

# STAMSKI AND MCNARY, INC.

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## PRINCIPALS

JOSEPH MARCH, P.E., P.L.S.  
GEORGE DIMAKARAKOS, P.E.

November 17, 2020

## ASSOCIATE

JONATHAN BOLLEN, P.L.S.

Concord Zoning Board of Appeals  
141 Keyes Road  
Concord, MA 01742

Re: 246 Old Road to Nine Acre Corner –  
Earth Removal Special Permit Application

Members of the Board,

On behalf of our client, Concord Country Club, we have revised the Irrigation Pond Plan, dated November 16, 2020. The plan has been substantially revised so that no further earth removal is proposed; the applicant now seeks only the approval for the approximately 1,200 yards of material that has already been removed from the site. Changes have also been made in response to comments received via a memorandum from Justin Richardson to Elizabeth Hughes, dated October 1, 2020:

### **Engineering Division Comments:**

1. The location of TP 6-1 and its elevation have been corrected. The pond bottom has been revised to hold a minimum of 4' to the estimated seasonal high groundwater table.
2. The pond design has been revised to hold a minimum of 4' to the estimated seasonal high groundwater table. The high groundwater elevation has interpolated between TP 6-1 and TP 7-2 to determine the high groundwater elevation between these points.
3. The Irrigation Pond Plan has been revised to hold a minimum of 4' to the estimated seasonal high groundwater table.

### **Water/Sewer Comments**

Responses to water and sewer division comments will be provided under separate cover.

Additionally, we offer the following in response to comments received via memorandum from Delia Kaye, Natural Resources Director, to Elizabeth Hughes, Town Planner, dated October 1, 2020:

### **Recommendations:**

1. Alternative pond locations are provided with the original application.
2. The applicant will work with Natural Resources to generate a replanting plan for the referenced area.
3. Current Water Resource Conditions noted in the Soil Suitability Forms were taken from the USGS Groundwater Watch website for Station 422812071244401. This station is continuously monitored and show groundwater levels within the normal range in June and July, 2020. This information is inconsequential to the application as seasonal high groundwater elevations were determined via soil mottles in the field, as is standard practice.

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Lastly, we offer the following in response to comments made in a letter from Walter Latta Jr., Assistant Fire Chief, dated October 5, 2020:

- A NFPA 241 Site Safety Plan will be provided to the fire department prior to the resumption of work.
- The applicant will work with the fire department to maintain the existing construction access road from Williams Road as an emergency access point.

If you have any questions regarding this matter, please feel free to call.

Respectfully,  
Stamski and McNary, Inc.



Paul Kirchner, E.I.T.



George Dimakarakos, P.E.

# Cut/Fill Report

**Generated:** 2020-11-19 07:28:34  
**By user:** Paul.Kirchner  
**Drawing:** Z:\4600-4699\4621B\CAD DRAWINGS\2020\Z:\4600-4699\4621B\CAD DRAWINGS\2020\4621B.POND3.WPP.G.2.cutfill.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
CUTFILL	full	1.120	1.000	183247.87	25784.22*	25784.21	0.01*

Totals							
				2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total				183247.87	25784.22*	25784.21	0.01*

\* Value adjusted by cut or fill factor other than 1.0