

MEMO

To: Arlington Conservation Commission
Copy to Lexington Conservation Commission

Date: December 31, 2020

From: Mickey Marcus 
RE: Revised Plans and information for Arlington Restoration Master Plan Phase II

File: DEP File: 091-0327
SWCA File: 60780

Dear Commission Members:

At our last hearing, several plan revisions were requested by the Conservation Commission, and these have been provided in this memo, and the attachments. These include a revised stormwater report, revisions to the site plans, and clarifications on construction materials and methods of invasive species control.

- 1) Information on Lexington's stabilized granite requirements. A memo from KZLA is attached providing information on this path material and representative examples in the area.
- 2) Recalculate stormwater calculations using NOAA Atlas 14+. A revised stormwater report dated December 2020 is attached. This report has been prepared by Woodard & Curran Engineers and is stamped by Denise Cameron, PE.
- 3) Review removal/replacement of trees. The KZLA memo addresses this item and the planting plans (Sheets L4.1 and L4.5 have been revised. These plan revisions are attached.
- 4) Add erosion controls (silt sack) around turf area in parking lot to prevent siltation. The civil site plans have been revised to show compost filter erosion controls socks, and stone rip rap at the outfall pipes. These are shown Plan C1.0 and C2.0. Both revised plans are attached.
- 5) Propose alternatives to glyphosate. The recommended alternatives approved for use by the DEP include Garlon and Milestone. For the Phragmites and Reed Canary Grass we propose using Clearcast, also approved by MADEP. The Commission also asked for application methods other than spraying. For the woody plants we recommend stem cutting with the immediate wipe or wick application of the herbicide to the cut stems. A dye added to the herbicide mix may be used to show which stems have been treated. For the herbaceous plants, a glove-wipe application may be used (e.g. on swallowwort, reed canary grass). For several species such as the Phragmites, Japanese knotweed, and multiflora rose, the preferred treatment is a spray application.

6) Coordinate with DPW to ensure parking lot is not a snow dump. This item has been addressed in the KZLA memo. The Town DPW has committed not to use the new parking lot for snow storage in the future.

7) Possibly schedule another site visit, weather dependent. The project team will be available to meet with any Commission Members or Staff during the NOI review, prior to construction, or during the construction. A site walk with the Town of Lexington Conservation Commission is scheduled for Saturday January 2, 2021.

8) Revise parking lot O&M Plan to include regenerative air sweeper. The stormwater report O&M plan has been revised and this item is addressed on page 194 of the stormwater report. Regenerative air sweeping is recommended twice each year, or as needed.

9) Revise invasive management to include as much cut-and-dab, not spray, as possible. This is addressed in item number 5. All woody invasive plants will use the cut stem treatment and will not use spray for herbicide application.

10) Update plan set with changes (erosion controls, plan has erosion control matting near flared end, but rip rap might be better). These changes have been made as requested by the Commission and they are included on the attached plan revisions by Woodard & Curran Engineers and item #4.