

**WILTON PUBLIC WORKS  
DEPARTMENT**

(203) 563-0153



**TOWN HALL ANNEX  
238 Danbury Road  
Wilton, Connecticut 06897**

**TO:** Daphne White, Assistant Town Planner

**FROM:** Frank Smeriglio, PE, *F.S.*  
Assistant Director of Public Works/Town Engineer

**DATE:** Monday, September 27, 2021

**Cc:** Michael Wrinn – Director of Planning & Land Use Management

**RE:** **30 Sturges Ridge Road – Angerame - SUB #922**

This is written in response to the review of development plans dated August 23, 2021 and drainage report dated August 30, 2021 related to the subdivision at 30 Sturges Ridge Road. The Department of Public Works began the initial review of the proposed development plans as it pertains to the Town Right of Way. The following are our initial comments:

- 1) The Engineer shall depict sight line distances along both driveway entrances.
- 2) The plans depict a pipe discharge connection into an existing catch basin on Sturges Ridge, Engineer shall depict existing and proposed flows from the property into the catch basin for our review.
- 3) The property is heavily vegetated, a CN of 79 for existing vegetation conditions may be too high, Engineer to address.
- 4) Engineer shall submit flow rates and volume amounts for each subcatchment area.
- 5) For record tracking purposes, please provide the following:
  - Existing pervious surface Area (sqft)
  - Existing impervious surface area directly connected to the water coarse (sqft)
  - Existing impervious surface area not connected to the water coarse (sqft)
  - Proposed pervious surface area (sqft)
  - Proposed impervious surface area disconnected from the water coarse (sqft)
  - Proposed impervious surface area directly connected to the water coarse (sqft)(Definition of "directly connect" verses "disconnect" is as defined in the State MS4 program.

- 6) As a condition of the subdivision approval – Upon completion of project, the Design Engineer shall submit an as-built drawing and certification letter indicating that the development has been constructed in accordance with the design plans.

The following items are unrelated to the Town Right of Way. They are summarized for Planning and Zoning's review of potential items for the Design Engineer to address as it relates to abutting properties:

- 7) Address items above.
- 8) Lot 2: There appears to be a point discharge at the low point of the proposed driveway. Engineer to consider ways to eliminate the point discharge.
- 9) Design Engineer shall review and summarize the downstream drainage paths from each discharge point through the abutting property and to the adjacent road. Design Engineer shall certify that there's no adverse impact on those properties
- 10) Proposed footing drains are shown on the plans to discharge towards the abutting properties. This may cause a point discharge onto those properties. Design Engineer shall summarize the flows discharging from those pipes and determine if modifications are needed.
- 11) Design Engineer shall consider widening the level spreaders proposed for Lots 1 and 2 to spread out the flows.

Based on the items above, this shall constitute our preliminary list. Additional items may be required to be addressed depending on the responses to the above.