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August 18, 2022

Village of South Blooming Grove Planning Board  
PO Box 295  
Blooming Grove, New York 10914

Attn: Solomon Weiss, Chairperson

Re: 577 Route 208, LLC

Dear Chairperson Weiss:

We have received a review letter from Fusco Engineering and Surveying dated August 17, 2022. The review is regarding the SWPPP that was submitted for the above referenced project. Our responses to the comments are provided in **bold** below for your review and consideration.

1. COMMENT: The SWPPP was evaluated based upon the 2-, 10- and 100-year storms. NYSDEC requires the 1, 10 and 100 storm water evaluation. The 1-year storm must be included in the analysis.  
**The evaluation of the 1-year storm will be added to the SWPPP. The evaluation of the 1-year storm will demonstrate that the design of the stormwater management systems is adequate in regard to all NYSDEC requirements.**
2. A phasing plan must be included in the SWPPP since the total area of disturbance exceeds 5 acres.  
**The phasing plan will be added to the SWPPP to demonstrate that the disturbance area will not exceed 5 acres at any time.**
3. The SWPPP indicates that blasting may occur during construction. Provide a detailed blasting protocol including vibration testing and monitoring or remove this section from the SWPPP.  
**There is no blasting proposed as part of this project. The reference to blasting will be deleted from the SWPPP.**
4. The hydro cad calculations indicate that underground detention is proposed but detailed plans of the underground structures including inlet and outlet pipes could not be found. This component of the site plan needs to be included in the SWPPP.  
**The project proposes the use of underground drywell systems. The drywell systems are shown on the project plans. The project plans are incorporated into the SWPPP by reference on Page 24 of the SWPPP.**
5. The SWPPP report identifies many erosion and sediment control measures. However, the plan portion of the SWPPP could not be found. This needs to be included in the SWPPP.  
**The erosion control measures are shown on the soil erosion control plan, which is part of the full site plans for the project. The project plans are incorporated into the SWPPP by reference on Page 24 of the SWPPP. Full size copies of the project plans will be included in the SWPPP box on the site during construction.**

6. The NOI needs to be completed. A draft copy can be printed from the NYSDEC website for review.  
**The NOI will be submitted to the Village for review and approval as the MS4, as required.**
7. The SWPPP forms including the SWPPP preparer and Owner/Operator forms must be fully executed. They can be submitted in pdf form in the SWPPP.  
**The SWPPP dated August 14, 2022 was prepared and submitted as a preliminary and initial submittal. The revisions noted within this response will be incorporated into document, and it will be resubmitted with the signatures as required.**
8. The SWPPP identifies infiltration chambers for both storm water attenuation and infiltration for GI compliance. Infiltration testing and soil boring testing is required per NYSDEC design manual to verify acceptability of soils for infiltration.  
**The design of the proposed drywells and the infiltration rates were based upon review of soil mapping, previously conducted soil testing on the site, and recently conducted soil boring tests. All of the available information indicates the soils on the site are well suited for the infiltration provided by the proposed systems. Additional soil testing will be scheduled and conducted as may be required to re-confirm the soil conditions on the site.**
9. Appropriate inspection forms for weekly SWPPP compliance were not included in the Appendices.  
**Typical inspection forms will be included in the appendix of the revised SWPPP.**
10. Pre-development and Post-development Maps showing all of the drainage subareas for both existing and developed conditions needs to be included in the SWPPP to verify hydrologic calculations.  
**Drainage subbasin maps for pre-development and post development conditions will be included in the revised SWPPP.**

The applicant recognizes that the SWPPP must be finalized and approved by the municipality prior to submittal to the NYSDEC for the required stormwater construction permit. All of the items outlined above can and will be included in the revised SWPPP as required.

Please contact me with any questions regarding this project.

Very truly yours,



Stuart Strow, P.E.

**BROOKER ENGINEERING, P.L.L.C.**