



CHEMUNG  
COUNTY  
STORMWATER  
COALITION

851 Chemung Street  
Horseheads, New York 14845

August 14, 2017

Mr. Tom Skebey, Code Enforcement Officer  
Town of Horseheads Code Enforcement Department  
150 Wygant Road  
Horseheads, New York 14845

**Re: Glad Tidings Christian Life Church Building Expansion  
Horseheads, New York  
Review of Stormwater Management Plan**

Mr. Skebey:

I have completed a review of the following submitted information for the above-referenced project regarding the Stormwater Pollution Prevention Plan (SWPPP) and stormwater management system design for that project.

- SWPPP for the Glad Tidings Christian Life Church Building Expansion, Stamped by a NYS Licensed Professional Engineer, Prepared by Fagan Engineers & Land Surveyors, P.C., Revision dated August 2017, Received August 11, 2017
- FINAL PRINTS Site Plan Drawings for the Glad Tidings Christian Life Church Building Expansion, Stamped by a NYS Licensed Professional Engineer, Prepared by Fagan Engineers & Land Surveyors, P.C., Revision dated August 9, 2017, Received on August 11, 2017
- Response letter to our July 24, 2017 review letter, Prepared by Fagan Engineers, dated July 26, 2017
- Letter regarding infiltration testing and determination of groundwater elevations for the Glad Tidings Church, Prepared by Fagan Engineers, dated June 9, 2017
- July 7, 2017 and August 14, 2017 e-mails from Karl Schwesinger of Fagan Engineers regarding estimated peak 100-year discharge rates associated with an infiltration rate of 20 inches/hour.

Upon review of the above submitted information, I believe that the SWPPP and stormwater management system are acceptable. This acceptance is conditioned upon the following items.

1. One set of final approved Stormwater Pollution Prevention Plan (including one set of the approved Site Engineering Drawings), with the executed approval stamp of the Chemung County Stormwater Coalition, must be on-site at all times during construction and site stabilization.
2. This acceptance pertains only to stormwater drainage and management facilities. It is incumbent upon the Applicant to obtain all necessary regulatory approvals and permits. It is requested that copies of all necessary regulatory permits be provided to the Town of Horseheads Code Enforcement Officer for their records.

3. Upon completion of the proposed site construction (including the stormwater collection and management systems), a licensed professional engineer shall provide a certification letter to the Town of Horseheads Code Enforcement Officer (copied to the Chemung County Stormwater Coalition), stating that the project was constructed in conformance with the approved plans and specifications.
4. Silt, sediment, and/or dust shall not be allowed to leave the project site, including tracking onto public streets. Furthermore, silt and sediment shall not be directed to the proposed stormwater infiltration system. Erosion and sediment controls, outlined in the accepted Erosion & Sediment Control Plan, shall be implemented and maintained to ensure this purpose. If silt, sediment, and/or dust are found to be leaving the site or being directed to the stormwater infiltration system, the Owner (or their contractor) shall take immediate actions to correct the situation.
5. To maintain the existing Hydrologic Soil Group rating for disturbed areas proposed to be vegetated, Soil restoration shall be completed in conformance with NYSDEC's document entitled Deep-Ripping and Decomaction, April 2008 and Table 5.3 of the NYS Stormwater Management Design Manual.
6. Provisions to maximize the infiltration capacity of the proposed infiltration basin should be implemented during construction. Such provisions should include soil decomaction of the soils within the infiltration basin, especially after topsoil placement.
7. The stormwater management plan includes collecting and conveying stormwater runoff from the entire roof of the proposed building expansion, as well as from the roof of a sizeable portion of the existing building, to the proposed stormwater infiltration basin. As such, it is imperative that appropriate drainage systems for roof runoff be designed and installed. It is required that the Applicant submit plans for the proposed roof drainage system to the Town of Horseheads Codes Department for their review and approval, prior to the start of construction.
8. As intended in the drainage system design, runoff from the entire existing and proposed parking lot shall be directed to the proposed stormwater infiltration basin. As such, provisions shall be incorporated into the site grading to direct stormwater flows (in excess of the capacity of the storm sewer system) into the infiltration basin.
9. Fagan Engineers provided July 7, 2017 and August 14, 2017 e-mails that provided the estimated reduction in the 100-year peak storm flows associated with an infiltration rate of 20 inches/hour.
10. A PDF of the approved plans shall be directed from the applicant to this office for our digital records.
11. A formal, signed enforceable maintenance agreement for the stormwater management system shall be provided by the Applicant/Owner, accepted by the Town, and executed by the Applicant, prior to the issuance of the Certificate of Occupancy for this project. This agreement shall be binding on all subsequent landowners and recorded in the office of the County Clerk as a deed restriction on the property. That agreement must be fully consistent with the Town's Stormwater Management and Erosion and Sediment Control Ordinance and accepted by the Town and their attorney. The maintenance agreement shall include a detailed operation & maintenance plan that has specific provisions for the long-term maintenance of the stormwater management system.

If you have any questions or comments, please do not hesitate to contact us. Furthermore, we would be happy to discuss this project in greater detail.

Sincerely,

A handwritten signature in blue ink that reads "Jimmie Joe Carl". The signature is written in a cursive style with a large initial 'J' and 'C'.

Jimmie Joe Carl, P.E.

Cc: Fagan Engineers & Land Surveyors, P.C.