



P.O. BOX 1167
21 JEFFREY DRIVE
SOUTH WINDSOR, CT 06074
PHONE: 860.291.8755
FAX: 860.291.8757
www.designprofessionalsinc.com

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

October 14, 2020

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

Re: WPCA Application for Existing Commercial Sewer with Increased Flow Rate
Barry Equipment Company, Inc.
1608 John Fitch Boulevard
South Windsor, CT

Dear Mr. Manfre,

Design Professionals, Inc. has been engaged to provide engineering services for a request to add an exterior underground oil/grit separator for a 5,000 SF building addition with floor drains at 1608 John Fitch Boulevard, as approved by the IWA and PZC. This separator will connect to the existing sanitary lateral on site, which ultimately connects into the sewer main in the northbound lane of John Fitch Boulevard. The location of the separator and proposed tie-in points can be found on the enclosed utility plans.


Sanitary design flows for the proposed total building area were based on Section 4.B, Table 4 of the Connecticut Public Health Code. The expected sanitary flow is 948 GPD, considering a maximum of 12 employees total working for the facility and 7,080 SF of industrial building use between the existing building and proposed addition.

A previous assessment was completed for the property and we ask that the capacity charge be based on one (1) existing water meter at a size of 1" (size to be field verified prior to installing sanitary tie-in to the existing lateral).

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

Regards,

DESIGN PROFESSIONALS, INC.


Daniel H. Jameson, P.E.
Project Manager