



RECEIVED
Town of Cheshire
OCT 14 2020

Planning Dept.

October 12, 2020

Mr. Don Nolte, Engineering Operations Manager
Town of Cheshire
84 South Main Street
Cheshire, CT 06410

Re: Site Plan Stormwater Management Review
Viron Rondo Osteria – Expanded Parking Facilities
1721 Highland Avenue & 1704 Reinhard Road, Cheshire, CT

Dear Mr. Nolte:

Anchor Engineering Services, Inc. received the following information prepared by OCC Group Inc.:

- Site Development Plan set dated September 10, 2020 revised to Oct. 8, 2020;
- Hydraulic Report (4 page summary) dated September 9, 2020 and revised October 8, 2020.

Based on our review of the revised information, we offer the following comments:

1. The detention system is proposed within glacial till and fractured rock based on the test pit profile. Recommend that the system include an underdrain at the bottom of the stone elevation to ensure that the system empties between storms and the analysis ignore infiltration.
2. Please verify that the volume available within the isolator row below the overflow weir in manhole #1 is adequate to treat the entire water quality volume (WQV). The weir is proposed at an elevation that would only include approximately 30% of the available volume. Include a maintenance schedule for the proposed stormwater system on the plans.
3. The Stormtech M3500 detail recommends a minimum of 9" stone below the chambers.
4. Please verify the total volume available in the proposed detention chambers system. The total storage volume available included in the analysis (original submission) appears to be larger than the storage volume per the manufacturer and per the system dimensions proposed.
5. Recommend additional information on the plan to ensure that the stormwater flow during construction is directed to the lower sediment trap instead of directly into catch basins #1 and #2.
6. The final Hydraulic Report should also include the hydrograph reports as presented in the original submission.

If you have any questions regarding the above comments, please don't hesitate to contact me at (860) 633-8770.

Sincerely,

Denise P. Lord, P.E.
Lead Engineer

The experience to
listen
The power to
solve

OCC Group, Incorporated

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Re: Viron Rondo Osteria

Dear Sir:

We are in receipt of the review letter form the Town's consultant (Anchor) dated October 12, 2020 on the above referenced project.

Based on our review of the comments therein, OCC is prepared to incorporate these additional comments into our final plans as any condition of approval by the Planning & Zoning Commission.

Respectfully submitted,

OCC Group, Incorporated
David V. Carson, Managing Principal

cc: William Voelker, Town Planner