

**EARTH REMOVAL STORMWATER ADVISORY COMMITTEE
TUESDAY, APRIL 2, 2019, 7:00 PM
MINUTES**

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

Members present: Edward Perkins, Tom Delaney, Bob Hanninen, and Eileen McHugh

Member absent: George Barringer

PUBLIC HEARING – KILBOURN PLACE, 240 MAIN STREET

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 for a Limited Stormwater Management Permit submitted by Kilbourn Place, LLC, for renovation of an existing building, construction of a new parking lot, and installation of a new drainage system as shown on the plan entitled, "Site Plan, 240 Main Street, Groton, Massachusetts," prepared by Ducharme & Dillis Civil Design Group, dated March 13, 2019. The proposed project will be located on Assessors' Map 112, Parcel 90, on the easterly side of Main Street.

Chairman Perkins called the public hearing to order and read the legal notice published in *the Groton Herald* on March 22, 2019. Attorney Robert Collins and design engineer Stan Dillis presented the plan.

Attorney Collins described the plan to redevelop the site formerly occupied by Donelan's Supermarket. The applicant plans to repurpose the existing building as shown on the plans and elevations prepared by architect Dan Quayle of Lincoln Architects. The site plan must also be approved by the Planning Board, and a variance must be granted by the Zoning Board of Appeals for a structure larger than 2000 SF in the Village Center Business zone. The site is all impervious surface with the existing building and parking lot.

Mr. Dillis said 90% of the site is impervious. The new plan will remove 375 SF of pavement. The three existing catch basins will be replaced and tied into the municipal stormwater system in Main Street. Two rain gardens will be installed as shown on the plan.

Member McHugh asked how the water would get to the rain garden. Mr. Dillis said by sheet flow. There will be no curbs.

Member Delaney said when they work on the catch basins, they must be sure the pipes to Main Street are in good shape. Mr. Dillis agreed.

Member Hanninen asked how much pavement would be removed. Mr. Dillis said 375 SF.

Member Hanninen asked if the Committee should wait to see if there would be any changes to the plan before closing the public hearing. Attorney Collins requested that the Committee close the hearing and issue the permit.

Stormwater Inspector Michelle Collette said the Committee should require that the Town have an easement to repair the stormwater management system if it fails because it will be tied into the Town's system. The repairs would be done at the expense of the property owner. Attorney Collins agreed.

The Committee voted unanimously to close the public hearing.

The motion was made by Hanninen, seconded by Delaney, to grant the permit with the following conditions:

1. The applicant agreed to grant a "Stormwater Management Easement" to the Town to allow the Town and its agents to access to the stormwater management system to maintain, or repair the system due to the failure of the developer or condominium association or any agent thereof to adequately operate, maintain, or repair the same. The developer or condominium association or any agent thereof shall be required to reimburse the Town for any expenses the Town incurs in such operations, maintenance or repair. The final easement shall be reviewed and approved by Town Counsel prior to execution by the Town.
2. This stormwater permit shall not be in effect until the Stormwater Management Easement is recorded at the Middlesex South Registry of Deeds. As required in GL Chapter 40A, Section 11, and Groton Zoning By-Law Section 218-32.1. No construction or site alteration shall commence until evidence of such recording is submitted to the Earth Removal Stormwater Advisory Committee by the applicant.
3. Construction shall be done in accordance with the above-referenced plans.
4. 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.
5. It is the applicant's responsibility to prevent the products of erosion and sedimentation from reaching Main 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.
6. Work shall not go beyond the limits of disturbance shown on the above-referenced plan. The stakes shall be maintained throughout construction to prevent any disturbance to the vegetation or topography beyond the limits of disturbance.
7. All disturbed areas and stockpiles must be properly stabilized. A supply of erosion control material shall be kept on site to stabilize disturbed areas.
8. 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.
9. The applicant shall take effective measures to control dust and windblown erosion at all times.
10. 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.
11. 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.
12. 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 Inspector, DPW Director, Planning Board and Zoning Board of Appeals.

13. It is the applicant's responsibility to insure that the contents of this permit are made known to all contractors who perform work at this site.
14. 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).
15. The applicant will notify the Earth Removal Stormwater Inspector at least 48 hours prior to the commencement of construction. Erosion control measures shall be in place prior to the 48 hour notice to the Stormwater Inspector.
16. 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.
17. This permit runs with the land and applies to any successor in interest or successor in control.

STORMWATER INSEPECTOR REPORT – COMPLIANCE ISSUES

Stormwater Inspector Michelle Collette noted that this is the time of year to visit sites and send letters reminding owners about required inspections and compliance issues.

Ralph Hogan, 225 Pepperell Road – There was a complaint at a recent Select Board meeting regarding flooding on Pepperell Road from the new house constructed by Ralph Hogan. The motion was made by Hanninen, seconded by McHugh, to send a letter to Mr. Hogan reminding him about the outstanding conditions in the Stormwater Permit. The motion passed unanimously.

NESSP Temple, 1003 Boston Road – The Planning Board, Conservation Commission, and Stormwater Committee will walk the site of the NESSP Temple with the Town's consulting engineer from Nitsch Engineering to review outstanding construction issues on April 9, 2018 at 3 PM.

Indian Hill Music, Old Ayer Road – The Committee will request a site visit at Indian Hill Music.

PUBLIC HEARING - OLIVIA WAY STORMWATER PERMIT MODIFICATION

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 for a Full Stormwater Management Permit submitted by the Reedy Meadow, LLC, for modification to the drainage system and flooding remediation as shown on the plan entitled, "Grading Plan in Groton, Massachusetts, Reedy Meadow Estates, Olivia Way," prepared by Land Engineering & Environmental Services, dated March 15, 2019. The proposed project will be located on Assessors' Map 248, Parcels 60-10, 60-13 & 60-14 and Map 248, Parcel 59, off Olivia Way and Red Pepper Lane.

Chairman Perkins called the public hearing to order and read the legal notice published in *the Groton Herald* on March 22, 2019. Applicant Peter Cricones, design engineer Doug Lees, the Committee's engineers Jared Gentilucci of Nitsch Engineering and Matthew Doyon of CEI. Olivia Way residents, members of the Conservation Commission, and State Representative Sheila Harrington were also present.

Mr. Lees presented the plan to remediate flooding on the road and homes on Olivia Way. The plan shows construction of a wet basin on previously disturbed land now owned by the Conservation Commission. The currently flooded area will be excavated by about depth of one foot from elevation 203 ft to 202 ft.

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The side slopes will be 12:1. A 12" overflow pipe will be installed from the Stormtec infiltrator system to the pond. A poly-barrier will be installed behind the house at 10 Olivia Way to divert groundwater from the Stormtec infiltrator on the abutting lot in Pepperell. A 4" PVC pump will be installed from the sump pump in the house at 10 Olivia Way to the Stormtec infiltrator.

Mr. Lees said groundwater elevations changed substantially from 2013 to 2018 when the drainage system was installed. The plantings in the wet basin will be able to tolerate dry conditions. He said he would work with CEI and the Conservation Commission to select the appropriate plants.

Mr. Doyon of CEI said the proposed plan is a good solution to the flooding problems. He presented his report dated April 2, 2019. He said the area from the drainage system in the street to the culvert should not sheet flow over the sidewalk. Ponding and icing would impede access by pedestrians. Mr. Lees said he would revise the plan. Mr. Doyon said the plantings in the wet basins should be reviewed by a wetlands scientist.

Mr. Gentilucci reviewed the email message dated April 2, 2019 outlining the concerns expressed at the Planning Board meeting on March 28, 2019. The Planning Board stressed that ponding at 3 Olivia Way and 5 Olivia Way should be addressed. The poly-barrier behind 10 Olivia Way should be extended 10 ft, the swale should be installed along the 10 Olivia Way property line to divert surface water runoff. He said he agreed with Mr. Doyon's recommendations that there be no sheet flow over the sidewalk.

Conservation Commission member Olin Lathrop asked several questions about the design and plantings in the wet basin on conservation land. He asked what the easement area will be. Mr. Lees said the easement area has been reduced to 16,500 SF.

Member McHugh said CEI commented that the submission did not include the TSS calculations. Mr. Doyon said they are not required by the State. Mr. Lees said he would provide the TSS calculations.

Member McHugh requested that the plantings be specified on the plan. Mr. Lees said sometimes plantings are dependent upon availability.

Member Delaney asked if the pipe at 10 Olivia Way would backup. Mr. Lees said an outlet will be provided to prevent the pipe from backing up.

Stormwater Inspector Michelle Collette asked the design engineer to explain the functionality of the wet basin. Mr. Lees described how the wet basin will be in the water table and will promote nutrient removal. The basin will trap sediments and meet the 80% TSS removal standards. The basin in the water table will support the wetland plantings. The basin is located more than 200 ft from the bordering vegetated wetlands and Reedy Meadow Brook.

Chairman Perkins asked about erosion at 3 Olivia Way and 5 Olivia Way. Mr. Lees said he would address those issues.

Member McHugh asked about a construction sequence and an Operating and Maintenance Plan. Mr. Lees asked if the O & M Plan was submitted with the original subdivision plan. Stormwater Inspector Michelle Collette said she did not think so, but she would check the files.

Mr. George, 13 Olivia Way, said he likes the easement area of 16,500 SF without any tree removal. He asked if the road would still be raised. Mr. Lees said they would super-elevate the road in the area near the catch basins.

The Committee voted unanimously to continue the public hearing on April 16, 2019 at 7:00 PM.

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BOYNTON MEADOWS, 134 MAIN STREET

The Committee met with homeowners Cindy Boyle and Bill Merritt regarding outstanding construction issues at Boynton Meadows condominium complex. The developer is no longer working at the site and left many items unfinished including no final pavement, the drainage system is incomplete, broken pipes, deteriorating asphalt, erosion problems at the viewing area between #24 and #27 Blacksmith Row, and no plantings in the rain garden.

The Committee will visit the site on Saturday, April 13 2019 at 7:30 AM and will meet at the Town Hall at 8:00 AM to discuss the outstanding issues.

Meeting adjourned at 8:45 PM

Respectfully submitted,

Michelle Collette
Earth Removal Stormwater Inspector