

February 24, 2021

Mr. Earl Kurtz, Chairman
Cheshire Inland Wetlands and Watercourses Commission
84 South Main Street
Cheshire, CT 06410

**Re: Site Plan – Rita Avenue
Map 14 Lot 33
Cheshire, Connecticut
SLR #141.15489.00001**

Dear Chairman Kurtz,

SLR International Corporation (SLR) is in receipt of a comment letter prepared by Ms. Denise P. Lord, PE, of Anchor Engineering Services, dated February 2, 2021, regarding the above-referenced project. We offer the following responses to the comments contained therein:

- C1. The Plans and report submitted should be signed and sealed by a CT licensed professional engineer or land surveyor as appropriate.
- R1. Signed/sealed revised plans and stormwater management computations have been submitted to the Cheshire planning office.**
- C2. Confirm the flow direction of the offsite storm drain to the south of the property and the onsite swale. The soils report describes that the storm drain outlets to the swale on the subject parcel whereas the plans indicate the reverse flow direction.
- R2. The swale flows from the wetlands towards the flared-end section. The soils report has been revised to match the plans.**
- C3. Test pits for the roof infiltration should be performed to determine the existing high groundwater elevation and soil suitability. The infiltrators are proposed 3 feet deeper than the adjacent wetlands/swale elevation and maybe into the groundwater elevation. Shallower infiltration units or possibly an above ground storage area maybe considered.
- R3. The proposed roof infiltration has been removed from the proposed plan. A rain garden has been added to the plans.**
- C4. Recommend adding grade to drain arrows and grades on a driveway and at the road to verify that there will be adequate pitch away from the garage and to clarify where the surface water is directed.

- R4. Grade to drain arrows have been added to the revised plan.**
- C5. Include location of the proposed water service.
- R5. The proposed water service has been added to the revised plan.**
- C6. The applicant will have to contact the Water Pollution Control Authority regarding sewer assessment and connection fee. A fee may also be due to the City of Waterbury as the sewer drains to their plant.
- R6. Comment noted.**
- C7. A street excavation permit application is required for any work within the town R.O.W.
- R7. Comment noted.**
- C8. The proposed erosion and sediment controls are adequate.
- R8. Comment noted.**

The following comments were raised by the Commission during the February 16 ,2021, meeting:

- C9. Any additional comments on the type of vegetation that is going to remain as a buffer between the back yard and the wetlands.
- R9. The vegetation that will remain between the wetland and proposed clearing limit will consist of mixed hardwood forest. A split rail fence with non-encroachment markers has been added to the plans to better delineate the upland area.**
- C10. Any additional comments on the type of wildlife habitat.
- R10. Given the time of year our work was conducted, a formal wildlife habitat assessment could not be completed.**

Please feel free to contact me at (203) 271-1773 should you need any further information.

Sincerely,

SLR International Corporation



Ryan McEvoy, PE
Principal Civil Engineer

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