April 2, 2020

Ms. Karen Sherman, Town Planner Holliston Planning Board Town Hall 703 Washington Street Holliston, MA 01746

Re: Constitution Village – Review Comments
Tasks for Completion for Phase III

Dear Ms. Sherman,

At your request, we have reviewed the list of tasks titled <u>Phase III Construction for 2020 to be completed by November 30<sup>th</sup>, 2020</u>, submitted by Guerriere & Hanlon (G&H) and dated February 26, 2020. We have the following comments:

- 1. We recommend for the Planning Board to require a complete list that include all the remaining punch list items from 2019 and all other necessary tasks with orderly sequence and schedule of completion for each item. The list should be submitted for review and approval. It can then serve as the baseline to ensure orderly and timely completion. The list will be helpful in gauging progress for Phase III.
- The list should also include all remaining tasks noted in Form E, including but not limited
  to shade trees, street lights, top soil and seeding, survey bounds, removal of erosion
  control barriers and restorations of disturbed areas, final cleaning of drainage structures,
  and all other related items.
- 3. The list that is submitted by G&H references "completion by November 30, 2020". We recommend that schedule of completion for all tasks to be no later than October 15, 2020. The intent is to safeguard against final paving being performed during colder weather conditions.
- 4. Resolution of erosion and accessibility issues along the drainage easements should be an important element of the plan to complete Phase III.
- 5. Resolution of review comments related to resubmittal of video inspections for drainage system and completion of repairs, if necessary.
- 6. The easement for water main between Minuteman Circle cul-de-sac to Governor Prence Way needs to be delineated in the field. A surveyed plan showing the easement and exact location of the water main should be submitted.
- 7. All excavations and repairs to be completed in advance of removing the existing binder throughout CV.

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- 8. Once all the existing binder is removed, the gravel grades shall be surveyed per Planning Board's Rules and Regulations. A gravel as-build plan should be prepared to show the existing gravel grades and proposed grades. The gravel surface shall then be adjusted and fine-graded to establish proper grades matching the approved plans.
- 9. Detention basins should be inspected and surveyed. As-built drawings shall be prepared and be certified to ensure compliance with approved plans.
- 10. A plan should be submitted that show the specific locations for all the shade trees and street lights.

Please let us know if you have any questions or require any additional information.

Very truly yours,

AP ASSOCIATES, INC.

Ali M. Parand, P.E.

Project Manager

April 1, 2020

Ms. Karen Sherman, Town Planner Holliston Planning Board 703 Washington Street Holliston, MA 01746

Re: Constitution Village – Review Comments
Drainage System Re-Inspection Videos

Dear Ms. Sherman,

At your request, we have reviewed the drainage system inspection videos resubmitted by Guerriere & Hanlon, Inc. (G&H) for Constitution Village (CV) and have the following response:

<u>Background:</u> We reviewed the original drainage system inspection videos and provided a summary comment letter dated August 7, 2019 and redmark drawings identifying drainage segments with issues.

Resubmittal: We received a resubmittal on February 26, 2020 with a summary response table (attached, prepared by G&H) and post repair inspection videos. We reviewed the information and have the following comments:

- 1. Inspection Video C for the 12" RCP pipe in Old Cart Path between DMH 15 and DMH 16 shows broken pipe at about 24 feet from DMH 15.
- 2. Inspection Video 152A-1 is labeled for 12" RCP pipe between CB 31 and DMH 25A Old Cart Path. There was no Inspection Video 152A-1 included. We checked the rest and found no inspection video for pipe segment between CB 31 and DMH 25A.
- 3. Inspection Video 151A-1 and 152B are duplicate for pipe segment between DMH 25A and DMH 25B.
- 4. Inspection Videos 155A-1 and 155A are duplicate for outlet pipe from Basin E to Wetland (Headwall). There was no inspection video for overflow pipe to outlet DMH Basin E.

All other pipes with identified deficiencies were cleaned, repaired and video inspected again. We have no further comments on any other pipe segments.

Please let us know if you have any questions or require any additional information.

Very truly yours,

AP ASSOCIATES, INC.

Ali M. Parand, P.E. Project Manager

Attachment: G&H's Video Review Summary (Submitted with Inspection Videos)