



Hudson Land Design
Professional Engineering, P.C.
 174 Main Street
 Beacon, NY 12508
 p: (845) 440-6926

Project: Hasbrouck House Homes
Location: Town of Marbletown, NY
Date: 8/8/2023; Revised 8/28/2023

Performance Bond Estimate

No.	Removal Work	Units	\$/Unit	Quantity	Cost	Notes
1	Clearing and Grubbing	SY	2.59	13,448	\$ 34,858	Entire disturbance area for construction of road
2	Topsoil Stripping and Stockpile	CY	1.20	2,241	\$ 2,690	6" depth
	Subtotal				\$ 37,548	

No.	Road	Units	\$/Unit	Quantity	Cost	Notes
1	Grading, Stone, & Asphalt Emulsion	SY	19.07	4,295	\$ 81,900	20' wide road with 24" shoulders
2	Road Grading	SY	2.59	12,990	\$ 33,671	50' width of grading
3	Gravel Diaphragm	LF	3.00	3,328	\$ 9,984	
	Subtotal				\$ 125,556	

No.	Storm Water Measures	Units	\$/Unit	Quantity	Cost	Notes
1	Catch Basins	EA	2,160.00	5	\$ 10,800	
2	15" HDPE and Trenching	LF	42.60	70	\$ 2,982	Includes driveway culverts for 2 driveways
3	18" HDPE and Trenching	LF	46.20	33	\$ 1,525	
4	24" HDPE and Trenching	LF	51.00	206	\$ 10,506	
5	Flared End Treatments with Rip-Rap 24"	EA	216.00	1	\$ 216	
6	Grass Swale	LF	4.50	1,054	\$ 4,743	Includes topsoil & seed
7	Dry Swale with underdrain	LF	49.66	1,390	\$ 69,032	Includes topsoil & seed
8	Dry Swale without underdrain	LF	45.14	757	\$ 34,174	Includes topsoil & seed
	Subtotal				\$ 133,977	

No.	Miscellaneous	Units	\$/Unit	Quantity	Cost	Notes
1	Erosion Control	Acre	6,000.00	2.8	\$ 16,800	
2	Signs	EA	180.00	2	\$ 360	Stop sign & road name sign
3	Landscaping	EA	240.00	46	\$ 11,040	Screening landscaping along road
4	Grass Stabilization	Acre	15,000.00	1.1	\$ 16,563	Area outside roadside swales
5	As-Built Survey	LS	10,000.00	1	\$ 10,000	
	Subtotal				\$ 54,763	
Total all Items					\$ 351,845	
	Construction Inspection/Observation 1.5%				\$ 5,278	
	10% Contingency				\$ 35,184	
Grand Total					\$ 392,307	

Note: Estimate does not include NYSDOT entrance components, which will be bonded separately with the NYSDOT.