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January 7, 2017

Mr. Robert Maquat, Chairman  
Planning and Zoning Commission  
225 Center Road  
Easton, Connecticut 06612

RE: Easton Crossing Project  
Easton, CT

Dear Mr. Maquat and Members of the Planning and Zoning Commission,

This is to codify the comments which I made at the continued public hearing on January 3<sup>rd</sup> on behalf of the Coalition to Save Easton and after I received the response from Landtech consultants of January 4<sup>th</sup> (only received by email on January 6, 2017).

1. The use of a RCN value of 90 for a building roof is not appropriate even if the runoff from the roof is directed to an underground Cultec system. The RCN value determines the amount of rainfall which will become runoff. There are only minimal losses when rain falls on impervious surface, thus most of the rainfall is converted to runoff. Just because the applicant is directing the roof drains to the underground Cultec system, does not justify the use of a RCN of 90.
2. The applicant has not proven by a hydrologic modeling analysis that the runoff directed to the Cultec systems will actually infiltrate, so there is no evidence to support the statement that these systems will work.
3. The applicant is using out dated and erroneous values in the pollutant renovation analysis that is not supported by adequate monitoring results. The analysis is also in error as the applicant does not discount pollution renovation rates for the multiple systems in series, which will result in the discharge of pollutants from the stormwater basins.
4. The design of the basins do not contain the required design features per the CT DEP 2004 Manual to be effective at reducing pollutant loads. Water quality improvement in basins is dependent upon the basins containing the required components per the manual.

Please feel free to contact my office if you have any questions concerning this information.

Very Truly Yours,  
Trinka Engineering, LLC

A handwritten signature in cursive script, reading 'Steven D. Trinka'.

Steven D. Trinka, P.E.