



ENGINEERING  
DEPARTMENT

## TOWN OF WEST SENECA

TOWN SUPERVISOR  
SHEILA M. MEEGAN  
TOWN COUNCIL  
EUGENE P. HART  
WILLIAM P. HANLEY, JR.

January 8, 2019

Re: National Fuel Gas  
365 Mineral Springs Road

Dear Mr. Schieber,

We have reviewed the submitted plans for the referenced project and have the following comments:

Sheet C-400:

1. The existing manhole is called out as an existing combined sewer manhole. Our records don't show any town owned sanitary or combined sewer at this location. This site is also not in a Town of West Seneca sanitary sewer district. Please forward a copy of the sewer owners, or NYSDEC, permission to connect the sanitary or storm from the site to this sewer line.
2. The slope and inverts don't work out on the 130' section between the existing manhole and the proposed 4' Dia. Conc. Inlet MH.
3. This same section of pipe is labeled as 12" with a 24" pipe flowing into it. This should also be a 24" pipe.
4. I have attached a sketch with a suggested alignment of the proposed pipe. This alignment would enable the discharge of the 24" pipe to enter the 36" pipe "with the flow". See item #1 above for permission to tie the storm to this sewer system.
5. When connecting the roof leaders to the new storm sewer use Inserta Tees or equal or gasketed tees.

Please let me know if you have any questions.

Sincerely,

Ronald Pfeil  
Principal Engineering Assistant

Cc: File  
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January 25, 2019

West Seneca Town Hall  
1250 Union Road  
West Seneca, NY 14224

Attn: Mr. Jeffrey Schieber, Code Enforcement Officer

Re: National Fuel Project, Mineral Springs Road – ENGINEERING COMMENTS

Dear Mr. Schieber:

This letter is in response to the letter from the Engineering Department (dated January 8, 2019) that you forwarded.

The Engineering comments referred to sheet C-400, responses are as follows:

- 1) Although the proposed project is in the Town of West Seneca and not within the City of Buffalo limits the sewer (combined) that serves the existing property is part of a Buffalo Sewer Authority system. Per sheet C-100 EXISTING CONDITIONS, National Fuel already has an existing sanitary lateral connection to Buffalo Sewer system and also already has an existing 12" storm line connection (both to the existing) manhole. Per sheet C-200 SITE & LANDSCAPING PLAN, the proposed addition is not creating any additional surface storm water runoff since we are replacing impervious asphalt with the building addition and we are also adding 642 sq. ft. of landscaping, so we are reducing the quantity of storm run-off. We have been in communication with the Buffalo Sewer Authority and anticipate having a letter from them, stating that they have no issue with our plan, by the Town of West Seneca Planning Board Meeting on February 14, 2019.
- 2) The new SE invert has been adjusted from 581.40 to 581.83, refer to attached C-400 revision #1.
- 3) DRAINAGE: Runoff from the building and adjacent parking area is currently collected and diverted into an existing stormwater system that will discharge it to an existing combined sewer system. The plans call for the existing 12" pipe to be replaced with a new 12" pipe coming from a slightly different direction (due to the proposed addition). Per plans a flap gate will also be installed at the connection point to prevent sewage from backing up into the storm sewer system during a period of high flow. The EXISTING 12-inch pipe that connects to the existing sewer was utilized to match the flow rate of the 10-inch pipe that served as the drainage system for that area (PRIOR TO THE 2010 PROJECT). 24-inch pipes are proposed upstream of the 12-inch pipe to provide storage during large rain events. The system was sized based on the 25-year design storm which is in excess of Town of West Seneca requirements. The soils at the site are generally clay and groundwater is generally ten feet below the surface based on a geotechnical report prepared by Glynn Geotechnical. Note that detention to store the difference between the 10-year pre-developed event and the 25-year post-developed event is not provided as the proposed design will reduce the quantity of runoff from the existing condition.
- 4) Refer to response to items #3.



- 5) Adjusted note for connecting roof leaders to new storm sewer, refer to attached C-400 revision #1.

Thank you for your assistance in this matter and please contact me if there are any questions or if any additional information is required.

Sincerely ,

APEX ARCHITECTURE PLLC

A handwritten signature in black ink, appearing to read "Russell E. Bennett, Jr.", with a horizontal line extending from the end of the signature.

Russell E. Bennett, Jr., RA  
Principal Architect