

FIELD REPORT

Nitsch Project #:	12808	Date:	May 29, 2020
Client:	Pine Hill Village, LLC	Time:	1:30 PM EST
Project:	Pine Hill Development	Location:	Harvard, Massachusetts
Weather:	Partly Cloudy, 80°F		
Present:	Gavin Graham – Nitsch Engineering		

The purpose of this site visit was to observe general site condition, observe general construction activities, and to observe erosion and sedimentation control measures. This site visit satisfies the weekly site visit requirement by Nitsch Engineering. The Developer has been working on the septic systems and foundations in the Pine Bank Neighborhood.

The following was noted:

1. Foundation drains were observed buried under dirt such that moving them is infeasible. Foundation drains are not connected to the closed drainage system but rather directed towards the edge of the property facing away from the back of the foundation structures.



Picture 1



Picture 2



Picture 3



Picture 4

Past Recommended Items to be Completed:

1. At bioretention cell near entrance on Stow Road, contractor to confirm pipe invert and compare it to bioretention grades such that water flows as intended.
2. Implement additional erosion control measures behind the large mound of fill material behind Building 5. It is advised to add wattles in front of and behind the erosion control fence.
3. Repair sections of the erosion control fence that are damaged in the Pine Banks Neighborhood, specifically near the constructed wetlands and behind Building 1.
4. Implement erosion control measures in the bottom of bio-retention system to prevent sedimentation of any partially completed bio-retention systems.

New Recommended Items to be Completed:

1. Connect foundation drains to closed drainage system or appropriate outfall appropriate with the Conservation Agent and Building Inspector.

Ongoing Recommendations:

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

If there are any questions, please do not hesitate to contact Nitsch Engineering.



Gavin Graham
Project Designer

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Disclaimer: Nitsch Engineering performed this site visit in compliance with the guidelines and requirements of the Commonwealth of Massachusetts COVID-19 Guidelines and Procedures for All Construction Sites and Workers at All Public Work dated March 2020 (COVID-Construction Safety Guidance) and with the COVID-19 guidelines and requirements issued by the CDC and OSHA. However, Nitsch Engineering's services DO NOT include observations for compliance of the general contractor and/or the construction site with the COVID-19 Construction Safety Guidance and with the COVID-19 guidelines and requirements issued by the CDC and OSHA. Jobsite/worker safety duties belong with the general contractor who has control of the jobsite and responsibility for constructing the project, including the implementation and compliance of the COVID-19 Construction Safety Guidance. Neither the professional activities of Nitsch Engineering, nor the presence of Nitsch Engineering or its employees and subconsultants at a construction/project site, imposes any duty on Nitsch Engineering, nor relieve the General Contractor of its obligations, duties and responsibilities including health or safety precautions required by any regulatory agencies.