

June 9, 2020

To: The Nottingham Planning Board

From: The Nottingham Conservation Commission

Re: Case # 29-003-SUB - Application for a 14 lot Subdivision on Mitchell Road from Robert Diberto, Tax Map 7 Lot 1N.

The Conservation Commission held a meeting at the Municipal Building in Conference Room #1 on Monday June 8, 2020, at 7:00 PM. Five members were physically present, none was participating electronically. Guest was Mr. Christopher Berry of Berry Surveying and Engineering, representing the applicant.

Mr. Berry distributed plans to all attendees for the proposed project. The 49 page 17" X 11" document package illustrated the design of the subdivision along Mitchell Road and surrounding features. Appended were four smaller pages showing the details of the culverts and site photos. Of particular interest to the Commission were the locations and designs of two wetland crossings, connectivity of these wetlands to the area wetland complex, and the designs and details for rainwater mitigation features with special attention to the Natural Heritage Bureau's report of protected animal species in the area.

Additionally, members were interested in the steep slopes on the site, and the roughness of the paved road surface within the subdivision (Larger sized stone within the paving mix provides a rougher surface for snakes, turtles and amphibians to push against as they cross roads. If the surface is too smooth snakes are stranded while attempting to cross.)

Mr. Berry gave a detailed presentation. With recommendations from NH Fish & Game, Wetland Crossing #1, the larger of the two, will be a 3' X 4' box design buried one foot to allow the base to "naturalize". Crossing #2 will be a partially sunken circular culvert that will also "naturalize" with the wetland complex.

Natural fiber erosion barriers will be installed during construction and will eventually disintegrate into the landscape.

Because the wetlands are classified as Class A water sites, the detention basins for rainwater runoff will provide treatment for nitrogen and phosphorous from road surfaces.

Sloped, not vertical, curbing will be installed to allow for animal passage.

Catch basins and sumps will be lined with natural stone so animals will be able to escape.

All erosion control and treatment designs were designed according to "Stormwater Best Practices Management" and will require the least maintenance over time.

Mr. Berry also indicated that due to the sensitivity of the area that NH Fish & Game could recommend setbacks of 75' from the wetlands with a no disturb deed restriction for those landowners within these locations.

The Commission was satisfied with the thoroughness of the designs and accommodations to preserve the natural features on the site and surrounding landscape for the proposed subdivision.

Respectfully,  
Chair Sam Demeritt, Conservation Commission