

August 10, 2021

Mr. Marek Kozikowski  
City Planner  
City of Middletown  
245 deKoven Drive  
Middletown, CT 06457

**Re: Response to Review Comments  
Wesleyan University – Neighborhood Preschool  
Middletown, Connecticut  
SLR #141.15993.00022**

Dear Mr. Kozikowski,

SLR International Corporation (SLR) is in receipt of your memoranda dated July 8, 2021, and July 13, 2021, regarding the above-referenced project. We offer the following responses to the comments contained therein:

**WATER AND SEWER DEPARTMENT COMMENTS**

- C1. The estimated water pressure is greater than 80 psi. The Building Division requires a water pressure reducing valve be installed.
- R1. No exception to this comment. A pressure reducing valve will be installed in the building.**
- C2. Update typical trench cross - section (Water or Fire Service) detail with version revised March 2020.
- R2. No exception to this comment. The updated trench cross section will be used.**
- C3. Water service pipe should be type "K" copper.
- R3. No exception to this comment. The service will be type 'k' copper.**
- C4. Adjust invert of sewer lateral or building elevation so depth of sewer is greater than 4 feet or install ductile iron pipe where the depth of bury is less than 4 feet.

- R4. No exception to this comment. Ductile iron pipe will be provided where depth of bury is less than 4 feet.**
- C5. Provide estimated demand for water service. Provide water service size.
- R5. The estimated domestic water demand is 110 gallons per minute. The water service size will be 4".**
- C6. Private manhole cover shall be MDC style pattern 1221-5012.
- R6. No exception to this comment. The noted cover will be used.**
- C7. Contractor shall core hole in existing manhole and rebuild brick invert where proposed 8-inch sewer connection is made.
- R7. No exception to this comment.**
- C8. All connection fees for water and sewer shall be paid prior to the start of the specific utility being installed.
- R8. No exception to this comment.**

#### **ENGINEERING DEPARTMENT COMMENTS**

- C1. On sheet AS-100, there are notes saying "RWL to Splashblock", but sheet GU has all of the roof leaders connected to a pipe that runs to Bioretention Basin #1.
- R1. Sheet GU is correct in that there is a roof collector pipe discharging to Bioretention Basin #1.**
- C2. On sheet EX-1, there is an existing catch basin, (elev. 159.9). Do you know where is this connected? Will this catch basin remain and the top elevation adjusted, or will it be removed or abandoned?
- R2. This existing catch basin is remaining from past development on the site. It serves no purpose and will be removed.**
- C3. The 3' stone edge, shown on GU and SD-4, is to be 2" below the pavement. This could create a tripping hazard. Is there any thought of using pervious pavers?
- R3. The stone edge detail will be revised to a flush condition to eliminate a potential tripping hazard. Pervious pavers and infiltration practices are ideal with permeable soils; however, the infiltration rate of the onsite soils is unsuitable for infiltration practices.**

C4. The address for this building will be #60 Long Lane.

**R4. Comment noted.**

If you have any questions or require any additional information, please do not hesitate to contact me at (203) 271-1773.

Sincerely,

**SLR International Corporation**



Darin L. Overton, PE  
Principal Civil Engineer

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