



McChord Engineering Associates, Inc.

Civil Engineers and Land Planners

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Wilton, CT 06897

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January 15, 2024

Dr. Tom Failla
Conservation Planner
Town of Weston
56 Norfield Road, PO Box 1007
Weston, CT 06883

Re: Response to Site Walk Comments
Proposed Site Development
Conservation Commission Application CC-23-25-COM
20 Martin Road, Weston, CT

Dear Dr. Failla:

This letter is in response to comments received by McChord Engineering Associates, Inc. resulting from a Conservation Commission Site Walk at the subject property on January 6, 2024. The following is a response to these comments.

1. How the pool and patio structure would be constructed and tied into the “riprap hillside” and supported post construction?
Response: *The pool and patio will not be tied into the “rip rap hillside”. The rip rap is there only for slope stabilization, it is not structural. The rip rap will be removed as required for the pool and retaining wall construction. These footings will be built upon stable underlying soils. Once the retaining walls are formed, the rip rap will be returned to the slope for stabilization.*
2. Is the rip rap an engineered retaining wall?
Response: *No, it is not. It is there for slope stabilization to minimize potential erosion.*
3. Was there adequate room between the toe of the “rip rap” and the silt fence to allow for falling rocks and soil during construction and not overwhelm the E&S control?
Response: *We do not anticipate falling rocks or substantial amounts of soil to collect against the silt fence during construction due to the nature of this project. The rip rap will be carefully removed and stockpiled while the pool and retaining wall foundation are being built. The rip rap will then be returned. Once the walls are formed, they will create a barrier between the construction area and slope/silt fence. Also, the machinery that will be on site will be able to pick up any of the rocks from the top of the slope. If any soil accumulates it can be removed by hand against the silt fence.*
4. How would crews and equipment gain access to the down slope to perform necessary work and maintain the E&S controls during the project life span?
Response: *The E&S controls can be maintained by hand. The machinery that will be on site will be capable of performing all the required work from the top of slope.*

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5. Plan note indicating slab steps in rip rap slope would be coordinated with landscape architect what are the details?
Response: *There is no formal detail yet, but it will essentially consist of stone slabs set into the boulder slope to create a means to access the eastern portion of the property. The Landscape Plan is being prepared for the building permit.*
6. The property owner indicated a landscape architect is also involved in the project planning. What other landscaping activities are planned in conjunction with the project?
Response: *The Landscape Architect designed the layout of the pool and patio area. There are a few planters within the patio area that will be landscaped. We do not anticipate any landscaping outside of this project area, especially below the rip rap slope.*
7. How will the construction contractor protect existing underground utilities (i.e propane tank, detention system and piping)?
Response: *There will be a preconstruction meeting with the contractor to discuss this. All utilities will be verified and located prior to construction and marked in the field. Temporary construction fence can be installed around the utilities to protect them as necessary. Steel plates can be installed at grade atop the footing drainpipe while the pool and retaining walls are being constructed if necessary.*
8. What are the alternative locations for the stockpile area outside the URA and away from underground utilities?
Response: *The stockpile area is intended to be temporary, and material will be hauled off site to reduce the amount stockpiled. The only other location for the stockpile would be on the other side of the playground area. This would place it outside of the regulated area. We could relocate it as a condition of approval.*
9. Where are the Construction Sequence Notes and E&S Control Notes?
Response: *We will revise the plans to include a Construction Sequence and E&S Control Notes as a condition of approval and will coordinate this with the Conservation Planner.*
10. Will the pool contractor and landscape architect or a representative (e.g. the engineering firm representative) be available to present and answer questions at the Jan. 18 meeting?
Response: *Yes, the project engineer, myself, will be available at the meeting.*
11. Who supervise the project?
Response: *The contractor will be in charge of supervising the project on a day-to-day basis. We will be available for milestone inspections and any questions during construction.*

This concludes our response to comments. Please let us know if there are any additional questions.

Sincerely,



Harry M. Rocheville, Jr., P.E.
Project Manager