



SR #	DWG. NO.	DETAIL NO.	CSI NO	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT LABOR	UNIT MATERIAL	UNIT COST	LABOR SUB TOTAL	MATERIAL SUB TOTAL	TOTAL COST	SUB TOTALS
01 00 00 GENERAL CONDITIONS															
1				Final & Daily Cleanup	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000	
2				Project Planning, Coordination & Layout	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,000	
				Sub Total											\$ 23,000
02 00 00 EXISTING CONDITION															
DEMOLITION															
3	C1.1	Demolition Keynotes/C1.1		D1 : Existing Asphalt To Be Removed	1175	0%	1175	SF	\$ 1.00	\$ -	\$ 1.0	\$ 1,175	\$ -	\$ 1,175	
4	C1.1	Demolition Keynotes/C1.1		D5 : Limits Of Sawcut & Full Depth Pavement Removal	111	0%	111	LF	\$ 3.10	\$ -	\$ 3.1	\$ 344	\$ -	\$ 344	
5	C1.1	Demolition Keynotes/C1.1		D1 : Area Consisting Trees To Be Removed	3082	0%	3082	SF	\$ 1.50	\$ -	\$ 1.5	\$ 4,622	\$ -	\$ 4,622	
6	C1.1	Demolition Keynotes/C1.1		D6 : Existing Structure To Be Protected During Demolition & Construction Phase	11	0%	11	EA	\$ 200.00	\$ -	\$ 200.0	\$ 2,200	\$ -	\$ 2,200	
7	C1.1	Demolition Keynotes/C1.1		D7 : Existing Trees To Be Protected	6104	0%	6104	SF	\$ 0.65	\$ -	\$ 0.7	\$ 3,967	\$ -	\$ 3,967	
8	C1.1	Demolition Keynotes/C1.1		D8 : Contractor To Coordinate W/ Local Water Sewer Department For Removal &/Or Point Of Connection	1	0%	1	EA	\$ 100.00	\$ -	\$ 100.0	\$ 100	\$ -	\$ 100	
9	C1.1	Demolition Keynotes/C1.1		D9 : Contractor To Coordinate W/ Local Sanitary Sewer Department For Removal &/Or Point Of Connection	1	0%	1	EA	\$ 100.00	\$ -	\$ 100.0	\$ 100	\$ -	\$ 100	
10	C1.1	Demolition Keynotes/C1.1		D9 : Contractor To Coordinate W/ Local Telephone Company For Removal &/Or Point Of Connection	1	0%	1	EA	\$ 100.00	\$ -	\$ 100.0	\$ 100	\$ -	\$ 100	
11	C1.1	Demolition Keynotes/C1.1		D12 : Contractor To Coordinate W/ Local Gas Company For Removal &/Or Point Of Connection	1	0%	1	EA	\$ 100.00	\$ -	\$ 100.0	\$ 100	\$ -	\$ 100	
HAULING OF MATERIAL															
12	C1.1	Demolition Keynotes/C1.1		Hauling Of Material (Disposing Of Material)	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	
				Sub Total											\$ 13,708
31 00 00 EARTHWORK															
GRADING															
13	C3	Contours/C3		0.5' Fill	692	10%	761	CY	\$ 10.00	\$ -	\$ 10.0	\$ 7,610	\$ -	\$ 7,610	
14	C3	Contours/C3		1' Fill	224	10%	247	CY	\$ 10.00	\$ -	\$ 10.0	\$ 2,467	\$ -	\$ 2,467	
15	C3	Contours/C3		1.5' Cut For Detention Pond	241	10%	265	CY	\$ 8.00	\$ -	\$ 8.0	\$ 2,119	\$ -	\$ 2,119	
16	C3	Contours/C3		Soil To Be Imported	675	10%	743	CY	\$ -	\$ 15.00	\$ 15.0	\$ -	\$ 11,144	\$ 11,144	
EROSION CONTROL															
SILT FENCE:															
17	C5,C5.1	Section Details/C5.2		36" H Silt Fence W/Woven Fabric & Post 32" Long Post Will Be 2"x2" Hardwood @ 10' O.C	1500	10%	1650	LF	\$ 2.05	\$ 1.25	\$ 3.3	\$ 3,383	\$ 2,063	\$ 5,445	
18	C5,C5.1	Section Details/C5.2		Trenching	19	10%	20	CY	\$ 8.00	\$ -	\$ 8.0	\$ 164	\$ -	\$ 164	
19	C5,C5.1	Section Details/C5.2		Backfilling	19	10%	20	CY	\$ 10.00	\$ -	\$ 10.0	\$ 205	\$ -	\$ 205	
TREE PROTECTION FENCING:															
20	C5,C5.1	Section Details/C5.2		5" H Chain Link Fence W/Wire & Steel Post 60" H @ 10' O.C	101	10%	111	LF	\$ 8.80	\$ 76.00	\$ 84.8	\$ 978	\$ 8,444	\$ 9,421	
21	C5,C5.1	Section Details/C5.2		Trenching	1	10%	1	CY	\$ 8.00	\$ -	\$ 8.0	\$ 11	\$ -	\$ 11	
22	C5,C5.1	Section Details/C5.2		Backfilling	1	10%	1	CY	\$ 10.00	\$ -	\$ 10.0	\$ 14	\$ -	\$ 14	
23	C5,C5.1	Section Details/C5.2		5" H Proposed High Visibility Fencing	232	10%	255	LF	\$ 8.80	\$ 72.00	\$ 80.8	\$ 2,246	\$ 18,374	\$ 20,620	
CONSTRUCTION ENTRANCE:															
24	C5,C5.1	Section Details/C5.2		8" Thk (1.5"-2.5") Stone Size W/ Geotextile Layer Stabilized Construction Entrance	232	10%	255	SF	\$ 1.25	\$ 2.50	\$ 3.8	\$ 319	\$ 638	\$ 957	
INLET PROTECTION:															
25	C5,C5.1	Section Details/C5.2		2x4 Wooden Frame Fence Woven Wire 14-1/2 Ga 6" Max Mesh Opening W/ Fabric	336	10%	370	LF	\$ 2.05	\$ 1.50	\$ 3.6	\$ 758	\$ 554	\$ 1,312	
STORAGE AREA:															
26	C5,C5.1	Section Details/C5.2		40' x 20' Temporary Storage Area	1	0%	1	EA	\$ 125.00	\$ 600.00	\$ 725.0	\$ 125	\$ 600	\$ 725	
STAGING AREA:															
27	C5,C5.1	Section Details/C5.2		Stabilized Staging Area	1103	10%	1213	SF	\$ 1.00	\$ 1.65	\$ 2.7	\$ 1,213	\$ 2,002	\$ 3,215	
RIPRAP:															
28	C5,C5.1	Section Details/C5.2		RIP RAP L5' Width 1' Rock Type C	1	0%	1	EA	\$ 1.00	\$ 100.00	\$ 101.0	\$ 1	\$ 100	\$ 101	
29	C5,C5.1	Section Details/C5.2		Rip Rap Pad	19	10%	21	SF	\$ 1.00	\$ 1.50	\$ 2.5	\$ 21	\$ 31	\$ 52	
CONCRETE WASHOUT:															
30	C5,C5.1	Section Details/C5.2		Straw Bale Staples Per 2 Bale W/Wooden Stake 10Mil Plastic Lining & Washout Sign	1	0%	1	EA	\$ 62.50	\$ 155.50	\$ 218.0	\$ 63	\$ 156	\$ 218	
SOIL PROTECTION:															
M/TS/DC															
31	C5,C5.1	Section Details/C5.2		Disturbed Area Stabilization W/Mulching,Temporary Seeding & Permanent Seeding	56407	10%	62048	SF	\$ 0.25	\$ 0.20	\$ 0.5	\$ 15,512	\$ 12,410	\$ 27,921	
32	C5,C5.1	Section Details/C5.2		SO Disturbed Area Stabilization W/Permanent Sodding	11076	10%	12184	SF	\$ 0.25	\$ 0.25	\$ 0.5	\$ 3,046	\$ 3,046	\$ 6,092	
TRENCHING															
33	C4.2 & C6	Plan Details/C4.2 & C6		Trenching For Piping	722	10%	794	CY	\$ 8.00	\$ -	\$ 8.0	\$ 6,352	\$ -	\$ 6,352	
34	C4.2 & C6	Plan Details/C4.2 & C6		Backfilling	675	10%	742	CY	\$ 10.00	\$ -	\$ 10.0	\$ 7,420	\$ -	\$ 7,420	
				Sub Total											\$ 113,585
32 00 00 EXTERIOR IMPROVEMENTS															
PAVING															
P3 : Concrete Sidewalk															
35	C1	Sectional Details/C7.0		6" Concrete W/6x6 W2.9xW2.9 WWF 6" Crushed Stone Subgraded Compacted	1178	10%	1296	SF	\$ 4.60	\$ 7.00	\$ 11.6	\$ 5,961	\$ 9,071	\$ 15,032	
P6 : Standard Duty Asphalt Paving															
36	C1	Sectional Details/C7.0		1.5" Hot Mix Asphalt Surface Coarse 2.5" Hot Mix Asphalt Binder Coarse 8" Aggregate Base W/Compacted Subgrade	16936	10%	18630	SF	\$ 2.50	\$ 4.50	\$ 7.0	\$ 46,575	\$ 83,834	\$ 130,409	
P7 : Trash Enclosure Concrete Paving															
37	C1	Sectional Details/C7.0		6" Concrete W/6x6 W2.9xW2.9 WWF 6" Crushed Stone Subgraded Compacted	384	10%	423	SF	\$ 4.60	\$ 7.00	\$ 11.6	\$ 1,945	\$ 2,960	\$ 4,906	
P8 : Standard Duty Concrete Paving															
38	C1	Sectional Details/C7.0		6" Concrete 4000 PSI W/6x6 W2.9xW2.9 WWF 6" Crushed Stone Subgraded Compacted	294	10%	324	SF	\$ 4.60	\$ 6.70	\$ 11.3	\$ 1,489	\$ 2,168	\$ 3,657	
CONCRETE RAMP															
P3 : Concrete Ramp															
39	C1	Sectional Details/C7.0		4" Concrete W/6x6 W2.9xW2.9 WWF 6" Crushed Stone Subgraded Compacted	60	10%	66	SF	\$ 4.60	\$ 6.70	\$ 11.3	\$ 304	\$ 442	\$ 746	
CURB & GUTTER															
40	C1	Sectional Details/C7.0		S1 : Curb & Gutter Per VIOC Standards Size: 6" x 12" & 24" x 6"	1121	10%	1233	LF	\$ 6.20	\$ 22.50	\$ 28.7	\$ 7,645	\$ 27,745	\$ 35,390	
BOLLARDS															
41	C1	Sectional Details/C7.0		S36 : Bollard C7.0 6" Scheduled 40 Steel Pipe Filled W/Concrete	4	0%	4	EA	\$ 1.00	\$ 325.00	\$ 326.0	\$ 4	\$ 1,300	\$ 1,304	
42	C1	Sectional Details/C7.0		2' Dia Concrete X 4' H	4	10%	4	CY	\$ 222.30	\$ 188.50	\$ 410.8	\$ 910	\$ 772	\$ 1,682	
43	C1	Sectional Details/C7.0		Excavation	4	10%	4	CY	\$ 16.25	\$ -	\$ 16.3	\$ 72	\$ -	\$ 72	
PAVEMENT MARKINGS															
44	C1	Sectional Details/C7.0		Right/Left Turn Only Pavement Marker Size: 1' x 4'-9" Radius	3	0%	3	EA	\$ 25.00	\$ 22.50	\$ 47.5	\$ 75	\$ 68	\$ 143	

45	C1	Sectional Details/C7.0	S26: Directional Traffic Arrow Size: 1' x 3'-9"	11	0%	11	EA	\$ 20.00	\$ 18.50	\$ 38.5	\$ 220	\$ 204	\$ 424	
46	C1	Sectional Details/C7.0	4" Wide Parking Stripes	115	10%	127	LF	\$ 0.90	\$ 1.25	\$ 2.2	\$ 114	\$ 159	\$ 273	
47	C1	Sectional Details/C7.0	Pavement Striping /Stop Bars	207	10%	228	LF	\$ 0.90	\$ 1.25	\$ 2.2	\$ 205	\$ 285	\$ 490	
48	C1	Sectional Details/C7.0	4" Wide No Parking Striping	96	10%	106	LF	\$ 0.90	\$ 1.25	\$ 2.2	\$ 95	\$ 132	\$ 227	
TRAFFIC CONTROL SIGNS														
49	C1	Sectional Details/C7.0	Accessible Parking Sign - Van Accessible Parking W/ Wooden Post Size Of Post: 4"x4"x10'	1	0%	1	EA	\$ 75.00	\$ 188.00	\$ 263.0	\$ 75	\$ 188	\$ 263	
50	C1	Sectional Details/C7.0	1'-6" Dia Concrete X 3' H	0.20	10%	0	CY	\$ 222.30	\$ 188.50	\$ 410.8	\$ 48	\$ 41	\$ 89	
51	C1	Sectional Details/C7.0	Excavation	0.20	0%	0	CY	\$ 16.50	\$ -	\$ 16.5	\$ 3	\$ -	\$ 3	
52	C1	Sectional Details/C7.0	4' Dia ADA White Symbol	1	0%	1	EA	\$ 20.00	\$ 20.50	\$ 40.5	\$ 20	\$ 21	\$ 41	
53	C1	Sectional Details/C7.0	S17 : Monument/ Pylon Sign	1	0%	1	EA	\$ 125.00	\$ 550.00	\$ 675.0	\$ 125	\$ 550	\$ 675	
54	C1	Sectional Details/C7.0	2' Dia Concrete X 4' H	1	10%	1	CY	\$ 222.30	\$ 188.50	\$ 410.8	\$ 228	\$ 193	\$ 420	
55	C1	Sectional Details/C7.0	Excavation	1	10%	1	CY	\$ 16.50	\$ -	\$ 16.5	\$ 17	\$ -	\$ 17	
56	C1	Sectional Details/C7.0	S66: Construction Camera Post	1	0%	1	EA	\$ 100.00	\$ 850.00	\$ 950.0	\$ 100	\$ 850	\$ 950	
57	C1	Sectional Details/C7.0	2' Dia Concrete X 4' H	1	10%	1	CY	\$ 222.30	\$ 188.50	\$ 410.8	\$ 228	\$ 193	\$ 420	
58	C1	Sectional Details/C7.0	Excavation	1	10%	1	CY	\$ 16.50	\$ -	\$ 16.5	\$ 17	\$ -	\$ 17	
BICYCLE RACK														
59	C1	Sectional Details/C7.0	S19 : U Shaped Bicycle Rack	2	0%	2	EA	\$ 75.00	\$ 320.00	\$ 395.0	\$ 150	\$ 640	\$ 790	
LIGHT POLES														
60	C8	Sectional Details/C7.0	Light Poles	3	0%	3	EA	\$ 125.00	\$ 1,850.00	\$ 1,975.0	\$ 375	\$ 5,550	\$ 5,925	
61	C1	Sectional Details/C7.0	2' Dia Concrete X 6' H	2	10%	2	CY	\$ 222.30	\$ 188.50	\$ 410.8	\$ 512	\$ 434	\$ 946	
62	C1	Sectional Details/C7.0	Excavation	2	10%	2	CY	\$ 16.50	\$ -	\$ 16.5	\$ 38	\$ -	\$ 38	
TRANSFORMER														
63	C1	Sectional Details/C7.0	S35: Transformer Pad Size: 10' x 10' DUMPSTER ENCLOSURE	1	0%	1	EA	\$ 300.00	\$ 550.00	\$ 850.0	\$ 300	\$ 550	\$ 850	
64	C1	Sectional Details/C7.0	Trash Enclosure Note: Proper Plan Not Given, Please Verify -8" CMU Block Wall 6'4"H -Continuous Concrete Footing Size - 350 SF	1	0%	1	LS	\$ 500.00	\$ 3,000.00	\$ 3,500.0	\$ 500	\$ 3,000	\$ 3,500	
LANDSCAPING														
65	C1	Sectional Details/C7.0	Landscape Islands	1388	0%	1388	SF	\$ 1.10	\$ 1.25	\$ 2.4	\$ 1,527	\$ 1,735	\$ 3,262	
													\$ 212,959	
33 00 00 UTILITIES														
PIPING														
66	C4.2 & C6	Plan Details/C4.2 & C6	12" RCP Pipe	441	10%	485	LF	\$ 23.40	\$ 26.50	\$ 49.9	\$ 11,351	\$ 12,855	\$ 24,206	
67	C4.2 & C6	Plan Details/C4.2 & C6	12" HDPE Pipe	40	10%	44	LF	\$ 18.00	\$ 28.50	\$ 46.5	\$ 792	\$ 1,254	\$ 2,046	
68	C4.2 & C6	Plan Details/C4.2 & C6	6" PVC Pipe	260	10%	286	LF	\$ 11.52	\$ 8.50	\$ 20.0	\$ 3,295	\$ 2,431	\$ 5,726	
69	C4.2 & C6	Plan Details/C4.2 & C6	4" PVC Pipe	4	10%	4	LF	\$ 10.08	\$ 6.50	\$ 16.6	\$ 44	\$ 29	\$ 73	
70	C4.2 & C6	Plan Details/C4.2 & C6	1" Type K Copper Water Tubing	240	10%	264	LF	\$ 7.92	\$ 19.63	\$ 27.6	\$ 2,091	\$ 5,182	\$ 7,273	
71	C4.2 & C6	Plan Details/C4.2 & C6	Gas Pipe Size Doesn't Mention	160	10%	176	LF	\$ 8.64	\$ 9.50	\$ 18.1	\$ 1,522	\$ 1,674	\$ 3,196	
72	C4.2 & C6	Plan Details/C4.2 & C6	Telephone Service Line Size Doesn't Mention	156	10%	172	LF	\$ 1.80	\$ 0.32	\$ 2.1	\$ 309	\$ 55	\$ 364	
73	C4.2 & C6	Plan Details/C4.2 & C6	Underground Electric Service Line (2) 4" Secondary Conduits	322	10%	355	LF	\$ 11.52	\$ 17.50	\$ 29.0	\$ 4,085	\$ 6,206	\$ 10,291	
PRECAST STRUCTURES														
74	C4.2 & C6	Plan Details/C4.2 & C6	24"x24"x48" Catch Basin	2	0%	2	EA	\$ 180.00	\$ 2,650.00	\$ 2,830.0	\$ 360	\$ 5,300	\$ 5,660	
75	C4.2 & C6	Plan Details/C4.2 & C6	3' Dia Manhole x 4' H	3	0%	3	EA	\$ 252.00	\$ 3,250.00	\$ 3,502.0	\$ 756	\$ 9,750	\$ 10,506	
76	C4.2 & C6	Plan Details/C4.2 & C6	3' Dia Hydrodynamic Separator x 48" H	1	0%	1	EA	\$ 265.00	\$ 3,500.00	\$ 3,765.0	\$ 265	\$ 3,500	\$ 3,765	
77	C4.2 & C6	Plan Details/C4.2 & C6	3' x 7' Underground Electric Sector & Smartgrid Handhole	1	0%	1	EA	\$ 288.00	\$ 4,250.00	\$ 4,538.0	\$ 288	\$ 4,250	\$ 4,538	
78	C4.2 & C6	Plan Details/C4.2 & C6	3' x 3' Underground Electric Sector & Smartgrid Handhole	1	0%	1	EA	\$ 180.00	\$ 2,850.00	\$ 3,030.0	\$ 180	\$ 2,850	\$ 3,030	
79	C4.2 & C6	Plan Details/C4.2 & C6	Hosebib To Be Used For Irrigation Purposes Only	1	0%	1	EA	\$ 36.00	\$ 42.50	\$ 78.5	\$ 36	\$ 43	\$ 79	
80	C4.2 & C6	Plan Details/C4.2 & C6	Domestic Water Meter	1	0%	1	EA	\$ 108.00	\$ 350.00	\$ 458.0	\$ 108	\$ 350	\$ 458	
81	C4.2 & C6	Plan Details/C4.2 & C6	Backflow Preventor	1	0%	1	EA	\$ 133.20	\$ 1,050.00	\$ 1,183.2	\$ 133	\$ 1,050	\$ 1,183	
82	C4.2 & C6	Plan Details/C4.2 & C6	Waterline Point Of Connection	2	0%	2	EA	\$ 144.00	\$ -	\$ 144.0	\$ 288	\$ -	\$ 288	
83	C4.2 & C6	Plan Details/C4.2 & C6	Oil-Water Separator	1	0%	1	EA	\$ 252.00	\$ 3,000.00	\$ 3,252.0	\$ 252	\$ 3,000	\$ 3,252	
84	C4.2 & C6	Plan Details/C4.2 & C6	3' Dia Dog House Manhole x 4' H	1	0%	1	EA	\$ 252.00	\$ 3,250.00	\$ 3,502.0	\$ 252	\$ 3,250	\$ 3,502	
85	C4.2 & C6	Plan Details/C4.2 & C6	3' Dia Sump Pump Manhole x 4' H	1	0%	1	EA	\$ 252.00	\$ 3,250.00	\$ 3,502.0	\$ 252	\$ 3,250	\$ 3,502	
86	C4.2 & C6	Plan Details/C4.2 & C6	3' Dia Outlet Structure Manhole x 4' H	1	0%	1	EA	\$ 252.00	\$ 3,250.00	\$ 3,502.0	\$ 252	\$ 3,250	\$ 3,502	
87	C4.2 & C6	Plan Details/C4.2 & C6	Proposed Detention Basin	5177	10%	5695	SF	\$ 1.44	\$ 2.00	\$ 3.4	\$ 8,201	\$ 11,390	\$ 19,590	
Sub Total													\$ 116,031	
SUB - TOTAL											\$ 171,720	\$ 283,563	\$ 479,282	\$ 479,282
OVERHEAD AND PROFIT											20%	\$ 34,344	\$ 56,713	\$ 95,856
TAX											8.5%	\$ 14,596	\$ 24,103	\$ 40,739
BID BOND											1.5%	\$ 2,576	\$ 4,253	\$ 7,189
CONTINGENCIES											5%	\$ 8,586	\$ 14,178	\$ 23,964
TRADES											\$ 231,822	\$ 382,809	\$ 647,031	

ANYTHING THAT IS NOT MENTIONED IN THIS DETAILED ESTIMATE