

Memo Date: 17 May 2022

Project: 22001 | Lincoln-Eliot Elementary School

Distribution: Tina Soo Hoo; Arrowstreet

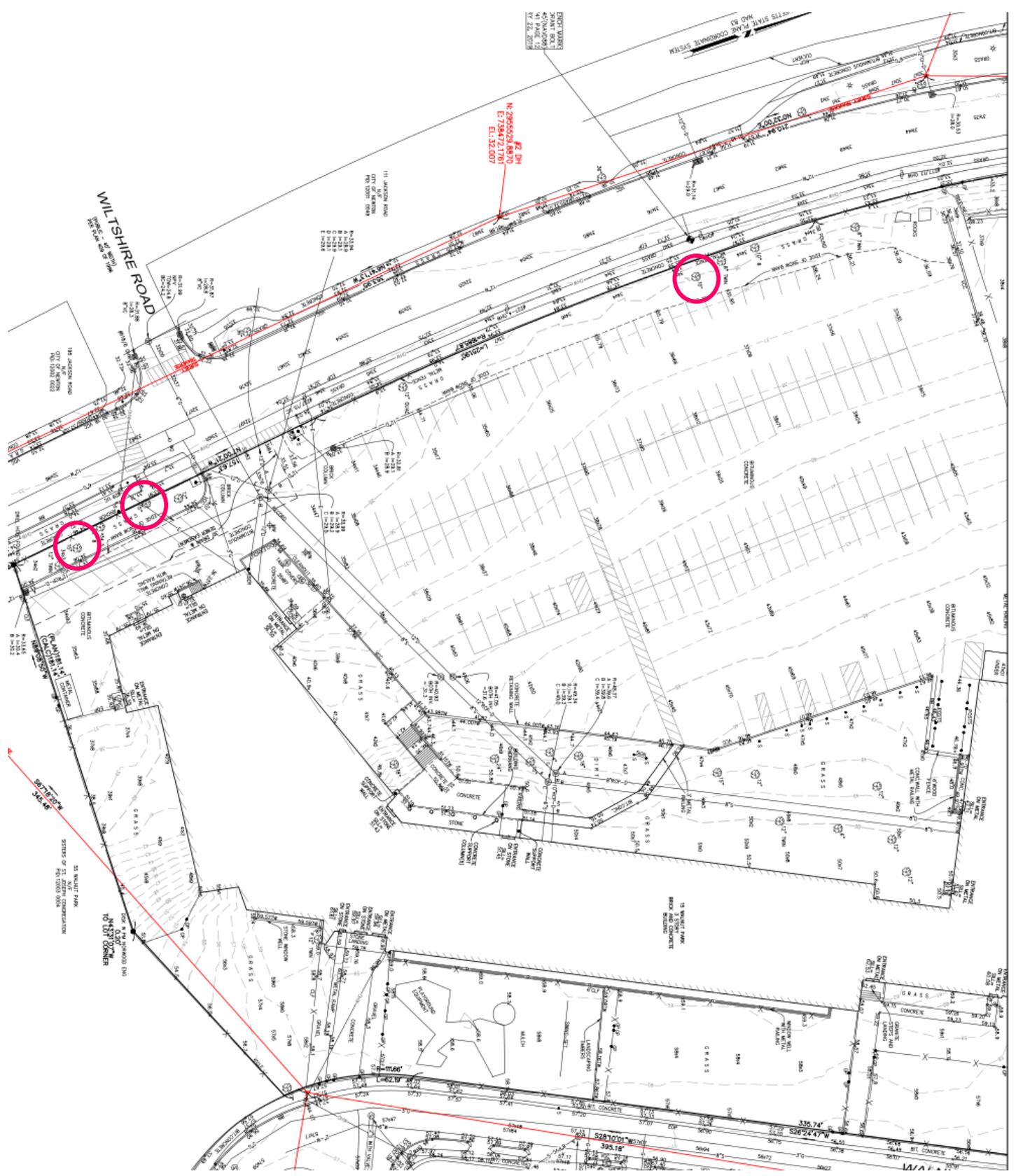
Prepared By: Kellie Connelly; Terraink

Comments:

Terraink will be developing a “Tree Protection and Removal Plan” as part of the Design Development set of Drawings for the Lincoln-Eliot Elementary School project. We will include plan documentation and the numerical information required per the City of Newton’s “Tree Permit Application.”

The proposed process for the “Tree Protection and Removal Plan” is as follows:

1. All trees 8-inches and greater in diameter will be shown on the Lincoln-Eliot existing conditions survey in areas of proposed improvement and site grading. This includes an additional wooded parcel near the existing gravel lot that is currently being surveyed.
2. The Tree Warden has provided a preliminary determination of “protected trees” and “poor condition trees” per their 03/14/2022 email and attached plan.
3. When the existing conditions survey is updated to include all trees 8-inches and greater in caliper within areas of development, we will then request that the Tree Warden offer their opinion on any additional “protected trees” and “poor condition trees” that should be noted within the “Tree Protection and Removal Plan.”
4. With the submission of the Tree Warden’s findings to Arrowstreet/Terraink, we will then calculate the final number of tree diameter inches at a diameter breast height (DBH) to be removed.
5. Our current tree findings are as follows, but are subject to change upon the final site survey being completed:
 - a. Total Tree Caliper Inches in the Project Area = 31 Trees/ 473-inches.
 - b. Total Tree Caliper Inches to be “Protected” in the Project Area = 10 trees/ 179-inches.
 - c. Total Tree Caliper Inches to be “Removed” per the Tree Warden’s Direction = 5 trees/ 79-inches.
 - d. Total Tree Caliper Inches to be “Removed” in the Project Area = 16 trees/ 215-inches.
 - e. Total Tree Caliper Inches to be “Replicated” on the site or offset with a payment to the City Tree Fund = 70 trees/ 210-inches.
6. Upon submission of the “Tree Protection and Removal Plan” to the Tree Warden, we anticipate that they will decide the appropriate “Tree Removal/Replacement” caliper offsets and/or payments to the City Tree Fund per the Newton Tree Manual.
7. The “Tree Protection and Removal Plan” will include:
 - a. The site survey.
 - b. Area(s) of disturbance.
 - c. Existing trees with DBH measurements.
 - d. Indications of “Protect” or “Removal” on the Plan.
 - e. A chart indicating the total caliper inches for each category (Protect, Remove, Replace).
 - f. A tree protection detail.
 - g. Existing wooded area to remain. Further investigation of area along edge of proposed parking will be done to minimize/eliminate impacts to woods.



EXISTING
POINT SOL.
44 PAID 7/21
7/22 2018

N 2956529.8670
E 1132200

WILTSHIRE ROAD
119 JACKSON ROAD
CITY OF LEXINGTON
NO 2008 0044

119 JACKSON ROAD
CITY OF LEXINGTON
NO 2008 0022

35' BULLET SIGN
W/ 2' CONTOUR
SERIES OF 2' CONTOUR
TO 15' CORNER

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