

### **M**EMORANDUM

TO: North Castle Planning Board

CC: North Castle Town Board

Michael Thompson, P.E., JMC

Paolo Cardarelli

FROM: Joseph M. Cermele, P.E., CFM

Kellard Sessions Consulting Consulting Town Engineers

DATE: May 20, 2021

RE: Wetland Mitigation Bond – Bond Release

Paolo Cardarelli 7 Patriots Farm Court

Section 102.03, Block 2, Lot 15

This office received a letter and attachments from JMC, dated May 3, 2021, requesting a release of the Wetland Mitigation Planting Bond relating to the wetland mitigation for the above-referenced project. The Wetland Mitigation Planting Bond was required as a condition of the Site Plan and Wetland Permit Resolution Approval granted by Resolution of the Planning Board on December 10, 2018 for the construction of the new inground pool, patio and pool house. More specifically, a Wetland Mitigation Planting Bond was required to ensure completion of the mitigation plantings, as well as to maintain said plantings for a period of five (5) years (see attached Wetland Mitigation Bond Recommendation Memorandum, dated January 9, 2019). The applicant provided the original Wetland Mitigation Planting Bond in the amount of \$29,535.55, as well as a second bond for the 5-year maintenance and monitoring plan in the amount of \$4,025.00.

The applicant has requested a release of the original Mitigation Planting Bond in the amount of \$29,535.55. Upon review of the completed work and the certification and initial monitoring report provided by the Landscape Architect, this office is amenable to release of the Mitigation Planting Bond. We note that the second bond for the 5-year maintenance and monitoring plan, in the amount of \$4,025.00, should be maintained for the full duration of the monitoring period to ensure successful implementation of the mitigation plan. If the Planning and Town Boards are amenable, it would be our recommendation that the Wetland Mitigation Plantings Bond (\$29,535.55) be released.

CIVIL ENGINEERING | LANDSCAPE ARCHITECTURE | SITE & ENVIRONMENTAL PLANNING

North Castle Planning Board May 20, 2021 Page 2 of 2

Should you find any information contrary to this recommendation, or if there are any questions, please feel free to contact me directly.

JMC/dc



Site Planning
Civil Engineering
Landscape Architecture
Land Surveying
Transportation Engineering

Environmental Studies Entitlements Construction Services 3D Visualization Laser Scanning

May 3, 2021

Mr. Joseph Cermele, P.E. Kellard Sessions Consulting, PC 500 Main Street Armonk, NY 10504

RE:

JMC Project 18101 7 Patriots Farm Court Town of North Castle, NY

### **Wetland Mitigation Plantings**

Dear Mr. Cermele:

In accordance with the "Town of North Castle Planning Board Approval Resolution," dated 12/10/18, JMC performed a field observation on April 21, 2021 at the above referenced property to determine if the wetland mitigation was implemented in accordance with the approved landscaping / wetland mitigation plan (JMC Drawing L-100 "Landscaping," last revised 12/17/2018).

As approved, the wetland mitigation for the project involved removal of invasive species, specifically vines along the southern property line adjacent to the driveway. Most of the vines have been removed, with a small portion currently being removed.

There was a small area of planting where the vines were removed, that did not receive proposed plantings due to rocks and boulders in that area. These plantings were placed within the wetland buffer at the rear of the property with the other proposed wetland plantings.

Field changes were made based on existing conditions, with plants all being located within the wetland buffer to further enhance the buffer. Based on our field observations and coordination with the Landscaping Contractor, it is our professional opinion that the plantings have been installed in accordance with the approved plan.

We have attached the contractor's invoice for the project, as well as a planting map indicating planting bed for the wetland mitigation. All the plantings are thriving except for some of the rhododendrons.

As depicted in the attached photographs, the wetland mitigation plantings have done very well except for the rhododendron plantings. We have recommended that the applicant continue to monitor the rhododendron's condition to ensure their survival. The applicant does have a drip irrigation system in place which will help ensure plant survival.

In conclusion, it is our professional opinion that the wetland mitigation at the property has been completed in accordance with the approved plan and requirements of the approval resolution. We trust this information is sufficient for your initial acceptance and record. If you have any questions or require additional information, please contact our office at (914) 273-5225

Sincerely,

## JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC

Lucille V. Munz, ASLA Senior Landscape Architect

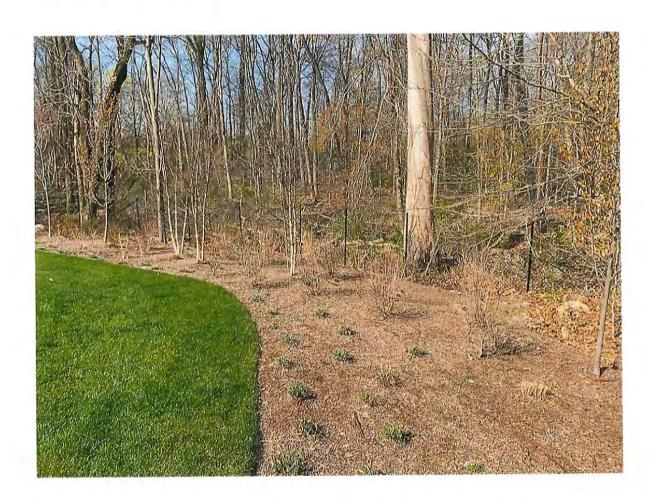
cc:

Mr. Rob Melillo Mr. Adam Kaufman

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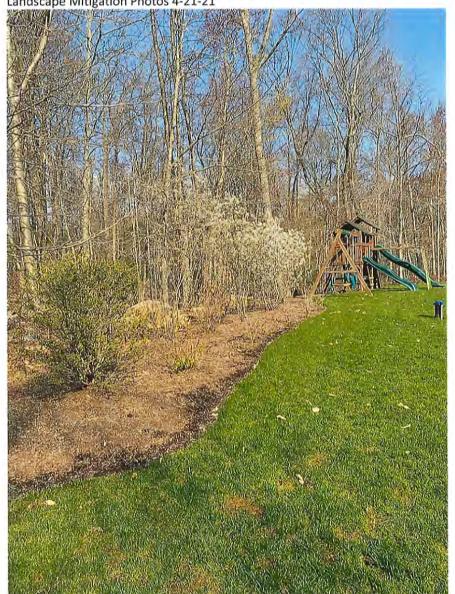
Photo Attachment Cardarelli Residence 7 Patriots Farm Court Landscape Mitigation Photos 4-21-21 Photo Attachment Cardarelli Residence 7 Patriots Farm Court Landscape Mitigation Photos 4-21-21



Cardarelli Residence 7 Patriots Farm Court Landscape Mitigation Photos 4-21-21

Photo Attachment

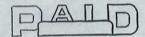
Photo Attachment Cardarelli Residence 7 Patriots Farm Court Landscape Mitigation Photos 4-21-21





# DOMENICK BULFAMANTE and SONS, INC.

94 1st STREET New Rochelle, NY 10801 914-636-0722



SUBMITED TO: Vorcom Internet Services, Inc.		PHONE:	DATE: 6/30/2020	HDS II	
STREET: 89 Edison Ave		ATTENTION:			
CITY, STATE AND ZIP CODE: Mt. Vernon, NY 10550		JOB LOCATION:			
ARCHITECT:	DATE OF PLANS:	EMAIL:	JOB PHONE:		

## **Invoice**

andscaping	Budget, veri	fy price with nursery							
Trees									
Shadblow Serviceberry Multitrunk		8-10'	7.00		\$ 615.00		4,305.00		
River Birch		8-10'	6.00	ea	\$ 475.00	\$	2,850.00		
Deciduous Trees									
Red Maple	2	2-2 1/2" Cal	3.00	ea	\$ 650.00	\$	1,950.00		
Shrubs									
Butterfly Milkweed		10 gal.	26.00		\$ 25.00		650.00		
Buttonbush		5 gal.	10.00		\$ 65.00		650.00	-	
Summer Sweet Clethra		3 gal.	15.00	ea	\$ 65.00		975.00		
Gray Dogwood		3 gal.	6.00	ea	\$ 80.00	6.4	480.00		
Purple Coneflower		1 gal.	20.00	ea	\$ 25.00	\$	500.00		
Dwarf Fothergilla		3 gal.	3.00	ea	\$ 90.00	\$	270.00		
Common Witch Hazel		3 gal.	13.00	ea	\$ 85.00	\$	1,105.00		
Oakleaf Hydrangea	2	1/2 - 3' Ht	21.00	ea	\$ 90.00	\$	1,890.00		
Compact Inkberry		3-4'	5.00	ea	\$ 95.00	\$	475.00		
Winterberry		3 gal.	6.00	ea	\$ 85.00	\$	510.00		
Henrys Garnet Sweetspire		3 gal.	7.00	ea	\$ 85.00	\$	595.00		
Henry's Garnet Sweetspire		7 gal	16.00	ea.	\$ 160.00	\$	2,560.00		
Northern Bayberry		3 gal.	16.00	ea	\$ 85.00	\$	1,360.00		
Rose Bay		3-4'	8.00	ea	\$ 265.00	\$	2,120.00		
Arrowwood Viburnum		4-5'	8.00	ea	\$ 265.00	\$	2,120.00		
Ground Covers									
New York Aster		1 gal.	74.00		\$ 20.00		1,480.00		
Pennsylvania Sedge		1 gal.	42.00		\$		840.00		
Savannah Joe-Pye Weed		1 gal.	24.00	ea	\$ 25.00	1	600.00		
Cinnamon		2 qt.	112.00		\$ 20.00		2,240.00		
Black Eyed Susan		1 gal.	35.00	ea	\$ 25.00	\$	875.00		
Grasses - Switch grass		2 gal	19.00	ea	\$ 38.00	\$	722.00		
Top soil	100	yds	100.00	yd	\$ 70.00	\$	7,000.00		
Mulch	included								
								\$	39,122.0