

January 10, 2019

Milton Planning Board
Town Hall
525 Canton Avenue
Milton, MA

**RE: DPW Engineering Department Review
Wolcott Woods, Great Estate Planned Unit Development
Milton, Massachusetts**

Dear Mr. Clark and Members of the Planning Board:

Attached please find the following responses to the November 8, 2018 review correspondence from the Town of Milton Engineering Department. Our response will follow the format presented in the Engineering Department's review.

Roadway/Sidewalk

1. Vertical granite curbing has been provided at the entrance to the development and extended along the roadway to approximately station 1+64.
2. The walking path has been extended along Canton Avenue from the Manor House existing driveway to the existing driveway for #1776.
3. All sidewalks and crosswalks within the development shall be ADA compliant. A maximum of 2% cross slope is proposed for the sidewalks, a wheelchair ramp has been provided at the entrance where vertical curbing is proposed. The cobble strip has been moved to not coincide with the crosswalk location. Tactile warning strips have been provided at crosswalks and parking areas. A wheelchair ramp detail is shown on sheet C10.1.
4. The sidewalk section detail is shown on the Roadway Typical Sections and now illustrates two lifts of pavement - 1 ½ inch of top course over 1 ½ inch binder course for a total of 3 inches of bituminous concrete depth shown on sheet C10.1.
5. No response needed. Cape cod berm is proposed within the development with vertical granite curbing proposed at the entrance and near the stream crossings where sidewalk is now proposed.

Sewer System

1. Outside clean-outs are shown on all sewer service laterals for each unit.
2. A Force Main to Gravity Sewer Manhole Detail is now provided on sheet C10.6.
3. An Exterior Drop Sewer Manhole Detail is now provided on sheet C10.6.
4. Utility notes have been provided on sheet C10.6 to include sewer system testing prior to activation and will include pressure testing, manhole vacuum testing and mandrel deflection testing.

Water System

1. The looping of the watermain within the development to Carberry Lane would improve water quality and redundancy for Carberry Lane. Although at this time, there is no evidence that the

existing 8" water main with Carberry Lane is extended far enough through the abutting property easements to complete this looping. The project will loop the proposed water main within the development to Canton Avenue to maintain proper water quality and redundancy for the development.

2. The branch water service to the Devens cluster has been reduced to a 2-inch copper main with end cap for water quality purposes and shown on sheet C5.2.
3. The branch water service to Buildings 8, 9 and 10 has been reduced to a 4-inch ductile iron main with end cap for water quality purposes and shown on sheet C5.4.
4. All hydrant locations have been reviewed and approved by the Milton Fire Department.
5. Gates have been provided on either side of the hydrant located at high point, approximate station 26+00 to allow for purging of air following future shut-downs.
6. Utility notes have been provided on sheet C10.5 to include water system testing prior to activation and will include pressure testing, chlorination and bacteriological sampling per Milton DPW standards.

Stormwater

1. A construction general permit (CGP) through the EPA's Nation Pollutant Discharge Elimination System (NPDES) program will be obtained prior to construction.
2. A DPW stormwater management permit will be filed prior to the start of construction.
3. No additional discharge permits through the EPA NPDES program are needed. The CGP for the project construction activities will address stormwater and dewatering related discharges under the NPDES program.

Ownership of Utilities

1. Utility ownership notes have been provided on sheet C5.3 of the plans.
2. Trash collection and snow removal within the development shall remain private for this project.

Should you have any questions, please do not hesitate to contact our office.

Very truly yours,

MERRILL ENGINEERS AND LAND SURVEYORS



Deborah W. Keller, P.E.
Senior Project Manager

Cc: John P. Thompson, P.E., Town Engineer
John Dawley, Applicant
File