

DYKSTRA WALKER DESIGN DW GROUP

ENGINEERING, ENVIRONMENTAL SERVICES, PLANNING, SURVEYING

Engineer's Estimate

Element Farms

Block 5, Lot 7.03

152 Hampton House Road

Township of Lafayette, Sussex County

July 1, 2021

Project No. 19039

Item	Description	Quantity	Units	Unit Cost	Total
A Site Preparation					
1	Site Clearing	4.3	Acre	\$ 5,500.00	\$ 23,650.00
2	Topsoil Stripping and Stockpiling	7,000	CY	\$ 2.00	\$ 14,000.00
3	Soil Excavation and Fill	16,970	CY	\$ 2.00	\$ 33,940.00
Subtotal A					\$ 71,590.00
B Storm Sewer					
4	12" HDPE (including excavation and backfill)	301	LF	\$ 20.00	\$6,020.00
5	15" HDPE (including excavation and backfill)	1,047	LF	\$ 33.00	\$34,551.00
6	18" HDPE (including excavation and backfill)	560	LF	\$ 38.00	\$21,280.00
7	24" HDPE (including excavation and backfill)	30	LF	\$ 42.00	\$1,260.00
8	Type "A" Inlet	6	Unit	\$ 1,400.00	\$8,400.00
9	Storm Manhole (4' I.D.)	6	Unit	\$ 1,600.00	\$9,600.00
10	Recharge Chambers (including excavation, gravel and connections)	2480	Unit	\$ 80.00	\$198,400.00
11	Flared End Section	1	Unit	\$ 1,200.00	\$1,200.00
Subtotal B					\$280,711.00
C Soil Erosion and Sediment Control Measures					
12	Silt Fence	1,600	LF	\$ 1.50	\$ 2,400.00
13	Riprap	22	CY	\$ 80.00	\$ 1,760.00
14	Temporary Sediment Filter Inlet Device	6	Unit	\$ 75.00	\$ 450.00
Subtotal C					\$ 4,610.00
D Miscellaneous Utilities					
15	Dense Graded Aggregate (subbase for driveway)	120	Tons	\$ 24.00	\$ 2,880.00
16	Connection to Existing Electric Service	1	Unit	\$ 1,500.00	\$ 1,500.00
17	Relocation of Utility Pole	1	Unit	\$ 20,000.00	\$ 20,000.00
Subtotal D					\$ 24,380.00
Total					\$381,291.00

This estimate based on plans titled "Preliminary & Final Site Plan, Element Farms, Twp. of Hampton: Block 3107, Lot 1 & Twp. of Lafayette: Block 5, Lot 7.03, #152 Hampton House Road (U.S. Route 206), Sussex County - New Jersey", prepared by Dykstra Walker Design Group and dated June 2, 2021.



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