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TO: Daniel Roemer, Assistant Building Inspector
Valerie Monastra, Consulting Planner
Sarah Collins, Secretary to the Planning Board

FROM: Suzanne Nolan, ASLA
Nolan Landscape Architects, PLLC

DATE: September 6, 2023

**RE: 152 Broadway, Washington's Headquarters Townhomes Condominium Association
Retaining Wall Restoration
9-7-23 Planning Board Meeting Submission**

The proposal is for the reconstruction of a retaining wall along Broadway and restoration plantings.

Comments:

1. The tree inventory was prepared by a certified arborist and identifies (17) trees for removal associated with the wall reconstruction.

On-site removals: 17 trees, 8" to 40" dbh, total:	374 inches removal
50% Replacement: $374 \times .5 =$	187 inches replacement

2. The 7/7/23 Tree replacement and Landscape Plan by Aspect 120 Landscape Architecture P.C. proposes a replacement planting of:

52 native trees, with each tree assumed to be 3" caliper.

130 shrubs, 107 of which are native

3,000+ native herbaceous plants for shady and sunny conditions

Proposed replacements trees: $52 \times 3" =$	156 inches trees proposed. (31-inch deficit)
Shrubs: 130 total/107 native	107 shrubs (represents 3+ shrubs/inch of deficit)
Herbaceous plants: 3,000+ native	3,000 forbs (represents 300 plants/inch of deficit)

Recommendation

The 52 native trees proposed are suited to the site conditions and will diversify the overstory. The 107 native shrubs and over 3,000 herbaceous plants proposed generously address the 31-inch deficit of tree replacement. The planting will provide a layered tree canopy, diversify the understory, and stabilize disturbed areas. It is a robust replacement for the tree removals required for reconstruction of the retaining wall and fulfills the Village requirements for tree valuation.

END