
Wooster Street - Engineering Review

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To: Dave McCollum <mccollumd@bethel-ct.gov>

Cc: Town Planner <planner@bethel-ct.gov>, Amanda Martinez <martineza@bethel-ct.gov>

David,

SLR has reviewed the proposed application documents for [15 Great Pasture Road, Danbury](#) and Wooster Street (GIS Parcel 20-40-1), Bethel including: 1) Site Plans prepared by CCA, LLC dated June 25, 2025 revision/submission date August 5, 2025; 2) Drainage Report prepared by CCA, LLC dated July 8, 2025.

The following are SLR's comments:

1. Grading & Drainage Plan (Sheet C3):

- a. Excavation is proposed across the southern property line onto [104 Wooster Street, Bethel](#). Does the applicant also own the [104 Wooster Street](#) property or have they obtained an easement to complete the regrading work on this property?
- b. The proposed site disturbance appears to be in excess of 5 acres, which requires a Construction General Permit from the Department of Energy and Environmental Protection.
- c. All slopes greater than 2' horizontal to 1' vertical should be designated as "no mow" areas or designated as "areas requiring specialized mowing equipment" due to potential equipment safety issues on the steep slopes.

2. Erosion Control Plan (Sheet C5):

- a. A legend should be added to the plan.
- b. Silt fence should be shown parallel to the contours on the site, particularly along Wooster Street.
- c. Additional silt fence is required down gradient of the proposed regrading area north of the proposed southern driveway.
- d. Add a stabilized construction entrance to the plan for the new southern driveway entrance.
- e. Catch basin inlet protection needs to be added to the existing catch basin north of the new southern driveway.
- f. Silt fence should be shown along the bottom of the excavated slope at the southern property line, between the toe of the slope and the parking lot.
- g. Show erosion control blankets for all proposed slopes at 2' horizontal to 1' vertical or greater, in accordance with the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control.

3. Drainage Report

- a. Stormwater analysis was only conducted for the 25-year storm event. The Town of Bethel Zoning Regulations (Section 6.13.E.3.A) requires analysis and reduction of the peak stormwater runoff flow rate for the 2-, 10, 25- and 100-year storm events.
- b. The NOAA_D 24-hour rainfall distribution should be used for analysis, which has replaced the SCS Type III rainfall distribution for Connecticut, per the Natural Resources Conservation Services (NRCS) and the 2024 Connecticut Stormwater Quality Manual guidelines.

- c. Sizing for the hydrodynamic separator at PCB 1 seems to only include the roof area from Building #3. This should be revised to include the total and impervious area that will be collected by the catch basins upstream of PCB 1.
- d. Provide pipe capacity and hydraulic grade line calculations for the proposed storm drainage conveyance system in accordance with the Town of Bethel Zoning Regulations (Section 6.13.E.1.C).

Please let me know if you have any questions.

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