

**SUDBURY CONSERVATION COMMISSION**  
**Minutes of the Meeting Held Monday, February 24, 2014**

Present: Greg Topham, Chairman; Beth Armstrong; Vice-Chairman; Sharon Rizzo;  
Debbie Dineen, Coordinator

**WPA & Bylaw Request for Determination: 31 Raynor Rd., Diane Muffit**

Present; Dianne Muffit & Linda Murdock, applicant/homeowners

The applicants presented a plan for the construction of a 16' x 18' barn/shed on their property abutting Stearn's Mill Pond. The building will be used for storage and as a music room. It will not have a full basement.

D. Dineen explained that the new structure will be located within the riverfront area on lawn/landscaped disturbed area between the existing shed and the house. She recommended a negative Determination as there is no work proposed any closer to the river and there is a 100' undisturbed inner riparian area in place on the site. Runoff from the new impervious area must be directed to drywells or a drip trench shall be installed.

On a motion by G. Topham, 2<sup>nd</sup> S. Rizzo; the vote was unanimous in favor of a negative Determination with the requirement for infiltration of runoff.

**WPA & Bylaw Requests for Determinations: Lots 2 – 6 Arboretum Way; Redspire, Inc.**

Present: Beth Cosgrove; Frank Cutting; Jesse Johnson; Scott Miller

The Commission agreed to hear all RDAs together as they are all undeveloped abutting lots in the same subdivision. The applicant has recently worked with the Commission to mitigate work within 100' of the wetland by placing a perpetuity conservation restriction on approximately 10.5 acres of the site. Seven of these protected areas were required by the Planning Board as part of the cluster subdivision plan approval. Three additional acres will be added for wetland mitigation. A CR plan dated 2/2014 includes the CR for Lots 9 & 10. The CR could not be expanded on these lots due to septic and grading requirements.

Erosion control was shown on the plan. The CR will be an average of 75+- feet from the wetland and delineated visually on each lot by a planting line of 3 high bush blueberries and one native tree. Lot 6 will have a small wing wall to contain grading.

On a motion by G. Topham; 2<sup>nd</sup> B. Armstrong; the Commission unanimously approved negative Determinations for Lots 2 -6 Arboretum Way, subject to recording of the CR plan.

**WPA & Bylaw Notice of Intent: 77 Hudson Rd.; new Police Station**

Present: \_Police Chief Scott Nix; Mike Melnick, Chairman of the Permanent Building Committee (PBC); Craig Blake, PBC; James Kelly, Sudbury Facility Director; Neil Joyce; Fred King,

Commission's stormwater & wetlands consultant; Greg Carell, Susan Carlson, William Murray of Carell Group and Places, Inc.

Chairman Topham opened the public hearing and read the rules under which the Commission proceeds and described the appeals process. He thanked Fred King, SCC consultant, for his in-depth peer review within short timeframes.

William Murray, Places, Inc., presented the plan for the new Police Station. All work within wetland jurisdiction is on already disturbed areas. There will be no alteration of floodplain. The existing leach field for the Fire Dept. septic system will be enlarged with an additional trench to accommodate the Police Station. Drainage at the existing Fire Station will be upgraded as part of the Police Station project. Wetlands on site consist of riverfront area, bordering vegetated wetland, and the 100' adjacent upland resource area.

Mr. King stated that the plan still needs some detail but he is confident that the project is now at a point where additional items can be conditioned in the Order. He stated that the infiltration and detention basins should have at least a 1% - 2% grade at the basin bottom. Without this grade, maintenance will be impacted due to standing water and wet soils. Alternatively, the engineer may want to consider sub-drains with an outlet closer to the wetland elevation. Details on the overflow spillway and bottom view are missing from the documentation. Infiltration Basin A needs soils information for infiltration rates and a planting plan for stabilization. Mr. King noted that the plan continues to call for 3 Vortsentry units. This should be able to be downsized to reduce construction and save money. A site-specific, understandable Operation & Maintenance Plan needs to be developed. A final SWPPP must be required in the OOC. Construction sequencing should be included in the SWPPP.

Mr. King had developed the compliance calculations for partial redevelopment and new development on the site. The project now meets all the standards except for recharge, which is met to the extent practicable as permitted in the regulations. 81.4% TSS is being removed. This meets the 80% minimum standard. This is a weighted standard so more credit for new development can offset or credit the standards to be met for redevelopment. 31% of the area represents old development area. Given the soils and septic, a slight increase in recharge volume for a larger increase in infiltration rates meets the intent of the regulations.

The OOC should include the requirement to by-pass basin A for a temporary sediment basin during construction. All basins should be protected during construction. The SWPPP final approval should be received prior to implementation of any erosion and sedimentation features.

On a motion by G. Topham; 2<sup>nd</sup> B. Armstrong; the Commission voted unanimously in favor of closing the hearing.

On a motion by G. Topham; 2<sup>nd</sup> B. Armstrong; the Commission voted unanimously in favor of issuing the OOC as discussed

### **Review Mitigation Planting Plan: 145 Lincoln Road; Cummings**

Commissioners reviewed a revised plan showing the restoration planting area at the rear of the yard. Shrubs will be planted as shown to delineate the re-vegetation the area of the illegal shed foundation. Mowing around the shrubs may be accomplished to keep out invasive plants.

On a motion by G. Topham; 2<sup>nd</sup> B. Armstrong; the Commission voted unanimously in favor of accepting the mitigation plan.

### **Raytheon #301-1083**

Commissioners signed the final OOC document that was voted at the previous meeting.

### **Conservation Commission Candidate Interviews**

#### **Charles Russo:**

Mr. Russo, of 30 Juniper Road, is a one-year resident of Sudbury. He was formally a municipal reporter so he has sat in on many board meetings and is familiar with the process. He now holds a Masters if Environmental Sustainability from Harvard Extension and works a VHB, Inc., a civil and environmental engineering firm in the area.

#### **Susan Doherty:**

Ms. Doherty is a 3.5-year resident of Sudbury who lives at 253 Concord Rd. She has a fine arts background and hold a Masters in Teaching. She has free time at the moment and would like to volunteer for the Town. She said the Town is poised for more development on Rt. 20 and believes environmental issues should be a major consideration.