

**EARTH REMOVAL STORMWATER ADVISORY COMMITTEE
TUESDAY, AUGUST 2, 2016, 7:00 PM
MINUTES**

Chairman Edward Perkins called the meeting to order at 7:00 PM in the Town Hall

Members present: Perkins, Capes, Delaney, Hanninen, and McHugh

NESSP TEMPLE MODIFICATION

The Committee met with, Scott Nelson of Mistry Associates representing the NESSP Temple to discuss proposed modifications to the site plan. Stormwater Inspector Michelle Collette and engineer Tim McGivern met with Mr. Nelson to go over the details of the proposed modification at Town Hall a week ago. The Committee received a report dated July 29, 2016 from Nitsch Engineering stating that the proposed changes to the drainage system are minor and that there would be less impervious area.

The motion was made by Delaney, seconded by Hanninen, to approve the proposed modification entitled, "Site Plan, New England Shirdi Parivaar Temple," dated February 21, 2014, revised June 15, 2016, with additional revisions prepared by Mistry Associates, dated June 17, 2016, and drainage sketch D2, dated July 11, 2016. The Committee determined, after review and consultation with Nitsch Engineering, that the modifications to the roadway layout and stormwater system appear to be relatively minor and the changes result in a reduction of impervious areas. The motion passed unanimously.

MINUTES

The Committee voted unanimously to approve the minutes of June 21, 2016 and July 19, 2016.

STORMWATER INSPECTOR'S REPORT

Stormwater Inspector Michelle Collette reported on the following projects:

Indian Hill Music had dust problems when the existing house was demolished and the concrete foundation was removed. The site is now connected to Town water and has a water truck on the site to control dust. The contractor is using a new environmentally sensitive treatment with applications of polyacrylamide to control dust.

Earth Removal Exemptions - Ms. Collette said she issued Earth Removal Exemptions for Lawrence Academy and Boynton Meadows to remove less than 500 cubic yards of excess earth material from each construction site.

PUBLIC HEARING – GROTON SCHOOL STORMWATER PERMIT

The Committee continued the public hearing to consider the application submitted by Groton School to construct a new access drive to the athletic center as shown on the plan entitled, "Groton School, North Entry Road," prepared by Samiotes Consultants, Inc., dated November 3,

2015. The proposed access road will be located at Assessors' Map 219, Parcel 9, and Map 107, Parcel 16, on the westerly side of Farmers Row.

Attorney Robert Collins represented Groton School at the public hearing. Attorney Collins reiterated that the plan will create a new access road from Farmers Row to the athletic center to accommodate buses and logging trucks. Attorney Collins submitted a new plan dated July 26, 2016 and a response from design engineer Samiotes dated July 29, 2016. The Committee received a report dated August 2, 2016 from Nitsch Engineering. Attorney Collins submitted a letter dated August 2, 2016 requesting waivers of the installation of a trash rack and slight reduction in the storage volume of the detention basin. The basin is surrounded by property owned by Groton School so there will not be any impact on abutters or the public way.

The Committee voted unanimously to close the public hearing.

The motion was made by Hanninen, seconded by Delaney, to grant a Full Stormwater Permit with the following findings, waivers, and conditions:

Finding of Significance

The Earth Removal Stormwater Advisory Committee determined that the proposed project is significant to the interests stated in Chapter 198, Section 1 Purposes, including:

It has been determined that proper management of construction sites and post-development stormwater runoff will prevent damage to public and private property and infrastructure, safeguard the public health, safety, environment and general welfare, protect water and aquatic resources, promote groundwater recharge to protect surface and groundwater drinking supplies, and encourage the appropriate use of the land throughout the Town.

Waivers:

The Committee voted to grant the following waivers of the Stormwater Regulations:

Section 352-F(2)(f) to allow a minimal decrease in volume storage of the detention basins as outlined in Nitsch Engineering's letter dated August 2, 2016, comment #6, and as requested in the letter dated August 2, 2016 from Attorney Collins. The basins are located in the large parcel owned by the applicant and are not in the vicinity of any abutting properties.

Special conditions:

At its regular meeting on August 2, 2016 the Earth Removal-Stormwater Advisory Committee voted to grant the permit with the following conditions:

1. Construction shall be done in accordance with the above-referenced plans and construction sequencing.
2. The construction entrance shall be stabilized for a minimum distance of 50 ft as shown on the "Construction Entrance" detail from the "Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas." The crushed stone shall be replenished as needed to prevent tracking sediment on the public way.

3. All work shall be done in compliance with the "Massachusetts Department of Environmental Protection - Stormwater Management, Volume One: Stormwater Policy Handbook, and Volume Two: Stormwater Technical Handbook," dated February 2008.
4. It is the applicant's responsibility to prevent the products of erosion and sedimentation from reaching Farmers Row and causing a safety hazard on the public way. There shall be no net increase in runoff or erosion to the public ways, the municipal storm drain system, or abutting properties.
5. The limits of disturbance shown on the plan shall be well delineated in the field with erosion control barriers in the locations shown on the above-referenced plan. The limit of work not delineated by erosion control barriers shall be delineated with yellow flagging to prevent disturbance. These barriers and flagging shall be maintained throughout construction to prevent any disturbance to the vegetation or topography beyond the limits of disturbance.
6. The applicant shall install appropriate measures to prevent trash/debris from entering pipes.
7. All disturbed areas and stockpiles must be properly stabilized. A supply of erosion control materials shall be kept on site to stabilize disturbed areas.
8. During construction, no slope shall be any steeper than 2:1, including any open cellar holes, to prevent any potential public safety hazard. All excavations are to be done according to the latest version of the U.S. Department of Labor, Occupational Safety and Health Administration, 29 CFR 1926, Safety and Health Regulations for Construction, Subpart P – Excavations.
9. Catch basins shall be protected with erosion control barriers and siltation sacks during construction to prevent the basins from becoming clogged with sand and silt.
10. The applicant shall take effective measures to control dust and windblown erosion at all times. All topsoil shall be stockpiled on the site. Erosion control barriers shall be installed around the base of the stockpile. The stockpiles shall be seeded to prevent dust and wind-blown erosion.
11. The applicant shall comply with the Construction Sequencing Plan dated June 6, 2016, and as detailed the SWPPP and the NPDES Construction General Permit. The applicant shall keep a log of spring and fall maintenance activities.
12. The applicant shall comply with the Operation and Maintenance Plan entitled, "Groton School North Entry Road, Construction Period Pollution Prevention Plan and Erosion Operation and Maintenance Plan," dated November 2015. The applicant shall keep a log of spring and fall maintenance activities.
13. After a project is issued a Certificate of Completion the Responsible Party or Owner as listed in the Long Term Operation and Maintenance Plan shall submit annual BMP Inspection and Maintenance logs to the Committee and if applicable an updated Long Term Operation and Maintenance Plan on or before June 1st annually^{as} required in Section 352-6D.
14. The applicant must submit any proposed change in the above referenced plans to the Earth Removal-Stormwater Advisory Committee for its review and approval before the change is implemented.

15. The removal of any excess earth material from the site requires a Certificate of Exemption from the Earth Removal By-law, Chapter 134 of the Code of the Town of Groton. Chapter 134, Section 10 Exemptions.
16. The applicant is responsible for obtaining any other permits (including but not limited to) those required by the Board of Selectmen, Board of Health, Conservation Commission, Building Commissioner, DPW Director, Planning Board and Zoning Board of Appeals.
17. It is the applicant's responsibility to ensure that the contents of this permit are made known to all contractors who perform work at this site.
18. It is the applicant's responsibility to contact Dig Safe prior to the commencement of any work at the site. The applicant is responsible for obtaining a trench permit, if required by G.L. c. 82A §1 and 520 CMR 7.00 et seq (as amended).
19. The applicant will notify the Earth Removal Stormwater Inspector at least 48 hours prior to the commencement of construction. Additionally, the applicant will provide the Earth Removal Stormwater Inspector with emergency contact information for all site contractors.
20. If the project is not completed within two (2) years from the date the permit is issued, it is the responsibility of the applicant to request an extension. The Committee may grant extensions for additional time provided that the applicant submits a written request for renewal no later than 30 days prior to expiration of the permit.
21. The applicant is required to obtain a Certificate of Completion as required in Section 352-5A Project Completion which states:

“When the construction of a project is completed, the applicant shall request that the Committee conduct a final inspection. For full stormwater management permits, the applicant must submit a statement from a registered professional engineer certifying that the project was completed in accordance with the approved plans and construction conditions of the permit. The applicant shall also submit an on-the-ground surveyed as-built plan prepared by a professional land surveyor. The Committee shall determine whether the project complies with the approved plans, construction conditions of the permit, and Chapter 198, Stormwater Management. If completion is satisfactory, the Committee shall issue a Certificate of Completion. “
22. This permit runs with the land and applies to any successor in interest or successor in control.

The motion passed unanimously.

PUBLIC HEARING – GROTONWOOD MEMORIAL LODGE

In accordance with the provisions of Chapter 198 of the Code of Groton, the Earth Removal Stormwater Advisory Committee held a public hearing to consider the application submitted by the American Baptist Churches of Massachusetts (TABCOM) for a limited stormwater permit for the replacement of the Memorial Lodge as shown on the plan entitled, “Site Plan/Building Plan, Groton, Massachusetts,” prepared by Ducharme and Dillis Civil Design Group, dated July 1, 2016. The proposed building will be located at 189 Prescott Street, Assessors' Map 117, Parcel 19, on the easterly side of Prescott Street.

Attorney Robert Collins represented the applicant at the public hearing.

Attorney Collins presented the plan to construct a new dormitory and offices at the Grotonwood camp site. The new building will replace the dormitory that was destroyed by fire months ago. Attorney Collins said the original, three-story building will be replaced by a two-story building constructed on grade with access to the first floor and second floor from grade level. The building will be fully accessible and all ADA and Architectural Access Board requirements will be met. Handicapped parking spaces and paved walked ways will be provided. Fire sprinklers will be installed as required by the Building Code. The first floor will contain secure offices and the second floor will contain the bedrooms.

Attorney Collins said the soils are all sand and gravel that drain well. Drainage will be directed toward the new sewage disposal system. Erosion control barriers and a construction fence are in place. A drip line will be installed for roof runoff.

Ms. Collette requested that the erosion control be continued along the entire length of the construction fence on the downgradient side. Attorney Collins agreed.

Member Hanninen requested that erosion control be installed along the downgradient side of the new sewage disposal system and that swales be installed along the new pavement to control runoff. Attorney Collins agreed.

The Committee voted unanimously to close the public hearing.

The motion was made by Delaney, seconded by McHugh, to grant a Limited Stormwater Permit with the following findings, waivers, and conditions:

Finding of Significance

The Earth Removal Stormwater Advisory Committee determined that the proposed project is significant to the interests stated in Chapter 198, Section 1 Purposes, including:

It has been determined that proper management of construction sites and post-development stormwater runoff will prevent damage to public and private property and infrastructure, safeguard the public health, safety, environment and general welfare, protect water and aquatic resources, promote groundwater recharge to protect surface and groundwater drinking supplies, and encourage the appropriate use of the land throughout the Town.

Special conditions:

At its regular meeting on August 2, 2016 the Earth Removal-Stormwater Advisory Committee voted to grant the permit with the following conditions:

1. Construction shall be done in accordance with the above-referenced plans and construction sequencing.
2. The construction entrance shall be stabilized for a minimum distance of 50 ft as shown on the "Construction Entrance" detail from the "Massachusetts Erosion and Sediment Control Guidelines for

Urban and Suburban Areas.” The crushed stone shall be replenished as needed to prevent tracking sediment on the public way.

3. All work shall be done in compliance with the “Massachusetts Department of Environmental Protection - Stormwater Management, Volume One: Stormwater Policy Handbook, and Volume Two: Stormwater Technical Handbook,” dated February 2008.
4. It is the applicant’s responsibility to prevent the products of erosion and sedimentation from reaching Prescott Street and causing a safety hazard on the public way. There shall be no net increase in runoff or erosion to the public ways, the municipal storm drain system, or abutting properties.
5. Work shall not go beyond the limits of disturbance shown on the above-referenced plan. The staked straw wattles shall be maintained throughout construction to prevent any disturbance to the vegetation or topography beyond the limit of disturbance.
6. Straw wattles shall be installed along the down-gradient side of the construction fence within the fenced in area. The fence shall be used to hold the straw wattles in place. Additional erosion control shall be installed long the down-gradient side of the new sewage disposal system during installation of the system. These straw wattles shall be staked as depicted in the detail shown on the plan.
7. All disturbed areas and stockpiles must be properly stabilized. A supply of erosion control materials shall be kept on site to stabilize disturbed areas.
8. The applicant shall take effective measures to control dust and windblown erosion at all times
9. The applicant must submit any proposed change in the above referenced plans to the Earth Removal-Stormwater Advisory Committee for its review and approval before the change is implemented.
10. The removal of any excess earth material from the site requires a Certificate of Exemption from the Earth Removal By-law, Chapter 134 of the Code of the Town of Groton. Chapter 134, Section 10 Exemptions.
11. The applicant is responsible for obtaining any other permits (including but not limited to) those required by the Board of Selectmen, Board of Health, Conservation Commission, Building Commissioner, DPW Director, Planning Board and Zoning Board of Appeals.
12. It is the applicant’s responsibility to ensure that the contents of this permit are made known to all contractors who perform work at this site.
13. It is the applicant’s responsibility to contact Dig Safe prior to the commencement of any work at the site. The applicant is responsible for obtaining a trench permit, if required by G.L. c. 82A §1 and 520 CMR 7.00 et seq (as amended).
14. The applicant will notify the Earth Removal Stormwater Inspector at least 48 hours prior to the commencement of construction. Additionally, the applicant will provide the Earth Removal Stormwater Inspector with emergency contact information for all site contractors.

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15. If the project is not completed within two (2) years from the date the permit is issued, it is the responsibility of the applicant to request an extension. The Committee may grant extensions for additional time provided that the applicant submits a written request for renewal no later than 30 days prior to expiration of the permit.

16. This permit runs with the land and applies to any successor in interest or successor in control.

The motion passed unanimously.

Meeting adjourned at 8:00 PM

Respectfully submitted,

Michelle Collette
Earth Removal Stormwater Inspector