PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

Estimate of Materials Quantities and Cost of Construction

CLICK HERE TO GO BACK TO COST SUMMARY

Sub-Total		$	36,670,843)
Material Sales Tax	6.350%	$	1,088,001) (Adjust the percentage for Material tax as required)
Overhead & Profit / Inflation (Material)	10%	$	1,713,387) (Adjust the percentage for Overhead & Profit as required)
Overhead & Profit (Labor)	10%	$	1,958,808) (Adjust the percentage for Overhead & Profit as required)
Bond Fee	1.5%	$	621,466) (Adjust the percentage for Bond Fee as required)
Total Bid		$	42,052,504)

Material Wastage 1	0%	(for Quantities in Each & LS)
Material Wastage 2	5%	(for Quantities in LF, SF, SY, CY, LBS, TONS)

(Changing the wastage percentage here will update the wastage for whole tab)

To change hourly rates for any trade please go to "Hourly Rates" Tab

Date: 45882
Project: Westhill High School
Project Location: 125 Roxbury Road Stamford, CT. 06902
Project and Wage Type: **Open Shop/Non Union**

Gross Internal Area of Structure (SF)
Covered Area of Structure (SF)
No. of Units
No. of Floors and Overall Height
Handicapping Area (SF) -
Soft scaping Area (SF))
-
)

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
			DIV-01		General												$ 2,948,977)		$ 33,721,866)
					Plan Design and Permitting														
1			DIV-01	General Requirements	Architecture (Assumed By Owner)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
2			01	General Requirements	Engineering (Assumed By Owner)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
3			DIV-01	General Requirements	Surveying	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
4			01	General Requirements	Soils Report (Assumed By Owner)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
5			DIV-01	General Requirements	Geological Report (Assumed By Owner)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
6			01	General Requirements	Concrete Testing	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
7			DIV-01	General Requirements	Permit Fee	(1)	(1)	1)	LS	2,550.44)	(2,550.44)	$ 66.1)	$ 168,609.3)			$ 168,609)		$ 188,252.31)	$ 188,252)
8			01	General Requirements	Permits (Based on interior finish area)	(1)	(1)	1)	LS	2550.436	(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
9			DIV-01	General Requirements	Plan Coordination	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
10			01	General Requirements	Roof Inspection	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
11			DIV-01	General Requirements	Blueprints (77 Pages)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
			01																
			DIV-01																
			01																
			DIV-01																
					Utilities														
12			DIV-01	General Requirements	Utilities during construction (Based on interior finish area)	(1)	(1)	1)	LS	1469.051	(1,469.05)	$ 66.1)	$ 97,119.0)			$ 97,119)		$ 108,433.33)	$ 108,433)
13			DIV-01	General Requirements	Port-o-Potty (Based on interior finish area)	(1)	(1)	1)	LS	1310.924	(1,310.92)	$ 66.1)	$ 86,665.2)			$ 86,665)		$ 96,767.69)	$ 96,767)
14			DIV-01	General Requirements	Temporary Power (Based on interior finish area)	(1)	(1)	1)	LS	3315.567	(3,315.57)	$ 66.1)	$ 219,192.1)			$ 219,192)		$ 244,728.01)	$ 244,728)
			01																
			DIV-01																
					Equipment and Tools														
15			DIV-01	General Requirements	Tool Rentals	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
16			01	General Requirements	Tool Shed	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
17			DIV-01	General Requirements	Dust Control	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
18			01	General Requirements	Ice, Water, Beverages	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
19			DIV-01	General Requirements	Garbage Dumpster / Trash Containers	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
20			01	General Requirements	Mobilization/Demobilization (Temporary Control & Facilities)	(1)	(1)	1)	LS	12242.093	(12,242.09)	$ 66.1)	$ 809,324.8)			$ 809,325)		$ 903,611.11)	$ 903,611)
			DIV-01																
			01																
			DIV-01																
					Signage and Promotion														
21			DIV-01	General Requirements	Job Signs	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -			$ -)		$ -)	$ -)
22			DIV-01	General Requirements	Job Photos	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
23			DIV-01	General Requirements	Signage	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
24			01	General Requirements	Promotion/entertainment	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
25			DIV-01	General Requirements	Misc.	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -			$ -)		$ -)	$ -)
			01								(-)		-)						
			DIV-01										-						
			01										)						
					Cleaning and Final														
26			DIV-01	General Requirements	Trash	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
27			01	General Requirements	Final Cleaning	(1)	(1)	1)	LS	3315.567	(3,315.57)	$ 66.1)	$ 219,192.1)			$ 219,192)		$ 244,728.01)	$ 244,728)
28			DIV-01	General Requirements	Window washing (rough # of windows)	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
29			01	General Requirements	Punch List Items	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
			DIV-01																
			01																
			DIV-01																
					Bonds, Insurance, Legal														
30			DIV-01	General Requirements	Casualty Insurance	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -			$ -)		$ -)	$ -
31			01	General Requirements	Medical Insurance	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -)			$ -)		$ -)	$ -)
32			DIV-01	General Requirements	General Liability Insurance	(1)	(1)	1)	LS		(-)	$ 66.1)	$ -			$ -)		$ -)	$ -)
			01										)						
			DIV-01										-						
			01										)						
					Project Management & Supervision														
33			DIV-01	General Requirements	Project Management & Supervision	(1)	(1)	1)	LS	20403.488	(20,403.49)	$ 66.1)	$ 1,348,874.6)			$ 1,348,875)		$ 1,506,018.51)	$ 1,506,019)
			DIV-02		Selective Removals And Demolition												$ 1,724,329)		
					Demolition														
					Site Demolition														
34	C312		DIV-02	Demo - Site	6000 Gallon Underground Storage Tank, To Be Protected During Construction	(1)	(1)	1)	EA	40.000	(40.00)	$ 62.0)	$ 2,480.0)		$ -	$ 2,480)		$ 2,768.92)	$ 2,769)
35	C411		DIV-02	Demo - Site	Cut Existing Storm Sewer To Outlet To Proposed Sediment Trap	(1)	(1)	1)	E	8.000	(8.00)	$ 62.0)	$ 496.0)		$ -	$ 496)		$ 553.76)	$ 554)
36	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Catch Basin To Be Removed - D3	(80)	(80)	80)	A	4.215	(337.20)	$ 62.0)	$ 20,906.4)		$ -	$ 20,906)		$ 23,342.27)	$ 23,342)
37	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Sump Structure To Be Removed - D4	(1)	(1)	1)	E	10.000	(10.00)	$ 62.0)	$ 620.0)		$ -	$ 620)		$ 692.23)	$ 692)
38	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Storm Manhole To Be Removed - D5	(48)	(48)	48)	A	6.850	(328.80)	$ 62.0)	$ 20,385.6)		$ -	$ 20,386)		$ 22,761.47)	$ 22,761)
39	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Sanitary Sewer Manhole To Be Removed - A4	(5)	(5)	5)	E	12.000	(60.00)	$ 62.0)	$ 3,720.0)		$ -	$ 3,720)		$ 4,153.68)	$ 4,154)
			DIV-02		Existing Fuel Tank To Be Removed - 21				A						-				
40	C101 to C104	C101 to C104	DIV-02	Demo - Site	- Tank Product Material Should Be Exported From Site & Legally Dispose Off	(1)	(1)	1)	E EA	30.000	(30.00)	$ 62.0)	$ 1,860.0)		$ -	$ 1,860)		$ 2,076.69)	$ 2,077)
			DIV-02		Existing 8000 GALLON Fuel Oil Tank To Be Removed - Z5				E										
41	C101 to C104	C101 to C104	DIV-02	Demo - Site	- Tank Product Material Should Be Exported From Site & Legally Dispose Off	(1)	(1)	1)	A EA	45.000	(45.00)	$ 62.0)	$ 2,790.0)		$ -	$ 2,790)		$ 3,115.04)	$ 3,115)
			DIV-02		Existing Water Gate Valve To Be Removed - C2				E										
42	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Hydrant To Be Removed - C3	(6)	(6)	6)	E	2.000	(12.00)	$ 62.0)	$ 744.0)		$ -	$ 744)		$ 138.45)	$ 831)
43	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Siamese Connection To Be Removed - C4	(2)	(2)	2)	A	1.520	(3.04)	$ 62.0)	$ 188.5)		$ -	$ 188)		$ 209.22)	$ 210)
44	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Post Indicator Valve To Be Removed - C5	(1)	(1)	1)	E	2.350	(2.35)	$ 62.0)	$ 145.7)		$ -	$ 146)		$ 162.67)	$ 163)
45	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Electric Vault To Be Removed - B5	(1)	(1)	1)	A	1.658	(1.66)	$ 62.0)	$ 102.8)		$ -	$ 103)		$ 114.27)	$ 115)
46	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Natural Gas Meter To Be Removed - E2	(1)	(1)	1)	E	20.000	(20.00)	$ 62.0)	$ 1,240.0)		$ -	$ 1,240)		$ 1,384.46)	$ 1,384)
47	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Gross Particle Separator To Be Removed - D6	(1)	(1)	1)	A	1.236	(1.24)	$ 62.0)	$ 76.6)		$ -	$ 77)		$ 85.56)	$ 86)
48	C101 to C104	C101 to C104	DIV-02	Demo - Site	- Size: 6'-0" x 12'-2"	(1)	(1)	1)	E	18.000	(18.00)	$ 62.0)	$ 1,116.0)		$ -	$ 1,116)		$ 1,246.01)	$ 1,246)
49	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Gross Particle Separator To Be Removed - D6	(3)	(3)	3)	A	8.961	(26.90)	$ 62.0)	$ 1,667.5)		$ -	$ 1,667)		$ 620.58)	$ 1,867)
50	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Oil Water Separator To Be Removed - A6	(1)	(1)	1)	E	22.000	(22.00)	$ 62.0)	$ 1,364.0)		$ -	$ 1,364)		$ 1,523.91)	$ 1,523)
51	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Underground Detention System To Be Removed - D8	(1)	(1)	1)	E	80.000	(80.00)	$ 62.0)	$ 4,960.0)		$ -	$ 4,960)		$ 5,537.84)	$ 5,538)
			DIV-02		- Size: 17'-0" x 31'-0"				E						-				
			DIV-02		Existing Mechanical Units To Be Removed - 24				A						-				
			DIV-02		- Size: 9'-2' x 15'-1"				E						-				
			DIV-02		Existing Mechanical Units To Be Removed - 24				A										
52	C101 to C104	C101 to C104	DIV-02	Demo - Site	- Size: 7'-6" x 16'-0"	(1)	(1)	1)	EA	28.000	(28.00)	$ 62.0)	$ 1,736.0)		$ -	$ 1,736)		$ 1,938.24)	$ 1,938)
			DIV-02		Existing 500 GALLON Diesel Tank To Be Removed - Z7				E										
53	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing 36" Dia RCP To Be Cut & Cap	(1)	(1)	1)	EA	36.000	(36.00)	$ 62.0)	$ 2,232.0)		$ -	$ 2,232)		$ 2,492.03)	$ 2,492)
54	C101 to C104	C101 to C104	DIV-02	Demo - Site	Pole Light To Be Removed				A	14.000	(14.00)	$ 62.0)	$ 868.0)		$ -	$ 868)		$ 969.12)	$ 969)
55	C101 to C104	C101 to C104	DIV-02	Demo - Site	Traffic Sign To Be Removed	(1)	(1)	1)	EA	6.000	(6.00)	$ 62.0)	$ 372.0)		$ -	$ 372)		$ 415.34)	$ 415)
56	L101	L101	DIV-02	Demo - Site	Site Tree To Be Removed	(1)	(1)	1)	EA	2.520	(60.48)	$ 62.0)	$ 3,749.8)		$ -	$ 3,750)		$ 174.44)	$ 4,187)
57	L101	L101	DIV-02	Demo - Site	Site Tree To Be Protected	(24)	(24)	24)	EA	1.500	(36.00)	$ 62.0)	$ 2,232.0)		$ -	$ 2,232)		$ 103.83)	$ 2,336)
58	L101,L102	L101,L102	DIV-02	Demo - Site	Existing Flag Pole to Be Removed and Protected for Reuse	(14)	(14)	14)	EA	1.865	(199.56)	$ 62.0)	$ 12,372.4)		$ -	$ 12,372)		$ 129.30)	$ 13,614)
59	L101,L102	L101,L102	DIV-02	Demo - Site	Existing Flag Pole to Be Removed	(107)	(107)	107)	EA	1.500	(100.50)	$ 62.0)	$ 6,231.0)		$ -	$ 6,231)		$ 103.83)	$ 6,957)
60	L101,L102	L101,L102	DIV-02	Demo - Site	Existing VOA/G Sign to Be Removed and Protected for Reuse	(67)	(67)	67)	EA	1.500	(6.36)	$ 62.0)	$ 394.3)		$ -	$ 394)		$ 146.76)	$ 440)
61	L101, 102	L101, 102	DIV-02	Demo - Site	Planters to Be Removed	(3)	(3)	3)	EA	2.120	(2.12)	$ 62.0)	$ 131.4)		$ -	$ 131)		$ 146.75)	$ 147)
62	L101, 102	L101, 102	DIV-02	Demo - Site	Scoreboard To Be Removed	(1)	(1)	1)	EA	2.854	(2.85)	$ 62.0)	$ 176.9)		$ -	$ 177)		$ 197.56)	$ 198)
63	L101, 102	L101, 102	DIV-02	Demo - Site	Bleachers To Be Removed	(1)	(1)	1)	EA	1.896	(5.69)	$ 62.0)	$ 352.7)		$ -	$ 353)		$ 131.25)	$ 394)
64	L101, 102	L101, 102	DIV-02	Demo - Site	Lugnut and Associated Improvements To Be Removed	(3)	(3)	3)	EA	5.231	(15.69)	$ 62.0)	$ 973.0)		$ -	$ 973)		$ 362.11)	$ 1,085)
65	L101, 102	L101, 102	DIV-02	Demo - Site	Infield Mix To Be Removed	(3)	(3)	3)	EA	30.000	(330.00)	$ 62.0)	$ 20,460.0)		$ -	$ 20,460)		$ 2,076.69)	$ 22,847)
66	L101, 102	L101, 102	DIV-02	Demo - Site	Existing Goal Post To Be Removed	(11)	(11)	11)	EA	12.000	(48.00)	$ 62.0)	$ 2,976.0)		$ -	$ 2,976)		$ 830.68)	$ 3,329)
67	L101, 102	L101, 102	DIV-02	Demo - Site	Existing Catch Basin To Be Removed	(4)	(4)	4)	EA	20.000	(20.00)	$ 62.0)	$ 1,240.0)		$ -	$ 1,240)		$ 1,384.46)	$ 1,384)
68	L101, 102	L101, 102	DIV-02	Demo - Site	Existing athletic Storage To Be Relocated	(1)	(1)	1)	EA	3.254	(6.51)	$ 62.0)	$ 403.5)		$ -	$ 403)		$ 225.25)	$ 451)
69	L101, 102	L101, 102	DIV-02	Demo - Site	Existing athletic Storage To Be Removed	(2)	(2)	2)	EA	4.256	(8.51)	$ 62.0)	$ 527.4)		$ -	$ 527)		$ 294.61)	$ 589)
70	L101, 102	L101, 102	DIV-02	Demo - Site	Storage Shed To Be Salvaged & Protected on Site	(1)	(1)	1)	EA	4.561	(4.56)	$ 62.0)	$ 282.8)		$ -	$ 283)		$ 315.80)	$ 316)
71	L101, 102	L101, 102	DIV-02	Demo - Site	Batting Cage to Be Salvaged for reuse by Owner	(1)	(1)	1)	EA	4.561	(4.56)	$ 62.0)	$ 282.8)		$ -	$ 283)		$ 315.80)	$ 316)
72	L101, 102	L101, 102	DIV-02	Demo - Site	Apiary To Be Salvaged and Relocated	(1)	(1)	1)	EA	6.524	(6.52)	$ 62.0)	$ 404.5)		$ -	$ 404)		$ 451.69)	$ 452)
73	L101, 102	L101, 102	DIV-02	Demo - Site	Generator to Be Removed	(1)	(1)	1)	EA	10.000	(30.00)	$ 62.0)	$ 1,860.0)		$ -	$ 1,860)		$ 692.23)	$ 2,072)
74	L101, 102	L101, 102	DIV-02	Demo - Site	Steel Bollards TO Be Removed	(3)	(3)	3)	EA	20.000	(20.00)	$ 62.0)	$ 1,240.0)		$ -	$ 1,240)		$ 1,384.46)	$ 1,384)
75	L101, 102	L101, 102	DIV-02	Demo - Site	Existing Gate To Be Removed	(1)	(1)	1)	EA	5.320	(5.32)	$ 62.0)	$ 329.8)		$ -	$ 330)		$ 368.27)	$ 368)
76	L101, 102	L101, 102	DIV-02	Demo - Site	Relocated Digital Message Board Sign	(1)	(1)	1)	EA	1.500	(15.00)	$ 62.0)	$ 930.0)		$ -	$ 930)		$ 103.83)	$ 1,038)
77	L101, 102	L101, 102	DIV-02	Demo - Site	Existing Storm Sewer To Be Removed - D2	(10)	(10)	10)	EA	1.857	(1.86)	$ 62.0)	$ 115.1)		$ -	$ 115)		$ 128.55)	$ 129)
78	L101, 102	L101, 102	DIV-02	Demo - Site	Existing Sanitary Sewer To Be Removed - A3	(1)	(1)	1)	EA	20.000	(20.00)	$ 62.0)	$ 1,240.0)		$ -	$ 1,240)		$ 1,384.46)	$ 1,384)
79	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Underground Electric Service To Be Removed - B1	(1)	(1)	1)	EA	0.065	(571.45)	$ 62.0)	$ 35,430.1)		$ -	$ 35,430)		$ 6.50)	$ 35,430)
80	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Overhead Electric Service To Be Removed - B2	8,373)	5%(8,792)	8,792)	LF	0.055	(47.54)	$ 62.0)	$ 2,947.2)		$ -	$ 2,947)		$ 6.81)	$ 3,291)
81	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Fuel Tank Piping To Be Removed - Z6	823)	5%(864)	864)	LF	0.095	(105.66)	$ 62.0)	$ 6,551.1)		$ -	$ 6,551)		$ 6.58)	$ 7,316)
82	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Water Service To Be Removed - E1	1,059)	5%(1,112)	1,112)	LF	0.125	(13.85)	$ 62.0)	$ 858.4)		$ -	$ 858)		$ 8.65)	$ 958)
83	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Natural Gas Service To Be Removed - E1	105)	5%(111)	111)	LF	0.135	(5.20)	$ 62.0)	$ 322.2)		$ -	$ 322)		$ 9.35)	$ 360)
84	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Underground Communications Duct bank To Be Removed - F1	37)	5%(38)	38)	LF	0.052	(99.23)	$ 62.0)	$ 6,152.1)		$ -	$ 6,152)		$ 3.60)	$ 6,859)
85	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Above Ground Mechanical Piping To Be Removed - Z3	1,817)	5%(1,908)	1,908)	LF	0.050	(72.36)	$ 62.0)	$ 4,486.4)		$ -	$ 4,486)		$ 3.46)	$ 5,095)
86	C101 to C104	C101 to C104	DIV-02	Demo - Site	Existing Concession Building To Be Demolished	1,378)	5%(1,447)	1,447)	LF	0.120	(47.71)	$ 62.0)	$ 2,957.8)		$ -	$ 2,958)		$ 8.31)	$ 3,302)
87	C101 to C104	C101 to C104	DIV-02	Demo - Site	Bituminous Concrete Curb To Be Removed	379)	5%(398)	398)	LF	3.500	(253.06)	$ 62.0)	$ 15,689.8)		$ -	$ 15,690)		$ 242.28)	$ 17,118)
88	C101 to C104	C101 to C104	DIV-02	Demo - Site	Stone Curb To Be Removed	69)	5%(72)	72)	LF	0.020	(34.36)	$ 62.0)	$ 2,130.5)		$ -	$ 2,130)		$ 1.38)	$ 2,179)
89	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Asphalt Curb To Be Removed	1,636)	5%(1,718)	1,718)	LF	0.020	(34.36)	$ 62.0)	$ 2,130.5)		$ -	$ 2,130)		$ 1.38)	$ 2,179)
90	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Concrete Saw Cut	387.47)	5%(407)	407)	LF	0.109	(44.35)	$ 62.0)	$ 2,749.4)		$ -	$ 2,749)		$ 7.55)	$ 3,070)
91	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Chain-link Fence To be Removed	6480.33)	5%(6,804)	6,804)	LF	0.095	(646.41)	$ 62.0)	$ 40,077.6)		$ -	$ 40,078)		$ 6.58)	$ 44,747)
92	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Fence To be Removed	153.47)	5%(161)	161)	LF	0.125	(14.50)	$ 62.0)	$ 899.2)		$ -	$ 899)		$ 8.65)	$ 1,004)
93	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Wall To Be Removed	737.89)	5%(775)	775)	LF	0.125	(19.37)	$ 62.0)	$ 1,200.9)		$ -	$ 1,201)		$ 8.65)	$ 1,341)
94	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Plant Protection Fence	497.32)	5%(522)	522)	LF	0.125	(65.27)	$ 62.0)	$ 4,046.9)		$ -	$ 4,047)		$ 8.65)	$ 4,518)
95	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Tennis Court Associated Walls and Fence To Be Removed	3650.61)	5%(3,833)	3,833)	LF	0.125	(479.14)	$ 62.0)	$ 29,706.8)		$ -	$ 29,707)		$ 8.65)	$ 33,168)
96	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Guardrail To Be Removed	561.74)	5%(590)	590)	LF	0.128	(75.50)	$ 62.0)	$ 4,680.9)		$ -	$ 4,681)		$ 8.86)	$ 5,226)
97	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Existing Synthetic Turf Surfacing To Be Removed	2521.11)	5%(2,647)	2,647)	LF	0.110	(291.19)	$ 62.0)	$ 18,053.7)		$ -	$ 18,054)		$ 7.61)	$ 20,157)
98	L101,L102,L103	L101,L102,L103	DIV-02	Demo - Site	Generator Fence To BE Removed	1098.25)	5%(1,153)	1,153)	LF	1.500	(1,729.74)	$ 62.0)	$ 107,244.1)		$ -	$ 107,244)		$ 103.83)	$ 119,708)
99	L102	L102	DIV-02	Demo - Site	Ramp Wall and Rail To Be Removed	351.29)	5%(369)	369)	LF	0.125	(171.13)	$ 62.0)	$ 10,610.2)		$ -	$ 10,610)		$ 8.65)	$ 11,846)
100	L101,L102	L101,L102	DIV-02	Demo - Site	Wall with Fence To be Removed	1303.87)	5%(1,369)	1,369)	LF	0.111	(12.01)	$ 62.0)	$ 744.6)		$ -	$ 745)		$ 7.68)	$ 831)
101	L101,L102	L101,L102	DIV-02	Demo - Site	Stone Wall To Be Removed	103.05)	5%(108)	108)	LF	0.122	(26.68)	$ 62.0)	$ 1,654.3)		$ -	$ 1,654)		$ 8.45)	$ 1,847)
102	L101,L102	L101,L102	DIV-02	Demo - Site	Concrete Walk to be Removed	208.29)	5%(219)	219)	LF	0.122	(79.30)	$ 62.0)	$ 4,921.9)		$ -	$ 4,922)		$ 8.38)	$ 5,495)
103	L101,L102	L101,L102	DIV-02	Demo - Site	Concrete Dumpster Pad to be Removed	624.84)	5%(656)	656)	LF	0.121	(79.39)	$ 62.0)	$ 4,926.1)		$ -	$ 4,926)		$ 8.29)	$ 5,499)
104	L101,L102	L101,L102	DIV-02	Demo - Site	Bituminous Concrete Pad to be Removed	67.67)	5%(71)	71)	LF	0.145	(10.30)	$ 62.0)	$ 638.8)		$ -	$ 639)		$ 10.04)	$ 713)
105	L102,103	L102,103	DIV-02	Demo - Site	Bituminous Concrete Pavements to Be Removed	49520.38)	5%(51,996)	51,996)	SF	0.030	(1,559.89)	$ 62.0)	$ 96,713.3)		$ -	$ 96,713)		$ 2.08)	$ 107,980)
106	L102,103	L102,103	DIV-02	Demo - Site	Existing Rock Outcropping To Be Demolished and Removed	10015.46)	5%(10,516)	10,516)	SF	0.032	(336.52)	$ 62.0)	$ 20,864.2)		$ -	$ 20,864)		$ 2.22)	$ 23,295)
107	L102,103	L102,103	DIV-02	Demo - Site	Tennis Court and Shed to Be Removed	521.87)	5%(548)	548)	SF	0.038	(20.82)	$ 62.0)	$ 1,291.0)		$ -	$ 1,291)		$ 2.63)	$ 1,441)
108	L102,103	L102,103	DIV-02	Demo - Site	Existing Vegetation Area To Be Removed	249274.63)	5%(261,738)	261,738)	SF	0.024	(6,281.72)	$ 62.0)	$ 389,466.7)		$ -	$ 389,467)		$ 1.66)	$ 434,840)
109	L102,103	L102,103	DIV-02	Demo - Site	Softball Field to Be Removed	10736.41)	5%(11,273)	11,273)	SF	0.090	(1,014.59)	$ 62.0)	$ 62,904.6)		$ -	$ 62,905)		$ 6.23)	$ 70,233)
110	L102,103	L102,103	DIV-02	Demo - Site	Base Ball Field To Be Removed	36949.41)	5%(38,797)	38,797)	SF	0.028	(1,086.31)	$ 62.0)	$ 67,351.4)		$ -	$ 67,351)		$ 1.94)	$ 75,158)
111	L102,103	L102,103	DIV-02	Demo - Site	Athletic Field and Track and Appurtenances to Be Removed	58133.94)	5%(61,041)	61,041)	SF	0.020	(1,220.81)	$ 62.0)	$ 75,690.4)		$ -	$ 75,690)		$ 1.38)	$ 84,508)
112	L102,103	L102,103	DIV-02	Demo - Site	Stair To Be Removed	62884.36)	5%(66,029)	66,029)	SF	0.020	(1,320.57)	$ 62.0)	$ 81,875.4)		$ -	$ 81,875)		$ 1.38)	$ 91,434)
113	L102,103	L102,103

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
125			DIV-26	Site Electrical	Exterior Light Fixture -**SA** **Manufacturer** : Visionaries -Lso- Series **Model** : LSO-M_T3L_11L_3K_PTD_LDL **Voltage** : 277V	90	0%	90	EA	4.758	428.22	$ 78.0	$ 33,408.2	$ 1,956.0	$ 176,040.0	$ 209,448		$ 2,724.39	$ 245,195
126			DIV-26	Site Electrical	Recessed LED 2X2 Light Fixture -**SB** **Manufacturer** : Visionaries -Lso- Series **Model** : LSO-M_T3L_11L_3K_PTD_LDL **Voltage** : 277V	6	0%	6	EA	4.758	28.55	$ 78.0	$ 2,227.2	$ 1,956.0	$ 11,736.0	$ 13,963		$ 2,724.39	$ 16,346
127	A101F	A101F	DIV-26	Site Electrical	Light Fixture -**SFP** **Manufacturer** : TBD **Model** : TBD **Voltage** : 277V	6	0%	6	EA	2.120	12.72	$ 78.0	$ 992.4	$ 236.5	$ 1,419.1	$ 2,411		$ 463.98	$ 2,784
128			DIV-26	Site Electrical	Bollard Light Fixture -**SH** **Manufacturer** : Visionaries - Bollards **Model** : OWK-2-8R42-CDG-54W-3K-UNV-AB-FINISH-VRB **Voltage** : 277V	21	0%	21	EA	3.562	74.80	$ 78.0	$ 5,835.8	$ 854.0	$ 17,934.0	$ 23,770		$ 1,318.80	$ 27,695
129			DIV-26	Site Electrical	Bollard Light Fixture -**SHS** **Manufacturer** : Visionaries **Model** : OWK-2-8R42-CDG-54W-3K-UNV-AB-FINISH-VRB-ILS **Voltage** : 277V	1	0%	1	EA	3.562	3.56	$ 78.0	$ 277.9	$ 854.0	$ 854.0	$ 1,132		$ 1,318.80	$ 1,319
130			DIV-26	Site Electrical	Pole Mounted Light Fixture -**SLA** **Manufacturer** : Visionaries -Lso- Series **Model** : LSO-M_T3L_11L_3K_PTD_LDL **Voltage** : 277V	1	0%	1	EA	4.758	4.76	$ 78.0	$ 371.2	$ 1,956.0	$ 1,956.0	$ 2,327		$ 2,724.39	$ 2,724
131	A1125-1, A1126A,	A1125-1, A1126A,	DIV-26	Site Electrical	Exterior Wall Mounted LED Fixture -**WM** **Manufacturer** : Beacon Lighting - Viper Series **Model** :VPW2 **Voltage** : 277V	21	0%	21	EA	4.121	86.54	$ 78.0	$ 6,751.6	$ 1,159.6	$ 24,352.4	$ 31,104		$ 1,728.44	$ 36,297
132	A126.1	A126.1	DIV-26	Site Electrical	LED Fixture -**WS** **Manufacturer** : Daybrite **Model** :TBD **Voltage** : 277V	6	0%	6	EA	2.230	13.38	$ 78.0	$ 1,043.9	$ 240.0	$ 1,440.0	$ 2,484		$ 477.67	$ 2,866
133	A126.1	A126.1	DIV-26	Site Electrical	Exterior Mullion Mounted LED Fixture -**WD** **Manufacturer** : Eventlite - Décor Designer MM **Model** :MM-AC **Voltage** : 277V	11	0%	11	EA	2.280	25.08	$ 78.0	$ 1,956.7	$ 260.0	$ 2,860.0	$ 4,817		$ 505.65	$ 5,562
134	A1125-1, A1126A,	A1125-1, A1126A,	DIV-26	Site Electrical	4" Round Recessed Downlight Fixture -**SD** **Manufacturer** : TBD **Model** :CDM4-W10-35K-4CMMFR **Voltage** : 277V	84	0%	84	EA	0.856	71.90	$ 78.0	$ 5,609.7	$ 95.0	$ 7,980.0	$ 13,590		$ 186.75	$ 15,687
	A1125-1, A1126A,	A1125-1, A1126A,			**Power**														
	A1125-1, A1126A,	A1125-1, A1126A,			**Generator**														
135			DIV-26	Site Electrical	Pad Mounted Generator -**E515** - W/ Level II Sound Enclosure & Prefabricated Access Platforms	2	0%	2	EA	60.200	120.40	$ 78.0	$ 9,393.2	$ 49,317.4	$ 98,634.8	$ 108,028		$ 63,485.25	$ 126,971
					Transformer														
136			DIV-26	Site Electrical	Pad Mounted Utility Transformer - **E509** - 500-2500 KVA - 76" x 70" x 36" **Manufacturer**: Provided By Eversource	5	0%	5	EA	90.500	452.50	$ 78.0	$ 35,302.5	$ 95,019.6	$ 475,097.8	$ 510,400		$ 120,096.62	$ 600,483
137			DIV-26	Site Electrical	3/4" x 8'-0" Long Copper Rod	10	0%	10	EA	1.100	11.00	$ 78.0	$ 858.2	$ 57.5	$ 575.1	$ 1,433		$ 163.73	$ 1,637
					Switch Board														
138			DIV-26	Site Electrical	Generator Switch Board - **E516**	1	0%	1	EA	32.500	32.50	$ 78.0	$ 2,535.5	$ 34,131.5	$ 34,131.5	$ 36,667		$ 43,138.57	$ 43,139
					Meters														
139			DIV-26	Site Electrical	Utility Meter/ PV Interconnect Switches & Revenue Meters - **E514**	3	0%	3	EA	4.500	13.50	$ 78.0	$ 1,053.2	$ 1,200.0	$ 3,600.0	$ 4,653		$ 1,809.12	$ 5,427
					Free Standing Electrical Enclosure														
140			DIV-26	Site Electrical	Provide Exterior EV Panels Freestanding Enclosure For EV Charging Terminal - **E520** - Nema 4 Exterior Rating **Size:** 2'-0" x 6'-0"	3	0%	3	EA	4.500	13.50	$ 78.0	$ 1,053.2	$ 5,250.0	$ 15,750.0	$ 16,803		$ 6,591.98	$ 19,776
141			DIV-26	Site Electrical	Enclosure Heater Part #FLHTF400A114, 400W, 120V with Intergral Thermostat Wire To 20A-1P Breaker In Panel Board **Manufacturer:** Hammond	3	0%	3	EA	1.250	3.75	$ 78.0	$ 292.6	$ 375.0	$ 1,125.0	$ 1,418		$ 551.74	$ 1,655
142			DIV-	Site Electrical	GFCI Duplexeceptacle Wire To 20A-1P Breaker In Panel Board	3	0%	3	E	0.750	2.25	$ 78.0	$ 175.5	$ 95.0	$ 285.0	$ 461		$ 177.52	$ 533
143	ESU101 to ESU104	ESU502	26	Site Electrical	Exterior Panel Board Provide Interior Panels, Mounted Brackets & Other Hardware	3	0%	3	A	3.000	9.00	$ 78.0	$ 702.1	$ 1,250.0	$ 3,750.0	$ 4,452		$ 1,737.51	$ 5,213
144	ESU101 to ESU104	ESU502	DIV-	Site Electrical	- As Per Enclosure Manufacture	3	0%	3	E	1.500	4.50	$ 78.0	$ 351.1	$ 450.0	$ 1,350.0	$ 1,701		$ 662.09	$ 1,986
			26						A										
					Handhole														
145	ESU101 to ESU104	ESU501	DIV-26	Site Electrical	24" x 36" Handhole As Pull Point For Underground Telecommunication Services Material: Polymer Concrete Ring & Box Shall Be Made Of Same Material	3	0%	3	EA	3.200	9.60	$ 78.0	$ 749.0	$ 2,120.0	$ 6,360.0	$ 7,109		$ 2,782.36	$ 8,347
146	ESU101 to ESU104	ESU501	DIV-26	Site Electrical	3/8" Stainless Steel Hex Head Bolt With Washer	6	0%	6	EA	0.100	0.60	$ 78.0	$ 46.8	$ 8.5	$ 51.0	$ 98		$ 18.75	$ 112
					Electrical Vault														
147	ESU101 to ESU104	ESU101 to ESU104	DIV-26	Site Electrical	Hexagonal Electrical Vault Per Eversourse Requirement - **E53** - Size: 5'-4" x 4'-8"	4	0%	4	EA	8.000	32.00	$ 78.0	$ 2,496.5	$ 4,850.0	$ 19,400.0	$ 21,897		$ 6,424.46	$ 25,698
148	ESU101 to ESU104	ESU101 to ESU104	DIV-26	Site Electrical	Hexagonal Electrical Vault Per Eversourse Requirement - **E54** - Size: 5'-4" x 4'-8"	2	0%	2	EA	8.000	16.00	$ 78.0	$ 1,248.3	$ 5,150.0	$ 10,300.0	$ 11,548		$ 6,778.75	$ 13,557
					Grade Box														
149	ESU101 to ESU104	ESU101 to ESU104	DIV-26	Site Electrical	Provide 2' x 2' In Grade Box - **E527** **Material:** Polymer Concrete	3	0%	3	EA	3.500	10.50	$ 78.0	$ 819.2	$ 758.8	$ 2,276.3	$ 3,095		$ 1,200.93	$ 3,603
					Grounding														
150	ESU101 to ESU104	ESU501	DIV-	Site Electrical	3/4" x 10'-0" Long Copper Rod	2	0%	2	E	0.750	1.50	$ 78.0	$ 117.0	$ 125.0	$ 250.0	$ 367		$ 212.95	$ 426
151	ESU101 to ESU104	ESU501	26	Site Electrical	External Ground Bar w / Insulated Standoffs	1	0%	1	A	1.250	1.25	$ 78.0	$ 97.5	$ 285.0	$ 285.0	$ 383		$ 445.45	$ 445
152	ESU101 to ESU104	ESU501	DIV-	Site Electrical	Size: 3/8" x 4" x 4" L	2	0%	2	E	0.500	1.00	$ 78.0	$ 78.0	$ 95.0	$ 190.0	$ 268		$ 155.74	$ 311
153	ESU101 to ESU104	ESU501	26	Site Electrical	Neutral Bus	2	0%	2	A	0.500	1.00	$ 78.0	$ 78.0	$ 85.0	$ 170.0	$ 248		$ 143.93	$ 288
154	ESU101 to ESU104	ESU501	DIV-	Site Electrical	Equipment Ground Bus	2	0%	2	E	0.800	48.00	$ 78.0	$ 3,744.8	$ 26.0	$ 1,560.0	$ 5,305		$ 100.99	$ 6,059
155	ESU101 to ESU104	ESU501	26	Site Electrical	#3/0 AWG Bare CoppeWire	60	0%	60	A	0.960	96.00	$ 78.0	$ 7,489.6	$ 38.0	$ 3,800.0	$ 11,290		$ 128.50	$ 12,850
156	ESU101 to ESU104	ESU501	DIV-	Site Electrical	#4/0 AWG Bare CoppeWire	100	0%	100	E	1.200	120.00	$ 78.0	$ 9,362.0	$ 52.0	$ 5,200.0	$ 14,562		$ 165.94	$ 16,594
			26			100		100	A										
			DIV-						E										
			26						A										
			DIV-		**Wiring & Conduits**				E										
157	ESL101 to ESL104	ESU501	DIV-	Site Electrical	1-1/4" SCH 40 PVC Conduit	17,114	5%	17,970	A	0.114	2,048.55	$ 78.0	$ 159,820.4	$ 2.7	$ 48,518.2	$ 208,339		$ 13.12	$ 235,737
158	ESL101 to ESL104	ESU501	DIV-	Site Electrical	1#10 Wires For Lighting	25,192	5%	53,909	E	0.008	431.27	$ 78.0	$ 33,646.4	$ 0.3	$ 16,124.2	$ 49,771		$ 9.05	$ 55,698
			DIV-						A										
159	ESU101 to ESU104	ESU500	26	Site Electrical	5" Conduit, Schedule 40 PVC	5,838	5%	6,130	E	0.201	1,232.11	$ 78.0	$ 96,124.9	$ 15.4	$ 94,400.5	$ 190,525		$ 35.69	$ 218,806
160	ESU101 to ESU104	ESU500	26	Site Electrical	4" Conduit, Schedule 40 PVC	25,193	5%	26,453	A	0.177	4,662.12	$ 78.0	$ 363,282.5	$ 13.1	$ 267,171.8	$ 632,454		$ 27.35	$ 723,355
161	ESU101 to ESU104	ESU500	DIV-	Site Electrical	2" Conduit, Schedule 40 PVC	4,555	5%	4,783	E	0.130	621.76	$ 78.0	$ 48,507.3	$ 3.2	$ 15,065.7	$ 63,573		$ 11.04	$ 72,950
162	ESU101 to ESU104	ESU500	26	Site Electrical	1" Conduit, Schedule 40 PVC	2,193	5%	2,303	A	0.099	227.96	$ 78.0	$ 17,784.8	$ 2.6	$ 5,940.8	$ 23,726		$ 5.07	$ 26,870
163	ESU101 to ESU104	ESU500	DIV-	Site Electrical	#2 Copper Conductor	300	5%	315	E	0.018	5.60	$ 78.0	$ 436.9	$ 1.7	$ 527.0	$ 964		$ 1.52	$ 1,126
164	ESU101 to ESU104	ESU500	26	Site Electrical	#500Kcmil Wires	91,876	5%	96,470	A	0.055	5,305.84	$ 78.0	$ 413,943.0	$ 15.5	$ 1,495,281.9	$ 1,909,225		$ 33.10	$ 2,228,034
165	ESU101 to ESU104	ESU500	DIV-	Site Electrical	#500Kcmil Wires	91,884	5%	96,478	E	0.050	4,823.91	$ 78.0	$ 376,344.6	$ 13.2	$ 1,271,582.7	$ 1,647,927		$ 19.92	$ 1,921,867
166	ESU101 to ESU104	ESU500	26	Site Electrical	#350Kcmil Wires	5,888	5%	6,182	A	0.044	274.50	$ 78.0	$ 21,415.4	$ 8.3	$ 51,405.4	$ 72,821		$ 13.69	$ 84,616
167	ESU101 to ESU104	ESU500	DIV-	Site Electrical	#4/0 Wire	1,180	5%	1,239	E	0.015	18.70	$ 78.0	$ 1,458.6	$ 1.2	$ 1,444.8	$ 2,903		$ 2.69	$ 3,330
168	ESU101 to ESU104	ESU500	26	Site Electrical	#3 Wire	14,447	5%	15,169	A	0.016	242.71	$ 78.0	$ 18,935.4	$ 1.5	$ 22,303.5	$ 41,239		$ 3.13	$ 47,481
169	ESU101 to ESU104	ESU500	DIV-	Site Electrical	#1/0	111	5%	117	E	0.020	2.33	$ 78.0	$ 181.9	$ 2.2	$ 255.3	$ 437		$ 4.33	$ 498
170	ESU101 to ESU104	ESU500	26	Site Electrical	#6	6,579	5%	6,908	A	0.012	85.04	$ 78.0	$ 6,634.3	$ 0.8	$ 5,253.5	$ 11,888		$ 1.97	$ 13,673
171	ESU101 to ESU104	ESU500	DIV-	Site Electrical	#10	6,848	5%	7,190	E	0.008	57.52	$ 78.0	$ 4,487.8	$ 0.3	$ 2,150.6	$ 6,638		$ 1.65	$ 7,638
			26						A										
			DIV-						E										
			26						A										
			DIV-		**Solar System**				E										
172	ESU105	ESU105	DIV-	Site Electrical	75KW Solar Array	1	0%	1	E	120.000	120.00	$ 78.0	$ 9,362.0	$ 95,000.0	$ 95,000.0	$ 104,362		$ 122,643.14	$ 122,643
173	ESU105	ESU105	DIV-	Site Electrical	400KW Solar Array	1	0%	1	A	480.000	480.00	$ 78.0	$ 37,447.9	$ 425,000.0	$ 425,000.0	$ 462,448		$ 543,715.42	$ 543,715
174	ESU105	ESU105	DIV-	Site Electrical	158KW Solar Array	1	0%	1	E	240.000	240.00	$ 78.0	$ 18,724.0	$ 185,000.0	$ 185,000.0	$ 203,724		$ 239,335.55	$ 239,385
175	ESU105	ESU105	DIV-	Site Electrical	82KW Solar Array	2	0%	2	A	150.000	300.00	$ 78.0	$ 23,405.0	$ 98,000.0	$ 196,000.0	$ 219,405		$ 128,799.36	$ 257,598
176	ESU105	ESU105	DIV-	Site Electrical	Panel PVSA	1	0%	1	E	8.000	8.00	$ 78.0	$ 624.1	$ 12,500.0	$ 12,500.0	$ 13,124		$ 15,458.25	$ 15,458
177	ESU105	ESU105	DIV-	Site Electrical	Panel PVSB	1	0%	1	A	6.000	6.00	$ 78.0	$ 468.1	$ 9,750.0	$ 9,750.0	$ 10,218		$ 12,036.32	$ 12,037
178	ESU105	ESU105	DIV-	Site Electrical	Panel PVSD	1	0%	1	E	4.000	4.00	$ 78.0	$ 312.1	$ 7,200.0	$ 7,200.0	$ 7,512		$ 8,851.28	$ 8,851
179	ESU105	ESU105	DIV-	Site Electrical	2" x 2' In Grade Pull Box	3	0%	3	A	2.500	7.50	$ 78.0	$ 585.1	$ 850.0	$ 2,550.0	$ 3,135		$ 1,221.57	$ 3,665
			DIV-						E										
			26						A										
			DIV-		**Wiring & Conduits**				E										
180	ESU105	ESU105	DIV-	Site Electrical	3" Conduit	671	5%	705	A	0.120	84.58	$ 78.0	$ 6,598.4	$ 6.8	$ 4,792.7	$ 11,391		$ 18.48	$ 13,027
181	ESU105	ESU105	DIV-	Site Electrical	Wiring	671	5%	705	E	0.015	10.57	$ 78.0	$ 824.8	$ 0.2	$ 141.0	$ 966		$ 1.54	$ 1,087
			DIV-						E										
			DIV-31		**Earthwork**				A								$ 2,917,095		
					Excavation														
182	ESU101 to ESU104	ESU500	DIV-	Earth worker	Excavation for Electrical Conduit Trenching	1,959	5%	2,057	C	0.285	586.23	$ 115.2	$ 67,551.4	$ -	$ 67,551			$ 36.67	$ 75,421
183	ESU101 to ESU104	ESU500	31	Site Electrical	Excavation for Light Poles	18	5%	19	Y	0.285	5.35	$ 115.2	$ 616.0	$ -	$ 617			$ 36.67	$ 688
184	MSU100	MSU501	DIV-	Earth worker	Excavation for Mechanical Pipes (4'-0" Deep)	33,118	5%	34,774	C	0.285	9,910.50	$ 115.2	$ 1,141,986.3	$ -	$ 1,141,986			$ 36.67	$ 1,275,028
			31						Y										
			DIV-						C										
			31		**Native Backfill**				Y										
185	ESU101 to ESU104	ESU500	DIV-	Earth worker	Backfill (Electrical Trenching)	1,380	5%	1,449	C	0.185	268.07	$ 115.2	$ 30,889.1	$ -	$ 30,889			$ 23.80	$ 34,488
186	MSU100	MSU501	31	Site Electrical	Backfill (Mechanical Piping)	33,046	5%	34,698	Y	0.185	6,419.12	$ 115.2	$ 739,675.7	$ -	$ 739,676			$ 23.80	$ 825,848
			DIV-						C										
			31						Y										
					Sand Bedding														
187	ESU101 to ESU104	ESU500	DIV-31	Earth worker	6" Thick Sand Bedding	4,137	5%	4,344	CY	0.675	2,932.26	$ 115.2	$ 337,883.9	$ 28.0	$ 121,634.3	$ 459,518		$ 119.91	$ 520,892
					Utility Trench														
188					**Trenching For Utilities Services**			10,887	LF									$ -	$ -
189			DIV-	Earth worker	Excavation	4,571	5%	4,800	CY	0.285	1,367.87	$ 115.2	$ 157,619.9	$ -	$ 157,620			$ 36.67	$ 175,983
190			31	Earth worker	Bedding	907	5%	952	CY	0.185	176.09	$ 115.2	$ 20,290.6	$ -	$ 20,291			$ 23.80	$ 22,654
191			DIV-	Earth worker	Backfilling	3,665	5%	3,848	CY	0.185	711.83	$ 115.2	$ 82,024.1	$ -	$ 82,024			$ 23.80	$ 91,580
192			31	Earth worker	Hauling	907	5%	952	CY	0.150	142.77	$ 115.2	$ 16,451.8	$ -	$ 16,452			$ 19.30	$ 18,365
			DIV-																
			31																
			DIV-		**Trenching For Manhole**														
			31																
193			DIV-	Earth worker	Excavation	738	5%	775	C	0.285	220.85	$ 115.2	$ 25,448.1	$ -	$ 25,448			$ 36.67	$ 28,413
194			31	Earth worker	Bedding	37	5%	39	Y	0.185	7.19	$ 115.2	$ 828.2	$ -	$ 828			$ 23.80	$ 925
195			DIV-	Earth worker	Backfilling	563	5%	591	C	0.185	109.36	$ 115.2	$ 12,601.9	$ -	$ 12,602			$ 23.80	$ 14,070
196			31	Earth worker	Hauling	175	5%	184	Y	0.150	27.56	$ 115.2	$ 3,176.0	$ -	$ 3,176			$ 19.30	$ 3,546
			DIV-						C										
			31						Y										
			DIV-		**Trenching For Yard drain**				C										
197			31	Earth worker	Excavation	17	5%	18	C	0.285	5.00	$ 115.2	$ 576.2	$ -	$ 576			$ 36.67	$ 643
198			31	Earth worker	Bedding	1	5%	1	Y	0.185	0.19	$ 115.2	$ 22.2	$ -	$ 22			$ 23.80	$ 25
199			DIV-	Earth worker	Backfilling	10	5%	10	C	0.185	1.88	$ 115.2	$ 217.1	$ -	$ 217			$ 23.80	$ 242
200			31	Earth worker	Hauling	7	5%	7	Y	0.150	1.10	$ 115.2	$ 127.2	$ -	$ 127			$ 19.30	$ 142
			DIV-						C										
			31						Y										
			DIV-		**Trenching For Cascade**				C										
201			31	Earth worker	Excavation	224	5%	235	C	0.285	67.03	$ 115.2	$ 7,724.1	$ -	$ 7,724			$ 36.67	$ 8,624
202			DIV-	Earth worker	Bedding	11	5%	11	Y	0.185	2.08	$ 115.2	$ 239.5	$ -	$ 240			$ 23.80	$ 267
203			31	Earth worker	Backfilling	30	5%	32	C	0.185	5.87	$ 115.2	$ 676.9	$ -	$ 677			$ 23.80	$ 756
204			DIV-	Earth worker	Hauling	174	5%	182	Y	0.150	27.34	$ 115.2	$ 3,150.6	$ -	$ 3,151			$ 19.30	$ 3,516
			31						C										
			DIV-						Y										
			31		**Trenching For Infiltration System**				C										
205			DIV-	Earth worker	Excavation	2,768	5%	2,906	C	0.285	828.32	$ 115.2	$ 95,447.8	$ -	$ 95,448			$ 36.67	$ 106,567
206			31	Earth worker	Hauling	2,768	5%	2,906	Y	0.150	435.96	$ 115.2	$ 50,235.7	$ -	$ 50,236			$ 19.30	$ 56,088
			DIV-						C										
			31						Y										
			DIV-32		**Exterior Improvements**												$ 15,889,744		
					Curbs														
207	L202	L608	DIV-	Site Concrete	6" x 1'-8" Deep Concrete Curb [Class C Concrete]	13,181	5%	13,840	LF	0.109	1,508.58	$ 81.1	$ 122,346.1	$ 6.5	$ 89,961.4	$ 212,308		$ 17.55	$ 242,840
208	L604	L605	32	Site Concrete	Granite Planter Curb	727.17	5%	764	LF	0.109	83.22	$ 81.1	$ 6,749.5	$ 6.5	$ 4,962.9	$ 11,712		$ 17.55	$ 13,397
209	L604	L605	DIV-	Site Concrete	Bituminous Concrete Curb - City Standard (Offside)	620	5%	651	LF	0.109	70.96	$ 81.1	$ 5,754.8	$ 6.5	$ 4,231.5	$ 9,986		$ 17.55	$ 11,424
210	L604	L605	32	Site Concrete	2"x3" Notch Securing Synthetic Turf Curb (**1155 LF**)	47	5%	49	CY	2.440	120.56	$ 81.1	$ 9,777.1	$ 438.0	$ 21,640.9	$ 31,418		$ 738.19	$ 36,479
211	L604	L605	DIV-	Site Concrete	#4 Reinforcement = 1155 LF	772	5%	810	LBS	0.020	16.20	$ 81.1	$ 1,314.0	$ 0.9	$ 753.4	$ 2,067		$ 2.51	$ 2,167
			32																
			DIV-																
			32		**Aggregate Strip**														
212	L202	L202	DIV-	Paving	2'-0" Wide Aggregate Strip	94.06	5%	99	L	0.022	2.17	$ 68.3	$ 148.4	$ 1.0	$ 99.8	$ 248		$ 2.87	$ 283
213	L202	L202	32	Paving	3'-0" Wide Aggregate Strip	490.3	5%	515	F	0.028	14.41	$ 68.3	$ 984.5	$ 2.0	$ 1,034.8	$ 2,019		$ 4.51	$ 2,221
214	L202	L202	32	Paving	3'-8" Wide Aggregate Strip	180.42	5%	189	L	0.030	5.68	$ 68.3	$ 388.1	$ 2.8	$ 530.4	$ 919		$ 5.59	$ 1,060
215	L202	L202	32	Paving	6" Thick 3'-0" Wide Stone Mulch Maintenance Strip W/	422	5%	443	F	0.032	14.27	$ 68.3	$ 974.4	$ 6.2	$ 2,747.2	$ 3,722		$ 9.78	$ 4,134
216	L601	L609	DIV-	Paving	Aluminium Edge Restraint	345.91	5%	363	L	0.015	5.45	$ 68.3	$ 372.1	$ 2.0	$ 730.0	$ 1,102		$ 3.52	$ 1,278
217	L601	L609	32	Paving	3'-0" Wide French Drain	80	5%	84	F	0.012	1.01	$ 68.3	$ 68.8	$ 1.8	$ 151.2	$ 220		$ 3.04	$ 261
			DIV-		2'-0" Wide French Drain				L										
			32						F										
			DIV-						L										
			32		**Bleachers**				F										
			DIV-		Aluminum Bleacher Size: 24'-0" x 7'-0"				L										
218	L202	L202	DIV-32	Site Concrete	Manufacturer: Belson Model: BD-U0424C Or Approved Equal	4		4	EA	16.000	64.00	$ 81.1	$ 5,190.4	$ 14,500.0	$ 58,000.0	$ 63,190		$ 18,572.58	$ 74,290
					Aluminum Bleacher Size: 15'-0" x 7'-0"														
219	L202	L202	DIV-32	Site Concrete	Manufacturer: Belson Model: BD-U0415CL Or Approved Equal	4		4	EA	12.000	48.00	$ 81.1	$ 3,892.8	$ 11,250.0	$ 45,000.0	$ 48,893		$ 14,372.29	$ 57,489
220	L202	L202	DIV-	Site Concrete	13'-0" x 30'-0" Concrete Bleacher Pad	4		4	E	24.000	96.00	$ 81.1	$ 7,785.6	$ 8,750.0	$ 35,000.0	$ 42,786		$ 12,506.49	$ 50,026
221	L202	L202	32	Site Concrete	16'-0" x 24'-0" Concrete Bleacher Pad	2		2	A	20.000	40.00	$ 81.1	$ 3,244.0	$ 7,500.0	$ 15,000.0	$ 18,244		$ 10,868.11	$ 21,736
			DIV-						E										
			32						A										

PRECISION IN EVERY ESTIMATE

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
					Base Insert														
222	L202	L202	DIV-32	Site Concrete	15"x 15" Base W/ -15"x15" Concrete Setting Bed W/ (4) #4 Bars set on square Pattern	4)	4)		EA	12.500	50.00)	$ 81.1)	$ 4,055.0)	$ 8,750.0)	$ 35,000.0)	$ 39,055)		$ 11,465.19)	$ 45,861)
					Note: 1. For Baseball Field: Base Set That Shall Be Provided is Model SHBL SCHUTT Hollywood impact Base Set, as Manufactured By Sportsfield Specialties OR Approved Equal. 2. For Soft ball Field: Base Set that Shall be Provided is Model SHBD SCHUTT Hollywood impact Double First Base Set, as Manufactured By Sportsfield Specialties OR Approved Equal.														
					Score Board														
223	L202	S-L602	DIV-32	Exterior improvements	18x 8' Scoreboard W/ -(2) 15'-0" High Steel Column Score Board To Be NEVCO Model: 1635 Or Equal	3	3)		EA	24.000	72.00)	$ 68.3)	$ 4,917.3)	$ 28,500.0)	$ 85,500.0)	$ 90,417)		$ 35,487.22)	$ 106,462)
224	L202	S-L602	DIV-32	Exterior improvements	Scoreboard Size: 16'-0" W x 6'-0" H x 8" D Manufacturer: Nevco Model: 1635 Or Approved Equal	1	1)		EA	20.000	20.00)	$ 68.3)	$ 1,365.9)	$ 22,750.0)	$ 22,750.0)	$ 24,116)		$ 28,391.73)	$ 28,392)
					Wheelstop														
225	L202	L202	DIV-32	Site Concrete	7 1/2" wide x 8'-0" Long Concrete Wheelstop W/ -(2) #3 Bars Tied Grade 60	8	8)		EA	2.500	20.00)	$ 81.1)	$ 1,622.0)	$ 325.0)	$ 2,600.0)	$ 4,222)		$ 610.18)	$ 4,881)
					Drain														
226	L201	L201	DIV-32	Utilities	Trench drain	245	5%)	257)	LF	0.373	95.95)	$ 82.4)	$ 7,902.8)	$ 34.4)	$ 8,848.1)	$ 16,751)		$ 74.92)	$ 19,273)
					Trash Receptacle														
227	L201	L201	DIV-32	Utilities	Trash Receptacle	3	3)		EA	2.800	8.40)	$ 82.4)	$ 691.8)	$ 850.0)	$ 2,550.0)	$ 3,242)		$ 1,261.28)	$ 3,784)
					Bench														
228	L201	L201	DIV-32	Exterior improvements	8' Backless Bench	18	18)		EA	0.750	13.50)	$ 68.3)	$ 922.0)	$ 450.0)	$ 8,100.0)	$ 9,022)		$ 588.62)	$ 10,595)
229	L201	L201	DIV-32	Exterior improvements	4' Backless Bench	2	2)		EA	0.500	1.00)	$ 68.3)	$ 68.3)	$ 275.0)	$ 550.0)	$ 618)		$ 362.89)	$ 726)
230	ESU101 to ESU104	ESU502	DIV-32	Exterior improvements	**Light Pole** Concrete	18)	5%)	19)	CY	2.440	45.81)	$ 68.3)	$ 3,128.7)	$ 438.0)	$ 8,223.3)	$ 11,352)		$ 703.31)	$ 11,204)
231	ESU101 to ESU104	ESU502	DIV-32	Exterior improvements	Anchor Bolts	410)		410)	EA	0.065	26.65)	$ 68.3)	$ 1,820.1)	$ 1.5)	$ 615.0)	$ 2,435)		$ 6.73)	$ 2,758)
232	ESU101 to ESU104	ESU500	DIV-32	Exterior improvements	**Electrical Ductbank** Concrete 3000 PSI	457)	5%)	480)	CY	3.000	1,439.55)	$ 68.3)	$ 98,316.2)	$ 210.0)	$ 100,768.5)	$ 199,085)		$ 476.76)	$ 228,773)
233	ESU101 to ESU104	ESU500	DIV-32	Exterior improvements	Plastic Warning Tape	10,107)	5%)	10,612)	LF	0.015	159.19)	$ 68.3)	$ 10,871.8)	$ 0.3)	$ 3,396.0)	$ 14,268)		$ 1.52)	$ 15,148)
234	ESU101 to ESU104	ESU500	DIV-32	Exterior improvements	Provide Suitable Separators & Chairs For 5" Conduits @ 4'-0" O.C	1,459)	1,459)		EA	0.050	72.95)	$ 68.3)	$ 4,982.2)	$ 3.3)	$ 4,741.8)	$ 9,724)		$ 7.65)	$ 11,182)
235	ESU101 to ESU104	ESU500	DIV-32	Exterior improvements	Provide Suitable Separators & Chairs For 4" Conduits @ 4'-0" O.C	6,590)	6,590)		EA	0.020	131.80)	$ 68.3)	$ 9,001.5)	$ 2.1)	$ 13,773.1)	$ 22,775)		$ 3.99)	$ 26,330)
					Safety Netting														
236	L604	2-L601	DIV-32	Exterior improvements	10'-0" High Safety Netting W/ -20'-0" Pole Spacing	530	5%)	557)	LF	0.120	66.78)	$ 68.3)	$ 4,560.8)	$ 12.0)	$ 6,678.0)	$ 11,239)		$ 23.32)	$ 12,979)
237	L201	2-L601	DIV-32	Exterior improvements	20'-0" High Safety Netting W/ -20'-0" Pole Spacing	419	5%)	440)	LF	0.100	44.00)	$ 68.3)	$ 3,004.7)	$ 9.5)	$ 4,179.5)	$ 7,184)		$ 18.84)	$ 8,291)
					Synthetic Field														
238	L604	2-L601	DIV-32	Exterior improvements	2" Synthetic Turf Surface with Infill to Provide 1/2" Pipe Reveal	77817.72	5%)	81,709)	L	0.015	1,225.63)	$ 68.3)	$ 83,706.2)	$ 3.1)	$ 252,479.6)	$ 336,186)		$ 4.79)	$ 391,624)
239	L201	2-L601	DIV-32	Exterior improvements	Shock Absorbing Pad	77817.72	5%)	81,709)	F	0.032	2,614.68)	$ 68.3)	$ 178,573.2)	$ 3.2)	$ 261,467.5)	$ 440,041)		$ 6.22)	$ 508,158)
240	L201	2-L601	DIV-32	Exterior improvements	18" Crushed Rock 2"4"	77817.72	5%)	81,709)	L	0.045	3,676.89)	$ 68.3)	$ 251,118.5)	$ 1.8)	$ 147,075.5)	$ 398,194)		$ 5.90)	$ 464,995)
241	L201	2-L601	DIV-32	Exterior improvements	12" Flat Drain Pipe	77817.72	5%)	81,709)	F	0.065	5,311.06)	$ 68.3)	$ 362,726.8)	$ 6.8)	$ 551,533.1)	$ 914,260)		$ 12.93)	$ 1,056,319)
					Drain														
242	L201	3-C206	DIV-32	Exterior improvements	2'-0" Wide French Drain	504.93	505)		EA	0.200	100.99)	$ 68.3)	$ 6,897.0)	$ 54.7)	$ 27,619.7)	$ 34,517)		$ 79.85)	$ 40,318)
243	L201	1-L605	DIV-32	Exterior improvements	ACO 2000 Slot Drain	544.31	5%)	572)	LF	0.220	125.74)	$ 68.3)	$ 8,587.3)	$ 60.0)	$ 34,291.5)	$ 42,879)		$ 87.63)	$ 50,084)
244	L201	1-L605	DIV-32	Site Concrete	Slot Drain Shall be ACO Sport System 2000 Or Approved Equal	16.1	17)		CY	2.440	41.32)	$ 81.1)	$ 3,351.0)	$ 438.0)	$ 7,417.1)	$ 10,768)		$ 738.19)	$ 12,501)
245	L201	1-L605	DIV-32	Site Concrete	10"x 14" Concrete Drain W/ (4) #4 Bars Conti, #4 U-Bars @12" O.C	2215.0	2,326)		LBS	0.020	46.52)	$ 81.1)	$ 3,772.4)	$ 0.9)	$ 2,162.9)	$ 5,935)		$ 2.91)	$ 6,769)
					#4 Rainforcement= 3316 LF														
246	L201	2-L605	DIV-32	Exterior improvements	ACO 4000 Slot Drain W/ -4.84" Drain Grate Slot Drain Shall be ACO Sport System 4000 Or Approved Equal	760.37	5%)	798)	LF	0.400	319.36)	$ 68.3)	$ 21,810.9)	$ 85.0)	$ 67,863.0)	$ 89,674)		$ 130.88)	$ 104,495)
247	L201	1-L605	DIV-32	Site Concrete	16"x 16" Concrete Drain W/ (4) #4 Bars Conti, #4 U-Bars @12" O.C	37.4	39)		CY	2.440	95.91)	$ 81.1)	$ 7,778.6)	$ 438.0)	$ 17,217.3)	$ 24,996)		$ 738.19)	$ 29,018)
248			DIV-32	Site Concrete	#4 Rainforcement= 4636 LF	3069.0	5%)	3,222)	LBS	0.020	64.45)	$ 81.1)	$ 5,226.8)	$ 0.9)	$ 2,996.9)	$ 8,224)		$ 2.91)	$ 9,375)
					Latex Track														
249	L201	L603	DIV-32	Exterior improvements	1/2" Synthetic Polyurnethane Track Surafce	53577	5%)	56,256)	SF	0.085	4,781.75)	$ 68.3)	$ 326,576.6)	$ 5.5)	$ 309,407.2)	$ 635,984)		$ 12.98)	$ 730,018)
250	L202	3-L608	DIV-32	Paving	4" Bituminous Concrete Pavement (CTDOT-M.04) W/ - 1.75" Superpave Surface Course (CTDOT-M.04) - 2.25" Superpave Binder Course(CTDOT-M.04)	65,271)	5%)	68,535)	SF	0.045	3,084.05)	$ 68.3)	$ 210,630.1)	$ 3.3)	$ 222,737.3)	$ 433,367)		$ 7.27)	$ 498,211)
					High School Discus Pad and Cage														
251	L201	L603	DIV-32	Exterior improvements	Discus Cage Netting	62.17	5%)	65)	LF	0.500	32.64)	$ 68.3)	$ 2,229.1)	$ 18.0)	$ 1,175.0)	$ 3,404)		$ 59.38)	$ 3,876)
252	L202	3-L608	DIV-32	Paving	6" Concrete Pad W/ 6x6 W2.9x W2.0 WWF (4000 Psi) - 8" Gravel Borrow	100)	5%)	105)	SF	0.750	78.75)	$ 68.3)	$ 5,378.3)	$ 12.5)	$ 1,312.5)	$ 6,691)		$ 71.95)	$ 7,555)
253	L202	3-L608	DIV-32	Paving	8" Gravel Borrow	100)	5%)	105)	SF	0.250	26.25)	$ 68.3)	$ 1,792.8)	$ 3.2)	$ 336.0)	$ 2,129)		$ 22.94)	$ 2,386)
254	L202	3-L608	DIV-32	Paving	Cast in Place Concrete Discus Cage Ground Sleeve	5)	5)		EA	2.000	10.00)	$ 68.3)	$ 683.0)	$ 85.0)	$ 425.0)	$ 1,108)		$ 252.89)	$ 1,264)
255	L202	3-L608	DIV-32	Exterior improvements	1"x24" Perforated HDPE Pipe Drain - 1'-0" x2'-6" Washed Stone French	23)	5%)	24)	LF	0.600	14.49)	$ 68.3)	$ 989.6)	$ 15.8)	$ 380.4)	$ 1,370)		$ 44.30)	$ 1,544)
256	L202	3-L608	DIV-32	Exterior improvements	Drain (Mirafi 140N Geotextile Fabric) 1'-0" x2'-6" Washed Stone French Drain (Mirafi 140N Geotextile Fabric)	23)	5%)	24)	LF	0.400	9.66)	$ 68.3)	$ 659.7)	$ 9.5)	$ 229.4)	$ 889)		$ 41.72)	$ 1,008)
					Note: Cast in Place Metal Discus Ring Shall be Sportsfield specialties Model: TRDAA (TFDOPALJOR Equal Discus Cage Shall be Sportsfield Specialties Model: DCHSEA (TFDCHS-EXT) OR Equal with Ground Sleeve Sportsfield Specialties Model: GS430 Or Equal.														
					Long /Triple Jump Landing PIT														
257	L604	L605	DIV-32	Exterior improvements	18" Deep Sand	231	5%)	243)	SF	0.300	72.77)	$ 68.3)	$ 4,969.6)	$ 4.3)	$ 1,030.8)	$ 6,000)		$ 27.89)	$ 6,766)
258	L604	L605	DIV-32	Exterior improvements	3M x 7M Sand Pit with Sand Catchers	69)	5%)	72)	LF	1.250	90.56)	$ 68.3)	$ 6,185.3)	$ 28.5)	$ 2,064.8)	$ 8,250)		$ 128.97)	$ 9,349)
259	L604	L605	DIV-32	Exterior improvements	4' x 19.5" White Takeoff Board (Painted)	6	6)		EA	12.000	72.00)	$ 68.3)	$ 4,917.3)	$ 95.0)	$ 570.0)	$ 5,487)		$ 1,027.23)	$ 6,197)
260	L604	L605	DIV-32	Exterior improvements	16'-5"x 19'-8" Pole Vault Landing Pad	1	1)		EA	8.800	8.80)	$ 68.3)	$ 601.0)	$ 6,829.8)	$ 6,829.8)	$ 7,431)		$ 8,736.70)	$ 9,797)
					Note: Sand Catchers shall be Sportfield Specialists Model: Specschs OR Equal Pit Covers Shall be Sportfield Specialists Model: SPCVRHS OR Equal with Synthetic Track surface														
					Bollards														
261	L202	20-L502	DIV-32	Exterior improvements	12" High Removeable Steel Bollard W/ -4" Deep Expansion Joint -Mounting Plate Combination Signage and Bollards W/ -3"x3" Post W/Cap, Color: Black -Van Accessible Sign Below Accessible Parking Sign -6" Dia Iron Galvanized Bollard Sch - 40, 7'-0" High -Bollards Sleeve	4	4)		EA	3.200	12.80)	$ 68.3)	$ 874.2)	$ 1,320.0)	$ 5,280.0)	$ 6,154)		$ 1,802.87)	$ 7,211)
262	L202	1-L609	DIV-32	Exterior improvements		10	10)		EA	4.500	45.00)	$ 68.3)	$ 3,073.3)	$ 1,820.5)	$ 18,205.0)	$ 21,278)		$ 2,493.06)	$ 24,931)
					Tennis Court														
263	L606	3-L606	DIV-32	Site Concrete	5" Post Tension Concrete Slab W/ 1/2" Dia Post Tension Strand	40016	5%)	42,017)	SF	0.040	1,680.67)	$ 81.1)	$ 136,302.5)	$ 4.5)	$ 189,075.6)	$ 325,378)		$ 8.94)	$ 375,471)
264	L606	3-L606	DIV-32	Site Concrete	11" Process Aggregate Base (CTDOT-M.05.01)	40016	5%)	42,017)	SF	0.032	1,344.54)	$ 81.1)	$ 109,042.0)	$ 3.2)	$ 134,453.8)	$ 243,496)		$ 6.46)	$ 284,586)
265	L606	3-L606	DIV-32	Site Concrete	2 Layers of 8 Mil Polythlene	40016	5%)	42,017)	SF	0.012	504.20)	$ 81.1)	$ 40,890.7)	$ 1.0)	$ 41,176.5)	$ 82,067)		$ 2.24)	$ 94,261)
266	L606	3-L606	DIV-32	Site Concrete	Compacted Sub-Grade	40016	5%)	42,017)	SF	0.006	252.10)	$ 81.1)	$ 20,445.4)	$ -)	$ -)	$ 20,445)		$ 0.54)	$ 22,827)
267	L606	3-L606	DIV-32	Exterior improvements	Tennis Court Surfacing System Manufacturer: Sportsmaster Or Approved Equal Product: Precushion System	16848	5%)	17,690)	SF	0.120	2,122.85)	$ 68.3)	$ 144,983.1)	$ 4.8)	$ 84,029.4)	$ 229,012)		$ 14.76)	$ 261,108)
268	L606	3-L606	DIV-	Exterior improvements	Tennis Net Anchor	270	5%)	284)	LF	0.250	70.88)	$ 68.3)	$ 4,840.5)	$ 18.5)	$ 5,244.8)	$ 10,085)		$ 40.91)	$ 11,598)
269	L606	3-L606	32	Exterior improvements	Tennis Net Post	12	5%)	13)	LF	1.500	18.90)	$ 68.3)	$ 1,290.8)	$ 285.0)	$ 3,591.0)	$ 4,882)		$ 450.95)	$ 5,682)
270	L606	3-L606	DIV-32	Exterior improvements	16'-0" Wide x 10'-0" High, (Vertical) Solid Plastic Backboard Manufacturer: National Sports Products Or Approved Equal	2	2)		EA	12.500	25.00)	$ 68.3)	$ 1,707.4)	$ 5,187.0)	$ 10,374.0)	$ 12,081)		$ 7,078.76)	$ 14,158)
271	L606	3-L606	DIV-32	Exterior improvements	9'-0" High Windscreen W/ -Four School Logos Per Set Of Courts Manufacturer: Sportsfield Specialties Or Approved Equal Model: VCP9DG Color: Purple	6	6)		EA	2.250	13.50)	$ 68.3)	$ 922.0)	$ 1,150.0)	$ 6,900.0)	$ 7,822)		$ 1,529.66)	$ 9,178)
					Batting Tunnel System														
272	L602	L602	DIV-32	Exterior improvements	13'-0" High x 14'-0" Wide x 75'-0" Long Batting Tunnel Net W/ -#36 Black Nylon 1-3/4" Square Mesh Net with Black Vinyl Enclosed weighted 1/4" Galvanized Chain - (2) 4'-0" wide x 13'-0" High Openings with Curtain Style Exterior overlap Flaps - Tension Cable Support 1/4" 7x Galv. Aircraft Cable with 1/2" ø6" Jaw & Jaw Turnbuckles	1	1)		EA	90.000	90.00)	$ 68.3)	$ 6,146.7)	$ 28,530.0)	$ 28,530.0)	$ 34,677)		$ 40,555.35)	$ 40,555)
273	L602	L602	DIV-32	Site Concrete	18" X 18" Concrete Curb	611.58	5%)	642)	LF	0.140	89.90)	$ 81.1)	$ 7,291.1)	$ 14.5)	$ 9,311.3)	$ 16,602)		$ 29.80)	$ 19,197)
274	L602	L602	DIV-32	Exterior improvements	2" Synthetic Surface with Infill Provide A 1/2" Pile Reveal	4762.76	5%)	5,001)	LF	0.015	75.01)	$ 68.3)	$ 5,123.2)	$ 3.1)	$ 15,452.8)	$ 20,576)		$ 4.79)	$ 23,969)
275	L602	L602	DIV-32	Exterior improvements	3" Choker Stone Layer	5040.88	5%)	5,293)	LF	0.045	238.18)	$ 68.3)	$ 16,267.0)	$ 5.5)	$ 29,111.3)	$ 45,378)		$ 9.93)	$ 52,947)
276	L602	L602	DIV-32	Utilities	6" Perforated HDPE Underdrain	50.06	5%)	53)	LF	1.100	57.82)	$ 82.4)	$ 4,762.0)	$ 12.5)	$ 657.0)	$ 5,419)		$ 15.99)	$ 6,098)
277	L602	L602	DIV-32	Utilities	3/4" Crushed Stone	8300	5%)	8,715)	SF	0.045	392.18)	$ 82.4)	$ 32,299.5)	$ 1.8)	$ 15,687.0)	$ 47,987)		$ 6.26)	$ 54,584)
					Modular CMU Storage Building														
278	L202	20-L502	DIV-32	Exterior improvements	Approved Equal Model To Be Rometc Model 2643 OR Aproved Equal. Size of Building 16'-8" x 12'-8" Interior Height 8'-8" (Contractor To Provide Stamped Plans By A Licensed Engineering The State of Cinnecticut For Both the Building and The Foundation.Plans provided are to be in Compliance with Local and State Building Code.	2	2)		LS	120.000	240.00)	$ 68.3)	$ 16,391.2)	$ 42,500.0)	$ 85,000.0)	$ 101,391)		$ 59,340.85)	$ 118,682)
					Wall														
279	L202	6-L609	DIV-32	Site Concrete	**Segmental Block Geogrid Retaining Wall** Segmental Block Geogrid Retaining Wall (8'-0" High) W/ -Separation Fabric	2242	5%)	2,354)	LF	0.230	517.90)	$ 81.1)	$ 42,001.9)	$ 12.5)	$ 29,426.3)	$ 71,428)		$ 34.68)	$ 81,646)
280	L202	6-L609	DIV-32	Site Concrete	2'-0"x0'-6" Compacted Granular-Base Leveling Pad	2242	5%)	2,354)	SF	0.098	230.70)	$ 81.1)	$ 18,709.9)	$ 6.8)	$ 16,007.9)	$ 34,718)		$ 16.90)	$ 39,746)
281	L202	6-L609	DIV-32	Site Concrete	Perforated Dain Pipe	2242	5%)	2,354)	LF	0.025	58.85)	$ 81.1)	$ 4,772.9)	$ 4.2)	$ 9,887.2)	$ 14,660)		$ 7.22)	$ 17,005)
282	L202	6-L609	DIV-32	Site Concrete	**Segmental Block Gravity Retaining Wall** Segmental Block Gravity Retaining Wall (6'-0" High) W/ -Satandard Block Unit -Separation Fabric	372	5%)	391)	LF	0.220	85.93)	$ 81.1)	$ 6,969.1)	$ 12.5)	$ 4,882.5)	$ 11,852)		$ 34.68)	$ 13,547)
283	L202	6-L609	DIV-32	Site Concrete	2'-0"x0'-6" Compacted Granular-Base Leveling Pad	372	5%)	391)	SF	0.098	38.28)	$ 81.1)	$ 3,104.4)	$ 6.8)	$ 2,656.1)	$ 5,760)		$ 16.90)	$ 6,603)
284	L202	6-L609	DIV-32	Site Concrete	Perforated Dain Pipe	372	5%)	391)	LF	0.025	9.77)	$ 81.1)	$ 791.9)	$ 4.2)	$ 1,640.5)	$ 2,432)		$ 7.22)	$ 2,823)
					Concrete Retaining Wall														
285			DIV-32	Site Concrete	12" Thick Cast in Place Concrete Retaining Wall W/#4@12" O.C vertical,		202)		LF	0.320	64.64)	$ 81.1)	$ 5,242.3)	$ 28.4)				$ 28.98)	$ 5,853)
286			DIV-32	Site Concrete	#4@12" O.C Horizantal		36)		CY	3.000	107.94)	$ 81.1)	$ 8,753.6)	$ 210.0)	$ 7,555.5)	$ 16,309)		$ 519.64)	$ 18,008)
287	L201	4D-L502	DIV-32	Site Concrete	Concrete 4500 Psi	34.3	1,982)		SF	0.050	99.12)	$ 81.1)	$ 8,038.6)	$ 210.0)	$ -)	$ 8,039)		$ 4.53)	$ 8,975)
288	L201	4D-L502	DIV-32	Site Concrete	Formwork	1888.0	1,370)		LBS	0.010	13.70)	$ 81.1)	$ 1,111.3)	$ -)	$ -)	$ 1,111)		$ 2.00)	$ 2,746)
289			DIV-32	Site Concrete	#4 Rainforcement=1953 LF	1305.0	31)		CY	3.000	94.27)	$ 81.1)	$ 7,645.0)	$ 0.9)	$ 1,274.3)	$ 2,386)		$ 519.64)	$ 16,178)
290	L201	4D-L502	DIV-32	Site Concrete	1'-0"x4'-0" Concrete Footing w/(5) #5 Each way	29.9	433)		SF	0.050	21.63)	$ 81.1)	$ 1,754.2)	$ 210.0)	$ 6,588.7)	$ 14,244)		$ 4.53)	$ 1,959)
291	L201	4D-L502	DIV-32	Site Concrete	Formwork	412.0	1,991)		LBS	0.010	19.91)	$ 81.1)	$ 1,614.5)	$ -)	$ -)	$ 1,754)		$ 2.00)	$ 3,989)
					#5 Rainforcement=1818 LF	1896.0	5%)							0.9)	$ 1,851.4)	$ 3,466)			
					Gate														
292	L201		DIV-32	Fencing and Gates - Metal	6'-0" Ornamental Iron Pedestrian Gate W/ -8'-0" Wide Double Gate - Electronic Lock, Panic Bar, Communications - All Hardware and Appurtences	3	3)		EA	18.000	54.00)	$ 85.9)	$ 4,637.9)	$ 9,850.0)	$ 29,550.0)	$ 34,188)		$ 13,358.45)	$ 40,075)
293	L201		DIV-32	Fencing and Gates - Metal	6'-0" Ornamental Iron Pedestrian Gate W/ -5'-0" Wide Single Gate - Electronic Lock, Panic Bar and Communications - All Hardware and Appurtences	1	1)		EA	12.000	12.00)	$ 85.9)	$ 1,030.6)	$ 6,750.0)	$ 6,750.0)	$ 7,781)		$ 9,122.14)	$ 9,122)
294	L202	L603	DIV-32	Fencing and Gates - Metal	6'-Wide Double Gate W/ -3" Diameter Gate Post -Tension Bar -1.75" Fabric Diamond Mesh Interwoven 6 Guage wire knuckled selvage Top & Bottom Black PVC Coated	3	3)		EA	8.500	25.50)	$ 85.9)	$ 2,190.1)	$ 3,250.0)	$ 9,750.0)	$ 11,940)		$ 4,653.18)	$ 13,960)
295	L202	4-L603	DIV-32	Fencing and Gates - Metal	12'-0" Wide x 6'-0" High Chain Link Fene Gate -3" Diameter Gate Post -Tension Bar -1.75" Fabric Diamond Mesh Interwoven 6 Guage wire knuckled selvage Top & Bottom Black PVC Coated 4'-0" Wide Swing Gate W/	5	5)		EA	6.250	31.25)	$ 85.9)	$ 2,684.0)	$ 2,150.0)	$ 10,750.0)	$ 13,434)		$ 3,138.38)	$ 15,692)
296	L202	4-L603	DIV-32	Fencing and Gates - Metal	-1.75" Fabric Diamond Mesh Interwoven 6 Guage wire knuckled selvage Top & Bottom Black PVC Coated	16	16)		EA	3.750	60.00)	$ 85.9)	$ 5,153.2)	$ 1,450.0)	$ 23,200.0)	$ 28,353)		$ 2,071.98)	$ 33,152)
297	L202	L603	DIV-32	Fencing and Gates - Metal	12'-0' Wide Emergence / Maintenance Access Slide Gate	7	7)		EA	7.500	52.50)	$ 85.9)	$ 4,509.1)	$ 4,800.0)	$ 33,600.0)	$ 38,109)		$ 6,387.77)	$ 44,714)
298	L202	-L603	DIV-32	Fencing and Gates - Metal	28'-0' Wide Vehicular Barrier Double Gate	1	1)		EA	24.000	24.00)	$ 85.9)	$ 2,061.3)	$ 18,500.0)	$ 18,500.0)	$ 20,561)		$ 24,149.05)	$ 24,149)
299	L206		DIV-32	Fencing and Gates - Metal	RFID Control Gate W/ Access Control & Call Box	2	2)		EA	20.000	40.00)	$ 85.9)	$ 3,435.5)	$ 12,250.0)	$ 24,500.0)	$ 27,935)		$ 32,984.52)	$ 32,985)
300	L207		DIV-32	Fencing and Gates - Metal	Gate Rest Pile	2	2)		EA	2.500	5.00)	$ 85.9)	$ 429.4)	$ 850.0)	$ 1,700.0)	$ 2,129)		$ 1,243.54)	$ 2,487)
					Stair														
					Handrail														
301	L503F		DIV-32	Exterior improvements	2"-10" High 2" O.D Stainless Steel Handrail W/ -2"x5/4" Flat Bar Intermediate Stainless Steel Post	260	5%)	273)	LF	0.650	177.45)	$ 68.3)	$ 12,119.2)	$ 80.1)	$ 21,861.8)	$ 33,981)		$ 144.14)	$ 39,349)
302	L503F		DIV-32	Site Concrete	12" Thick Concerete Stair Landing	6	5%)	6)	CY	2.440	15.37)	$ 81.1)	$ 1,246.7)	$ 438.0)	$ 2,759.4)	$ 4,006)		$ 738.19)	$ 4,851)

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
303	L503D, L503F, L503E		DIV-	Site Concrete	6" Riser x 12" Tread x 8'-0" Concrete Stair Step #4@12"O.C EachWay , #4 Rebar @Each Nosing		(	39)	E	14.500	(565.50)	$ 81.1)	$ 45,862.1)	$ 2,850.0)			$ 1,312.95)	$ 51,205)
304			32	Site Concrete	Concrete	15.8	5%(	17)	A	2.440	(40.56)	$ 81.1)	$ 3,289.4)	$ 438.0)	$ 7,280.7)	$ 10,570)		$ 738.19)	$ 12,271
305	L503		DIV-	Site Concrete	6" Riser x 14" Tread x 10'-8" Concrete Stair Step #4@12"O.C Each way , #4 Rebar @Each Nosing	16	(	16)	E	14.500	(232.00)	$ 81.1)	$ 18,815.2)	$ 2,850.0)	$ 45,600.0)	$ 64,415)		$ 4,678.66)	$ 74,859)
306			32	Site Concrete	Concrete	8.7	5%(	9)	A	2.440	(22.19)	$ 81.1)	$ 1,799.9)	$ 438.0)	$ 3,983.9)	$ 5,784)		$ 738.19)	$ 6,714
307	L503B		DIV-	Site Concrete	6" Riser x 14" Tread x 5'-0" Concrete Stair Step #4@12"O.C Each way, #4 Rebar @Each Nosing	9	(	9)	E	14.500	(130.50)	$ 81.1)	$ 10,583.6)	$ 2,850.0)	$ 25,650.0)	$ 36,234)		$ 4,678.66)	$ 42,108)
308			32	Site Concrete	Concrete	2.3	5%(	2)	A	2.440	(5.85)	$ 81.1)	$ 474.4)	$ 438.0)	$ 1,050.1)	$ 1,525)		$ 738.19)	$ 1,770
					Retaining Wall														
309			DIV-	Site Concrete	12" Concrete Retaing Wall 3'-0" High	17.00	5%(	18)	F	2.440	(43.55)	$ 81.1)	$ 3,532.2)	$ 438.0)	$ 7,818.3)	$ 11,351)		$ 738.19)	$ 13,173
310			32	Site Concrete	2'-0" x 1'-0" Concrete Footing	11.33	5%(	12)	F	2.440	(29.04)	$ 81.1)	$ 2,354.8)	$ 438.0)	$ 5,212.2)	$ 7,567)		$ 738.19)	$ 8,785
311			DIV-	Site Concrete	12" Concrete Retaing Wall 5'-0" High	21.85	5%(	23)	F	2.440	(55.98)	$ 81.1)	$ 4,540.3)	$ 438.0)	$ 10,049.7)	$ 14,590)		$ 738.19)	$ 16,937
312			32	Site Concrete	3'-0" x 1'-0" Concrete Footing	13.11	5%(	14)	F	2.440	(33.59)	$ 81.1)	$ 2,724.2)	$ 438.0)	$ 6,029.8)	$ 8,754)		$ 738.19)	$ 10,162
313			DIV-	Site Concrete	1'-6" Thick Concrete Retaing Wall 1'-7" High	6.00	5%(	6)	F	2.440	(15.37)	$ 81.1)	$ 1,246.6)	$ 438.0)	$ 2,759.2)	$ 4,006)		$ 738.19)	$ 4,650
314			32	Site Concrete	2'-0" x 1'-0" Concrete Footing	7.19	5%(	8)	F	2.440	(18.41)	$ 81.1)	$ 1,492.9)	$ 438.0)	$ 3,304.5)	$ 4,797)		$ 738.19)	$ 5,589
315			DIV-32	Site Concrete	Compacted Processed Aggregate (Conndot Form 816 M.05.01)	11.93	5%(	13)	CY	0.675	(8.45)	$ 81.1)	$ 685.5)	$ 48.0)	$ 601.1)	$ 1,287)		$ 117.81)	$ 1,475
					Bike Rack														
316	L201	1E-L502	DIV-32	Exterior improvements	2' O.D Stainless Steel Pipe Handrail 2'-10" High Bicycle Rack W/ -Colored Silicone Sealant to Match Concrete -Post Epoxed in Place into Drilled Hole	7	(	7)	EA	3.250	(22.75)	$ 68.3)	$ 1,553.7)	$ 1,850.0)	$ 12,950.0)	$ 14,504)		$ 2,432.58)	$ 17,028
317	L201	3E-L502	DIV-32	Exterior improvements	3'-0" High Stainless Steel Bicycle Rack 10" embeded W/ -Colored Silicone Sealant to Match Concrete -Post Epoxed in Place into Drilled Hole	3	(	3)	EA	2.500	(7.50)	$ 68.3)	$ 512.2)	$ 1,250.0)	$ 3,750.0)	$ 4,262)		$ 1,666.82)	$ 5,000
					Electric Vehicle Charging Station														
318	L201	1E-L502	DIV-	Exterior improvements	6'-0" High Pedestal Mount Charging Station	1	(	1)	E	6.500	(6.50)	$ 68.3)	$ 443.9)	$ 8,750.0)	$ 8,750.0)	$ 9,194)		$ 10,828.98)	$ 10,829
319	L201	1E-L502	32	Exterior improvements	Surface Mount Pedestal Manufacturer Mounting Kit and Recommendations	1	(	1)	A	2.250	(2.25)	$ 68.3)	$ 153.7)	$ 450.0)	$ 450.0)	$ 604)		$ 703.00)	$ 703
320	L201	1E-L502	DIV-	Exterior improvements	2'-0" x 4'-0" x 3'-6" Concrete Footing	1.04	5%(	1)	E	3.000	(3.27)	$ 68.3)	$ 223.1)	$ 210.0)	$ 228.7)	$ 452)		$ 476.76)	$ 519
321	L201	1E-L502	32	Exterior improvements	6" Dia SQ. Steel Tube Bollards 1/4" Th. Filled with concrete and Painted (6'-6" High)	2	(	2)	A	3.500	(7.00)	$ 68.3)	$ 478.1)	$ 1,250.0)	$ 2,500.0)	$ 2,978)		$ 1,743.08)	$ 3,486
322	L201	1E-L502	DIV-	Exterior improvements	18" Dia Concrete Footing	0.26	5%(	0)	A	3.000	(0.82)	$ 68.3)	$ 55.9)	$ 210.0)	$ 57.3)	$ 113)		$ 476.76)	$ 126
323	L201	1E-L502	32	Exterior improvements	1/4" Thick Steel Rod weld to Pipe	2.00	(	2)	C	0.750	(1.50)	$ 68.3)	$ 102.4)	$ 28.5)	$ 57.0)	$ 159)		$ 90.85)	$ 182
					Post														
					Traffic Sign Post														
324	L101	2D-L502	DIV-32	Site Signage	16" Gauge Reflective Alumnium Traffic Sign Post W/ 3"x3" Galvanized Steel Breakway Post, Painted Black	55	(	55)	EA	1.250	(68.75)	$ 79.6)	$ 5,474.1)	$ 385.0)	$ 21,175.0)	$ 26,649)		$ 565.79)	$ 31,118
					Flag Pole														
325	L102	5D-L502	DIV-32	Site Signage	60'-0" High Flag Pole W/ -Stainless Steel Aircraft Cable -1" Chamfer at Top Edge Tubbed finish	1	(	1)	EA	28.000	(28.00)	$ 79.6)	$ 2,229.4)	$ 14,850.0)	$ 14,850.0)	$ 17,079)		$ 20,026.32)	$ 20,026
					Goal Pole														
326	L604	5D-L502	DIV-32	Site Signage	21'-0" x 20'-0" Foot Ball Field Goal Post (10'-0" high) Crossbar and Gooseneck Offset Contructed of 6 5/8" Diameter SCH 40 Aluminium Pipe. Color: Yellow	2	(	2)	EA	80.000	(160.00)	$ 79.6)	$ 12,739.7)	$ 46,875.0)	$ 93,750.0)	$ 106,490)		$ 62,469.07)	$ 124,938
					Foul Pole														
327	L601	L601	DIV-32	Site Signage	15'-0" High Foul pole With Wing (Yellow)	2	(	2)	EA	18.000	(36.00)	$ 79.6)	$ 2,866.4)	$ 6,850.0)	$ 13,700.0)	$ 16,566)		$ 9,689.71)	$ 19,379
					Entry Sign														
328	L207		DIV-32	Site Signage	School Entry Sign	1	(	1)	EA	2.800	(2.80)	$ 79.6)	$ 222.9)	$ 320.0)	$ 320.0)	$ 543)		$ 626.82)	$ 627
					Conc. Footing														
329			DIV-	Site Concrete	16" Dia Concrete Sign Post Footing **(04 EA)**	(0.2)	5%(	0)	C	2.440	(0.47)	$ 81.1)	$ 38.1)	$ 438.0)	$ 84.4)	$ 123)		$ 738.19)	$ 142
330			32	Site Concrete	16" Dia Concrete Footing Bollards **(04 EA)**	(0.2)	5%(	0)	Y	2.440	(0.47)	$ 81.1)	$ 38.1)	$ 438.0)	$ 84.4)	$ 123)		$ 738.19)	$ 142
331			DIV-	Site Concrete	16" Dia Concrete Scoreboard Footing **(03 EA)**	(1.5)	5%(	2)	C	2.440	(3.95)	$ 81.1)	$ 320.6)	$ 438.0)	$ 709.6)	$ 1,030)		$ 738.19)	$ 1,198
332			32	Site Concrete	2'-0"x2'-0"x4'-0" Concrete Glag Pole Footing **(1 EA)**	(0.6)	5%(	1)	Y	2.440	(1.52)	$ 81.1)	$ 123.1)	$ 438.0)	$ 272.5)	$ 396)		$ 738.19)	$ 459
333			DIV-	Site Concrete	2'-0"x2'-0"x4'-0" Concrete football Goal Post Footing (2 **EA**)	(1.8)	5%(	2)	C	2.440	(4.55)	$ 81.1)	$ 369.4)	$ 438.0)	$ 817.6)	$ 1,187)		$ 738.19)	$ 1,374
334			32	Site Concrete	1'-0"x1'-0"x3'-6" Concrete 6'-0" High Fence Footing **(960 EA)**	(124.4)	5%(	131)	Y	2.440	(318.71)	$ 81.1)	$ 25,847.6)	$ 438.0)	$ 57,211.6)	$ 83,059)		$ 738.19)	$ 96,423
					Pavement														
					Asphalt pavement														
335	L202	3-L608	DIV-	Paving	3" Thick Bituminous Concrete Pavement (Pedestrian) (Class12)	(10,631)	5%(	11,163)	SY	0.045	(502.31)	$ 68.3)	$ 34,306.3)	$ 4.5)	$ 50,231.5)	$ 84,538)		$ 8.75)	$ 97,624
336	L202	3-L608	32	Paving	12" Thick Aggregate Base, CTDOT FORM 819	(10,631)	5%(	11,163)	SY	0.090	(1,004.60)	$ 68.3)	$ 68,612.7)	$ 7.5)	$ 83,759.1)	$ 152,372)		$ 15.72)	$ 175,974
337	L202	3-L608	DIV-	Paving	Compacted Subgrade	(10,631)	5%(	11,163)	SY	0.050	(558.13)	$ 68.3)	$ 38,118.2)	$ -	$ -	$ 38,118)		$ 3.81)	$ 42,559
338	L202	2-L608	DIV-	Paving	Thermoplastic Panel	(11,078)	5%(	11,632)	SY	0.085	(988.71)	$ 68.3)	$ 67,525.5)	$ 8.5)	$ 98,871.2)	$ 166,397)		$ 16.52)	$ 192,154
339	L202	2-L608	32	Paving	2" Thick Bituminous Concrete Class 2 W/ -Surafce Course, CTDOT, FORM 819, Article M.04.01	(276,194)	5%(	290,004)	F	0.025	(7,250.09)	$ 68.3)	$ 495,155.9)	$ 1.2)	$ 348,004.4)	$ 843,160)		$ 3.32)	$ 963,818
340	L202	2-L608	DIV-	Paving	2 1/2" Thick Bituminous Concrete Class 1 W/ -Bider Course, CTDOT, FORM 819, Article M.04.01	(276,194)	5%(	290,004)	SY	0.022	(6,380.08)	$ 68.3)	$ 435,737.2)	$ 1.0)	$ 292,903.7)	$ 728,641)		$ 2.87)	$ 832,406
341	L202	2-L608	32	Paving	12" Processed Aggregate Base, CTDOT Form 819, Article M.01.01	(276,194)	5%(	290,004)	F	0.012	(3,480.04)	$ 68.3)	$ 237,674.9)	$ 0.5)	$ 145,001.9)	$ 382,677)		$ 1.51)	$ 436,604
342	L202	2-L608	DIV-	Paving	Prepare Subgrade	(276,194)	5%(	290,004)	SY	0.015	(4,350.06)	$ 68.3)	$ 297,093.6)	$ -	$ -	$ 297,094)		$ 1.14)	$ 339,705
					Bituminous Concrete Paving (Trench Repair in Roadway)														
343	L202	L501	DIV-32	Paving	Bituminous Concrete Paving (Trench Repair In Roadway) W/ -Tack Coat -Compacted Bituminous Concrete Binder Course	(66)	5%(	69)	SZ	0.085	(5.89)	$ 68.3)	$ 402.3)	$ 8.8)	$ 609.8)	$ 1,012)		$ 16.87)	$ 1,169
					Concrete pavement														
344	L202	L501	DIV-	Paving	6" Cast in Place Concrete W/ WWF(4x4W2.9xW2.9)	(67,295)	5%(	70,660)	SY	0.032	(2,261.11)	$ 68.3)	$ 154,426.0)	$ 4.2)	$ 296,771.0)	$ 451,197)		$ 7.40)	$ 522,889
345	L202	L501	32	Paving	6" Processed Aggregate Base (CT DOT Form 818.M.05.01)	(67,295)	5%(	70,660)	SY	0.045	(3,179.69)	$ 68.3)	$ 217,161.6)	$ 5.2)	$ 367,430.7)	$ 584,592)		$ 9.57)	$ 676,379
346	L202	L501	DIV-	Paving	6" Base Course Aggregate (CT DOT Form 818.M.00.06)	(67,295)	5%(	70,660)	SY	0.048	(3,391.67)	$ 68.3)	$ 231,639.1)	$ 6.2)	$ 438,090.5)	$ 669,730)		$ 10.98)	$ 775,489
347	L202	L501	32	Paving	Compacted Subgrade	(67,295)	5%(	70,660)	SY	0.032	(2,261.11)	$ 68.3)	$ 154,426.0)	$ -	$ -	$ 154,426)		$ 2.44)	$ 172,457
348	L202	L501	DIV-	Paving	**Curb Ramp** 6" Cast in Place Concrete W/ WWF(4x4W2.9xW2.9) Asseble Curb Ramp	(1,432)	5%(	1,504)	SY	0.038	(57.14)	$ 68.3)	$ 3,902.2)	$ 5.0)	$ 7,518.0)	$ 11,420)		$ 8.80)	$ 13,235
349	L202	L501	32	Paving	6" Processed Aggregate Base (CT DOT Form 818.M.05.01)	(1,432)	5%(	1,504)	SY	0.045	(67.66)	$ 68.3)	$ 4,621.1)	$ 5.2)	$ 7,818.7)	$ 12,440)		$ 9.57)	$ 14,393
350	L202	L501	DIV-	Paving	6" Base Course Aggregate (CT DOT Form 818.M.00.06)	(1,432)	5%(	1,504)	SY	0.048	(72.17)	$ 68.3)	$ 4,929.1)	$ 6.2)	$ 9,322.3)	$ 14,251)		$ 10.98)	$ 16,516
351	L202	L501	32	Paving	Compacted Subgrade	(1,432)	5%(	1,504)	SY	0.050	(75.18)	$ 68.3)	$ 5,134.5)	$ -	$ -	$ 5,135)		$ 3.81)	$ 5,739
					Concrete Pavement (Heavy Duty)														
352	L202	L501	DIV-	Paving	8" Exposed Aggregate Concrete W/ #4 Rebar @12" O.C Each Way	(10,227)	5%(	10,738)	SY	0.075	(805.38)	$ 68.3)	$ 55,004.4)	$ 10.2)	$ 109,531.2)	$ 164,536)		$ 17.76)	$ 190,763
353	L202	L501	32	Paving	8" Processed Aggregate Base (CT DOT Form 818.M.05.01)	(10,227)	5%(	10,738)	SY	0.070	(751.68)	$ 68.3)	$ 51,337.4)	$ 8.8)	$ 94,497.5)	$ 145,835)		$ 15.73)	$ 168,939
354	L202	L501	DIV-	Paving	10" Compacted Grawel Base (CT DOT Form 818.M.02.06 Grading A)	(10,227)	5%(	10,738)	SY		(-)	$ 68.3)	$ -	$ 11.0)	$ 118,336.6)	$ 118,337)		$ 13.01)	$ 139,750
355	L202	L501	32	Paving	Compacted Subgrade	(10,227)	5%(	10,738)	SY	0.050	(536.92)	$ 68.3)	$ 36,669.6)	$ -	$ -	$ 36,670)		$ 3.81)	$ 40,942
					Exposed Aggregate Concrete Pavement (Pedestrian)														
356	L201, L202	L501	DIV-	Paving	unit Pavers joint Filled with Polymeric sand	(12,400)	5%(	13,020)	SY	0.035	(455.70)	$ 68.3)	$ 31,122.7)	$ 6.2)	$ 80,724.0)	$ 111,847)		$ 9.99)	$ 130,080
357	L201, L202	L501	32	Paving	6" Cast in Place Concrete W/ WWF(4x4W2.9xW2.9)	(12,400)	5%(	13,020)	SY	0.038	(494.76)	$ 68.3)	$ 33,790.4)	$ 5.0)	$ 65,100.0)	$ 98,890)		$ 8.80)	$ 114,077
358	L201, L202	L501	DIV-	Paving	6" Processed Aggregate Base (CT DOT Form 818.M.05.01)	(12,400)	5%(	13,020)	SY	0.045	(585.90)	$ 68.3)	$ 40,014.9)	$ 5.2)	$ 67,704.0)	$ 107,719)		$ 9.57)	$ 124,112
359	L201, L202	L501	32	Paving	6" Base Course Aggregate (CT DOT Form 818.M.00.06)	(12,400)	5%(	13,020)	SY	0.048	(624.96)	$ 68.3)	$ 42,682.6)	$ 6.2)	$ 80,724.0)	$ 123,407)		$ 10.98)	$ 142,386
360	L201, L202	L501	DIV-	Paving	Compacted Subgrade	(12,400)	5%(	13,020)	SY	0.050	(651.00)	$ 68.3)	$ 44,461.0)	$ -	$ -	$ 44,461)		$ 3.81)	$ 49,646
361	L202	3-L608	DIV-	Paving	Replaceable Tactile Warning Paver Tile	(1,061)	5%(	1,114)	SF	0.015	(16.72)	$ 68.3)	$ 1,141.7)	$ 0.3)	$ 356.6)	$ 1,498)		$ 1.52)	$ 1,696
362	L202	3-L608	32	Paving	3/4" Bituminous Setting Bed	(1,061)	5%(	1,114)	SY	0.250	(278.61)	$ 68.3)	$ 19,027.9)	$ 12.2)	$ 13,596.0)	$ 32,624)		$ 31.47)	$ 37,301
363	L602	3-L601	DIV-	Paving	6" Warning Track with infild Mix (Premium Red Infield Mix OR Equal)	(15,727)	5%(	16,514)	SY	0.015	(247.70)	$ 68.3)	$ 16,917.4)	$ 0.3)	$ 5,284.4)	$ 22,202)		$ 1.52)	$ 25,129
364	L602	3-L601	32	Paving	Non Woven Geo-Textile Fabric (Mirafi 140N OR Approved Equal)	(15,727)	5%(	16,514)	SY	0.020	(330.27)	$ 68.3)	$ 22,556.5)	$ 0.5)	$ 7,431.1)	$ 29,988)		$ 2.06)	$ 33,960
365	L602	3-L601	DIV-	Paving	6" Min 3/4" Clean Crushed Stone	(15,727)	5%(	16,514)	SY	0.022	(363.30)	$ 68.3)	$ 24,812.1)	$ 2.0)	$ 33,192.4)	$ 58,005)		$ 4.05)	$ 65,921
366	L602	3-L601	32	Paving	Compacted Subgrade Or Imported Fill Material	(15,727)	5%(	16,514)	SY	0.025	(412.84)	$ 68.3)	$ 28,195.6)	$ -	$ -	$ 28,196)		$ 1.91)	$ 31,889
					Infild Warning Track														
367	L602	3-L601	DIV-	Paving	6" Infield Mix (Rwed-Premium Red Infield Mix OR Equal)	14428.79	5%(	15,150)	SY	0.035	(530.26)	$ 68.3)	$ 36,214.8)	$ 6.2)	$ 93,931.4)	$ 130,146)		$ 9.99)	$ 151,362
368	L602	3-L601	32	Paving	Non Woven Geo-Textile Fabric(MIRAFI 140N Or Approved Equal)	14428.79	5%(	15,150)	SY	0.020	(303.00)	$ 68.3)	$ 20,694.2)	$ 0.5)	$ 6,817.6)	$ 27,512)		$ 2.06)	$ 31,758
369	L602	3-L601	DIV-	Paving	6" thick 3/4" Clean Crushed Stone	14428.79	5%(	15,150)	SY	0.022	(333.31)	$ 68.3)	$ 22,763.6)	$ 2.0)	$ 30,452.0)	$ 53,216)		$ 4.05)	$ 61,778
370	L602	3-L601	32	Paving	Compacted Sub Grade Or Imported Fill Material	14428.79	5%(	15,150)	SY	0.025	(378.76)	$ 68.3)	$ 25,867.7)	$ -	$ -	$ 25,868)		$ 1.91)	$ 29,887
					Packing Clay														
371	L601	4-L601	DIV-	Paving	6" Infield Mix (Rwed-Premium Red Infield Mix OR Equal)	728	5%(	764)	SY	0.035	(26.75)	$ 68.3)	$ 1,827.2)	$ 6.2)	$ 4,739.3)	$ 6,566)		$ 9.99)	$ 7,637
372	L601	4-L601	32	Paving	Non Woven Geo-Textile Fabric(MIRAFI 140N Or Approved Equal)	728	5%(	764)	SY	0.020	(15.29)	$ 68.3)	$ 1,044.1)	$ 0.5)	$ 344.0)	$ 1,388)		$ 2.06)	$ 1,572
373	L601	4-L601	DIV-	Paving	6" thick 3/4" Clean Crushed Stone	728	5%(	764)	SY	0.022	(16.82)	$ 68.3)	$ 1,148.5)	$ 2.0)	$ 1,536.4)	$ 2,685)		$ 4.05)	$ 3,097
374	L601	4-L601	32	Paving	Compacted Sub Grade Or Imported Fill Material	728	5%(	764)	SY	0.025	(19.11)	$ 68.3)	$ 1,305.1)	$ -	$ -	$ 1,305)		$ 1.91)	$ 1,499
					Dugout Pad														
375	L601	2-L603	DIV-32	Paving	16'-0"x 32'-0" Concrete Game Shade Dugout Pad w/ 6x6 W2.1xW2.1 welded wire Fabric (Model GD 12x12 As Manufactured By Sportsfield Specialties OR Approved Equal)	1	(	1)	EA	45.000	(45.00)	$ 68.3)	$ 3,073.3)	$ 9,850.0)	$ 9,850.0)	$ 12,923)		$ 15,063.77)	$ 15,064
376	L601	2-L603	DIV-	Paving	6" Process Aggregate Base CTDOT-M.05.01)	320	5%(	336)	SY	0.150	(50.40)	$ 68.3)	$ 3,442.1)	$ 6.8)	$ 2,284.8)	$ 5,727)		$ 19.47)	$ 6,541
377	L601	2-L603	32	Paving	Compacted Sub Grade Or Imported Fill Material	320	5%(	336)	SY	0.100	(33.60)	$ 68.3)	$ 2,294.8)	$ -	$ -	$ 2,295)		$ 7.63)	$ 2,562
					Paint														
378			DIV-	Site Paint	Paint Staright Traffic Single Arrows	(28)	(	28)	EA	0.150	(4.20)	$ 86.8)	$ 364.5)	$ 12.5)	$ 350.0)	$ 714)		$ 29.30)	$ 820
379	L606		32	Site Paint	Paint Turn Traffic Single Arrows	(2)	(	2)	EA	0.200	(0.40)	$ 86.8)	$ 34.7)	$ 14.8)	$ 29.5)	$ 64)		$ 36.80)	$ 74
380	L606		DIV-	Site Paint	(4" Wide) Double Yellow Traffic Line	8,832)	5%(	9,274)	LF	0.030	(278.21)	$ 86.8)	$ 24,142.3)	$ 0.9)	$ 7,882.5)	$ 32,025)		$ 3.91)	$ 36,204
381	L606		32	Site Paint	Double Yellow Skip Traffic Line	(47)	5%(	49)	LF	0.040	(1.97)	$ 86.8)	$ 171.3)	$ 0.9)	$ 44.4)	$ 216)		$ 4.94)	$ 244
382	L606		DIV-	Site Paint	(4" Wide) "White "Stripe	(585)	5%(	614)	LF	0.030	(18.43)	$ 86.8)	$ 1,599.1)	$ 0.8)	$ 491.4)	$ 2,091)		$ 3.85)	$ 2,365
383	L606		32	Site Paint	Painted White Cross Hatch	8,462)	5%(	8,885)	LF	0.050	(444.26)	$ 86.8)	$ 38,551.6)	$ 1.1)	$ 9,773.6)	$ 48,325)		$ 5.14)	$ 54,586
384	L606		DIV-	Site Paint	4" White ADA Parking Space Striping	(731)	5%(	768)	LF	0.060	(46.05)	$ 86.8)	$ 3,996.4)	$ 1.3)	$ 959.4)	$ 4,956)		$ 7.26)	$ 5,501
385	L606		32	Site Paint	40'-0" x 40'-0" Center Logo (Cored W/School For Logo Image) (Five Color)	1	(	1)	EA	8.000	(8.00)	$ 86.8)	$ 694.2)	$ 1,850.0)	$ 1,850.0)	$ 2,544)		$ 2,953.86)	$ 2,954
386	L606		DIV-	Site Paint	Paint on Handicap Parking Symbol (Blue)	7)	(	7)	EA	0.250	(1.75)	$ 86.8)	$ 151.9)	$ 18.5)	$ 129.5)	$ 281)		$ 46.07)	$ 322
387	L606		32	Site Paint	Paint on 6'-0"x 6'-0" Speed Hump Raised Crossing Chevron	7)	(	7)	EA	0.300	(2.10)	$ 86.8)	$ 182.2)	$ 22.8)	$ 159.3)	$ 341)		$ 55.93)	$ 391
388	L606		DIV-	Site Paint	Painted Traffic Stop Bar	(200)	5%(	210)	SF	0.040	(8.40)	$ 86.8)	$ 728.9)	$ 1.0)	$ 199.5)	$ 928)		$ 5.00)	$ 1,049
389	L606		32	Site Paint	Purple Paint On Tennis Court Slab	16848	5%(	17,690)	SF	0.020	(353.81)	$ 86.8)	$ 30,702.8)	$ 0.5)	$ 7,960.7)	$ 38,663)		$ 2.47)	$ 43,681
390	L606	L608	DIV-	Site Paint	Green Paint On Tennis Court Slab	22419.98	5%(	23,541)	SF	0.020	(470.82)	$ 86.8)	$ 40,856.8)	$ 0.5)	$ 10,593.4)	$ 51,450)		$ 2.47)	$ 58,177
391	L606		32	Site Paint	White Stripe Paint On Tennis Court Slab	2916	5%(	3,062)	LF	0.030	(91.85)	$ 86.8)	$ 7,970.9)	$ 0.6)	$ 1,837.1)	$ 9,808)		$ 3.62)	$ 11,049
					Joint														
392			DIV-32	Joint Sealants	Expansion Joint filler and tooled Edge	(5,905)	5%(	6,200)	LF	0.023	(142.61)	$ 69.7)	$ 9,943.5)	$ 0.5)	$ 2,790.1)	$ 12,734)		$ 2.32)	$ 14,397
					Erosion Control														
393	C411 - C442	C422	DIV-32	Erosion Control	Temporary Sediment Trap -01 Contributing Area: 1.61 AC Wet Storage: 113 CY Dry Storage: 113 CY W/ -(1) Trash Rack & Anti-Vortex Device -(1) 3000 PSI Cocrete Anchor, 2 x Dia. Sq. x 18" Thick Embed Riser 6" Min.	(1)	(	1)	EA	32.000	(32.00)	$ 61.5)	$ 1,967.8)	$ 8,250.0)	$ 8,250.0)	$ 10,218)		$ 11,939.86)	$ 11,940
394	C411 - C442	C422	DIV-32	Erosion Control	Temporary Sediment Trap -02 Contributing Area: 4.99 AC Wet Storage: 335 CY Dry Storage: 335 CY W/ -(1) Trash Rack & Anti-Vortex Device -(1) 3000 PSI Cocrete Anchor, 4 x Dia. Sq. x 24" Thick Embed Riser 6" Min.	(1)	(	1)	EA	48.000	(48.00)	$ 61.5)	$ 2,951.6)	$ 12,750.0)	$ 12,750.0)	$ 15,702)		$ 18,352.65)	$ 18,353
395	C411 - C442	C422	DIV-32	Erosion Control	16'-0" x 16'-0" Concrete Washout Area W/ -10 Mil Polyethylene Sheeting -Sand Bags (To Secure Sheeting) -Haybales Around Perimeter -24" x 24" Sign Listing Warning: "NOTICE CONCRETE WASH AREA" Silt Sack	(1)	(	1)	EA	12.000	(12.00)	$ 61.5)	$ 737.9)	$ 1,850.0)	$ 1,850.0)	$ 2,588)		$ 3,008.64)	$ 3,009
396	C411 - C442	C422	DIV-	Erosion Control	Manufacturer: AFC Environmental	(66)	(	66)	EA	0.250	(16.50)	$ 61.5)	$ 1,014.6)	$ 28.5)	$ 1,881.0)	$ 2,896)		$ 50.82)	$ 3,354
397	C411 - C442	C422	32	Erosion Control	**Tracking Pad**	(2,450)	5%(	2,573)	S	0.075	(192.94)	$ 61.5)	$ 11,864.2)	$ 6.5)	$ 16,721.3)	$ 28,585)		$ 12.83)	$ 32,993
398	C411 - C442	C422	DIV-	Erosion Control	6" Crushed Stone, CTDOT Grading No. 3	(2,450)	5%(	2,573)	S	0.022	(56.60)	$ 61.5)	$ 3,480.2)	$ 2.0)	$ 5,170.7)	$ 8,651)		$ 3.88)	$ 9,992
399	C411 - C442	C422	32	Erosion Control	Geotextile Manufacturer: Mirafi Model: 600X Or Approved Equal	(2,450)	5%(	2,573)	SY	0.020	(51.45)	$ 61.5)	$ 3,163.8)	$ 0.4)	$ 977.6)	$ 4,141)		$ 1.82)	$ 4,687
400	C411 - C442	C422	DIV-	Erosion Control	Construction Aces Road	(19,355)	5%(	20,323)	SF	0.150	(3,048.39)	$ 61.5)	$ 187,453.1)	$ 3.3)	$ 66,048.4)	$ 253,501)		$ 14.14)	$ 287,291
401	C411 - C442	C422	32	Erosion Control	Plywood Baffle	(19)	5%(	20)	LF	0.500	(10.20)	$ 61.5)	$ 626.9)	$ 12.8)	$ 260.0)	$ 887)		$ 49.39)	$ 1,007
402	C411 - C442	Specs	DIV-32	Erosion Control	3'-0" High Silt Fence W/ -2'-0" High Haybale Barrier -1.5" Sq. x 42" Long Hardwood Products Wooden Stakes -Geotextile Manufacturer: Propex Geosynthetics Model: Geotex 2130	(3,478)	5%(	3,651)	LF	0.400	(1,460.55)	$ 61.5)	$ 89,812.9)	$ 5.0)	$ 18,074.3)	$ 107,887)		$ 33.31)	$ 121,621
403	C411 - C442	Specs	DIV-32

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
404	C411 - C442		DIV-32	Erosion Control	Construction Fence	148	5%	155	LF	0.250	38.83	$ 61.5	$ 2,388.0	$ 2.5	$ 380.6	$ 2,769		$ 20.00	$ 3,134
405	C411 - C442		DIV-32	Erosion Control	18" HDPE Temporary Drainage Connection	79	5%	83	LF	0.600	49.61	$ 61.5	$ 3,050.4	$ 18.5	$ 1,529.5	$ 4,580		$ 63.04	$ 5,172
406	C411 - C442		DIV-32	Erosion Control	15" HDPE Temporary Drainage Connection	130	5%	136	LF	0.500	68.19	$ 61.5	$ 4,193.3	$ 15.8	$ 2,148.1	$ 6,341		$ 52.93	$ 7,239
407	C411 - C442		DIV-32	Erosion Control	12" HDPE Temporary Drainage Connection	72	5%	76	LF	0.400	30.28	$ 61.5	$ 1,862.1	$ 12.3	$ 927.4	$ 2,790		$ 42.97	$ 2,946
408	C411 - C442	Specs		Erosion Control	Erosion Control Blanket (Biodegradable Wood Excelsior, Straw Or Coconut Fiber Mat, Enclosed In A Photodegradable Plastic Mesh)	47,835	5%	50,227	SF	0.012	602.72	$ 61.5	$ 37,062.9	$ 1.9	$ 92,919.6	$ 129,982		$ 3.01	$ 151,114
					Fence														
409	L201	L201	DIV-32	Fencing and Gates - Wood	6'-0" High Decore Aluminium Fence and Gate W/ -8'-0" O.C Post	161	5%	169	LF	1.250	211.31	$ 79.6	$ 16,825.3	$ 28.5	$ 4,817.9	$ 21,643		$ 144.78	$ 24,475
410	L201	2-L504C	DIV-32	Fencing and Gates - Wood	6'-0" Ornamental Iron Fence W/ -3'x6'x 12 Ga Sq Post 8'-3" O.C -Terminal Panels	306	5%	321	LF	1.500	481.95	$ 79.6	$ 38,374.3	$ 42.8	$ 13,735.6	$ 52,110		$ 183.83	$ 59,068
411	L201	2-L504C	DIV-32	Fencing and Gates - Wood	6'-0" Ornamental Iron Fence W/ -3'x6'x 12 Ga Sq Post 8'-3" O.C -Terminal Panels	113	5%	119	LF	1.750	207.64	$ 79.6	$ 16,532.7	$ 65.3	$ 7,741.9	$ 24,275		$ 232.63	$ 27,602
412	L201	3-L603	DIV-32	Fencing and Gates - Wood	4'-0" High Chain Link Fence W/ -1.75" Fabric Diamond Mesh Interwoven 6 Guage Wire Knuckled selvage Top & Botom Black PVC Coated, Fuse Bonded -1.66" Diameter Top and Bottom Rail -2.5" Diameter Line Post 10'-0" O.C	2488.26	5%	2,613	LF	0.750	1,959.50	$ 79.6	$ 156,021.6	$ 13.0	$ 33,834.1	$ 189,856		$ 81.97	$ 214,155
413	L201	3-L603	DIV-32	Fencing and Gates - Wood	6'-0" High Chain Link Fence W/ -1.75" Fabric Diamond Mesh Interwoven 6 Guage Wire Knuckled selvage Top & Botom Black PVC Coated, Fuse Bonded -1.66" Diameter Top and Bottom Rail -2.5" Diameter Line Post 10'-0" O.C	4899	5%	5,144	LF	0.850	4,372.36	$ 79.6	$ 348,140.2	$ 15.3	$ 78,445.2	$ 426,585		$ 93.57	$ 481,339
414	L201	3-L603	DIV-32	Fencing and Gates - Wood	8'-0" High Chain Link Fence W/ -1.75" Fabric Diamond Mesh Interwoven 6 Guage Wire Knuckled selvage Top & Botom Black PVC Coated, Fuse Bonded -1.66" Diameter Top and Bottom Rail -2.5" Diameter Line Post 10'-0" O.C	375	5%	394	LF	1.100	433.13	$ 79.6	$ 34,486.7	$ 18.8	$ 7,382.8	$ 41,870		$ 119.93	$ 47,223
415	L201	3-L603	DIV-32	Fencing and Gates - Wood	10'-0" High Chain Link Fence W/ -1.75" Fabric Diamond Mesh Interwoven 6 Guage Wire Knuckled selvage Top & Botom Black PVC Coated, Fuse Bonded -1.66" Diameter Top and Bottom Rail -2.5" Diameter Line Post 10'-0" O.C	1100	5%	1,155	LF	1.500	1,732.50	$ 79.6	$ 137,946.8	$ 24.5	$ 28,297.5	$ 166,244		$ 162.28	$ 187,436
416	L201	1-L601	DIV-32	Fencing and Gates - Wood	30'-0" High Chain Link Fence Backstop W/ -Fabric to be 6 Guage -(5) 1 5/8" O.D Rail	86	5%	90	LF	4.250	383.78	$ 79.6	$ 30,557.3	$ 85.0	$ 7,675.5	$ 38,233		$ 478.20	$ 43,182
417	L201	1-L601	DIV-32	Fencing and Gates - Wood	20'-0" High Chain Link Fence Backstop W/ -Fabric to be 6 Guage -(5) 1 5/8" O.D Rail	80	5%	84	LF	3.500	294.00	$ 79.6	$ 23,409.2	$ 72.5	$ 6,090.0	$ 29,499		$ 396.77	$ 33,328
418			DIV-32	Landscaper	**IRRIGATION** Spray / Impact Irrigation Area	196,679	5%	206,513	SF	0.012	2,478.16	$ 62.3	$ 154,295.2	$ 1.0	$ 208,578.5	$ 362,874		$ 2.03	$ 418,592
					LANDSCAPING														
					SOD														
419			DIV-32	Landscaper	Natural Grass Sodded Lawn	91,847	5%	96,439	SF	0.004	385.76	$ 62.3	$ 24,018.0	$ 1.5	$ 145,623.4	$ 169,641		$ 2.06	$ 198,790
420			DIV-32	Landscaper	8" Top Soil	91,847	5%	96,439	SF	0.042	4,050.45	$ 62.3	$ 252,189.3	$ 1.2	$ 115,777.2	$ 367,917		$ 4.34	$ 418,238
421			DIV-32	Landscaper	12" Washed Sand	91,847		91,847	EA	0.028	2,571.72	$ 62.3	$ 160,120.2	$ 6.2	$ 569,451.4	$ 729,572		$ 9.27	$ 851,269
					PLANT SCHEDULE BASE BID														
					EVERGREEN														
422	AE101	AE101	DIV-32	Landscaper	Tag: TN, Botanical Name: Thuja occidentalis 'Nigra', Common Name: Black Arborvitae, Root: B&B, Size: 6-8' HT, 3-4' SP	10		10	EA	2.320	23.20	$ 62.3	$ 1,444.5	$ 350.0	$ 3,500.0	$ 4,944		$ 574.61	$ 5,746
423	AE101	AE101	DIV-32	Landscaper	Tag: TS, Botanical Name: Thuja occidentalis 'Smaragd', Common Name: Emerald Green Arborvitae, Root: B&B, Size: 6-8' HT, 3-4' SP	21		21	EA	2.320	48.72	$ 62.3	$ 3,033.4	$ 350.0	$ 7,350.0	$ 10,383		$ 574.61	$ 12,067
					ORNAMENTAL														
424	AE101	AE101	DIV-32	Landscaper	Tag: AG, Botanical Name: Amelanchier x grandiflora 'Autumn Brilliance', Common Name: Autumn Brilliance Apple Serviceberry, Root: B&B, Size: 10-12' HT, 7-8' SP	4		4	EA	3.254	13.03	$ 62.3	$ 810.4	$ 600.0	$ 2,400.0	$ 3,210		$ 934.78	$ 3,739
					SHADES TREE														
425	AE101	AE101	DIV-32	Landscaper	Tag: TR, Botanical Name: Tilia americana 'Redmond', Common Name: Redmond American Linden, Root: B&B, Size: 10-12' HT, 5-6' SP	3		3	EA	3.865	11.60	$ 62.3	$ 721.9	$ 950.0	$ 2,850.0	$ 3,572		$ 1,390.58	$ 4,172
					EVERGREEN SHRUBS														
426	AE101	AE101	DIV-32	Landscaper	Tag: JBS, Botanical Name: Juniperus squamata 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	69		69	EA	0.457	31.50	$ 62.3	$ 1,961.2	$ 55.0	$ 3,795.0	$ 5,756		$ 96.69	$ 6,671
427	AE101	AE101	DIV-32	Landscaper	Tag: JBS, Botanical Name: Juniperus conferta 'Blue Pacific', Common Name: Blue Pacific Shore Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	25		25	EA	0.498	12.45	$ 62.3	$ 775.2	$ 60.0	$ 1,500.0	$ 2,275		$ 105.48	$ 2,637
428	AE101	AE101	DIV-32	Landscaper	Tag: JF, Botanical Name: Juniperus chinensis 'Sea Green', Common Name: Sea Green Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	57		57	EA	0.457	26.02	$ 62.3	$ 1,620.1	$ 55.0	$ 3,135.0	$ 4,755		$ 96.69	$ 5,511
429	AE101	AE101	DIV-32	Landscaper	Tag: JF3, Botanical Name: Juniperus rigida conferta 'All Gold', Common Name: All Gold Shore Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	16		16	EA	0.398	6.37	$ 62.3	$ 396.9	$ 48.0	$ 768.0	$ 1,165		$ 84.38	$ 1,350
430	AE101	AE101	DIV-32	Landscaper	Tag: JS, Botanical Name: Juniperus chinensis 'Sargentii', Common Name: Sargent Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	23		23	EA	0.457	10.50	$ 62.3	$ 653.7	$ 55.0	$ 1,265.0	$ 1,919		$ 96.69	$ 2,224
431	AE101	AE101	DIV-32	Landscaper	Tag: JT, Botanical Name: Juniperus chinensis 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	66		66	EA	0.457	30.13	$ 62.3	$ 1,875.9	$ 55.0	$ 3,630.0	$ 5,506		$ 96.69	$ 6,381
					GROUND COVERS														
432	AE101	AE101	DIV-32	Landscaper	Tag: HHR, Botanical Name: Hemerocallis x 'Happy Returns', Common Name: Happy Returns Daylily, Root: #1 CONT., Size: Not specified	243		243	EA	0.250	60.75	$ 62.3	$ 3,782.4	$ 18.0	$ 4,374.0	$ 8,156		$ 18.64	$ 9,389
			DIV-33		**Utilities**												$ 5,989,436		
					Geothermal Bore Field System														
					Geothermal Bore														
433	MSU100	MSU601	DIV-33	Mechanical	Iow Loop Bores Well Depth: 500'-0' Bore Size: 6" Separation Distance: 30'-0' Grout Thermal Conductivity: 1.2 BTU/ H-FT-F Bore Thermal Conductivity: 1.53 BTU/ H-FT-F Required Heating Capacity: 2760,000 BTU Required Cooling Capacity: 2760,000 BTU	255		255	EA	8.000	2,040.00	$ 98.5	$ 200,959.4	$ -	$ 200,959			$ 879.89	$ 224,371
					Grease Waste Pipe														
434	MSU100	MSU501 to MSU602	DIV-33	Mechanical	12" GSWS	135	5%	142	LF	0.256	36.39	$ 98.5	$ 3,584.8	$ 7.7	$ 1,093.0	$ 4,678		$ 37.24	$ 5,293
435	MSU100	MSU501 to MSU602	DIV-33	Mechanical	12" GSWR	133	5%	139	LF	0.256	35.68	$ 98.5	$ 3,514.6	$ 7.7	$ 1,071.6	$ 4,586		$ 37.24	$ 5,180
436	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia GWS Pipe	14,609	5%	15,339	LF	0.064	981.78	$ 98.5	$ 96,714.7	$ 2.6	$ 39,728.3	$ 136,443		$ 10.10	$ 154,895
437	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2" Dia GWS Pipe	7,500	5%	7,875	LF	0.043	336.04	$ 98.5	$ 33,103.3	$ 2.2	$ 17,325.8	$ 50,429		$ 7.29	$ 57,429
438	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/2" Dia GWR Pipe	3,688	5%	3,873	LF	0.032	123.94	$ 98.5	$ 12,208.8	$ 2.2	$ 8,326.2	$ 20,535		$ 6.06	$ 23,444
439	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia GWS Pipe	131,087	5%	137,641	LF	0.027	3,670.71	$ 98.5	$ 361,600.1	$ 2.1	$ 293,175.3	$ 654,775		$ 5.45	$ 749,953
440	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia GWR Pipe	14,609	5%	15,339	LF	0.064	981.78	$ 98.5	$ 96,714.7	$ 2.6	$ 39,728.3	$ 136,443		$ 10.10	$ 154,895
441	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2" Dia GWR Pipe	7,500	5%	7,875	LF	0.043	336.04	$ 98.5	$ 33,103.3	$ 2.2	$ 17,325.8	$ 50,429		$ 7.29	$ 57,429
442	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/2" Dia GWR Pipe	3,688	5%	3,873	LF	0.032	123.94	$ 98.5	$ 12,208.8	$ 2.2	$ 8,326.2	$ 20,535		$ 6.06	$ 23,444
443	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia GWR Pipe	131,087	5%	137,641	LF	0.027	3,670.71	$ 98.5	$ 361,600.1	$ 2.1	$ 293,175.3	$ 654,775		$ 5.45	$ 749,953
			DIV-33		Note: Pipe Material Is HDPE														
			DIV-33																
			DIV-33																
					Geothermal Header Vault														
444	MSU100	MSU501 to MSU602	DIV-33	Mechanical	10'-0" x 21'-0" Geothermal Header Vault BY ISCO	1	5%	1	EA	240.000	252.00	$ 98.5	$ 24,824.4	$ 65,000.0	$ 68,250.0	$ 93,074		$ 103,158.52	$ 108,316
			DIV-33		**Connections**														
445	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia To 1-1/4" 90D Bend	192	5%	202	EA	0.494	99.56	$ 98.5	$ 9,807.6	$ 59.5	$ 11,995.2	$ 21,803		$ 124.58	$ 25,114
446	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2" Dia To 1-1/4" 90D Bend	132	5%	139	EA	0.349	48.32	$ 98.5	$ 4,759.6	$ 42.0	$ 5,821.2	$ 10,581		$ 87.94	$ 12,189
447	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/2" Dia To 1-1/4" 90D Bend	64	5%	67	EA	0.261	17.57	$ 98.5	$ 1,730.8	$ 31.5	$ 2,116.8	$ 3,848		$ 65.98	$ 4,437
448	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia 90D Bend	568	5%	596	EA	0.174	103.95	$ 98.5	$ 10,240.3	$ 21.0	$ 12,524.4	$ 22,765		$ 43.97	$ 26,274
449	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia 90D Bend	42	5%	44	EA	0.552	24.34	$ 98.5	$ 2,397.8	$ 66.5	$ 2,932.7	$ 5,330		$ 139.24	$ 6,149
450	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia 45D Bend	72	5%	76	EA	0.494	37.34	$ 98.5	$ 3,677.8	$ 59.5	$ 4,498.2	$ 8,176		$ 124.58	$ 9,416
451	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2" Dia 90D Bend	14	5%	15	EA	0.261	3.84	$ 98.5	$ 378.6	$ 31.5	$ 463.1	$ 842		$ 65.98	$ 970
452	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia 90D Bend	28	5%	29	EA	0.174	5.12	$ 98.5	$ 504.8	$ 21.0	$ 617.4	$ 1,122		$ 43.97	$ 1,293
453	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia 45D Bend	24	5%	25	EA	0.163	4.10	$ 98.5	$ 403.8	$ 19.6	$ 493.9	$ 898		$ 41.04	$ 1,034
454	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/4" Dia Tee	6	5%	6	EA	0.436	2.75	$ 98.5	$ 270.4	$ 52.5	$ 330.8	$ 601		$ 109.91	$ 691
455	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia Tee	118	5%	124	EA	1.278	158.37	$ 98.5	$ 15,600.8	$ 154.0	$ 19,080.6	$ 34,681		$ 322.40	$ 39,953
456	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2" Dia Tee	78	5%	82	EA	0.639	52.34	$ 98.5	$ 5,156.2	$ 77.0	$ 6,306.3	$ 11,463		$ 161.23	$ 13,204
457	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/2" Dia Tee	10	5%	11	EA	0.523	5.49	$ 98.5	$ 540.9	$ 63.0	$ 661.5	$ 1,202		$ 131.91	$ 1,385
458	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3",3",2" Dia Tee	46	5%	48	EA	1.859	89.80	$ 98.5	$ 8,846.1	$ 224.0	$ 10,819.2	$ 19,665		$ 469.02	$ 22,654
459	MSU100	MSU501 to MSU602	DIV-33	Mechanical	2",3",1-1/2" Dia Tee	50	5%	53	EA	1.278	67.11	$ 98.5	$ 6,610.5	$ 154.0	$ 8,085.0	$ 14,696		$ 322.40	$ 16,926
460	MSU100	MSU501 to MSU602	DIV-33	Mechanical	1-1/2",1-1/2",1-1/4" Dia Tee	54	5%	57	EA	0.872	49.41	$ 98.5	$ 4,867.8	$ 105.0	$ 5,953.5	$ 10,821		$ 219.85	$ 12,460
461	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia Wye Tee	10	5%	11	EA	1.162	12.20	$ 98.5	$ 1,201.9	$ 140.0	$ 1,470.0	$ 2,672		$ 293.14	$ 3,078
462	MSU100	MSU501 to MSU602	DIV-33	Mechanical	12" GSWS 90D Bend	2	5%	2	EA	4.230	8.88	$ 98.5	$ 875.1	$ 1,250.0	$ 2,625.0	$ 3,500		$ 1,941.43	$ 4,077
			DIV-33																
			DIV-33																
			DIV-33		**MISC**														
463	MSU100	MSU501 to MSU602	DIV-33	Mechanical	3" Dia Shut Off Valve	52		52	EA	4.210	218.92	$ 98.5	$ 21,565.7	$ 1,074.0	$ 55,848.0	$ 77,414		$ 1,731.38	$ 90,033
464	MSU100	MSU501 to MSU602	DIV-33	Mechanical	Thermometer	52		52	EA	1.230	63.96	$ 98.5	$ 6,300.7	$ 152.0	$ 7,904.0	$ 14,205		$ 314.79	$ 16,369
			DIV-33		**Water**														
					Piping														
465	C301 - C303		DIV-33	Utilities	10" Dia CL-52 Dip, MJ, Fully Restrained Fire Protection Loop	2,894	5%	3,039	LF	0.168	510.58	$ 82.4	$ 42,051.4	$ 55.0	$ 167,154.5	$ 209,206		$ 80.40	$ 244,952
466	C301 - C303		DIV-33	Utilities	6" Dia CL-52 Dip, MJ, Fully Restrained Fire Protection Loop	165	5%	173	LF	0.133	23.00	$ 82.4	$ 1,896.4	$ 17.1	$ 2,955.9	$ 4,852		$ 32.44	$ 5,008
467	C301 - C303		DIV-33	Utilities	18" Dia CL-52 Dip, MJ, Fully Restrained Domestic Water Service	9	5%	9	LF	0.270	2.55	$ 82.4	$ 209.9	$ 117.0	$ 1,104.4	$ 1,314		$ 163.00	$ 1,539
468	C301 - C303		DIV-33	Utilities	8" Dia CL-52 Dip, MJ, Fully Restrained Domestic Water Service	1,175	5%	1,234	LF	0.156	192.50	$ 82.4	$ 15,854.7	$ 31.5	$ 38,871.3	$ 54,726		$ 53.54	$ 63,669
469	C301 - C303		DIV-33	Utilities	2-1/2" Copper Domestic Water Service	20	5%	21	LF	0.246	5.18	$ 82.4	$ 427.0	$ 52.7	$ 1,110.6	$ 1,538		$ 84.86	$ 1,786
470	C301 - C303		DIV-33	Utilities	1-1/2" Copper Domestic Water Service	67	5%	70	LF	0.186	13.10	$ 82.4	$ 1,079.0	$ 16.3	$ 1,148.1	$ 2,227		$ 38.35	$ 2,565
			DIV-33																
			DIV-33																
					Connections														
471	C301 - C303		DIV-33	Utilities	8" Domestic Water Connection To Building	1		1	EA	4.251	4.25	$ 82.4	$ 350.1	$ 1,200.0	$ 1,200.0	$ 1,550		$ 1,804.04	$ 1,808
472	C301 - C303		DIV-33	Utilities	Saddle Connection To 8" Dip	1		1	EA	3.120	3.12	$ 82.4	$ 257.0	$ 400.0	$ 400.0	$ 657		$ 799.25	$ 799
473	C301 - C303		DIV-33	Utilities	Fire Department Connection	3		3	EA	3.425	10.28	$ 82.4	$ 846.2	$ 800.0	$ 2,400.0	$ 3,246		$ 1,253.75	$ 3,779
474	C301 - C303		DIV-33	Utilities	10" Fire Protection Service Connection To Building	1		1	EA	4.865	4.87	$ 82.4	$ 400.7	$ 1,800.0	$ 1,800.0	$ 2,201		$ 2,573.08	$ 2,573
475	C301 - C303		DIV-33	Utilities	12" x 12" x 10" Tee Connection To Existing 12" Dip Water Main	2		2	EA	6.254	12.51	$ 82.4	$ 1,030.2	$ 3,500.0	$ 7,000.0	$ 8,030		$ 4,308.42	$ 8,617
476	C301 - C303		DIV-33	Utilities	10" x 10" x 18" Tee	1		1	EA	5.230	5.23	$ 82.4	$ 430.7	$ 2,500.0	$ 2,500.0	$ 2,931		$ 3,433.31	$ 3,433
477	C301 - C303		DIV-33	Utilities	16" x 16" x 10" Tee	1		1	EA	5.120	5.12	$ 82.4	$ 421.7	$ 2,200.0	$ 2,200.0	$ 2,622		$ 3,068.90	$ 3,069
478	C301 - C303		DIV-33	Utilities	10" x 10" x 6" Tee	6		6	EA	5.000	30.00	$ 82.4	$ 2,470.8	$ 2,000.0	$ 12,000.0	$ 14,471		$ 2,821.68	$ 16,930
479	C301 - C303		DIV-33	Utilities	30 Degree Bend	3		3	EA	1.500	4.50	$ 82.4	$ 370.6	$ 150.0	$ 450.0	$ 821		$ 315.08	$ 945
480	C301 - C303		DIV-33	Utilities	22.5 Degree Bend	2		2	EA	1.250	2.50	$ 82.4	$ 205.9	$ 120.0	$ 240.0	$ 446		$ 258.66	$ 517
481	C301 - C303		DIV-33	Utilities	11.25 Degree Bend	13		13	EA	1.000	13.00	$ 82.4	$ 1,070.7	$ 80.0	$ 1,040.0	$ 2,111		$ 180.43	$ 2,346
482	C301 - C303		DIV-33	Utilities	1-1/2" Tap & Connection	2		2	EA	1.230	2.46	$ 82.4	$ 202.6	$ 120.0	$ 240.0	$ 443		$ 254.82	$ 510
			DIV-33																
			DIV-33																
			DIV-33																
					Fixtures														
483	C301 - C303	SD-2/CS32	DIV-33	Utilities	10" Gate Valve W/ -(2) Mechanical Joint Restraints -Tracer Wire -Valve Box And Cover	3		3	EA	6.726	20.18	$ 82.4	$ 1,661.9	$ 3,500.0	$ 10,500.0	$ 12,162		$ 4,751.82	$ 14,255
484	C301 - C303	SD-2/CS32	DIV-33	Utilities	8" Gate Valve W/ -(2) Mechanical Joint Restraints -Tracer Wire -Valve Box And Cover	1		1	EA	5.605	5.61	$ 82.4	$ 461.6	$ 2,500.0	$ 2,500.0	$ 2,962		$ 3,467.79	$ 3,468
485	C301 - C303	SD-2/CS32	DIV-33	Utilities	6" Gate Valve W/ -(2) Mechanical Joint Restraints -Tracer Wire -Valve Box And Cover	8		8	EA	4.484	35.87	$ 82.4	$ 2,954.4	$ 1,500.0	$ 12,000.0	$ 14,954		$ 2,183.75	$ 17,470
486	C301 - C303		DIV-33	Utilities	Curb Box And Valve	1		1	EA	3.210	3.21	$ 82.4	$ 264.4	$ 350.0	$ 350.0	$ 614		$ 708.51	$ 709
487	C301 - C303	CS32	DIV-33	Utilities	**Water Meter Vault** Water Meter W/ -Comparison Flanges -(2) Gate Valve -(1) Ball Valve -(1) Check Valve -(2) Ball Valve Or O.S. & Y. Gate Valve -(1) 2'-6" x 2'-6" Bilco Type J Door AWC Approved Ductile Iron Fire Hydrant W/ -(3) Restrained Mechanical Joints -(1) 6" MJ Gate Valve With Resilient Seat -(1) Valve Box And Cover -(3) Wooden Blocks -(2) Thrust Blocks -(1) 4'-0" x 4'-0" x 8" Concrete Pad	1		1	EA	44.840	44.84	$ 82.4	$ 3,693.0	$ 18,000.0	$ 18,000.0	$ 21,693		$ 25,380.40	$ 25,380
488	C301 - C303	SD-8/CS31	DIV-33	Utilities		7		7	EA	13.452	94.16	$ 82.4	$ 7,755.3	$ 7,500.0	$ 52,500.0	$ 60,255		$ 10,094.12	$ 70,659
					Sanitary														
					Piping														
489	C301 - C304		DIV-33	Utilities	8" PVC Sanitary Sewer Line	1,251	5%	1,313	LF	0.236	309.97	$ 82.4	$ 25,529.0	$ 33.1	$ 43,474.3	$ 69,003		$ 60.79	$ 79,844
490	C301 - C304		DIV-33	Utilities	6" PVC Sanitary Sewer Line	420	5%	441	LF	0.231	101.98	$ 82.4	$ 8,399.1	$ 18.6	$ 8,211.4	$ 16,610		$ 43.21	$ 19,075
491	C301 - C304		DIV-33	Utilities	4" PVC Sanitary Sewer Line	99	5%	104	LF	0.177	18.43	$ 82.4	$ 1,517.8	$ 10.1	$ 1,051.6	$ 2,569		$ 28.20	$ 2,977
492	C301 - C304		DIV-33	Utilities	4" PVC Vent Pipe	40	5%	42	LF	0.177	7.42	$ 82.4	$ 611.2	$ 10.1	$ 423.5	$ 1,035		$ 28.20	$ 1,182
			DIV-33																
			DIV-33																
					Connections														
493	C301 - C304		DIV-33	Utilities	6" Sanitary Lateral Connection To Building	1,251		1,251	EA	2.075	2,595.58	$ 82.4	$ 213,771.6	$ 250.0	$ 312,720.0	$ 526,492		$ 486.04	$ 607,984
494	C301 - C304		DIV-33	Utilities	4" Sanitary Lateral Connection To Building	420		420	EA	0.664	279.18	$ 82.4	$ 22,993.2	$ 80.0	$ 33,636.0	$ 56,629		$ 155.53	$ 65,194
495	C301 - C304		DIV-33	Utilities	8" x 8" x 6" Wye	99		99	EA	1.826	181.07	$ 82.4	$ 14,912.6	$ 220.0	$ 21,815.2	$ 36,728		$ 427.72	$ 42,619
496	C301 - C304		DIV-33	Utilities	8" x 8" x 4" Wye	40		40	EA	1.743	69.60	$ 82.4	$ 5,732.1	$ 210.0	$ 8,385.3	$ 14,117		$ 408.28	$ 16,939
497	C301 - C304		DIV-33	Utilities	4" x 4" x 4" Wye	2		2	EA	0.498	1.00	$ 82.4	$ 82.0	$ 60.0	$ 120.0	$ 202		$ 116.65	$ 233
			DIV-33																
			DIV-33																
			DIV-33																

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
					Fixtures														
498	C301 - C304		DIV-33	Utilities	Test Pit (To Determine The Exact Location & Elevation Of Existing Sanitary Sewer)	(3)		(3)	EA	4.000	(12.00)	$ 82.4)	$ 988.3)	$ 250.0)	$ 750.0)	$ 1,738)		$ 663.06)	$ 1,989)
499	C301 - C304	1/C541	DIV-33	Utilities	48" Dia Sanitary Manhole W/ - (9) Polypropylene Steps (Having Copolymer Polypropylene Plastic 1/2" Grade 60 Steel Reinforcement) -Manhole Cover: Campbell Foundry Company, Pattern 1227	(8)		(8)	EA	65.000	(520.00)	$ 82.4)	$ 42,827.2)	$ 4,200.0)	$ 33,600.0)	$ 76,427)		$ 10,937.07)	$ 87,497)
500	C301 - C304		DIV-33	Utilities	Sanitary Manhole (Detail Not Given)	(2)		(2)	EA	60.000	(120.00)	$ 82.4)	$ 9,883.2)	$ 3,500.0)	$ 7,000.0)	$ 16,883)		$ 9,650.63)	$ 19,301)
501	C301 - C304	4/C542	DIV-33	Utilities	OWS-01, 12000 Gallon Oil/Water Separator W/ -(1) 21'-2" x 11'-2" x 10'-0" Precast Concrete Grease Interceptor -(2) Galvanized Riser Support -(1) 6" PVC Double Tee Manifold -(1) Baffle -(2) SCH 40 PVC Piping (Provided Loose) -(2) Resilient Rubber Boot -(3) 24" Cast Iron Ring & Cover -(5) 4" Vent Sleeve -(2) 8" Dia Hole -(2) 7'-0" x 1'-0" Opening -(1) Joint Sealed W/ Plastic Flexible Gasket (Ramnek) -(1) Nameplate Indicating : (MFG: ParkUSA.COM 888-611-PARK Model: GT-04 Date Manufactured) -Tapered Wall -Concrete Extension Rings An Required -(1) Service Alert Panel, W/ Audible & Visula Alarm (NEMA 4X) -(1) Grease Sensor (NEMA 7)	(1)		(1)	EA	200.000	(200.00)	$ 82.4)	$ 16,472.0)	$ 85,620.0)	$ 85,620.0)	$ 102,092)		$ 119,504.14)	$ 119,504)
502	C301 - C304	5/C542	DIV-33	Utilities	OWS-01, 9'-6" x 5'-6", 1500 Galon Oil/Water Separator W/ -(2) Manholes -(1) 3" PVC Vent Pipe -(2) PVC Tee Section -Non Shrinking Grout Coated With Waterproof Sealant -Interior & Exterior Protective Coating 8" Sanitary Sewer Cleanout W/	(2)		(2)	EA	40.000	(80.00)	$ 82.4)	$ 6,588.8)	$ 8,000.0)	$ 16,000.0)	$ 22,589)		$ 13,125.82)	$ 26,252)
503	C301 - C304	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad 6" Sanitary Sewer Cleanout W/	(4)		(4)	EA	6.000	(24.00)	$ 82.4)	$ 1,976.6)	$ 450.0)	$ 1,800.0)	$ 3,777)		$ 1,083.16)	$ 4,333)
504	C301 - C304	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad 4" Sanitary Sewer Cleanout W/	(3)		(3)	EA	5.000	(15.00)	$ 82.4)	$ 1,235.4)	$ 350.0)	$ 1,050.0)	$ 2,285)		$ 873.11)	$ 2,619)
505	C301 - C304	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad Drop Outside Manhole	(1)		(1)	EA	4.000	(4.00)	$ 82.4)	$ 329.4)	$ 300.0)	$ 300.0)	$ 629)		$ 722.11)	$ 722)
506	C301 - C304		DIV-33	Utilities	4" PVC Vent	(1)		(1)	E A	18.000	(18.00)	$ 82.4)	$ 1,482.5)	$ 900.0)	$ 900.0)	$ 2,382)		$ 2,718.05)	$ 2,718)
507	C301 - C304		DIV-33	Utilities		(3)		(3)	E A	0.500	(1.50)	$ 82.4)	$ 123.5)	$ 30.0)	$ 90.0)	$ 214)		$ 81.41)	$ 244)
					Stormwater Management														
					Piping														
508	C200 - C204		DIV-33	Utilities	10" Reinforced Concrete Pipe	(817)	5%	858)	L F	0.550	(471.87)	$ 82.4)	$ 38,863.2)	$ 185.0)	$ 158,719.7)	$ 197,583)		$ 269.05)	$ 230,831)
509	C200 - C204		DIV-33	Utilities	24" PVC Storm Sewer Line	(1,053)	5%	1,106)	L F	0.461	(509.33)	$ 82.4)	$ 41,948.5)	$ 95.4)	$ 105,549.3)	$ 147,498)		$ 155.04)	$ 171,484)
510	C200 - C204		DIV-33	Utilities	18" PVC Storm Sewer Line	(1,335)	5%	1,402)	L F	0.345	(484.05)	$ 82.4)	$ 39,866.3)	$ 71.6)	$ 100,310.2)	$ 140,177)		$ 116.23)	$ 162,972)
511	C200 - C204		DIV-33	Utilities	15" PVC Storm Sewer Line	(1,696)	5%	1,780)	L F	0.288	(512.41)	$ 82.4)	$ 42,202.3)	$ 59.6)	$ 106,187.9)	$ 148,390)		$ 96.90)	$ 172,529)
512	C200 - C204		DIV-33	Utilities	12" PVC Storm Sewer Line	(2,847)	5%	2,990)	L F	0.275	(822.19)	$ 82.4)	$ 67,715.3)	$ 40.6)	$ 121,444.5)	$ 189,160)		$ 79.26)	$ 219,024)
513	C200 - C204		DIV-33	Utilities	10" PVC Storm Sewer Line	(156)	5%	164)	L F	0.252	(41.25)	$ 82.4)	$ 3,397.4)	$ 33.7)	$ 5,511.6)	$ 8,909)		$ 62.84)	$ 10,166)
514	C200 - C204		DIV-33	Utilities	8" PVC Storm Sewer Line	(946)	5%	993)	L F	0.236	(234.32)	$ 82.4)	$ 19,298.4)	$ 33.1)	$ 32,864.0)	$ 52,162)		$ 60.73)	$ 60,357)
515	C200 - C204		DIV-33	Utilities	6" PVC Storm Sewer Line	(308)	5%	323)	L F	0.231	(74.71)	$ 82.4)	$ 6,153.3)	$ 18.6)	$ 6,015.8)	$ 12,169)		$ 43.21)	$ 13,971)
516	C200 - C204		DIV-33	Utilities	4" PVC Storm Sewer Line	(41)	5%	43)	L F	0.177	(7.64)	$ 82.4)	$ 629.4)	$ 10.1)	$ 436.1)	$ 1,065)		$ 28.20)	$ 1,218)
517	C200 - C204		DIV-33	Utilities	8" PVC Area Drain Collection Header	(184)	5%	193)	L F	0.236	(45.59)	$ 82.4)	$ 3,754.8)	$ 33.1)	$ 6,394.2)	$ 10,149)		$ 60.79)	$ 11,744)
518	C200 - C204		DIV-33	Utilities	6" Perforated PVC Underdrain System Line	(1,779)	5%	1,868)	L F	0.231	(431.47)	$ 82.4)	$ 35,536.0)	$ 18.6)	$ 34,741.9)	$ 70,278)		$ 43.21)	$ 80,700)
519	C200 - C204		DIV-33	Utilities	6" Perforated PVC Retaining Wall Underdrain System Line	(319)	5%	335)	L F	0.231	(77.32)	$ 82.4)	$ 6,368.3)	$ 18.6)	$ 6,226.0)	$ 12,594)		$ 43.21)	$ 14,483)
520	C200 - C204		DIV-33	Utilities	6" Perforated PVC Underdrain	(757)	5%	795)	L F	0.231	(183.63)	$ 82.4)	$ 15,123.7)	$ 18.6)	$ 14,785.8)	$ 29,910)		$ 43.21)	$ 34,347)
521	C200 - C204		DIV-33	Utilities	Utility Pipe 1 (Detail Not Given)	(443)	5%	465)	L F	0.231	(107.45)	$ 82.4)	$ 8,850.0)	$ 18.6)	$ 8,652.2)	$ 17,502)		$ 43.21)	$ 20,099)
522	C200 - C204		DIV-33	Utilities	Utility Pipe 2 (Detail Not Given)	(1,065)	5%	1,118)	L F	0.231	(258.32)	$ 82.4)	$ 21,275.3)	$ 18.6)	$ 20,798.8)	$ 42,075)		$ 43.21)	$ 48,312)
					Connections														
523	C200 - C204		DIV-33	Utilities	Cleanout Connection to 8" Outlet Pipe	(2)		(2)	E A	3.500	(7.00)	$ 82.4)	$ 576.5)	$ 120.0)	$ 240.0)	$ 817)		$ 463.56)	$ 927)
524	C200 - C204		DIV-33	Utilities	Core & Connection To Existing Structure	(2)		(2)	E A	4.500	(9.00)	$ 82.4)	$ 741.2)	$ 90.0)	$ 180.0)	$ 921)		$ 520.08)	$ 1,040)
525	C200 - C204		DIV-33	Utilities	10" Tap & Connection	(4)		(4)	E A	6.000	(24.00)	$ 82.4)	$ 1,976.6)	$ 300.0)	$ 1,200.0)	$ 3,177)		$ 906.02)	$ 3,624)
526	C200 - C204		DIV-33	Utilities	6" Tap & Connection	(1)		(1)	E A	3.500	(3.50)	$ 82.4)	$ 288.3)	$ 85.0)	$ 85.0)	$ 373)		$ 422.22)	$ 422)
					Fixtures														
527			DIV-33	Utilities	TD-01, Trench Drain W/ Sump	(188)	5%	198)	LF	0.850	(168.19)	$ 82.4)	$ 13,852.3)	$ 150.0)	$ 29,680.9)	$ 43,533)		$ 255.30)	$ 50,518)
					Cascade														
528			DIV-33	Utilities	WCS-01, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	65.000	(65.00)	$ 82.4)	$ 5,353.4)	$ 18,000.0)	$ 18,000.0)	$ 23,353)		$ 27,234.22)	$ 27,234)
529			DIV-33	Utilities	WCS-01B, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	65.000	(65.00)	$ 82.4)	$ 5,353.4)	$ 18,000.0)	$ 18,000.0)	$ 23,353)		$ 27,234.22)	$ 27,234)
530			DIV-33	Utilities	WCS-02, Cascade CS-5 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	90.000	(90.00)	$ 82.4)	$ 7,412.4)	$ 25,000.0)	$ 25,000.0)	$ 32,412)		$ 37,799.76)	$ 37,800)
531			DIV-33	Utilities	WCS-02A, Cascade CS-3 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	50.000	(50.00)	$ 82.4)	$ 4,118.0)	$ 12,000.0)	$ 12,000.0)	$ 16,118)		$ 18,769.18)	$ 18,769)
532			DIV-33	Utilities	WCS-03, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	65.000	(65.00)	$ 82.4)	$ 5,353.4)	$ 18,000.0)	$ 18,000.0)	$ 23,353)		$ 27,234.22)	$ 27,234)
533			DIV-33	Utilities	WCS-03A, Cascade CS-3 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	50.000	(50.00)	$ 82.4)	$ 4,118.0)	$ 12,000.0)	$ 12,000.0)	$ 16,118)		$ 18,769.18)	$ 18,769)
534			DIV-33	Utilities	WCS-04, Cascade CS-5 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	90.000	(90.00)	$ 82.4)	$ 7,412.4)	$ 25,000.0)	$ 25,000.0)	$ 32,412)		$ 37,799.76)	$ 37,800)
535			DIV-33	Utilities	WCS-05, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	65.000	(65.00)	$ 82.4)	$ 5,353.4)	$ 18,000.0)	$ 18,000.0)	$ 23,353)		$ 27,234.22)	$ 27,234)
536			DIV-33	Utilities	WCS-06, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser - Top Of Slab Access	(1)		(1)	EA	65.000	(65.00)	$ 82.4)	$ 5,353.4)	$ 18,000.0)	$ 18,000.0)	$ 23,353)		$ 27,234.22)	$ 27,234)
					Infiltration System														
537			DIV-33	Utilities	INF-01, 5'-0" Retain-It	(1)		(1)	EA	48.000	(48.00)	$ 82.4)	$ 3,953.3)	$ 4,500.0)	$ 4,500.0)	$ 8,453)		$ 9,728.12)	$ 9,728)
538			DIV-33	Utilities	8'-0" x 8'-0" x 5'-8" Deep Chamber (25 EA)	(2,018)		(2,119)	SF	0.004	(8.48)	$ 82.4)	$ 698.1)	$ 0.3)	$ 635.7)	$ 1,334)		$ 0.72)	$ 1,526)
539			DIV-33	Utilities	Geotextile Mirafi 140N	(2,018)	5%	2,119)	SF	0.020	(42.38)	$ 82.4)	$ 3,490.3)	$ 3.0)	$ 6,356.7)	$ 9,847)		$ 5.38)	$ 11,424)
					Stone Base		5%												
540			DIV-33	Utilities	INF-02, 5'-0" Retain-It	(1)		(1)	EA	48.000	(48.00)	$ 82.4)	$ 3,953.3)	$ 4,500.0)	$ 4,500.0)	$ 8,453)		$ 9,728.12)	$ 9,728)
541			DIV-33	Utilities	8'-0" x 8'-0" x 5'-8" Chamber (38 EA)	(2,663)	5%	2,796)	SF	0.004	(11.18)	$ 82.4)	$ 921.2)	$ 0.3)	$ 838.8)	$ 1,760)		$ 0.72)	$ 2,015)
542			DIV-33	Utilities	Geotextile Mirafi 140N	(2,663)	5%	2,796)	SF	0.020	(55.92)	$ 82.4)	$ 4,605.8)	$ 3.0)	$ 8,388.5)	$ 12,994)		$ 5.38)	$ 15,049)
					Stone Base		5%												
543			DIV-33	Utilities	INF-03, 5'-0" Retain-It	(1)		(1)	EA	48.000	(48.00)	$ 82.4)	$ 3,953.3)	$ 4,500.0)	$ 4,500.0)	$ 8,453)		$ 9,728.12)	$ 9,728)
544			DIV-33	Utilities	8'-0" x 8'-0" x 5'-8" Chamber (36 EA)	(2,625)		(2,756)	SF	0.004	(11.03)	$ 82.4)	$ 908.0)	$ 0.3)	$ 826.9)	$ 1,735)		$ 0.72)	$ 1,990)
545			DIV-33	Utilities	Geotextile Mirafi 140N	(2,625)	5%	2,756)	SF	0.020	(55.13)	$ 82.4)	$ 4,540.1)	$ 3.0)	$ 8,268.8)	$ 12,809)		$ 5.38)	$ 14,814)
					Stone Base		5%												
546			DIV-33	Utilities	INF-04, 5'-0" Retain-It	(1)		(1)	EA	48.000	(48.00)	$ 82.4)	$ 3,953.3)	$ 4,500.0)	$ 4,500.0)	$ 8,453)		$ 9,728.12)	$ 9,728)
547			DIV-33	Utilities	8'-0" x 8'-0" x 5'-8" Chamber (52 EA)	(3,401)		(3,571)	SF	0.004	(14.28)	$ 82.4)	$ 1,176.4)	$ 0.3)	$ 1,071.3)	$ 2,248)		$ 0.72)	$ 2,576)
548			DIV-33	Utilities	Geotextile Mirafi 140N	(3,401)	5%	3,571)	SF	0.020	(71.42)	$ 82.4)	$ 5,882.2)	$ 3.0)	$ 10,713.2)	$ 16,595)		$ 5.38)	$ 19,213)
					Stone Base		5%												
549			DIV-33	Utilities	INF-05, 5'-0" Retain-It	(1)		(1)	EA	48.000	(48.00)	$ 82.4)	$ 3,953.3)	$ 4,500.0)	$ 4,500.0)	$ 8,453)		$ 9,728.12)	$ 9,728)
550			DIV-33	Utilities	8'-0" x 8'-0" x 5'-8" Chamber (25 EA)	(1,763)		(1,851)	SF	0.004	(7.40)	$ 82.4)	$ 609.8)	$ 0.3)	$ 555.3)	$ 1,165)		$ 0.72)	$ 1,337)
551			DIV-33	Utilities	Geotextile Mirafi 140N	(1,763)	5%	1,851)	SF	0.020	(37.02)	$ 82.4)	$ 3,049.2)	$ 3.0)	$ 5,553.5)	$ 8,603)		$ 5.38)	$ 9,963)
					Stone Base		5%												
552	C201 - C204	2/C503	DIV-33	Utilities	OCS-01, Outlet Control Structure W/ -(1) Twin 11" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227	(1)		(1)	EA	12.630	(12.63)	$ 82.4)	$ 1,040.2)	$ 7,000.0)	$ 7,000.0)	$ 8,040)		$ 9,428.06)	$ 9,428)
553	C201 - C204	3/C503	DIV-33	Utilities	OCS-02, Outlet Control Structure W/ -(1) 10" Wide x 10" High Rectangular Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227	(1)		(1)	EA	16.250	(16.25)	$ 82.4)	$ 1,338.4)	$ 9,000.0)	$ 9,000.0)	$ 10,338)		$ 12,122.84)	$ 12,123)
554	C201 - C204	4/C503	DIV-33	Utilities	OCS-03, Outlet Control Structure W/ -(1) Triple 10" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227	(1)		(1)	EA	14.520	(14.52)	$ 82.4)	$ 1,195.9)	$ 8,000.0)	$ 8,000.0)	$ 9,196)		$ 10,782.81)	$ 10,783)
555	C201 - C204	6/C503	DIV-33	Utilities	OCS-04, Outlet Control Structure W/ -(1) Triple 11.5" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227	(1)		(1)	EA	17.230	(17.23)	$ 82.4)	$ 1,419.1)	$ 9,500.0)	$ 9,500.0)	$ 10,919)		$ 12,803.43)	$ 12,803)
556	C201 - C204	7/C503	DIV-33	Utilities	OCS-05, Outlet Control Structure W/ -(1) 3" Orifice -(1) 4" Orifice -(1) 9" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227 8" Area Drain Cleanout W/	(1)		(1)	EA	12.500	(12.50)	$ 82.4)	$ 1,029.5)	$ 6,000.0)	$ 6,000.0)	$ 7,030)		$ 8,235.15)	$ 8,235)
557	C201 - C204	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad 8" Cleanout W/	(2)		(2)	EA	3.458	(6.92)	$ 82.4)	$ 569.6)	$ 450.0)	$ 900.0)	$ 1,470)		$ 849.41)	$ 1,699)
558	C201 - C204	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad 6" Cleanout W/	(1)		(1)	EA	3.562	(3.56)	$ 82.4)	$ 293.4)	$ 400.0)	$ 400.0)	$ 693)		$ 799.92)	$ 800)
559	C201 - C204	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-260 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCC03340 Concrete Pad Manhole (Detail Not Given)	(27)		(27)	EA	3.524	(95.15)	$ 82.4)	$ 7,836.4)	$ 350.0)	$ 9,450.0)	$ 17,286)		$ 737.38)	$ 19,909)
560	C201 - C204		DIV-33	Utilities		(15)		(15)	EA	6.254	(93.81)	$ 82.4)	$ 7,726.2)	$ 3,500.0)	$ 52,500.0)	$ 60,226)		$ 4,708.42)	$ 70,626)

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
561	C201 - C204		DIV-33	Utilities	Catch Basin (Detail Not Given)	2)		2)	EA	4.620	9.24)	$ 82.4)	$ 761.0)	$ 1,200.0)	$ 2,400.0)	$ 3,161)		$ 1,841.97)	$ 3,684)
562	C201 - C204		DIV-33	Utilities	Yard Drain (Detail Not Given)	11)		11)	EA	3.524	38.76)	$ 82.4)	$ 3,192.6)	$ 350.0)	$ 3,850.0)	$ 7,043)		$ 737.38)	$ 8,111)
					Manholes														
563	C201 - C204	4/C504	DIV-33	Utilities	48" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	38)		38)	EA	33.600	1,276.80)	$ 82.4)	$ 105,157.2)	$ 3,500.0)	$ 133,000.0)	$ 238,157)		$ 7,223.02)	$ 274,475)
564	C201 - C204	4/C504	DIV-33	Utilities	60" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1)		1)	EA	44.800	44.80)	$ 82.4)	$ 3,689.7)	$ 5,000.0)	$ 5,000.0)	$ 8,690)		$ 10,024.34)	$ 10,024)
565	C201 - C204	4/C504	DIV-33	Utilities	72" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	4)		4)	EA	56.000	224.00)	$ 82.4)	$ 18,448.6)	$ 7,500.0)	$ 30,000.0)	$ 48,449)		$ 14,006.62)	$ 56,026)
566	C201 - C204	4/C504	DIV-33	Utilities	48" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	8)		8)	EA	20.160	161.28)	$ 82.4)	$ 13,283.0)	$ 2,500.0)	$ 20,000.0)	$ 33,283)		$ 4,806.19)	$ 38,450)
567	C201 - C204	4/C504	DIV-33	Utilities	60" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1)		1)	EA	26.880	26.88)	$ 82.4)	$ 2,213.8)	$ 3,500.0)	$ 3,500.0)	$ 5,714)		$ 6,605.08)	$ 6,605)
568	C201 - C204	4/C504	DIV-33	Utilities	72" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1)		1)	EA	33.600	33.60)	$ 82.4)	$ 2,767.3)	$ 5,000.0)	$ 5,000.0)	$ 7,767)		$ 8,994.45)	$ 8,994)
569	C201 - C204	4/C504	DIV-33	Utilities	Eccentric Cylindrical Structure W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	2)		2)	EA	67.200	134.40)	$ 82.4)	$ 11,069.2)	$ 8,000.0)	$ 16,000.0)	$ 27,069)		$ 15,626.99)	$ 31,254)
					Catch Basin														
570	C201 - C204	3/C501	DIV-33	Utilities	Type "C" Catch Basin W/ -(1) Catch Basin Trap -(1) Grate Pattern: Campbell Foundry Co. 2617	34)		34)	EA	24.000	816.00)	$ 82.4)	$ 67,205.8)	$ 1,200.0)	$ 40,800.0)	$ 108,006)		$ 3,624.06)	$ 123,218)
571	C201 - C204	2/C501	DIV-33	Utilities	Type "CL" Catch Basin W/ -(1) Catch Basin Trap -(1) Grate Pattern: Campbell Foundry Co. 3408	12)		12)	EA	30.000	360.00)	$ 82.4)	$ 29,649.6)	$ 1,600.0)	$ 19,200.0)	$ 48,850)		$ 4,648.17)	$ 55,778)
572	C201 - C204	3/C501	DIV-33	Utilities	Type "C" Double Catch Basin W/ -(2) Catch Basin Trap -(2) Grate Pattern: Campbell Foundry Co. 2617	3)		3)	EA	36.000	108.00)	$ 82.4)	$ 8,894.9)	$ 2,200.0)	$ 6,600.0)	$ 15,495)		$ 5,908.47)	$ 17,725)
573	C201 - C204	2/C501	DIV-33	Utilities	Type "CL" Double Catch Basin W/ -(2) Catch Basin Trap -(2) Grate Pattern: Campbell Foundry Co. 3408	1)		1)	EA	44.000	44.00)	$ 82.4)	$ 3,623.8)	$ 2,800.0)	$ 2,800.0)	$ 6,424)		$ 7,352.68)	$ 7,353)
					Yard Drain														
574	C201 - C203A	7/C501	DIV-33	Utilities	Yard Drain W/ -(1) Grate, Material: Gray Cast Iron, Pattern: Campbell 2382C	26)		26)	EA	3.256	84.66)	$ 82.4)	$ 6,972.3)	$ 350.0)	$ 9,100.0)	$ 16,072)		$ 712.74)	$ 18,531)
					Area Drain														
575	C202 - C203A	8/C507	DIV-33	Utilities	Area Drain W/ -(1) Grate: Josam 4143-F-SB-VP, Material: Stainless Steel 304 Grate	20)		20)	EA	3.854	77.08)	$ 82.4)	$ 6,348.3)	$ 520.0)	$ 10,400.0)	$ 16,748)		$ 968.49)	$ 19,370)
					Gas														
					Piping														
576	C312 - C314		DIV-33	Utilities	8" PL Natural Gas Service	1,367)	5%	1,436)	LF	0.658	944.70)	$ 82.4)	$ 77,805.1)	$ 48.0)	$ 68,913.9)	$ 146,719)		$ 117.19)	$ 168,253)
					Connections														
577	C314		DIV-33	Utilities	Natural Gas Service Connection to Existing	1)		1)	EA	3.210	3.21)	$ 82.4)	$ 264.4)	$ 320.0)	$ 320.0)	$ 584)		$ 673.08)	$ 673)
					Fixture														
578	C312		DIV-33	Utilities	Gas Meter (For VO-AG Building By Utility Company)	1)		1)	E A		-)X5	- $ 82.4)	$ -		$ -)	$ -)		$ -)	$ -
579	C312		DIV-33	Utilities	Gas Meter (For New High School Building By Utility Company)	1)		1)	E A		-)X5	- $ 82.4)	$ -)		$ -)	$ -)		$ -)	$ -)
SUB TOTAL										**Total Lab. Hours =**	**258,802)**	**Total Lab. Cost =**	**$ 19,588,078)**	**Total Mat. Cost =**	**$ 17,133,869)**	**$ 36,670,843)**	**$ 36,670,843)**		**$ 42,104,375)**
MATERIAL TAX												**6.4%**			**$ 1,088,001)**	**$ 1,088,001)**	**$ 1,088,001)**		
OVERHEAD & PROFIT / INFLATION (Material)												**10%**			**$ 1,713,387)**	**$ 1,713,387)**	**$ 1,713,387)**		
OVERHEAD & PROFIT (Labor)												**10%**	**$ 1,958,808)**		**$ -**	**$ 1,958,808)**	**$ 1,958,808)**		
BOND FEE												**1.5%**	**$ 322,203)**		**$ 299,029)**	**$ 622,232)**	**$ 622,232)**		
TOTAL BASE BID													**$ 21,870,089)**		**$ 20,234,286)**	**$ 42,053,270)**	**$ 42,053,270)**		
																			$ 42,104,375)

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

COST SUMMARY

Date: 45882
Project: Westhill High School
Project Location: 125 Roxbury Road Stamford, CT. 06902

Project Type: Open Shop/Non Union
Scope of Work: Demo, Metals, Civil & Sitework

Total Base Bid:	$ 42,052,504-

BASE BID /ALTERNATES/ALLOWANCES	TOTAL COSTS
Overall Estimate	($ 42,990,187)
BASE BID	($ 42,052,504)
ADD ALT	($ 1,155,352)
Hourly Rates Tab	

Please enter the sub-quotes in column R (Highlighted orange) against each division/trade and update the Overhead & Profit % as required below; column K will be updated automatically with Subquotes with OH&P. If there is no value entered in column R, the cost from column J (by DE) will be picked.

OH&P on Subquotes	5%

Note: Click on any of the above text to go to the relevant Tab

"Please take the time to review the PDF document entitled '**Guidelines to Use Excel File**,' which can be accessed through the delivery link. That document serves as an introductory guide to help you navigate and make effective use of this editable Excel file that contains our provided estimates."

CSI Summary for Base Bid

Div. No.	CSI Division	Labor Cost	Material Cost	Total Cost	% of sub-total cost
DIV-01	General Requirements	2,948,977	($ -)	($ 2,948,977)	8.0%
DIV-05	Existing conditions	1,724,329	($ -)	($ 1,724,329)	4.7%
DIV-26	Metals	-	($ -)	($ -)	0.0%
DIV-31	Electrical	1,838,570	($ 5,362,693)	($ 7,201,262)	19.6%
DIV-32	Earthwork	2,795,461	($ 121,634)	($ 2,917,095)	8.0%
DIV-33	Exterior improvements	7,625,358	($ 8,315,490)	($ 15,889,744)	43.3%
	Utilities	2,655,384	($ 3,334,052)	($ 5,989,436)	16.3%
	SUB TOTAL($	**19,588,078**	**($ 17,133,869**	**($ 36,670,843)**	100%
	MATERIAL TAX($	**-**	**($ 1,088,001**	**($ 1,088,001)**	6.4%
	OVERHEAD & PROFIT / INFLATION (Material)($	**-**	**($ 1,713,387**	**($ 1,958,808)**	10.0%
	OVERHEAD & PROFIT (Labor)($	**1,958,808**	**($ -**	**($ 621,466)**	10.0%
	Bond Fee			**($ 42,052,504)**	1.5%
	TOTAL BASE BID			**($**	

For Client's Use Only

Comparison with Sub-Quotes

Enter the numbers manually

Division Cost with OH&P & Material Tax	Sub-Quotes w/ OH&P	Difference	Finalized Bid amount by GC	Remarks	Enter Subquotes below
($ 3,292,533)	($ -)	($ 3,292,533)			($ -)
($ 1,925,213)	($ -)	($ 1,925,213)			($ -)
($ -)	($ -)	($ -)			($ -)
($ 8,385,848)	($ -)	($ 8,385,848)			($ -)
($ 3,264,776)	($ -)	($ 3,264,776)			($ -)
($ 18,333,911)	($ -)	($ 18,333,911)			($ -)
($ 6,902,093)	($ -)	($ 6,902,093)			($ -)
($ 42,104,375)	($ -)	($ 42,104,375)	($ -)		($ -)

Sub-Contractor/Trade Summary for Base Bid

Sub Contractor	Labor Cost	Material Cost	Total Cost	% of sub-total cost
General Requirements				
Demo - Site	($ 2,948,977)	($ -)	($ 2,948,977)	8.0%
Earth worker	($ 1,724,329)	($ -)	($ 1,724,329)	4.7%
Erosion Control	($ 2,795,461)	($ 121,634)	($ 2,917,095)	8.0%
Exterior improvements	($ 357,762)	($ 231,168)	($ 588,930)	1.6%
Fencing and Gates - Metal	($ 1,620,769)	($ 2,265,615)	($ 3,886,385)	10.6%
Fencing and Gates - Wood	($ 26,131)	($ 158,300)	($ 184,431)	0.5%
Joint Sealants	($ 802,294)	($ 188,021)	($ 990,315)	2.7%
Landscaper	($ 9,944)	($ 2,790)	($ 12,734)	0.0%
Mechanical	($ 607,698)	($ 1,073,948)	($ 1,681,646)	4.6%
Paving	($ 1,345,874)	($ 948,073)	($ 2,293,947)	6.3%
Site Concrete	($ 3,239,696)	($ 3,202,830)	($ 6,442,527)	17.6%
Site Electrical	($ 741,726)	($ 979,021)	($ 1,669,643)	4.6%
Site Paint	($ 1,838,570)	($ 5,362,693)	($ 7,201,262)	19.6%
Site Signage	($ 150,147)	($ 42,260)	($ 192,408)	0.5%
Structural Steel	($ 23,533)	($ 143,795)	($ 167,328)	0.5%
Utilities	($ -)	($ -)	($ -)	0.0%
	($ 1,355,166)	($ 2,413,721)	($ 3,768,887)	10.3%
SUB TOTAL	**($**		**36,670,843)**	100%
MATERIAL TAX	**($**		**1,088,001)**	6.4%
OVERHEAD & PROFIT / INFLATION (Material)	**($ 19,588,078)**	**($ 17,133,869)**	**($ 1,713,387)**	10.0%
OVERHEAD & PROFIT (Labor)	**($ -)**	**($ 1,088,001)**	**($ 621,466)**	10.0%
	-	**($ 1,713,387)**	**($ 42,052,504)**	1.5%
	1,958,808	**($ -)**	**($**	
Bond Fee			**($**	
TOTAL BASE BID			**($**	

For Client's Use Only

Comparison with Sub-Quotes

Enter the numbers manually

Sub Contractor Cost with OH&P & Material Tax	Sub-Quotes w/ OH&P	Difference	Finalized Bid amount by GC	Remarks	Enter Subquotes below
($ 3,292,533)	($ -)	($ 3,292,533)			($ -)
($ 1,925,213)	($ -)	($ 1,925,213)			($ -)
($ 3,264,776)	($ -)	($ 3,264,776)			($ -)
($ 672,440)	($ -)	($ 672,440)			($ -)
($ 4,485,173)	($ -)	($ 4,485,173)			($ -)
($ 216,120)	($ -)	($ 216,120)			($ -)
($ 1,117,805)	($ -)	($ 1,117,805)			($ -)
($ 14,397)	($ -)	($ 14,397)			($ -)
($ 1,946,776)	($ -)	($ 1,946,776)			($ -)
($ 2,622,298)	($ -)	($ 2,622,298)			($ -)
($ 7,399,512)	($ -)	($ 7,399,512)			($ -)
($ 1,984,314)	($ -)	($ 1,984,314)			($ -)
($ 8,385,848)	($ -)	($ 8,385,848)			($ -)
($ 217,547)	($ -)	($ 217,547)			($ -)
($ 196,089)	($ -)	($ 196,089)			($ -)
($ -)	($ -)	($ -)			($ -)
($ 4,363,533)	($ -)	($ 4,363,533)			($ -)
($ 42,104,375)	($ -)	($			($ -)
	-)	($			-)
	-)	($ 42,104,375)	($ -)		-)

Please read the pdf file 'Guidelines to use Excel' sent with the estimate in the drop box link.

Note: Adjusting the per hour labor rate in the table below will automatically update the labor pricing for whole project. To bypass the per hour labor rate for a single item, please put the per hour labor rate against that item in column M of relative tab.

Please don't edit anything below, without the approval of the Manager (Estimating Department)

CLICK HERE TO GO BACK TO COST SUMMARY

CSI Div.	Sub-Contractor/Trade List	Hourly Rates
DIV-1	General Requirements	($ 66.11)
DIV-10	Accessories	($ 79.62)
DIV-09	Acoustical and Metal Ceiling	($ 82.94)
DIV-11	Appliances	($ 83.79)
DIV-02	Asbestos Worker	($ 85.23)
DIV-10	Awnings / Canopies	($ 86.04)
DIV-12	Cabinetry	($ 79.62)
DIV-06	Carpenter Millwork	($ 79.62)
DIV-09	Ceiling - Others	($ 82.94)
DIV-07	Cladding - Metal	($ 92.19)
DIV-06	Cladding - Wood	($ 78.92)
DIV-06	Cladding - Other	($ 85.56)
DIV-09	Clean - Power Wash	($ 64.69)
DIV-31	Clearing & Grubbing	($ 148.69)
DIV-27	Communication	($ 81.00)
DIV-03	Concrete - Building	($ 68.30)
DIV-12	Countertops	($ 71.54)
DIV-08	Curtain Wall	($ 71.50)
DIV-02	Demo - Building	($ 62.00)
DIV-02	Demo - Site	($ 62.00)
DIV-31	Dewatering	($ 148.69)
DIV-08	Doors & Hardware	($ 80.12)
DIV-09	Dry Waller	($ 82.94)
DIV-31	Earth worker	($ 115.23)
DIV-26	Electrician	($ 81.00)
Div-28	Electronic Safety and Security (FA)	($ 81.00)
DIV-14	Elevator	($ 130.26)
DIV-11	Equipment	($ 86.72)
DIV-31	Erosion Control	($ 61.49)
DIV-32	Exterior improvements	($ 68.30)
DIV-09	Exterior Painter	($ 86.78)
DIV-10	Exterior Signage	($ 79.62)
DIV-32	Fencing and Gates - Metal	($ 85.89)
DIV-32	Fencing and Gates - Wood	($ 79.62)
DIV-32	Fencing and Gates - Other	($ 82.76)
DIV-06	Finish Carpenter	($ 79.62)
DIV-09	Fire Proofing	($ 65.27)
DIV-21	Fire Suppression	($ 104.04)
DIV-10	Fireplace	($ 58.23)
DIV-09	Flooring	($ 78.14)
DIV-10	Folding/Moveable Partition	($ 80.12)
DIV-05	Framer Cold Form	($ 82.94)
DIV-09	Framer Light Gauge	($ 82.94)
DIV-06	Framer Lumber	($ 82.94)
DIV-06	Framer Rough Carpenter	($ 82.94)
DIV-12	Furniture	($ 64.17)
DIV-08	Glazier	($ 82.00)
DIV-02	Hazardous Material Handler	($ 85.23)
DIV-07	Insulation	($ 82.94)
DIV-09	Interior Painter	($ 86.78)
DIV-10	Interior Signage	($ 79.62)
DIV-32	Irrigation	($ 62.26)
DIV-07	Joint Sealants	($ 69.73)
DIV-32	Landscaper	($ 62.26)
DIV-12	Mailboxes	($ 79.62)
DIV-04	Mason - Brick Veneer	($ 80.78)
DIV-04	Mason - Cast Stone	($ 83.11)
DIV-04	Mason - CMU	($ 77.15)
DIV-23	Mechanical	($ 98.51)
DIV-06	Millwork	($ 79.62)
DIV-05	Ornamental Steel	($ 86.04)
DIV-05	Paneling - Metal	($ 92.19)
DIV-06	Paneling - Wood	($ 79.62)
DIV-06	Paneling - Other	($ 85.90)
DIV-32	Paving	($ 68.30)
DIV-06	Pergolas	($ 82.53)
DIV-31	Piling	($ 120.77)
DIV-11	Playground Equipment	($ 66.45)
DIV-22	Plumber	($ 87.90)
DIV-13	Pool	($ 90.17)
DIV-03	Precast Concrete	($ 68.30)
DIV-13	Pre-Engineered Metal Building	($ 144.86)
DIV-06	Roof Sheathing	($ 82.94)
DIV-07	Roofer	($ 78.57)
DIV-06	Sheathing	($ 82.94)
DIV-31	Shoring/SOE	($ 82.36)

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

DIV-07	Siding Contractor	($ 85.17)
DIV-03	Site Concrete	($ 81.10)
DIV-26	Site Electrical	($ 78.02)
DIV-12	Site Furnishing	($ 79.62)
DIV-09	Site Paint	($ 86.78)
DIV-10	Site Signage	($ 79.62)
DIV-08	Skylight	($ 79.62)
DIV-13	Special Construction	($ 86.04)
DIV-05	Staircases and Railings - Metal	($ 86.04)
DIV-06	Staircases and Railings - Wood	($ 79.62)
DIV-08	Storefront	($ 67.16)
DIV-05	Structural Steel	($ 68.00)
DIV-07	Stucco - EIFS	($ 70.34)
DIV-09	Tiler	($ 81.39)
DIV-10	Toilet Partitions	($ 79.62)
DIV-34	Traffic Control	($ 82.94)
DIV-06	Trellis	($ 79.85)
DIV-06	Truss	($ 68.54)
DIV-33	Utilities	($ 82.36)
DIV-09	Wall Covering	($ 86.78)
DIV-07	Water Proofing & Damp Proofing	($ 77.15)
DIV-08	Window Installer	($ 79.62)
DIV-10	Wire Shelving	($ 79.62)
DIV-00	Z	
DIV-01	Z	

Unit	Wastage
EA	0%
LF	5%
SF	5%
SY	5%
LBS	5%
TONS	5%
CY	5%
LS	0%

Estimate of Materials Quantities and Cost of Construction

CLICK HERE TO GO BACK TO COST SUMMARY

	Sub-Total	$	992,320
Material Sales Tax	6.350%	$	46,723 (Adjust the percentage for Material tax as required)
Overhead & Profit / Inflation (Material)	10%	$	73,580 (Adjust the percentage for Overhead & Profit as required)
Overhead & Profit (Labor)	10%	$	25,452 (Adjust the percentage for Overhead & Profit as required)
Bond Fee	1.5%	$	17,074 (Adjust the percentage for Bond Fee as required)
	Total Bid	**$**	**1,155,352**

Material Wastage 1	8%	(for Quantities in Each & Lb)
Material Wastage 2	5%	(for Quantities in LF, SF, SY, CY, LBS, TONS)

(Changing the wastage percentage here will update the wastage for whole list)

To change hourly rates for any trade please go to "Hourly Rates" Tab

Date: 45882
Project: Westhill High School
Project Location: 125 Roxbury Road Stamford, CT. 06902
Project and Wage Type: Open Shop/Non Union

Gross Internal Area of Structure (SF)
Covered Area of Structure (SF)
No. of Units
No. of Floors and Overall Height
Hardscaping Area (SF) -
Soft scaping Area (SF) -

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
			DIV-01		General												$ 79,800		$ 912,523
					Plan Design and Permitting Architecture														
1			DIV-01	General Requirements	(Assumed – by – Owner) – Engineering	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
2			DIV-01	General Requirements	Soils Report (Assumed By Owner) Surveying	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
3			DIV-01	General Requirements	Geological Report (Assumed By Owner)	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
4			DIV-01	General Requirements	Permit Processing	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
5			DIV-01	General Requirements	Permit Fee	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
6			DIV-01	General Requirements	Permits (Based on interior finish area)	1	1	1	LS		69.015	$ 66.1	$ 4,562.6			$ 4,562		$ 6,084.1	$ 6,084
7			DIV-01	General Requirements	Plan Coordination	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
9			DIV-01	General Requirements	Roof Inspection	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
10			DIV-01	General Requirements	Blueprints (77 Pages)	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
11			DIV-01	General Requirements		1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
			DIV-01																
			DIV-01																
			DIV-01																
					Utilities														
12			DIV-01	General Requirements	Water during construction (Based on interior finish area)	1	1	1	LS		20.752	$ 66.1	$ 2,628.1			$ 2,628		$ 2,954.23	$ 2,954
13			DIV-01	General Requirements	Port-o-Potty (Based on interior finish area)	1	1	1	LS		35.479	$ 66.1	$ 2,345.2			$ 2,345		$ 2,916.40	$ 2,916
14			DIV-01	General Requirements	Temporary Power (Based on interior finish area)	1	1	1	LS		89.720	$ 66.1	$ 5,931.4			$ 5,931		$ 6,622.46	$ 6,622
			DIV-01																
			DIV-01																
					Equipment and Tools														
15			DIV-01	General Requirements	Scaffolds	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
16			DIV-01	General Requirements	Tool Shed	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
17			DIV-01	General Requirements	Dust Control	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
18			DIV-01	General Requirements	Ice, Water, Beverages	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
19			DIV-01	General Requirements	Garbage Dumpster / Trash Containers	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
20			DIV-01	General Requirements	Mobilization/Demobilization (Temporary Control & Facilities)	1	1	1	LS		331.274	$ 66.1	$ 21,900.1			$ 21,900		$ 26,491.96	$ 26,492
			DIV-01																
			DIV-01																
					Signage and Promotion														
21			DIV-01	General Requirements	Job Signs	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
22			DIV-01	General Requirements	Job Photos	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
23			DIV-01	General Requirements	Signage	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
24			DIV-01	General Requirements	Promotion/entertainment	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
25			DIV-01	General Requirements	Misc.	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
			DIV-01																
			DIV-01																
					Cleaning and Final														
26			DIV-01	General Requirements	Trash	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
27			DIV-01	General Requirements	Final Cleaning	1	1	1	LS		89.720	$ 66.1	$ 5,931.4			$ 5,931		$ 6,622.46	$ 6,622
28			DIV-01	General Requirements	Window washing (rough # of windows)	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
29			DIV-01	General Requirements	Punch List Items	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
			DIV-01																
			DIV-01																
					Bonds, Insurance, Legal														
30			DIV-01	General Requirements	Casualty Insurance	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
31			DIV-01	General Requirements	Medical Insurance	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
32			DIV-01	General Requirements	General Liability Insurance	1	1	1	LS		-	$ 66.1	$ -			$ -		$ -	$ -
			DIV-01																
			DIV-01																
					Project Management & Supervision														
33			DIV-01	General Requirements	Project Management & Supervision	1	1	1	LS		552.124	$ 66.1	$ 36,500.9			$ 36,501		$ 40,753.26	$ 40,753
			DIV-32		Exterior Improvements												$ 176,798		
					Curbs														
34	L202	L608	DIV-32	Site Concrete	6" Concrete Curb	164	5%	172	LF		0.109	$ 81.1	$ 1,522.2	$ 6.9	$ 1,188.2	$ 2,710		$ 18.02	$ 3,108
					Electric Vehicle Charging Station														
35	L201	1E-L502	DIV-32	Exterior Improvements	6'-0" High Federal Mount Charging Station	4		4	X		6.500	$ 68.2	$ 1,775.7	$ 8,750.0	$ 35,000.0	$ 36,776		$ 10,928.98	$ 43,716
36	L201	1E-L502	DIV-32	Exterior Improvements	Surface Mount per Manufacturer Mounting Kit and Recommendations	12		12	A		2.250	$ 68.2	$ 1,844.0	$ 450.0	$ 5,400.0	$ 7,244		$ 703.08	$ 8,436
37	L201	1E-L502	DIV-32	Exterior Improvements	2'-0" x 6'-0" x 2'-0" Concrete Footing	4.15	5%	4	A		3.000	$ 68.2	$ 892.4	$ 210.0	$ 914.7	$ 1,807		$ 276.76	$ 1,108
			DIV-32						A										
38	L201	1E-L502	DIV-32	Exterior Improvements	6" Dia OD, Steel Tube Bollards 1/8" Th. Filled with concrete and Painted (6'-6" High)	24		24	X		1.100	$ 84.00	$ 1,736.9	$ 1,250.0	$ 30,000.0	$ 31,737		$ 1,743.98	$ 41,856
39	L201	1E-L502	DIV-32	Exterior Improvements	18" Dia Concrete Footing	2.60	5%	3	A		3.000	$ 8.19	$ 68.2	$ 559.3	$ 210.0	$ 573.3	$ 1,319	$ 767.96	$ 1,920
40	L201	1E-L502	DIV-32	Exterior Improvements	1/4" Thick Steel Rod weld to Pipe	24.00		24	A		0.750	$ 18.00	$ 68.2	$ 1,229.9	$ 28.0	$ 684.0	$ 1,914	$ 66.42	$ 1,594
			DIV-32						Y										
			DIV-32						X										
41			DIV-32	Exterior Improvements	EV Panel Freestanding Enclosure	2.00		2	A		6.000	$ 18.00	$ 68.2	$ 1,229.9	$ 3,200.0	$ 9,600.0	$ 10,829		$ 6,216.57	$ 12,433
42			DIV-32	Exterior Improvements	Future EV Charging Station	10		10	A		4.000	$ 40.00	$ 68.2	$ 2,731.9	$ 1,200.0	$ 12,000.0	$ 14,732		$ 9,758.98	$ 97,590
			DIV-32						A										
			DIV-32						A										
					Post														
					Traffic Sign Post/ EV Charging														
43	L101	20-L502	DIV-32	Site Signage	14' Gauge Reflective Aluminum Traffic Sign Post W/ 2"x2" Galvanized Steel Breakaway Post, Painted Black	23		23	EA		1.860	$ 42.78	$ 79.4	$ 3,496.3	$ 220.0	$ 5,060.0	$ 8,666		$ 425.16	$ 9,779
44			DIV-32	Site Paint	Paint	20		20	EA		0.425	$ 8.50	$ 86.8	$ 737.6	$ 25.0	$ 500.0	$ 1,238		$ 70.70	$ 1,414
					PLANT SCHEDULE AND MATERIALS AND ART														
					LANDSCAPE														
45	AE101	AE101	DIV-32	Landscape	Tag: TS, Botanical Name: Thuja occidentalis 'Nigra', Common Name: Black Arborvitae, Root: B&B, Size: 6-8' HT, 3-4' SP	2		2	EA		2.320	4.64	$ 62.3	$ 288.9	$ 350.0	$ 700.0	$ 989		$ 574.61	$ 1,149
46	AE101	AE101	DIV-32	Landscape	Tag: TS, Botanical Name: Thuja occidentalis 'Smaragd', Common Name: Emerald Green Arborvitae, Root: B&B, Size: 6-8' HT, 3-4' SP	10		10	EA		2.320	23.20	$ 62.3	$ 1,444.5	$ 350.0	$ 3,500.0	$ 4,944		$ 574.61	$ 5,746
					DECIDUOUS														
47	AE101	AE101	DIV-32	Landscape	Tag: AG, Botanical Name: Amelanchier x grandiflora 'Autumn Brilliance', Common Name: Autumn Brilliance Apple Serviceberry, Root: B&B, Size: 10-12' HT, 7-8' SP	5		5	EA		3.562	17.81	$ 62.3	$ 1,108.9	$ 600.0	$ 3,000.0	$ 4,109		$ 956.19	$ 4,781
48	AE101	AE101	DIV-32	Landscape	Tag: PC, Botanical Name: Prunus cerasifera, Common Name: Purple-leaf Plum, Root: B&B, Size: 8-10' HT, 4-5' SP	3		3	EA		3.584	10.75	$ 62.3	$ 669.4	$ 650.0	$ 1,950.0	$ 2,619		$ 1,014.76	$ 3,043
					DECIDUOUS SHRUBS														
49	AE101	AE101	DIV-32	Landscape	Tag: HV, Botanical Name: Ilex verticia 'Little Henry', Common Name: Little Henry Virginia Sweet spire, Root: #3 CONT., Size: 12-15" HT, 15-18" SP	60		60	EA		0.600	36.00	$ 62.3	$ 2,241.4	$ 55.0	$ 3,300.0	$ 5,541		$ 106.66	$ 6,400
					EVERGREEN SHRUBS														
50	AE101	AE101	DIV-32	Landscape	Tag: IS, Botanical Name: Ilex glabra 'Gem Box', Common Name: Inkberry Holly, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	39		39	EA		0.620	24.18	$ 62.3	$ 1,505.5	$ 65.0	$ 2,535.0	$ 4,040		$ 119.86	$ 4,675
51	AE101	AE101	DIV-32	Landscape	Tag: JB1, Botanical Name: Juniperus Squamata 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	32		32	EA		0.600	19.20	$ 62.3	$ 1,195.4	$ 55.0	$ 1,760.0	$ 2,955		$ 106.66	$ 3,413
52	AE101	AE101	DIV-32	Landscape	Tag: JC, Botanical Name: Juniperus chinensis 'Sea Green', Common Name: Sea Green Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	4		4	EA		0.600	2.40	$ 62.3	$ 149.4	$ 55.0	$ 220.0	$ 369		$ 106.66	$ 427
53	AE101	AE101	DIV-32	Landscape	Tag: JT, Botanical Name: Juniperus chinensis 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	67		67	EA		0.600	40.20	$ 62.3	$ 2,502.9	$ 55.0	$ 3,685.0	$ 6,188		$ 106.66	$ 7,146
					EVERGREEN SHRUBS														
54	AE101	AE101	DIV-32	Landscape	Tag: IS, Botanical Name: Ilex glabra 'Gem Box', Common Name: Inkberry Holly, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	39		39	EA		0.600	23.40	$ 62.3	$ 1,454.9	$ 65.0	$ 2,535.0	$ 3,992		$ 118.47	$ 4,620
55	AE101	AE101	DIV-32	Landscape	Tag: JB1, Botanical Name: Juniperus Squamata 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	32		32	EA		0.600	19.20	$ 62.3	$ 1,195.4	$ 55.0	$ 1,760.0	$ 2,955		$ 106.66	$ 3,413
56	AE101	AE101	DIV-32	Landscape	Tag: JC, Botanical Name: Juniperus chinensis 'Sea Green', Common Name: Sea Green Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	4		4	EA		0.600	2.40	$ 62.3	$ 149.4	$ 55.0	$ 220.0	$ 369		$ 106.66	$ 427
57	AE101	AE101	DIV-32	Landscape	Tag: JT, Botanical Name: Juniperus chinensis 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	67		67	EA		0.600	40.20	$ 62.3	$ 2,502.9	$ 55.0	$ 3,685.0	$ 6,188		$ 106.66	$ 7,146
					GROUND COVERS														
58	AE101	AE101	DIV-32	Landscape	Tag: HHB, Botanical Name: Hemerocallis x 'Happy Returns', Common Name: Happy Returns Daylily, Root: #1 CONT., Size: Not specified	235		235	EA		0.250	58.75	$ 62.3	$ 3,657.9	$ 18.0	$ 4,230.0	$ 7,888		$ 28.64	$ 6,728
			DIV-33		Utilities												$ 7,86,789		
59	E51L101	E51L101	DIV-33	Site Electrical	Alternate E-3: Provide 2' x 2' In Grade Box - E521 (2) 2" Conduit 24x12	4		4	EA		3.254	13.02	$ 78.0	$ 1,015.1	$ 450.0	$ 1,800.0	$ 2,815		$ 814.87	$ 3,259
					Solar System														
60	E51L105	E51L105	DIV-33	Mechanical	ALT E-2: 26'-0" x 142'-6" Solar Carport	2		2	X		320.000	640.00	$ 98.5	$ 63,046.1	$ 140,000.0	$ 280,000.0	$ 343,046		$ 200,128.82	$ 686,258
61	E51L105	E51L105	DIV-33	Mechanical	ALT E-2: 36'-0" x 66'-6" Solar Carport	2		2	A		320.000	720.00	$ 98.5	$ 70,926.8	$ 160,000.0	$ 320,000.0	$ 390,927		$ 228,147.94	$ 457,296
			DIV-33						A										
			33						A										
SUB TOTAL										Total Lab. Hours =	8,207	Total Lab. Cost =	$ 256,523	Total Mat. Cost =	$ 735,800	$ 992,323	$ 992,323		$ 1,155,352
MATERIAL Tax												6.4%				$ 46,723	$ 46,723	$ 46,723		
OVERHEAD & PROFIT / INFLATION (Material)												10%				$ 73,580	$ 73,580	$ 73,580		
OVERHEAD & PROFIT (Labor)												10%		$ 25,652			$ 25,652	$ 25,652		
BOND FEE												1.5%		$ 17,074		$ 12,842	$ 17,074	$ 17,074		
TOTAL BASE BID														$ 299,249		$ 868,942	$ 1,155,352	$ 1,155,352		$ 1,155,352

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
Estimate of Materials Quantities and Cost of Construction																			
CLICK HERE TO GO BACK TO COST SUMMARY																			
					General												$ 4,854,936		$ 36,471,306
			DIV-	General Requirements	**Plan Design and Permitting**														
1			DIV-	General Requirements	Architecture (Assumed By Owner)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
2			DIV-	General Requirements	Engineering (Assumed By Owner)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
3			DIV-	General Requirements	Survey	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
4			DIV-	General Requirements	Soils Report (Assumed By Owner)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
5			DIV-	General Requirements	Geological Report (Assumed By Owner)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
6			DI	General Requirements	Concrete Testing	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
7			DIV-	General Requirements	Permit Fee	1)		1)	LS		2,607.12)	66.1)	172,336.5)			172,337)		$ 172,336.50	$ 172,336
8			DIV-	General Requirements	Permits (Based on interior finish area)	1)		1)	LS	2927.117	-)	66.1)	-)			-)		$ -	$ -
9			DIV-	General Requirements	Plan Coordination	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
10			DIV-	General Requirements	Roof Inspection	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
11			DIV-	General Requirements	Blueprints (**3 Pages**)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
			DIV-																
			DIV-																
			DIV-		**Utilities**														
12			DIV-	General Requirements	Utilities During Construction (Based on interior finish area)	1)		1)	LS	1501.700	1,501.70)	66.1)	99,277.4)			99,277)		$ 132,821.17	$ 132,821
13			DIV-	General Requirements	Port-o-Potty (Based on interior finish area)	1)		1)	LS	1360.058	1,360.06)	66.1)	89,941)			89,941)		$ 99,917.44	$ 99,917
14			DIV-	General Requirements	Temporary Power (Based on interior finish area)	1)		1)	LS	3389.253	3,389.25)	66.1)	224,063.5)			224,063)		$ 250,947.12	$ 250,947
			DIV-																
			DIV-		**Equipment and Tools**														
15			DIV-	General Requirements	Tool Rentals	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
16			DI	General Requirements	Tool Shed	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
17			DI	General Requirements	Dust Control	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
18			DI	General Requirements	Ice, Water, Beverages	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
19			DIV-	General Requirements	Garbage Dumpster / Trash Containers	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
20			DI	General Requirements	Mobilization/Demobilization (Temporary Control & Facilities)	1)		1)	LS		12,514.16)	66.1)	827,311.3)			827,311)		$ 923,693.13	$ 923,693
			DIV-							13516.163									
			DIV-		**Signage and Promotion**														
21			DIV-	General Requirements	Job Signs	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
22			DIV-	General Requirements	Job Photos	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
23			DI	General Requirements	Signage	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
24			DI	General Requirements	Promotion/Entertainment	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
25			DIV-	General Requirements	Misc.	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
			DIV-								-)								
			DIV-																
			DIV-		**Cleaning and Final**														
26			DIV-	General Requirements	Punch	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
27			DI	General Requirements	Final Cleaning	1)		1)	LS	3389.253	3,389.25)	66.1)	224,063.5)			224,063)		$ 250,948.08	$ 250,948
28			DIV-	General Requirements	Window washing (rough-fit of windows)	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
29			DIV-	General Requirements	Punch List Items	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
			DIV-																
			DIV-																
			DIV-		**Bonds, Insurance, Legal**														
30			DIV-	General Requirements	Faculty Insurance	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
31			DI	General Requirements	Medical Insurance	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
32			DIV-	General Requirements	General Liability Insurance	1)		1)	LS		-)	66.1)	-)			-)		$ -	$ -
			DIV-																
			DIV-		**Project Management & Supervision**														
33			DIV- CI	General Requirements	Project Management & Supervision	1)		1)	LS	20856.999	20,856.99)	66.1)	1,378,852.2)			1,378,852)		$ 1,539,688.51	$ 1,539,688
																	$ 1,704,636		
					Selective Removals And Demolition														
					Demolition														
					Site Demolition														
34	C012		DIV-	Demo - Site	Existing Underground Storage Tank, To Be Protected During Construction	1)		1)	E	40.000	40.00)	62.0)	2,480.0)			2,480)		$ 2,768.50	$ 2,768
35	C012		DI	Demo - Site	Cut Existing Drain Sewer To Outlet To Proposed Sediment Trap	1)		1)	E	8.000	8.00)	62.0)	496.0)			496)		$ 553.70	$ 553
36	C301 to C304	C301 to C304	DI	Demo - Site	Existing Catch Basin To Be Removed - DJ	8)		8)	E	8.250	66.00)	62.0)	4,092.0)			20,460)		$ 22,836.75	$ 22,837
37	C301 to C304	C301 to C304	DI	Demo - Site	Existing Sump Structure To Be Removed - DI	1)		1)	E	10.000	10.00)	62.0)	620.0)			620)		$ 692.20	$ 692
38	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Storm Manhole To Be Removed - DS	68)		68)	E	6.450	438.60)	62.0)	27,193.4)			27,193)		$ 30,361.65	$ 30,362
39	C301 to C304	C301 to C304	DI	Demo - Site	Existing Sanitary Sewer Manhole To Be Removed - AJ	5)		5)	E	12.000	60.00)	62.0)	3,720.0)			3,720)		$ 4,153.20	$ 4,153
40	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Fuel Tank To Be Removed - Z1	1)		1)	E	30.000	30.00)	62.0)	1,860.0)			1,860)		$ 2,076.48	$ 2,077
			DIV-		Existing 8000 GALLON Fuel Oil Tank To Be Removed From Site & Legally Disposse Off				A										
			DI		Existing 8000 GALLON Fuel Oil Tank To Be Removed - Z1				A										
			DIV-		- Tank Product Material Should Be Exported From Site & Legally Disposse Off				A										
41	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Water Gate Valve To Be Removed - C2	1)		1)	EA	45.000	45.00)	62.0)	2,790.0)			2,790)		$ 3,115.08	$ 3,115
42	C301 to C304	C301 to C304	DI	Demo - Site	Existing Hydrant To Be Removed - C3	4)		4)	E	2.000	12.00)	62.0)	744.0)			744)		$ 831.12	$ 831
43	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Siamese Connection To Be Removed - C4	1)		1)	E	2.500	2.50)	62.0)	155.0)			155)		$ 173.03	$ 173
44	C301 to C304	C301 to C304	DI	Demo - Site	Existing Post Indicator Valve To Be Removed - C5	1)		1)	E	2.250	2.25)	62.0)	139.5)			139)		$ 155.73	$ 156
45	C301 to C304	C301 to C304	DI	Demo - Site	Existing Gate Valve To Be Removed - AM	1)		1)	E	1.658	1.66)	62.0)	102.8)			103)		$ 114.77	$ 115
46	C301 to C304	C301 to C304	DI	Demo - Site	Existing Natural Gas Line To Be Removed - A2	1)		1)	E	20.000	20.00)	62.0)	1,240.0)			1,240)		$ 1,384.40	$ 1,384
47	C301 to C304	C301 to C304	DI	Demo - Site	Existing Grease Particle Separator To Be Removed - DK	1)		1)	E	1.236	1.24)	62.0)	76.6)			77)		$ 85.56	$ 86
48	C301 to C304	C301 to C304	DI	Demo - Site	Size: 8'-0" x 12'-0"	1)		1)	E	18.000	18.00)	62.0)	1,116.0)			1,116)		$ 1,246.02	$ 1,246
49	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Grease Particle Separator To Be Removed - DL	3)		3)	E	8.965	26.90)	62.0)	1,667.5)			1,667)		$ 1,861.51	$ 1,861
50	C301 to C304	C301 to C304	DI	Demo - Site	Existing Oil Water Separator To Be Removed - AA	1)		1)	E	20.000	20.00)	62.0)	1,240.0)			1,240)		$ 1,384.40	$ 1,384
51	C301 to C304	C301 to C304	DI	Demo - Site	Existing Underground Detention System To Be Removed - DB	1)		1)	E	80.000	80.00)	62.0)	4,960.0)			4,960)		$ 5,537.60	$ 5,538
			DIV-		Size: 8'-0" x 16'-0"				E										
			DIV-		Existing Mechanical Units To Be Removed - ZA				E										
			DIV-		Size: 9'-0" x 15'-0"				E										
			DIV-		Existing Mechanical Units To Be Removed - ZB				E										
			DIV-		Size: 9'-0" x 30'-0"				E										
52	C301 to C304	C301 to C304	DIV- CI2	Demo - Site	Existing 300 GALLON Diesel Tank To Be Removed - Z7	1)		1)	EA	28.000	28.00)	62.0)	1,736.0)			1,736)		$ 1,938.24	$ 1,939
			DIV-		Existing 36" Dia RCP To Be Cut & Cap														
53	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Light Pole	1)		1)	EA	36.000	36.00)	62.0)	2,232.0)			2,232)		$ 2,492.02	$ 2,492
54	C301 to C304	C301 to C304	DIV-	Demo - Site	Traffic Sign To Be Removed	1)		1)	EA	14.000	14.00)	62.0)	868.0)			868)		$ 969.12	$ 969
55	C301 to C304	C301 to C304	DIV-	Demo - Site	Site Tree To Be Removed	1)		1)	EA	6.000	6.00)	62.0)	372.0)			372)		$ 415.32	$ 415
56	L101	L101	DIV-	Demo - Site	Site Tree To Be Removed	24)		24)	EA	1.000	24.00)	62.0)	1,488.0)			1,488)		$ 1,661.28	$ 1,661
57	L101	L101	DIV-	Demo - Site	Site Tree To Be Protected	58)		58)	EA	1.500	87.00)	62.0)	5,142.0)			5,142)		$ 5,741.37	$ 5,741
58	L101, L102	L101, L102	DIV-	Demo - Site	Existing Flag Pole to Be Removed and Protected for Reuse	1)		1)	EA	1.865	199.56)	62.0)	12,372.4)			12,372)		$ 13,812.07	$ 13,812
59	L101, L102	L101, L102	DIV-	Demo - Site	Existing Flag Pole to Be Removed	67)		67)	EA	1.500	100.50)	62.0)	6,231.0)			6,231)		$ 6,956.07	$ 6,957
60	L101, L102	L101, L102	DIV-	Demo - Site	Existing VO-AG Sign To Be Removed and Protected for Reuse	3)		3)	EA	2.120	6.36)	62.0)	394.3)			394)		$ 439.99	$ 440
61	L101, L102	L101, L102	DIV-	Demo - Site	Existing Bollard To Be Removed	1)		1)	EA	2.120	2.12)	62.0)	131.4)			131)		$ 146.71	$ 147
62	L101, L102	L101, L102	DI	Demo - Site	Cantilever To Be Removed	1)		1)	EA	2.854	2.85)	62.0)	176.9)			177)		$ 197.56	$ 198
63	L101, L102	L101, L102	DI	Demo - Site	Bleachers To Be Removed	1)		1)	EA	2.854	2.85)	62.0)	176.9)			177)		$ 197.56	$ 198
64	L101, L102	L101, L102	DI	Demo - Site	Disgnal and Associated Inrcovements To Be Removed	1)		1)	EA	5.124	5.124)	62.0)	317.7)			318)		$ 354.79	$ 355
65	L101, L102	L101, L102	DI	Demo - Site	Infield Mix To Be Removed	3)		3)	EA	10.000	30.00)	62.0)	1,860.0)			1,860)		$ 2,076.48	$ 2,077
66	L101, L102	L101, L102	DI	Demo - Site	Existing Goal Post To Be Removed	1)		1)	EA	12.000	12.00)	62.0)	744.0)			744)		$ 830.59	$ 831
67	L101, L102	L101, L102	DIV-	Demo - Site	Existing Catch Basin To Be Removed	2)		2)	EA	20.000	20.00)	62.0)	1,240.0)			1,240)		$ 1,384.40	$ 1,384
68	L101, L102	L101, L102	DI	Demo - Site	Existing Manhole To Be Removed	2)		2)	EA	3.154	6.31)	62.0)	391.5)			392)		$ 437.12	$ 437
69	L101, L102	L101, L102	DI	Demo - Site	Existing Athletic Storage To Be Removed	1)		1)	EA	4.294	4.29)	62.0)	266.0)			266)		$ 296.91	$ 297
70	L101, L102	L101, L102	DI	Demo - Site	Storage Shed To Be Salvaged & Protected on Site	1)		1)	EA	4.294	4.29)	62.0)	266.0)			266)		$ 296.91	$ 297
71	L101, L102	L101, L102	DI	Demo - Site	Batting Cage To Be Salvaged For Reuse by Owner	1)		1)	EA	4.564	4.56)	62.0)	282.8)			283)		$ 315.80	$ 316
72	L101, L102	L101, L102	DI	Demo - Site	Agility To Be Salvaged and Relocated	1)		1)	EA	6.524	6.52)	62.0)	404.5)			404)		$ 451.50	$ 452
73	L101, L102	L101, L102	DI	Demo - Site	Cantilever To Be Removed	3)		3)	EA	10.000	30.00)	62.0)	1,860.0)			1,860)		$ 2,076.48	$ 2,077
74	L101, L102	L101, L102	DI	Demo - Site	Steel Bollards TO Be Removed	1)		1)	EA	20.000	20.00)	62.0)	1,240.0)			1,240)		$ 1,384.40	$ 1,384
75	L101, L102	L101, L102	DI	Demo - Site	Wood Bollards To Be Removed	1)		1)	EA	5.320	5.32)	62.0)	329.8)			330)		$ 368.22	$ 368
76	L101, L102	L101, L102	DI	Demo - Site	Relocated Digital Message Board Sign	10		10	EA	1.500	15.00)	62.0)	930.0)			930)		$ 1,038.36	$ 1,038
77	L101, L102	L101, L102	DI	Demo - Site	Existing Storm Sewer To Be Removed - D2	5)		5)	EA	10.000	50.00)	62.0)	3,100.0)			3,100)		$ 3,460.50	$ 3,461
78	L101, L102	L101, L102	DI	Demo - Site	Existing Sanitary Sewer To Be Removed - A3	1)		1)	EA	20.000	20.00)	62.0)	1,240.0)			1,240)		$ 1,384.40	$ 1,384
79	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Underground Electric Service To Be Removed - B1	8,373)	5%)	8,792)	LF	0.065	571.45)	62.0)	35,438.1)			35,438)		$ 39,568.47	$ 39,568
80	C301 to C304	C301 to C304	DI	Demo - Site	Existing Overhead Electric Service To Be Removed - B2	823)	5%)	864)	LF	0.050	43.20)	62.0)	2,947.2)			2,947)		$ 3,290.47	$ 3,291
81	C301 to C304	C301 to C304	DIV-	Demo - Site	Existing Fuel Tank Piping To Be Removed - Z6	1,069)	5%)	1,122)	LF	0.095	106.66)	62.0)	6,553.1)			6,553)		$ 7,315.41	$ 7,316
82	C301 to C304	C301 to C304	DI	Demo - Site	Existing Gas Line To Be Removed - A1	105)	5%)	111)	LF	0.135	14.85)	62.0)	918.3)			918)		$ 1,025.01	$ 1,025
83	C301 to C304	C301 to C304	DI	Demo - Site	Existing Underground Communications Ductbank To Be Removed - F1	37)	5%)	39)	LF	0.135	5.20)	62.0)	322.2)			322)		$ 359.61	$ 360
84	C301 to C304	C301 to C304	DI	Demo - Site	Existing Above Ground Mechanical Piping To Be Removed - Z3	1,357)	5%)	1,990)	LF	0.050	99.50)	62.0)	6,169.0)			6,169)		$ 6,884.54	$ 6,885
85	C301 to C304	C301 to C304	DI	Demo - Site	Existing Concession Building To Be Demolished	1,378)	5%)	1,447)	LF	0.050	72.36)	62.0)	4,486.4)			4,486)		$ 5,006.71	$ 5,007
86	C301 to C304	C301 to C304	DI	Demo - Site	Perimeter Concrete Curb To Be Removed	106)	5%)	111)	LF	0.130	67.71)	62.0)	2,957.8)			2,958)		$ 3,301.27	$ 3,302
87	C301 to C304	C301 to C304	DI	Demo - Site	Stone Curb To Be Removed	1,646)	5%)	1,728)	LF	0.130	224.56)	62.0)	13,928.7)			13,929)		$ 15,549.07	$ 15,549
88	C101 to C104	C101 to C104	DI	Demo - Site	Existing Fence To Be Removed	1,646)	5%)	1,728)	LF	0.020	34.56)	62.0)	2,143.5)			2,143)		$ 2,392.55	$ 2,393
89	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Chain Link Fence To Be Removed	387)	5%)	407)	LF	0.130	52.97)	62.0)	3,284.4)			3,284)		$ 3,666.19	$ 3,666
90	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Chainlink Fence To Be Removed	6680.33)	5%)	6,850)	LF	0.095	649.41)	62.0)	40,277.6)			40,278)		$ 44,957.75	$ 44,958
91	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Chainlink Fence To Be Removed	153.67)	5%)	161)	LF	0.130	20.97)	62.0)	1,300.4)			1,300)		$ 1,451.32	$ 1,451
92	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Wall To Be Removed	737.88)	5%)	775)	LF	0.135	104.57)	62.0)	6,486.1)			6,486)		$ 7,239.41	$ 7,239
93	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Wall To Be Removed	1,000.00)	5%)	1,050)	LF	0.135	141.75)	62.0)	8,789.5)			8,790)		$ 9,811.07	$ 9,811
94	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Wall Protection Fence	3650.16)	5%)	3,833)	LF	0.120	459.96)	62.0)	29,758.8)			29,757)		$ 33,211.47	$ 33,212
95	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Tennis Court Associated Walls and Fence To Be Removed	561.74)	5%)	590)	LF	0.120	70.50)	62.0)	4,680.0)			4,681)		$ 5,224.17	$ 5,224
96	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Tennis Court Fence	2521.11)	5%)	2,647)	LF	0.120	291.39)	62.0)	18,059.1)			18,059)		$ 20,157.11	$ 20,157
97	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Existing Fence To Be Removed	1098.25)	5%)	1,153)	LF	1.500	1,729.70)	62.0)	107,236.2)			107,236)		$ 119,693.16	$ 119,693
98	L101, L102, L103	L101, L102, L103	DI	Demo - Site	Generator Fence To Be Removed	351.29)	5%)	369)	LF	1.500	553.95)	62.0)	34,344.9)			34,345)		$ 38,329.42	$ 38,329
99	L102	L102	DI	Demo - Site	Jump Wall and Rail To Be Removed	1003.87)		1,069)	LF	0.135	171.12)	62.0)	10,610.2)			10,610)		$ 11,841.07	$ 11,841
100	L101, L102	L101, L102	DI	Demo - Site	Wall with Fence To Be Removed	1003.87)		1,069)	LF	0.111	118.71)	62.0)	7,361.0)			7,361)		$ 8,215.07	$ 8,215
101	L101, L102	L101, L102	DI	Demo - Site	Stone Wall To Be Removed	1003.87)		1,069)	LF	0.111	118.71)	62.0)	7,361.0)			7,361)		$ 8,215.07	$ 8,215
102	L101, L102	L101, L102	DI	Demo - Site	Concrete Walk To Be Removed	208.29)		219)	LF	0.111	24.48)	62.0)	1,516.8)			1,516)		$ 1,692.47	$ 1,692
103	L101, L102	L101, L102	DI	Demo - Site	Concrete Walk To Be Removed	626.84)		658)	LF	0.121	79.39)	62.0)	4,921.8)			4,922)		$ 5,492.79	$ 5,493
104	L101, L102	L101, L102	DI	Demo - Site	Concrete Dumpster Pad To Be Removed	67.67)		71)	LF	0.135	10.30)	62.0)	638.8)			639)		$ 712.94	$ 713
105	L101, L102	L101, L102	DI	Demo - Site	Concrete Dumpster Pad To Be Removed	1,000.00)		1,050)	LF	0.030	31.50)	62.0)	1,953.0)			1,953)		$ 2,179.41	$ 2,179
106	L101, L102	L101, L102	DI	Demo - Site	Bituminous Concrete Pavements To Be Removed	49,620.38)		51,998)	LF	0.030	1,559.89)	62.0)	96,713.3)			96,713)		$ 107,921.17	$ 107,921
107	L101, L102	L101, L102	DI	Demo - Site	Existing Rock Outcropping To Be Demolished and Removed	10515.46)		10,516)	LF	0.030	315.46)	62.0)	19,556.7)			19,557)		$ 21,819.29	$ 21,819
108	L101, L102	L101, L102	DI	Demo - Site	Tennis Court and Shed To Be Removed	521.87)		548)	SF	0.034	18.62)	62.0)	1,155.2)			1,155)		$ 1,288.67	$ 1,289
109	L101, L102	L101, L102	DI	Demo - Site	Existing Vegetation Area To Be Removed	26,000.00)		27,300)	SF	0.034	926.20)	62.0)	57,444.4)			57,444)		$ 64,071.07	$ 64,071
110	L101, L102	L101, L102	DI	Demo - Site	Softball Field To Be Removed	10776.45)		11,278)	SF	0.034	383.87)	62.0)	23,810.2)			23,810)		$ 26,557.29	$ 26,557
111	L101, L102	L101, L102	DI	Demo - Site	Baseball Field To Be Removed	36949.41)		38,797)	SF	0.028	1,086.16)	62.0)	67,351.4)			67,351)		$ 75,109.57	$ 75,110
112	L101, L102	L101, L102	DI	Demo - Site	Athletic Field and Track Apparatuses to Be Removed	5813.93)		6,105)	SF	0.028	170.89)	62.0)	10,595.2)			10,595)		$ 11,816.09	$ 11,816
113	L101, L102	L101, L102	DI	Demo - Site	Apparatuses to Be Removed	62886.36)		66,029)	SF	0.028	1,848.57)	62.0)	81,875.4)			81,875)		$ 91,293.71	$ 91,294
114	L101, L102	L101, L102	DI	Demo - Site	Sign To Be Removed	102702.07)		107,837)	SF	0.028	3,018.47)	62.0)	133,693.4)			133,693)		$ 149,069.31	$ 149,069
115	L101, L102	L101, L102	DI	Demo - Site	Existing Building To Be Removed	31116.75)		32,673)	SF	0.028	914.49)	62.0)	40,514.4)			40,514)		$ 45,167.71	$ 45,168
			DI			2587.46)		2,717)	SF	0.060	157.02)	62.0)	6,955.1)			6,955)		$ 7,755.17	$ 7,755
116	L101, L102	L101, L102	DI	Demo - Site		195457.36)		205,197)	SF	0.026	5,324.11)	62.0)	317,694.8)			317,695)		$ 354,200.07	$ 354,200
					Electrical												$ 1,801,282		
					Lighting Fixtures														
118	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Exterior Light Fixture- **SC1**	27)	0%)	27)	EA	4.521	122.07)	78.0)	9,523.2)	1,652.0)	44,604.0)	54,127)		$ 2,364.74)	$ 63,906
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_1L_B4_PT0_12L_C11														
					Voltage : 277V														
120	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Pole Mounted Light Fixture- **SC11**	1)	0%)	1)	EA	4.521	4.51)	78.0)	352.7)	1,652.0)	1,652.0)	2,005)		$ 2,364.74)	$ 2,365
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_1L_B4_PT0_12L_C11														
					Voltage : 277V														
121	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Pole Mounted Light Fixture- **SC12**	1)	0%)	1)	EA	4.521	4.51)	78.0)	352.7)	1,652.0)	1,652.0)	2,005)		$ 2,364.74)	$ 2,365
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_1L_B4_PT0_12L_C11														
					Voltage : 277V														
122	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Pole Mounted Light Fixture- **SGB**	4)	0%)	4)	EA	4.625	18.50)	78.0)	1,443.0)	1,785.0)	7,140.0)	8,583)		$ 2,510.86)	$ 10,035
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_B1_B4_PT0_12L_C11														
					Voltage : 277V														
123	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Exterior Light Fixture- **SC**	68)	0%)	68)	EA	4.758	323.30)	78.0)	25,213.0)	1,956.0)	134,964.0)	160,177)		$ 2,714.39)	$ 187,891
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_11L_B4_PT0_12L														
					Voltage : 277V														
124	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Exterior Light Fixture- **SAS**	4)	0%)	4)	EA	4.521	18.08)	78.0)	1,410.9)	1,652.0)	6,608.0)	8,019)		$ 2,364.74)	$ 9,376
					Manufacturer : Visionaire -uco- Series														
					Model : LSD-W_T3L_1L_B4_PT0_12L_C11														
					Voltage : 277V														
125	E0.101 to E0.104	E600	DIV- 26	Site Electrical	Exterior Light Fixture- **SA**	90)	0%)	90)	EA	4.758	428.22)	78.0)	33,408.2)	1,956.0)	176,040.0)	209,448)		$ 2,714.39)	$ 245,191

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNITMATERIALCOST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUP%	TOTAL ITEM COST WITH MARKUP%
147	03/G15 to 03/J16	03/G15 to 03/J16	DIV-26	Site Electrical	Hexagonal Electrical Vault Per Eversource Requirement - **E12**	4	0%	4	EA	8.000	32.00	78.03	2,496.52	4,850.00	19,400.00	21,897		5,424.46	21,696
					Size: 5'-6" x 6'-4"														
148	03/G15 to 03/J16	03/G15 to 03/J16	DIV-26	Site Electrical	Hexagonal Electrical Vault Per Eversource Requirement - **E16**	2	0%	2	EA	8.000	16.00	78.03	1,248.52	5,150.00	10,300.00	11,548		5,778.74	11,557
					Size: 5'-6" x 6'-4"														
149	03/G15 to 03/J16	03/G15 to 03/J16	DIV-26	Site Electrical	Grade Box	3	0%	3	EA	3.500	10.50	78.03	819.21	768.80	2,276.31	3,095		1,200.93	3,603
					Provide 2' x 2' 0' Grade Box - **E127**														
					Material: Polymer Concrete														
150	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	Grounding	2	0%	2	E	0.750	1.50	78.03	117.05	126.35	252.70	369		202.86	405
151	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	Ground Ground Bar w / Insulated Standoffs	1	0%	1	E	1.250	1.25	78.03	97.52	285.00	285.00	383		383.00	383
152	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	Rod 5/8" x 8' no 24" L	3	0%	3	E	0.500	1.00	78.03	78.03	95.00	285.00	363		121.74	365
153	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	Neutral Bus	2	0%	2	E	0.500	1.00	78.03	78.03	85.00	170.00	248		163.93	328
154	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	Equipment Ground Bus	2	0%	2	E	0.800	1.60	78.03	124.84	45.00	1,560.00	1,685		842.49	1,685
155	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#1/0 AWG Bare Coppertinner	60	0%	60	A	0.960	57.60	78.03	7,489.41	38.00	3,800.00	11,290		188.16	11,290
156	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#6/0 AWG Bare Coppertinner	100	0%	100	A	1.200	120.00	78.03	9,362.01	32.00	3,200.00	12,562		125.62	12,562
			DIV-26		#6/0 AWG Bare Coppertinner	100		100	A										
			DIV-26						A										
			DIV-26						A										
					Wiring & Conduit														
157	03/J21 to 03/J24	03/G15	DIV-26	Site Electrical	2-1/2" SCH 80 PVC conduit	17,134	5%	17,970	A	0.114	2,048.93	78.03	159,820.61	2.71	48,518.21	208,339		12.15	218,755
158	03/J21 to 03/J24	03/G15	DIV-26	Site Electrical	#10 Wires, for Lighting	51,942	5%	53,909	A	0.004	215.77	78.03	16,836.42	0.31	16,124.22	49,771		1.00	50,309
			DIV-26						A										
			DIV-26						A										
159	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	1" Conduit, Schedule 40 PVC	5,838	5%	6,130	A	0.201	1,232.11	78.03	96,124.91	15.41	94,420.31	190,525		31.08	218,895
160	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	2" Conduit, Schedule 40 PVC	25,193	5%	26,453	A	0.177	4,682.12	78.03	365,283.92	10.11	267,579.81	632,864		27.30	722,938
161	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	3" Conduit, Schedule 40 PVC	4,593	5%	4,963	A	0.160	825.76	78.03	64,407.87	3.22	15,980.75	80,389		16.20	80,389
162	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	4" Conduit, Schedule 40 PVC	2,295	5%	2,480	A	0.214	529.71	78.03	41,326.00	5.37	13,316.25	54,642		22.03	54,642
163	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	2 - Copper - conductor	3001	5%	3242	A	0.004	12.40	78.03	966.95	1.71	5,147.01	6,114		1.89	6,114
164	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	3/0 Wires	51,876	5%	56,070	A	0.065	3,305.86	78.03	257,946.01	15.51	1,495,281.91	1,909,225		28.32	2,218,256
165	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#350kcmil Wires	91,883	5%	99,278	A	0.092	8,819.92	78.03	688,164.01	15.51	1,539,463.13	2,227,627		28.32	2,811,718
166	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#350kcmil Wires	5,888	5%	6,362	A	0.064	376.92	78.03	29,415.41	8.31	51,405.41	72,821		13.58	86,416
167	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#4/0 Wire	1,185	5%	1,279	A	0.051	64.70	78.03	5,048.61	1.21	1,548.31	7,597		7.49	9,575
168	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#2 Wire	51,647	5%	55,799	A	0.034	2,052.71	78.03	160,181.41	1.51	22,103.51	182,285		4.19	233,872
169	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#6 Wire	1,185	5%	1,279	A	0.025	31.98	78.03	2,495.41	0.91	1,164.15	3,660		3.70	4,732
170	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#8	6,179	5%	6,673	A	0.012	80.00	78.03	6,241.01	0.41	2,733.51	11,648		1.77	11,817
171	03/G15 to 03/J16	03/G15	DIV-26	Site Electrical	#10	6,848	5%	7,395	A	0.004	57.92	78.03	4,518.71	0.31	2,150.41	6,669		1.00	7,395
			DIV-26						A										
			DIV-26						A										
			DIV-26						A										
					Solar System														
172	03/J26	03/J26	DIV-26	Site Electrical	210W Solar Array	1	0%	1	E	120.000	120.00	78.03	9,362.01	95,000.01	95,000.01	104,362		121,641.14	122,639
173	03/J26	03/J26	DIV-26	Site Electrical	240W Solar Array	1	0%	1	E	240.000	240.00	78.03	27,457.87	425,000.01	425,000.01	452,458		553,774.87	554,774
174	03/J26	03/J26	DIV-26	Site Electrical	330W Solar Array	1	0%	1	E	240.000	240.00	78.03	18,724.01	185,000.01	185,000.01	203,724		239,981.93	239,982
175	03/J26	03/J26	DIV-26	Site Electrical	1000W Solar Array	1	0%	1	E	330.000	330.00	78.03	25,815.05	98,000.01	98,000.01	123,815		159,996.00	159,996
176	03/J26	03/J26	DIV-26	Site Electrical	Panel PV01A	1	0%	1	E	8.000	8.00	78.03	624.21	12,500.01	12,500.01	13,124		15,458.26	15,458
177	03/J26	03/J26	DIV-26	Site Electrical	Panel PV01B	1	0%	1	E	6.000	6.00	78.03	468.16	9,750.01	9,750.01	10,218		12,637.50	12,638
178	03/J26	03/J26	DIV-26	Site Electrical	Panel PV01C	1	0%	1	E	4.000	4.00	78.03	312.11	7,000.01	7,000.01	7,312		9,061.26	9,061
179	03/J26	03/J26	DIV-26	Site Electrical	2 - 2 in Grade Pull Box	3	0%	3	E	2.500	7.50	78.03	585.15	850.01	2,550.01	3,135		3,872.50	3,873
			DIV-26						A										
			DIV-26						A										
			DIV-26						A										
					Wiring & Conduits														
180	03/J26	03/J26	DIV-26	Site Electrical	4" Conduit	671	5%	705	A	0.120	84.58	78.03	6,598.41	6.81	4,792.71	11,391		16.98	11,977
181	03/J26	03/J26	DIV-26	Site Electrical	Wiring	671	5%	705	A	0.015	10.57	78.03	824.80	0.21	141.01	966		1.50	1,057
			DIV-26						A										
Site Work			**DIV-31**														**3,917,000**		
					Earthwork														
					Excavation														
182	03/J31 to 03/J34	03/J300	DIV-31	Earth worker	Excavation for Electrical Conduit Trenching	1,908	5%	2,053	C	0.285	586.20	115.21	67,551.41	-	-	67,551		36.91	75,823
183	03/J31 to 03/J34	03/J300	DIV-31	Earth worker	Excavation for Light Poles	14	5%	15	C	0.285	4.30	115.21	496.41	-	-	496		36.91	557
184	MISC/J30	MISC/J31	DIV-31	Earth worker	Excavation for Mechanical Pipes (4'-0" Deep)	11,148	5%	11,774	C	0.285	3,353.50	115.21	1,141,398.36	-	-	1,141,398		96.87	1,279,487
			DIV-31						C										
					Backfill Backfill														
185	03/J31 to 03/J34	03/J300	DIV-31	Earth worker	Backfill (Electrical Trenching)	1,180	5%	1,409	C	0.185	260.07	115.21	30,889.51	-	-	30,889		21.84	30,889
186	MISC/J30	MISC/J31	DIV-31	Earth worker	Backfill (Mechanical Piping)	11,148	5%	11,708	C	0.185	2,166.12	115.21	759,676.71	-	-	759,676		21.84	821,898
			DIV-31						C										
					Sand Bedding														
187	03/J31 to 03/J34	03/J300	DIV-31	Earth worker	6" Thick Sand Bedding	4,137	5%	4,344	CY	0.675	2,932.24	115.21	337,883.91	28.00	121,634.31	459,518		119.51	519,207
					Utility Trench														
188					**Trenching for Utilities Services**			19,887	LF							-		-	-
189			DIV-31	Earth worker	Excavation	6,571	5%	6,800	CY	0.285	1,267.07	115.21	157,618.91	-	-	157,620		38.97	175,389
190			31	Earth worker	Backfilling	927	5%	952	CY	0.185	176.09	115.21	20,290.61	-	-	20,291		21.84	20,800
191			DIV-31	Earth worker	Backfilling	6,660	5%	6,860	CY	0.185	711.60	115.21	82,024.11	-	-	82,024		21.84	90,186
192			31	Earth worker	Hauling	927	5%	952	CY	0.150	142.77	115.21	16,451.81	-	-	16,452		19.26	18,326
			DIV-31																
			DIV-31																
					Trenching for Manhole														
193			DIV-31	Earth worker	Excavation	798	5%	775	C	0.285	220.81	115.21	25,448.11	-	-	25,448		38.97	29,939
194			31	Earth worker	Backfilling	37	5%	39	C	0.185	7.19	115.21	828.21	-	-	828		21.84	850
195			DIV-31	Earth worker	Backfilling	963	5%	935	C	0.185	109.24	115.21	12,603.91	-	-	12,603		21.84	12,923
196			31	Earth worker	Hauling	179	5%	188	C	0.150	27.54	115.21	3,174.21	-	-	3,174		19.26	3,620
			DIV-31						C										
			DIV-31						C										
					Trenching for Yard drain														
197			DIV-31	Earth worker	Excavation	13	5%	13	C	0.285	3.03	115.21	376.21	-	-	376		38.97	503
198			31	Earth worker	Backfilling	3	5%	3	C	0.185	0.59	115.21	67.21	-	-	67		21.84	73
199			DIV-31	Earth worker	Backfilling	10	5%	10	C	0.185	1.88	115.21	217.51	-	-	217		21.84	225
200			31	Earth worker	Hauling	5	5%	5	C	0.150	1.10	115.21	127.21	-	-	127		19.26	142
			DIV-31						C										
			DIV-31						C										
					Trenching for Cascade														
201			DIV-31	Earth worker	Excavation	224	5%	235	C	0.285	67.02	115.21	7,724.11	-	-	7,724		38.97	8,420
202			31	Earth worker	Backfilling	13	5%	13	C	0.185	2.08	115.21	239.51	-	-	240		21.84	260
203			DIV-31	Earth worker	Backfilling	83	5%	82	C	0.185	9.87	115.21	676.91	-	-	677		21.84	738
204			31	Earth worker	Hauling	174	5%	182	C	0.150	27.54	115.21	3,150.61	-	-	3,151		19.26	3,508
			DIV-31						C										
			DIV-31						C										
					Trenching for Infiltration System														
205			DIV-31	Earth worker	Excavation	2,748	5%	2,904	C	0.285	828.11	115.21	95,487.81	-	-	95,488		38.97	106,167
206			31	Earth worker	Hauling	2,748	5%	2,904	C	0.150	435.96	115.21	50,239.71	-	-	50,240		19.26	55,968
			DIV-31						C										
Exterior Improvements			**DIV-32**														**16,401,900**		
					Curbs														
207	L302	L409	DIV-32	Site Concrete	6" x 2'-6" Deep Concrete Curb (Class C Concrete)	13,181	5%	13,840	LF	0.169	1,168.18	81.11	122,104.11	6.31	87,361.61	212,308		17.91	247,837
208	L404	L409	32	Site Concrete	Granite Planter Curb	727.17	5%	763	LF	0.169	64.22	81.11	6,749.11	6.31	4,862.91	11,712		17.91	13,667
209	L404	L409	32	Site Concrete	Bituminous Concrete Curb - City Standard (Offsale)	937	5%	983	LF	0.169	82.86	81.11	6,714.81	6.31	6,201.51	12,916		17.91	15,077
210	L404	L409	32	Site Concrete	2'x6" Notch Securing Synthetic Turf Curb (**SSBB-UP**)	477	5%	499	LF	2.660	1,326.56	81.11	9,777.11	638.00	21,660.91	31,438		738.39	36,879
211	L404	L409	32	Site Concrete	8(Reinforcement = 1155 LF)	772	5%	810	LF	0.020	16.20	81.11	1,314.01	0.85	793.41	2,067		2.85	2,309
			DIV-32																
			DIV-32																
					Aggregate Strip														
212	L302	L302	Paving	Site Concrete	2'-0" Wide Aggregate Strip	93.04	5%	99	S	0.022	2.17	68.61	148.41	1.01	99.91	248		2.67	265
213	L302	L302	32	Paving	6'-0" Wide Aggregate Strip	206.3	5%	216	S	0.060	12.42	68.61	852.11	2.41	520.81	1,373		4.51	2,427
214	L302	L302	32	Paving	6'-0" Wide Aggregate Strip	180.42	5%	189	S	0.060	11.38	68.61	780.91	2.41	455.31	1,236		4.51	2,124
215	L302	L302	32	Paving	Thick 3-0" Wide Stone Mulch Maintenance Strip W/	822	5%	863	SF	0.060	51.77	68.61	3,551.21	6.21	5,357.21	8,908		9.14	9,906
216	L401	L409	32	Paving	Aluminum Edge Restraint	385.95	5%	363	S	0.015	5.45	68.61	373.91	2.01	730.01	1,103		3.51	1,276
217	L401	L409	32	Paving	6'-0" Wide French Drain	82	5%	86	S	0.012	1.03	68.61	68.61	3.81	326.21	395		9.01	775
			DIV-32						S										
			DIV-32						S										
					Bleachers														
218	L302	L302	DIV-32	Site Concrete	Aluminum Bleacher														
					Size 24'-0" x 7'-0"			4	EA	16.000	64.00	81.11	5,190.41	14,500.01	58,000.01	63,190		15,572.58	70,291
					Manufacturer: Belson														
					Model: 80-101C-DC Or Approved Equal														
219	L302	L302	DIV-32	Site Concrete	Aluminum Bleacher														
					Size 15'-0" x 7'-0"			4	EA	12.000	48.00	81.11	3,892.81	11,250.01	45,000.01	48,893		12,372.28	57,489
					Manufacturer: Belson														
					Model: 80-101C-DC Or Approved Equal														
220	L302	L302	DIV-32	Site Concrete	10'-0" x 30'-0" Concrete Bleacher Pad	4		4	EA	16.000	96.00	81.11	7,783.61	8,750.01	35,000.01	42,784		12,506.49	50,026
221	L302	L302	32	Site Concrete	10'-0" x 24'-0" Concrete Bleacher Pad	2		2	EA	20.000	40.00	81.11	3,243.01	7,500.01	15,000.01	18,243		10,268.75	20,537
			DIV-32						A										
					Base Insert														
222	L302	L302	DIV-32	Site Concrete	14'x 15' Base W/														
					15"x15" Concrete Setting Bed W/ (6) #8 Bars set on square Pattern	4		4	EA	12.500	50.00	81.11	4,055.01	8,750.01	35,000.01	39,055		11,465.29	45,861
					Note: 1. For Bocciball Sets: Base Insert Shall Be Provided In Model SHBS SCHUTT Bocciball Shell Base Set, as Manufactured By Sportfield Specialties OR Approved Equal														
					2. For Soft Ball Pitcher Base Insert Shall Be Provided In Model SHBS SCHUTT Hollywood Model Double Post Base Set, as Manufactured By Sportfield Specialties OR Approved Equal.														
					Score Board														
223	L302	5-L602	DIV-32	Exterior Improvements	Scoreboard W/														
					(2) 15'-0" High Steel Column	8		8	EA	16.000	72.00	68.61	4,917.51	28,500.01	85,500.01	90,417		15,687.22	106,460
					Score Board To Be NEVCO Model 1669-DC Equal														
224	L302	5-L602	DIV-32	Exterior Improvements	Scoreboard														
					Size: 16'-0" W x 6'-0" H x 8" D	1		1	EA	20.000	20.00	68.61	1,384.91	22,750.01	22,750.01	24,134		28,391.72	28,392
					Manufacturer: Nevco														
					Model: 1669														
					Or Approved Equal														
					Landscape														
225	L302	L302	DIV-32	Site Concrete	1'-0" wide x 8'-0" Long Concrete Wheelstop W/														
					(2) #4 Bars Tied Grade 60	8		8	EA	2.500	20.00	81.11	1,622.01	325.01	2,600.01	4,222		610.58	4,891
					Drain														
226	L201	L201	DIV-32	Utilities	French Drain	285	5%	299	LF	0.375	95.93	82.41	7,902.81	11.41	3,416.11	11,750		14.41	4,307
					Trash Receptacle														
227	L201	L201	DIV-32	Utilities	Trash Receptacle	3		3	EA	2.500	8.40	82.41	691.91	351.01	2,550.01	3,241		1,261.68	3,785
					Bench														
228	L201	L201	DIV-32	Exterior Improvements	8' Backless Bench	18		18	E	0.750	13.50	68.61	922.01	455.01	8,190.01	9,022		588.63	10,595
229	L201	L201	32	Exterior Improvements	8' Backless Bench	2		2	A	0.500	1.00	68.61	68.61	275.01	550.01	618		362.89	726
			DIV-32						A										
					Light Pole														
230	03/G15 to 03/J16	03/G302	DIV-32	Exterior Improvements	Concrete	18	5%	19	C	2.660	45.81	68.61	3,128.71	438.01	8,223.81	11,352		705.31	13,052
231	03/G15 to 03/J16	03/G302	DIV-32	Exterior Improvements	Anchor Bolts	432		432	E	0.065	28.43	68.61	1,822.11	1.51	653.01	2,475		6.73	2,907
			DIV-32																
					Wooden Bleachers														
232	03/G15 to 03/J16	03/G300	DIV-32	Exterior Improvements	Concrete Slab PV	457	5%	480	CY	3.000	1,439.55	68.61	98,316.21	210.01	101,768.51	199,085		676.75	228,775
233	03/G15 to 03/J16	03/G300	DIV-32	Exterior Improvements	Metal Warning Tape	12,137		12,612	LF	0.015	189.19	68.61	12,981.31	0.41	5,196.21	18,178		1.41	17,768
234	03/G15 to 03/J16	03/G300	DIV-32	Exterior Improvements	Provide Suitable Separators & Chairs For 5" Conduits @ 6'-0" O.C	1,439		1,439	EA	0.050	72.95	68.61	4,982.21	3.31	4,761.81	9,724		7.80	11,187
235	03/G15 to 03/J16	03/G300	DIV-32	Exterior Improvements	Provide Suitable Separators & Chairs For 4" Conduits @ 6'-0" O.C	6,580		6,580	EA	0.020	131.80	68.61	9,043.51	2.11	13,774.11	22,775		3.46	22,775
			DIV-32																
			DIV-32																
					Safety Netting														
236	L604	2-L601	DIV-32	Exterior Improvements	60'-0" High Safety Netting W/														
					10'-0" Pole Spacing	590	5%	619	LF	0.120	66.78	68.61	4,583.81	12.01	6,678.01	11,239		23.61	12,975
237	L301	2-L601	DIV-32	Exterior Improvements	20'-0" High Safety Netting W/														
					10'-0" Pole Spacing	419	5%	440	LF	0.100	44.00	68.61	3,024.71	9.51	4,179.51	7,186		18.81	8,291
					Synthetic Field														
238	L604	2-L601	DIV-32	Exterior Improvements	2" Synthetic Turf Surface with 1/8 Ex Provide 1/2" Pipe Reveal	77917.72	5%	81,809	S	0.015	1,225.43	68.61	83,704.21	3.11	252,479.41	336,186		4.73	386,615
239	L301	2-L601	32	Exterior Improvements	Infill Material Sand	77917.72	5%	81,809	SF	0.015	1,225.43	68.61	83,704.21	0.41	33,246.41	116,951		1.41	115,377
240	L301	2-L601	32	Exterior Improvements	Infill Material Rubber SBR	77917.72	5%	81,809	SF	0.015	1,225.43	68.61	83,704.21	3.31	270,318.51	354,023		4.51	368,246
241	L301	2-L601	32	Exterior Improvements	12" Flat Drain Pipe	77917.72	5%	81,809	F	0.065	5,311.00	68.61	362,726.81	6.81	551,531.11	914,260		12.90.01	1,056,919
			DIV-32						F										
			DIV-32						F										
					Drain														
242	L301	3-C204	DIV-32	Exterior Improvements	2" 6' Wide French Drain	501.93		501	LF	0.101	100.99	68.61	6,897.01	54.71	27,419.71	34,317		75.81	42,330
243	L301	1-L605	DIV-32	Exterior Improvements	ACO 2000 Slot Drain	565.31		572	LF	0.220	125.76	68.61	8,587.31	60.01	36,291.51	42,879		87.34	52,380
244	L301	1-L605	32	Site Concrete	Slot Drain Shall be ACO Sport System 2000 Or Approved Equal	16.1	5%	17	CY	2.660	43.22.01	68.61	3,954.01	438.01	7,617.11	11,571		718.14	12,180
245	L301	1-L605	32	Site Concrete	10"x 14" Concrete Drain W/ (4) #4 Bars Cont, #4 U-Bars @12" O.C	2216.3		2,326	LBS	0.020	46.52.01	81.11	3,772.41	0.91	2,162.91	5,935		2.50.01	5,760
			DIV-32		8(Reinforcements - 8616 LF														
			DIV-32																
					Drain														
246	L301	2-L605	DIV-32	Exterior Improvements	ACO 4000 Slot Drain W/														
					4.84" Drain Grate	740.27	5%	798	LF	0.400	319.94	68.61	21,953.91	85.01	67,862.01	89,676		110.81	106,891
					Slot Drain Shall be ACO Sport System 4000 Or Approved Equal														
247	L301	2-L605	DIV-32	Site Concrete	16"x 14" Concrete Drain W/ (4) #4 Bars Cont, #4 U-Bars @12" O.C	3038.2	5%	3,212	LBS	0.020	64.43	81.11	5,224.81	0.91	2,996.91	8,224		2.50.01	8,030
			DIV-32		8(Reinforcements - 8616 LF														
			DIV-32																
					Latex Track														
248	L201	L603	DIV-32	Exterior Improvements	1/2" Synthetic Polyurethane Track Surface	53577	5%	56,256	SF	0.085	4,781.71	68.61	326,574.41	5.51	309,407.21	635,982		12.91	730,220
					4" Bituminous Concrete Pavement (ETSDOT-M.03) W/														
250	L302	3-L608	DIV-32	Paving	1.75" Superpave Surface Course (ETSDOT-M.08)	65,271	5%	68,535	SF	0.085	5,084.05	68.61	210,630.11	3.31	222,737.31	433,367		7.27	498,272
					2.25" Superpave Binder Course (ETSDOT-M.08)														
					High School Discus Pad and Cage														
251	L201	L603	DIV-32	Exterior Improvements	Discus Cage Netting	62.17	5%	65	LF	0.500	32.64	68.61	2,239.11	18.01	1,171.01	3,410		55.38	3,670
252	L302	3-L608	32	Paving	4" Concrete Pad W/ 6x6 W1.8xW1.8 WWF (4030 Psi) - 8" Gravel Borrow	100	5%	105	SF	0.750	78.

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub-Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNITMATERIALCOST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUP%	TOTAL ITEM COST WITH MARKUP%
			DIV-32						SF										
283	L102	6-1409	DIV-32	Site Concrete	2'-0"x6"-6" Compacted Granular-Base Leveling Pad	372	5%l	391(	LF	0.094	38.2605	$1.1(1	$3,914.6	6.81(	2,656.1	6,570.8		$ 36.95	$ 9,695
284	L102	6-1409	DIV-32	Site Concrete	Perforated Drain Pipe	372	5%l	391(	LF	0.015	5.7(15	$1.1(1	$5.9	4.21(	1,645.1(	1,652		$ 7.20	$ 2,827
					Concrete Retaining Wall														
285			DIV-32	Site Concrete	12" Thick Cast In Place Concrete Retaining Wall W/8#@12" O.C vertical, 8#@12" O.C Horizontal	372	5%l	2010	LF	0.320	64.44(	$1.1(	5,243.3	28.8(	5,817.6	11,060		$ 62.38	$ 12,720
286	L201	4D-1102	DIV-32	Site Concrete	Concrete 4500 Psi	31.1	5%l	36(	CY	1.000	107.00	$1.1(	6,753.4	210.0(	7,315.3	14,100		$ 324.00	$ 11,664
287	L201	4D-1102	DIV-32	Site Concrete	Formwork	1838.0	5%l	1,960	SF	0.050	98.12	$1.1(	8,038.6	-	$ -	8,039		$ 4.10	$ 8,070
288			DIV-32	Site Concrete	8# Reinforcement=1962LF	1926.0	5%l	1,970	LBS	0.010	19.70	$1.1(	1,513.3	-0.8(	-1,274.8	238		$ 2.00	$ 3,940
289			DIV-32	Site Concrete	1'-0"x6"-0" Concrete Footing w/(3) #5 Each way	29.9	5%l	31(	CY	3.000	94.27	$1.1(	7,605.0	210.0(	6,998.7	14,244		$ 334.00	$ 10,326
290	L201	4D-1102	DIV-32	Site Concrete	Formwork	412.4	5%l	433	SF	0.050	21.60	$1.1(	1,764.6	-	$ -	1,765		$ 4.10	$ 1,770
291	L201	4D-1102	DIV-32	Site Concrete	8# Reinforcement=1818LF	1836.0	5%l	1,930	LBS	0.010	19.30	$1.1(	1,614.5	0.8(	1,851.4	3,466		$ 2.00	$ 3,860
			DIV-32																
			DIV-32		**Gate**														
292	L201		DIV-32	Fencing and Gates - Metal	6'-0" Ornamental Iron Pedestrian Gate W/ 6'-0" Wide Double Gate -Electronic Lock, Panic Bar and Communications - All Hardware and Appurtenant	3		3(	EA	18.000	54.00	$5.9(	4,637.9	29,500.0(	29,500.0	34,138		$ 11,358.41	$ 40,075
293	L201		DIV-32	Fencing and Gates - Metal	6'-0" Ornamental Iron Pedestrian Gate W/ 5'-0" Wide Single Gate -Electronic Lock, Panic Bar and Communications - All Hardware and Appurtenant	1		1(	EA	12.000	12.00	$5.9(	1,030.4(	6,750.0(	6,750.0	7,781		$ 9,122.14	$ 9,122
294	L202	L603	DIV-32	Fencing and Gates - Metal	6'-0" Wide Double Gate W/ -4"Diameter Gate Post -Tension Bar -1.75" Fabric Diamond Mesh Interwoven 6 Gauge wire knuckled selvage Top & Bottom Black PVC Coated	3		3(	EA	8.500	25.50	$5.9(	2,190.1(	9,250.0(	9,750.0	11,940		$ 4,653.18	$ 13,959
295	L202	6-L603	DIV-32	Fencing and Gates - Metal	12'-0" Wide x 6'-0" High Chain Link Swing Gate -4" Diameter Gate Post -Tension Bar -1.75" Fabric Diamond Mesh Interwoven 6 Gauge wire knuckled selvage Top & Bottom Black PVC Coated	5		5(	EA	6.250	31.25	$5.9(	2,684.0(	2,150.0(	10,750.0	13,434		$ 3,138.28	$ 15,691
296	L202	6-L603	DIV-32	Fencing and Gates - Metal	6'-0" Wide Emergency / Maintenance Access Slide Gate -1.75" Fabric Diamond Mesh Interwoven 6 Gauge wire knuckled selvage Top & Bottom Black PVC Coated	16		16(	E	3.750	60.00	$5.9(	5,153.2(	1,650.0(	23,200.0	28,353		$ 2,071.98	$ 33,152
297	L202	L603	DIV-32	Fencing and Gates - Metal	12'-0" Wide Emergence / Maintenance Access Slide Gate	7		7(	A	7.500	52.50	$5.9(	4,508.1(	4,800.0(	33,600.0	38,109		$ 4,387.72	$ 44,734
298	L202	L603	DIV-32	Fencing and Gates - Metal	12'-0" Wide Vehicular Barrier Double Gate	2		2(	A	24.000	48.00	$5.9(	4,122.1(	18,500.0(	37,000.0	41,122		$ 19,185.00	$ 38,370
299	L206		DIV-32	Fencing and Gates - Metal	RFID Control Gate W/ Access Control & Call Box	2		2(	A	20.000	40.00	$5.9(	3,435.9(	12,250.0(	24,500.0	27,935		$ 16,383.52	$ 32,767
300	L207		DIV-32	Fencing and Gates - Metal	Gate Post Pole	2		2(	A	2.500	5.00	$5.9(	429.4(	850.0(	1,700.0	2,129		$ 1,251.53	$ 2,503
			DIV-32						A										
			DIV-32						A										
			DIV-32		**Handrail**														
301	L501P		DIV-32	Exterior improvements	2'-10" High 2" O.D Stainless Steel Handrail W/ -1"x3/8" Flat Bar Intermediate Stainless Steel Post	260	5%l	273(	LF	0.660	177.41(	$8.3(	12,123.2(	80.1(	21,861.8	33,985		$ 164.14	$ 39,186
302	L501P		DIV-32	Site Concrete	12" Thick Concrete Stair Landing	6	5%l	6(	CY	2.680	15.37	$1.1(	1,246.7(	658.0(	2,759.4	4,006		$ 758.14	$ 4,551
303	L501D, L501P, L501W		DIV-32	Site Concrete	6" Riser x 12" Tread x 6'-0" Concrete Stair Step 8#@12" O.C Each Way , #4 Rebar @Each Nosing	6		6(	E	14.500	87.00	$1.1(	7,059.7(	2,850.0(	17,100.0	24,159		$ 4,678.90	$ 28,073
304			DIV-32	Site Concrete	Concrete	15.8	5%l	17(	CY	2.680	45.56	$1.1(	3,696.6(	438.0(	7,380.7	11,077		$ 758.14	$ 12,879
305	L501		DIV-32	Site Concrete	6" Riser x 14" Tread x 10'-6" Concrete Stair Step 8#@12" O.C Each way , #4 Rebar @Each Nosing	16		16(	E	14.500	232.00	$1.1(	18,815.2(	2,850.0(	45,600.0	64,415		$ 4,678.90	$ 74,908
306			DIV-32	Site Concrete	Concrete	8.7	5%l	9(	CY	2.680	22.19	$1.1(	1,799.9(	438.0(	3,883.9	5,684		$ 758.14	$ 6,712
307	L501B		DIV-32	Site Concrete	6" Riser x 14" Tread x 5'-0" Concrete Stair Step 8#@12" O.C Each way, #4 Rebar @Each Nosing	9		9(	E	14.500	130.50	$1.1(	10,583.6(	2,850.0(	25,650.0	36,234		$ 4,678.90	$ 42,106
308			DIV-32	Site Concrete	Concrete	2.6	5%l	2(	CY	2.680	5.36	$1.1(	434.6(	438.0(	1,050.1	1,484		$ 758.14	$ 1,770
			DIV-32		**Retaining Wall**														
309			DIV-32	Site Concrete	12" Concrete Retaing Wall 5'-0" High	17.00	5%l	18(	C	2.680	43.93	$1.1(	3,563.2(	658.0(	11,911	15,474		$ 758.14	$ 13,379
310			DIV-32	Site Concrete	2'-0" x 1'-0" Concrete Footing	11.33	5%l	12(	Y	2.680	29.04	$1.1(	2,354.8(	658.0(	5,212.2	7,567		$ 758.14	$ 8,589
311			DIV-32	Site Concrete	12" Concrete Retaing Wall 5'-0" High	21.85	5%l	23(	C	2.680	55.98	$1.1(	4,540.3(	658.0(	15,009.7	19,590		$ 758.14	$ 16,937
312			DIV-32	Site Concrete	2'-0" x 1'-0" Concrete Footing	12.11	5%l	13(	Y	2.680	31.03	$1.1(	2,516.2(	658.0(	5,569.8	8,742		$ 758.14	$ 9,187
313			DIV-32	Site Concrete	6" 6" Thick Concrete Retaing Wall 1'-7" High	6.00	5%l	6(	C	2.680	15.37	$1.1(	1,246.6(	658.0(	2,759.2	4,006		$ 758.14	$ 4,550
314			DIV-32	Site Concrete	2'-0" x 1'-0" Concrete Footing	7.19	5%l	8(	Y	2.680	18.41	$1.1(	1,492.9(	658.0(	3,504.1	4,797		$ 758.14	$ 5,589
			DIV-32																
315			DIV-32	Site Concrete	Compacted Processed Aggregate (Conrdot Form 816 M.05.01)	11.93	5%l	13(	CY	0.675	8.61	$1.1(	685.5(	68.0(	821.1	1,287		$ 117.81	$ 1,475
					Bike Rack														
316	L201	16-L602	DIV-32	Exterior improvements	2" O.D Stainless Steel Pipe Handrail 2'-10" High Bicycle Rack W/ -Colored Silicone Sealant to Match Concrete -Post Spaced in Place into Drilled Hole	7		7(	EA	3.250	22.75	$8.3(	1,914.7(	1,850.0(	12,950.0	14,504		$ 2,612.58	$ 17,636
317	L201	16-L602	DIV-32	Exterior improvements	6'-0" High Stainless Steel Bicycle Rack 32" embedded W/ -Colored Silicone Sealant to Match Concrete -Post Spaced in Place into Drilled Hole	3		3(	EA	2.500	7.50	$8.3(	512.2(	1,250.0(	3,750.0	4,262		$ 1,666.81	$ 5,005
					Electric Vehicle Charging Station														
318	L201	16-L602	DIV-32	Exterior improvements	6'-0" High Pedestal Mount Charging Station -Pedestal Mount per Manufacturer Mounting Kit and Recommendations	1		1(	A	6.500	6.50	$8.3(	443.9(	6,750.0(	6,750.0	9,194		$ 10,029.96	$ 10,029
319	L201	16-L602	DIV-32	Exterior improvements		1		1(	A	2.250	2.25	$8.3(	153.7(	450.0(	450.0	604		$ 669.99	$ 670
320	L201	16-L602	DIV-32	Exterior improvements	2'-0" x 6"-0" x 6"-0" Concrete Footing	1.06	5%l	1(	C	3.000	3.27	$8.3(	223.1(	210.0(	228.7	452		$ 676.76	$ 677
321	L201	16-L602	DIV-32	Exterior improvements	6" Dia SCL Steel Tube Bollards 1/4" Th. Filled with concrete and Painted (6'-6" High)	2		2(	E	3.500	7.00	$8.3(	478.1(	1,250.0(	2,500.0	2,978		$ 1,743.58	$ 3,488
322	L201	16-L602	DIV-32	Exterior improvements	2'-0" x 2'-0" Concrete Footing	0.26	5%l	0(	Y	3.000	0.82	$8.3(	56.0(	210.0(	57.8	113		$ 676.76	$ 677
323	L201	16-L602	DIV-32	Exterior improvements	5/8" Thick Steel Rod weld to Pipe	2.00		2(	C	0.750	1.50	$8.3(	102.4(	28.0(	57.0	159		$ 79.50	$ 159
			DIV-32																
			DIV-32		**Post**														
324	L501	2D-L602	DIV-32	Site Signage	**Entry Sign Post** 36" Gauge Reflective Aluminum Traffic Sign Post W/ 4"x4" Galvanized Steel Breakway Post, Painted Black	55		55(	EA	1.250	68.75	$9.4(	5,474.1(	385.0(	21,175.0	26,649		$ 565.75	$ 31,110
325	L502	5D-L602	DIV-32	Site Signage	**Flag Pole** 50'-0" High Flag Pole W/ -Stainless Steel Aircraft Cable -1" Clevifer at Top Edge Tubbed finish	1		1(	EA	28.000	28.00	$9.4(	2,229.4(	14,850.0(	14,850.0	17,079		$ 20,026.33	$ 20,026
					Seal Pole														
326	L604	5D-L602	DIV-32	Site Signage	23'-0" x 20'-0" Fixed Ball Post Seal Post (30'-0" high) Crossbar and Gooseneck Offset Constructed of a 5/8" Diameter SCH 80 Aluminum Pipe. Color: Yellow	2		2(	EA	80.000	160.00	$9.4(	12,759.7(	46,875.0(	93,750.0	106,490		$ 62,669.07	$ 125,338
327	L601	L601	DIV-32	Site Signage	**Pool Pole** 15'-0" High Pool pole With Wing (Yellow)	2		2(	EA	18.000	36.00	$9.4(	2,866.4(	6,850.0(	13,700.0	16,566		$ 9,689.71	$ 19,379
328	L207		DIV-32	Site Signage	**Entry Sign** School Entry Sign	1		1(	EA	2.800	2.80	$9.4(	222.9(	320.0(	320.0	543		$ 626.87	$ 627
					Conc. Footing														
329			DIV-32	Site Concrete	18" Dia Concrete Sign Post Footing **(SH 01A)**	0.2(	5%l	0(	C	2.680	0.47(	$1.1(	34.1(	658.0(	84.4	121		$ 758.14	$ 142
330			DIV-32	Site Concrete	24" Dia Concrete Footing Bollard **(SH 01B)**	0.2(	5%l	0(	C	2.680	0.47(	$1.1(	34.1(	658.0(	84.4	121		$ 758.14	$ 142
331			DIV-32	Site Concrete	36" Dia Concrete Scoreboard Footing **(SH 04)**	1.5(	5%l	2(	C	2.680	3.96	$1.1(	320.6(	658.0(	709.6	1,030		$ 758.14	$ 1,140
332			DIV-32	Site Concrete	2'-0"x2'-0"x6'-0" Concrete Sing Pole Footing **(SH 06)**	0.8(	5%l	0(	C	2.680	1.50	$1.1(	121.9(	658.0(	272.5	395		$ 758.14	$ 455
333			DIV-32	Site Concrete	2'-0"x2'-0"x6'-0" Concrete Bollard Seal Post Footing **(SH 08)**	1.4(	5%l	1(	C	2.680	4.02	$1.1(	326.4(	658.0(	727.6	1,054		$ 758.14	$ 1,186
334			DIV-32	Site Concrete	2'-0"x2'-0"x6'-0" Concrete of 6" High Fence Footing **(SHD 02)**	14.4(	5%l	15(	C	2.680	38.72	$1.1(	8,758.9(	658.0(	9,714.1	18,473		$ 758.14	$ 16,426
			DIV-32																
			DIV-32		**Pavement**														
			DIV-32		**Asphalt pavement**														
335	L102	9-L608	DIV-32	Paving	3" Thick Bituminous Concrete Pavement (Pedestrian) (Class1)	10,63(	5%l	11,16(	SF	0.085	922.30	$8.3(	64,806.3(	4.5(	50,251.5	86,638		$ 4.70	$ 52,426
336	L102	9-L608	DIV-32	Paving	12" Thick Aggregate Base, CTDOT FORM 819	10,63(	5%l	11,16(	SF	0.094	1,050.60	$8.3(	68,613.7	7.5(	83,719.1	152,333		$ 8.00	$ 89,328
337	L102	9-L608	DIV-32	Paving	Compacted Subgrade	10,63(	5%l	11,16(	SF	0.050	558.15	$8.3(	38,118.2	-	$ -	38,118		$ 4.00	$ 42,576
			DIV-32																
338	L102	2-L608	DIV-32	Paving	Thermoplastic Paint	11,078	5%l	11,63(	SF	0.085	988.71	$8.3(	67,525.5	8.5(	98,871.2	166,397		$ 10.50	$ 122,139
339	L102	2-L608	DIV-32	Paving	2" Thick Bituminous Concrete Class 2 W/ -Surfaite-Course, CTDOT, FORM 819, Article M.08.01	276,196	5%l	290,00(	SF	0.025	7,250.00	$8.3(	495,193.9	1.2(	348,054.4	843,248		$ 3.32	$ 962,970
			DIV-32		-1 1/2" Thick Bituminous Concrete Class 1 W/ -Binder Course, CTDOT, FORM 819, Article M.04.01														
340	L102	2-L608	DIV-32	Paving	-12" Processed Aggregate Base, CTDOT Form 819, Article M.03.01	276,196	5%l	290,00(	SF	0.022	6,380.00	$8.3(	435,773.2	1.2(	292,903.7	728,677		$ 2.63	$ 762,420
341	L102	2-L608	DIV-32	Paving	-Prepare Subgrade	276,196	5%l	290,00(	SF	0.015	4,350.00	$8.3(	297,316.3	0.5(	145,035.9	442,352		$ 1.63	$ 473,176
			DIV-32																
			DIV-32		**Bituminous Concrete Paving (Trench Repair in Roadway)**														
342	L102	L501	DIV-32	Paving	Bituminous Concrete Paving (Trench Repair in Roadway) W/ -Tack Coat -Compacted Bituminous Concrete Binder Course	66(	5%l	69(	SF	0.085	5.895	$8.3(	402.3(	8.6(	609.8	1,012		$ 16.87	$ 1,149
					Concrete pavement														
343	L102	L501	DIV-32	Paving	6" Cast in Place Concrete W/ WWF(6x6W2.9xW2.9)	67,29(	5%l	70,66(	SF	0.032	2,261.11	$8.3(	154,426.0	4.2(	296,771.0	451,197		$ 7.80	$ 551,480
344	L102	L501	DIV-32	Paving	6" Processed Aggregate Base (CT DOT Form 818 M.05.01)	67,29(	5%l	70,66(	SF	0.045	3,179.95	$8.3(	217,161.6	5.2(	367,430.7	584,592		$ 9.37	$ 676,379
345	L102	L501	DIV-32	Paving	6" Base Course Aggregate (CT DOT Form 818 M.05.06)	67,29(	5%l	70,66(	SF	0.045	3,391.67	$8.3(	231,634.1	6.2(	438,065.5	669,700		$ 10.00	$ 721,320
347	L102	L501	DIV-32	Paving	Compacted Subgrade	67,29(	5%l	70,66(	SF	0.012	2,261.11	$8.3(	154,426.0	-	$ -	154,426		$ 2.66	$ 170,019
			DIV-32																
			DIV-32		**Curb Ramp**														
348	L102	L501	DIV-32	Paving	6" Cast in Place Concrete W/ WWF(6x6W2.9xW2.9) Accessible Curb Ramp	1,61(	5%l	1,50(	SF	0.038	57.14	$8.3(	3,902.2	5.2(	7,518.0	11,420		$ 8.40	$ 12,270
349	L102	L501	DIV-32	Paving	6" Processed Aggregate Base (CT DOT Form 818 M.05.01)	1,61(	5%l	1,50(	SF	0.045	67.44	$8.3(	4,605.1	5.2(	7,818.7	12,440		$ 9.57	$ 13,350
350	L102	L501	DIV-32	Paving	6" Base Course Aggregate (CT DOT Form 818 M.05.06)	1,61(	5%l	1,50(	SF	0.045	72.57	$8.3(	4,955.9	5.2(	8,422.8	13,293		$ 10.30	$ 14,351
351	L102	L501	DIV-32	Paving	Compacted Subgrade	1,61(	5%l	1,50(	SF	0.050	75.18	$8.3(	5,134.5	-	$ -	5,135		$ 3.40	$ 5,739
			DIV-32		**Concrete Pavement (Heavy Duty)**														
352	L102	L501	DIV-32	Paving	8" Reposed Aggregate Concrete W/ 8# Rebar @12" O.C Each Way	10,22(	5%l	10,74(	SF	0.075	805.38	$8.3(	55,002.4	10.2(	109,551.2	164,536		$ 17.70	$ 190,260
353	L102	L501	DIV-32	Paving	6" Processed Aggregate Base (CT DOT Form 818 M.05.01)	10,22(	5%l	10,74(	SF	0.070	751.68	$8.3(	51,337.6	3.4(	35,497.5	141,835		$ 15.70	$ 168,972
354	L102	L501	DIV-32	Paving	6" Compacted Stone Base (CT DOT Form 818 M.03.06 Grading A)	10,22(	5%l	10,74(	SF	0.050	537.12	$8.3(	36,669.3	11.0(	118,356.0	118,597		$ 13.00	$ 139,744
355	L102	L501	DIV-32	Paving	Compacted Subgrade	10,22(	5%l	10,74(	SF	0.050	536.90	$8.3(	36,669.6	-	$ -	36,670		$ 4.00	$ 40,944
			DIV-32																
			DIV-32		**Exposed Aggregate Concrete Pavement (Pedestrian)**														
356	L201, L202	L501	DIV-32	Paving	6" Cast in Place Concrete W/ WWF(6x6W2.9xW2.9)	12,60(	5%l	13,22(	SF	0.085	1,124.70	$8.3(	76,812.5	8.2(	103,724.0	180,080		$ 9.40	$ 198,088
357	L201, L202	L501	DIV-32	Paving	6" Cast in Place Concrete W/ WWF(6x6W2.9xW2.9)	12,60(	5%l	13,22(	SF	0.085	1,124.70	$8.3(	76,812.5	5.2(	65,300.0	142,087		$ 8.40	$ 156,297
358	L201, L202	L501	DIV-32	Paving	6" Processed Aggregate Base (CT DOT Form 818 M.05.01)	12,60(	5%l	13,22(	SF	0.070	941.76	$8.3(	64,318.4	3.4(	44,469.4	108,788		$ 7.70	$ 119,667
359	L201, L202	L501	DIV-32	Paving	6" Base Course Aggregate (CT DOT Form 818 M.05.06)	12,60(	5%l	13,22(	SF	0.050	660.88	$8.3(	45,144.0	6.2(	80,704.0	125,407		$ 9.50	$ 138,948
360	L201, L202	L501	DIV-32	Paving	Compacted Subgrade	12,60(	5%l	13,22(	SF	0.050	661.00	$8.3(	45,145.0	-	$ -	45,661		$ 4.00	$ 50,616
			DIV-32																
361	L102	3-L608	DIV-32	Paving	Replaceable Tactile Warning Paver Tile	1,26(	5%l	1,11(	SF	0.015	16.72	$8.3(	1,141.7	0.3(	354.6	1,496		$ 1.32	$ 1,686
362	L102	3-L608	DIV-32	Paving	1/4" Aluminum Setting Bed	1,26(	5%l	1,11(	SF	0.250	278.61	$8.3(	19,027.8	12.2(	13,596.2	32,624		$ 30.37	$ 37,397
			DIV-32																
363	L602	3-L601	DIV-32	Paving	4" Warning Track with infill Mix (Premium Red Infield Mix OR Equal)	15,727	5%l	16,51(	SF	0.015	247.70	$8.3(	16,917.4	0.3(	5,284.6	22,202		$ 1.32	$ 21,126
364	L602	3-L601	DIV-32	Paving	Non Woven Geo-Textile Fabric (MIRAFI 140N OR Approved Equal)	15,727	5%l	16,51(	SF	0.020	330.27	$8.3(	22,556.5	0.5(	7,651.1	29,988		$ 2.04	$ 33,987
365	L602	3-L601	DIV-32	Paving	4" Min 1/4" Clean Crushed Stone	15,727	5%l	16,51(	SF	0.022	363.30	$8.3(	24,812.1	2.2(	33,392.4	58,205		$ 4.07	$ 66,907
366	L602	3-L601	DIV-32	Paving	Compacted Subgrade Or Imported Fill Material	15,727	5%l	16,51(	SF	0.025	412.84	$8.3(	28,195.6	-	$ -	28,196		$ 3.91	$ 32,389
			DIV-32																
			DIV-32		**Infill Warning Track**														
367	L602	3-L601	DIV-32	Paving	4" Infield Mix (Hood Premium Red Infield Mix OR Equal)	16628.79	5%l	15,15(	SF	0.035	530.26	$8.3(	36,214.8	6.2(	93,931.4	130,146		$ 9.92	$ 152,302
368	L602	3-L601	DIV-32	Paving	Non Woven Geo-Textile Fabric(MIRAFI 140N Or Approved Equal)	16628.79	5%l	15,15(	SF	0.020	303.03	$8.3(	20,694.2	0.5(	6,817.6	27,512		$ 2.04	$ 31,190
369	L602	3-L601	DIV-32	Paving	4" Min 3/8" Clean Crushed Stone	16628.79	5%l	15,15(	SF	0.022	333.33	$8.3(	22,763.6	2.2(	30,652.0	53,416		$ 4.07	$ 61,378
370	L602	3-L601	DIV-32	Paving	Compacted Sub-Grade Or Imported Fill Material	16628.79	5%l	15,15(	SF	0.025	378.79	$8.3(	25,867.7	-	$ -	25,868		$ 3.91	$ 29,699
			DIV-32																
			DIV-32		**Parking Clay**														
371	L601	4-L601	DIV-32	Paving	4" Infield Mix (Hood Premium Red Infield Mix OR Equal)	728	5%l	764(	SF	0.035	26.75	$8.3(	1,827.2	6.2(	4,759.3	6,586		$ 9.92	$ 7,633
372	L601	4-L601	DIV-32	Paving	Non Woven Geo-Textile Fabic(MIRAFI 140N OR Approved Equal)	728	5%l	764(	SF	0.020	15.29	$8.3(	1,044.1	0.5(	344.0	1,388		$ 2.04	$ 1,571
373	L601	4-L601	DIV-32	Paving	4" Min 3/8" Clean Crushed Stone	728	5%l	764(	SF	0.022	16.82	$8.3(	1,148.9	2.2(	1,546.6	2,695		$ 4.07	$ 3,097
374	L601	4-L601	DIV-32	Paving	Compacted Sub-Grade Or Imported Fill Material	728	5%l	764(	SF	0.025	19.11	$8.3(	1,305.3	-	$ -	1,305		$ 3.91	$ 1,491
			DIV-32																
			DIV-32		**Dugout Pad**														
375	L601	2-L603	DIV-32	Paving	10'-0 x 22'-0" Concrete Game Shade Dugout Pad w/ 6x6 W2.9xW2.9 welded wire Fabric	1		1(	EA	45.000	45.00	$8.3(	3,073.6	9,850.0	9,850.0	12,923		$ 15,063.77	$ 15,064
376	L601	2-L603	DIV-32	Paving	Mixer to check in Manufactured By Sunshed Specialties OR Approved Equal	320	5%l	336(	SF	0.150	50.40	$8.3(	3,442.1	6.8(	2,284.8	5,727		$ 18.63	$ 6,541
377	L601	2-L603	DIV-32	Paving	6" Process Aggregate Base CTDOT M.05.01	320	5%l	336(	SF	0.100	33.60	$8.3(	2,294.8	-	$ -	2,295		$ 6.83	$ 2,296
			DIV-32																
			DIV-32		**Paint**														
378			DIV-32	Site Paint	Paint Straight Traffic Single Arrows	28		28(	EA	0.150	4.20	$9.4(	394.5	15.0(	350.0	744		$ 26.50	$ 820
379	L606		DIV-32	Site Paint	Paint Turn Traffic Single Arrows	2		2(	EA	0.200	0.40	$9.4(	37.5	15.0(	29.5	67		$ 35.00	$ 70
380	L606		DIV-32	Site Paint	6" Wide) Double Yellow Traffic Line	8,832	5%l	9,274(	LF	0.060	276.21	$9.4(	26,142.3	0.9(	7,882.5	32,025		$ 3.52	$ 32,597
381	L606		DIV-32	Site Paint	Double Yellow Trafic Line	67	5%l	70(	LF	0.060	1.97	$9.4(	186.5	0.9(	59.8	246		$ 3.52	$ 247
382	L606		DIV-32	Site Paint	6" Wide) "White "Stripe	680	5%l	714(	LF	0.060	21.42	$9.4(	2,026.1	0.9(	691.4	2,691		$ 3.52	$ 2,511
383	L606		DIV-32	Site Paint	4" Wide White Parking Space Line	7,641	5%l	8,023	LF	0.060	240.69	$9.4(	2,276.4	0.6(	4,814.4	7,091		$ 2.35	$ 7,024
384	L606		DIV-32	Site Paint	4" White Aisle Parking Space Striping	7,641	5%l	8,023	LF	0.060	240.69	$9.4(	2,276.4	1.4(	11,232.0	13,508		$ 2.35	$ 16,416
385	L606		DIV-32	Site Paint	60'-0" x 60'-0" Centre Logo (Covered W/School For Logo Image) [Free Color]	1		1(	EA	8.000	8.00	$9.4(	684.2	1,850.0	1,850.0	2,534		$ 2,916.66	$ 2,916
386	L606		DIV-32	Site Paint	Paint on Handicap Parking Symbol (Blue)	71		75	EA	0.250	1.79	$9.4(	153.9	18.0(	129.1	283		$ 4.17	$ 312
387	L606		DIV-32	Site Paint	Paint on 4" O x 4" O Speed Hump Raised Crossing Chevron	71		75	EA	0.300	2.10	$9.4(	182.2	22.8(	159.8	341		$ 5.42	$ 407
388	L606		DIV-32	Site Paint	Paint Traffic Stop Bar	2,016	5%l	2,116	LF	0.060	126.96	$9.4(	10,806.5	1.2(

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUP%	TOTAL ITEM COST WITH MARKUP%
					IRRIGATION														
618			DIV-32	Landscaper	Spray / Impact Irrigation Area	196.676	5%	206,510	SF	0.012	2,478.14	$ 62.8	$ 154,295.2	$ 1.01	$ 208,576.1	$ 362,871		$ 2.21	$ 418,142
					LANDSCAPING														
619			DIV-32	Landscaper	Sod	91,837	5%	96,439	S	0.004	385.76	$ 62.8	$ 24,014.0	$ 1.51	$ 145,425.4	$ 169,441		$ 2.04	$ 196,799
620			32		4" Top Soil	91,837	5%	96,439	S	0.042	4,050.85	$ 62.8	$ 252,189.9	$ 1.21	$ 115,727.2	$ 367,917		$ 4.44	$ 428,230
621			DIV-32	Landscaper	12" Washed Sand	91,837	5%	96,439	S	0.028	2,700.56	$ 62.8	$ 168,126.2	$ 9.2	$ 597,924.0	$ 766,050		$ 9.21	$ 889,818
			DIV-32						S										
			DIV-32						S										
			32						S										
					PLANT SCHEDULE OVERALL														
					FLOR GRAM														
622	AE101	AE101	DIV-32	Landscaper	Tag: AB, Botanical Name: Abies Balsamea, Common Name: Balsam Fir, Root: B&B, Size: 6'-8" HT X 2'-6" SP	1		1	EA	1.682	1.68	$ 62.8	$ 104.7	$ 850.0	$ 850.0	$ 955		$ 920.21	$ 920
623	AE101	AE101	32	Landscaper	Tag: AC, Botanical Name: Calocedrus Decurrens, Common Name: Sunset's Blue, Common Name: Sunset's Blue Incense Cedar, Root: B&B, Size: 6'-8" HT X 2'-6" SP	3		3	EA	1.962	5.89	$ 62.8	$ 366.4	$ 700.0	$ 2,100.0	$ 2,466		$ 2,653.01	$ 2,653
			DIV-32																
624	AE101	AE101	DIV-32	Landscaper	Tag: CS, Botanical Name: Chamaecyparis Thyoides, Common Name: Atlantic White Cypress, Root: B&B, Size: 6'-8" HT X 2'-6" SP	1		1	EA	1.682	1.68	$ 62.8	$ 104.7	$ 600.0	$ 600.0	$ 705		$ 825.46	$ 825
625	AE101	AE101	DIV-32	Landscaper	Tag: FH, Quantity: 20, Botanical Name: Ilex Opaca, Common Name: American Holly, Root: B&B, Size: 6'-8" HT X 2'-6" SP	2		2	EA	1.962	3.92	$ 62.8	$ 244.0	$ 450.0	$ 900.0	$ 1,146		$ 667.80	$ 1,336
626	AE101	AE101	DIV-32	Landscaper	Tag: MB, Botanical Name: Magnolia Grandiflora 'Edith Bogue', Common Name: Edith Bogue Southern Magnolia, Root: B&B, Size: 2.5-3" CAL	2		2	EA	2.803	5.61	$ 62.8	$ 349.0	$ 1,200.0	$ 2,400.0	$ 2,749		$ 1,011.96	$ 2,023
627	AE101	AE101	DIV-32	Landscaper	Tag: PD, Quantity: 29, Botanical Name: Pseudotsuga Menziesii, Common Name: Douglas Fir, Root: B&B, Size: 6'-8" HT X 2'-6" SP	29		29	EA	1.682	48.76	$ 62.8	$ 3,034.1	$ 350.0	$ 10,150.0	$ 13,186		$ 530.21	$ 15,376
628	AE101	AE101	DIV-32	Landscaper	Tag: PN, Botanical Name: Pinus Nigra 'Vanderwolf's Pyramid', Common Name: Vanderwolf's Pyramid Limber Pine, Root: B&B, Size: 6' HT X 2'-6" SP	8		8	EA	1.682	13.45	$ 62.8	$ 837.5	$ 400.0	$ 3,200.0	$ 4,038		$ 589.27	$ 4,714
629	AE101	AE101	DIV-32	Landscaper	Tag: TOC, Botanical Name: Thuja Occidentalis 'Degroot's Spire', Common Name: Degroot's Spire Arborvitae, Root: B&B, Size: 8'-10' HT	8		8	EA	1.962	5.89	$ 62.8	$ 366.4	$ 450.0	$ 3,550.0	$ 3,916		$ 667.80	$ 5,342
630	AE101	AE101	DIV-32	Landscaper	Tag: TS, Botanical Name: Thuja Occidentalis 'Smaragd', Common Name: Emerald Green Arborvitae, Root: B&B, Size: 6'-8' HT X 3'-6" SP	154		154	EA	1.682	258.95	$ 62.8	$ 16,122.8	$ 350.0	$ 53,900.0	$ 70,023		$ 530.21	$ 81,631
					FRUIT TREE														
631	AE101	AE101	DIV-32	Landscaper	Tag: MA, Botanical Name: Malus x Domestica 'Cameron Select', Common Name: Cameron Select Apple, Root: B&B, Size: 1.5-2" CAL, 6'-8' HT X 3'-6" SP	18		18	EA	1.962	35.31	$ 62.8	$ 2,198.6	$ 450.0	$ 8,100.0	$ 10,299		$ 667.80	$ 12,020
					ORNAMENTAL														
632	AE101	AE101	DIV-32	Landscaper	Tag: AD, Botanical Name: Amelanchier Arborea, Common Name: Downy Serviceberry, Root: B&B, Size: 6'-8' HT X 2'-6" SP	4		4	EA	1.682	10.09	$ 62.8	$ 628.2	$ 400.0	$ 1,600.0	$ 2,228		$ 589.27	$ 3,536
633	AE101	AE101	DIV-32	Landscaper	Tag: AE, Botanical Name: Aesculus x Carnea 'Fort McNair', Common Name: Fort McNair Red Horsechestnut, Root: B&B, Size: 1.5-2" CAL	8		8	EA	1.962	15.69	$ 62.8	$ 977.1	$ 650.0	$ 5,200.0	$ 6,177		$ 903.93	$ 7,231
634	AE101	AE101	DIV-32	Landscaper	Tag: AG, Botanical Name: Amelanchier x Grandiflora 'Autumn Brilliance', Common Name: Autumn Brilliance Apple Serviceberry, Root: B&B, Size: 6'-8' HT X 2'-6" SP, 10"-12" HT X 7'-8" SP	9		9	EA	1.682	15.13	$ 62.8	$ 942.2	$ 420.0	$ 3,780.0	$ 4,722		$ 612.89	$ 5,516
635	AE101	AE101	DIV-32	Landscaper	Tag: AL, Botanical Name: Amelanchier Laevis 'Lucine', Common Name: Lucine Allegheny Serviceberry, Root: B&B, Size: 6'-8' HT X 2'-6" SP	25		25	EA	1.682	42.04	$ 62.8	$ 2,617.5	$ 400.0	$ 10,000.0	$ 12,617		$ 589.27	$ 14,731
636	AE101	AE101	DIV-32	Landscaper	Tag: CFC, Botanical Name: Cercis Canadensis 'Forest Pansy', Common Name: Forest Pansy Eastern Redbud, Root: B&B, Size: 6'-8' HT	29		29	EA	1.962	56.89	$ 62.8	$ 3,542.1	$ 700.0	$ 20,300.0	$ 23,842		$ 963.02	$ 27,926
637	AE101	AE101	DIV-32	Landscaper	Tag: MG, Botanical Name: Magnolia x Loebner 'Merrill', Common Name: Merrill Loebner Magnolia, Root: B&B, Size: 1.5-2" CAL, 8'-10' HT X 4'-6" SP	6		6	EA	1.962	11.77	$ 62.8	$ 732.9	$ 800.0	$ 4,800.0	$ 5,533		$ 1,081.13	$ 6,487
638	AE101	AE101	DIV-32	Landscaper	Tag: MS, Botanical Name: Magnolia Virginiana, Common Name: Sweetbay Magnolia, Root: B&B, Size: 2.5-3" CAL	15		15	EA	2.522	37.83	$ 62.8	$ 2,355.6	$ 900.0	$ 13,500.0	$ 15,856		$ 1,238.19	$ 18,573
639	AE101	AE101	DIV-32	Landscaper	Tag: MX, Botanical Name: Magnolia x 'Jane', Common Name: Jane Magnolia, Root: B&B, Size: 3.5-4" CAL, 8'-10' HT X 4'-6" SP	2		2	EA	1.962	3.92	$ 62.8	$ 244.0	$ 750.0	$ 1,500.0	$ 1,744		$ 1,011.96	$ 2,024
640	AE101	AE101	DIV-32	Landscaper	Tag: NS, Botanical Name: Oxirya Virginiana, Common Name: American Hophornbeam, Root: B&B, Size: 1.5-2" CAL, 8'-10' HT X 4'-6" SP	5		5	EA	1.962	9.81	$ 62.8	$ 610.7	$ 500.0	$ 2,500.0	$ 3,111		$ 864.64	$ 4,323
641	AE101	AE101	DIV-32	Landscaper	Tag: PC, Botanical Name: Prunus Cerasifera, Common Name: Purple-Leaf Plum, Root: B&B, Size: 1.5-2" CAL, 8' 10' HT X 6' X 5' SP	11		11	EA	1.962	21.58	$ 62.8	$ 1,343.6	$ 650.0	$ 7,150.0	$ 8,494		$ 903.93	$ 9,944
					MAPLE TREE														
642	AE101	AE101	DIV-32	Landscaper	Tag: AO, Botanical Name: Acer Rubrum 'October Glory', Common Name: October Glory Red Maple, Root: B&B, Size: 2.5-3" CAL, 8'-10' HT X 4'-6" SP	24		24	EA	2.522	60.53	$ 62.8	$ 3,768.0	$ 950.0	$ 22,800.0	$ 26,569		$ 1,297.24	$ 31,136
643	AE101	AE101	DIV-32	Landscaper	Tag: AS, Botanical Name: Acer Saccharum 'Legacy', Common Name: Legacy Sugar Maple, Root: B&B, Size: 2.5-3" CAL, 10'-12' HT X 7'-8' SP	3		3	EA	2.803	8.41	$ 62.8	$ 523.5	$ 1,100.0	$ 3,300.0	$ 3,824		$ 1,493.87	$ 4,481
644	AE101	AE101	DIV-32	Landscaper	Tag: CV, Botanical Name: Cladrastis Kentukea, Common Name: American Yellowwood, Root: B&B, Size: 2.5-3" CAL, 8'-10' HT X 4'-6" SP	1		1	EA	2.522	2.52	$ 62.8	$ 157.0	$ 900.0	$ 900.0	$ 1,057		$ 1,238.19	$ 1,238
645	AE101	AE101	DIV-32	Landscaper	Tag: GS, Botanical Name: Gleditsia Triacanthos Inermis 'Shademaster', Common Name: Shademaster Honey Locust, Root: B&B, Size: 3-3.5" CAL, 10'-12' HT X 7'-8' SP	22		22	EA	3.363	73.99	$ 62.8	$ 4,604.5	$ 1,200.0	$ 26,400.0	$ 31,005		$ 1,650.51	$ 36,325
646	AE101	AE101	DIV-32	Landscaper	Tag: NS, Botanical Name: Nyssa Sylvatica, Common Name: Black Tupelo, Root: B&B, Size: 2.5-3" CAL, 8'-10' HT X 4'-6" SP	10		10	EA	2.522	25.22	$ 62.8	$ 1,570.4	$ 900.0	$ 9,000.0	$ 10,570		$ 1,238.19	$ 12,381
647	AE101	AE101	DIV-32	Landscaper	Tag: PO, Botanical Name: Platanus Occidentalis, Common Name: American Sycamore, Root: B&B, Size: 2.5-3" CAL, 10'-12' HT X 6'-8" SP	1		1	EA	2.803	2.80	$ 62.8	$ 174.5	$ 1,000.0	$ 1,000.0	$ 1,175		$ 1,375.77	$ 1,376
648	AE101	AE101	DIV-32	Landscaper	Tag: QR, Botanical Name: Quercus Alba, Common Name: White Oak, Root: B&B, Size: 2.5-3" CAL, 10'-12' HT X 7'-8" SP	1		1	EA	2.803	2.80	$ 62.8	$ 174.5	$ 1,200.0	$ 1,200.0	$ 1,375		$ 1,611.86	$ 1,612
649	AE101	AE101	32	Landscaper	Tag: TC, Botanical Name: Tilia Cordata, Common Name: Littleleaf Linden, Root: B&B, Size: 2.5-3" CAL	2		2	A	2.522	5.04	$ 62.8	$ 314.1	$ 900.0	$ 1,800.0	$ 2,114		$ 1,238.19	$ 2,476
650	AE101	AE101	DIV-32	Landscaper	Tag: TN, Botanical Name: Tilia Americana 'Redmond', Common Name: Redmond American Linden, Root: B&B, Size: 2.5-3" CAL, 10'-12' HT X 5'-6' SP	2		2	EA	2.803	5.61	$ 62.8	$ 349.0	$ 950.0	$ 1,900.0	$ 2,249		$ 1,375.77	$ 2,752
			DIV-32						A										
			32						A										
					DECIDUOUS SHRUBS														
651	AE101	AE101	DIV-32	Landscaper	Tag: AR, Botanical Name: Aronia Melanocarpa, Common Name: Autumnalt Buckeye, Root: #3 CONT., Size: 12-15" HT X 15-18" SP	6		6	EA	0.457	2.74	$ 62.8	$ 170.5	$ 55.0	$ 330.0	$ 501		$ 56.45	$ 581
652	AE101	AE101	DIV-32	Landscaper	Tag: CF, Botanical Name: Cornus Sericea 'Farrow', Common Name: Arctic Fire® Red Twig Dogwood, Root: #3 CONT., Size: 12-15" HT X 15-18" SP	33		33	A	0.498	16.43	$ 62.8	$ 961.2	$ 60.0	$ 1,980.0	$ 2,941		$ 125.46	$ 1,775
653	AE101	AE101	32	Landscaper	Tag: HP, Botanical Name: Hydrangea Petiolaris, Common Name: Climbing Hydrangea, Root: #3 CONT.	82		82	A	0.580	47.56	$ 62.8	$ 2,756.4	$ 65.0	$ 5,330.0	$ 8,086		$ 146.29	$ 11,996
654	AE101	AE101	DIV-32	Landscaper	Tag: HO, Botanical Name: Ilex Verticillata 'Jim Dandy', Common Name: Jim Dandy Winterberry, Root: #3 CONT.	7		7	A	0.615	4.30	$ 62.8	$ 270.0	$ 130.0	$ 910.0	$ 1,180		$ 77.50	$ 542
			32						A										
655	AE101	AE101	DIV-32	Landscaper	Tag: TWZ, Botanical Name: New Virginia Tattle Henry', Common Name: Little Henry Virginia Sweetspire, Root: #3 CONT., Size: 12-15" HT X 18-24" SP	52		52	B	0.457	23.76	$ 62.8	$ 1,478.0	$ 55.0	$ 2,860.0	$ 4,338		$ 56.45	$ 2,935
656	AE101	AE101	32	Landscaper	Tag: NPY, Botanical Name: Myrica Pensylvanica, Common Name: Northern Bayberry, Root: #3 CONT.	12		12	A	0.498	5.98	$ 62.8	$ 372.1	$ 60.0	$ 720.0	$ 1,092		$ 125.46	$ 1,506
657	AE101	AE101	DIV-32	Landscaper	Tag: RAG, Botanical Name: Rhus Aromatica 'Gro-Low', Common Name: Gro-Low Fragrant Sumac, Root: #3 CONT., Size: 12-15" HT X 15-18" SP	37		37	B	0.374	13.82	$ 62.8	$ 860.4	$ 65.0	$ 2,405.0	$ 3,265		$ 94.22	$ 3,487
			32						A										
			DIV-32						A										
			32						A										
					DECIDUOUS SHRUBS														
658	AE101	AE101	DIV-32	Landscaper	Tag: IGS, Botanical Name: Ilex Glabra 'Shamrock', Common Name: Inkberry, Root: #3 CONT., Size: 10-24" HT X 15-18" SP	30		30	EA	0.568	16.76	$ 62.8	$ 1,052.7	$ 67.0	$ 2,017.8	$ 3,071		$ 118.24	$ 3,547
659	AE101	AE101	DIV-32	Landscaper	Tag: IC, Botanical Name: Ilex Glabra 'Compacta', Common Name: Compact Inkberry, Root: #3 CONT., Size: 12-15" HT X 15-18" SP	20		20	EA	0.512	10.23	$ 62.8	$ 637.2	$ 61.7	$ 1,233.1	$ 1,870		$ 106.93	$ 2,138
660	AE101	AE101	DIV-32	Landscaper	Tag: IGI, Botanical Name: Ilex Glabra 'Gem Box', Common Name: Gem Box Inkberry Holly, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	198		198	EA	0.605	119.75	$ 62.8	$ 7,459.6	$ 72.9	$ 14,427.3	$ 21,886		$ 126.03	$ 25,941
661	AE101	AE101	DIV-32	Landscaper	Tag: IN, Botanical Name: Ilex x Meserveae 'Mondo', Common Name: Little Rascal® Holly, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	17		17	EA	0.558	9.49	$ 62.8	$ 590.9	$ 67.3	$ 1,143.4	$ 1,734		$ 118.24	$ 2,010
662	AE101	AE101	DIV-32	Landscaper	Tag: JB, Botanical Name: Juniperus Squamata 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT.	250		250	EA	0.639	159.77	$ 62.8	$ 9,847.5	$ 76.8	$ 19,212.5	$ 29,060		$ 135.63	$ 33,911
663	AE101	AE101	DIV-32	Landscaper	Tag: JW, Botanical Name: Juniperus Conferta 'Blue Pacific', Common Name: Blue Pacific Shore Juniper, Root: #3 CONT.	8		8	EA	0.465	3.72	$ 62.8	$ 233.6	$ 66.0	$ 528.0	$ 762		$ 98.53	$ 788
664	AE101	AE101	DIV-32	Landscaper	Tag: JC, Botanical Name: Juniperus Chinensis 'Sea Green', Common Name: Sea Green Juniper, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	120		120	EA	0.512	61.44	$ 62.8	$ 3,918.0	$ 61.7	$ 7,403.4	$ 11,321		$ 108.93	$ 13,071
665	AE101	AE101	DIV-32	Landscaper	Tag: JG, Botanical Name: Juniperus Rigida Conferta 'All Gold', Common Name: All Gold Shore Juniper, Root: #3 CONT.	33		33	EA	0.487	16.74	$ 62.8	$ 917.6	$ 53.8	$ 1,775.7	$ 2,693		$ 94.59	$ 3,121
666	AE101	AE101	DIV-32	Landscaper	Tag: JS, Botanical Name: Juniperus Chinensis 'Sargent', Common Name: Sargent Juniper, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	36		36	EA	0.484	17.42	$ 62.8	$ 1,094.5	$ 58.3	$ 2,098.5	$ 3,193		$ 102.47	$ 3,689
667	AE101	AE101	DIV-32	Landscaper	Tag: JSK, Botanical Name: Juniperus Chinensis 'Spartan', Common Name: Spartan Juniper, Root: #3 CONT., Size: 15-18" HT X 18-24" SP	26		26	EA	0.465	12.10	$ 62.8	$ 759.5	$ 56.1	$ 1,457.3	$ 2,217		$ 98.53	$ 2,561
668	AE101	AE101	DIV-32	Landscaper	Tag: JT, Botanical Name: Juniperus Chinensis 'Blue Star', Common Name: Bluestar Juniper, Root: #3 CONT., Size: 15-18" HT X 18-24" SP	69		69	EA	0.484	33.38	$ 62.8	$ 2,078.5	$ 58.3	$ 4,022.1	$ 6,101		$ 102.47	$ 7,071
669	AE101	AE101	DIV-32	Landscaper	Tag: KK, Botanical Name: Kalmia Latifolia 'Elf', Common Name: Elf Dwarf Mountain Laurel, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	35		35	EA	0.651	22.80	$ 62.8	$ 1,419.3	$ 78.5	$ 2,746.5	$ 4,166		$ 137.92	$ 4,826
670	AE101	AE101	DIV-32	Landscaper	Tag: LW, Botanical Name: Rhododendron x Laetevirens 'Wilson', Common Name: Wilson Rhododendron, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	7		7	EA	0.837	5.86	$ 62.8	$ 365.0	$ 101.0	$ 706.2	$ 1,071		$ 177.46	$ 1,242
671	AE101	AE101	DIV-32	Landscaper	Tag: RM, Botanical Name: Rhododendron Maximum, Common Name: Rosebay Rhododendron, Root: #3 CONT., Size: 18-24" HT X 15-18" SP	21		21	EA	1.117	23.45	$ 62.8	$ 1,459.9	$ 163.5	$ 2,824.5	$ 4,285		$ 236.48	$ 4,965
672	AE101	AE101	DIV-32	Landscaper	Tag: RP3, Botanical Name: Rhododendron Catawbiense 'Purpureum Elegans', Common Name: Purple Catawba Rhododendron, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	18		18	EA	0.884	15.91	$ 62.8	$ 990.6	$ 106.5	$ 1,916.9	$ 2,908		$ 187.21	$ 3,370
673	AE101	AE101	DIV-32	Landscaper	Tag: RP5, Botanical Name: Rhododendron x 'Purple Gem', Common Name: Purple Gem Rhododendron, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	21		21	EA	0.884	18.56	$ 62.8	$ 1,155.7	$ 106.5	$ 2,236.4	$ 3,392		$ 187.21	$ 3,931
674	AE101	AE101	DIV-32	Landscaper	Tag: TOS, Botanical Name: Taxus x Media 'Densiformis', Common Name: Dense Anglo-Japanese Yew, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	41		41	EA	0.744	30.51	$ 62.8	$ 1,903.1	$ 89.75	$ 3,679.7	$ 5,577		$ 157.61	$ 6,461
675	AE101	AE101	DIV-32	Landscaper	Tag: TH, Botanical Name: Taxus x Media 'Hicksii', Common Name: Hicks Anglo-Japanese Yew, Root: #3 CONT., Size: 15-18" HT X 12-15" SP	35		35	EA	0.791	27.68	$ 62.8	$ 1,723.6	$ 95.3	$ 3,335.0	$ 5,058		$ 167.50	$ 5,863
676	AE101	AE101	DIV-32	Landscaper	Tag: TMR, Botanical Name: Taxus Baccata 'Repandens', Common Name: Spreading English Yew, Root: #3 CONT., Size: 18-24" HT X 15-18" SP	90		90	EA	0.837	75.36	$ 62.8	$ 4,692.4	$ 101.0	$ 9,090.1	$ 13,772		$ 177.46	$ 15,961
					GROUND COVER														
677	AE101	AE101	DIV-32	Landscaper	Tag: PAM, Botanical Name: Arctostaphylos uva-ursi 'Massachusetts', Common Name: Massachusetts Kinnikinick,	1,810		1,810	S	0.400	722.22	$ 62.8	$ 45,650.5	$ 12.0	$ 21,996.0	$ 67,646		$ 61.98	$ 76,945
678	AE101	AE101	32	Landscaper	Tag: EDM, Botanical Name: Entry Drive Mix,	636		636	S	0.150	95.40	$ 62.8	$ 5,884.8	$ 20.0	$ 12,720.0	$ 18,605		$ 23.23	$ 14,775
679	AE101	AE101	DIV-32	Landscaper	Tag: PM', Botanical Name: Fern Mix',	626		626	S	0.150	93.90	$ 62.8	$ 5,884.8	$ 18.0	$ 11,268.0	$ 17,153		$ 23.23	$ 14,544
680	AE101	AE101	32	Landscaper	Tag: HHW, Botanical Name: Hemerocallis x 'Happy Returns', Common Name: Happy Returns Daylily, Root: #1 CONT., Size: Not specified	127		127	S	0.250	31.75	$ 62.8	$ 1,994.8	$ 19.0	$ 2,286.0	$ 4,281		$ 38.69	$ 4,912
681	AE101	AE101	DIV-32	Landscaper	Tag: MG, Botanical Name: Miscanthus Sinensis 'Big Blue', Common Name: Big Blue Unique, Root: #1 CONT.	904		904	S	0.250	226.00	$ 62.8	$ 14,071.2	$ 20.0	$ 18,080.0	$ 32,151		$ 43.05	$ 37,065
682	AE101	AE101	32	Landscaper	Tag: NB, Botanical Name: Nepeta racemosa 'Blue Wonder', Common Name: Blue Wonder Catmint, Root: #1 CONT.	839		839	S	0.250	209.75	$ 62.8	$ 13,059.5	$ 18.0	$ 15,102.0	$ 28,161		$ 38.69	$ 32,456
			DIV-32						S										
683	AE101	AE101	DIV-32	Landscaper	Tag: PP, Botanical Name: Pachysandra procumbens 'Forest Green Pollinator Mix', Common Name: Forest Green Pachysandra, Root: #1 CONT.	50		50	B	0.250	12.50	$ 62.8	$ 778.1	$ 15.0	$ 750.0	$ 1,528		$ 35.95	$ 1,791
684	AE101	AE101	DIV-32	Landscaper	Tag: PM, Botanical Name: Pollinator Mix', , Root: #1 CONT.	1,646		1,646	B	0.200	329.20	$ 62.8	$ 20,486.7	$ 25.0	$ 41,150.0	$ 61,637		$ 44.81	$ 73,691
			DIV-32						B										
			DIV-32						A										
			32						A										
					PLANT SCHEDULE BARN NW														
					EVERGREEN														
685	AE101	AE101	DIV-32	Landscaper	Tag: TB, Botanical Name: Thuja occidentalis 'Nigra', Common Name: Black Arborvitae, Root: B&B, Size: 6'-8' HT, 3-4' SP	10		10	EA	2.320	23.20	$ 62.8	$ 1,464.5	$ 350.0	$ 3,500.0	$ 4,964		$ 574.61	$ 5,746
686	AE101	AE101	DIV-32	Landscaper	Tag: TS, Botanical Name: Thuja occidentalis 'Smaragd', Common Name: Emerald Green Arborvitae, Root: B&B, Size: 6'-8' HT, 3'-4' SP	21		21	EA	2.320	48.72	$ 62.8	$ 3,074.6	$ 350.0	$ 7,350.0	$ 10,425		$ 574.61	$ 12,067
					ORNAMENTAL														
687	AE101	AE101	DIV-32	Landscaper	Tag: AG, Botanical Name: Amelanchier x grandiflora 'Autumn Brilliance', Common Name: Autumn Brilliance Apple Serviceberry, Root: B&B, Size: 10-12' HT, 7-8' SP	4		4	EA	3.254	13.02	$ 62.8	$ 818.4	$ 600.0	$ 2,400.0	$ 3,218		$ 914.74	$ 3,795
					MAPLE TREE														
688	AE101	AE101	DIV-32	Landscaper	Tag: TR, Botanical Name: Tilia americana 'Redmond', Common Name: Redmond American Linden, Root: B&B, Size: 10-12' HT, 5-6' SP	3		3	EA	3.865	11.60	$ 62.8	$ 727.9	$ 950.0	$ 2,850.0	$ 3,572		$ 1,390.58	$ 4,172
					EVERGREEN SHRUBS														
689	AE101	AE101	DIV-32	Landscaper	Tag: JB, Botanical Name: Juniperus squamata 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	69		69	EA	0.457	31.50	$ 62.8	$ 1,963.2	$ 55.0	$ 3,795.0	$ 5,758		$ 56.45	$ 6,671
690	AE101	AE101	DIV-32	Landscaper	Tag: JW, Botanical Name: Juniperus Conferta 'Blue Pacific', Common Name: Blue Pacific Shore Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	25		25	EA	0.498	12.45	$ 62.8	$ 775.2	$ 60.0	$ 1,500.0	$ 2,275		$ 105.46	$ 2,637
691	AE101	AE101	DIV-32	Landscaper	Tag: JC, Botanical Name: Juniperus Chinensis 'Sea Green', Common Name: Sea Green Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	57		57	EA	0.457	26.02	$ 62.8	$ 1,620.1	$ 55.0	$ 3,135.0	$ 4,755		$ 56.45	$ 5,511
692	AE101	AE101	DIV-32	Landscaper	Tag: JG, Botanical Name: Juniperus rigida conferta 'All Gold', Common Name: All Gold Shore Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	16		16	EA	0.398	6.37	$ 62.8	$ 396.9	$ 48.0	$ 768.0	$ 1,165		$ 84.38	$ 1,350
693	AE101	AE101	DIV-32	Landscaper	Tag: JS, Botanical Name: Juniperus chinensis 'Sargent', Common Name: Sargent Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	23		23	EA	0.457	10.50	$ 62.8	$ 653.7	$ 55.0	$ 1,265.0	$ 1,919		$ 56.45	$ 2,226
694	AE101	AE101	DIV-32	Landscaper	Tag: JT, Botanical Name: Juniperus chinensis 'Blue Star', Common Name: Blue Star Juniper, Root: #3 CONT., Size: 15-18" HT, 12-15" SP	66		66	EA	0.457	30.13	$ 62.8	$ 1,875.9	$ 55.0	$ 3,630.0	$ 5,506		$ 56.45	$ 6,391
					GROUND COVER														
695	AE101	AE101	DIV-32	Landscaper	Tag: HHW, Botanical Name: Hemerocallis x 'Happy Returns', Common Name: Happy Returns Daylily, Root: #1 CONT., Size: Not specified	243		243	EA	0.250	60.75	$ 62.8	$ 3,782.4	$ 18.0	$ 4,374.0	$ 8,156		$ 38.69	$ 9,395
					PLANT SCHEDULE BARN NW/ATOMIUM ADD ALT														
					EVERGREEN														
696	AE101	AE101	DIV-32	Landscaper	Tag: TB, Botanical Name: Thuja occidentalis 'Nigra', Common Name: Black Arborvitae, Root: B&B, Size: 6'-8' HT, 3-4' SP	2		2	EA	2.320	4.64	$ 62.8	$ 291.4	$ 350.0	$ 700.0	$ 991		$ 574.61	$ 1,149
697	AE101	AE101	DIV-32	Landscaper	Tag: TS, Botanical Name: Thuja occidentalis 'Smaragd', Common Name: Emerald Green Arborvitae, Root: B&B, Size: 6'-8' HT, 3'-4' SP	10		10	EA	2.320	23.20	$ 62.8	$ 1,464.5	$ 350.0	$ 3,500.0	$ 4,964		$ 574.61	$ 5,746
					ORNAMENTAL														
698	AE101	AE101	DIV-32	Landscaper	Tag: AG, Botanical Name: Amelanchier x grandiflora 'Autumn Brilliance', Common Name: Autumn Brilliance Apple Serviceberry, Root: B&B, Size: 10-12' H

ITEM #	REF. SHEET	DETAIL	CSI MCT NO.	Sub-Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNITMATERIALCOST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUP%	TOTAL ITEM COST WITH MARKUP%
502	C101 - C103		DIV-33	Utilities	Fire Department Connection	3		3	EA	3.625	10.875	82.62	898.25	800.00	2,400.00	3,298		4,124.75	12,374
503	C101 - C103		DIV-33	Utilities	10" Fire Protection Service Connection To Building	1		1	EA	6.869	6.875	82.62	610.73	1,800.00	1,800.00	2,411		3,014.38	3,014
552	C101 - C103		DIV-33	Utilities	12" x 12" x 10" Tee Connection To Existing 12" Dip Water Main	2		2	EA	12.513	25.025	82.62	2,068.25	3,500.00	7,000.00	9,068		11,335.31	22,671
553	C101 - C103		DIV-33	Utilities	10" x 10" x 10" Tee	1		1	EA	5.256	5.256	82.62	434.29	2,500.00	2,500.00	2,934		3,667.80	3,668
554	C101 - C103		DIV-33	Utilities	10" x 10" x 10" Tee	1		1	EA	5.123	5.123	82.62	423.19	2,200.00	2,200.00	2,623		3,278.90	3,279
555	C101 - C103		DIV-33	Utilities	10" x 10" x 6" Tee	6		6	EA	3.000	18.000	82.62	1,486.72	2,200.00	12,600.00	14,087		17,608.75	105,652
556	C101 - C103		DIV-33	Utilities	90 Degree Bend	3		3	EA	1.500	4.500	82.62	371.83	550.00	1,650.00	2,022		2,527.50	7,583
557	C101 - C103		DIV-33	Utilities	45 Degree Bend	3		3	EA	1.000	3.000	82.62	247.86	350.00	1,050.00	1,298		1,622.50	4,868
558	C101 - C103		DIV-33	Utilities	11.25 Degree Bend	12		12	EA	1.000	12.000	82.62	1,071.72	120.00	1,440.00	2,512		3,139.50	37,674
559	C101 - C103		DIV-33	Utilities	1-1/2" Tap & Connection	2		2	EA	1.250	2.500	82.62	212.63	80.00	160.00	373		466.25	932
														120.00					
					Fixtures														
560	C101 - C103	SD-2/C532	DIV-33	Utilities	10" Gate Valve W/ (2) Mechanical Joint Restraints Tracer Wire Valve Box And Cover	3		3	EA	6.726	20.178	82.62	1,661.91	3,500.00	10,500.00	12,162		4,751.82	14,255
561	C101 - C103	SD-2/C532	DIV-33	Utilities	8" Gate Valve W/ (2) Mechanical Joint Restraints Tracer Wire Valve Box And Cover	1		1	EA	5.601	5.61	82.62	463.62	2,500.00	2,500.00	2,963		3,657.78	3,658
562	C101 - C103	SD-2/C532	DIV-33	Utilities	6" Gate Valve W/ (2) Mechanical Joint Restraints Tracer Wire Valve Box And Cover	8		8	EA	4.484	35.87	82.62	2,954.61	1,500.00	12,000.00	14,954		2,168.74	17,470
563	C101 - C103		DIV-33	Utilities	Curb Box And Cover	1		1	EA	3.210	3.21	82.62	264.62	350.00	350.00	614		758.11	758
564	C101 - C103	Ch32	DIV-33	Utilities	**Water Meter Vault** Water Meter W/ Companion Flanges (2) Gate Valve (1) Check (1) Check Valve (2) Ball Valve Or O.S. & Y. Gate Valve (1) 2" x 2" x 2" Brass Type I Dezur AWC Approved Ductile Iron Fire Hydrant W/ (1) Restrained Mechanical Joints (1) 6" Mc Gate Valve With Resilient Seat -(1) Tracer Wire Box (2) Wooden Blocks (2) Thrust Blocks -(1) 4'-0" x 4'-0" x 8" Concrete Pad	1		1	EA	44.840	44.84	82.62	3,693.01	18,000.00	18,000.00	21,693		25,880.40	25,880
565	C101 - C103	SD-8/C535	DIV-33	Utilities		7		7	EA	13.452	94.16	82.62	7,755.91	7,500.00	52,500.00	60,256		10,094.12	70,659
					Sanitary														
					Piping														
566	C101 - C104		DIV-33	Utilities	8" PVC Sanitary Sewer Line	1,253	5%	1,315	L	0.236	309.97	82.62	25,529.01	33.11	43,474.33	69,003		80.79	79,890
567	C101 - C104		33	Utilities	6" PVC Sanitary Sewer Line	420	5%	441	F	0.201	101.98	82.62	8,399.12	18.81	8,311.61	16,710		19.77	19,079
568	C101 - C104		DIV-	Utilities	4" PVC Sanitary Sewer Line	99		104	F	0.177	18.49	82.62	1,523.87	10.11	1,053.67	2,589		11.85	1,229
569	C101 - C104		33	Utilities	4" PVC Vent Pipe	40	5%	42	F	0.177	7.42	82.62	611.21	10.11	423.51	1,035		11.85	498
			33						F										
			DIV-		**Connections**				F										
570	C101 - C104		33	Utilities	8" Sanitary Lateral Connection To Building	1,253		1,253	L	2.075	2,599.58	82.62	213,771.61	250.00	312,720.00	526,492		616.02	617,980
571	C101 - C104		DIV-	Utilities	6" Sanitary Lateral Connection To Building	420		420	A	0.664	279.18	82.62	22,961.21	80.00	33,600.00	56,629		93.60	39,340
572	C101 - C104		DIV-	Utilities	8" x 8" x 8" Wye	99		99	A	1.504	148.97	82.62	12,252.19	230.00	22,805.20	35,057		269.05	26,655
573	C101 - C104		DIV-	Utilities	6" x 6" x 6" Wye	40		40	A	1.256	49.84	82.62	4,097.61	210.00	8,400.00	12,498		245.85	9,834
574	C101 - C104		DIV-	Utilities	4" x 4" x 4" Wye	2		2	A	2.484	4.97	82.62	408.81	160.00	320.00	729		187.20	374
			33						A										
			DIV-						A										
			33		**Fixtures**				A										
575	C101 - C104		DIV-	Utilities	Test Pit (To Determine The Exact Location & Elevation Of Existing Sanitary Sewer)	3		3	EA	4.000	12.00	82.62	991.44	250.00	750.00	1,738		664.00	1,992
			33		48" Dia Sanitary Manhole W/				A										
576	C101 - C104	1/C541	DIV-	Utilities	(9) Polypropylene Steps (Having Copolymer Polypropylene Plastic 1/2" Grade 60 Steel Reinforcement)	8		8	EA	65.000	520.00	82.62	42,927.25	4,200.00	33,600.00	76,527		10,917.57	87,341
			33		-Manhole Cover: Campbell Foundry Company, Pattern 1227				A										
577	C101 - C104		DIV-	Utilities	Sanitary Manhole (Detail Not Given)	2		2	EA	60.000	120.00	82.62	9,914.21	3,500.00	7,000.00	16,840		9,604.41	19,209
					OWS-OS, 1,000 Gallon Oil/Water Separator W/ (1) 21' 2" x 11' 2" x 10' 0" Precast Concrete Grease Interceptor -(2) Galvanized Riser Support -(1) 6" PVC Double Tee Manifold -(1) Bolts -(1) 6" Inlet PVC Piping (Provided Loose) -(2) Resilient Rubber Boot -(3) 24" Cast Iron Ring & Cover -(1) 4" Vent Sleeve -(2) 8" Dia Hole -(2) 7' 6" x 1' 0" Opening -(1) Joint Sealed W/ Plastic Flexible Gasket (Ramnek) -Interior Epoxy Coating -MPG: Parkite-CDM BBB-411-PMW Model: ST-OS Date Manufactured) -Tapered Wall -Concrete Extension Rings As Required -Alarm Panel: Audible & Visuals Alarm (NEMA-4X) -(1) Grease Sensor (NEMA-7) OWS-OS, 9' 4" x 9' 4", 1500 Gallon Oil/Water Separator W/ -(2) Manholes -(1) 3" PVC Vent Pipe -(2) PVC Tee Section -Non-Shrinking Grout Coated With Waterproof Sealant -Epoxy Coating Corrosion Protection Coating -4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad -4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad -Drop Outside Manhole -4" PVC Vent																	
578	C101 - C104	4/C542	DIV-33	Utilities		1		1	EA	200.000	200.00	82.62	16,472.00	85,633.00	85,633.00	102,092		119,504.14	119,504
579	C101 - C104	5/C542	DIV-33	Utilities	-(2) Manholes -(1) 3" PVC Vent Pipe -(2) PVC Tee Section -Non-Shrinking Grout Coated With Waterproof Sealant -Epoxy Coating Corrosion Protection Coating -4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad -4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad -Drop Outside Manhole -4" PVC Vent	2		2	EA	40.000	80.00	82.62	6,588.80	8,000.00	16,000.00	22,589		13,125.83	26,252
580	C101 - C104	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad -4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad	4		4	EA	6.000	24.00	82.62	1,976.64	450.00	1,800.00	3,777		1,083.58	4,334
581	C101 - C104	2/C542	DIV-33	Utilities	-4" Sanitary Sewer Cleanout W/ -(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad	3		3	EA	5.000	15.00	82.62	1,235.40	350.00	1,050.00	2,285		873.11	2,619
582	C101 - C104	2/C542	DIV-33	Utilities	-(1) Cast Iron Cover, Watts CO-240 Or Approved Equal -(1) Neoprene Cover Gasket -(1) 18" x 18" x 5" PCCO1840 Concrete Pad	1		1	EA	4.000	4.00	82.62	329.62	800.00	800.00	1,130		722.11	722
583	C101 - C104		DIV-	Utilities		1		1	F	18.000	18.00	82.62	1,482.51	900.00	900.00	2,382		2,718.00	2,718
584	C101 - C104		33	Utilities	4" PVC Vent	3		3	F	0.500	1.50	82.62	123.93	90.00	90.00	214		241.50	724
			DIV-						A										
			33		**Stormwater Management**				A										
					Piping														
585	C200 - C204		DIV-	Utilities	60" Reinforced Concrete Pipe	817	5%	858	L	0.550	471.87	82.62	38,863.21	185.00	158,719.71	197,583		219.00	178,893
586	C200 - C204		33	Utilities	24" PVC Storm Sewer Line	1,053	5%	1,106	F	0.461	508.30	82.62	41,948.51	95.41	105,569.23	147,490		110.00	121,660
587	C200 - C204		DIV-	Utilities	18" PVC Storm Sewer Line	1,016	5%	1,067	F	0.346	368.92	82.62	30,444.81	60.41	64,453.47	94,898		69.50	74,146
588	C200 - C204		33	Utilities	15" PVC Storm Sewer Line	1,696	5%	1,781	F	0.288	512.42	82.62	42,281.81	46.64	83,067.95	125,350		53.66	95,501
589	C200 - C204		DIV-	Utilities	12" PVC Storm Sewer Line	2,847	5%	2,990	F	0.275	822.39	82.62	67,755.91	40.61	121,464.51	189,160		46.70	139,626
590	C200 - C204		33	Utilities	10" PVC Storm Sewer Line	136	5%	143	F	0.253	36.29	82.62	2,987.87	33.71	4,511.41	8,499		42.46	6,071
591	C200 - C204		DIV-	Utilities	8" PVC Storm Sewer Line	936	5%	983	F	0.236	231.52	82.62	19,074.41	33.11	32,564.01	52,162		40.79	40,101
592	C200 - C204		33	Utilities	6" PVC Storm Sewer Line	308	5%	323	F	0.201	75.72	82.62	6,236.53	18.81	6,073.87	12,310		23.67	7,639
593	C200 - C204		DIV-	Utilities	4" PVC Storm Sewer Line	41	5%	43	F	0.177	7.60	82.62	625.61	10.11	434.17	1,060		12.72	547
594	C200 - C204		33	Utilities	8" Perforated PVC Underdrain Header	1,179	5%	1,238	F	0.236	291.57	82.62	24,031.11	33.11	41,012.58	65,044		40.79	50,491
595	C200 - C204		DIV-	Utilities	6" Perforated PVC Underdrain System Line	1,179	5%	1,238	F	0.201	232.47	82.62	19,146.61	18.81	23,292.78	42,439		23.67	29,298
596	C200 - C204		33	Utilities	6" Perforated PVC Retaining Wall Underdrain System Line	319	5%	335	F	0.201	67.32	82.62	5,968.31	18.81	6,226.21	12,194		23.67	7,928
597	C200 - C204		DIV-	Utilities	4" Perforated PVC Underdrain	737	5%	774	F	0.177	136.64	82.62	11,213.71	10.41	13,789.81	25,003		12.87	9,957
598	C200 - C204		33	Utilities	Utility Pipe 1 (Detail Not Given)	643	5%	675	F	0.201	127.45	82.62	10,550.01	18.41	8,652.21	19,202		23.00	15,525
599	C200 - C204		DIV-	Utilities	Utility Pipe 2 (Detail Not Given)	1,065	5%	1,118	F	0.201	258.32	82.62	21,275.31	18.41	20,799.81	42,075		23.00	48,474
			33						F										
			DIV-						F										
			33		**Connections**				F										
600	C200 - C204		DIV-	Utilities	Channel Connection to 8" Outlet Pipe	2		2	EA	3.500	7.00	82.62	574.91	120.00	240.00	815		663.50	1,327
601	C200 - C204		DIV-	Utilities	Core & Connection To Existing Structure	2		2	EA	6.500	13.00	82.62	1,074.20	90.00	180.00	1,254		1,042.40	2,085
602	C200 - C204		DIV-	Utilities	24" Tap & Connection	4		4	EA	6.000	24.00	82.62	1,976.64	300.00	1,200.00	3,177		3,654.60	14,618
603	C200 - C204		DIV-	Utilities	6" Tap & Connection	1		1	EA	3.500	3.50	82.62	288.93	85.00	85.00	374		429.20	429
			33						A										
			DIV-		**Fixtures**				A										
604			33	Utilities	TD-01, Trench Drain W/ Sump	188	5%	198	EA	0.850	168.19	82.62	13,912.31	153.00	29,680.91	43,593		255.95	50,158
			DIV-						F										
			33						F										
					Cascade				F										
605			DIV-	Utilities	WQ-01, Cascade CS-3 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	65.000	65.00	82.62	5,353.61	18,000.00	18,000.00	23,353		27,354.23	27,291
606			DIV-	Utilities	WQ-02, Cascade CS-4 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	65.000	65.00	82.62	5,353.61	18,000.00	18,000.00	23,353		27,354.23	27,291
607			DIV-	Utilities	WQ-03, Cascade CS-5 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	90.000	90.00	82.62	7,412.42	25,000.00	25,000.00	32,412		37,799.74	37,800
608			DIV-	Utilities	WQ-04, Cascade CS-6 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	50.000	50.00	82.62	4,118.01	12,000.00	12,000.00	16,118		18,769.58	18,769
609			DIV-	Utilities	WQ-05, Cascade CS-7 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	65.000	65.00	82.62	5,353.61	18,000.00	18,000.00	23,353		27,354.23	27,291
610			DIV-	Utilities	WQ-06, Cascade CS-8 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	50.000	50.00	82.62	4,118.01	12,000.00	12,000.00	16,118		18,769.58	18,769
611			DIV-	Utilities	WQ-07, Cascade CS-9 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	90.000	90.00	82.62	7,412.42	25,000.00	25,000.00	32,412		37,799.74	37,800
612			DIV-	Utilities	WQ-08, Cascade CS-10 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -(2) 24" Manhole	1		1	EA	65.000	65.00	82.62	5,353.61	18,000.00	18,000.00	23,353		27,354.23	27,291
613			DIV-	Utilities	WQ-09, Cascade CS-11 W/ -Solid Storage Sump -Fiberglass OR Polypropylene Internal Components -Top of Chamber -Inlet Pipe/Outlet Pipe Grade Rings/Riser -1 Top Of Side Access	1		1	EA	65.000	65.00	82.62	5,353.61	18,000.00	18,000.00	23,353		27,354.23	27,291
					Infiltration System														
614			DIV-	Utilities	INF-01, 5'-0" Retain-It	1		1	EA	68.000	68.00	82.62	5,931.81	4,500.00	4,500.00	8,453		9,728.12	9,728
615			33	Utilities	8'-0" x 8'-0" x 5'-0" Deep Chamber (23.5 EA)	2,038		2,139	SF	0.006	8.48	82.62	738.12	0.31	655.72	1,394		0.36	1,616
616			DIV-	Utilities	Geotextile MEsiR 140N	2,038		2,139	SF	0.030	62.38	82.62	5,430.31	3.01	6,356.71	11,787		3.38	7,225
			33		Stone Base				SF										
			DIV-						SF										
617			33	Utilities	INF-02, 5'-0" Retain-It	1		1	EA	68.000	68.00	82.62	5,931.81	4,500.00	4,500.00	8,453		9,728.12	9,728
618			DIV-	Utilities	8'-0" x 8'-0" x 5'-0" Chamber (38 EA)	2,643	5%	2,790	SF	0.006	11.18	82.62	921.21	0.31	858.81	1,780		0.36	1,946
619			33	Utilities	Geotextile MEsiR 140N	2,643	5%	2,790	SF	0.030	82.31	82.62	6,605.81	3.01	8,388.91	12,994		3.38	15,080
			DIV-		Stone Base				SF										
			33						SF										
620			DIV-	Utilities	INF-03, 5'-0" Retain-It	1		1	EA	68.000	68.00	82.62	5,931.81	4,500.00	4,500.00	8,453		9,728.12	9,728
621			33	Utilities	8'-0" x 8'-0" x 5'-0" Chamber (36 EA)	2,625	5%	2,756	SF	0.006	11.03	82.62	909.03	0.31	848.31	1,758		0.36	1,923
622			DIV-	Utilities	Geotextile MEsiR 140N	2,625	5%	2,756	SF	0.030	81.31	82.62	6,526.31	3.01	8,288.81	12,815		3.38	14,894
			33		Stone Base				SF										
			DIV-						SF										
623			33	Utilities	INF-04, 5'-0" Retain-It	1		1	EA	68.000	68.00	82.62	5,931.81	4,500.00	4,500.00	8,453		9,728.12	9,728
624			DIV-	Utilities	8'-0" x 8'-0" x 5'-0" Chamber (52 EA)	3,671	5%	3,571	SF	0.006	14.28	82.62	1,179.41	0.31	1,071.41	2,248		0.36	2,526
625			33	Utilities	Geotextile MEsiR 140N	3,671	5%	3,571	SF	0.030	71.41	82.62	5,882.21	3.01	10,753.21	16,591		3.38	19,220
			DIV-		Stone Base				SF										
			33						SF										
626			DIV-	Utilities	INF-05, 5'-0" Retain-It	1		1	EA	68.000	68.00	82.62	5,931.81	4,500.00	4,500.00	8,453		9,728.12	9,728
627			33	Utilities	8'-0" x 8'-0" x 5'-0" Chamber (25 EA)	1,763	5%	1,851	SF	0.006	7.40	82.62	609.81	0.31	565.81	1,176		0.36	1,264
628			DIV-	Utilities	Geotextile MEsiR 140N	1,763	5%	1,851	SF	0.030	37.02	82.62	3,058.21	3.01	5,553.51	8,612		3.38	9,861
			33		Stone Base				SF										
			DIV-						SF										
			33						SF										
					DCS-01, Outlet Control Structure W/ -(1) Twin 11" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227														
629	C201 - C204	2/C503	DIV-33	Utilities		1		1	EA	12.630	12.63	82.62	1,043.21	7,000.00	7,000.00	8,043		9,428.04	9,428
					DCS-02, Outlet Control Structure W/ -(1) 36" Wide x 30" High Rectangular Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227														
630	C201 - C204	3/C503	DIV-33	Utilities		1		1	EA	16.250	16.25	82.62	1,338.62	9,000.00	9,000.00	10,338		12,122.84	12,123
					DCS-03, Outlet Control Structure W/ -(1) 11" Diameter Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227														
631	C201 - C204	4/C503	DIV-33	Utilities		1		1	EA	14.520	14.52	82.62	1,195.91	8,000.00	8,000.00	9,196		10,782.81	10,783
					DCS-04, Outlet Control Structure W/ -(1) Twin 11" Orifice -(1) Precast Concrete Overflow Weir -(1) Inlet -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227														
632	C201 - C204	6/C503	DIV-33	Utilities		1		1	EA	17.230	17.23	82.62	1,419.11	9,500.00	9,500.00	10,919		12,803.43	12,803
					DCS-05, Outlet Control Structure W/ -(1) 7' Orifice -(1) 4' Orifice -(1) Inlet -(1) Precast Concrete Overflow Weir -(1) Outlet -(1) Manhole Cover: Campbell Foundry Company, Pattern 1227														
633	C201 - C204	7/C503	DIV-33	Utilities		1		1	EA	12.500	12.50	82.62	1,029.51	6,000.00	6,000.00	7,030		8,255.50	8,256
					Manholes														
634	C201 - C204	2/C542	DIV-33	Utilities	48" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	2		2	EA	3.458	6.92	82.62	569.62	450.00	900.00	1,470		809.41	1,699
635	C201 - C204	2/C542	DIV-33	Utilities	60" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1		1	EA	3.562	3.56	82.62	293.62	600.00	600.00	894		799.93	800
636	C201 - C204	2/C542	DIV-33	Utilities	72" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	2		2	EA	8.524	17.05	82.62	1,406.41	350.00	700.00	2,106		1,577.49	3,155
637	C201 - C204		DIV-	Utilities	48" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	10		10	EA	6.354	63.54	82.62	5,242.31	5,500.00	55,000.00	60,242		6,908.32	69,083
638	C201 - C204		33	Utilities	Catch Basin (Detail Not Given)	2		2	EA	4.620	9.24	82.62	762.31	1,200.00	2,400.00	3,162		5,461.00	10,922
639	C201 - C204		DIV-	Utilities	Yard Drain (Detail Not Given)	12		12	EA	9.524	114.29	82.62	9,437.14	550.00	6,600.00	16,037		707.00	8,484
			33						A										
			DIV-						A										
			33		**Manholes**				A										
640	C201 - C204	4/C506	DIV-33	Utilities	48" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	38		38	EA	33.600	1,276.80	82.62	105,557.25	3,500.00	133,000.00	238,557		7,223.02	274,476
641	C201 - C204	4/C506	DIV-33	Utilities	60" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1		1	EA	44.800	44.80	82.62	3,689.71	5,000.00	5,000.00	8,690		10,014.94	10,015
642	C201 - C204	4/C506	DIV-33	Utilities	72" Dia Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	4		4	EA	56.000	224.00	82.62	18,448.62	7,500.00	30,000.00	48,449		14,036.63	56,026
643	C201 - C204	4/C506	DIV-33	Utilities	84" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	8		8	EA	20.160	161.28	82.62	13,283.00	2,500.00	20,000.00	33,283		4,806.19	38,450
644	C201 - C204	4/C506	DIV-33	Utilities	60" Dia Shallow Storm Manhole W/ -Manhole Cover: Campbell Foundry Company, Pattern 1227	1		1	EA	26.880	26.88	82.62	2,213.80	3,500.00	3,500.00	5,714		6

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS
6-07	C201 - C206	1/C1S01	DIV--33	Utilities	Type "C" Catch Basin W/ (1) Catch Basin Trap (1) Grate Pattern: Campbell Foundry Co. 2617	34	-	34	EA	24.000	816.00	$ 82.4	$ 67,305.6	$ 1,205.0	$ 40,800.0	$ 108,106		$ 3,624.06	$ 123,218
6-08	C201 - C206	2/C1S01	DIV--33	Utilities	Type "D" Catch Basin W/ (1) Catch Basin Trap (1) Grate Pattern: Campbell Foundry Co. 3408	12	-	12	EA	80.000	960.00	$ 82.4	$ 79,449.6	$ 1,600.0	$ 19,200.0	$ 98,650		$ 8,638.17	$ 103,706
6-09	C201 - C206	3/C1S01	DIV--33	Utilities	Type "C" Double Catch Basin W/ (2) Catch Basin Trap (2) Grate Pattern: Campbell Foundry Co. 2617	8	-	8	EA	96.000	768.00	$ 82.4	$ 63,571.2	$ 2,200.0	$ 17,600.0	$ 81,171		$ 9,908.47	$ 79,268
6-10	C201 - C206	2/C1S01	DIV--33	Utilities	Type "D" Double Catch Basin W/ (2) Catch Basin Trap (2) Grate Pattern: Campbell Foundry Co. 3408	1	-	1	EA	44.000	44.00	$ 82.4	$ 3,628.8	$ 2,800.0	$ 2,800.0	$ 6,429		$ 7,352.69	$ 7,353
					Yard Drain														
6-11	C201 - C206A	7/C1S01	DIV--33	Utilities	Yard Drain W/ (1) Grate, Material: Gray Cast Iron, Pattern: Campbell 2582C	26	-	26	EA	3.256	84.66	$ 82.4	$ 6,972.9	$ 350.0	$ 9,100.0	$ 16,072		$ 712.74	$ 18,531
					Area Drain														
6-12	C202 - C206A	8/C1S07	DIV--33	Utilities	Area Drain W/ (1) Grate: Josam 4510-F-SB-VP, Material: Stainless Steel 304 Grate	20	-	20	EA	3.854	77.08	$ 82.4	$ 6,349.3	$ 525.0	$ 10,500.0	$ 16,849		$ 968.45	$ 19,370
					Piping														
6-13	C312 - C316		DIV--33	Utilities	4" PL Natural Gas Service	1,267	5%	1,330	LF	0.608	964.70	$ 82.4	$ 77,805.1	$ 68.0	$ 68,913.9	$ 146,719		$ 117.19	$ 148,719
					Connections														
6-14	C316		DIV--33	Utilities	Natural Gas Service Connection to Existing	1	-	1	EA	3.210	3.21	$ 82.4	$ 264.6	$ 320.0	$ 320.0	$ 585		$ 579.00	$ 579
					Fixture														
6-15	C312		DIV--33	Utilities	Gas Meter (For VO-AS Building By Utility Company)	1	-	1	E	-	-	$ 82.4	$ -	-	$ -	$ -		$ -	$ -
6-16	C312		DIV--33	Utilities	Gas Meter (For New High School Building By Utility Company)	1	-	1	E	-	-	$ 82.4	$ -	-	$ -	$ -		$ -	$ -
			DIV--33						E										
SUB TOTAL:										**Total Lab. Hours:**	**292.372**	**Total Lab. Cost:**	**$ 19,893,787.0**	**Total Mat. Cost:**	**$ 17,691,340.0**	**$ 37,585,127**			**$ 42,990,187**
MATERIAL TAX												**6.8%**			**$ 1,202,887.3**	**$ 1,202,887**			
OVERHEAD & PROFIT / INFLATION (MARKUP)												**10%**			**$ 2,788,500.7**	**$ 2,788,500**			
OVERHEAD & PROFIT (MARKUP)												**10%**	**$ 1,989,378**			**$ 1,989,378**			
BONDING												**1.5%**	**$ 327,174**		**$ 853,900.5**	**$ 853,900.5**			
TOTAL BASE BID													**$ 23,198,342**		**$ 20,857,941**	**$ 42,980,187**			**$ 42,990,187**

PROESTIMATRIX
PRECISION IN EVERY ESTIMATE

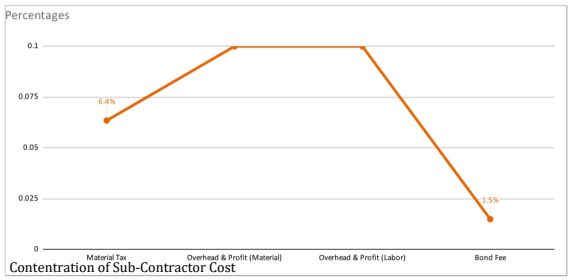
Project Dashboard

Project Name	Date	Base Bid	Project Type	Address	Scope of Work

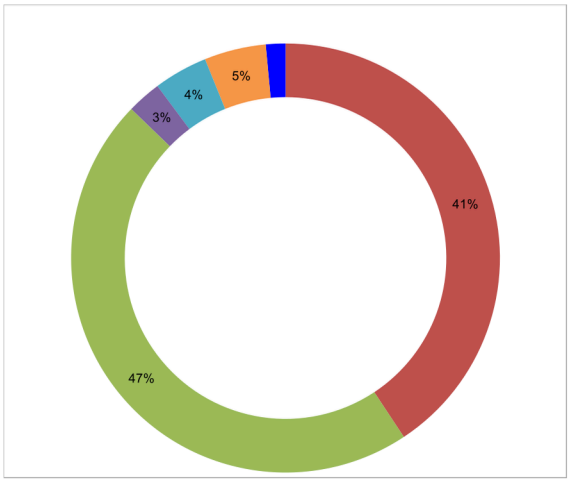
Overall Estimate

Basebid

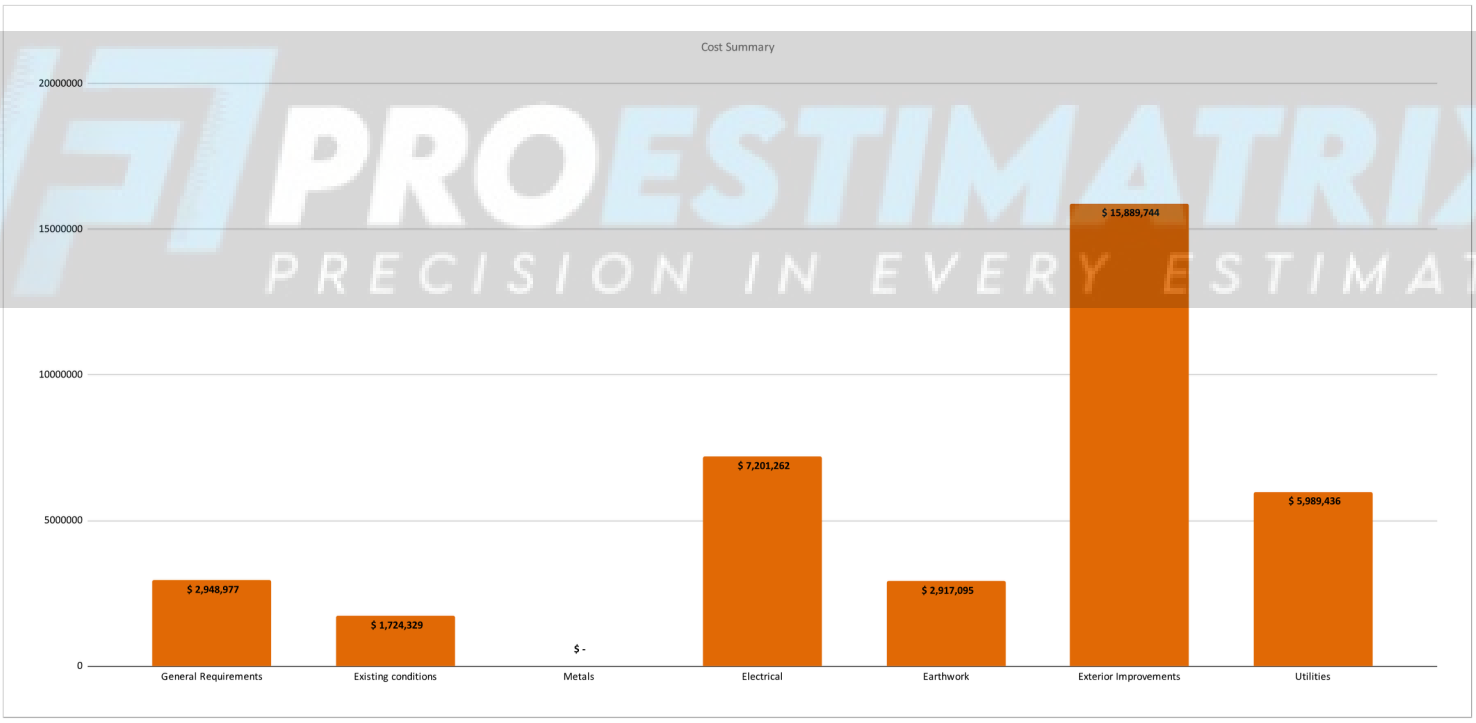
Add ALT



Contentration of Sub-Contractor Cost



Material	
Labour	
Material Tax	
Material Profit	
Labour Profit	
Bond Fee	



PROESTIMATRIX
PRECISION IN EVERY ESTIMATE