

CLA Engineers, Inc.

Civil • Structural • Survey

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May 4, 2023

Ms. Liz Burdick
Town Planner
310 Norwich-New London Tpke,
Uncasville, CT 06382

RE: 2040 Route 32 Gas/Convenience Store
CLA-7064X

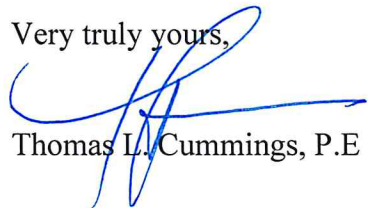
Dear Liz:

We have reviewed the plans and supporting documents submitted for the gas/convenience store at 2040 Route 32. We have the following comments:

1. The sign location for handicap parking must be shown on the plans, and parking space and sign details added to the plans.
2. The doors to the building must be shown on the site plan.
3. Wheel stops along the front walkway must be added to the plans.
4. The guy pole for the utility pole on Podurgiel Lane is shown to be removed, what is replacing it?
5. Is there a drainage easement for the culvert crossing Podurgiel Lane? Proposed work is shown right up to the property line, and likely within an easement area.
6. A guide railing must be included on or in front of the northerly retaining wall. A 42" high railing must be included on both walls.
7. The front sidewalk along Rt. 32 must be replaced and the access driveways detailed on the plans.
8. The catch basin and hydro-dynamic separator at the entrance drive cannot be installed as shown. The hydro-dynamic separator size must be calculated and described on the plans.
9. The directional traffic signage must be shown on the plans. The entrance drive must be modified to restrict and direct traffic in both directions as each enter the gas pump area.
10. The handicap ramp or depressed curb must be at the handicap space.

11. Planting is shown beyond the limit of disturbance as is the northerly retaining wall footing.
12. The northerly parking area is too steep, a 5% slope should be considered as a maximum.
13. The retaining wall must be designed by a professional engineer in lieu of the "review" designated by on the detail.
14. Details must be provided on the plans for the proposed site work items including the walkways, pavements, railings, handicap space, curbing, lighting poles and bases, concrete pads, catch basin sump and hood, culvert installation, etc.
15. The purpose of the plunge pool detail on Sheet 7 of 7 must be defined.
16. A cross section of the proposed detention pond must be included. A detail of the outlet must be added. An emergency spillway must be shown.
17. The entire proposed grading on the site must be reviewed and adjusted as necessary. The handicap space shall be detailed to show conformance with ADA requirements.
18. The roof drainage for the building and canopy must be shown on the plans.
19. An E&S bond estimate must be submitted for review.
20. Given the adjacent development and two bridges on the access drive to Montville Commons, a review and discussion of the drainage coming to the site must be included.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Thomas L. Cummings', with a long horizontal flourish extending to the right.

Thomas L. Cummings, P.E

TLC:bab

cc: John Carlson