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TOWN OF NEWBURGH
TOWN ENGINEER

MEMORANDUM

TO: Gilbert Piaquadio, Town Supervisor and Town Board
FROM: Patrick J. Hines, Representative, Engineers for the Town
DATE: 6 September 2024
RE: MKJC Realty, LLC (PB #2023-11) Stormwater / Erosion Sediment Control Security

The applicant's representative, John Queenan, P.E. of Lanc & Tully Engineers, has prepared a cost estimate for the stormwater management facilities and erosion / sediment control for the subject project. The project has conditional final approval from the Planning Board. The applicant's representative has utilized unit cost from the template prepared by MHE Engineers to standardize cost estimating. The cost estimate prepared identifies an engineer's estimate of probable construction cost of \$338,604.20. A 4% inspection fee is required based on the Town Code. The inspection fee required is \$13,544.17. Establishment of security for the project and inspection fees requires Town Board action.

I am available to discuss further with the Board should it be required.

Cc: John P. Ewasutyn, Planning Board Chairman
Jerry Canfield, Code Enforcement Supervisor
Lisa Lance Ayers, Town Clerk
Ronald Clum, Town Accountant

Project Name: MKJC Realty, LLC Municipality: Town of Newburgh
 Planning Board No.: 2023-11 Date: 6-Sep-24

**PRIVATE IMPROVEMENTS
 STORMWATER DESIGN**

No.	Description	Unit	Unit Cost	Total Qty	Total Cost	Completed Qty	Completed Cost	Remaining Cost
Drainage								
1	Catch Basin	EA	\$4,888.00	9	\$43,992.00		\$0.00	\$43,992.00
2	Stormwater Manhole	EA	\$5,428.00	2	\$10,856.00		\$0.00	\$10,856.00
3	Outlet Structure	EA	\$10,000.00	2	\$20,000.00		\$0.00	\$20,000.00
4	Stormwater Pipe (HDPE - 6")	LF	\$70.00	338	\$23,660.00		\$0.00	\$23,660.00
5	Stormwater Pipe (HDPE - 8")	LF	\$70.00	165	\$11,550.00		\$0.00	\$11,550.00
6	Stormwater Pipe (HDPE - 15")	LF	\$75.00	657	\$49,275.00		\$0.00	\$49,275.00
7	End Section (HDPE)	EA	\$815.00	1	\$815.00		\$0.00	\$815.00
8	Perforated Pipe/Stone Underdrain	LF	\$35.40	300	\$10,620.00		\$0.00	\$10,620.00
9	Non-Lined Drainage Channel	LF	\$16.40	85	\$1,394.00		\$0.00	\$1,394.00
10	Rip-Rap, R-8 (24"-48") (D50)	LF	\$120.00	20	\$2,400.00		\$0.00	\$2,400.00
11	SMP Sign	EA	\$400.00	2	\$800.00		\$0.00	\$800.00
Other								
12	Site Erosion and Sediment Controls	AC	\$ 4,340.00	2	\$8,680.00		\$0.00	\$8,680.00
13	Silt Fence	LF	\$ 6.50	120	\$780.00		\$0.00	\$780.00
14	Bioretention Area	EA	\$ 20,000.00	1	\$20,000.00		\$0.00	\$20,000.00
15	Underground Stormwater Detention System	EA	\$ 80,000.00	1	\$80,000.00		\$0.00	\$80,000.00
16	Level Spreader with Rip Rap	LF	\$ 70.00	150	\$10,500.00		\$0.00	\$10,500.00
17	Spillway	EA	\$ 500.00	1	\$500.00		\$0.00	\$500.00
18	Rip Rap Gabion Basket Outlet	LS	\$ 10,000.00	1	\$10,000.00		\$0.00	\$10,000.00
19	Roof Leader Cleanouts	EA	\$ 250.00	4	\$1,000.00		\$0.00	\$1,000.00
20	Roof Leader Tie-In	EA	\$ 500.00	2	\$1,000.00		\$0.00	\$1,000.00
				Sub Total	\$307,822.00			
			10% Contingency		\$30,782.20			
				Total	\$338,604.20		\$0.00	\$307,822.00