

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

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

Members present: Edward Perkins, George Barringer, Bob Hanninen, and Eileen McHugh

Member absent: Tom Delaney

**PUBLIC HEARING – VILLAGE MEADOWS, 372 TOWNSEND ROAD**

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 RD Kanniard Homes, Inc. for construction of nine-lot residential subdivision as shown on the plan entitled, “Definitive Subdivision & Flexible Development Plan, Village Meadows – 372 Townsend Road, Groton, MA,” prepared by Ducharme & Dillis Civil Design Group, dated May 30, 2019. The proposed subdivision will be located at 372 Townsend Road, Assessors’ Map 206, Parcel 22, on the easterly side of Townsend Road.

Chairman Perkins called the hearing to order and read the legal notice published in the May 24, 2019 issue of the *Groton Herald*. Applicant Roger Kanniard, 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 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 stormwater management system is designed to handle the 100-year storm with one large retention basin and rooftop infiltration systems for each house. Rain gardens will be installed at the entrance and in the cul de sac. Deep sump catch basins will be installed in the roadway. Additionally, a subsurface infiltration system will be installed near the entrance. The infiltration system requires a waiver of Section 352-11C (10).

Mr. McPartlan said the disturbance is on the first one-third of the parcel. The applicant is working with the Natural Heritage and Endangered Species Program (NHESP) on a turtle management plan to protect the nesting areas. The NHESP want the houses to be located as far away from the nesting areas as possible. There is a sand and gravel “borrow” area on the rear of the parcel that the applicant would like to utilize for fill on site during construction.

Mr. Gentilucci summarized his report dated July 2, 2019. He detailed his concerns about Items #4 Overflow Pipe, #6 Soil Infiltration Rates, #7 ACEC in the Zone II Water Resources Protection District, #8 Infiltration System for Roadway Runoff (waiver requested), #9 Recharge Volumes, #17 Drainage System Less than 2 ft from Seasonal Groundwater, #19 Potential Ponding on Townsend Rd (see report for details).

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Member McHugh asked if the road would be owned by a condominium association or would be a public way. Mr. McPartlan said it would be a Town road.

Member McHugh expressed concern about the rooftop infiltration systems on individual lots and required maintenance. Mr. McPartlan said the maintenance is detailed in the Operations and Maintenance Plan. Member Hanninen said he shares the concern about requiring maintenance by individual homeowners.

Member Hanninen asked about the construction sequence. Mr. McPartlan said it in on Sheet C6 of the plans.

Chairman Perkins asked about the waiver request submitted to the Planning Board about using Cape Cod berms rather than granite curbing. Member Barringer suggested using no berm at all. Mr. McPartlan said they would discuss it with the Planning Board.

Stormwater Inspector Michelle Collette said she is concerned about the rooftop runoff drainage systems, the potential flooding at the intersection with Townsend Road, and controlling excavation of the "borrow area" in the rear of the site.

Mr. McPartlan noted the roadway must meet the Planning Board regulations for centerline grades and they cannot exceed the maximum of 7 ft for cut and fill in the roadway which makes the configuration of the intersection more challenging.

The motion was made by McHugh, seconded by Hanninen, to continue the public hearing on August 6, 2019 at 7 PM. The motion passed unanimously.

#### **NESSP TEMPLE UPDATE**

The Committee met with Mahender Singh of the NESSP and William Murray of Places Associates to discuss complete of construction at the NESSP Temple site.

Mr. Singh said they posted a performance bond in the amount of \$100,000 with the Planning Board. The bond includes completion of all stormwater management issues. The Temporary Occupancy Permit expires on July 20, 2019, and the Temple would like a permanent occupancy permit.

Member Barringer, the Planning Board representative on the Committee, said the Planning Board recommended that the Building Inspector grant a permanent occupancy permit provided the bond is held in escrow and the NESSP Temple grants an easement to the Town to enter the site to complete construction if the owner defaults.

The motion was made by McHugh, seconded by McHugh, to extend the Stormwater Permit to December 31, 2019 to allow completion of construction by that date. The motion passed with Perkins, Hanninen, and McHugh in favor; Barringer not voting.

### **BOYNTON MEADOWS UPDATE**

The Committee met with Robert France of Mount Laurel Development and homeowners from the Boynton Meadows development. The Committee, Planning Board, and Conservation Commission sent Mr. France separate letters on May 9, 2019 regarding the lack of completion of the project, approved in 2011.

Mr. France said Mount Laurel Development has no money and extended debt. Final paving, rain gardens, and the compensatory wetland in the cul de sac are still outstanding. Mr. France said this goal is to complete all outstanding items by the end of September. He requested relief from the Committee on the preparation of as-built plans because the work was not witnessed or inspected by his engineer. The cost of preparing as-built plans is from \$15,000 to \$20,000.

Member McHugh responded that the as-built plans and engineering certifications are important components of the project. She said the Committee is willing to work with him on the as-built plans. Other members agreed that the lack of as-built plans is problematic. Mr. France said he would finish the plans to the best of his ability. The Committee requested that Mr. France submit a written document regarding the as-built plans.

Chairman Perkins said the final paving is a major issue. The homeowners agreed that the paving, installation of street lights, and as-built plans are critical. They said the homeowners would be willing to pitch in with the landscaping.

The Committee requested that Mr. France provide an update for its meeting on August 6, 2019. Mr. France agreed to do so.

### **ACADEMY HILL UPDATE**

Stormwater Inspector Michelle Collette reported that, as voted by the Committee, she has not signed off on new building permits for the Academy Hill subdivision because the work outlined in the Nitsch Engineering report dated June 11, 2019 has not been completed. She said she is working with construction supervisor Brian Ahern on the outstanding items including slope stabilization, catch basin cleaning, and ponding at the intersection of Cherry Tree Lane and Townsend Road.

### **MINUTES**

The Committee voted to approve the minutes of April 16, 2019, April 29, 2019, May 7, 2019, and June 4, 2019.

Meeting adjourned at 8:15 PM

Respectfully submitted,

Michelle Collette  
Earth Removal Stormwater Inspector