0	0%	46.0	EA	\$ 15.00	\$ 690	\$ 43.05	\$ 1,980	\$ 2,670		
108		1/4" Weld B	85.0	0%	85.0	EA	\$ 7.50	\$ 638	\$ 21.53	\$ 1,830	\$ 2,467		
109		5/16" Weld B	45.0	0%	45.0	EA	\$ 9.38	\$ 422	\$ 26.91	\$ 1,211	\$ 1,633		
110		2-3/4"x3/4"x30" Doubler Plate	85.0	0%	85.0	EA	\$ 98.27	\$ 8,353	\$ 123.00	\$ 10,455	\$ 18,808		
111		3-1/2"x3/4"x30" Doubler Plate	29.0	0%	29.0	EA	\$ 125.07	\$ 3,627	\$ 131.20	\$ 3,805	\$ 7,432		
112		6'x1"x60" Doubler Plate	14.0	0%	14.0	EA	\$ 190.58	\$ 2,668	\$ 282.08	\$ 3,949	\$ 6,617		
113		9'x1"x60" Doubler Plate	2.0	0%	2.0	EA	\$ 428.81	\$ 858	\$ 301.76	\$ 604	\$ 1,461		
114		L5'x3'x5/16" Angle At Each End Of Web	260.0	0%	260.0	EA	\$ 88.00	\$ 22,880	\$ 51.25	\$ 13,325	\$ 36,205		
115		L8'x6'x1/2" Angle At Corners	12.0	0%	12.0	EA	\$ 65.60	\$ 787	\$ 42.72	\$ 513	\$ 1,300		
<b>SPECIAL FOUNDATION &amp; LOAD BEARING ELEMENTS</b>													
116		4x12 Pressure Treated Wood Lagging	25258.3	5%	26521.2	LF	\$ 8.65	\$ 229,408	\$ 5.58	\$ 147,882	\$ 377,290		
117		Waterproofing - By Other (VIF)	25258.3	5%	26521.2	SF	\$ -	\$ -	\$ 0.41	\$ 10,874	\$ 10,874		
<b>33. UTILITIES</b>												<b>\$290,892</b>	
<b>DRAINAGE</b>													
118		12" Wide Drain	20.7	5%	21.7	LF	\$ 191.63	\$ 4,167	\$ 52.80	\$ 1,148	\$ 5,315		
119		4" Dia PVC Drain	138.0	5%	144.9	LF	\$ 10.35	\$ 1,500	\$ 17.60	\$ 2,550	\$ 4,050		
120		4" Dia NDS #90 Slip-On Atrium Drain Grate, Black Plastic	46.0	0%	46.0	EA	\$ 19.00	\$ 874	\$ 26.40	\$ 1,214	\$ 2,088		
121		3'x17" Curb-O-Let Parkway Drain	42.5	5%	44.6	LF	\$ 8.55	\$ 381	\$ 15.84	\$ 707	\$ 1,088		
122		6" Dia VCP Sewer Line	294.3	5%	309.0	LF	\$ 12.50	\$ 3,863	\$ 19.36	\$ 5,983	\$ 9,845		
123		Temporary 3" Dia Flexible PVC Pipe	377.7	5%	396.5	LF	\$ 7.76	\$ 3,079	\$ 13.20	\$ 5,234	\$ 8,313		
124		Connect Existing Sewer Line To New VCP Sewer Line	8.0	0%	8.0	EA	\$ 10.30	\$ 82	\$ 44.00	\$ 352	\$ 434		
125		6" VCP Sewer Line To Building Point Of Connection	6.0	0%	6.0	EA	\$ 58.00	\$ 348	\$ 75.59	\$ 454	\$ 802		
126		24"x24" Brooks Catch Basin	2.0	0%	2.0	EA	\$ 513.33	\$ 1,027	\$ 585.20	\$ 1,170	\$ 2,197		
<b>IRRIGATION</b>													
127		8" Dia PVC Fire Water Service	16.5	5%	17.3	LF	\$ 20.70	\$ 358	\$ 35.20	\$ 609	\$ 967		
128		4" Dia PVC Water Line	81.4	5%	85.5	LF	\$ 10.35	\$ 885	\$ 17.60	\$ 1,504	\$ 2,389		
129		3" Dia Perforated Pipe	207.0	5%	217.4	LF	\$ 7.76	\$ 1,688	\$ 13.20	\$ 2,869	\$ 4,557		
130		1-1/2" Dia Water Line	129.2	5%	135.6	LF	\$ 33.59	\$ 4,556	\$ 30.49	\$ 4,136	\$ 8,692		
131		1-1/2" Dia Copper Brass Mainline	151.3	5%	158.8	LF	\$ 33.59	\$ 5,336	\$ 30.49	\$ 4,843	\$ 10,179		
132		1-1/2" Dia White PVC Irrigation Pressure Mainline	147.6	5%	155.0	LF	\$ 3.88	\$ 602	\$ 6.60	\$ 1,023	\$ 1,625		
133		1" Dia Purple Or White SCH. 40 PVC Non Pressure Lateral Line	1493.8	5%	1568.4	LF	\$ 2.59	\$ 4,059	\$ 4.40	\$ 6,901	\$ 10,960		
134		1" Dia White Or Purple SCH. 40 PVC Pipe Slewing	864.6	5%	907.9	LF	\$ 2.59	\$ 2,350	\$ 4.40	\$ 3,995	\$ 6,344		
135		1" Dia White PVC Irrigation Pressure Mainline	443.2	5%	465.3	LF	\$ 2.59	\$ 1,204	\$ 4.40	\$ 2,047	\$ 3,252		
136		1" Dia SCH. 40 PVC Wire Slewing/Wire Conduit	332.1	5%	348.7	LF	\$ 2.59	\$ 902	\$ 4.40	\$ 1,534	\$ 2,437		
137		3/4" Dia Water Line Between On-Structure Planters	528.9	5%	555.3	LF	\$ 1.94	\$ 1,078	\$ 3.96	\$ 2,199	\$ 3,277		
138		Sub Surface Drip Lines	4077.8	5%	4281.7	LF	\$ 2.59	\$ 11,081	\$ 4.40	\$ 18,839	\$ 29,921		
139		3" Dia NDS Spec-D Basin	23.0	0%	23.0	EA	\$ 51.00	\$ 1,173	\$ 84.48	\$ 1,943	\$ 3,116		
140		24" Dia On Structure Deck Drain	7.0	0%	7.0	EA	\$ 315.00	\$ 2,205	\$ 233.20	\$ 1,632	\$ 3,837		
141		Pre-Treatment System (CDS Unit)	1.0	0%	1.0	EA	\$ 5,255.00	\$ 5,255	\$ 2,200.00	\$ 2,200	\$ 7,455		

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
152		1" Dia Drip Zone Valve Kit w/ Pressure Regulating Filter (40 PSI And 150 Mesh), MFR: Hunter ICZ-101-LF-40-R	9.0	0%	9.0	EA	\$ 169.00	\$ 1,521	\$ 136.40	\$ 1,228	\$ 2,749		
153		Hunter WSS Wireless Solar Sync Weather Sensor	29.0	0%	29.0	EA	\$ 149.45	\$ 4,334	\$ 119.68	\$ 3,471	\$ 7,805		
154		0.25 PH Root Watering System w/ Purple Grate, MFR: Rain Bird RWS-M-B-1402-C	17.0	0%	17.0	EA	\$ 47.11	\$ 801	\$ 86.24	\$ 1,466	\$ 2,267		
155		Smart Weather Based Et-Controller MFR: Hunter Acc2 A2c-1200-P + A2m-Wifi	1.0	0%	1.0	EA	\$ 1,608.94	\$ 1,609	\$ 503.36	\$ 503	\$ 2,112		
156		Reduced Pressure Backflow Preventer MFR: Febco LF825YA Series	1.0	0%	1.0	EA	\$ 1,844.39	\$ 1,844	\$ 587.84	\$ 588	\$ 2,432		
157		Two Piece Bronze Ball Valve - Full Port MFR: Nibco T-S80-70	5.0	0%	5.0	EA	\$ 104.23	\$ 521	\$ 96.80	\$ 484	\$ 1,005		
158		Ultrasonic Flow Sensor In Sch. 80 PVC Tee MFR: Fiome Qs-2000-10 Series	2.0	0%	2.0	EA	\$ 407.00	\$ 814	\$ 378.40	\$ 757	\$ 1,571		
159		Brass Master Control Valve - Normally Closed MFR: Superior 3000-100-RW Series	2.0	0%	2.0	EA	\$ 2,770.93	\$ 5,542	\$ 756.80	\$ 1,514	\$ 7,055		
160		Electric Control Valve (For Non-Drip System) MFR: Hunter-ICV-101G-FS-R Series	3.0	0%	3.0	EA	\$ 169.67	\$ 509	\$ 162.80	\$ 488	\$ 997		
161		3-Way Valve To Switch Between Totable And Cistern Water	1.0	0%	1.0	EA	\$ 155.00	\$ 155	\$ 185.68	\$ 186	\$ 341		
162		Field Fabrication Manual Flush Valve / Operation Indicator Assembly	13.0	0%	13.0	EA	\$ 128.10	\$ 1,665	\$ 96.80	\$ 1,258	\$ 2,924		
163		1" Dia Irrigation Water Meter	1.0	0%	1.0	EA	\$ 227.63	\$ 228	\$ 252.56	\$ 253	\$ 480		
164		45 Degree Fittings	2.0	0%	2.0	EA	\$ 17.40	\$ 35	\$ 39.60	\$ 79	\$ 114		
		<b>PUMPS</b>											
165		Cistern Pump	1.0	0%	1.0	EA	\$ 1,285.00	\$ 1,285	\$ 498.08	\$ 498	\$ 1,783		
166		Sump Pump	6.0	0%	6.0	EA	\$ 2,055.00	\$ 12,330	\$ 614.24	\$ 3,685	\$ 16,015		
		<b>RAINWATER HARVESTING</b>											
167		Rainwater Harvesting Structure - VIF	436.2	5%	458.0	SF	\$ 115.00	\$ 52,674	\$ 74.80	\$ 34,261	\$ 86,934		

<b>SUB TOTAL</b>													<b>\$3,138,616</b>
<b>OVERHEAD</b>		10%											<b>\$ 313,862</b>
<b>PROFIT</b>		10%											<b>\$ 313,862</b>
<b>INSURANCE</b>		1%											<b>\$ 31,386</b>
<b>CONTINGENCY</b>		2%											<b>\$ 62,772</b>
<b>NET TOTAL</b>													<b>\$ 3,860,498</b>