



1-27-26

To: Planning Board Chairman
Township of Verona
600 Bloomfield Avenue
Verona, New Jersey, 07044

Re: Review of the Stormwater Management Report
383 Bloomfield Avenue
Block 708, Lot 1
Township of Verona
File # 25VAP102

Dear Board Chairman,

The following changes or additions have been made to our plans in accordance with the review letter received from your office dated January 13, 2026. The changes are as follows:

- 4. The drainage report has been revised to reference the National Engineering Handbook NEH Part 630 – Hydrology in the introduction.
- 5. Detailed calculations of the pre- and post-development time of concentration has been added to the drainage report in the existing and proposed sections.
- 6. A soil map taken from the NRCS Web Soil Survey has been added to the appendix of the drainage report.
- 7. References to the runoff coefficients and rainfall intensities being used for drainage calculations are included in the appendix with the pipe sizing calculations.
- 8. An inlet drainage area map has been prepared and will be included in the appendix of the drainage report.
- 9. An NJDEP BMP Manual Low Impact Development Checklist has been included in the appendix of the drainage report.
- 10. The proposed 48” HDPE solid pipes are proposed to have a 0% slope.
- 11. The drainage report has been revised to include relative curve numbers and the discharge results was updated
- 12. The sheet flows for drainage areas 1 & 2 was calculated with the McCuen -Spiess Formula see the Tc calculations
- 13. A downstream analysis of the pipes / drainage system in Park Avenue has been performed and this information will be included in the drainage report.
- 14. The porous pavement section on sheet SP-7 has been revised to include filter fabric along the sides and bottom of the system.
- 15. Soil testing to confirm the elevation of the seasonal high water table (SHWT) will be performed with test pits on the site. Previous tests found water seepage at 13.5 ft below existing grade.
- 16. Pipe capacity calculations have been performed for all proposed stormwater pipes. See appendix of the drainage report
- 17. The stormwater management systems maintenance plan will be recorded in the in the County Clerk’s office.



- 18. The maintenance manual has been updated to include drain time statement for the maximum design storm runoff volume for the proposed underground detention basin and porous paving systems in accordance with the NJDEP BMP manual.
- 19. A note has been added to the Grading & Utility Plan stating that an inspection report on the conditions of the underground detention basin and pervious paving systems shall be submitted every two years to the Verona Stormwater Manager and must address any recommendations within 90 days of the report. This note is also included in the stormwater maintenance manual.

Very truly yours

A handwritten signature in black ink, appearing to read 'Paul W. Anderson', with a long, sweeping horizontal line extending to the right.

Paul W. Anderson PE PP CME