

FIELD REPORT

Nitsch Project #:	12808	Date:	March 9, 2020
Client:	Pine Hill Village, LLC	Time:	9:30 AM
Project:	Pine Hill Development	Location:	Harvard, Massachusetts
Weather:	65°F, Sunny		
Present:	Liz Allard – Conservation Agent, Town of Harvard Chad Potvin – Potvin Excavating, LLC Steven Ventresca – Nitsch Engineering Gavin Graham – Nitsch Engineering		

Nitsch Engineering performed a site visit after a stop work order was issued following three (3) violations of Condition 3.9 of the Comprehensive Permit. Additionally, concerns were raised about activities on site that necessitated a site walk.

There was a large rock unearthed in the Pine Banks constructed wetland that is too big to remove without breaking it into smaller pieces (See Figure 1). Potential solutions include hammer drilling the rock down to the proper grade, dynamite blasting the rock, or increasing the size of the constructed wetland to compensate for the rock being within it. With hammer drilling or dynamite blasting the rock, there are concerns of noise given the proximity to abutters. It was decided that hammer drilling the rock would suffice. If there are any noise concerns, the Contractor and Conservation Agent will revisit other solutions.

The stone material used for the roadway was also an issue of concern, as previous site visits indicated the stone was too large to be used for subbase (See Figure 2). However, after discussion with the Contractor and Developer (Peter Cricones) it became known that the larger stone material was to be used for the driveway subbase. It was determined that this stone size was suitable for use for this purpose.

The material used for grading the edges of the road was also in question, as it appeared there were too many voids in the material for it to be suitable for the purposes of the design (See Figure 3). After further observation, it was determined the material was suitable for the edges of the road.

Past Recommended Items to be Completed:

1. N/A

New Recommended Items to be Completed:

1. N/A

Ongoing Recommendations:

1. Contractor to maintain stabilized construction entrance.
2. Contractor to maintain erosion control barriers.

Figure 1: Constructed Wetland with ledge or boulder



Figure 2: Stone fill outside roadway base



Figure 3: Looking at site from cul-de-sac



Please do not hesitate to contact me with any questions or concerns.

Gavin Graham
Project Designer

GNG/ajc