

Everett Park Site Improvements Township of Verona, Essex County, New Jersey NEA Project No.: VEROMUN24.010 - April 11, 2025

ENGINEER 3 I	STIVIATE			NEA Project No.: VEROMON24.010 - APRIL 11, 2025 ENGINEER'S ESTIMATE										
	Unit of													
Item No. Item Description	Measure	Quantity	Unit Cost		Total Cost									
1 Mobilization / Demobilization	L.S.	1	\$ 120,000.00) \$	120,000.00									
2 Site Clearing / Demolition	L.S.	1	\$ 50,000.00		50,000.00									
3 Tree Removals, 6" - 15"	UNIT	15	\$ 800.00	_	12,000.00									
4 Tree Removals 16" - 23"	UNIT	3	\$ 2,000.00	_	6,000.00									
5 Tree Removals 24" or Greater	UNIT	2	\$ 3,000.00	_	6,000.00									
6 Additional Tree Removals, 6" - 15" (If and Where Directed.)	UNIT	20	\$ 500.00	\$	10,000.00									
7 Additional Tree Removals 16" - 23" (If and Where Directed.)	UNIT	3	\$ 800.00) \$	2,400.00									
8 Additional Tree Removals 24" or Greater (If and Where Directed.)	UNIT	2	\$ 2,000.00) \$	4,000.00									
9 Removal of Invasive Vines and Dead Trees (If and Where Directed.)	L.S.	1	\$ 15,000.00) \$	15,000.00									
10 Tree Stump Removal	UNIT	5	\$ 1,000.00) \$	5,000.00									
11 Soil Erosion Measures	L.S.	1	\$ 5,000.00	\$	5,000.00									
12 Site Grading (Includes Cut & Fill and Soil Removal)	L.S.	1	\$ 150,000.00	\$	150,000.00									
13 Temporary Chain Link Construction Fence and Gates	L.F.	1300	\$ 40.00	\$	52,000.00									
14 4" Perforated PVC Pipe	L.F.	2820	\$ 45.00	\$	126,900.00									
15 8" Perforated HDPE Pipe	L.F.	190	\$ 50.00	\$	9,500.00									
16 12" HDPE Pipe	L.F.	530	\$ 65.00	\$	34,450.00									
17 15" HDPE Pipe	L.F.	240	\$ 70.00	_	16,800.00									
18 15" Perforated HDPE Pipe	L.F.	115	\$ 70.00		8,050.00									
19 24" RCP Pipe	L.F.	35	\$ 250.00	_	8,750.00									
20 30" RCP Pipe	L.F.	10	\$ 300.00	_	3,000.00									
21 36" Perforated HDPE Pipe	L.F.	470	\$ 150.00		70,500.00									
22 2' x 2' Inlet, Complete	UNIT	9	\$ 3,000.00	_	27,000.00									
23 Yard Drain (Buried), Complete	UNIT	6	\$ 500.00	_	3,000.00									
24 Storm Manhole, 4' Dia., Complete	UNIT	8	\$ 6,500.00	_	52,000.00									
25 New Type A, Inlet, Complete	UNIT	1	\$ 5,000.00	_	5,000.00									
26 New Type B, Inlet, Complete	UNIT	3	\$ 6,000.00	_	18,000.00									
27 New Type E, Inlet, Complete	UNIT	1	\$ 7,000.00	_	7,000.00									
28 Reconstruct Existing Manhole for New 24" Connection	UNIT	1	\$ 3,000.00	_	3,000.00									
29 Reconstruct Existing Inlet for New 30" Connection	UNIT	1	\$ 6,000.00	_	6,000.00									
30 Outlet Control Structure	UNIT	1	\$ 10,000.00	_	10,000.00									
31 6" PVC SDR-35 Sanitary Pipe	L.F.	335	\$ 60.00	_	20,100.00									
32 Sanitary Sewer Manhole, 4' Dia.	UNIT	4	\$ 6,500.00	_	26,000.00									
33 Sanitary Sewer Saddle Connection	L.S.	1	\$ 6,000.00	_	6,000.00									
34 9" x 18" Concrete Vertical Curb	L.F.	830	\$ 50.00	_	41,500.00									
35 Concrete Header Curb 12" x 18"	L.F.	200	\$ 65.00	_	13,000.00									
36 Hot Mix Asphalt Surface Course, Mix 9.5M64, 2" Thick (Parking Lot Driveway)	TONS	15	\$ 180.00	_	2,700.00									
37 Hot Mix Asphalt Base Course, Mix 19M64, 4" Thick (Parking Lot Driveway)	TONS	35	\$ 180.00	_	6,300.00									
38 Dense-Graded Aggregate Base Course, 6" Thick (Parking Lot Driveway)	S.Y.	135	\$ 10.00	_	1,350.00									
39 Decorative Pavers on 4" Thick Concrete Base	S.Y.	145	\$ 190.00	_	27,550.00									
40 Concrete Sidewalk, 4" Thick	S.Y.	1,070	\$ 100.00	_	107,000.00									
41 Concrete Sidewalk, 4" Thick (If and Where Directed.)	S.Y.	265	\$ 100.00	_	26,500.00									
42 Concrete, Reinforced, 6" Thick	S.Y.	390	\$ 125.00	_	48,750.00									
43 Open Graded Friction Course (OGFC), 4" Thick (Pervious Parking Lot)	S.Y.	1,800	\$ 40.00	_	72,000.00									
44 Pervious Pavement Choker Course, 1" Thick (Pervious Parking Lot)	S.Y.	1,800	\$ 10.00	_	18,000.00									
45 Clean Washed and Open Graded ASSHTO No. 2 Broken Stone, 14 " Thick (Pervious Par		1,800	\$ 30.00	_	54,000.00									
46 Geotextile Fabric (Pervious Parking Lot)	S.Y.	1,800	\$ 4.00	- i	7,200.00									
47 Parking Lot Striping	L.S.	1	\$ 9,000.00	_	9,000.00									
48 Retaining Wall (Height Varies 1' - 11' Max)	S.F.F.	6,000	\$ 95.00	_	570,000.00									
49 Natural Grass Field (per Cross Section)	S.Y.	5,750	\$ 18.00	_	103,500.00									
50 Topsoil and Sod for Slopes and Disturbed Areas	S.Y.	2,900	\$ 10.00) \$	29,000.00									
51 Clay Infield/On Deck Skin Areas Complete (per Cross Section)	S.Y.	835	\$ 50.00	\$	41,750.00									
52 Sports Field Irrigation System Complete	L.S.	1	\$ 60,000.00) \$	60,000.00									
53 Furnish and Install Portable Pitching Mound, Little League, 6" High	UNIT	1	\$ 2,000.00) \$	2,000.00									
54 Furnish and Install Portable Bases, Complete with Covers (Set of 3)	UNIT	1	\$ 1,000.00) \$	1,000.00									



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	Furnish and Install Pitchers Rubber, Complete with Covers	UNIT	3	\$ 500.00	\$	1,500.00
57	Furnish and Install Fall Protection Fence, 4' High	L.F.	800	\$ 50.00	\$	40,000.00
58	Furnish and Install Benches	UNIT	6	\$ 2,500.00	\$	15,000.00
59	Black Vinyl Coated Chain Link Fence, 8' High	L.F.	1,050	\$ 75.00	\$	78,750.00
60	Sports Netting, 20' Overall Height	L.F.	160	\$ 180.00	\$	28,800.00
61	Black Vinyl Coated Chain Link Fence Gate, Single Swing, 8' High, 4' Wide	UNIT	10	\$ 2,000.00	\$	20,000.00
62	Black Vinyl Coated Chain Link Fence Gate, Double Swing, 8' High, 12' Wide	UNIT	1	\$ 4,000.00	\$	4,000.00
63	Playground, Black Vinyl Coated Chain Link Fence, 4' High	L.F.	200	\$ 50.00	\$	10,000.00
64	Playground, Black Vinyl Coated Chain Link Fence Gate, 4' High, 4' Wide	UNIT	1	\$ 1,000.00	\$	1,000.00
65	Furnish and Install Timber Guiderail	L.F.	310	\$ 40.00	\$	12,400.00
66	Furnish and Install NJDOT Beam Guiderail	L.F.	15	\$ 85.00	\$	1,275.00
67	Furnish and Install Backstop	UNIT	1	\$ 45,000.00	\$	45,000.00
68	Furnish and Install Dugout Structure, 30' x 10'	UNIT	2	\$ 18,000.00	\$	36,000.00
69	Furnish and Install 60' x 15' Batting Cage, Complete	UNIT	2	\$ 20,000.00	\$	40,000.00
70	Furnish and Install Poured-in-Place Safety Surface, Complete	S.F.	4,600	\$ 36.00	\$	165,600.00
71	Furnish and Install Playground Equipment, Complete (Inclusive Jake's Law)	L.S.	1	\$ 350,000.00	\$	350,000.00
72	Furnish and Install ADA Accessible Bleachers, 27' Long, 5 Rows, Complete	UNIT	2	\$ 26,000.00	\$	52,000.00
73	Furnish and Install Bleachers, 21' Long, 3 Rows, Complete	UNIT	2	\$ 6,000.00	\$	12,000.00
74	Furnish and Install Player Benches - 27; with Backrest	UNIT	2	\$ 3,000.00	\$	6,000.00
75	Furnish and Install Picnic Tables	UNIT	2	\$ 2,500.00	\$	5,000.00
76	Furnish and Install Foul Poles	UNIT	2	\$ 6,000.00	\$	12,000.00
77	Furnish and Install Decorative Park Signage with Landscaping, Complete	UNIT	1	\$ 15,000.00	\$	15,000.00
78	Furnish and Install Detectable Warning Surface	S.Y.	6	\$ 500.00	\$	3,000.00
79	Furnish and Install Site Signage with Post	UNIT	5	\$ 750.00	\$	3,750.00
80	Furnish and Install Trash and Recycle Receptacles	UNIT	8	\$ 3,500.00	\$	28,000.00
81	Final Cleanup / Site Restoration	L.S.	1	\$ 15,000.00	\$	15,000.00
82	New 25' High Flagpole with Flag Lighting and Landscaping, Complete	L.S.	1	\$ 20,000.00	\$	20,000.00
83	Foundation and Slab for Concession Building	L.S.	1	\$ 18,000.00	\$	18,000.00
84	1 - 1/2" Copper Water Service, Complete with Backflow Preventer, Valves, and Meter Setup, and Wet-	L.S.	1	\$ 65,000.00	\$	65,000.00
	Tap Connection to Existing Water Main New Electrical Service for Concession Stand, Sports Lighting, Scoreboard, Flag Lighting, and Site Lighting,					
85	Complete (includes Conduit, Pull Boxes, Wiring, Controls, and Timers)	L.S.	1	\$ 60,000.00	\$	60,000.00
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86	Decorative LED Site Lighting Set Up (includes fixture, GFI outlets in Pole, Pole Foundations, Bolt Patterns),	UNIT	1	\$ 7,500.00	\$	7,500.00
	Complete					
86	Empty Conduit for Future Fiber Connection to Park	L.S.	1	\$ 10,000.00	\$	10,000.00
87	Acer Rubrum 'October Glory' (October Glory Red Maple) (3"-3 1/2" Cal. B&B)	UNIT	8	\$ 950.00	\$	7,600.00
88	Fagus Grandifolia (American Beech) (3"-3 1/2" Cal. B&B)	UNIT	5	\$ 890.00	\$	4,450.00
89	Liriodendron Tulipfera (Tuliptree) (3"-3 1/2" Cal. B&B)	UNIT	10	\$ 840.00	\$	8,400.00
90	Nyssa Sylvatica (Black Gum) (3"-3 1/2" Cal. B&B)	UNIT	4	\$ 740.00	\$	2,960.00
91	Quercus Bicolor (Swamp White Oak) (2 1/2"-3" Cal. B&B)	UNIT	4	\$ 950.00	\$	3,800.00
92	Quercus Phellos (Willow Oak) (3"-3 1/2" Cal. B&B)	UNIT	7	\$ 950.00	\$	6,650.00
93	Cornus Florida (White Dogwood) (7'-8' Ht., B&B)	UNIT	6	\$ 590.00	\$	3,540.00
94	Ostrya Virginiana (Hophornbeam) (3 Gal. Container)	UNIT	12	\$ 665.00	\$	7,980.00
95	Ceanothus Americanus (New Jersey Tea) (3 Gal. Container)	UNIT	3	\$ 100.00	\$	300.00
96	Juniperus Confeerta (Shore Juniper) (3 Gal. Container)	UNIT	13	\$ 65.00	\$	845.00
97	Carex Vulpinoidea (Fox Sedge) (3 Gal. Container)	UNIT	11	\$ 45.00	\$	495.00
98	Contract Allowance for Additional Shade Trees with Water Bags	ALLOW	1	\$ 10,000.00	\$	10,000.00
99	Contract Allowance for Supplying and Installing Engraved Fundraising Pavers	ALLOW	1	\$ 10,000.00	\$	10,000.00
100	Sports Lighting Light Structure Retrofit Complete System Upgrade (25 Year Warranty)	L.S.	1	\$ 320,000.00	\$	320,000.00
Notes:				Subtotal	ć	3,710,645.00
	d cost not included as we understand Township will seek donation for scoreboard. oncession stand/restroom/Press Box is not included as we understand Township will seek donation for construction			Jubiolai	۶	3,710,043.00
	ure. Site work will include subgrade preparation and construction of utility connections stubbed up at the proposed building	ling 10% Contingencies		\$	371,064.50	
location.		Total Estimate		\$	4,081,709.50	