



ZANGRILLI ENGINEERING

322 Oriskany Boulevard
Whitesboro, New York 13492
(315) 736-7011 Fax (315) 736-7013
e-mail: zangeng@ntcnet.com

February 12, 2001

Town of Whitestown
Planning Board
8 Park Avenue
Whitesboro, New York 13492

Attention: Karl Schrantz,
Acting Chairman

Re: Holy Trinity Cemetery
Whitestown, New York

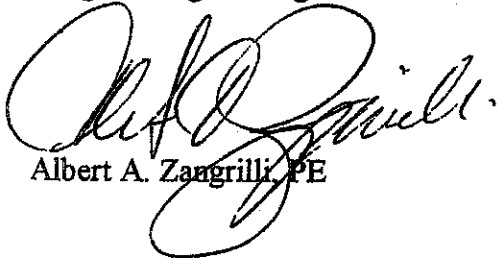
Dear Mr. Schrantz:

The Village of Yorkville, representatives from Holy Trinity Cemetery and I met to discuss changes to the outlet of the proposed detention basin at the cemetery. Holy Trinity Cemetery has agreed to constrict the outlet from the detention basin to an equivalent of a 6 inch diameter pipe. This will be done by installing a reducing fitting at the inlet end of the discharge pipe. They have also agreed to limit the discharge rate from a 25 year storm to approximately 0.5 cfs. I have enclosed copies of information provided by Grever & Ward, Inc. with regard to these changes. These changes are acceptable to the Village of Yorkville. With these changes, the Village of Yorkville will allow the connection of the discharge pipe to their storm sewer system.

Should you have any questions or comments concerning this matter, please contact me.

Very truly yours,

Zangrilli Engineering

A handwritten signature in black ink, appearing to read "Albert A. Zangrilli". The signature is fluid and cursive, with the first name being the most prominent.

Albert A. Zangrilli, PE

cc: Michael Mahoney, Mayor
Carl Graziadei, Village Attorney
Mark Lazaroski
Gregory A. Hamlin



ZANGRILLI ENGINEERING

322 Oriskany Boulevard
Whitesboro, New York 13492
(315) 736-7011 Fax (315) 736-7013
e-mail: zangeng@ntcnet.com

October 19, 2000

Village of Yorkville
Calder Avenue & Sixth Street
Yorkville, New York 13495

Attention: Conrad Chaya,
Highway Superintendent

Re: Holy Trinity Cemetary
Storm Water Runoff

Dear Mr. Chaya:

I have completed my review of the Preliminary Stormwater Management Plan for Holy Trinity Cemetary. There are some issues that will impact the Village of Yorkville. They are as follows:

1. I would like to review the stormwater management report for this project so I can properly analyze how the post-development stormwater runoff will impact the Village storm sewers.
2. I am concerned about the stormwater discharge through the weir. It appears that the stormwater from the 50 year (stage 3) and 100 year (stage 4) storms will be discharged to a single point along the ground surface at the west end of Douglas Avenue. This will create a flooding problem at the west end of Douglas Avenue which will continue down the hill affecting Hillcrest Avenue, Deroe Avenue, Wilcox Aveune and Campbell Avenue. The detention basin should be sized to hold the quantity of water produced from a 100 year storm. The maximum discharge from the detention basin should not exceed the reserve capacity in the Village storm sewers.

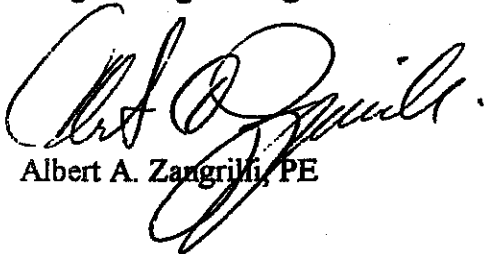
3. The low flow outlet from the detention basin is being tied into a catch basin on the west end of Douglas Avenue. This catch basin is connected to the main storm sewer line with a 12 inch diameter pipe. This 12 inch pipe has a reserve capacity of approximately 0.5 CFS during a 10 year storm. The low flow outlet from the detention basin will discharge approximately 2.35 cubic feet of water per second. This increased flow will overload the existing 12 inch pipe during a 10 year storm. This 12 inch pipe must be replaced with a larger pipe or the outlet flow from the detention basin must be decreased.
4. The 24 inch diameter storm sewer main line has the capacity to carry the additional 2.35 CFS during a 10 year storm.
5. The 24 inch diameter storm sewer main stops and starts again in the rear yards of a few houses on Wilcox Avenue. The gap between the pipe is approximately 83'-3" long. The stormwater flows through this gap in an open ditch. This open ditch is not well maintained. It is a collection point for debris. The debris partially blocks the inlet of the down stream pipe. Stormwater backs up in this area and generally floods the adjacent properties. Any increase in stormwater will increase the amount of flooding in this area. This gap in the storm sewer main line should be connected with a 24 inch pipe. This will allow the stormwater to flow through this area without flooding the adjacent properties.

I would like to have the opportunity to review and comment on the final plans and stormwater report when they become available.

Should you have any questions or comments concerning this matter, please contact me.

Very truly yours,

Zangrilli Engineering



Albert A. Zangrilli, PE

cc: Michael Mahoney, Mayor
Carl Graziadei, Village Attorney