

**EARTH REMOVAL STORMWATER ADVISORY COMMITTEE
TUESDAY, AUGUST 27, 2019 at 7:00 PM
MINUTES**

Chairman Perkins called the meeting to order at 7:00 PM at the Groton Electric Light Department Conference Room

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

Member absent: George Barringer and Eileen McHugh

PUBLIC HEARING (con't) – VILLAGE MEADOWS, 372 TOWNSEND ROAD

Chairman Perkins called the continuation of the public hearing to order to consider the Village Meadow subdivision at 372 Townsend Road. Design engineer Frank McPartlan of Ducharme and Dillis, and Jared Gentilucci of Nitsch Engineering, the Committee's consulting review engineer, were present.

Mr. McPartlan presented the revisions to the definitive subdivision plan to create nine (9) lots on 35.78 acres off Townsend Road. The lots will be served by water from the West Groton Water Supply District and on-site sewage disposal systems. The site is located in a Water Resource Protection District. The infiltration system requires a waiver of Section 352-11C (10).

Mr. McPartlan said the revised plan shows a regrading of the intersection of the subdivision road and Townsend Road. The spillway of the infiltration basin has been revised to direct the overflow in two directions with level spreaders that are each 100 ft wide. This revision will handle the 100-year storm.

Member Hanninen asked if there is any danger of flooding existing homes on Townsend Road. Mr. McPartlan said, "no." Mr. Gentilucci agreed and noted that the level spreaders would decrease the flowrate. He also said the grading changes to the intersection were acceptable.

Mr. Gentilucci said the outstanding items include the reconfiguration of the bottom on the infiltration basin to meet the required two-ft separation from groundwater. He recommended that the 18" of loamy, sandy soils be removed to have infiltration in the sand and gravel soils.

Additionally, Mr. Gentilucci recommended that a note be added to the plan regarding the compaction of the sediment in the infiltration basin.

The Committee discussed whether to close or continue the public hearing. The Planning Board had not started to review the plan yet, so the Committee decided to keep the public hearing open in case there were any substantial revisions to the plan.

The motion was made by Hanninen, seconded by Delaney, to continue the public hearing on September 17, 2019 at 7:00 PM. The motion passed unanimously.

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Member Delaney left the meeting to attend a Conservation Commission meeting. The Committee voted unanimously to adjourn the meeting until 7:45 PM.

Member Delaney returned to the meeting at 8:10 PM.

Chairman Perkins reconvened the meeting at 8:15 PM.

PUBLIC HEARING – SIVA TEMPLE, 584 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 Full Stormwater Management Permit submitted by Paravati Parameswara Temple, Inc. for demolition of two existing residential structures and construction of a new 4686 SF Place of Assembly (serving 90 people) and a 2000 SF residence, parking lot, and drainage system as shown on the plan entitled, "Paravati Parameswara Temple, 546 Main Street, Groton, MA," prepared by Ducharme & Dillis Civil Design Group, dated July 24, 2019. The proposed construction will be located at 546 Main Street, Assessors' Map 216, Parcel 92, on the easterly side of Main Street.

Chairman Perkins called the public hearing to order by reading the legal notice published in the August 16, 2019 issue of the *Groton Herald*. Design engineer Frank McPartlan of Ducharme and Dillis, Jared Gentilucci of Nitsch Engineering, the Committee's consulting review engineer, and members of the Temple were present.

Mr. McPartlan presented the plan to construct a 90-occupant temple and priests' residence at 584 Main Street. Each building will be served by separate driveways. The driveway to the residence will be constructed of a pervious, egg-shell type material. The main driveway to the Temple will include a double catch basin at the entrance and rain garden. A subsurface infiltration system will be installed for TSS removal. The chambers will be fully accessible for maintenance. The infiltration system requires a waiver of Section 352-11C (10).

The two existing residences on the property will be demolished, but most of the new development will be on the previously disturbed area of the site. Town water and town sewer will be used, and they are not planning to tie into the public stormwater system in Route 119. The proposed stormwater management system will be self-contained. There may be changes to the parking lot, as requested by the Planning Board, which will be shown on a subsequent revision to the plan.

Mr. Gentilucci presented his report dated August 27, 2019. He said he did not have any problems with the requested waiver to install a subsurface infiltration system for TSS removal because access to the system would be provided. Mr. Gentilucci said additional test pits are needed to confirm the required two-foot separation to groundwater.

Member Hanninen asked about roof runoff from the house. Mr. McPartland said downspouts would be used and no additional treatment is required.

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Member Delaney noted that the driveway cut is subject to MassDOT approval and an apron would be required.

The motion was made by Hanninen, seconded by Delaney, to continue the public hearing on September 17, 2019 at 7:15 PM. The motion passed unanimously.

MINUTES

The Committee voted unanimously to approve the minutes of July 2, 2019 and August 6, 2019.

PROPOSED STORMWATER UTILITY FEE

Member Delaney said he is looking into proposing a Stormwater Utility Fee at the Fall Town Meeting. He asked Mr. Gentilucci if Nitsch Engineering would provide a quote to assist with the development of the utility fee. He said he also requested quotes from Environmental Partners and CEI.

The motion was made by Hanninen, seconded by Delaney, to reach out to three firms for quotes on development of the Stormwater Utility Fee. The motion passed unanimously.

Meeting adjourned at 8:45 PM

Respectfully submitted,

Michelle Collette
Earth Removal Stormwater Inspector