



P.O. BOX 1167  
21 JEFFREY DRIVE  
SOUTH WINDSOR, CT 06074  
PHONE: 860.291.8755  
FAX: 860.291.8757  
[www.designprofessionalsinc.com](http://www.designprofessionalsinc.com)

**CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS / PLANNERS / LANDSCAPE ARCHITECTS**  
*Serving Connecticut, Massachusetts, & Rhode Island*

December 19, 2022

Mr. Anthony Manfre, Superintendent of Pollution Control  
Town of South Windsor  
1540 Sullivan Avenue  
South Windsor, CT 06074

Re: WPCA Application for New Commercial Sewer Connection  
Climate-Controlled Vertical Self Storage Facility  
249 Ellington Road  
South Windsor, CT

Dear Mr. Manfre,

Design Professionals, Inc. has been engaged to provide engineering services for a final connection to the existing sewer main in Ellington Road for a proposed 99,200±SF storage building to be located at 249 Ellington Road in South Windsor, Connecticut. Due to the site's location and topography, a gravity sanitary sewer service connection is unattainable. To satisfy building sanitary sewer service requirements, a 4" PVC forcemain lateral is proposed to tap into an existing 4" forcemain in Governor's Highway. No floor drains are proposed in the building.

Sanitary design flows for the proposed building area were based on Section 4.B, Table 4 of the Connecticut Public Health Code. The expected sanitary flow is based on information from the applicant. Only one employee will be present within the proposed office area during the day, which would generate 20 GPD per Table 4. Based on testimony from the applicant, visitors to the facility do not use the bathrooms much but can on occasion. To account for additional flows from visitors we are asking that the design flow for this facility be approved at 100 GPD. Water will not be used for any industrial process and there will be no industrial process that discharges wastewater.

We ask that the sewer assessment connection charge be based on the 3.05± acres of total disturbance associated with this new development, and a capacity charge based on the final water meter size selected.

Please feel free to contact us with any questions or comments.

Regards,

DESIGN PROFESSIONALS, INC.

Daniel H. Jameson, P.E.  
Project Manager