

# MORRIS COUNTY SOIL CONSERVATION DISTRICT



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[www.MCSCD.org](http://www.MCSCD.org)

Mr. James E. Henry, PE, PP  
Dynamic Engineering Consultants, P.C.  
1904 Main Street  
Lake Como, NJ 07719

May 6, 2021

Re: Institutional Building – House of Worship  
Borough of Madison  
Block(s): 3101, Lot(s): 21  
MCSCD: 2021-12094

Dear Mr. Henry:

The subject Soil Erosion and Sediment Control Plan has been reviewed for compliance with the Standards for Soil Erosion and Sediment Control in New Jersey. Based upon that review, please provide the following information:

1. Include Soil Types on the Soil Erosion and Sediment Control Plan.
2. The location of the sediment barrier should align with the limit of disturbance on the plan.
3. Include notes for Dust Control on the plan.
4. Include pre and post development drainage calculations.
5. Provide calculations for the proposed seepage pits. In accordance with the standard for Detention Basins (13-1 – 13-3), When Infiltration practices are proposed, an alternate analysis must be provided which ignores infiltration and demonstrates that no erosion will occur at the point of discharge if infiltration fails to function.
6. This project will need a 5G3 from the NJDEP.
7. Please revise the plan to show soil compaction testing and mitigation areas per the Soil Restoration Act of 2010.c.113. Review the Standard for Land Grading, sheet 19-2, to determine what areas on your project fall within this threshold and/or if the project is exempt from this requirement. Areas of the site subject to compaction testing and/or mitigation shall be graphically denoted on the soil erosion control plan with the total area subject to testing and appropriate notes and details included.

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Pursuant to the New Jersey Soil Erosion and Sediment Control Act, Chapter 251, P.L. 75 as amended, the Morris County Soil Conservation District has deemed the subject application incomplete. Please include a cover letter indicating where items have been addressed.

If you have any questions regarding this matter, please do not hesitate to contact this office.

Sincerely,



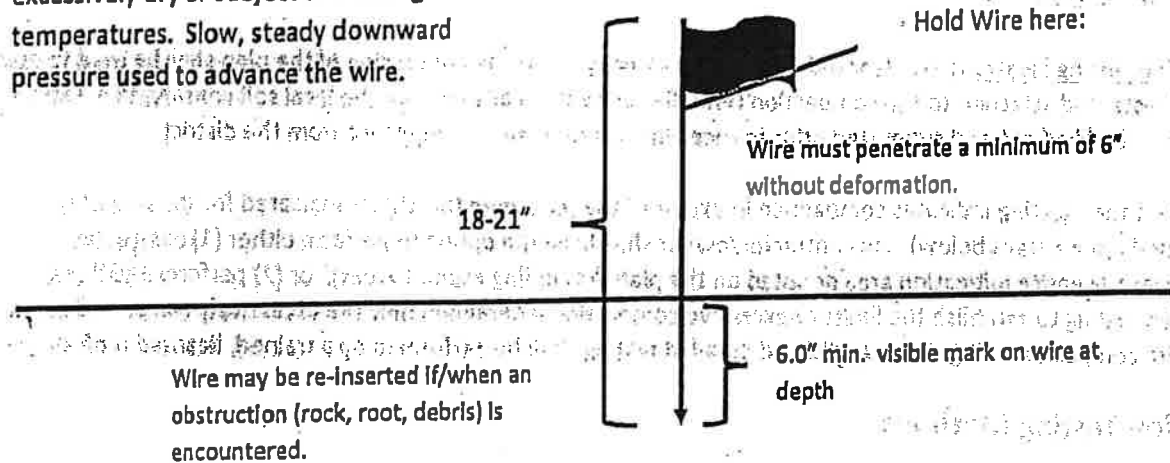
Sheila Hall, CPESC  
Resource Conservationist

Cc: Applicant  
Borough of Madison:  
Construction Code Official  
Municipal Engineer  
Planning Board

## Simplified Testing Methods

### Probing Wire Test- 15.5 ga steel wire (survey flag)

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.



### Handheld Soil Penetrometer Test

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the probe. Probe must penetrate at least 6" with less than 300 psi reading on the gage.

