



August 18, 2020

Scott Cameron
The Morin Cameron Group, Inc.
66 Elm Street
Danvers, MA 01923

Re: Hannah's View Estates
Tree Inventory and Analysis

Dear Mr. Cameron:

Pursuant to Lynnfield's Subdivision Regulations, Section 375-6.4.B.7, Radner Design Associates, Inc. (RDA) catalogued and evaluated the existing tree cover at 1414, 1452, and 1466 Main Street throughout the week of 08/03-08/07/2020. In accordance with the bylaw, we identified and recorded trees with a Diameter Breast Height (DBH) of 12" or greater within the proposed right of way and within 10' of the right of way as described on plans issued by the Morin Cameron Group dated 03/30/2020, revised 06/19/2020.

Attached you will find a spreadsheet cataloguing the trees tagged.

- **Column A - Tree tag #:** These are blue tree tags nailed to each tree approximately at eye level. The tree tag numbers starts at 021 and ends at 310.
- **Column B - Caliper at DBH (Inches):** all trees with a caliper of 12" or greater were tagged.
- **Column C - X= >18" caliper:** We identified trees with a caliper of greater than 18" in order to identify trees of especially large size.
- **Column D - Species:** Tree species per our visual observation.
- **Column E - Station:** Approximate roadway station per the plans.
- **Column F - Type:** Double or Triple trunk trees were identified.

Our general conclusions are as follows:

1. The site is almost entirely populated by Eastern White Pine (*Pinus strobus*) and Red Oak (*Quercus rubra*). The proportion of Eastern White Pine to Red Oak is 43% and 57% respectively. Each species appeared to be equally distributed throughout the site.
2. The general character of the site is rolling hillside with few flat areas. We did not observe any low spots that retained water. Eastern White Pine and Red Oak are indicative of dry soil conditions.
3. There were areas of alternatively open understory and groundcovers versus dense vegetative understory.
4. 289 trees were tagged and identified. 44 of these were over 18" caliper. The largest tree has a 32" diameter, in the vicinity of the cul-de-sac.

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5. Some areas of the roadway centerline had a higher concentration of larger trees, ie. from station 0+00 through 2+00 on Hannah Lane; the area within and around the cul-de-sac; station 0+00 through 4+00 on Zachary Drive; and station 10+00 through 12+00 on Zachary Drive.
6. We did not observe any unusually large trees or trees of heritage value, or evidence of mammalian wildlife except for deer droppings.

Based on these observations and judging from the size of the trees, we conclude that the site has been undeveloped for approximately 40-60 years. We did not find any indication of particularly high-value ecosystems, or tree communities worthy of special preservation.

Sincerely,

A handwritten signature in cursive script that reads "Michael Radner". The signature is written in black ink and is positioned above a horizontal line.

Michael Radner, ASLA LEED ap